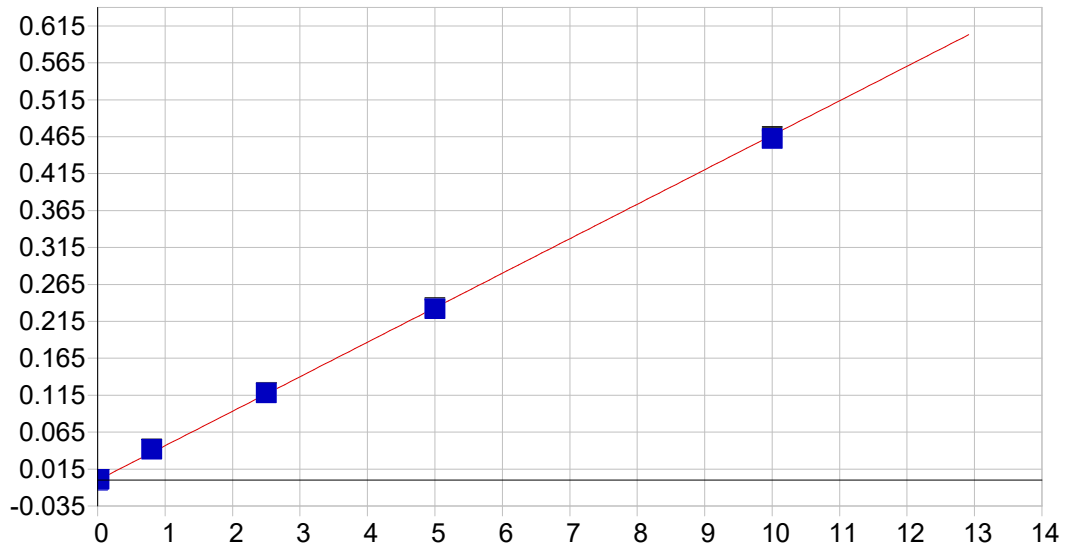
Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



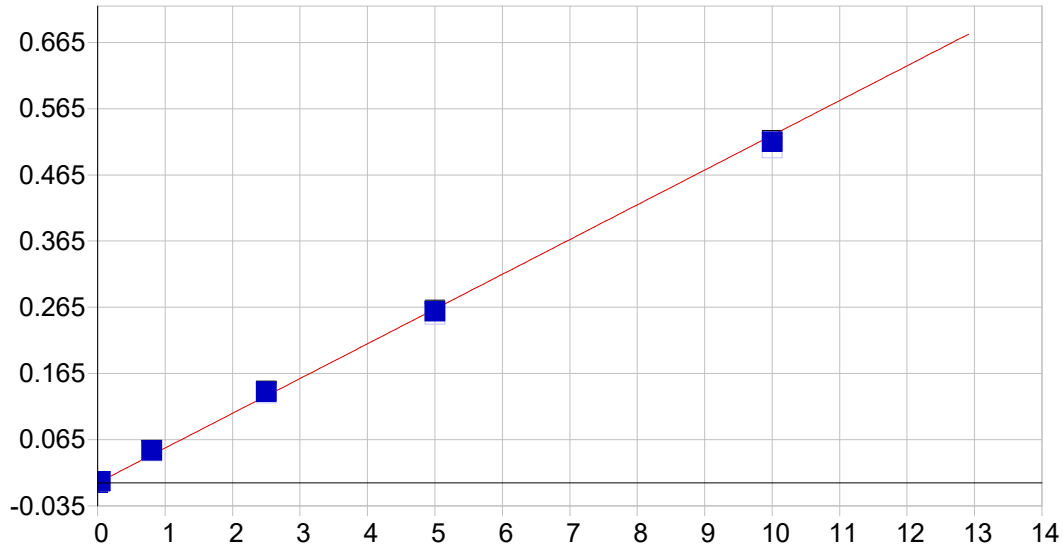
As 189.042 {479}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000135	Re-Slope:	1.000000
A1 (Gain):	0.046708	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.002556		
Predicted MQL:	0.008520		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02041	.000	2.07	.00081	.000	1
S3	2.5000	2.5323	.032	1.29	.11802	.001	1
S4	5.0000	4.9694	-.031	-.611	.23172	.001	1
S5	10.000	9.9042	-.096	-.958	.46196	.003	1
S2	.80000	.89359	.094	11.7	.04156	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



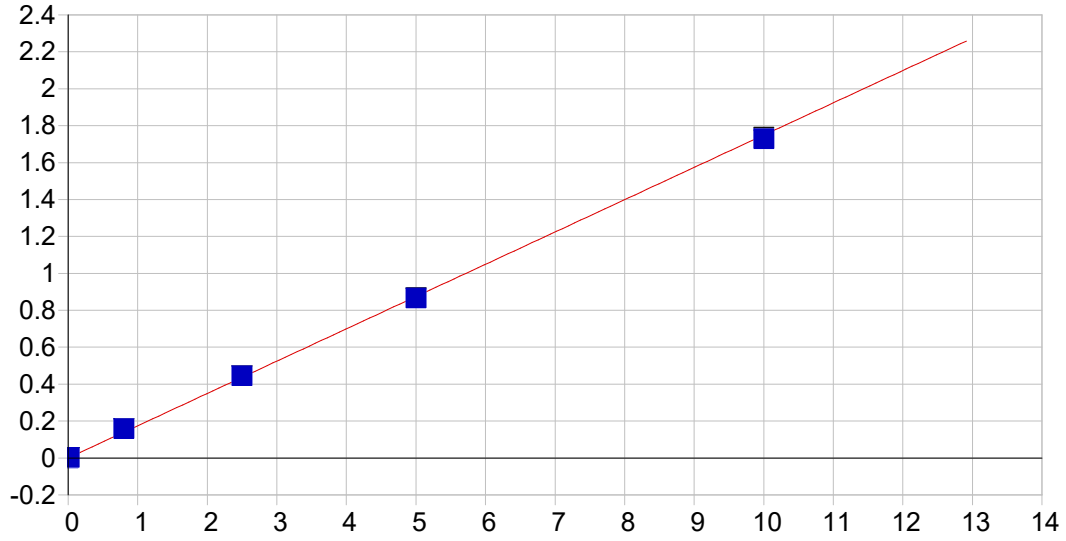
Tl 190.856 {477}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	0.052483	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999122	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.001892		
Predicted MQL:	0.006308		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04218	.002	5.44	.00200	.000	1
S3	2.5000	2.6258	.126	5.03	.13531	.001	1
S4	5.0000	4.9304	-.070	-1.39	.25385	.002	1
S5	10.000	9.8145	-.185	-1.85	.50535	.002	1
S2	.80000	.92713	.127	15.9	.04780	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



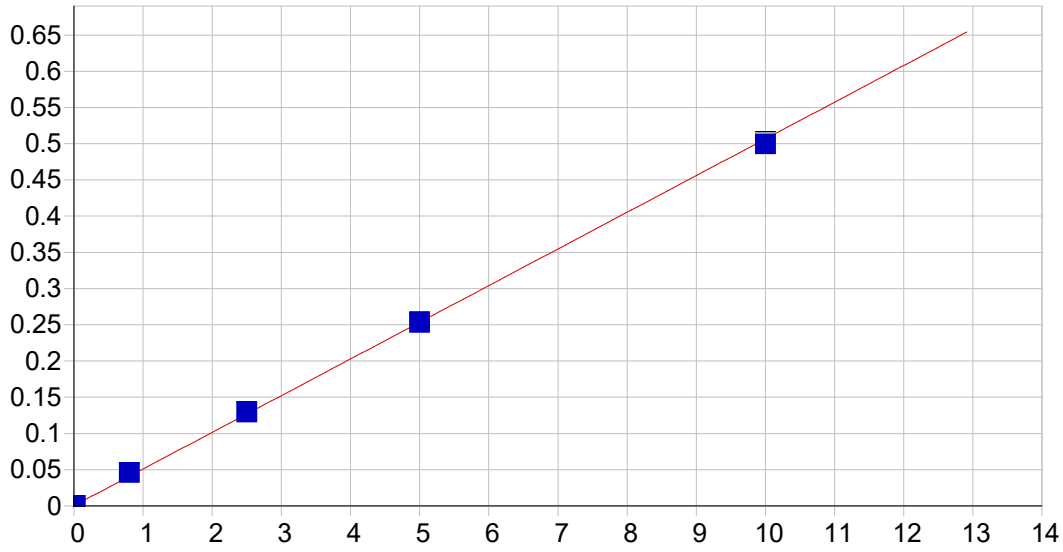
Pb 220.353 {453}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000151	Re-Slope:	1.000000
A1 (Gain):	0.174907	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999510	Status:	OK.
Std Error of Est:	0.000099		
Predicted MDL:	0.001399		
Predicted MQL:	0.004665		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01200	.01203	.000	.232	.00191	.000	1
S3	2.5000	2.5487	.049	1.95	.44515	.002	1
S4	5.0000	4.9537	-.046	-.925	.86533	.002	1
S5	10.000	9.8871	-.113	-1.13	1.7273	.008	1
S2	.80000	.91045	.110	13.8	.15894	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



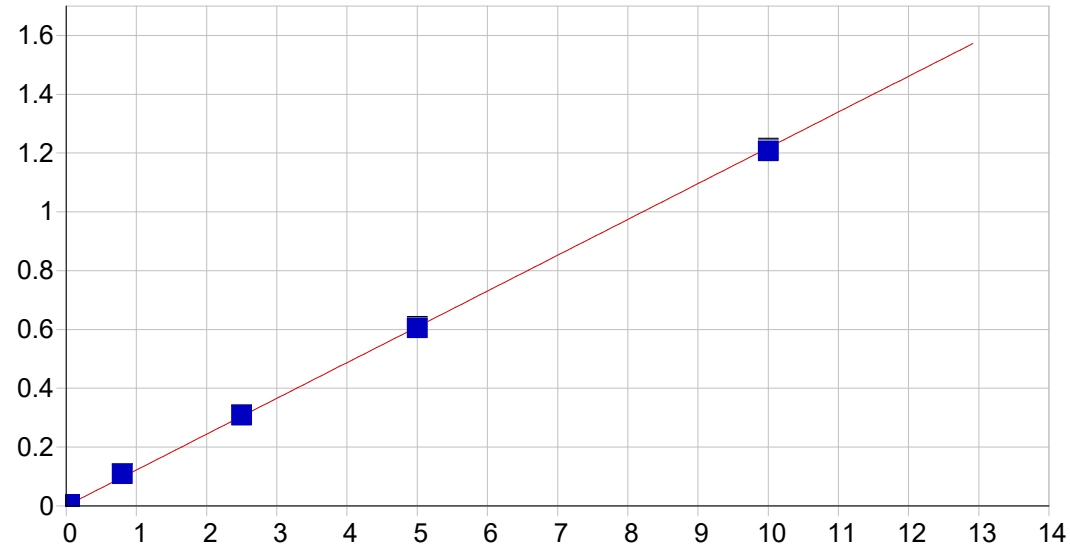
Se 196.090 {472}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000313	Re-Slope:	1.000000
A1 (Gain):	0.050630	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999579	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.002840		
Predicted MQL:	0.009466		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.02000	.01969	-.000	-1.54	.00131	.000	1
S3	2.5000	2.5461	.046	1.84	.12918	.001	1
S4	5.0000	4.9893	-.011	-.214	.25283	.001	1
S5	10.000	9.8642	-.136	-1.36	.49956	.003	1
S2	.80000	.90073	.101	12.6	.04590	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



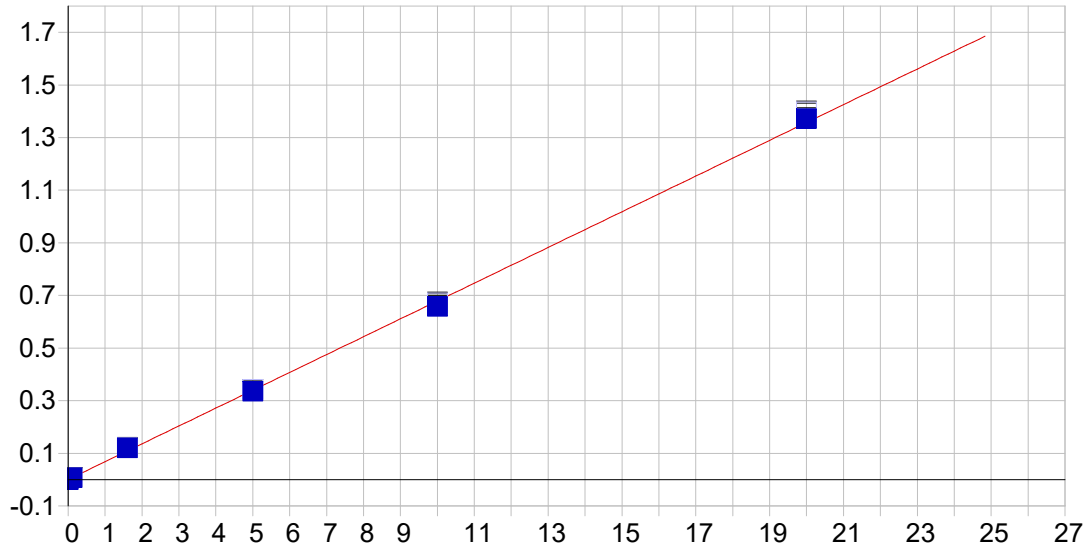
Sb 206.833 {463}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000299	Re-Slope:	1.000000
A1 (Gain):	0.121745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999672	Status:	OK.
Std Error of Est:	0.000116		
Predicted MDL:	0.001775		
Predicted MQL:	0.005918		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.05000	.04899	-.001	-2.02	.00628	.000	1
S3	2.5000	2.5271	.027	1.08	.30878	.001	1
S4	5.0000	4.9655	-.035	-.690	.60648	.004	1
S5	10.000	9.9153	-.085	-.847	1.2108	.006	1
S2	.80000	.89314	.093	11.6	.10930	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



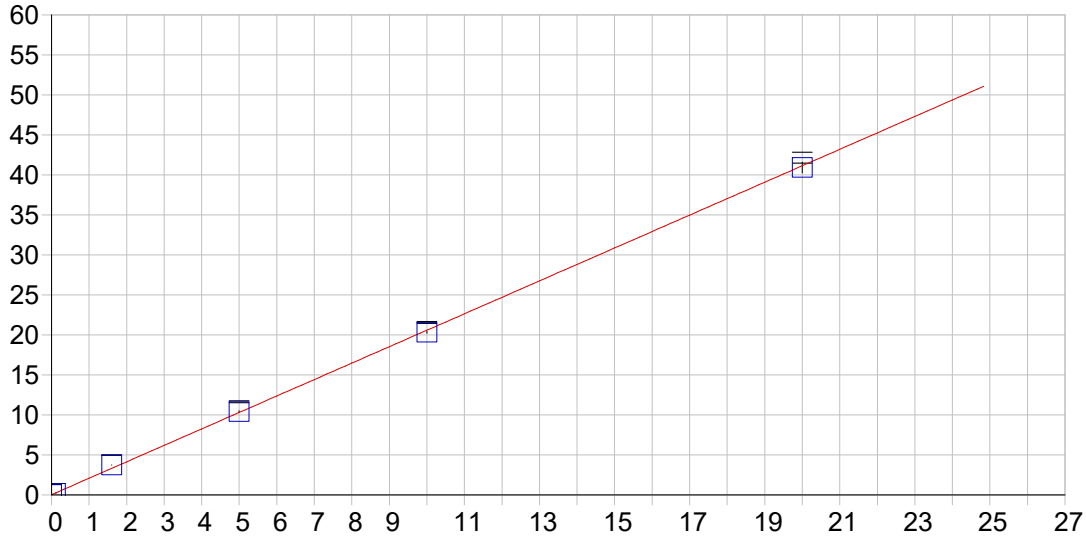
Al 396.152 { 85}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000299	Re-Slope:	1.000000
A1 (Gain):	0.067854	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999631	Status:	OK.
Std Error of Est:	0.000139		
Predicted MDL:	0.005865		
Predicted MQL:	0.019551		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.10000	.09600	-.004	-4.00	.00734	.000	1
S3	5.0000	4.9416	-.058	-1.17	.34219	.001	1
S4	10.000	9.6960	-.304	-3.04	.67138	.003	1
S5	20.000	20.207	.207	1.04	1.3978	.004	1
S2	1.6000	1.7596	.160	9.97	.12180	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



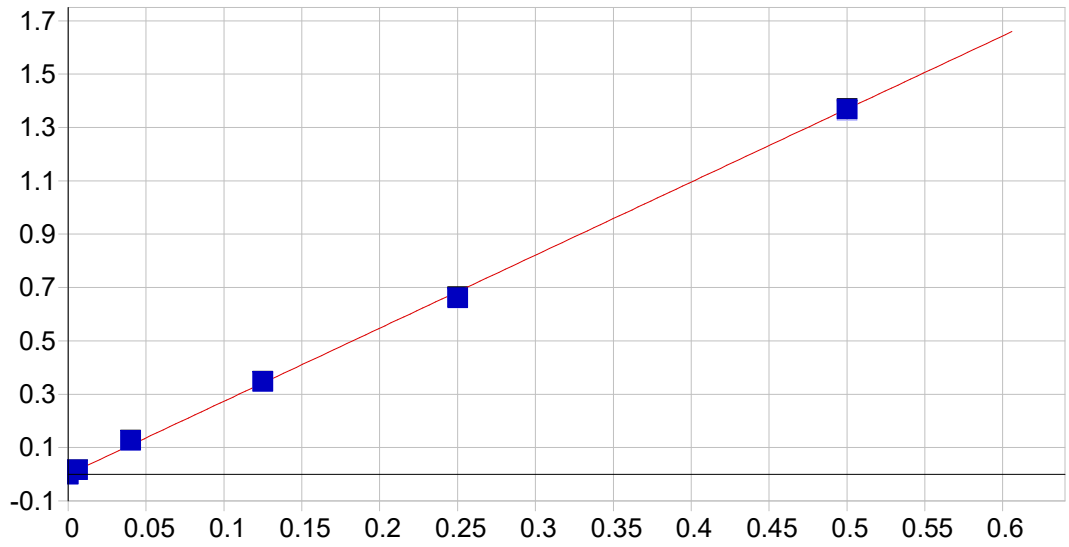
Ba 493.409 { 68}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.028248	Re-Slope:	1.000000
A1 (Gain):	2.055764	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999624	Status:	OK.
Std Error of Est:	0.004182		
Predicted MDL:	0.000767		
Predicted MQL:	0.002555		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02822	.003	1
S1	.10000	.10103	.001	1.03	.23593	.001	1
S3	5.0000	5.0418	.042	.835	10.393	.110	1
S4	10.000	9.8679	-.132	-1.32	20.314	.114	1
S5	20.000	19.890	-.110	-.551	40.917	.695	1
S2	1.6000	1.7996	.200	12.5	3.7278	.013	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



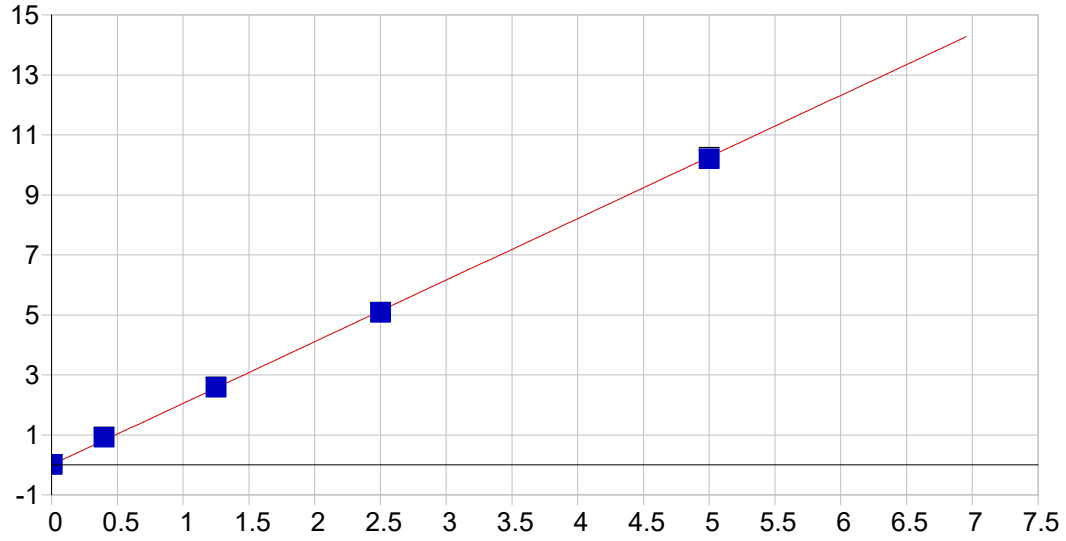
Be 234.861 {144}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000438	Re-Slope:	1.000000
A1 (Gain):	2.739481	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999238	Status:	OK.
Std Error of Est:	0.000306		
Predicted MDL:	0.000076		
Predicted MQL:	0.000252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00044	.000	1
S1	.00600	.00596	-.000	-.608	.01578	.000	1
S3	.12500	.12699	.002	1.59	.34592	.001	1
S4	.25000	.24189	-.008	-3.25	.65914	.004	1
S5	.50000	.49954	-.000	-.093	1.3619	.003	1
S2	.04000	.04662	.007	16.6	.12679	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



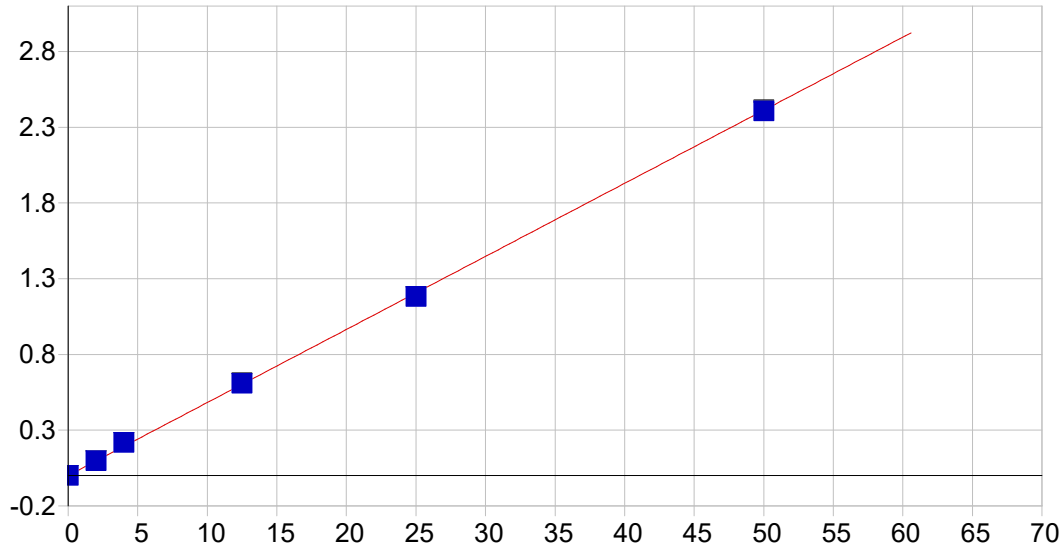
Cd 226.502 {449}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000083	Re-Slope:	1.000000
A1 (Gain):	2.053111	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999636	Status:	OK.
Std Error of Est:	0.000503		
Predicted MDL:	0.000082		
Predicted MQL:	0.000273		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.00600	.00588	-.000	-2.04	.01205	.000	1
S3	1.2500	1.2606	.011	.846	2.5903	.007	1
S4	2.5000	2.4720	-.028	-1.12	5.0797	.009	1
S5	5.0000	4.9682	-.032	-.635	10.209	.043	1
S2	.40000	.44930	.049	12.3	.92309	.002	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



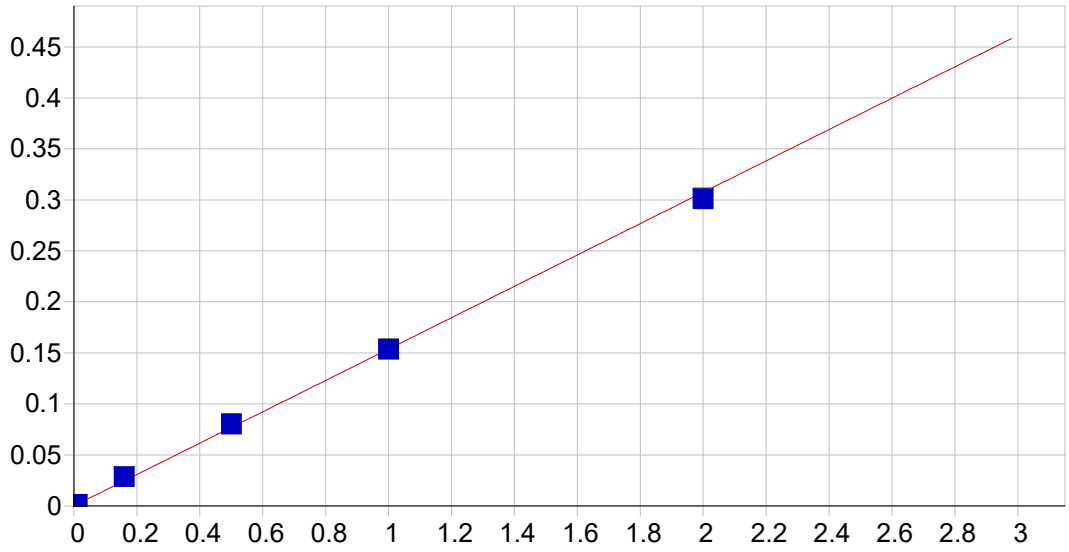
Ca 373.690 { 90}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000066	Re-Slope:	1.000000
A1 (Gain):	0.048244	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999577	Status:	OK.
Std Error of Est:	0.000742		
Predicted MDL:	0.007619		
Predicted MQL:	0.025398		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	.00005	.000	1
S2	4.0000	4.5152	.515	12.9	.21790	.000	1
S3	12.500	12.622	.122	.972	.60897	.002	1
S4	25.000	24.471	-.529	-2.12	1.1806	.001	1
S5	50.000	49.882	-.118	-.236	2.4065	.008	1
S1	2.0000	2.0102	.010	.511	.09705	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



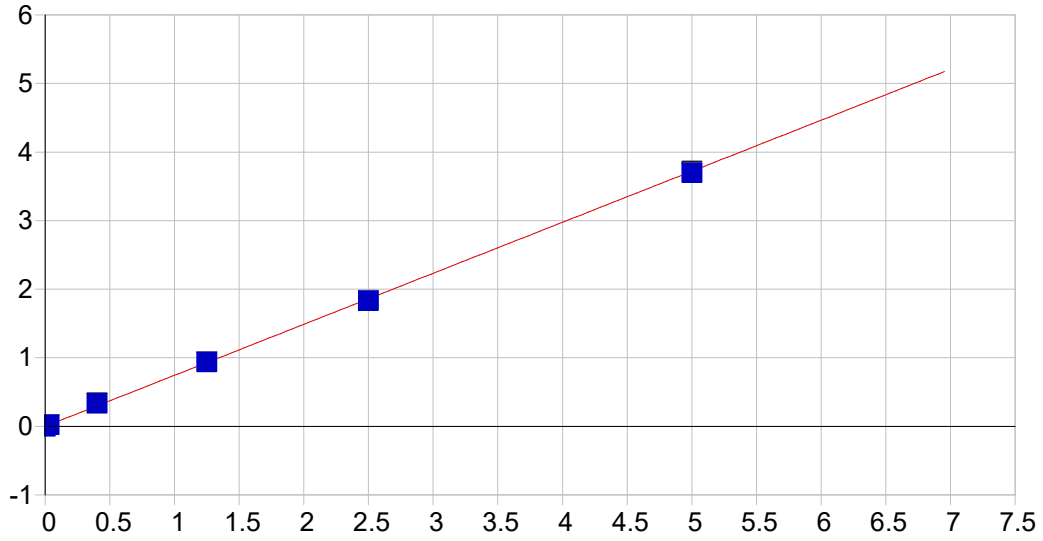
Cr 267.716 {126}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000081	Re-Slope:	1.000000
A1 (Gain):	0.153710	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999225	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.000378		
Predicted MQL:	0.001260		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.00975	-.000	-2.54	.00158	.000	1
S3	.50000	.52072	.021	4.14	.08014	.000	1
S4	1.0000	.99763	-.002	-.237	.15347	.000	1
S5	2.0000	1.9569	-.043	-2.15	.30097	.001	1
S2	.16000	.18498	.025	15.6	.02852	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



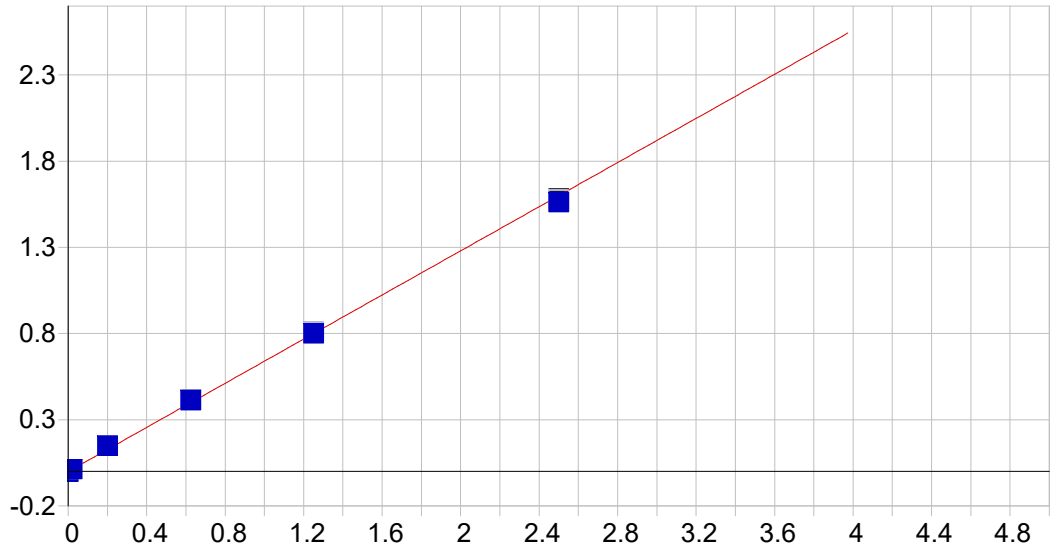
Co 228.616 {448}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000028	Re-Slope:	1.000000
A1 (Gain):	0.743997	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999590	Status:	OK.
Std Error of Est:	0.000434		
Predicted MDL:	0.000239		
Predicted MQL:	0.000795		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.03000	.02968	-.000	-1.07	.02201	.000	1
S3	1.2500	1.2621	.012	.965	.94057	.002	1
S4	2.5000	2.4639	-.036	-1.44	1.8363	.003	1
S5	5.0000	4.9724	-.028	-.553	3.7058	.016	1
S2	.40000	.45202	.052	13.0	.33683	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



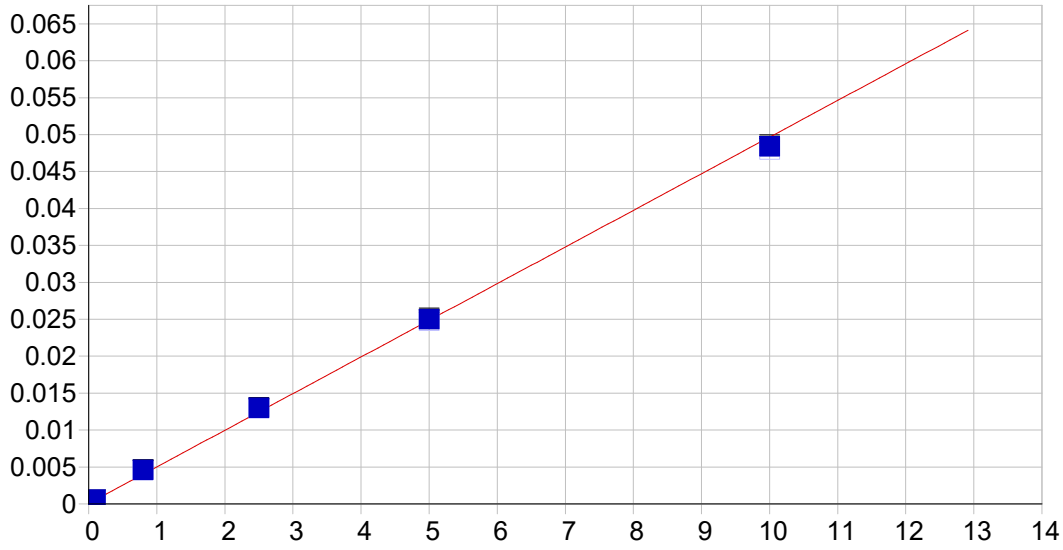
Cu 224.700 {450}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000583	Re-Slope:	1.000000
A1 (Gain):	0.640231	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999097	Status:	OK.
Std Error of Est:	0.000322		
Predicted MDL:	0.000397		
Predicted MQL:	0.001324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00059	.000	1
S1	.02000	.02248	.002	12.4	.01393	.000	1
S3	.62500	.64680	.022	3.49	.41635	.001	1
S4	1.2500	1.2504	.000	.031	.80563	.003	1
S5	2.5000	2.4408	-.059	-2.37	1.5734	.008	1
S2	.20000	.23453	.035	17.3	.15048	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



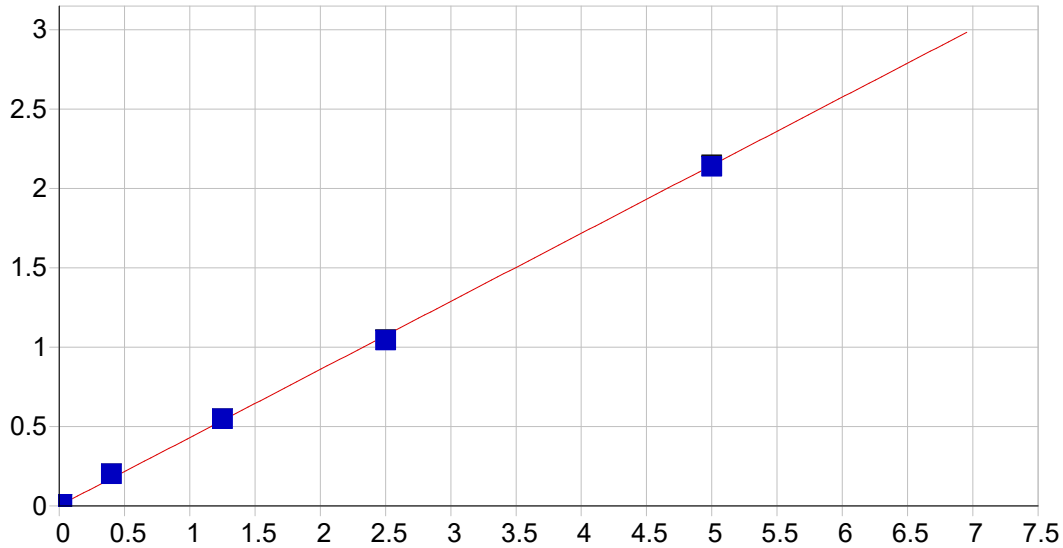
Fe 240.488 {140}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000045	Re-Slope:	1.000000
A1 (Gain):	0.004962	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999212	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.004127		
Predicted MQL:	0.013758		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00004	.000	1
S1	.10000	.10231	.002	2.31	.00055	.000	1
S3	2.5000	2.6107	.111	4.43	.01289	.000	1
S4	5.0000	5.0275	.027	.550	.02478	.000	1
S5	10.000	9.7434	-.257	-2.57	.04797	.000	1
S2	.80000	.91603	.116	14.5	.00456	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



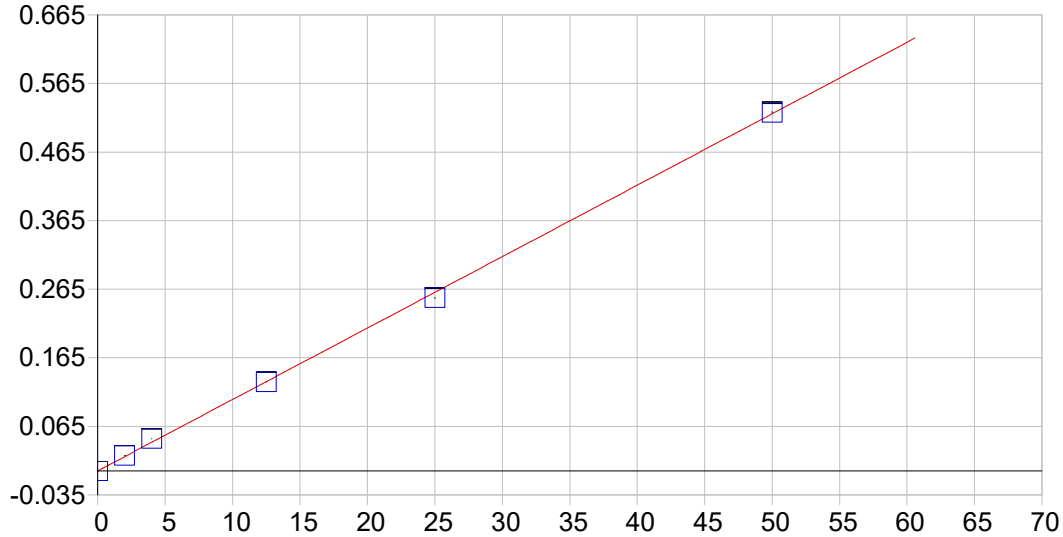
Mn 257.610 {131}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001710	Re-Slope:	1.000000
A1 (Gain):	0.429012	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999288	Status:	OK.
Std Error of Est:	0.000269		
Predicted MDL:	0.000324		
Predicted MQL:	0.001079		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00171	.000	1
S1	.02000	.01859	-.001	-7.06	.00969	.000	1
S3	1.2500	1.2755	.025	2.04	.54900	.003	1
S4	2.5000	2.4298	-.070	-2.81	1.0444	.003	1
S5	5.0000	4.9816	-.018	-.369	2.1393	.009	1
S2	.40000	.46456	.065	16.1	.20105	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



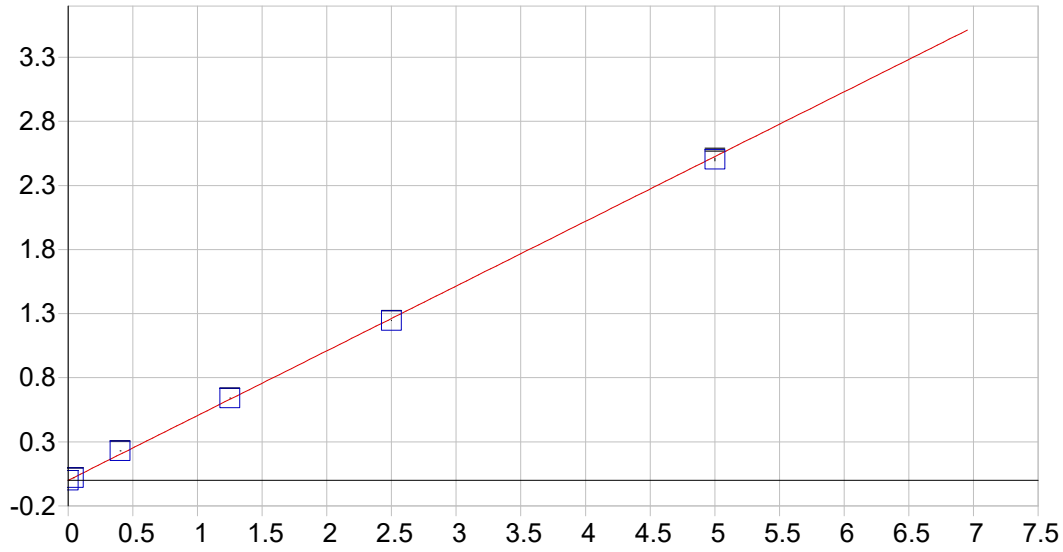
Mg 279.079 {121}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000011	Re-Slope:	1.000000
A1 (Gain):	0.010417	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999465	Status:	OK.
Std Error of Est:	0.000180		
Predicted MDL:	0.014683		
Predicted MQL:	0.048942		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	-.000	.000	-.00001	.000	1
S2	4.0000	4.5078	.508	12.7	.04695	.000	1
S3	12.500	12.463	-.037	-.300	.12981	.001	1
S4	25.000	24.216	-.784	-3.13	.25226	.001	1
S5	50.000	50.170	.170	.341	.52262	.001	1
S1	2.0000	2.1430	.143	7.15	.02231	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



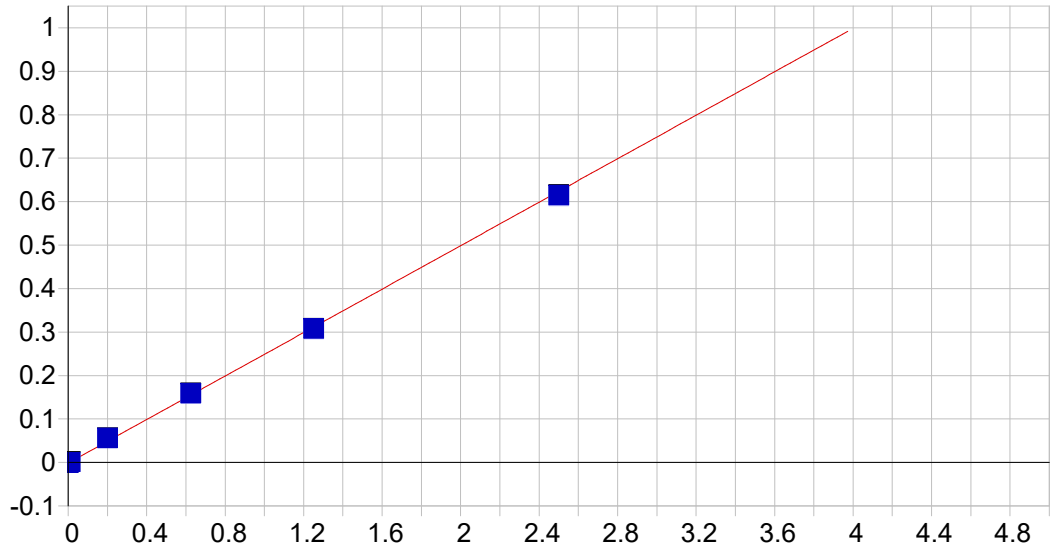
Ni 231.604 {446}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000207	Re-Slope:	1.000000
A1 (Gain):	0.505175	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999512	Status:	OK.
Std Error of Est:	0.000370		
Predicted MDL:	0.000330		
Predicted MQL:	0.001100		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00021	.000	1
S1	.04000	.04002	.000	.047	.02001	.000	1
S3	1.2500	1.2706	.021	1.65	.64165	.001	1
S4	2.5000	2.4680	-.032	-1.28	1.2465	.001	1
S5	5.0000	4.9555	-.044	-.890	2.5032	.012	1
S2	.40000	.45594	.056	14.0	.23012	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



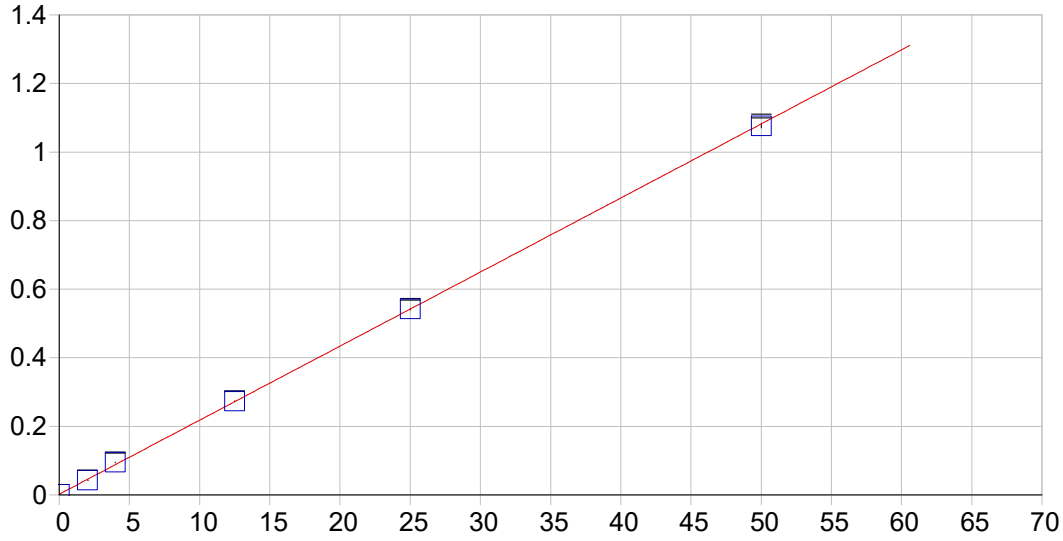
Ag 328.068 {103}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001282	Re-Slope:	1.000000
A1 (Gain):	0.250014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999370	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.000333		
Predicted MQL:	0.001109		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00128	.000	1
S1	.01000	.01003	.000	.320	.00121	.000	1
S3	.62500	.64218	.017	2.75	.15865	.001	1
S4	1.2500	1.2369	-.013	-1.05	.30673	.000	1
S5	2.5000	2.4654	-.035	-1.39	.61261	.001	1
S2	.20000	.23050	.030	15.2	.05615	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



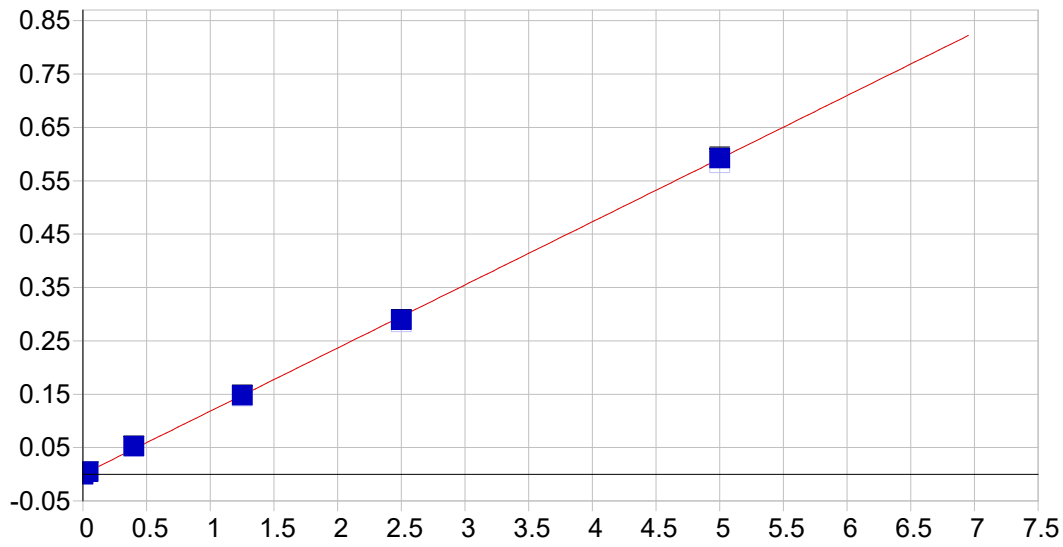
Na 589.592 { 57}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001980	Re-Slope:	1.000000
A1 (Gain):	0.021601	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999838	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.008036		
Predicted MQL:	0.026786		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00198	.000	1
S2	4.0000	4.3048	.305	7.62	.09497	.001	1
S3	12.500	12.570	.070	.563	.27352	.001	1
S4	25.000	24.992	-.008	-.031	.54184	.003	1
S5	50.000	49.734	-.266	-.531	1.0763	.006	1
S1	2.0000	1.8982	-.102	-5.09	.04298	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



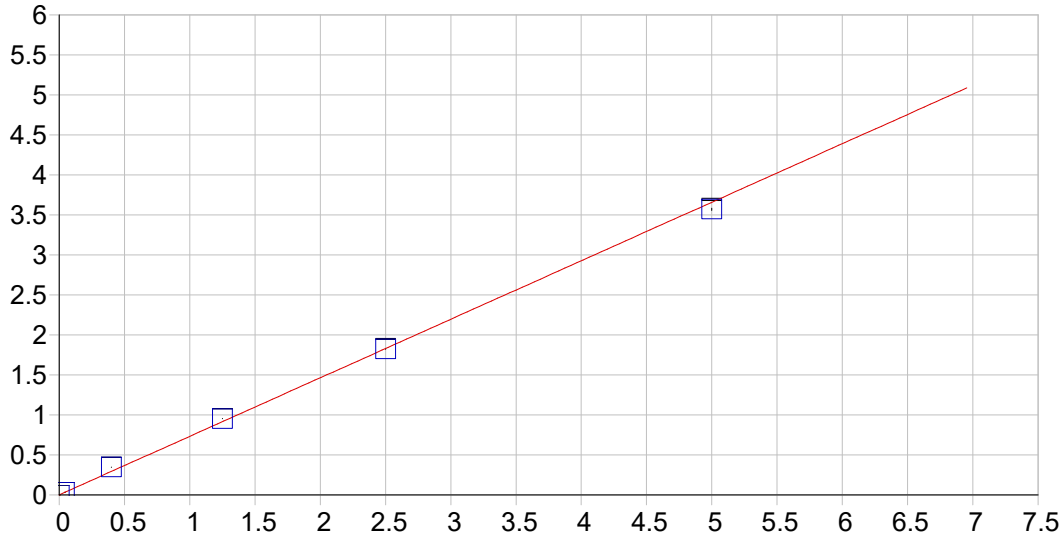
V 292.402 {115}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000020	Re-Slope:	1.000000
A1 (Gain):	0.118265	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999648	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.001434		
Predicted MQL:	0.004781		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.04000	.03913	-.001	-2.18	.00447	.000	1
S3	1.2500	1.2523	.002	.181	.14596	.001	1
S4	2.5000	2.4466	-.053	-2.14	.28505	.001	1
S5	5.0000	5.0068	.007	.137	.58353	.002	1
S2	.40000	.44520	.045	11.3	.05198	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



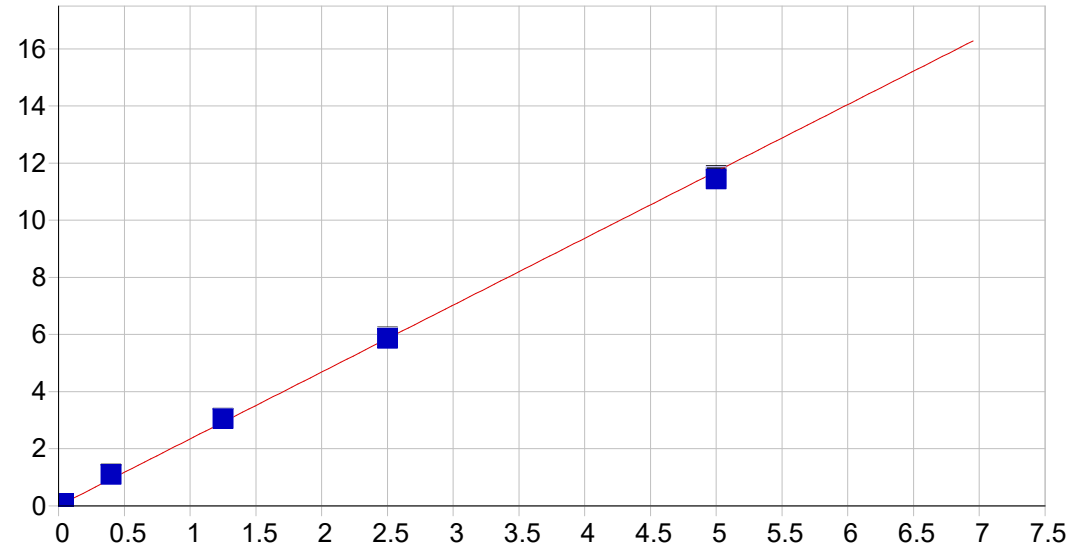
Zn 206.200 {464}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001045	Re-Slope:	1.000000
A1 (Gain):	0.731483	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999004	Status:	OK.
Std Error of Est:	0.000767		
Predicted MDL:	0.000210		
Predicted MQL:	0.000701		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00104	.000	1
S1	.04000	.04275	.003	6.88	.03232	.000	1
S3	1.2500	1.3015	.052	4.12	.95310	.002	1
S4	2.5000	2.4941	-.006	-.235	1.8255	.006	1
S5	5.0000	4.8792	-.121	-2.42	3.5701	.015	1
S2	.40000	.47234	.072	18.1	.34655	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



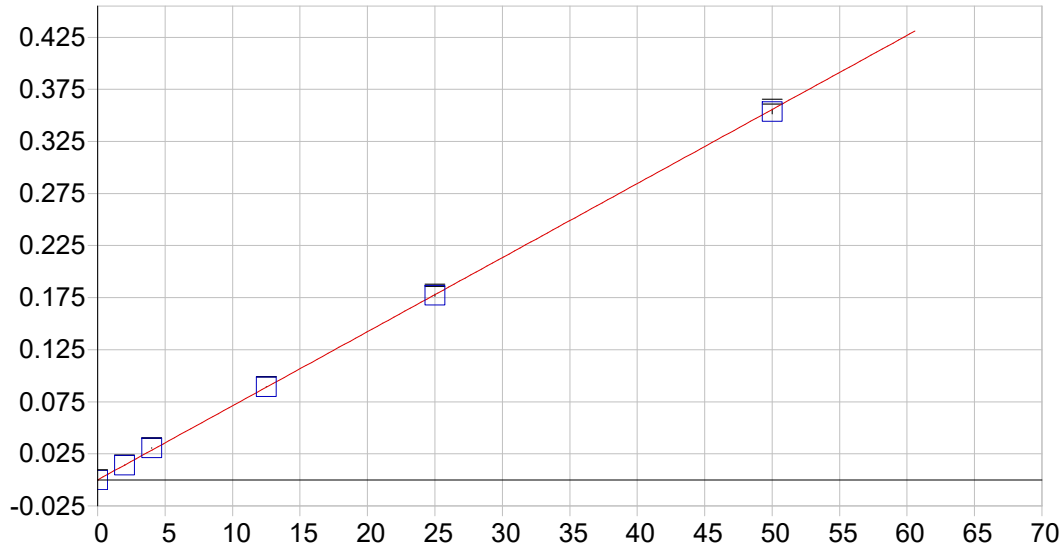
Zn 213.856 {158}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004897	Re-Slope:	1.000000
A1 (Gain):	2.341056	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999193	Status:	OK.
Std Error of Est:	0.002224		
Predicted MDL:	0.000309		
Predicted MQL:	0.001029		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00488	.000	1
S1	.04000	.04156	.002	3.91	.10285	.002	1
S3	1.2500	1.2987	.049	3.90	3.0656	.009	1
S4	2.5000	2.4989	-.001	-.045	5.8956	.016	1
S5	5.0000	4.8860	-.114	-2.28	11.525	.036	1
S2	.40000	.46479	.065	16.2	1.0995	.015	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



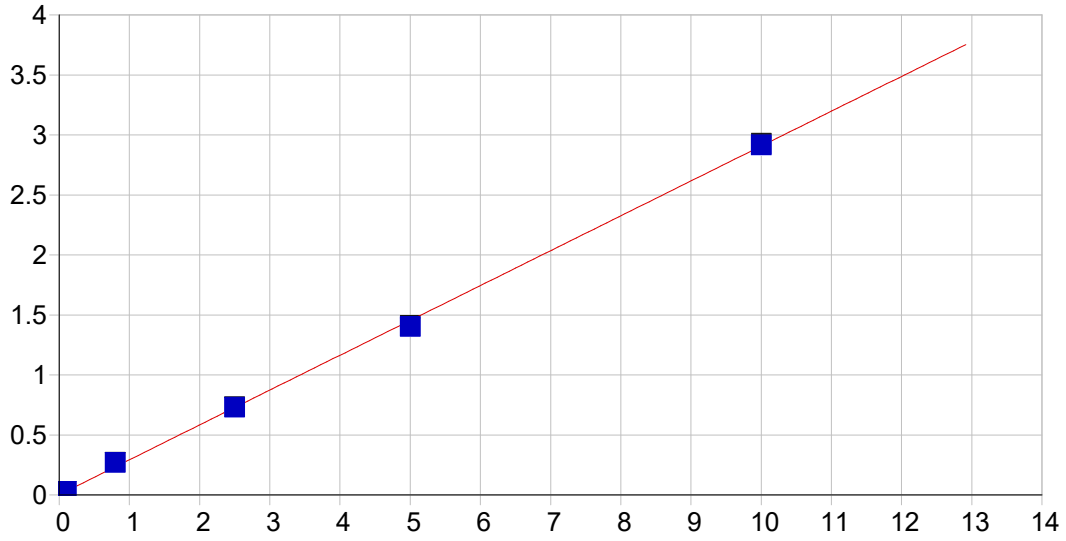
K 766.490 { 44}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000005	Re-Slope:	1.000000
A1 (Gain):	0.007114	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999860	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.025499		
Predicted MQL:	0.084998		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	-.00001	.000	1
S2	4.0000	4.3082	.308	7.70	.03064	.000	1
S3	12.500	12.570	.070	.560	.08942	.000	1
S4	25.000	24.926	-.074	-.296	.17732	.001	1
S5	50.000	49.720	-.280	-.560	.35370	.002	1
S1	2.0000	1.9760	-.024	-1.20	.01405	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



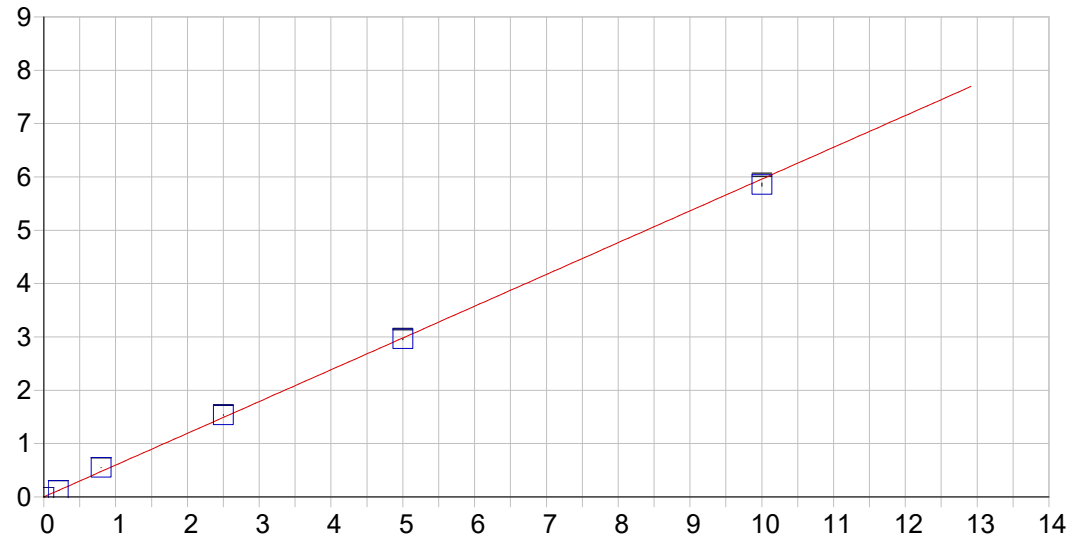
B 249.678 {135}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001935	Re-Slope:	1.000000
A1 (Gain):	0.290473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999292	Status:	OK.
Std Error of Est:	0.000572		
Predicted MDL:	0.000680		
Predicted MQL:	0.002266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00193	.000	1
S1	.10000	.10128	.001	1.28	.03120	.000	1
S3	2.5000	2.5119	.012	.476	.72931	.002	1
S4	5.0000	4.8243	-.176	-3.51	1.3987	.008	1
S5	10.000	10.037	.037	.375	2.9085	.013	1
S2	.80000	.92500	.125	15.6	.26990	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



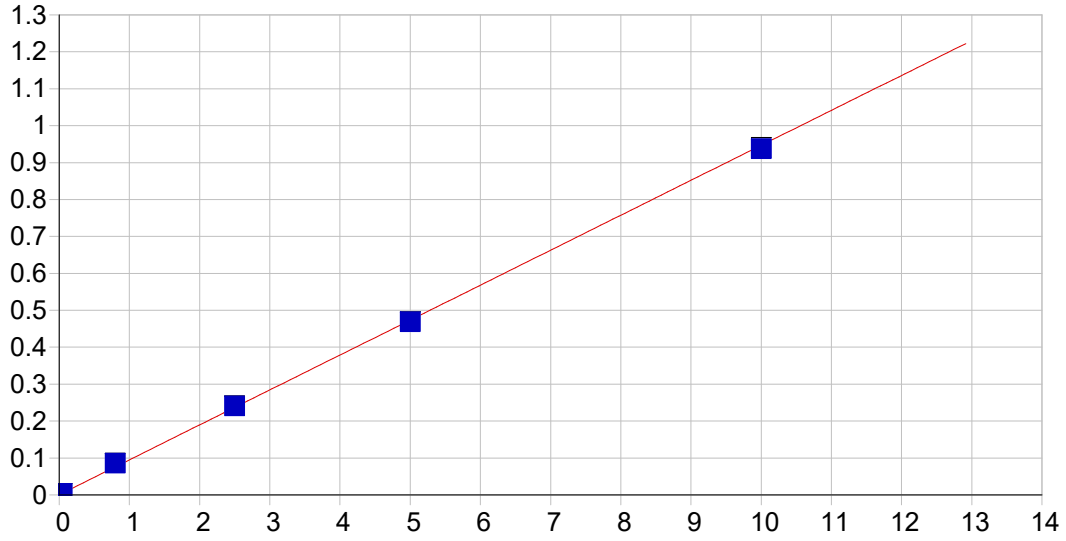
Mo 202.030 {467}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000293	Re-Slope:	1.000000
A1 (Gain):	0.595873	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999327	Status:	OK.
Std Error of Est:	0.001628		
Predicted MDL:	0.000270		
Predicted MQL:	0.000899		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00027	.000	1
S1	.20000	.20190	.002	.952	.12060	.001	1
S3	2.5000	2.5762	.076	3.05	1.5354	.007	1
S4	5.0000	4.9708	-.029	-.583	2.9623	.015	1
S5	10.000	9.8266	-.173	-1.73	5.8557	.029	1
S2	.80000	.92452	.125	15.6	.55119	.002	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



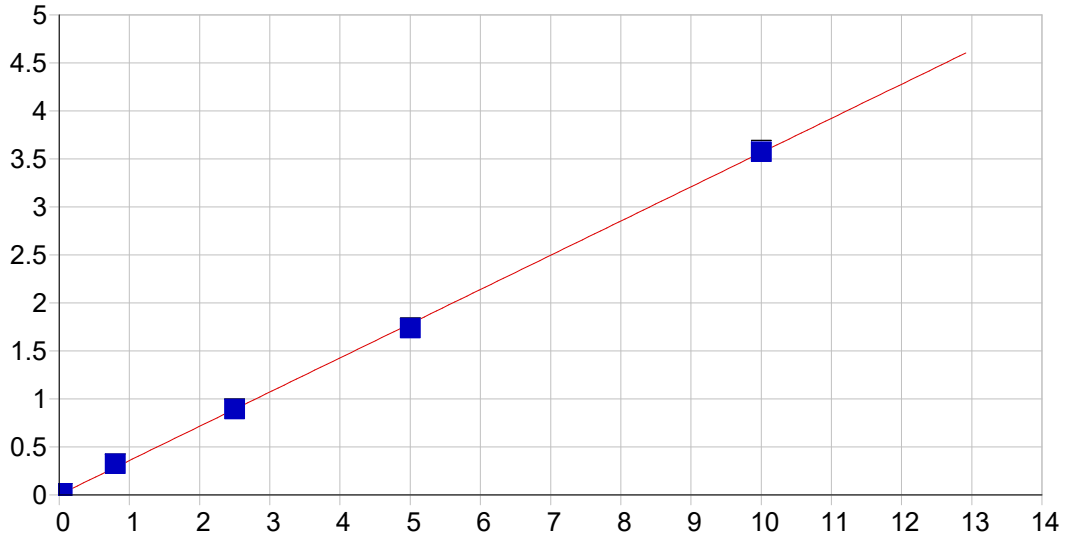
Sn 189.989 {478}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000273	Re-Slope:	1.000000
A1 (Gain):	0.094642	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999594	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.000814		
Predicted MQL:	0.002714		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.04000	.03979	-.000	-.525	.00403	.000	1
S3	2.5000	2.5390	.039	1.56	.24033	.001	1
S4	5.0000	4.9504	-.050	-.992	.46830	.001	1
S5	10.000	9.9091	-.091	-.909	.93712	.003	1
S2	.80000	.90175	.102	12.7	.08554	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



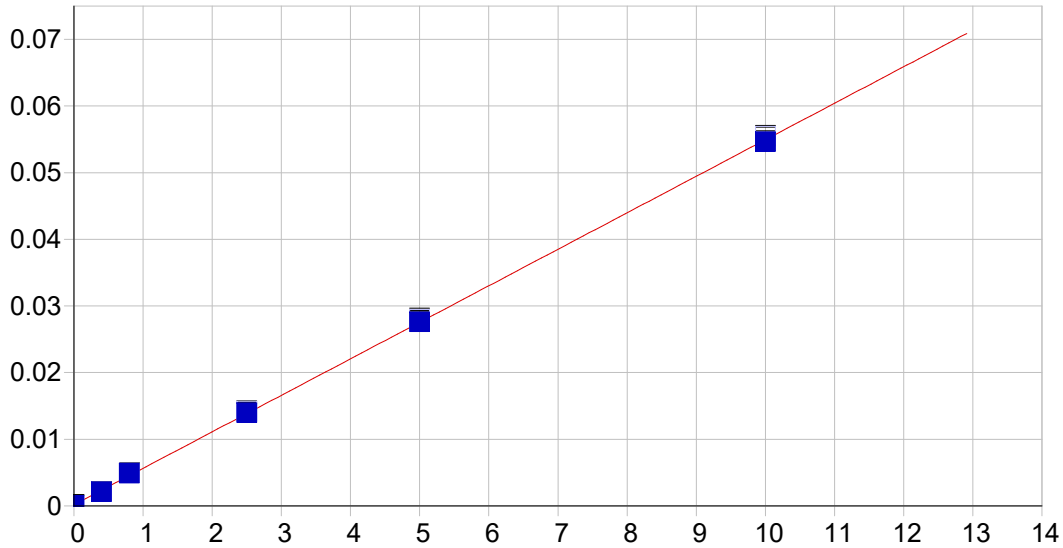
Ti 336.121 {100}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001739	Re-Slope:	1.000000
A1 (Gain):	0.356361	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999566	Status:	OK.
Std Error of Est:	0.000348		
Predicted MDL:	0.000653		
Predicted MQL:	0.002175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00174	.000	1
S1	.04000	.04028	.000	.691	.01608	.000	1
S3	2.5000	2.5053	.005	.210	.89419	.004	1
S4	5.0000	4.8683	-.132	-2.63	1.7360	.004	1
S5	10.000	10.027	.027	.267	3.5736	.017	1
S2	.80000	.89943	.099	12.4	.32216	.001	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



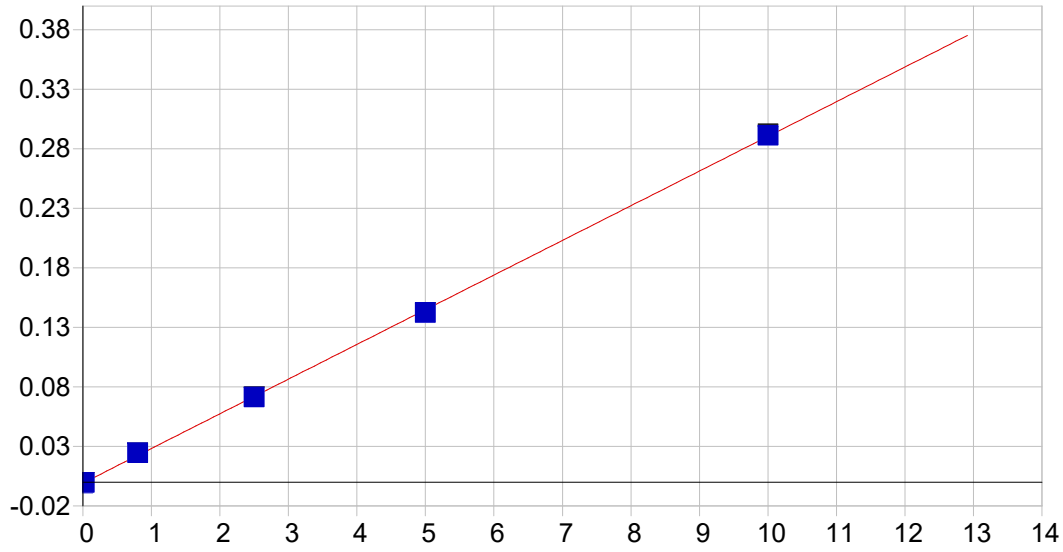
Si 288.158 {117}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000160	Re-Slope:	1.000000
A1 (Gain):	0.005478	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999707	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.006715		
Predicted MQL:	0.022382		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00016	.000	1
S1	.40000	.35277	-.047	-11.8	.00210	.000	1
S3	2.5000	2.5247	.025	.987	.01420	.000	1
S4	5.0000	5.0095	.009	.190	.02801	.000	1
S5	10.000	9.9482	-.052	-.518	.05548	.000	1
S2	.80000	.86427	.064	8.03	.00496	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



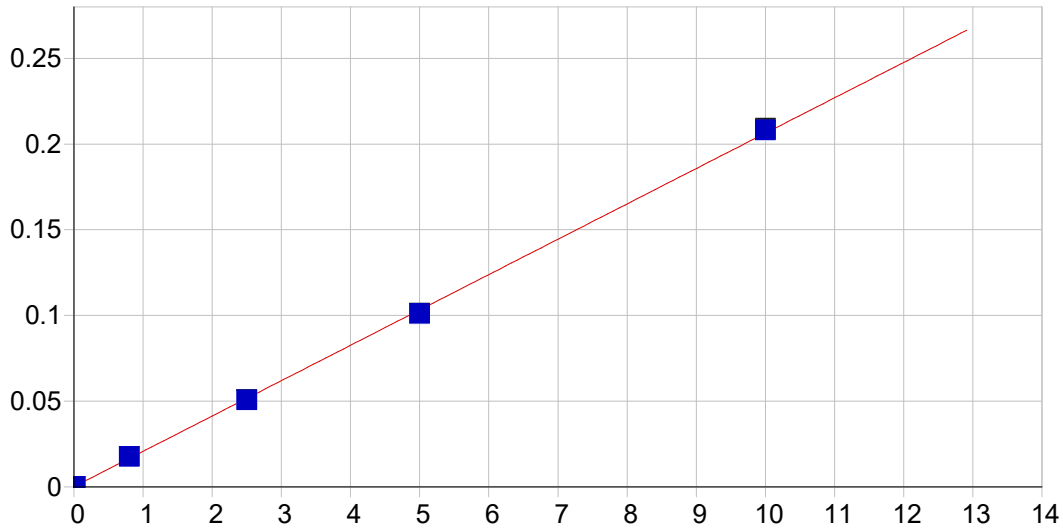
P 177.495 {490}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000865	Re-Slope:	1.000000
A1 (Gain):	0.029136	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999772	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.002848		
Predicted MQL:	0.009492		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00087	.000	1
S1	.02000	.01787	-.002	-10.7	-.00034	.000	1
S3	2.5000	2.4848	-.015	-.609	.07152	.000	1
S4	5.0000	4.9134	-.087	-1.73	.14227	.000	1
S5	10.000	10.032	.032	.323	.29139	.001	1
S2	.80000	.87172	.072	8.96	.02453	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



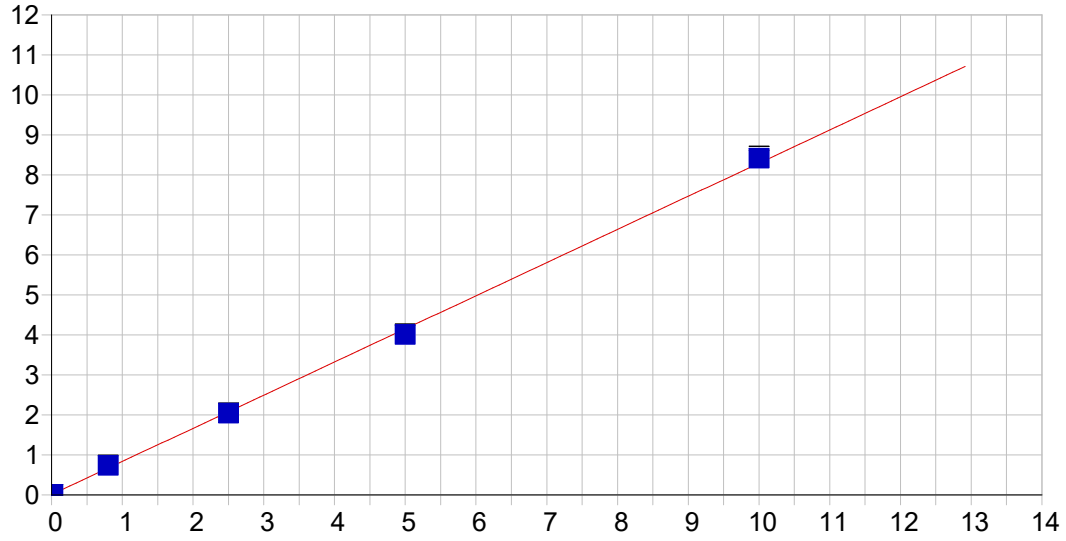
S 182.034 {485}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000120	Re-Slope:	1.000000
A1 (Gain):	0.020622	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999792	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.003532		
Predicted MQL:	0.011774		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.02000	.02053	.001	2.66	.00053	.000	1
S3	2.5000	2.4538	-.046	-1.85	.05059	.000	1
S4	5.0000	4.8966	-.103	-2.07	.10083	.000	1
S5	10.000	10.095	.095	.948	.20776	.001	1
S2	.80000	.85430	.054	6.79	.01769	.000	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



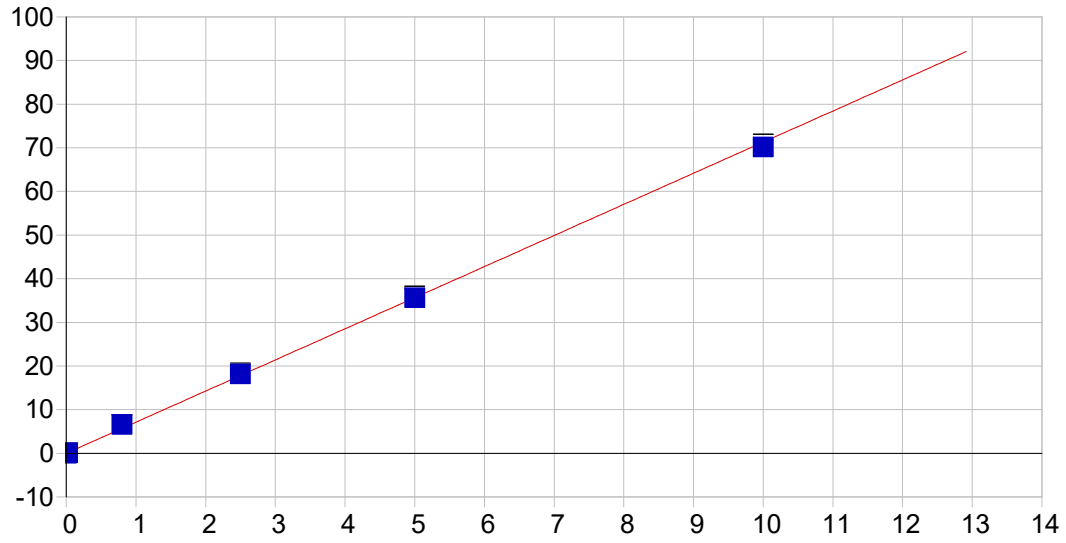
Li 670.784 { 50}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007392	Re-Slope:	1.000000
A1 (Gain):	0.828677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999537	Status:	OK.
Std Error of Est:	0.000591		
Predicted MDL:	0.001387		
Predicted MQL:	0.004622		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00739	.001	1
S5	10.000	10.144	.144	1.44	8.4174	.053	1
S4	5.0000	4.8237	-.176	-3.53	4.0067	.016	1
S3	2.5000	2.4567	-.043	-1.73	2.0443	.011	1
S1	.02000	.01762	-.002	-11.9	.02226	.001	1
S2	.80000	.87834	.078	9.79	.73559	.005	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289



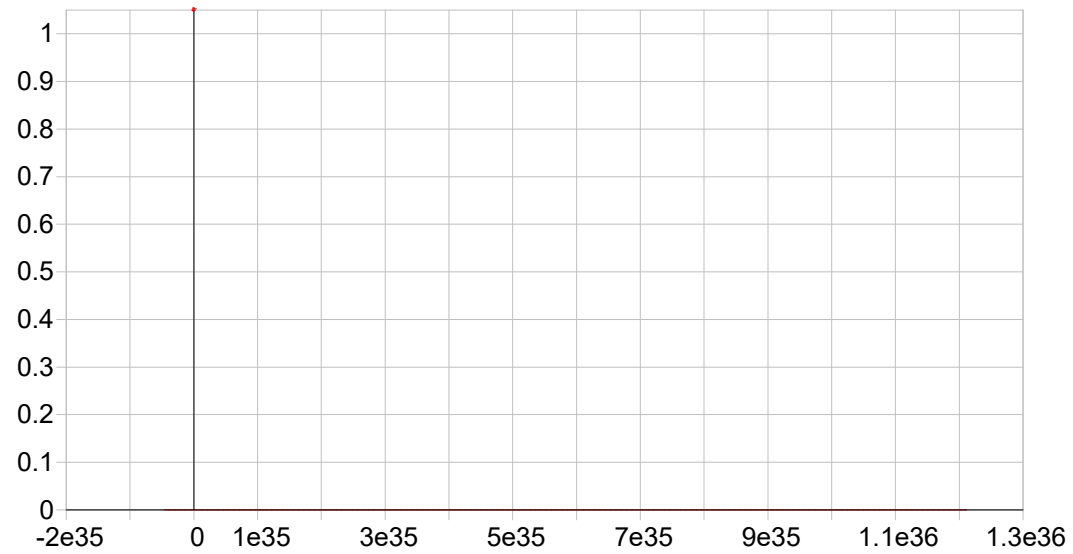
Sr 407.771 { 83}

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000032	Re-Slope:	1.000000
A1 (Gain):	7.129825	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999423	Status:	OK.
Std Error of Est:	0.005685		
Predicted MDL:	0.000064		
Predicted MQL:	0.000213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02020	.000	1.01	.14463	.001	1
S3	2.5000	2.5462	.046	1.85	18.170	.191	1
S4	5.0000	4.9981	-.002	-.039	35.667	.380	1
S5	10.000	9.8366	-.163	-1.63	70.196	.659	1
S2	.80000	.91895	.119	14.9	6.5570	.019	1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

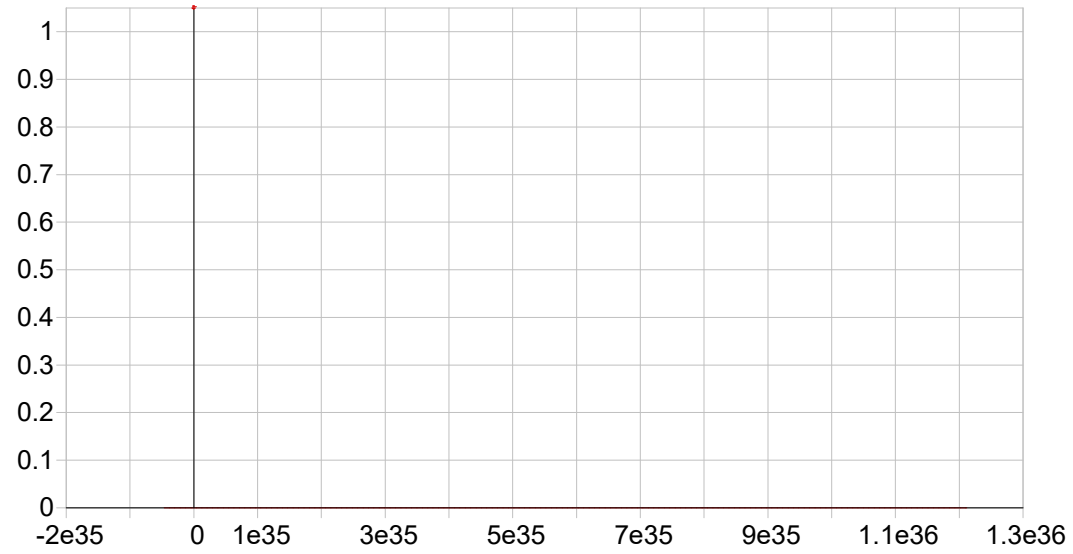


Y 224.306 {450}*

Date of Fit:	4/3/2025 10:56:17	Type of Fit:	Linear	Weighting:	1/Conc

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

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



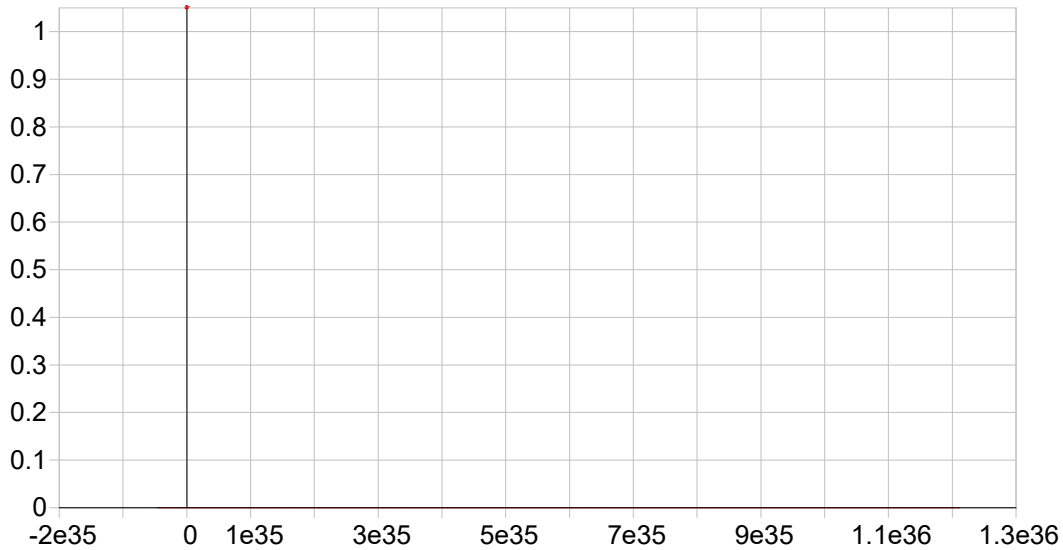
Y 360.073 { 94}*

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

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

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

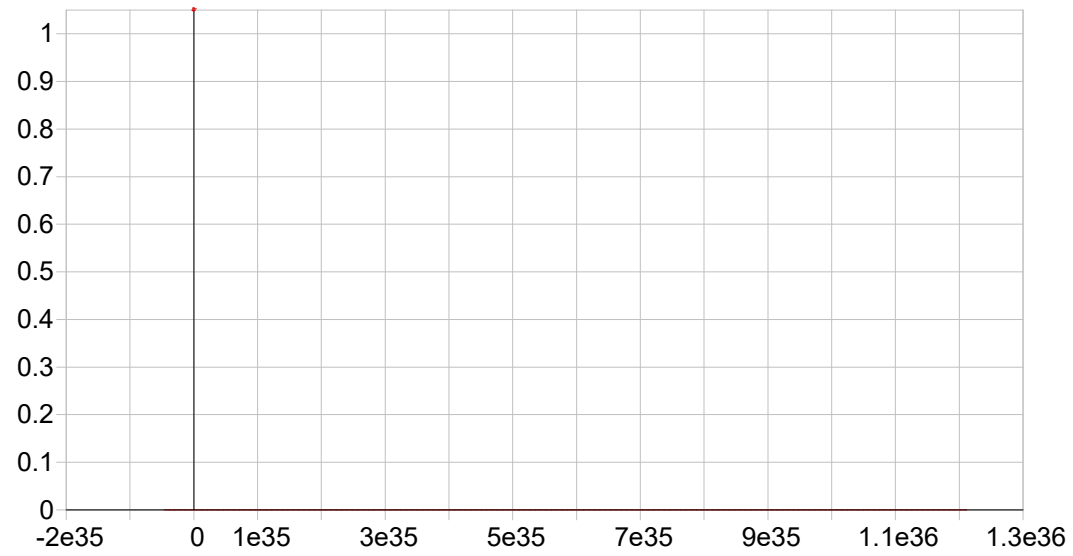
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



Y 371.030 { 91}*

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

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

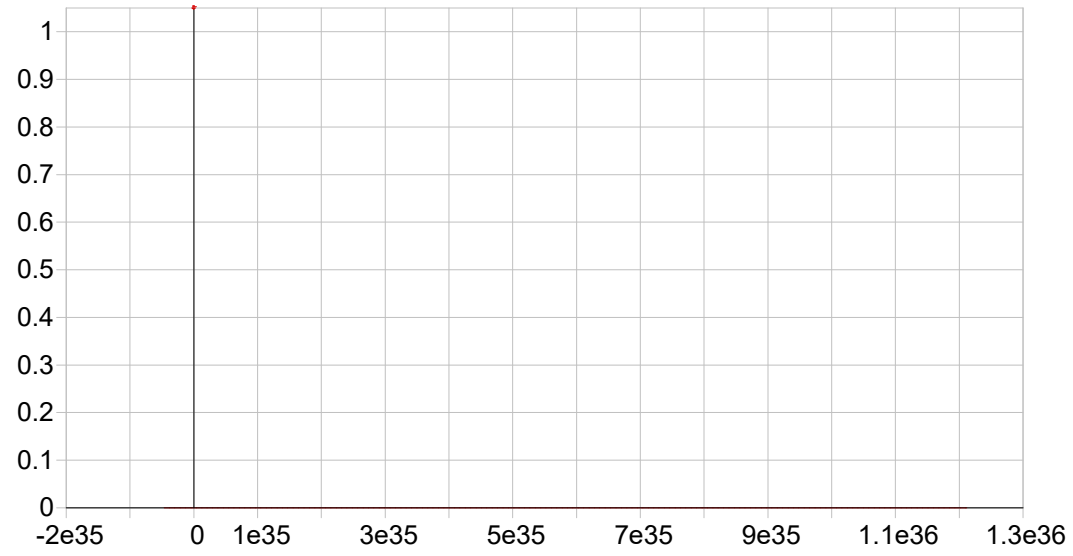


Y 224.306 {150}*

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

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

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



In 230.606 {446}*

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

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

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

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

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S0 Acquired: 4/3/2025 10:22:12 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	-.00013	-.00008	-.00015	.00031	.00030	.00030	.02822	-.00044
Stddev	.00008	.00008	.00005	.00007	.00003	.00041	.00262	.00014
%RSD	57.596	101.09	31.607	21.589	10.839	138.65	9.2974	30.844
#1	-.00018	-.00018	-.00012	.00038	.00033	-.00017	.02679	-.00059
#2	-.00018	-.00004	-.00013	.00025	.00027	.00060	.02663	-.00033
#3	-.00005	-.00003	-.00021	.00030	.00030	.00047	.03125	-.00040

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	-.00008	.00005	.00008	.00003	-.00059	.00004	.00171	-.00001
Stddev	.00014	.00018	.00001	.00009	.00012	.00001	.00009	.00002
%RSD	167.70	328.49	14.650	362.78	20.188	14.294	5.3214	127.81
#1	.00002	-.00008	.00007	.00005	-.00045	.00004	.00171	-.00004
#2	-.00003	.00026	.00008	-.00008	-.00068	.00004	.00180	-.00001
#3	-.00025	-.00001	.00009	.00010	-.00062	.00005	.00162	-.00000

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00021	-.00128	.00198	.00002	.00488	-.00001	.00193	.00027
Stddev	.00013	.00004	.00015	.00008	.00012	.00009	.00021	.00008
%RSD	59.946	2.9337	7.4225	381.60	2.3647	1603.0	10.656	28.470
#1	-.00023	-.00125	.00200	.00003	.00483	-.00007	.00201	.00035
#2	-.00008	-.00132	.00182	-.00006	.00479	.00010	.00208	.00027
#3	-.00033	-.00127	.00211	.00009	.00501	-.00005	.00170	.00020

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	.00027	.00174	.00016	-.00087	.00012	.00739	-.00005
Stddev	.00009	.00009	.00003	.00004	.00001	.00075	.00025
%RSD	32.579	5.3931	18.769	5.0237	7.4864	10.196	450.78
#1	.00018	.00170	.00014	-.00084	.00011	.00761	-.00033
#2	.00028	.00167	.00019	-.00084	.00012	.00655	.00014
#3	.00036	.00184	.00015	-.00092	.00013	.00801	.00003

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S0 Acquired: 4/3/2025 10:22:12 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	3484.8	80357.	16641.	2412.2	5519.2
Stddev	6.1	333.	193.	8.9	12.0
%RSD	.17471	.41463	1.1622	.36952	.21754
#1	3478.1	79980.	16799.	2402.7	5509.9
#2	3486.5	80481.	16426.	2413.3	5532.7
#3	3489.9	80611.	16700.	2420.4	5514.8

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S1 Acquired: 4/3/2025 10:26:35 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	.00081	.00200	.00191	.00131	.00628	.00734	.23593	.01578
Stddev	.00002	.00004	.00012	.00015	.00015	.00033	.00095	.00016
%RSD	2.2796	2.2183	6.4457	11.740	2.4152	4.5050	.40425	1.0278
#1	.00082	.00196	.00184	.00135	.00640	.00714	.23703	.01561
#2	.00083	.00205	.00205	.00114	.00611	.00716	.23541	.01579
#3	.00079	.00198	.00184	.00144	.00632	.00772	.23535	.01593

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	.01205	.09705	.00158	.02201	.01393	.00055	.00969	.02231
Stddev	.00004	.00019	.00001	.00004	.00008	.00002	.00020	.00005
%RSD	.32294	.19464	.73363	.18614	.58987	3.0430	2.0847	.20825
#1	.01202	.09719	.00157	.02199	.01403	.00053	.00955	.02228
#2	.01203	.09683	.00159	.02206	.01388	.00055	.00992	.02237
#3	.01209	.09712	.00158	.02199	.01389	.00056	.00959	.02229

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	.02001	.00121	.04298	.00447	.10285	.01405	.03120	.12060
Stddev	.00003	.00008	.00022	.00005	.00153	.00015	.00023	.00079
%RSD	.17484	6.4665	.52022	1.0870	1.4890	1.0590	.74543	.65878
#1	.01997	.00129	.04273	.00442	.10129	.01396	.03137	.12034
#2	.02004	.00121	.04311	.00447	.10293	.01422	.03093	.11997
#3	.02002	.00113	.04311	.00452	.10435	.01398	.03129	.12150

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	.00403	.01608	.00210	-.00034	.00053	.02226	.14463
Stddev	.00001	.00022	.00004	.00001	.00001	.00072	.00092
%RSD	.21656	1.3393	1.9513	3.4652	2.3417	3.2309	.63405
#1	.00404	.01624	.00206	-.00035	.00053	.02272	.14363
#2	.00404	.01617	.00214	-.00033	.00051	.02263	.14483
#3	.00403	.01584	.00208	-.00035	.00053	.02143	.14543

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S1 Acquired: 4/3/2025 10:26:35 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	3469.5	80773.	17036.	2399.9	5437.8
Stddev	20.2	125.	63.	.8	21.3
%RSD	.58331	.15441	.37188	.03379	.39235
#1	3473.5	80904.	16987.	2400.1	5445.1
#2	3487.4	80761.	17108.	2399.0	5454.6
#3	3447.5	80655.	17014.	2400.5	5413.8

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S2 Acquired: 4/3/2025 10:30:52 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	.04156	.04780	.15894	.04590	.10930	.12180	3.7278	.12679
Stddev	.00032	.00030	.00039	.00018	.00066	.00056	.0131	.00035
%RSD	.76771	.62123	.24445	.40043	.60255	.46040	.35013	.27644
#1	.04128	.04752	.15921	.04570	.10873	.12147	3.7197	.12703
#2	.04150	.04778	.15849	.04606	.10915	.12245	3.7429	.12695
#3	.04191	.04811	.15911	.04595	.11002	.12148	3.7209	.12639

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	.92309	.21790	.02852	.33683	.15048	.00456	.20105	.04695
Stddev	.00211	.00014	.00036	.00132	.00079	.00006	.00065	.00008
%RSD	.22854	.06274	1.2592	.39096	.52390	1.2093	.32490	.17387
#1	.92309	.21798	.02875	.33730	.14975	.00457	.20030	.04686
#2	.92098	.21774	.02811	.33535	.15036	.00450	.20135	.04702
#3	.92520	.21797	.02871	.33785	.15131	.00461	.20149	.04696

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	.23012	.05615	.09497	.05198	1.0995	.03064	.26990	.55119
Stddev	.00050	.00065	.00127	.00009	.0149	.00042	.00075	.00231
%RSD	.21748	1.1621	1.3349	.16708	1.3549	1.3815	.27698	.41958
#1	.23021	.05651	.09503	.05188	1.1064	.03061	.27008	.54953
#2	.22958	.05539	.09367	.05205	1.0824	.03024	.27054	.55020
#3	.23057	.05654	.09620	.05201	1.1097	.03108	.26908	.55383

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	.08554	.32216	.00496	.02453	.01769	.73559	6.5570
Stddev	.00032	.00093	.00002	.00009	.00004	.00477	.0194
%RSD	.37337	.28809	.44144	.35978	.22373	.64834	.29536
#1	.08549	.32182	.00497	.02463	.01767	.73285	6.5430
#2	.08525	.32321	.00494	.02446	.01768	.74109	6.5791
#3	.08588	.32144	.00498	.02450	.01774	.73282	6.5488

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S2 Acquired: 4/3/2025 10:30:52 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	3381.0	79033.	16488.	2301.6	5282.8
Stddev	11.0	1103.	22.	31.5	9.4
%RSD	.32648	1.3952	.13614	1.3691	.17856
#1	3392.6	78631.	16469.	2287.2	5289.5
#2	3379.8	80280.	16482.	2337.7	5286.8
#3	3370.7	78187.	16513.	2279.9	5272.0

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S3 Acquired: 4/3/2025 10:34:56 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	.11802	.13531	.44515	.12918	.30878	.34219	10.393	.34592
Stddev	.00053	.00087	.00157	.00067	.00114	.00076	.110	.00094
%RSD	.44707	.64423	.35299	.51528	.36825	.22262	1.0600	.27038
#1	.11788	.13479	.44386	.12902	.30802	.34151	10.294	.34518
#2	.11757	.13484	.44470	.12860	.30824	.34301	10.512	.34697
#3	.11860	.13632	.44690	.12991	.31009	.34206	10.373	.34561

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	2.5903	.60897	.08014	.94057	.41635	.01289	.54900	.12981
Stddev	.0073	.00205	.00020	.00224	.00084	.00005	.00254	.00059
%RSD	.28179	.33629	.24601	.23782	.20217	.37813	.46197	.45306
#1	2.5834	.60762	.07993	.93847	.41589	.01285	.54865	.12949
#2	2.5895	.61133	.08019	.94032	.41584	.01289	.55169	.13049
#3	2.5979	.60797	.08031	.94292	.41733	.01295	.54666	.12946

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	.64165	.15865	.27352	.14596	3.0656	.08942	.72931	1.5354
Stddev	.00078	.00065	.00108	.00064	.0091	.00022	.00163	.0067
%RSD	.12099	.41123	.39494	.43765	.29529	.24784	.22401	.43559
#1	.64087	.15797	.27248	.14603	3.0706	.08916	.72806	1.5310
#2	.64167	.15871	.27343	.14657	3.0552	.08952	.73116	1.5320
#3	.64242	.15928	.27464	.14530	3.0712	.08956	.72872	1.5431

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	.24033	.89419	.01420	.07152	.05059	2.0443	18.170
Stddev	.00076	.00361	.00006	.00026	.00011	.0110	.191
%RSD	.31468	.40380	.44898	.36386	.21677	.53815	1.0501
#1	.23952	.89409	.01412	.07152	.05071	2.0458	18.156
#2	.24045	.89785	.01422	.07126	.05049	2.0544	18.367
#3	.24102	.89063	.01425	.07178	.05057	2.0326	17.986

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S3 Acquired: 4/3/2025 10:34:56 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	3301.0	76436.	16664.	2192.7	5076.1
Stddev	11.3	244.	64.	7.4	12.2
%RSD	.34116	.31900	.38588	.33627	.24075
#1	3305.2	76715.	16678.	2189.7	5084.3
#2	3309.5	76330.	16594.	2201.2	5082.0
#3	3288.2	76263.	16721.	2187.4	5062.1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S4 Acquired: 4/3/2025 10:39:11 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	.23172	.25385	.86533	.25283	.60648	.67138	20.314	.65914
Stddev	.00128	.00216	.00244	.00096	.00386	.00301	.114	.00381
%RSD	.55353	.85067	.28163	.37953	.63666	.44840	.55992	.57757
#1	.23098	.25139	.86319	.25208	.60535	.66793	20.291	.65501
#2	.23098	.25541	.86482	.25251	.60330	.67272	20.214	.66250
#3	.23320	.25476	.86799	.25391	.61077	.67348	20.438	.65991

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.0797	1.1806	.15347	1.8363	.80563	.02478	1.0444	.25226
Stddev	.0089	.0010	.00037	.0029	.00331	.00016	.0025	.00086
%RSD	.17619	.08753	.23947	.15651	.41055	.65061	.24190	.34008
#1	5.0697	1.1795	.15367	1.8333	.80377	.02494	1.0432	.25212
#2	5.0827	1.1810	.15305	1.8365	.80367	.02462	1.0426	.25318
#3	5.0868	1.1815	.15370	1.8391	.80945	.02478	1.0472	.25148

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	1.2465	.30673	.54184	.28505	5.8956	.17732	1.3987	2.9623
Stddev	.0011	.00048	.00261	.00095	.0155	.00100	.0081	.0147
%RSD	.09107	.15759	.48215	.33489	.26343	.56275	.57991	.49578
#1	1.2452	.30687	.54276	.28396	5.8966	.17730	1.3897	2.9534
#2	1.2471	.30619	.53890	.28545	5.8796	.17633	1.4054	2.9543
#3	1.2473	.30712	.54387	.28575	5.9106	.17832	1.4011	2.9792

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	.46830	1.7360	.02801	.14227	.10083	4.0067	35.667
Stddev	.00122	.0042	.00016	.00017	.00028	.0163	.380
%RSD	.26091	.24107	.57342	.11770	.27837	.40625	1.0651
#1	.46697	1.7321	.02807	.14221	.10051	3.9941	36.091
#2	.46859	1.7354	.02783	.14214	.10094	4.0010	35.552
#3	.46936	1.7404	.02813	.14246	.10103	4.0251	35.357

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S4 Acquired: 4/3/2025 10:39:11 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	3161.4	74679.	16460.	2108.7	4790.1
Stddev	17.4	244.	41.	11.0	16.9
%RSD	.55135	.32615	.24749	.52198	.35332
#1	3171.6	74431.	16489.	2102.8	4805.7
#2	3171.2	74918.	16413.	2121.4	4792.5
#3	3141.2	74690.	16477.	2101.9	4772.1

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S5 Acquired: 4/3/2025 10:43:22 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	.46196	.50535	1.7273	.49956	1.2108	1.3978	40.917	1.3619
Stddev	.00258	.00219	.0080	.00321	.0064	.0035	.695	.0029
%RSD	.55842	.43292	.46131	.64312	.53188	.25231	1.6987	.21670
#1	.46492	.50553	1.7343	.50289	1.2160	1.4014	41.166	1.3596
#2	.46019	.50744	1.7186	.49647	1.2036	1.3944	40.131	1.3608
#3	.46078	.50308	1.7288	.49932	1.2127	1.3975	41.453	1.3652

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	10.209	2.4065	.30097	3.7058	1.5734	.04797	2.1393	.52262
Stddev	.043	.0077	.00072	.0158	.0083	.00023	.0087	.00148
%RSD	.42137	.31853	.24014	.42529	.52819	.47015	.40581	.28348
#1	10.249	2.4121	.30016	3.7188	1.5820	.04818	2.1461	.52310
#2	10.164	2.3978	.30155	3.6882	1.5654	.04773	2.1295	.52096
#3	10.215	2.4098	.30121	3.7103	1.5729	.04799	2.1423	.52381

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5032	.61261	1.0763	.58353	11.525	.35370	2.9085	5.8557
Stddev	.0115	.00135	.0058	.00229	.036	.00221	.0130	.0290
%RSD	.46049	.22035	.53925	.39186	.31620	.62603	.44663	.49484
#1	2.5125	.61379	1.0829	.58527	11.551	.35625	2.9167	5.8857
#2	2.4903	.61114	1.0739	.58094	11.483	.35237	2.8935	5.8279
#3	2.5068	.61290	1.0721	.58438	11.540	.35246	2.9153	5.8535

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	.93712	3.5736	.05548	.29139	.20776	8.4174	70.196
Stddev	.00306	.0167	.00013	.00114	.00102	.0533	.659
%RSD	.32702	.46712	.22597	.39119	.48937	.63330	.93905
#1	.94015	3.5903	.05559	.29207	.20863	8.4691	70.148
#2	.93402	3.5569	.05550	.29008	.20664	8.3626	69.562
#3	.93719	3.5736	.05534	.29203	.20801	8.4204	70.878

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: S5 Acquired: 4/3/2025 10:43:22 Type: Cal
Method: NON EPA-6010-200.7(v2880) 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	3112.2	74003.	15457.	2062.9	4598.8
Stddev	14.5	71.	59.	11.2	18.6
%RSD	.46523	.09570	.38065	.54439	.40430
#1	3098.8	73941.	15471.	2055.6	4584.2
#2	3127.5	74080.	15508.	2075.8	4619.7
#3	3110.2	73989.	15392.	2057.3	4592.4

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICV01 Acquired: 4/3/2025 12:06:34 Type: Unk
Method: NON EPA-6010-200.7(v2881) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.043948	1.098001	1.013116	1.047931	1.068526	2.604557
Stddev	.000577	.006043	.001403	.006175	.001715	.013889
%RSD	.0552800	.5503410	.1384441	.5892901	.1605125	.5332469
#1	1.043669	1.091896	1.013023	1.049244	1.068972	2.615708
#2	1.043564	1.098127	1.011762	1.053345	1.069975	2.588999
#3	1.044612	1.103979	1.014563	1.041205	1.066633	2.608963

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4946176	.4944679	.5110361	9.998329	.5293916	.5198204
Stddev	.0024051	.0018757	.0009343	.043028	.0008532	.0007445
%RSD	.4862447	.3793374	.1828294	.4303522	.1611566	.1432140
#1	.4962102	.4926405	.5108733	10.02502	.5298140	.5202349
#2	.4957916	.4943747	.5101939	10.02128	.5284096	.5189609
#3	.4918510	.4963885	.5120411	9.94869	.5299510	.5202652

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5156743	10.29508	.5007457	5.778889	.5490241	.2611828
Stddev	.0011288	.07292	.0021169	.025306	.0011471	.0019055
%RSD	.2189031	.7082887	.4227414	.4379124	.2089426	.7295718
#1	.5164335	10.35501	.5018026	5.791391	.5490442	.2632798
#2	.5143772	10.31633	.5021259	5.795511	.5478671	.2607114
#3	.5162123	10.21389	.4983085	5.749764	.5501611	.2595573

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52316	.4972676	1.029737	10.17129	2.375974	2.638634
Stddev	.09510	.0024623	.002826	.11518	.004817	.001630
%RSD	.9037113	.4951613	.2743926	1.132362	.2027545	.0617746
#1	10.63098	.4993240	1.031176	10.29389	2.374121	2.637732
#2	10.48727	.4979397	1.026482	10.15462	2.372358	2.637654
#3	10.45122	.4945390	1.031553	10.06536	2.381443	2.640516

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICV01 Acquired: 4/3/2025 12:06:34 Type: Unk
Method: NON EPA-6010-200.7(v2881) 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	2.476959	2.429681	2.606325	F -.000165	F -.006675	F .0015750
Stddev	.005805	.008514	.015147	.002506	.003243	.0005152
%RSD	.2343636	.3504197	.5811628	1523.047	48.57417	32.70842
#1	2.473536	2.436920	2.622094	.001470	-.009832	.0009934
#2	2.473679	2.431823	2.591888	-.003050	-.003354	.0019740
#3	2.483661	2.420300	2.604994	.001087	-.006840	.0017574

Elem	Sr4077
Units	ppm
Avg	F -.007731
Stddev	.000090
%RSD	1.160595
#1	-.007780
#2	-.007786
#3	-.007627

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.234	73763.45	16769.10	2024.748	5036.616
Stddev	5.963	275.83	22.77	8.406	4.851
%RSD	.1892896	.3739378	.1357973	.4151523	.0963172
#1	3144.182	73446.43	16795.35	2016.499	5031.758
#2	3150.416	73895.44	16757.38	2024.443	5036.629
#3	3156.104	73948.49	16754.58	2033.303	5041.460

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: LLICV01 Acquired: 4/3/2025 12:11:26 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0206258	.0398237	.0111111	.0176337	.0506736	.1083144	.0889428
Stddev	.0011633	.0015286	.0006118	.0027369	.0013051	.0031677	.0000804
%RSD	5.639817	3.838436	5.506613	15.52064	2.575584	2.924533	.0903595
#1	.0208276	.0380718	.0104056	.0153056	.0521794	.1106574	.0889078
#2	.0216750	.0405136	.0114311	.0206485	.0498688	.1095755	.0888858
#3	.0193749	.0408858	.0114965	.0169469	.0499725	.1047104	.0890347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057763	.0057623	1.971922	.0097594	.0287188	.0227667	.1020014
Stddev	.0000481	.0000173	.017171	.0001856	.0000572	.0001958	.0035784
%RSD	.8330270	.3001972	.8707966	1.901420	.1993103	.8601613	3.508214
#1	.0058292	.0057612	1.957187	.0097386	.0287732	.0228420	.0995891
#2	.0057352	.0057455	1.967800	.0095851	.0287242	.0225444	.1003023
#3	.0057645	.0057801	1.990780	.0099545	.0286591	.0229137	.1061128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168441	2.009640	.0385655	.0104034	1.986810	.0392294	.0454473
Stddev	.0003470	.014596	.0002328	.0003374	.020206	.0020345	.0001891
%RSD	2.060086	.7263024	.6035977	3.243327	1.017024	5.186263	.4161542
#1	.0165563	1.995976	.0386104	.0100188	1.985836	.0387173	.0456258
#2	.0167466	2.007927	.0383135	.0105421	1.967108	.0374999	.0452491
#3	.0172294	2.025017	.0387725	.0106494	2.007486	.0414711	.0454671

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.901595	.0989791	.2061462	.0384499	.0393907	.3704675	.0180405
Stddev	.016187	.0001474	.0005998	.0003613	.0008745	.0073135	.0015425
%RSD	.8512240	.1489023	.2909739	.9397253	2.220160	1.974116	8.550021
#1	1.882944	.0988126	.2066283	.0382699	.0393504	.3765384	.0183776
#2	1.909857	.0990928	.2063358	.0382139	.0385370	.3725158	.0193865
#3	1.911984	.0990319	.2054745	.0388659	.0402847	.3623483	.0163573

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: LLICV01 Acquired: 4/3/2025 12:11:26 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0166215	.0174565	.0192183
Stddev	.0036918	.0010584	.0001693
%RSD	22.21119	6.063051	.8807304
#1	.0131383	.0164871	.0190245
#2	.0162348	.0172965	.0192932
#3	.0204915	.0185857	.0193372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.666	75291.51	16782.81	2075.891	5262.014
Stddev	3.827	253.75	26.69	11.184	9.081
%RSD	.1182886	.3370279	.1590608	.5387722	.1725706
#1	3234.627	74999.31	16813.60	2068.074	5254.521
#2	3239.905	75418.70	16768.56	2070.896	5272.113
#3	3232.465	75456.51	16766.26	2088.702	5259.408

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICB01 Acquired: 4/3/2025 12:15:43 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0013080	.0006020	-.000275	-.001356	-.000693	-.001738	-.005019
Stddev	.0023310	.0013589	.000397	.001082	.000643	.002735	.000525
%RSD	178.2135	225.7218	144.6029	79.77962	92.70934	157.3548	10.45439
#1	-.000336	-.000847	.000068	-.001741	-.001122	.001008	-.004767
#2	.000284	.001848	-.000182	-.002193	-.001003	-.001761	-.005623
#3	.003976	.000805	-.000710	-.000134	.000046	-.004462	-.004669

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001320	.0000299	.0051263	-.000053	-.000193	-.000058	-.005261
Stddev	.0000594	.0000884	.0022277	.000155	.000068	.000278	.004812
%RSD	45.01882	295.6455	43.45575	294.8712	35.29261	475.1798	91.46054
#1	.0001968	-.000043	.0047042	-.000113	-.000255	.000209	-.004006
#2	.0000801	.000128	.0031399	-.000169	-.000120	-.000345	-.010576
#3	.0001190	.000005	.0075348	.000124	-.000204	-.000039	-.001201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000628	-.007347	.0001608	.0005150	-.022918	-.000494	-.000417
Stddev	.000220	.005137	.0000591	.0001291	.007451	.001076	.000116
%RSD	35.11277	69.91880	36.73891	25.06450	32.51191	217.8960	27.73924
#1	-.000746	-.001819	.0001342	.0005106	-.026545	.000639	-.000442
#2	-.000764	-.011973	.0002284	.0006463	-.027862	-.001501	-.000518
#3	-.000374	-.008249	.0001196	.0003882	-.014348	-.000619	-.000291

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047507	.0004997	-.000100	-.000002	.0011909	.0020893	-.001853
Stddev	.013776	.0005626	.000203	.001062	.0004284	.0032775	.000605
%RSD	28.99869	112.5970	202.7788	67619.43	35.97505	156.8706	32.63196
#1	-.049550	.0005178	-.000094	-.000115	.0008546	.0033173	-.002541
#2	-.032823	.0010530	-.000307	-.001002	.0016732	.0045755	-.001613
#3	-.060148	-.000072	.000100	.001113	.0010447	-.001625	-.001405

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICB01 Acquired: 4/3/2025 12:15:43 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.003448	-.001542	-.000015
Stddev	.000753	.001599	.000027
%RSD	21.83765	103.6865	181.7164
#1	-.003490	-.002739	.000007
#2	-.004179	-.002160	-.000044
#3	-.002675	.000274	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.969	75067.28	15919.42	2068.158	5281.796
Stddev	9.494	845.52	112.34	23.934	6.610
%RSD	.2962143	1.126351	.7056777	1.157241	.1251501
#1	3213.876	74091.46	16037.77	2044.419	5288.689
#2	3206.051	75582.13	15906.25	2092.281	5275.511
#3	3194.981	75528.27	15814.25	2067.775	5281.187

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CRI01 Acquired: 4/3/2025 12:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0209522	.0411480	.0115639	.0204245	.0525591	.1080914	.0828320
Stddev	.0014038	.0002639	.0005484	.0005423	.0001767	.0045212	.0005365
%RSD	6.699964	.6413505	4.742083	2.655261	.3360890	4.182796	.6477195
#1	.0213742	.0414458	.0109370	.0209530	.0526071	.1079858	.0833646
#2	.0193858	.0409432	.0118007	.0204512	.0523634	.1036239	.0822916
#3	.0220966	.0410549	.0119542	.0198693	.0527068	.1126646	.0828397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059076	.0057575	1.937373	.0099986	.0289276	.0227789	.1096297
Stddev	.0000502	.0000969	.008398	.0001297	.0003294	.0000892	.0015592
%RSD	.8504842	1.682869	.4334690	1.297579	1.138678	.3915807	1.422219
#1	.0059654	.0058693	1.931792	.0100375	.0285717	.0226781	.1109175
#2	.0058753	.0057026	1.933296	.0101044	.0292218	.0228475	.1100753
#3	.0058820	.0057005	1.947031	.0098538	.0289893	.0228111	.1078962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164008	2.016167	.0387039	.0106797	1.946443	.0385363	.0427616
Stddev	.0002451	.010516	.0004363	.0002887	.017691	.0008875	.0006197
%RSD	1.494459	.5216069	1.127258	2.703381	.9088940	2.302977	1.449216
#1	.0163541	2.025498	.0383599	.0104542	1.941908	.0377054	.0434047
#2	.0166658	2.004771	.0391947	.0110051	1.965960	.0384324	.0427119
#3	.0161823	2.018231	.0385573	.0105797	1.931460	.0394712	.0421683

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.849713	.0969204	.2108738	.0386745	.0390050	.3660412	.0153192
Stddev	.018735	.0010929	.0008438	.0007730	.0003222	.0050858	.0032879
%RSD	1.012880	1.127628	.4001267	1.998804	.8260620	1.389411	21.46250
#1	1.829240	.0977996	.2099067	.0378786	.0386432	.3680183	.0136688
#2	1.853895	.0956968	.2114598	.0394224	.0392611	.3698416	.0191054
#3	1.866004	.0972650	.2112549	.0387226	.0391107	.3602638	.0131835

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CRI01 Acquired: 4/3/2025 12:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0175343	.0168689	.0186382
Stddev	.0036203	.0009636	.0000667
%RSD	20.64679	5.712141	.3579156
#1	.0145473	.0172518	.0187151
#2	.0164950	.0157727	.0186044
#3	.0215606	.0175821	.0185953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.194	74332.21	16439.75	2015.975	5147.316
Stddev	2.789	239.09	82.06	4.624	10.557
%RSD	.0887148	.3216522	.4991860	.2293667	.2050999
#1	3147.282	74582.33	16423.86	2013.735	5151.059
#2	3141.858	74105.93	16528.59	2012.897	5135.398
#3	3143.441	74308.39	16366.79	2021.292	5155.493

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSA01 Acquired: 4/3/2025 12:24:19 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060229	.0083769	.0043618	-.013664	-.002315	246.8102
Stddev	.0014441	.0018797	.0019681	.000534	.001330	2.0591
%RSD	23.97604	22.43971	45.12065	3.904835	57.46291	.8343019
#1	.0076418	.0075300	.0063798	-.013279	-.003735	246.1652
#2	.0055594	.0070696	.0024477	-.014273	-.001097	249.1146
#3	.0048676	.0105311	.0042579	-.013439	-.002114	245.1508

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002751	.0012030	-.001357	225.0442	.0567925	.0017808
Stddev	.001394	.0000329	.000123	.7446	.0006406	.0004424
%RSD	50.65494	2.734078	9.099387	.3308653	1.127986	24.84242
#1	-.002571	.0012012	-.001498	225.1284	.0573008	.0021050
#2	-.001456	.0012367	-.001270	225.7431	.0560730	.0012768
#3	-.004226	.0011710	-.001301	224.2611	.0570038	.0019606

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039540	93.84948	.0007170	241.1219	.0011047	.0002354
Stddev	.0011077	.76853	.0001281	1.0509	.0004010	.0003589
%RSD	28.01514	.8188916	17.87025	.4358534	36.29495	152.4781
#1	.0026884	94.55601	.0006825	240.2518	.0008155	.0006202
#2	.0044265	93.03120	.0008589	242.2895	.0015624	-.000090
#3	.0047472	93.96123	.0006097	240.8244	.0009362	.000176

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344981	.0028449	.0054433	.0013952	F .1497654	-.000598
Stddev	.0046570	.0005852	.0002554	.0318942	.0019701	.000240
%RSD	13.49917	20.57064	4.691681	2285.992	1.315429	40.11500
#1	.0335194	.0023230	.0054533	-.025480	.1517927	-.000681
#2	.0304082	.0034776	.0051830	-.006974	.1478581	-.000786
#3	.0395666	.0027341	.0056935	.036640	.1496455	-.000328

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSA01 Acquired: 4/3/2025 12:24:19 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005430	-.000422	.0122013	-.000148	-.014708	.0017032
Stddev	.001040	.000469	.0043092	.003916	.004146	.0008455
%RSD	19.15130	111.1272	35.31804	2647.192	28.18660	49.64385
#1	-.004239	-.000594	.0072958	.003904	-.012451	.0007518
#2	-.006153	-.000781	.0153763	-.003912	-.019493	.0023686
#3	-.005899	.000109	.0139318	-.000435	-.012181	.0019892

Elem	Sr4077
Units	ppm
Avg	.0086903
Stddev	.0004829
%RSD	5.556297
#1	.0082985
#2	.0092298
#3	.0085427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.563	66176.02	15559.92	1808.301	4130.993
Stddev	9.182	413.56	58.04	14.806	11.799
%RSD	.3285573	.6249389	.3729863	.8187944	.2856121
#1	2794.123	65905.41	15603.25	1794.200	4129.360
#2	2803.956	66652.07	15493.98	1823.724	4143.523
#3	2785.609	65970.58	15582.52	1806.979	4120.096

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSAB01 Acquired: 4/3/2025 12:28:44 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1100045	.1117876	.0551956	.0350335	.6379744	254.2891	.4754754
Stddev	.0025431	.0020601	.0006492	.0054888	.0028100	2.9639	.0048873
%RSD	2.311819	1.842903	1.176148	15.66733	.4404519	1.165569	1.027874
#1	.1096726	.1094254	.0551763	.0287774	.6382003	250.8680	.4698362
#2	.1126973	.1127255	.0545562	.0390407	.6406646	256.0818	.4784839
#3	.1076437	.1132119	.0558542	.0372824	.6350583	255.9176	.4781060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4747909	1.002668	232.0476	.5725087	.5107409	.5117143	98.96097
Stddev	.0009967	.003297	1.3013	.0050466	.0024877	.0016889	.43674
%RSD	.2099323	.3287914	.5607947	.8814933	.4870669	.3300388	.4413303
#1	.4736452	1.004297	230.7620	.5738396	.5123487	.5097741	98.73918
#2	.4754580	.998874	233.3641	.5669300	.5078755	.5128547	98.67963
#3	.4752697	1.004834	232.0167	.5767565	.5119984	.5125142	99.46411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4607696	248.4162	1.006782	.1913346	.0358357	.4714872	1.069475
Stddev	.0028035	.8711	.003300	.0009426	.0035000	.0048973	.004265
%RSD	.6084460	.3506605	.3277987	.4926229	9.766868	1.038684	.3988187
#1	.4578796	247.5106	1.007493	.1917419	.0336629	.4664724	1.069582
#2	.4634778	249.2481	1.003185	.1902569	.0339709	.4762578	1.065157
#3	.4609515	248.4900	1.009669	.1920050	.0398732	.4717314	1.073686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037163	1.050574	1.035623	1.008040	.9386555	.9199439	.9922243
Stddev	.016034	.007253	.001955	.002625	.0084763	.0041359	.0104196
%RSD	43.14458	.6903398	.1888109	.2603797	.9030242	.4495828	1.050120
#1	-.049746	1.044363	1.037683	1.009677	.9288679	.9153093	.9981076
#2	-.019110	1.048814	1.033792	1.005013	.9435389	.9212635	.9801937
#3	-.042633	1.058544	1.035394	1.009431	.9435595	.9232591	.9983714

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSAB01 Acquired: 4/3/2025 12:28:44 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.013706	.9502850	.9291315
Stddev	.004970	.0144220	.0043395
%RSD	.4902935	1.517652	.4670486
#1	1.019022	.9337228	.9241212
#2	1.012922	.9600711	.9315747
#3	1.009176	.9570611	.9316985

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.484	67529.95	16218.65	1830.787	4156.910
Stddev	5.957	276.58	36.74	5.344	5.187
%RSD	.2112179	.4095718	.2265058	.2919110	.1247861
#1	2826.634	67394.25	16249.58	1825.454	4160.378
#2	2814.740	67848.17	16178.05	1836.142	4159.406
#3	2820.077	67347.42	16228.33	1830.766	4150.947

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSADLX20 Acquired: 4/3/2025 12:33:02 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	.0003329	.0004346	-.004080	-.000604	11.79745	-.003777
Stddev	.000558	.0017272	.0005344	.000791	.000549	.02219	.000293
%RSD	516.5268	518.7531	122.9585	19.38860	90.96819	.1880903	7.764406
#1	-.000751	.0016762	-.000047	-.004307	-.001216	11.80676	-.003862
#2	.000181	-.001615	.001010	-.004733	-.000153	11.81348	-.004018
#3	.000246	.000938	.000341	-.003200	-.000442	11.77212	-.003450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002562	-.000202	11.31132	.0026107	.0002217	.0005216	4.534560
Stddev	.0001054	.000056	.03997	.0000925	.0001072	.0003290	.017854
%RSD	41.13097	27.86160	.3533787	3.543835	48.35569	63.06823	.3937285
#1	.0003345	-.000248	11.35658	.0026966	.0003435	.0003564	4.524275
#2	.0001364	-.000139	11.29656	.0026227	.0001795	.0009004	4.524230
#3	.0002977	-.000220	11.28084	.0025127	.0001420	.0003080	4.555176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001880	11.75037	-.000071	.0002488	-.020492	-.000232	-.000293
Stddev	.000253	.05322	.000462	.0002384	.003459	.000281	.000123
%RSD	13.48255	.4529465	651.6475	95.80961	16.87964	121.0296	41.88247
#1	-.002145	11.78773	-.000571	-.000018	-.024286	-.000115	-.000164
#2	-.001640	11.68943	.000340	.000324	-.019678	-.000552	-.000409
#3	-.001855	11.77394	.000019	.000440	-.017513	-.000029	-.000308

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051390	.0060195	.0001436	-.002325	.0014887	.0043704	-.002114
Stddev	.019716	.0001240	.0000577	.000607	.0002549	.0040631	.001726
%RSD	38.36615	2.060613	40.18854	26.11971	17.12300	92.96912	81.65602
#1	-.057747	.0059521	.0002038	-.001626	.0013069	.0006988	-.001033
#2	-.067144	.0061626	.0001383	-.002619	.0017800	.0036767	-.001204
#3	-.029279	.0059437	.0000887	-.002729	.0013791	.0087358	-.004105

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSADLX20 Acquired: 4/3/2025 12:33:02 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001183	-.002038	.0006237
Stddev	.0007943	.001418	.0000446
%RSD	671.1789	69.58582	7.152458
#1	.0006825	-.000400	.0006323
#2	.0004626	-.002858	.0006634
#3	-.000790	-.002855	.0005755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.960	73305.90	15866.65	2034.098	5080.015
Stddev	6.215	167.52	48.27	2.642	8.777
%RSD	.1950153	.2285231	.3042015	.1299057	.1727803
#1	3185.977	73342.82	15824.00	2031.827	5077.083
#2	3193.608	73123.00	15856.91	2036.998	5089.883
#3	3181.295	73451.89	15919.05	2033.468	5073.079

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSABDLX20 Acquired: 4/3/2025 12:37:18 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060059	.0053533	.0028021	-.003350	.0297238	12.40296	.0203049
Stddev	.0011954	.0007530	.0003766	.000921	.0021620	.02578	.0005238
%RSD	19.90387	14.06668	13.43948	27.49765	7.273758	.2078758	2.579572
#1	.0063567	.0061099	.0023673	-.003210	.0272500	12.40850	.0198327
#2	.0046743	.0053461	.0030132	-.004333	.0312515	12.42551	.0208683
#3	.0069867	.0046039	.0030259	-.002507	.0306700	12.37485	.0202138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249929	.0498579	12.04078	.0297824	.0252185	.0268845	5.096207
Stddev	.0000690	.0001991	.02617	.0004381	.0001812	.0002549	.035445
%RSD	.2762427	.3992564	.2173311	1.470978	.7185115	.9482654	.6955253
#1	.0250592	.0496580	12.04859	.0294599	.0253471	.0266551	5.055445
#2	.0249980	.0500561	12.06215	.0296061	.0252971	.0268394	5.113395
#3	.0249215	.0498596	12.01159	.0302812	.0250113	.0271589	5.119782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237176	12.29769	.0504926	.0095748	-.023298	.0244792	.0537408
Stddev	.0001555	.01417	.0004879	.0003098	.012486	.0009569	.0001268
%RSD	.6556698	.1152514	.9662181	3.235552	53.59222	3.909097	.2359541
#1	.0238962	12.31388	.0505390	.0092679	-.017200	.0245980	.0537215
#2	.0236118	12.29162	.0509556	.0095691	-.037660	.0234684	.0538762
#3	.0236449	12.28756	.0499831	.0098874	-.015032	.0253711	.0536248

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.077865	.0523669	.0526317	.0484047	.0488072	.0506016	.0411663
Stddev	.027376	.0002134	.0001577	.0009051	.0008168	.0010038	.0011633
%RSD	35.15779	.4075914	.2996713	1.869944	1.673586	1.983622	2.825924
#1	-.091937	.0525389	.0526776	.0473652	.0488458	.0515596	.0412964
#2	-.046316	.0521280	.0527615	.0490185	.0479718	.0495576	.0399435
#3	-.095343	.0524337	.0524562	.0488305	.0496041	.0506878	.0422592

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: ICSABDLX20 Acquired: 4/3/2025 12:37:18 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0443959	.0418351	.0469339
Stddev	.0041459	.0012663	.0002494
%RSD	9.338539	3.026798	.5313722
#1	.0459757	.0430675	.0467774
#2	.0475196	.0419003	.0472215
#3	.0396923	.0405375	.0468028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.476	73838.81	16936.44	2049.884	5121.591
Stddev	4.851	198.83	48.52	5.176	10.432
%RSD	.1510958	.2692774	.2864557	.2524806	.2036820
#1	3207.470	74059.56	16887.60	2047.014	5123.300
#2	3207.885	73783.08	16937.10	2046.780	5110.410
#3	3216.072	73673.79	16984.62	2055.859	5131.063

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV01 Acquired: 4/3/2025 12:41:32 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.052362	5.146393	4.929632	5.112991	5.130527	9.893718	9.399046
Stddev	.030802	.025235	.026491	.026342	.024370	.012783	.131071
%RSD	.6096606	.4903398	.5373851	.5151896	.4750088	.1292070	1.394519
#1	5.024816	5.142735	4.903861	5.090823	5.102440	9.907326	9.535511
#2	5.046649	5.123187	4.928246	5.106038	5.143062	9.881961	9.387494
#3	5.085621	5.173257	4.956789	5.142111	5.146078	9.891868	9.274133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2403281	2.438255	23.87712	1.017182	2.438655	1.268887	4.867574
Stddev	.0012350	.012674	.07662	.000741	.013071	.005370	.003995
%RSD	.5138799	.5197892	.3209048	.0728849	.5359753	.4232206	.0820813
#1	.2414030	2.424473	23.92504	1.017965	2.424342	1.262927	4.863809
#2	.2406022	2.440884	23.91757	1.017089	2.441664	1.270386	4.867147
#3	.2389791	2.449408	23.78875	1.016491	2.449959	1.273349	4.871765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.321706	23.61265	2.434102	1.257618	25.65750	2.410239	2.533025
Stddev	.008917	.09412	.012882	.003793	.10183	.006541	.006812
%RSD	.3840511	.3986175	.5292408	.3016355	.3968882	.2713981	.2689259
#1	2.323870	23.69248	2.419954	1.259535	25.54880	2.413389	2.528348
#2	2.329342	23.63660	2.437198	1.260070	25.67300	2.414609	2.540840
#3	2.311907	23.50886	2.445154	1.253248	25.75069	2.402719	2.529886

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.78580	4.761223	5.084761	4.931405	4.756782	5.050763	4.946510
Stddev	.12457	.030359	.017764	.024171	.009413	.017896	.019595
%RSD	.5025761	.6376352	.3493627	.4901515	.1978941	.3543132	.3961426
#1	24.64240	4.782121	5.065081	4.907986	4.754364	5.055933	4.924963
#2	24.84779	4.775149	5.089594	4.929964	4.767169	5.030852	4.951304
#3	24.86722	4.726399	5.099609	4.956265	4.748814	5.065505	4.963264

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV01 Acquired: 4/3/2025 12:41:32 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	4.884928	4.788963	4.780440
Stddev	.026048	.010348	.056560
%RSD	.5332391	.2160840	1.183152
#1	4.865787	4.785954	4.822582
#2	4.874405	4.800483	4.802579
#3	4.914592	4.780453	4.716159

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.513	71858.78	16119.62	1957.206	4729.785
Stddev	11.911	116.14	85.54	7.622	20.247
%RSD	.3889303	.1616250	.5306610	.3894117	.4280769
#1	3076.081	71832.79	16074.80	1963.216	4753.164
#2	3053.780	71757.84	16065.81	1948.634	4718.012
#3	3057.676	71985.71	16218.26	1959.769	4718.179

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB01 Acquired: 4/3/2025 12:47:21 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0011756	.0002739	-.001147	.0001082	-.000285	-.001776	-.006545
Stddev	.0007836	.0007893	.000478	.0005678	.001465	.001468	.000533
%RSD	66.65198	288.1578	41.71227	524.7004	514.8068	82.63111	8.150651
#1	.0014696	.0006868	-.001684	-.000547	.001294	-.000097	-.006579
#2	.0017698	-.000636	-.000765	.000437	-.001599	-.002816	-.005995
#3	.0002876	.000771	-.000992	.000435	-.000548	-.002414	-.007060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001042	.0000360	.0111766	-.000067	-.000077	-.000007	-.005426
Stddev	.0000380	.0000134	.0041909	.000380	.000267	.000364	.001925
%RSD	36.45591	37.19236	37.49666	564.2245	346.6038	5541.583	35.47332
#1	.0000920	.0000423	.0128567	-.000122	-.000219	-.000407	-.007641
#2	.0000738	.0000206	.0064064	.000337	-.000243	.000082	-.004473
#3	.0001468	.0000451	.0142667	-.000418	.000231	.000306	-.004163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002521	-.004694	-.000114	.0003652	-.029735	-.000861	-.000297
Stddev	.000101	.013392	.000083	.0000855	.003878	.000972	.000278
%RSD	4.020305	285.2992	73.09103	23.41295	13.04172	112.9174	93.77556
#1	-.002549	-.003259	-.000080	.0004629	-.034080	-.000086	-.000064
#2	-.002409	.007923	-.000053	.0003282	-.026625	-.000545	-.000221
#3	-.002606	-.018745	-.000209	.0003043	-.028500	-.001951	-.000605

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092603	.0011465	-.000106	-.001483	.0014475	.0041220	-.002687
Stddev	.007298	.0005203	.000083	.000983	.0003249	.0020728	.000728
%RSD	7.881290	45.38611	78.22824	66.23197	22.44547	50.28676	27.10839
#1	-.086608	.0005484	-.000048	-.001099	.0014335	.0042942	-.002050
#2	-.100730	.0014953	-.000200	-.002600	.0011298	.0019685	-.003481
#3	-.090470	.0013957	-.000068	-.000752	.0017791	.0061034	-.002530

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB01 Acquired: 4/3/2025 12:47:21 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.000965	-.002436	.0000471
Stddev	.002354	.000623	.0000006
%RSD	244.0013	25.59164	1.184854
#1	-.002002	-.002941	.0000468
#2	.001730	-.001739	.0000467
#3	-.002621	-.002627	.0000477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.624	75421.55	16631.70	2046.948	5257.087
Stddev	1.008	98.06	97.46	5.903	5.460
%RSD	.0316628	.1300140	.5859846	.2883981	.1038622
#1	3182.916	75313.88	16631.26	2051.994	5258.046
#2	3183.452	75445.06	16534.46	2048.392	5262.004
#3	3181.502	75505.72	16729.38	2040.456	5251.211

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1503-07 Acquired: 4/3/2025 12:51:41 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0027080	.0016281	-.001810	-.003586	-.001689	.0026447
Stddev	.0017435	.0004365	.000409	.003440	.001688	.0003393
%RSD	64.38280	26.81345	22.60025	95.94863	99.92895	12.82941
#1	.0022751	.0013497	-.001836	-.002130	-.002963	.0024237
#2	.0046271	.0014033	-.002206	-.007514	-.002328	.0024751
#3	.0012217	.0021312	-.001389	-.001112	.000225	.0030354

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004464	.0002129	.0004703	-.008339	-.000330	-.000979
Stddev	.000522	.0000654	.0000139	.002383	.000292	.000215
%RSD	11.68645	30.71315	2.953778	28.58165	88.46956	21.92319
#1	-.003937	.0001972	.0004637	-.005911	.000006	-.001214
#2	-.004980	.0001568	.0004863	-.008431	-.000479	-.000931
#3	-.004474	.0002847	.0004610	-.010675	-.000518	-.000793

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001301	-.003410	-.004163	-.006332	-.000253	.0005708
Stddev	.000185	.002943	.000130	.006090	.000168	.0002659
%RSD	14.22874	86.29743	3.130845	96.16536	66.55564	46.58194
#1	-.001130	-.005881	-.004161	-.007747	-.000391	.0007461
#2	-.001277	-.000154	-.004034	-.011590	-.000302	.0002649
#3	-.001497	-.004195	-.004295	.000340	-.000065	.0007014

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	165.5581	-.000113	-.000981	-.152993	.0009790	.0264555
Stddev	.7375	.000469	.000375	.008633	.0006424	.0008769
%RSD	.4454852	417.1734	38.23524	5.642955	65.62116	3.314566
#1	166.1093	.000203	-.000606	-.162615	.0002987	.0273799
#2	165.8446	-.000652	-.001357	-.150438	.0010631	.0263511
#3	164.7203	.000112	-.000981	-.145925	.0015752	.0256354

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1503-07 Acquired: 4/3/2025 12:51:41 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.002077	.0048656	F 84.85260	.0000243	.0106334	-.004224
Stddev	.000292	.0002866	.27720	.0004834	.0031295	.000505
%RSD	14.06137	5.890456	.3266802	1993.225	29.43031	11.95131
#1	-.001941	.0051914	84.56462	.0004760	.0076413	-.004800
#2	-.002412	.0046525	85.11758	-.000486	.0103749	-.003862
#3	-.001878	.0047527	84.87560	.000082	.0138842	-.004009

Elem	Sr4077
Units	ppm
Avg	.0000857
Stddev	.0000342
%RSD	39.87012
#1	.0000464
#2	.0001027
#3	.0001081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.622	73184.42	17021.50	2039.859	4900.429
Stddev	9.352	283.44	154.95	14.460	14.240
%RSD	.2938533	.3872941	.9102989	.7088692	.2905875
#1	3193.117	73499.55	16939.07	2056.552	4915.956
#2	3179.576	72950.32	17200.23	2031.208	4887.979
#3	3175.172	73103.39	16925.19	2031.816	4897.353

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01 Acquired: 4/3/2025 13:00:27 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0714187	.0132079	.3132243	-.033211	-.004335	135.7553
Stddev	.0033577	.0010240	.0020673	.001149	.002094	.1962
%RSD	4.701455	7.753221	.6600073	3.458679	48.29456	.1445522
#1	.0748537	.0143375	.3112995	-.034349	-.002666	135.6497
#2	.0712584	.0123402	.3129640	-.032052	-.003654	135.6344
#3	.0681440	.0129460	.3154095	-.033233	-.006684	135.9817

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.557589	.0106009	-.002762	18.58048	.2195087	.1340854
Stddev	.002903	.0000933	.000181	.00372	.0011029	.0004020
%RSD	.1863911	.8796377	6.560485	.0200055	.5024353	.2998405
#1	1.554874	.0106620	-.002728	18.58398	.2206318	.1341019
#2	1.560649	.0106471	-.002957	18.58088	.2184272	.1336753
#3	1.557244	.0104936	-.002600	18.57658	.2194670	.1344789

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935765	271.0732	3.183736	47.90337	.2445611	.0017135
Stddev	.0005353	.5056	.004284	.13851	.0006367	.0002766
%RSD	.2765493	.1865172	.1345616	.2891381	.2603538	16.14217
#1	.1937087	271.6561	3.188549	48.01546	.2451236	.0018408
#2	.1929875	270.7534	3.182317	47.74853	.2438699	.0013962
#3	.1940333	270.8100	3.180341	47.94612	.2446898	.0019036

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.589792	.2986335	.6560278	14.56690	.4964951	.0019136
Stddev	.020996	.0027068	.0005289	.03191	.0011252	.0002442
%RSD	.3756188	.9063920	.0806272	.2190818	.2266325	12.75916
#1	5.566917	.3017357	.6555908	14.53025	.4977693	.0016411
#2	5.594273	.2967521	.6558767	14.58858	.4956380	.0019871
#3	5.608186	.2974128	.6566158	14.58186	.4960780	.0021125

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01 Acquired: 4/3/2025 13:00:27 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0136916	2.738981	5.156759	7.008271	F 20.90323	.3238207
Stddev	.0017576	.003366	.004064	.035074	.04854	.0009080
%RSD	12.83668	.1229005	.0788032	.5004685	.2322023	.2803868
#1	.0145780	2.740415	5.158144	7.038163	20.95403	.3235411
#2	.0148295	2.735136	5.159949	6.969660	20.85733	.3248356
#3	.0116674	2.741393	5.152184	7.016991	20.89831	.3230855

Elem	Sr4077
Units	ppm
Avg	-.081314
Stddev	.000556
%RSD	.6841096
#1	-.081879
#2	-.080767
#3	-.081295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.110	82465.08	19697.85	2243.953	4576.555
Stddev	6.566	283.89	75.22	3.439	2.208
%RSD	.1889033	.3442489	.3818888	.1532487	.0482533
#1	3474.220	82206.21	19616.51	2240.608	4574.173
#2	3470.696	82768.67	19764.90	2247.479	4578.534
#3	3483.414	82420.35	19712.15	2243.773	4576.960

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01DUP Acquired: 4/3/2025 13:05:10 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0733525	.0116604	.3085101	-.037501	-.003583	134.5976
Stddev	.0027438	.0021207	.0032497	.006004	.001451	.1931
%RSD	3.740512	18.18763	1.053352	16.01119	40.49805	.1434314
#1	.0711327	.0112717	.3111328	-.042969	-.004604	134.6376
#2	.0725047	.0139486	.3048746	-.031075	-.004224	134.7675
#3	.0764201	.0097608	.3095229	-.038461	-.001922	134.3876

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.585176	.0101239	-.002945	18.48343	.2170814	.1327253
Stddev	.000699	.0001304	.000352	.05458	.0007618	.0010219
%RSD	.0441131	1.288092	11.93817	.2953018	.3509203	.7699430
#1	1.585971	.0102701	-.002544	18.50531	.2175144	.1336325
#2	1.584656	.0100817	-.003203	18.42131	.2175280	.1316182
#3	1.584901	.0100197	-.003087	18.52369	.2162018	.1329250

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890157	272.6132	3.146959	46.92551	.2414021	.0024755
Stddev	.0015127	.5991	.013712	.16659	.0014104	.0003779
%RSD	.8002835	.2197712	.4357284	.3550069	.5842319	15.26399
#1	.1901700	272.1033	3.148171	47.00062	.2415456	.0021181
#2	.1873033	272.4633	3.132681	46.73458	.2399255	.0024375
#3	.1895738	273.2730	3.160025	47.04131	.2427353	.0028709

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.708340	.2981634	.6503075	14.94936	.5024856	.0019319
Stddev	.019764	.0008816	.0023551	.03113	.0011295	.0003047
%RSD	.3462273	.2956615	.3621547	.2082281	.2247889	15.77101
#1	5.687562	.2976473	.6486621	14.96171	.5014143	.0015993
#2	5.726902	.2976616	.6492550	14.97242	.5023768	.0021976
#3	5.710555	.2991813	.6530053	14.91395	.5036655	.0019988

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01DUP Acquired: 4/3/2025 13:05:10 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0140160	2.767488	6.137157	6.766613	F 20.47623	.3239689
Stddev	.0010557	.009162	.021274	.048320	.13767	.0003215
%RSD	7.532186	.3310757	.3466359	.7140970	.6723446	.0992283
#1	.0127997	2.769657	6.113443	6.796125	20.57661	.3240626
#2	.0145543	2.757435	6.143462	6.710849	20.31929	.3236110
#3	.0146941	2.775371	6.154565	6.792864	20.53279	.3242331

Elem	Sr4077
Units	ppm
Avg	-.081145
Stddev	.000829
%RSD	1.021163
#1	-.080456
#2	-.080915
#3	-.082065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.486	83909.43	20549.90	2249.636	4613.130
Stddev	23.493	270.33	64.84	11.738	37.121
%RSD	.6728656	.3221660	.3155188	.5217944	.8046745
#1	3476.068	84209.41	20559.08	2251.284	4583.807
#2	3518.524	83834.19	20609.65	2260.464	4654.867
#3	3479.864	83684.70	20480.96	2237.161	4600.717

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01LX5 Acquired: 4/3/2025 13:09:13 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0172928	.0019488	.0646304	-.009375	-.000339	30.85456	.3481918
Stddev	.0008896	.0020042	.0003880	.002201	.000737	.07199	.0008252
%RSD	5.144395	102.8462	.6002806	23.47758	217.1265	.2333092	.2369839
#1	.0167925	.0026912	.0649343	-.007295	-.000692	30.78950	.3482874
#2	.0167661	-.000321	.0641934	-.009150	.000508	30.84229	.3489649
#3	.0183200	.003476	.0647635	-.011680	-.000834	30.93189	.3473229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026004	-.002774	4.374142	.0507366	.0270093	.0466542	63.02967
Stddev	.0000925	.000044	.002772	.0001113	.0001478	.0002217	.24637
%RSD	3.555600	1.576215	.0633644	.2194219	.5472948	.4751631	.3908718
#1	.0026594	-.002751	4.370948	.0506081	.0271775	.0468221	63.23908
#2	.0026479	-.002824	4.375552	.0507988	.0269504	.0467375	63.09172
#3	.0024938	-.002745	4.375924	.0508030	.0269001	.0464029	62.75821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7473831	10.96974	.0501421	.0009054	1.240718	.0691074	.1508644
Stddev	.0036285	.00806	.0002148	.0002206	.009093	.0003112	.0010897
%RSD	.4854908	.0735017	.4283065	24.36050	.7328994	.4503232	.7223261
#1	.7470974	10.96146	.0499351	.0011211	1.240703	.0692828	.1516205
#2	.7511460	10.97019	.0501272	.0009149	1.249819	.0692914	.1496153
#3	.7439059	10.97757	.0503639	.0006802	1.231633	.0687481	.1513575

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.162633	.1126267	.0000441	.0001660	.6461712	1.388043	1.383191
Stddev	.047871	.0007730	.0000739	.0007477	.0024928	.017160	.009856
%RSD	1.513651	.6863715	167.6219	450.3326	.3857749	1.236247	.7125860
#1	3.200671	.1134642	.0000150	-.000200	.6434388	1.388824	1.373258
#2	3.178347	.1124753	-.000011	-.000328	.6467538	1.404798	1.383345
#3	3.108879	.1119406	.000128	.001026	.6483211	1.370506	1.392969

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01LX5 Acquired: 4/3/2025 13:09:13 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.136835	.0735856	-.018957
Stddev	.010362	.0008625	.000285
%RSD	.2504823	1.172100	1.503557
#1	4.125842	.0726813	-.019165
#2	4.138238	.0743991	-.019074
#3	4.146424	.0736764	-.018632

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.864	76198.54	17987.17	2084.617	4982.128
Stddev	19.232	189.26	30.73	4.272	22.129
%RSD	.5936147	.2483767	.1708619	.2049193	.4441617
#1	3217.850	76083.92	18021.66	2079.783	4957.082
#2	3253.409	76094.72	17962.70	2086.184	4999.034
#3	3248.332	76416.99	17977.15	2087.884	4990.269

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01MS Acquired: 4/3/2025 13:17:38 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6536064	1.707616	1.110368	1.366527	.2871326	153.2637
Stddev	.0020526	.018171	.007517	.002736	.0014540	.1246
%RSD	.3140473	1.064091	.6769477	.2002372	.5063959	.0813023
#1	.6544014	1.720384	1.117702	1.364948	.2887802	153.2204
#2	.6551425	1.715650	1.110721	1.369686	.2860291	153.1665
#3	.6512751	1.686813	1.102681	1.364946	.2865886	153.4041

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.669302	.1456733	.1643745	24.88157	.5148633	.2927818
Stddev	.004228	.0008629	.0009715	.09528	.0015394	.0011866
%RSD	.2532569	.5923394	.5910267	.3829497	.2989993	.4052745
#1	1.673733	.1447460	.1654763	24.77166	.5164808	.2937854
#2	1.665313	.1458213	.1640060	24.94098	.5146930	.2930879
#3	1.668860	.1464527	.1636412	24.93206	.5134161	.2914722

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3890959	265.4693	4.152722	46.91820	.6603833	.0604586
Stddev	.0016086	.7183	.002736	.27722	.0040717	.0004010
%RSD	.4134256	.2705719	.0658902	.5908518	.6165735	.6633113
#1	.3904342	266.2610	4.150186	46.59947	.6649619	.0602860
#2	.3895423	265.2874	4.152358	47.05189	.6590196	.0609170
#3	.3873112	264.8594	4.155622	47.10323	.6571685	.0601727

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.670347	.5045327	.8359887	23.30436	.6391432	.3317459
Stddev	.055371	.0018545	.0019301	.15339	.0026981	.0010578
%RSD	.6386294	.3675642	.2308704	.6581928	.4221460	.3188609
#1	8.731248	.5063300	.8378292	23.46566	.6420020	.3327035
#2	8.656758	.5026259	.8361566	23.28705	.6387864	.3319238
#3	8.623035	.5046421	.8339801	23.16036	.6366413	.3306105

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01MS Acquired: 4/3/2025 13:17:38 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6400464	2.710081	6.447063	F 12.90575	F 17.26187	.4700127
Stddev	.0058289	.005954	.017801	.05808	.10877	.0016352
%RSD	.9106917	.2197105	.2761124	.4500041	.6301416	.3479041
#1	.6467402	2.707099	6.467428	12.95885	17.34919	.4713515
#2	.6360912	2.706208	6.434467	12.91466	17.29640	.4704965
#3	.6373078	2.716938	6.439293	12.84373	17.14003	.4681902

Elem	Sr4077
Units	ppm
Avg	.0892864
Stddev	.0003198
%RSD	.3582208
#1	.0890858
#2	.0891182
#3	.0896553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3464.777	81920.08	19995.94	2229.876	4540.175
Stddev	9.103	69.25	80.62	7.676	21.842
%RSD	.2627422	.0845310	.4031586	.3442221	.4810755
#1	3455.906	81905.55	20086.21	2231.646	4516.997
#2	3464.329	81859.25	19970.48	2221.469	4543.152
#3	3474.097	81995.44	19931.13	2236.511	4560.375

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01MSD Acquired: 4/3/2025 13:28:41 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6546011	1.682031	1.101764	1.371667	.2850058	155.4819
Stddev	.0028601	.030158	.002553	.007738	.0037936	.4887
%RSD	.4369182	1.792941	.2316937	.5641152	1.331064	.3143445
#1	.6577715	1.713610	1.102880	1.377762	.2883477	155.5438
#2	.6522150	1.678951	1.098844	1.362962	.2857874	154.9652
#3	.6538167	1.653531	1.103570	1.374278	.2808823	155.9368

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.663636	.1476752	.1646270	25.00817	.5119992	.2910339
Stddev	.002050	.0013936	.0006402	.16512	.0011733	.0008558
%RSD	.1232198	.9436955	.3888626	.6602541	.2291600	.2940663
#1	1.664183	.1481594	.1653274	25.06797	.5117329	.2919998
#2	1.661368	.1461041	.1640721	24.82149	.5109819	.2903702
#3	1.665357	.1487621	.1644816	25.13506	.5132827	.2907316

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3881330	260.7056	4.164264	46.71455	.6554250	.0600903
Stddev	.0013681	1.4776	.018232	.22300	.0010880	.0002417
%RSD	.3524899	.5667535	.4378087	.4773693	.1660039	.4022135
#1	.3896925	259.0659	4.167965	46.82012	.6554689	.0598130
#2	.3871343	261.9339	4.144466	46.45837	.6543157	.0602560
#3	.3875724	261.1169	4.180362	46.86516	.6564904	.0602019

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.581196	.5072252	.8419250	22.98413	.6186769	.3324437
Stddev	.082340	.0015077	.0035687	.18980	.0035903	.0007839
%RSD	.9595363	.2972372	.4238742	.8258016	.5803237	.2357862
#1	8.498660	.5068767	.8402681	22.76970	.6147706	.3332585
#2	8.663338	.5059223	.8394858	23.13057	.6218326	.3323776
#3	8.581590	.5088766	.8460209	23.05214	.6194274	.3316949

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01MSD Acquired: 4/3/2025 13:28:41 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6339978	2.720355	6.447493	F 12.59409	F 17.03516	.4721714
Stddev	.0040609	.008079	.070947	.07757	.06335	.0011858
%RSD	.6405258	.2969659	1.100381	.6159337	.3718828	.2511435
#1	.6379427	2.721737	6.373215	12.68150	17.10767	.4710510
#2	.6298301	2.711674	6.514558	12.56729	16.99057	.4720501
#3	.6342205	2.727653	6.454707	12.53347	17.00723	.4734133

Elem	Sr4077
Units	ppm
Avg	.0934519
Stddev	.0018009
%RSD	1.927076
#1	.0950561
#2	.0915039
#3	.0937957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.114	81955.93	19612.74	2197.080	4532.669
Stddev	3.847	417.03	171.29	12.499	4.290
%RSD	.1118921	.5088407	.8733365	.5688951	.0946524
#1	3433.852	82400.73	19544.09	2211.226	4529.860
#2	3441.329	81893.30	19807.70	2192.485	4537.608
#3	3439.161	81573.77	19486.42	2187.528	4530.540

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01A Acquired: 4/3/2025 13:32:40 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6534874	1.689369	1.106340	1.371274	.2760038	156.6436
Stddev	.0017931	.009484	.008675	.006325	.0003533	.5661
%RSD	.2743886	.5614164	.7841568	.4612712	.1279976	.3613953
#1	.6516301	1.678980	1.096439	1.366891	.2763888	157.1753
#2	.6552085	1.691562	1.109971	1.368405	.2756944	156.7071
#3	.6536237	1.697565	1.112610	1.378525	.2759282	156.0484

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.652769	.1516359	.1656004	25.38285	.5140105	.2921340
Stddev	.004665	.0007914	.0014633	.17845	.0016440	.0024995
%RSD	.2822299	.5218755	.8836300	.7030532	.3198315	.8556105
#1	1.657992	.1523319	.1639592	25.46903	.5122326	.2893349
#2	1.651297	.1518007	.1660728	25.50186	.5154756	.2929240
#3	1.649018	.1507752	.1667690	25.17766	.5143232	.2941431

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3920172	256.3534	4.181357	47.26541	.6596397	.0589836
Stddev	.0018215	.3755	.022335	.15013	.0043688	.0003299
%RSD	.4646379	.1464583	.5341459	.3176317	.6622961	.5593450
#1	.3904094	255.9890	4.193889	47.34446	.6548940	.0588002
#2	.3916467	256.7390	4.194611	47.35951	.6605309	.0593645
#3	.3939954	256.3323	4.155570	47.09228	.6634941	.0587862

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.389630	.5069973	.8423076	22.55969	.6131808	.3291769
Stddev	.051363	.0021719	.0007663	.11533	.0012894	.0018287
%RSD	.6122194	.4283781	.0909726	.5112081	.2102718	.5555225
#1	8.396904	.5081046	.8424838	22.50995	.6119888	.3270859
#2	8.335017	.5083923	.8414685	22.47759	.6145493	.3299680
#3	8.436967	.5044949	.8429703	22.69154	.6130044	.3304768

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1680-01A Acquired: 4/3/2025 13:32:40 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6352993	2.790792	7.951289	F 12.79386	F 17.18317	.4716936
Stddev	.0049481	.017302	.012722	.09539	.10148	.0014961
%RSD	.7788571	.6199527	.1599957	.7456056	.5905912	.3171731
#1	.6296757	2.806259	7.945169	12.69784	17.06732	.4733787
#2	.6372364	2.794010	7.942784	12.79515	17.22580	.4705215
#3	.6389857	2.772107	7.965915	12.88861	17.25638	.4711805

Elem	Sr4077
Units	ppm
Avg	.0963124
Stddev	.0015002
%RSD	1.557680
#1	.0980217
#2	.0957019
#3	.0952137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.000	81631.44	19036.95	2194.715	4523.341
Stddev	8.561	155.22	98.72	4.195	20.142
%RSD	.2484288	.1901443	.5185571	.1911408	.4452809
#1	3455.723	81808.93	18987.18	2196.190	4546.181
#2	3442.682	81564.27	18973.01	2189.981	4515.721
#3	3439.594	81521.12	19150.64	2197.973	4508.122

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1681-01 Acquired: 4/3/2025 13:40:57 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0472637	.0107258	.1686680	-.037290	-.005335	106.3245	1.248532
Stddev	.0006667	.0021797	.0008712	.002156	.001420	.0893	.004147
%RSD	1.410676	20.32231	.5165076	5.782417	26.60750	.0839777	.3321865
#1	.0480267	.0091681	.1689121	-.034813	-.006401	106.4164	1.250444
#2	.0469715	.0097925	.1677008	-.038306	-.005881	106.2381	1.243774
#3	.0467930	.0132168	.1693911	-.038750	-.003724	106.3190	1.251379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115954	.0009957	25.84186	.2260825	.0921107	.2876200	224.8972
Stddev	.0000935	.0002617	.04399	.0012367	.0006985	.0007260	1.4038
%RSD	.8063694	26.28592	.1702153	.5470303	.7583619	.2524216	.6242108
#1	.0116867	.0007358	25.87706	.2268630	.0923665	.2881857	225.7022
#2	.0114999	.0012592	25.79255	.2246566	.0913203	.2868014	223.2762
#3	.0115995	.0009921	25.85596	.2267281	.0926453	.2878729	225.7132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.291268	30.17455	.2032969	-.001819	7.180498	.2792101	.5097311
Stddev	.010703	.07684	.0008962	.000299	.045982	.0009043	.0024511
%RSD	.3251993	.2546431	.4408331	16.45674	.6403719	.3238686	.4808669
#1	3.295534	30.08583	.2029824	-.001503	7.212955	.2781933	.5097393
#2	3.279090	30.21865	.2026004	-.001856	7.127879	.2799243	.5072759
#3	3.299181	30.21919	.2043080	-.002098	7.200660	.2795125	.5121781

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.180188	.3743106	.0033339	.0014623	2.213095	6.136311	6.464187
Stddev	.055939	.0042510	.0003132	.0020086	.007158	.021659	.021464
%RSD	.6093404	1.135689	9.394111	137.3549	.3234583	.3529566	.3320481
#1	9.237800	.3764108	.0029723	.0014190	2.220787	6.144596	6.488862
#2	9.126088	.3694182	.0035186	.0034923	2.206629	6.111733	6.449833
#3	9.176677	.3771027	.0035107	-.000524	2.211867	6.152603	6.453866

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1681-01 Acquired: 4/3/2025 13:40:57 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7532908	.2394258	-.064693
Stddev	.0043048	.0009061	.000888
%RSD	.5714638	.3784474	1.373208
#1	.7575481	.2389004	-.065387
#2	.7533844	.2389051	-.063692
#3	.7489400	.2404721	-.065001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.152	85249.77	18397.69	2360.175	4681.309
Stddev	2.792	158.88	39.63	8.772	5.572
%RSD	.0773678	.1863646	.2154328	.3716798	.1190165
#1	3610.072	85139.41	18423.64	2360.753	4680.331
#2	3609.434	85431.87	18352.07	2368.644	4687.304
#3	3604.949	85178.04	18417.37	2351.128	4676.291

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1503-07DLX10 Acquired: 4/3/2025 13:45:04 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0028650	.0011394	-.000283	-.000487	.0000939	.0136847	-.005589
Stddev	.0003061	.0010883	.001512	.000381	.0010022	.0031335	.001086
%RSD	10.68577	95.51325	535.2536	78.28389	1067.550	22.89778	19.42694
#1	.0028478	.0015378	.001395	-.000604	-.000431	.0111296	-.005651
#2	.0025678	.0019723	-.001541	-.000061	.001250	.0127436	-.004474
#3	.0031794	-.000092	-.000702	-.000796	-.000537	.0171808	-.006643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001259	-.000008	.0045577	-.000193	-.000206	.0000266	.0261728
Stddev	.0000561	.000042	.0039531	.000164	.000161	.0004125	.0035987
%RSD	44.58310	553.1085	86.73364	84.78308	77.94084	1551.576	13.74962
#1	.0000854	-.000038	.0016380	-.000004	-.000027	-.000440	.0295913
#2	.0001900	-.000025	.0029790	-.000285	-.000337	.000179	.0265094
#3	.0001023	.000040	.0090562	-.000291	-.000255	.000342	.0224177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001850	-.006408	-.000055	.0002938	16.09095	-.000467	-.000408
Stddev	.000379	.011694	.000113	.0001785	.04355	.000631	.000308
%RSD	20.50738	182.5101	206.6633	60.75183	.2706196	135.1372	75.55914
#1	-.001509	-.015415	.000045	.0003059	16.08646	-.000097	-.000738
#2	-.002258	-.010616	-.000032	.0001095	16.04982	-.001195	-.000361
#3	-.001783	.006809	-.000178	.0004659	16.13657	-.000109	-.000126

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057796	-.002835	-.000241	-.001823	.0013201	9.298560	-.000963
Stddev	.018530	.000159	.000372	.000247	.0004105	.019454	.002267
%RSD	32.06079	5.609533	154.5333	13.52812	31.09491	.2092194	235.5066
#1	-.065674	-.002704	-.000187	-.001846	.0008642	9.312721	-.000598
#2	-.036629	-.002789	-.000636	-.001565	.0014356	9.276378	.001100
#3	-.071085	-.003012	.000102	-.002057	.0016605	9.306583	-.003391

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1503-07DLX10 Acquired: 4/3/2025 13:45:04 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.000805	-.002608	.0000298
Stddev	.002631	.001024	.0000292
%RSD	326.8342	39.26737	98.11230
#1	-.001245	-.002554	.0000015
#2	-.003188	-.003657	.0000279
#3	.002018	-.001612	.0000599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.536	75240.21	17547.43	2092.194	5225.906
Stddev	14.566	143.68	47.56	5.866	22.069
%RSD	.4514450	.1909683	.2710129	.2803899	.4223028
#1	3224.566	75380.89	17598.23	2094.101	5221.739
#2	3241.986	75246.04	17503.97	2096.869	5249.762
#3	3213.055	75093.70	17540.09	2085.611	5206.218

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1688-01 Acquired: 4/3/2025 13:49:23 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0411453	-.004046	.3194873	-.027056	-.003616	117.5886	.6426014
Stddev	.0010174	.000829	.0009325	.002698	.001700	.0327	.0011029
%RSD	2.472605	20.49403	.2918878	9.973049	46.99679	.0277968	.1716258
#1	.0405828	-.003696	.3204830	-.029687	-.003354	117.6264	.6415700
#2	.0423197	-.004992	.3186344	-.024295	-.005432	117.5690	.6424702
#3	.0405334	-.003449	.3193447	-.027184	-.002063	117.5706	.6437640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070025	-.001653	40.63922	.2055266	.1158837	.3307252	226.6963
Stddev	.0002141	.000271	.05830	.0003989	.0004562	.0003093	.4944
%RSD	3.057488	16.39584	.1434552	.1941085	.3936911	.0935126	.2181103
#1	.0068263	-.001824	40.57987	.2052583	.1159155	.3305321	226.7470
#2	.0072407	-.001340	40.69641	.2053364	.1154124	.3305616	226.1784
#3	.0069403	-.001794	40.64138	.2059850	.1163231	.3310819	227.1634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.837576	45.33457	.2025701	.0018564	8.204007	.3806409	.4912927
Stddev	.003140	.02241	.0003482	.0003285	.035699	.0007508	.0028012
%RSD	.1106661	.0494283	.1718948	17.69796	.4351384	.1972409	.5701582
#1	2.834348	45.32564	.2026925	.0014778	8.214651	.3814186	.4881553
#2	2.837758	45.36007	.2021773	.0020664	8.164197	.3805837	.4935427
#3	2.840621	45.31801	.2028407	.0020250	8.233174	.3799203	.4921800

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.60802	.4507834	.0029932	.0013918	4.432774	4.685610	6.289923
Stddev	.03423	.0008617	.0004227	.0010342	.006920	.038731	.024080
%RSD	.2949049	.1911564	14.12115	74.30747	.1561144	.8266041	.3828335
#1	11.61436	.4512526	.0025554	.0002966	4.424957	4.675344	6.266358
#2	11.57105	.4497889	.0030255	.0023517	4.435245	4.653046	6.288924
#3	11.63863	.4513086	.0033989	.0015272	4.438119	4.728441	6.314486

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1688-01 Acquired: 4/3/2025 13:49:23 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.743573	.1965058	-.065303
Stddev	.012066	.0001325	.000401
%RSD	.3223199	.0674319	.6137148
#1	3.745418	.1965978	-.065488
#2	3.730691	.1963539	-.064843
#3	3.754611	.1965656	-.065577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.953	82388.21	20313.30	2223.621	4505.805
Stddev	27.895	250.25	73.58	5.867	29.091
%RSD	.8154080	.3037505	.3622121	.2638423	.6456252
#1	3444.186	82107.30	20262.35	2217.380	4529.323
#2	3390.016	82587.37	20279.90	2224.460	4473.275
#3	3428.656	82469.96	20397.66	2229.023	4514.818

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV02 Acquired: 4/3/2025 13:53:29 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	5.026586	5.011857	4.864521	5.060790	5.081995	9.620208	9.402689
Stddev	.034155	.060879	.009961	.019059	.019741	.158681	.132653
%RSD	.6794794	1.214709	.2047768	.3766003	.3884435	1.649453	1.410798
#1	5.023880	4.954013	4.856038	5.061926	5.085011	9.727131	9.478826
#2	4.993865	5.006184	4.862034	5.041189	5.060919	9.437885	9.249516
#3	5.062013	5.075375	4.875490	5.079256	5.100054	9.695606	9.479726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2280278	2.413933	23.21983	.9948982	2.418769	1.261028	4.863199
Stddev	.0017528	.006389	.36667	.0020596	.006167	.003544	.026179
%RSD	.7686774	.2646851	1.579122	.2070152	.2549828	.2810142	.5383015
#1	.2286008	2.408340	23.42072	.9927613	2.412743	1.262167	4.889932
#2	.2260602	2.412561	22.79662	.9968706	2.418495	1.257055	4.837613
#3	.2294224	2.420896	23.44215	.9950627	2.425069	1.263862	4.862051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.256655	22.85514	2.418725	1.230241	25.62590	2.354660	2.490359
Stddev	.040296	.27046	.007391	.001689	.24466	.037423	.006369
%RSD	1.785671	1.183371	.3055858	.1372908	.9547514	1.589320	.2557564
#1	2.285557	22.88767	2.413974	1.228899	25.87777	2.378384	2.483485
#2	2.210624	22.56988	2.414961	1.229687	25.38915	2.311519	2.491531
#3	2.273785	23.10786	2.427241	1.232137	25.61077	2.374077	2.496061

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.76801	4.546981	5.030336	4.868435	4.645497	5.076413	4.716265
Stddev	.22017	.038655	.017377	.018359	.083632	.028272	.027197
%RSD	.8889485	.8501231	.3454532	.3771044	1.800278	.5569246	.5766693
#1	24.97242	4.557251	5.022787	4.855286	4.705207	5.094701	4.693112
#2	24.53489	4.504228	5.018010	4.860607	4.549913	5.043850	4.709468
#3	24.79673	4.579464	5.050212	4.889410	4.681371	5.090687	4.746217

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV02 Acquired: 4/3/2025 13:53:29 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.831397	4.666906	4.737870
Stddev	.024681	.095540	.055373
%RSD	.5108357	2.047173	1.168737
#1	4.814733	4.744391	4.774509
#2	4.819708	4.560157	4.674170
#3	4.859751	4.696169	4.764932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.717	72491.96	16665.27	1950.642	4713.197
Stddev	11.357	234.49	214.43	12.921	15.693
%RSD	.3722820	.3234757	1.286696	.6624127	.3329509
#1	3047.859	72335.60	16567.13	1947.040	4715.694
#2	3063.231	72761.59	16911.21	1964.983	4727.491
#3	3041.063	72378.71	16517.48	1939.905	4696.405

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB02 Acquired: 4/3/2025 13:57:40 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0004309	-.000545	.0008414	-.001939	-.000713	-.002661	-.006254
Stddev	.0010600	.001315	.0003947	.000549	.000435	.003509	.000767
%RSD	245.9840	241.0722	46.91210	28.31434	61.07519	131.8989	12.26930
#1	.0015389	-.002004	.0004724	-.002447	-.000698	.001385	-.005496
#2	-.000573	.000548	.0007943	-.001357	-.000285	-.004891	-.007030
#3	.000327	-.000181	.0012576	-.002012	-.001155	-.004476	-.006236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000782	-.000012	.0033358	.0000167	-.000124	.0001232	-.001117
Stddev	.0000049	.000038	.0039604	.0004035	.000213	.0002780	.002651
%RSD	6.213901	319.6173	118.7237	2416.565	171.7083	225.6590	237.2909
#1	.0000836	-.000003	.0034734	-.000125	.000119	.0001451	.001933
#2	.0000768	-.000054	.0072257	-.000297	-.000279	-.000165	-.002413
#3	.0000742	.000021	-.000692	.000472	-.000212	.000390	-.002872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002169	-.008849	-.000167	.0003341	-.002161	-.000281	-.000210
Stddev	.000129	.006881	.000105	.0001381	.003119	.000908	.000199
%RSD	5.967072	77.75362	62.67178	41.32797	144.3352	323.3777	94.93149
#1	-.002026	-.004279	-.000282	.0002936	.001394	.000710	-.000245
#2	-.002203	-.005506	-.000078	.0002208	-.003437	-.000480	.000005
#3	-.002279	-.016763	-.000142	.0004879	-.004438	-.001072	-.000389

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023981	.0025070	.0003499	-.002192	.0011078	.0064603	.0000277
Stddev	.016122	.0004786	.0001180	.000106	.0003195	.0020633	.0002319
%RSD	67.22935	19.08857	33.72076	4.815799	28.84262	31.93811	837.1044
#1	-.032088	.0027793	.0004839	-.002084	.0008855	.0067427	-.000214
#2	-.034441	.0019545	.0003044	-.002295	.0014740	.0042704	.000249
#3	-.005414	.0027874	.0002615	-.002197	.0009639	.0083679	.000048

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB02 Acquired: 4/3/2025 13:57:40 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.000971	-.002422	.0002405
Stddev	.003210	.000640	.0000085
%RSD	330.4602	26.43873	3.529501
#1	-.002592	-.003057	.0002457
#2	-.003049	-.002433	.0002450
#3	.002726	-.001776	.0002307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.236	75140.84	17318.81	2066.573	5375.125
Stddev	16.217	80.34	70.77	6.125	23.967
%RSD	.4993957	.1069207	.4086376	.2963977	.4458927
#1	3239.967	75204.99	17268.92	2068.337	5356.878
#2	3235.926	75166.79	17287.70	2059.759	5366.230
#3	3265.816	75050.72	17399.81	2071.623	5402.269

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167411BL Acquired: 4/3/2025 14:02:00 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.000050	.0000110	-.000270	-.001663	.0008745	-.003525	-.005582
Stddev	.000776	.0021572	.000216	.001761	.0006285	.002357	.000410
%RSD	1543.057	19522.89	80.19249	105.8895	71.87174	66.86029	7.343448
#1	.000416	.0024781	-.000291	-.003520	.0001516	-.002250	-.005602
#2	.000379	-.001520	-.000474	-.001452	.0012915	-.006244	-.005982
#3	-.000946	-.000925	-.000044	-.000017	.0011806	-.002080	-.005163

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000906	.0000433	.0046954	.0000191	-.000088	.0000982	-.001457
Stddev	.0000471	.0000411	.0026640	.0001997	.000056	.0001190	.001476
%RSD	51.93501	94.87135	56.73755	1045.143	64.18560	121.1548	101.2909
#1	.0001450	.0000861	.0062374	-.000054	-.000045	.0001101	-.002836
#2	.0000644	.0000394	.0016192	-.000134	-.000152	-.000026	.000100
#3	.0000626	.0000043	.0062295	.000245	-.000066	.000211	-.001636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002201	-.014200	-.000230	.0001989	-.008799	.0000978	-.000331
Stddev	.000363	.005485	.000191	.0002860	.003425	.0013559	.000170
%RSD	16.47010	38.62827	83.00813	143.8088	38.92893	1386.764	51.20455
#1	-.002608	-.008026	-.000394	-.000066	-.012657	-.001468	-.000502
#2	-.002085	-.016063	-.000275	.000502	-.007623	.000855	-.000330
#3	-.001911	-.018511	-.000021	.000161	-.006116	.000906	-.000163

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029306	-.000521	.0000347	-.001862	.0010203	-.003028	-.000169
Stddev	.006796	.000443	.0000105	.000285	.0003293	.005689	.001890
%RSD	23.18883	85.03104	30.10517	15.29823	32.27728	187.8641	1115.441
#1	-.037095	-.000109	.0000275	-.002102	.0010683	-.002887	-.001523
#2	-.024585	-.000990	.0000467	-.001936	.0006696	-.008787	.001990
#3	-.026238	-.000464	.0000300	-.001547	.0013230	.002589	-.000974

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167411BL Acquired: 4/3/2025 14:02:00 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.001685	-.002799	.0000540
Stddev	.002976	.000402	.0000151
%RSD	176.6183	14.37757	27.89803
#1	-.001075	-.002541	.0000486
#2	-.004918	-.002595	.0000423
#3	.000939	-.003263	.0000710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.007	76388.27	17085.81	2115.919	5322.499
Stddev	.388	57.26	143.47	7.419	3.887
%RSD	.0119902	.0749533	.8396996	.3506506	.0730389
#1	3239.896	76454.18	17068.76	2112.524	5322.819
#2	3240.439	76359.74	16951.63	2110.805	5318.461
#3	3239.686	76350.88	17237.05	2124.429	5326.217

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167411BS Acquired: 4/3/2025 14:06:20 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7662961	2.014947	.9240744	1.946621	.7998838	1.833676
Stddev	.0036595	.019215	.0040909	.012311	.0066907	.007741
%RSD	.4775611	.9536398	.4427017	.6324235	.8364605	.4221415
#1	.7654456	2.010325	.9203335	1.944009	.7964889	1.825626
#2	.7631368	1.998464	.9234471	1.935825	.7955711	1.841065
#3	.7703060	2.036051	.9284428	1.960028	.8075914	1.834339

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1726690	.1822511	.1846346	.9074171	.3955154	.1877266
Stddev	.0009043	.0013422	.0010494	.0011726	.0013871	.0008504
%RSD	.5236949	.7364707	.5683432	.1292280	.3506965	.4529993
#1	.1729582	.1837388	.1841608	.9069508	.3970895	.1876510
#2	.1716555	.1811309	.1839056	.9087512	.3944720	.1869165
#3	.1733932	.1818837	.1858373	.9065494	.3949849	.1886123

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3060026	2.842975	.1795011	1.795036	.4725589	.0732096
Stddev	.0010934	.018325	.0009084	.006351	.0032254	.0006462
%RSD	.3573347	.6445720	.5060477	.3538217	.6825361	.8827167
#1	.3047484	2.834220	.1802845	1.802326	.4719363	.0739443
#2	.3065042	2.830669	.1785054	1.790696	.4696902	.0727290
#3	.3067553	2.864035	.1797135	1.792086	.4760502	.0729555

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.890326	.2773166	.1980561	9.178566	.2725695	.4001580
Stddev	.020304	.0013676	.0023277	.044299	.0031528	.0019457
%RSD	.7024880	.4931491	1.175258	.4826368	1.156683	.4862311
#1	2.870411	.2782948	.2003235	9.127551	.2760373	.3991587
#2	2.910998	.2757539	.1956725	9.207321	.2717951	.3989151
#3	2.889569	.2779011	.1981724	9.200826	.2698761	.4024003

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167411BS Acquired: 4/3/2025 14:06:20 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6559194	.1814225	.7692706	5.391343	F -.010905	.1868618
Stddev	.0036699	.0008517	.0100660	.045082	.001163	.0005720
%RSD	.5595064	.4694318	1.308517	.8361871	10.66088	.3061023
#1	.6545929	.1821022	.7722301	5.359881	-.011917	.1873877
#2	.6530973	.1804672	.7580566	5.371158	-.011162	.1869448
#3	.6600682	.1816982	.7775251	5.442990	-.009635	.1862528

Elem	Sr4077
Units	ppm
Avg	.1807999
Stddev	.0004387
%RSD	.2426218
#1	.1809389
#2	.1811521
#3	.1803085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.958	75602.14	16903.47	2062.831	5134.132
Stddev	15.644	389.45	141.80	15.333	21.241
%RSD	.4922661	.5151308	.8388609	.7433151	.4137241
#1	3194.547	75246.69	16763.29	2050.863	5156.774
#2	3163.472	76018.43	17046.83	2080.115	5114.645
#3	3175.857	75541.29	16900.30	2057.516	5130.977

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01 Acquired: 4/3/2025 14:10:23 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0032180	-.004843	.0604208	-.002774	.0040401	4.352180
Stddev	.0032598	.001793	.0013888	.001843	.0021639	.012197
%RSD	101.2981	37.01657	2.298589	66.43005	53.56076	.2802590
#1	-.000532	-.006804	.0591973	-.002793	.0020454	4.358263
#2	.005379	-.003289	.0619304	-.004607	.0063407	4.360140
#3	.004807	-.004436	.0601346	-.000922	.0037342	4.338138

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2581552	.0001946	.0002139	81.60582	.0121839	.0028118
Stddev	.0005577	.0001147	.0000281	.16969	.0003843	.0002681
%RSD	.2160344	58.92363	13.14993	.2079356	3.153827	9.533305
#1	.2576601	.0002375	.0001851	81.44180	.0117634	.0031205
#2	.2580462	.0002817	.0002153	81.59500	.0125168	.0026775
#3	.2587594	.0000647	.0002413	81.78065	.0122715	.0026375

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502048	9.205765	.4777000	9.332732	.0129867	.0006781
Stddev	.0001396	.060669	.0015653	.013168	.0001717	.0000225
%RSD	.2780336	.6590375	.3276832	.1410935	1.321969	3.319109
#1	.0503553	9.137756	.4764545	9.319234	.0131698	.0006556
#2	.0500796	9.254324	.4771882	9.333419	.0128294	.0006782
#3	.0501796	9.225215	.4794571	9.345542	.0129608	.0007006

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.67770	.0140719	.1710246	5.217971	.1421999	.0044470
Stddev	.48757	.0013301	.0016397	.057850	.0012195	.0001205
%RSD	.7312401	9.452000	.9587807	1.108663	.8576057	2.710476
#1	66.17627	.0154726	.1691758	5.151955	.1407976	.0044665
#2	67.15012	.0139168	.1723031	5.259809	.1430120	.0043180
#3	66.70672	.0128261	.1715947	5.242149	.1427902	.0045567

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01 Acquired: 4/3/2025 14:10:23 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0018919	.1903323	F 14.09458	.6608882	6.018766	-.002352
Stddev	.0004872	.0003097	.09820	.0003034	.016826	.000934
%RSD	25.75047	.1627217	.6967121	.0459121	.2795507	39.73311
#1	.0024329	.1899926	13.98227	.6605664	5.999880	-.001924
#2	.0014880	.1904051	14.16427	.6611691	6.032156	-.001707
#3	.0017546	.1905991	14.13720	.6609291	6.024263	-.003423

Elem	Sr4077
Units	ppm
Avg	.3953450
Stddev	.0003472
%RSD	.0878177
#1	.3951124
#2	.3957441
#3	.3951786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.051	71307.68	17404.05	1886.435	4742.406
Stddev	12.317	632.07	36.74	11.082	12.269
%RSD	.4138572	.8863992	.2111262	.5874314	.2587142
#1	2979.671	72011.90	17445.96	1891.462	4743.029
#2	2962.330	70789.53	17377.37	1873.731	4729.836
#3	2986.151	71121.62	17388.81	1894.112	4754.351

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1707-01 Acquired: 4/3/2025 14:15:08 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0008410	-.000180	.0262646	-.004072	.0010474	2.392351
Stddev	.0013115	.000807	.0002390	.001936	.0021581	.015134
%RSD	155.9585	448.9085	.9098878	47.55719	206.0498	.6326170
#1	.0023489	.000317	.0263743	-.003264	.0032952	2.382189
#2	-.000034	-.001111	.0264291	-.002670	-.001008	2.409745
#3	.000208	.000255	.0259905	-.006281	.000855	2.385120

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632400	.0004028	-.000305	F 99.20573	.0086469	.0032124
Stddev	.0008215	.0000300	.000038	.04470	.0001506	.0002921
%RSD	1.299102	7.437778	12.42426	.0450594	1.741618	9.091409
#1	.0631993	.0004098	-.000261	99.23888	.0086504	.0028923
#2	.0640812	.0004287	-.000324	99.22341	.0084946	.0034643
#3	.0624396	.0003700	-.000329	99.15489	.0087957	.0032806

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534846	F 13.79537	.3699833	14.78816	.0112859	.0005467
Stddev	.0003174	.09899	.0014027	.06272	.0000376	.0001662
%RSD	.5933602	.7175437	.3791346	.4241506	.3332643	30.40135
#1	.0535038	13.71472	.3693409	14.72652	.0112514	.0005004
#2	.0531581	13.76554	.3715922	14.78605	.0113260	.0007311
#3	.0537920	13.90584	.3690169	14.85191	.0112802	.0004085

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 174.9272	.0069298	.3761746	13.48120	.0825258	.0031088
Stddev	1.3192	.0001100	.0061103	.10619	.0002231	.0001947
%RSD	.7541423	1.587501	1.624336	.7876787	.2703221	6.262194
#1	174.3445	.0068699	.3722366	13.36412	.0823960	.0032459
#2	173.9996	.0070568	.3730735	13.50817	.0823979	.0031946
#3	176.4374	.0068628	.3832137	13.57129	.0827834	.0028860

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1707-01 Acquired: 4/3/2025 14:15:08 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.004467	.1394258	F 16.28223	1.424170	7.699593	.0018410
Stddev	.000645	.0005519	.14702	.011117	.026574	.0002789
%RSD	14.44466	.3958639	.9029729	.7805743	.3451399	15.14837
#1	-.005022	.1391035	16.12297	1.413764	7.701135	.0015287
#2	-.003759	.1391109	16.31093	1.422865	7.672281	.0019291
#3	-.004620	.1400631	16.41279	1.435882	7.725362	.0020653

Elem	Sr4077
Units	ppm
Avg	.3035555
Stddev	.0010528
%RSD	.3468193
#1	.3033960
#2	.3046789
#3	.3025915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2895.829	70315.52	17314.93	1857.092	4463.251
Stddev	8.833	721.83	28.11	29.076	15.815
%RSD	.3050335	1.026552	.1623348	1.565675	.3543389
#1	2904.549	70858.54	17324.20	1879.634	4478.383
#2	2896.052	70591.63	17337.24	1867.369	4464.538
#3	2886.887	69496.40	17283.36	1824.273	4446.832

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1707-02 Acquired: 4/3/2025 14:19:29 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0025748	-.000589	.0309719	-.002871	.0037500	2.667776
Stddev	.0014239	.000382	.0006629	.001123	.0008112	.005700
%RSD	55.29990	64.93988	2.140363	39.12432	21.63243	.2136491
#1	.0025842	-.000278	.0306532	-.004140	.0044907	2.665258
#2	.0039939	-.001016	.0317340	-.002005	.0038761	2.674301
#3	.0011463	-.000472	.0305286	-.002468	.0028831	2.663768

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664808	.0002987	-.000445	102.7574	.0087848	.0034927
Stddev	.0007036	.0000378	.000037	.0093	.0002530	.0001588
%RSD	1.058393	12.66158	8.387324	.0090353	2.879334	4.547671
#1	.0661261	.0003115	-.000448	102.7467	.0090765	.0034139
#2	.0660251	.0002561	-.000481	102.7639	.0086257	.0033886
#3	.0672912	.0003285	-.000407	102.7614	.0086523	.0036755

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615035	14.46481	.3643007	16.08134	.0110498	.0004770
Stddev	.0001849	.07043	.0007775	.03886	.0002515	.0002933
%RSD	.3005895	.4869297	.2134139	.2416664	2.275633	61.48429
#1	.0612914	14.40233	.3643283	16.04255	.0112581	.0001994
#2	.0615885	14.45095	.3650639	16.12028	.0111209	.0004479
#3	.0616305	14.54114	.3635097	16.08120	.0107705	.0007838

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	180.9879	.0073465	.3852765	14.18436	.0857289	.0033608
Stddev	1.1132	.0007891	.0022975	.09353	.0005306	.0001251
%RSD	.6150762	10.74151	.5963338	.6594019	.6189641	3.723617
#1	179.7147	.0064388	.3847848	14.08475	.0853806	.0034191
#2	181.4713	.0078700	.3832647	14.19800	.0863396	.0032172
#3	181.7776	.0077306	.3877801	14.27032	.0854665	.0034462

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1707-02 Acquired: 4/3/2025 14:19:29 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.001882	.1590529	F 18.16552	1.498617	9.134591	.0042870
Stddev	.000782	.0064845	.12746	.008919	.049911	.0011847
%RSD	41.57362	4.076955	.7016432	.5951332	.5464001	27.63400
#1	-.001940	.1602808	18.08842	1.490276	9.102987	.0030685
#2	-.002634	.1648357	18.09549	1.497556	9.108656	.0043578
#3	-.001072	.1520422	18.31264	1.508019	9.192131	.0054347

Elem	Sr4077
Units	ppm
Avg	.3169124
Stddev	.0001689
%RSD	.0532812
#1	.3168737
#2	.3170973
#3	.3167663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.978	69511.49	17186.59	1857.159	4423.343
Stddev	2.725	177.66	73.16	11.655	7.428
%RSD	.0947472	.2555823	.4256579	.6275571	.1679342
#1	2872.881	69714.50	17149.45	1869.375	4429.752
#2	2878.008	69384.40	17139.46	1855.940	4425.076
#3	2877.046	69435.59	17270.87	1846.161	4415.202

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01DUP Acquired: 4/3/2025 14:23:49 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0035818	-.004943	.0592382	-.002952	.0034724	4.603194
Stddev	.0022287	.001146	.0009607	.002179	.0017498	.007076
%RSD	62.22215	23.19140	1.621833	73.80409	50.39153	.1537300
#1	.0033062	-.005135	.0602280	-.000639	.0027648	4.603764
#2	.0059355	-.005981	.0591773	-.003250	.0021872	4.609968
#3	.0015038	-.003713	.0583094	-.004966	.0054651	4.595850

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2615078	.0002751	.0002756	81.28087	.0121997	.0028684
Stddev	.0007143	.0000333	.0000634	.40665	.0004324	.0003760
%RSD	.2731280	12.09410	22.99969	.5002973	3.544049	13.10726
#1	.2611886	.0003107	.0003414	80.91386	.0124988	.0032972
#2	.2623260	.0002698	.0002150	81.71803	.0117039	.0025953
#3	.2610089	.0002448	.0002705	81.21072	.0123963	.0027127

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496556	9.065767	.4823826	9.363222	.0127369	.0003609
Stddev	.0002517	.072665	.0011444	.064740	.0000453	.0002286
%RSD	.5068982	.8015281	.2372334	.6914338	.3557753	63.33242
#1	.0498040	8.982871	.4812156	9.322105	.0127618	.0004024
#2	.0493649	9.095974	.4835030	9.437849	.0126846	.0001145
#3	.0497977	9.118456	.4824292	9.329712	.0127644	.0005659

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.45136	.0153046	.1708531	5.160783	.1427168	.0041673
Stddev	.28723	.0001697	.0021832	.035545	.0010862	.0003086
%RSD	.4456616	1.108719	1.277826	.6887566	.7611132	7.406128
#1	64.23801	.0154969	.1684393	5.128138	.1414934	.0042583
#2	64.33812	.0151758	.1714305	5.155560	.1430886	.0038234
#3	64.77795	.0152412	.1726897	5.198651	.1435682	.0044202

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01DUP Acquired: 4/3/2025 14:23:49 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0023004	.2121758	F 14.36773	.6642462	5.985055	-.002269
Stddev	.0008136	.0032827	.04009	.0041617	.009080	.000453
%RSD	35.36613	1.547151	.2790083	.6265295	.1517116	19.97450
#1	.0014812	.2095050	14.33413	.6645861	5.991337	-.002531
#2	.0031082	.2111818	14.35695	.6599250	5.989184	-.002531
#3	.0023119	.2158406	14.41210	.6682275	5.974644	-.001746

Elem	Sr4077
Units	ppm
Avg	.3963217
Stddev	.0010278
%RSD	.2593349
#1	.3951841
#2	.3965976
#3	.3971833

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.057	72729.77	17128.66	1918.084	4781.810
Stddev	8.045	163.83	90.28	14.804	12.107
%RSD	.2669922	.2252534	.5270637	.7718336	.2531968
#1	3004.253	72852.60	17114.74	1925.228	4767.860
#2	3014.895	72543.76	17046.15	1901.062	4789.578
#3	3020.025	72792.94	17225.09	1927.961	4787.994

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01LX5 Acquired: 4/3/2025 14:28:02 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0000820	-.001836	.0123281	-.000560	-.000138	.9592642	.0490643
Stddev	.0011187	.001830	.0007476	.001922	.001201	.0074538	.0012771
%RSD	1364.429	99.65485	6.064029	343.3144	869.7974	.7770300	2.602953
#1	.0011686	-.000595	.0125648	.001545	.001101	.9588778	.0498566
#2	.0001438	-.000976	.0114908	-.002220	-.001296	.9669036	.0475910
#3	-.001066	-.003937	.0129286	-.001004	-.000220	.9520111	.0497454

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001119	.0000587	16.91174	.0024568	.0003815	.0105572	1.911095
Stddev	.0000566	.0000010	.02849	.0003801	.0000391	.0003112	.010018
%RSD	50.57864	1.632319	.1684579	15.46951	10.24408	2.948041	.5242092
#1	.0000694	.0000586	16.94401	.0021531	.0003559	.0101978	1.919625
#2	.0000902	.0000578	16.89008	.0023343	.0004265	.0107306	1.900063
#3	.0001762	.0000597	16.90113	.0028830	.0003621	.0107430	1.913597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992659	1.964133	.0025765	.0003906	12.94429	.0023887	.0347529
Stddev	.0004538	.015744	.0000318	.0000803	.00947	.0017246	.0002181
%RSD	.4571621	.8015942	1.235515	20.54628	.0731395	72.19654	.6275186
#1	.0997509	1.961711	.0025476	.0003602	12.93682	.0028333	.0348616
#2	.0988516	1.980947	.0026106	.0004816	12.95494	.0004854	.0348954
#3	.0991953	1.949739	.0025712	.0003300	12.94111	.0038475	.0345019

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9905208	.0291876	.0006508	-.001563	.0447167	3.012234	.1373573
Stddev	.0194834	.0005512	.0002119	.001134	.0008784	.012522	.0035670
%RSD	1.966990	1.888619	32.56154	72.55548	1.964352	.4157066	2.596837
#1	1.008072	.0289922	.0006508	-.002765	.0457306	2.998155	.1335445
#2	.993935	.0287607	.0008627	-.001413	.0441845	3.022126	.1406127
#3	.969556	.0298100	.0004389	-.000512	.0442352	3.016421	.1379148

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01LX5 Acquired: 4/3/2025 14:28:02 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	1.267154	-.000561	.0799871
Stddev	.001545	.000497	.0002112
%RSD	.1219025	88.59373	.2640973
#1	1.265695	-.000945	.0801530
#2	1.266994	.000000	.0800589
#3	1.268772	-.000739	.0797493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.688	73938.44	17381.22	2010.103	5037.409
Stddev	6.772	25.17	32.58	1.835	10.136
%RSD	.2158951	.0340407	.1874651	.0912677	.2012048
#1	3144.349	73909.37	17364.14	2008.052	5045.587
#2	3131.498	73953.17	17360.73	2011.587	5040.572
#3	3134.219	73952.76	17418.79	2010.669	5026.070

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1692-01 Acquired: 4/3/2025 14:35:36 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.1102919	.0060026	.3812167	-.044155	-.004457	77.75448	.6776497
Stddev	.0015149	.0026127	.0013248	.002556	.002894	.25761	.0013617
%RSD	1.373579	43.52595	.3475260	5.789133	64.93108	.3313093	.2009511
#1	.1117396	.0079009	.3825018	-.046557	-.006129	77.52827	.6768172
#2	.1104184	.0030228	.3798554	-.044440	-.006126	77.70031	.6769107
#3	.1087177	.0070841	.3812930	-.041468	-.001115	78.03487	.6792212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079051	-.004092	145.5917	.2209553	.1044355	.2563260	277.9275
Stddev	.0001389	.000345	.5858	.0011395	.0002800	.0017510	1.0866
%RSD	1.757730	8.436801	.4023284	.5157192	.2681246	.6831161	.3909537
#1	.0080643	-.004379	145.1099	.2210681	.1041174	.2547020	278.3014
#2	.0078425	-.004188	145.4214	.2220342	.1046448	.2560949	278.7777
#3	.0078084	-.003709	146.2437	.2197636	.1045443	.2581811	276.7033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.216238	77.34695	.1674606	.0012257	5.976269	.5189096	.5762558
Stddev	.009922	.26811	.0002846	.0002974	.033071	.0005845	.0027429
%RSD	.3084990	.3466355	.1699680	24.26029	.5533640	.1126414	.4759860
#1	3.208195	77.12682	.1674251	.0009888	5.958447	.5182416	.5794198
#2	3.213194	77.26849	.1671953	.0015594	6.014427	.5191596	.5747989
#3	3.227326	77.64554	.1677613	.0011289	5.955931	.5193275	.5745489

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24021	.5321797	.0060728	.0074364	2.964168	6.378130	4.915546
Stddev	.05119	.0026284	.0001853	.0014014	.007910	.015787	.020120
%RSD	.3866607	.4938850	3.051090	18.84571	.2668633	.2475145	.4093046
#1	13.23107	.5328105	.0062707	.0083855	2.957524	6.359972	4.895254
#2	13.29535	.5344352	.0060442	.0058267	2.962061	6.385818	4.915895
#3	13.19419	.5292933	.0059035	.0080969	2.972918	6.388600	4.935489

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1692-01 Acquired: 4/3/2025 14:35:36 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	5.369440	.2454172	.1062635
Stddev	.035384	.0009067	.0017484
%RSD	.6589818	.3694541	1.645302
#1	5.332313	.2454311	.1050079
#2	5.373230	.2463168	.1055222
#3	5.402775	.2445036	.1082604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.775	77667.10	18825.15	2098.241	4389.330
Stddev	11.280	311.03	48.09	14.777	14.036
%RSD	.3513260	.4004654	.2554394	.7042611	.3197750
#1	3222.021	77487.46	18832.10	2081.311	4404.576
#2	3210.842	77487.58	18869.38	2104.860	4386.469
#3	3199.461	78026.24	18773.96	2108.551	4376.945

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV03 Acquired: 4/3/2025 14:39:37 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.033493	5.201544	4.909182	5.077409	5.089616	9.766694	9.576879
Stddev	.018598	.025890	.009090	.020814	.025741	.044872	.046159
%RSD	.3694894	.4977405	.1851650	.4099296	.5057541	.4594378	.4819807
#1	5.017820	5.176365	4.902589	5.053917	5.065481	9.747302	9.525070
#2	5.028614	5.200175	4.919551	5.084763	5.086660	9.818001	9.613623
#3	5.054044	5.228091	4.905405	5.093549	5.116707	9.734780	9.591943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2418184	2.441741	23.66938	1.006586	2.446034	1.272338	4.875425
Stddev	.0010372	.003688	.08721	.005932	.003974	.002915	.028382
%RSD	.4289262	.1510310	.3684560	.5893658	.1624578	.2290870	.5821428
#1	.2406212	2.438359	23.58032	.999752	2.442248	1.269549	4.866523
#2	.2423874	2.445673	23.75462	1.010411	2.450172	1.272100	4.907190
#3	.2424466	2.441192	23.67321	1.009595	2.445681	1.275364	4.852561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322938	23.89780	2.451844	1.249367	25.31449	2.409616	2.523161
Stddev	.008976	.11852	.003271	.005391	.21177	.006984	.016667
%RSD	.3863997	.4959344	.1334265	.4315370	.8365482	.2898468	.6605694
#1	2.317427	23.81865	2.449040	1.243781	25.25020	2.405998	2.506153
#2	2.333296	23.84071	2.455438	1.254540	25.55095	2.417667	2.539465
#3	2.318093	24.03406	2.451054	1.249782	25.14231	2.405184	2.523863

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.64349	4.795158	5.067990	4.934230	4.752821	5.065192	4.988206
Stddev	.22090	.021730	.018447	.008364	.027602	.034208	.005434
%RSD	.8964027	.4531569	.3639814	.1695026	.5807399	.6753448	.1089389
#1	24.64080	4.770069	5.050579	4.924628	4.744750	5.032554	4.991389
#2	24.86572	4.807998	5.066068	4.939925	4.783558	5.100778	4.991297
#3	24.42394	4.807407	5.087322	4.938137	4.730155	5.062245	4.981931

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV03 Acquired: 4/3/2025 14:39:37 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	4.954749	4.800481	4.800381
Stddev	.004881	.046632	.014353
%RSD	.0985170	.9713928	.2989959
#1	4.950370	4.802317	4.809185
#2	4.960012	4.846168	4.783819
#3	4.953866	4.752959	4.808139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.816	72261.47	16055.75	1983.966	4725.432
Stddev	10.631	206.23	26.36	7.731	8.413
%RSD	.3457419	.2853985	.1641881	.3896547	.1780374
#1	3084.415	72445.12	16085.96	1990.269	4734.587
#2	3076.643	72038.36	16037.37	1975.340	4723.669
#3	3063.390	72300.94	16043.94	1986.288	4718.040

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB03 Acquired: 4/3/2025 14:43:48 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0012460	-.001010	.0010608	-.000773	-.000162	.0001522	-.005847
Stddev	.0005899	.002013	.0008889	.001260	.000800	.0048777	.000308
%RSD	47.34260	199.2096	83.79716	163.0537	494.1229	3204.208	5.267146
#1	.0017049	-.000540	.0010783	.000349	.000026	.0056105	-.005814
#2	.0014524	.000726	.0019408	-.000531	-.001039	-.001374	-.005557
#3	.0005806	-.003217	.0001632	-.002136	.000527	-.003780	-.006170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001202	.0002570	.0124466	-.000026	.0002068	.0000141	.0016993
Stddev	.0000351	.0000565	.0020181	.000050	.0000828	.0002829	.0020176
%RSD	29.21399	21.97767	16.21443	191.4712	40.00888	2010.862	118.7276
#1	.0000866	.0003073	.0123623	-.000079	.0001218	.0002714	.0015091
#2	.0001174	.0002678	.0104719	-.000021	.0002871	.0000596	-.000216
#3	.0001567	.0001959	.0145055	.000021	.0002116	-.000289	.003805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001614	-.004526	.0001034	.0003109	.0004473	.0011916	-.000074
Stddev	.000226	.004009	.0002823	.0002884	.0036774	.0001644	.000270
%RSD	14.03544	88.57215	272.9591	92.75435	822.1072	13.79534	363.9218
#1	-.001866	-.004697	.0000963	-.000004	.0038356	.0013782	.000221
#2	-.001427	-.000435	-.000175	.000375	-.003463	.0010684	-.000310
#3	-.001549	-.008447	.000389	.000562	.000970	.0011281	-.000134

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023340	.0031903	.0007905	-.001829	.0028180	.0053736	-.000462
Stddev	.016961	.0004369	.0002685	.000193	.0000417	.0026398	.001240
%RSD	72.67121	13.69580	33.96993	10.54048	1.480498	49.12649	268.6615
#1	-.028201	.0031033	.0008604	-.002051	.0028662	.0080445	-.000941
#2	-.037340	.0028034	.0010172	-.001707	.0027937	.0027660	-.001391
#3	-.004479	.0036642	.0004940	-.001729	.0027942	.0053102	.000947

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB03 Acquired: 4/3/2025 14:43:48 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0036889	-.000339	.0007154
Stddev	.0016854	.000382	.0001105
%RSD	45.68706	112.6383	15.44746
#1	.0019266	-.000060	.0008278
#2	.0052850	-.000774	.0007115
#3	.0038552	-.000183	.0006069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.162	74262.06	16402.63	2014.861	5217.302
Stddev	13.952	320.34	39.34	13.286	26.969
%RSD	.4409372	.4313665	.2398231	.6594009	.5169170
#1	3168.998	73952.77	16375.86	1999.928	5226.144
#2	3175.053	74240.99	16447.80	2019.280	5238.740
#3	3148.436	74592.41	16384.24	2025.374	5187.021

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01MS Acquired: 4/3/2025 14:49:47 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7452875	1.770565	.8906585	1.803669	.7828944	5.841411
Stddev	.0040925	.006468	.0016476	.007198	.0013318	.006160
%RSD	.5491206	.3653320	.1849888	.3991019	.1701133	.1054536
#1	.7486000	1.777712	.8888495	1.805154	.7830090	5.843200
#2	.7465500	1.765113	.8910527	1.810009	.7841651	5.834555
#3	.7407125	1.768869	.8920732	1.795843	.7815089	5.846479

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4082534	.1691891	.1721841	77.59834	.3764604	.1803007
Stddev	.0006398	.0006288	.0003057	.06193	.0014134	.0005188
%RSD	.1567129	.3716539	.1775657	.0798096	.3754477	.2877646
#1	.4083585	.1684759	.1722390	77.54396	.3771279	.1799499
#2	.4075676	.1696637	.1718546	77.66575	.3748368	.1800554
#3	.4088342	.1694276	.1724586	77.58531	.3774164	.1808967

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3276472	10.40338	.6003347	10.41867	.4545330	.0673383
Stddev	.0005599	.07109	.0014553	.02293	.0008307	.0001321
%RSD	.1708828	.6833392	.2424107	.2200559	.1827559	.1961207
#1	.3271078	10.42601	.5986551	10.40062	.4539648	.0673635
#2	.3282255	10.32373	.6011282	10.44447	.4541478	.0671954
#3	.3276084	10.46040	.6012207	10.41092	.4554863	.0674559

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.58334	.2713357	.3436131	13.95328	.3771438	.4045288
Stddev	.40525	.0008149	.0016031	.08818	.0017318	.0008374
%RSD	.6580470	.3003345	.4665431	.6319637	.4591789	.2070032
#1	61.63585	.2706040	.3431885	13.95763	.3751442	.4047341
#2	61.15440	.2722140	.3422650	13.86301	.3781572	.4052444
#3	61.95978	.2711892	.3453857	14.03921	.3781300	.4036078

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01MS Acquired: 4/3/2025 14:49:47 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6222057	.3300447	F 13.17917	5.928501	5.822845	.1797210
Stddev	.0015302	.0014325	.07196	.026177	.011381	.0019382
%RSD	.2459261	.4340337	.5460284	.4415494	.1954540	1.078474
#1	.6217267	.3293565	13.17107	5.908514	5.823402	.1802342
#2	.6209723	.3290862	13.11161	5.918856	5.833937	.1775778
#3	.6239180	.3316915	13.25485	5.958132	5.811196	.1813510

Elem	Sr4077
Units	ppm
Avg	.5450250
Stddev	.0011773
%RSD	.2160139
#1	.5460678
#2	.5437483
#3	.5452590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.402	71404.83	16457.13	1909.582	4598.863
Stddev	12.497	190.33	48.50	6.719	10.147
%RSD	.4273226	.2665510	.2946891	.3518418	.2206503
#1	2926.553	71359.66	16453.07	1902.164	4603.729
#2	2910.970	71613.67	16410.79	1915.259	4587.199
#3	2935.684	71241.14	16507.53	1911.323	4605.661

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01MSD Acquired: 4/3/2025 14:53:47 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7244232	1.752554	.8771640	1.750539	.7647972	5.785449
Stddev	.0011569	.005713	.0035741	.003460	.0005763	.004657
%RSD	.1597000	.3259986	.4074566	.1976607	.0753505	.0805028
#1	.7241498	1.746465	.8761145	1.750117	.7650210	5.790825
#2	.7234275	1.757798	.8742323	1.754191	.7641425	5.782644
#3	.7256924	1.753400	.8811454	1.747310	.7652279	5.782878

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4220881	.1633245	.1696733	77.60258	.3757197	.1790583
Stddev	.0007839	.0001794	.0005573	.04103	.0008563	.0005470
%RSD	.1857129	.1098146	.3284760	.0528744	.2278959	.3054878
#1	.4224211	.1635284	.1696676	77.56058	.3751720	.1791765
#2	.4211927	.1632538	.1691188	77.60459	.3767064	.1784619
#3	.4226505	.1631913	.1702334	77.64257	.3752806	.1795365

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3216597	10.88312	.6078425	10.35227	.4501901	.0677157
Stddev	.0006262	.03947	.0008538	.05110	.0018505	.0001983
%RSD	.1946891	.3626695	.1404585	.4936311	.4110371	.2928533
#1	.3214304	10.85207	.6072846	10.29469	.4498840	.0675452
#2	.3211803	10.86976	.6074176	10.36990	.4485117	.0679333
#3	.3223682	10.92753	.6088254	10.39222	.4521745	.0676686

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.17517	.2719714	.3442440	14.60836	.3676618	.4023517
Stddev	.04080	.0028092	.0012119	.02275	.0007875	.0020228
%RSD	.0645879	1.032896	.3520547	.1557232	.2141874	.5027358
#1	63.16353	.2734134	.3454903	14.62044	.3685539	.4007803
#2	63.22053	.2737668	.3441719	14.58212	.3670633	.4016408
#3	63.14145	.2687341	.3430697	14.62252	.3673681	.4046339

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01MSD Acquired: 4/3/2025 14:53:47 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6132213	.3343724	F 13.62431	5.800624	5.662411	.1818969
Stddev	.0013508	.0009399	.02913	.025037	.015495	.0010128
%RSD	.2202790	.2810941	.2138188	.4316270	.2736478	.5567850
#1	.6146709	.3333567	13.59207	5.775748	5.669046	.1824733
#2	.6129952	.3345493	13.64875	5.800306	5.644703	.1824899
#3	.6119979	.3352114	13.63212	5.825819	5.673483	.1807275

Elem	Sr4077
Units	ppm
Avg	.5529693
Stddev	.0011101
%RSD	.2007510
#1	.5542422
#2	.5524631
#3	.5522025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.400	71650.72	17106.37	1931.860	4725.108
Stddev	5.892	168.90	25.73	7.851	11.857
%RSD	.1961050	.2357285	.1504300	.4064153	.2509368
#1	3009.446	71796.29	17104.27	1924.733	4729.376
#2	3005.829	71465.53	17081.75	1930.572	4734.239
#3	2997.925	71690.33	17133.09	1940.276	4711.707

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01A Acquired: 4/3/2025 14:57:47 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7353603	1.747667	.8903215	1.779492	.7739242	5.989738
Stddev	.0032013	.019391	.0028388	.000499	.0003052	.010544
%RSD	.4353367	1.109508	.3188480	.0280599	.0394344	.1760381
#1	.7386392	1.765424	.8919781	1.779450	.7738156	5.987273
#2	.7322427	1.750599	.8870436	1.780010	.7742688	5.980645
#3	.7351990	1.726977	.8919427	1.779014	.7736880	6.001296

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4295498	.1602500	.1720320	77.35848	.3721300	.1807148
Stddev	.0010866	.0009299	.0004995	.20860	.0006459	.0006375
%RSD	.2529728	.5802782	.2903553	.2696561	.1735621	.3527631
#1	.4307562	.1613193	.1722849	77.53524	.3723271	.1813676
#2	.4286478	.1598003	.1714567	77.41181	.3714085	.1800938
#3	.4292453	.1596305	.1723545	77.12839	.3726544	.1806830

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3261616	11.11981	.6084042	10.39379	.4562532	.0669565
Stddev	.0005111	.01934	.0009987	.03602	.0007826	.0005651
%RSD	.1566960	.1739127	.1641473	.3465264	.1715308	.8440449
#1	.3257357	11.10718	.6095048	10.42080	.4559473	.0675357
#2	.3260208	11.11018	.6075558	10.40766	.4556697	.0664066
#3	.3267283	11.14208	.6081518	10.35290	.4571426	.0669272

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.62944	.2734613	.3428292	14.87418	.3622185	.4030875
Stddev	.35825	.0014853	.0025379	.08322	.0006490	.0011925
%RSD	.5630268	.5431364	.7402723	.5595025	.1791736	.2958539
#1	63.41867	.2718230	.3450175	14.81764	.3627511	.4025649
#2	63.42656	.2747199	.3434230	14.83516	.3624087	.4044522
#3	64.04308	.2738408	.3400471	14.96974	.3614956	.4022455

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1690-01A Acquired: 4/3/2025 14:57:47 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6267587	.3551728	F 14.52941	5.963276	5.855877	.1828254
Stddev	.0015883	.0033745	.07514	.022496	.010588	.0005965
%RSD	.2534166	.9500944	.5171547	.3772462	.1808164	.3262483
#1	.6279722	.3528095	14.49841	5.988811	5.867366	.1821715
#2	.6249610	.3536716	14.47473	5.946379	5.846511	.1829651
#3	.6273429	.3590374	14.61509	5.954638	5.853753	.1833396

Elem	Sr4077
Units	ppm
Avg	.5582381
Stddev	.0006899
%RSD	.1235801
#1	.5588806
#2	.5575090
#3	.5583247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.017	72449.47	17456.33	1972.347	4638.043
Stddev	3.940	177.26	77.85	6.342	1.981
%RSD	.1327389	.2446606	.4459575	.3215256	.0427026
#1	2971.052	72349.71	17372.51	1965.030	4640.188
#2	2963.565	72654.13	17470.12	1975.759	4637.657
#3	2969.434	72344.58	17526.37	1976.252	4636.283

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1657-04 Acquired: 4/3/2025 15:01:46 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.003915	-.007875	.0008942	.0040331	.0014486	.0311689	.4482422
Stddev	.002977	.001617	.0016215	.0028460	.0008149	.0047283	.0024314
%RSD	76.03721	20.52903	181.3480	70.56526	56.25277	15.17005	.5424409
#1	-.002814	-.008814	-.000123	.0065346	.0019504	.0260494	.4501773
#2	-.007286	-.006008	.000041	.0046281	.0018871	.0353720	.4455130
#3	-.001646	-.008802	.002764	.0009367	.0005084	.0320852	.4490364

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000389	.0005862	79.22853	.0007826	.0005398	.0041880	.0325579
Stddev	.0000777	.0000464	.19613	.0001379	.0000782	.0007447	.0007870
%RSD	199.7101	7.914682	.2475533	17.62591	14.48168	17.78189	2.417396
#1	.0000413	.0006204	79.35959	.0006289	.0005951	.0044548	.0321978
#2	-.000040	.0006047	79.00304	.0008956	.0004504	.0047625	.0334606
#3	.000115	.0005334	79.32294	.0008232	.0005740	.0033466	.0320154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5315402	10.91992	.0069264	-.000202	401.0743	-.000437	.1915653
Stddev	.0036480	.02573	.0001953	.000428	2.6212	.002372	.0002583
%RSD	.6863012	.2355839	2.820235	212.1669	.6535387	542.6689	.1348163
#1	.5345408	10.89924	.0068862	-.000681	403.8634	.000829	.1914626
#2	.5274796	10.91179	.0067542	-.000066	400.6978	-.003174	.1913742
#3	.5326001	10.94873	.0071386	.000142	398.6618	.001034	.1918591

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015123	.0592424	.0005767	-.003759	.0002793	3.966487	.0112511
Stddev	.006867	.0007170	.0001121	.000167	.0004961	.024658	.0071354
%RSD	.6764679	1.210248	19.43865	4.446120	177.6125	.6216546	63.41979
#1	1.022864	.0584961	.0006684	-.003949	.0007767	3.974152	.0192832
#2	1.012741	.0599259	.0004517	-.003693	-.000216	3.938907	.0088249
#3	1.009764	.0593052	.0006100	-.003635	.000277	3.986402	.0056451

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1657-04 Acquired: 4/3/2025 15:01:46 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	2.241994	-.016018	.2536865
Stddev	.003555	.000732	.0010677
%RSD	.1585687	4.567554	.4208530
#1	2.242132	-.016571	.2547352
#2	2.238372	-.015188	.2526008
#3	2.245478	-.016294	.2537234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.180	68481.42	16110.99	1878.548	4335.515
Stddev	8.388	186.39	23.96	7.875	8.448
%RSD	.2905222	.2721747	.1487284	.4191842	.1948539
#1	2887.050	68456.99	16083.45	1882.973	4337.397
#2	2895.632	68308.46	16122.49	1869.456	4342.864
#3	2878.858	68678.82	16127.04	1883.214	4326.285

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167422BL Acquired: 4/3/2025 15:06:09 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0007482	.0015862	-.001145	-.001641	.0011320	-.003407	-.005805
Stddev	.0005285	.0001815	.000691	.002524	.0015695	.006155	.001069
%RSD	70.64328	11.44475	60.39863	153.8203	138.6570	180.6515	18.41430
#1	.0007489	.0013825	-.000349	-.000550	.0016192	-.003030	-.005090
#2	.0002193	.0016454	-.001487	-.004528	-.000623	-.009741	-.007034
#3	.0012764	.0017308	-.001597	.000154	.002400	.002551	-.005291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000777	.0000097	.0225457	-.000079	-.000096	-.000223	-.001496
Stddev	.0000568	.0000063	.0056597	.000048	.000078	.000251	.006171
%RSD	73.08778	65.38472	25.10327	61.30234	80.93715	112.6527	412.6392
#1	.0000408	.0000148	.0218710	-.000034	-.000075	-.000450	-.007374
#2	.0001431	.0000026	.0172536	-.000130	-.000031	.000047	.004932
#3	.0000491	.0000116	.0285126	-.000072	-.000183	-.000266	-.002044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001904	.0007108	-.000046	.0001362	.1428561	-.000118	.0008004
Stddev	.000155	.0017188	.000082	.0001058	.0155808	.001018	.0003167
%RSD	8.151727	241.8031	178.5699	77.69048	10.90665	859.4721	39.57533
#1	-.002065	.0009869	-.000014	.0000140	.1603155	.000414	.0009163
#2	-.001891	.0022748	-.000140	.0001997	.1378864	.000523	.0010428
#3	-.001755	-.001129	.000015	.0001949	.1303663	-.001292	.0004420

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270965	-.002049	-.000280	-.001518	.0012613	.0003116	.0012462
Stddev	.0129018	.000495	.000222	.000233	.0003803	.0019109	.0025158
%RSD	47.61429	24.13876	79.22244	15.36310	30.15264	613.3467	201.8770
#1	.0134559	-.001606	-.000041	-.001650	.0012093	.0011627	.0010403
#2	.0391040	-.002583	-.000320	-.001655	.0016649	-.001877	-.001160
#3	.0287296	-.001957	-.000480	-.001248	.0009097	.001649	.003859

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167422BL Acquired: 4/3/2025 15:06:09 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0021173	.0029264	.0000396
Stddev	.0040956	.0007903	.0000119
%RSD	193.4356	27.00738	30.19184
#1	.0043742	.0037136	.0000425
#2	-.002610	.0029327	.0000264
#3	.004588	.0021330	.0000498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.274	76047.99	16737.02	2114.751	5326.702
Stddev	13.499	960.20	72.27	33.876	21.346
%RSD	.4140327	1.262630	.4317825	1.601889	.4007333
#1	3267.568	75369.75	16698.38	2095.513	5333.354
#2	3268.557	75627.52	16820.39	2094.874	5343.930
#3	3244.698	77146.71	16692.28	2153.866	5302.823

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167422BS Acquired: 4/3/2025 15:10:28 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7746386	2.034645	.9346642	1.966564	.8061861	1.861433	.1741524
Stddev	.0082807	.028293	.0075524	.015769	.0071320	.030671	.0035806
%RSD	1.068975	1.390554	.8080332	.8018682	.8846587	1.647683	2.056006
#1	.7833309	2.040621	.9410014	1.975405	.8115853	1.848482	.1715333
#2	.7668424	2.003841	.9263073	1.948358	.7981012	1.839362	.1726913
#3	.7737423	2.059472	.9366839	1.975930	.8088719	1.896455	.1782324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1856629	.1876388	.9056476	.4022230	.1910436	.3102429	2.881385
Stddev	.0022603	.0016404	.0072708	.0008192	.0016024	.0023200	.009471
%RSD	1.217416	.8742376	.8028339	.2036586	.8387732	.7477914	.3286987
#1	.1846571	.1888143	.9099521	.4013107	.1924716	.3115470	2.891135
#2	.1840800	.1857648	.8972528	.4024626	.1893106	.3075643	2.872220
#3	.1882515	.1883373	.9097378	.4028955	.1913484	.3116174	2.880799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1807871	1.845068	.4814810	.0748779	2.998248	.2801881	.2025311
Stddev	.0023640	.027202	.0049536	.0003212	.012319	.0030147	.0004257
%RSD	1.307638	1.474285	1.028823	.4289933	.4108676	1.075947	.2101914
#1	.1800129	1.822150	.4853364	.0747723	2.995097	.2770795	.2030220
#2	.1789072	1.837927	.4758940	.0752387	2.987811	.2803858	.2023078
#3	.1834412	1.875128	.4832125	.0746228	3.011836	.2830991	.2022634

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.334650	.2748622	.4052499	.6638609	.1836498	.7798384	5.496157
Stddev	.042330	.0033213	.0035044	.0056953	.0020712	.0060312	.049209
%RSD	.4534707	1.208355	.8647401	.8579033	1.127811	.7733914	.8953341
#1	9.320288	.2726351	.4077215	.6671227	.1824012	.7742414	5.528246
#2	9.301370	.2732719	.4012394	.6572847	.1825076	.7790480	5.439502
#3	9.382293	.2786797	.4067888	.6671754	.1860407	.7862259	5.520723

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167422BS Acquired: 4/3/2025 15:10:28 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.008048	.1905827	.1819750
Stddev	.001935	.0025921	.0026163
%RSD	24.03940	1.360073	1.437727
#1	-.009667	.1883767	.1808226
#2	-.005906	.1899338	.1801327
#3	-.008572	.1934376	.1849697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.285	74427.64	16742.28	2024.539	5126.909
Stddev	22.117	78.19	200.38	5.376	38.091
%RSD	.6967474	.1050524	1.196836	.2655417	.7429571
#1	3163.136	74516.09	16876.92	2027.899	5103.999
#2	3199.757	74367.75	16837.93	2018.339	5170.879
#3	3159.962	74399.07	16512.00	2027.379	5105.848

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1673-01 Acquired: 4/3/2025 15:14:31 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0079943	.0134433	.0126259	.2510303	.0026888	.0972777
Stddev	.0025275	.0019130	.0017228	.0040981	.0030236	.0097918
%RSD	31.61705	14.23033	13.64494	1.632511	112.4532	10.06578
#1	.0050881	.0149696	.0145170	.2557623	.0040066	.0919968
#2	.0096803	.0140631	.0122151	.2486426	-.000770	.0912601
#3	.0092143	.0112972	.0111457	.2486859	.004830	.1085763

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348837	.0003996	.0015298	684.6650	.0016374	-.000059
Stddev	.0009794	.0000551	.0000242	5.7913	.0003029	.000335
%RSD	2.807741	13.78673	1.580210	.8458519	18.49782	566.1520
#1	.0339452	.0004271	.0015026	680.5474	.0017138	.000137
#2	.0348065	.0003362	.0015489	682.1605	.0018949	-.000446
#3	.0358995	.0004356	.0015378	691.2869	.0013037	.000132

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117016	.0119394	.0522837	173.4952	.0196130	-.000532
Stddev	.0004339	.0026201	.0004738	1.5929	.0006502	.000027
%RSD	3.707646	21.94502	.9062367	.9181430	3.314997	5.055036
#1	.0112104	.0126815	.0518272	172.2281	.0197439	-.000503
#2	.0118616	.0090283	.0522507	172.9739	.0189074	-.000557
#3	.0120327	.0141085	.0527731	175.2834	.0201878	-.000536

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.8040	.0427988	.0357952	321.2538	.4587480	2.985018
Stddev	1.5635	.0013348	.0003832	3.9678	.0049766	.008549
%RSD	1.079747	3.118836	1.070439	1.235099	1.084825	.2863916
#1	143.8697	.0412782	.0356073	325.5970	.4538491	2.978552
#2	146.6091	.0433405	.0355422	320.3455	.4585961	2.994710
#3	143.9334	.0437775	.0362360	317.8189	.4637989	2.981791

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1673-01 Acquired: 4/3/2025 15:14:31 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0207220	-.014689	.6184188	.0044932	F 772.7709	1.034608
Stddev	.0007792	.000252	.0010788	.0022319	4.2033	.007125
%RSD	3.760344	1.716306	.1744377	49.67121	.5439275	.6886211
#1	.0216206	-.014839	.6189012	.0061886	768.0458	1.042167
#2	.0203126	-.014831	.6171830	.0019646	776.0941	1.033640
#3	.0202329	-.014398	.6191722	.0053265	774.1728	1.028016

Elem	Sr4077
Units	ppm
Avg	1.049276
Stddev	.015213
%RSD	1.449820
#1	1.031718
#2	1.058533
#3	1.057575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.148	72063.13	17800.98	1882.209	3756.440
Stddev	9.602	140.03	173.32	13.043	16.839
%RSD	.3317886	.1943142	.9736490	.6929477	.4482785
#1	2896.926	71901.53	17981.88	1870.507	3771.476
#2	2883.463	72148.58	17784.67	1879.851	3738.245
#3	2902.056	72139.29	17636.39	1896.270	3759.599

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1673-02 Acquired: 4/3/2025 15:19:10 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0091607	.0308186	.0075671	.6309467	.0088398	.1447861
Stddev	.0011899	.0012559	.0015132	.0032843	.0042585	.0030701
%RSD	12.98950	4.075212	19.99732	.5205386	48.17437	2.120413
#1	.0093282	.0305765	.0079870	.6295534	.0056625	.1483299
#2	.0102580	.0297014	.0058883	.6285887	.0071782	.1429333
#3	.0078959	.0321779	.0088262	.6346980	.0136785	.1430952

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882616	.0001976	-.000431	1189.457	.0034064	.0192586
Stddev	.0005124	.0000643	.000163	2.601	.0001509	.0004647
%RSD	.5805758	32.55852	37.93078	.2186672	4.430368	2.413012
#1	.0887793	.0001660	-.000617	1187.512	.0034268	.0190329
#2	.0877546	.0001551	-.000366	1192.411	.0035462	.0197931
#3	.0882509	.0002716	-.000310	1188.446	.0032464	.0189499

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020806	1.847194	4.668579	309.0074	.0351073	-.001039
Stddev	.0003340	.001920	.011058	1.2650	.0002901	.000312
%RSD	16.05378	.1039169	.2368564	.4093689	.8263168	30.06437
#1	.0020954	1.848446	4.657812	307.9811	.0347749	-.001400
#2	.0017394	1.844984	4.679907	310.4207	.0353099	-.000867
#3	.0024069	1.848151	4.668019	308.6206	.0352370	-.000851

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	577.3958	.0672695	.1537758	709.2519	.8097898	4.967211
Stddev	1.7172	.0001039	.0006610	4.3706	.0009438	.022321
%RSD	.2973975	.1544962	.4298659	.6162321	.1165530	.4493707
#1	578.6125	.0673422	.1541435	713.8266	.8087410	4.952840
#2	575.4316	.0671505	.1541713	708.8105	.8100576	4.955866
#3	578.1434	.0673160	.1530127	705.1188	.8105708	4.992926

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1673-02 Acquired: 4/3/2025 15:19:10 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0204874	-.026399	1.229288	F 23.68561	F 1124.966	1.919784
Stddev	.0010759	.000434	.005392	.14747	5.095	.007908
%RSD	5.251407	1.642805	.4385993	.6225943	.4528783	.4119082
#1	.0192455	-.026747	1.234852	23.63291	1125.245	1.919981
#2	.0211366	-.025913	1.224087	23.57174	1119.738	1.911779
#3	.0210800	-.026538	1.228925	23.85218	1129.916	1.927591

Elem	Sr4077
Units	ppm
Avg	1.982177
Stddev	.021531
%RSD	1.086216
#1	1.958742
#2	2.001083
#3	1.986706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.790	59621.77	15045.44	1546.710	3406.264
Stddev	10.923	161.36	24.46	2.420	11.148
%RSD	.4630920	.2706415	.1625636	.1564663	.3272927
#1	2362.932	59438.37	15047.75	1546.755	3408.884
#2	2367.036	59685.00	15019.91	1544.267	3415.869
#3	2346.401	59741.95	15068.66	1549.107	3394.039

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1684-01 Acquired: 4/3/2025 15:23:57 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0420619	-.004880	.1656881	-.037740	-.009638	151.0103	.6045182
Stddev	.0003177	.004549	.0014990	.004052	.002226	.3258	.0027801
%RSD	.7554121	93.21070	.9046822	10.73532	23.09691	.2157722	.4598922
#1	.0420998	-.006924	.1639602	-.040692	-.011990	151.1449	.6038772
#2	.0417268	.000332	.1666402	-.033121	-.007563	151.2474	.6075629
#3	.0423589	-.008049	.1664638	-.039408	-.009362	150.6388	.6021146

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086022	-.005304	13.77252	.3908793	.1568263	.3158057	287.5087
Stddev	.0000699	.000284	.03789	.0013006	.0006608	.0014863	.9540
%RSD	.8126406	5.351909	.2751278	.3327292	.4213544	.4706346	.3318206
#1	.0086694	-.004988	13.81622	.3902112	.1575836	.3174518	286.6992
#2	.0086073	-.005387	13.74874	.3923781	.1563672	.3145621	288.5605
#3	.0085299	-.005537	13.75260	.3900485	.1565280	.3154032	287.2663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.628681	33.41915	.2603313	-.000087	9.883071	.5436233	.3937037
Stddev	.011726	.19212	.0007819	.000105	.052248	.0006545	.0008849
%RSD	.2083285	.5748816	.3003591	120.3207	.5286589	.1203998	.2247736
#1	5.634594	33.53982	.2606487	-.000208	9.869381	.5442131	.3944969
#2	5.636274	33.19760	.2609046	-.000042	9.940801	.5437378	.3927492
#3	5.615176	33.52001	.2594405	-.000012	9.839031	.5429192	.3938650

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.475876	.5100626	.0017856	-.003563	6.692482	4.598078	4.042064
Stddev	.031814	.0026702	.0003500	.000772	.009607	.013490	.010339
%RSD	.5809770	.5235130	19.59970	21.67246	.1435452	.2933924	.2557854
#1	5.495468	.5073372	.0019030	-.002976	6.697093	4.604683	4.052642
#2	5.492992	.5126740	.0020618	-.003275	6.698914	4.582558	4.041568
#3	5.439169	.5101766	.0013920	-.004438	6.681439	4.606994	4.031981

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1684-01 Acquired: 4/3/2025 15:23:57 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	1.106675	.2081052	-.173758
Stddev	.028119	.0002565	.000652
%RSD	2.540889	.1232664	.3750902
#1	1.133334	.2080457	-.173076
#2	1.109397	.2083863	-.174374
#3	1.077293	.2078838	-.173825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.175	79937.69	18662.08	2232.424	4615.680
Stddev	2.801	203.05	77.18	4.556	5.899
%RSD	.0807752	.2540106	.4135609	.2040903	.1278033
#1	3465.329	79869.69	18574.48	2227.188	4611.524
#2	3468.266	79777.38	18691.73	2235.490	4613.085
#3	3470.930	80166.02	18720.05	2234.593	4622.432

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01 Acquired: 4/3/2025 15:28:02 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0854239	.0078494	.1343783	-.054481	-.008918	184.6350	.4790404
Stddev	.0020612	.0029646	.0034328	.005279	.001423	1.5378	.0010567
%RSD	2.412913	37.76821	2.554564	9.689063	15.95253	.8328709	.2205889
#1	.0861322	.0062077	.1310230	-.055229	-.008063	183.9458	.4798999
#2	.0870376	.0060688	.1378837	-.059346	-.010560	183.5624	.4778606
#3	.0831019	.0112717	.1342281	-.048868	-.008130	186.3968	.4793606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138104	-.001501	21.82833	.2552987	.1562748	.4074480	399.8088
Stddev	.0001269	.000336	.10863	.0021111	.0003918	.0012740	.5947
%RSD	.9187375	22.36644	.4976459	.8269199	.2506771	.3126772	.1487445
#1	.0139404	-.001455	21.91425	.2576658	.1558865	.4072600	399.8061
#2	.0136869	-.001858	21.70623	.2546194	.1562681	.4062784	400.4049
#3	.0138041	-.001191	21.86451	.2536108	.1566699	.4088055	399.2155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.194939	24.88036	.2236967	-.001330	5.265655	.6835094	.6052667
Stddev	.009507	.20206	.0016324	.000681	.019308	.0035257	.0068943
%RSD	.4331465	.8121321	.7297473	51.15993	.3666729	.5158268	1.139048
#1	2.203912	24.92968	.2236147	-.001766	5.276263	.6837848	.6078979
#2	2.184975	24.65820	.2221068	-.001679	5.277332	.6798541	.6104580
#3	2.195931	25.05319	.2253685	-.000546	5.243368	.6868894	.5974443

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.707188	.7296660	.0021631	.0026194	3.098178	3.815216	4.051276
Stddev	.023289	.0021013	.0003030	.0007931	.015740	.030092	.026930
%RSD	.8602594	.2879836	14.00721	30.27719	.5080430	.7887287	.6647350
#1	2.710641	.7291726	.0024521	.0017055	3.105781	3.842482	4.039152
#2	2.728558	.7319701	.0018478	.0030256	3.080080	3.820236	4.032539
#3	2.682365	.7278553	.0021895	.0031272	3.108673	3.782930	4.082137

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01 Acquired: 4/3/2025 15:28:02 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.9988944	.1919734	-.245237
Stddev	.0060225	.0004765	.000852
%RSD	.6029211	.2482061	.3472780
#1	1.000774	.1925151	-.244945
#2	.992156	.1917861	-.246196
#3	1.003753	.1916190	-.244569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.972	86490.70	20888.81	2392.037	4454.592
Stddev	7.584	474.76	123.19	23.999	17.676
%RSD	.2101319	.5489174	.5897484	1.003301	.3968119
#1	3603.402	86315.16	20823.06	2386.050	4456.342
#2	3617.609	86128.71	21030.93	2371.599	4471.328
#3	3605.906	87028.24	20812.46	2418.463	4436.106

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV04 Acquired: 4/3/2025 15:32:23 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	4.886269	5.109738	4.847181	4.896256	4.904260	9.362722	9.575773
Stddev	.016953	.024186	.031698	.030010	.027967	.003321	.066611
%RSD	.3469506	.4733231	.6539413	.6129095	.5702642	.0354754	.6956232
#1	4.866787	5.085118	4.810586	4.863356	4.872046	9.366455	9.530299
#2	4.894359	5.133464	4.866104	4.903285	4.918405	9.360094	9.544787
#3	4.897662	5.110633	4.864851	4.922128	4.922328	9.361617	9.652233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2313453	2.431863	23.10675	.9897294	2.443872	1.249254	4.972161
Stddev	.0011058	.014572	.12074	.0014378	.015492	.006228	.030453
%RSD	.4779892	.5992288	.5225412	.1452722	.6339307	.4985015	.6124732
#1	.2304168	2.415093	23.02764	.9913862	2.426029	1.242345	5.006572
#2	.2325686	2.441442	23.24573	.9889931	2.453898	1.250982	4.961225
#3	.2310504	2.439055	23.04689	.9888088	2.451690	1.254435	4.948686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.295932	23.74759	2.466476	1.227463	25.20218	2.387542	2.457011
Stddev	.009061	.13759	.016242	.002297	.15383	.010684	.007582
%RSD	.3946535	.5793978	.6585115	.1871294	.6103850	.4474885	.3085687
#1	2.290109	23.67937	2.447818	1.230094	25.36701	2.380540	2.465700
#2	2.306372	23.90596	2.477454	1.226441	25.06243	2.399839	2.451741
#3	2.291316	23.65744	2.474156	1.225855	25.17709	2.382246	2.453591

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.97331	4.597701	4.961209	4.892316	4.709097	5.045678	4.906341
Stddev	.14552	.027120	.022203	.031197	.006117	.009123	.027309
%RSD	.5826997	.5898601	.4475397	.6376818	.1299073	.1808064	.5566013
#1	25.10196	4.570882	4.935646	4.856529	4.703564	5.055665	4.874840
#2	24.81538	4.625113	4.972293	4.913780	4.715667	5.037782	4.920871
#3	25.00260	4.597108	4.975689	4.906638	4.708060	5.043587	4.923314

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV04 Acquired: 4/3/2025 15:32:23 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	4.947839	4.713903	4.737006
Stddev	.026783	.001958	.030377
%RSD	.5412992	.0415461	.6412755
#1	4.916918	4.715713	4.712621
#2	4.963777	4.711824	4.727361
#3	4.962823	4.714173	4.771034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3119.796	73293.65	16637.06	2054.725	4726.065
Stddev	8.957	183.94	69.91	7.511	18.187
%RSD	.2871160	.2509652	.4202321	.3655436	.3848315
#1	3126.020	73084.19	16690.23	2046.330	4743.268
#2	3123.838	73428.86	16557.87	2060.808	4727.896
#3	3109.530	73367.91	16663.08	2057.038	4707.032

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB04 Acquired: 4/3/2025 15:36:34 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008333	.0008842	-.000501	-.002662	.0002209	.0107936
Stddev	.0014813	.0015424	.001522	.002557	.0014458	.0027990
%RSD	177.7588	174.4300	303.6749	96.06621	654.4360	25.93242
#1	.0024693	.0000788	-.002257	-.001293	.0006342	.0124621
#2	-.000417	-.000089	.000314	-.005612	-.001386	.0123565
#3	.000448	.002663	.000439	-.001081	.001415	.0075621

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002460	.0001319	.0001532	.0206304	-.000134	.0001818
Stddev	.000386	.0000574	.0000465	.0045876	.000202	.0001638
%RSD	15.68411	43.49651	30.34531	22.23720	151.0435	90.14260
#1	-.002902	.0001831	.0001063	.0186992	.000014	.0002486
#2	-.002286	.0000699	.0001992	.0258680	-.000051	-.000005
#3	-.002192	.0001429	.0001540	.0173241	-.000364	.000302

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000594	.0242521	-.001331	-.006344	.0002637	-.000139
Stddev	.0007646	.0046186	.000134	.005576	.0000395	.000392
%RSD	1287.384	19.04405	10.09371	87.88984	14.98066	282.7805
#1	.0004930	.0295534	-.001270	-.010210	.0002733	-.000110
#2	-.000823	.0221053	-.001485	-.008871	.0002975	.000238
#3	.000509	.0210977	-.001238	.000048	.0002203	-.000545

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571808	-.000443	-.000275	.1003560	.0025591	.0005272
Stddev	.0060193	.000449	.000253	.0361317	.0004477	.0003491
%RSD	10.52684	101.3570	91.99003	36.00353	17.49497	66.21082
#1	.0508549	-.000816	-.000307	.0619176	.0026718	.0007597
#2	.0628377	-.000568	-.000511	.1336240	.0020658	.0006962
#3	.0578499	.000055	-.000008	.1055265	.0029397	.0001258

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB04 Acquired: 4/3/2025 15:36:34 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001253	.0018356	.0013893	-.002287	F .0295119	.0008878
Stddev	.000896	.0008900	.0029401	.000321	.0010884	.0006801
%RSD	71.47786	48.48226	211.6237	14.01672	3.687866	76.60299
#1	-.001846	.0012199	.0027807	-.001976	.0303536	.0001427
#2	-.001691	.0028560	.0033754	-.002616	.0298993	.0010455
#3	-.000223	.0014310	-.001988	-.002268	.0282829	.0014752

Elem	Sr4077
Units	ppm
Avg	.0006298
Stddev	.0000675
%RSD	10.71584
#1	.0006717
#2	.0006658
#3	.0005520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3196.010	75406.93	17064.26	2090.575	5168.604
Stddev	19.282	20.25	37.08	6.856	32.592
%RSD	.6033219	.0268495	.2172770	.3279556	.6305771
#1	3202.858	75400.10	17021.45	2095.529	5166.615
#2	3210.934	75429.71	17085.43	2082.751	5202.144
#3	3174.238	75390.99	17085.89	2093.447	5137.052

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01DUP Acquired: 4/3/2025 15:40:53 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0843916	.0064230	.1336689	-.060573	-.007419	191.9756	.4825871
Stddev	.0057613	.0010255	.0005787	.001431	.001031	1.7166	.0029751
%RSD	6.826896	15.96551	.4329212	2.361802	13.88983	.8941659	.6164805
#1	.0907603	.0066232	.1332727	-.062120	-.007542	192.7272	.4859589
#2	.0828724	.0053122	.1334009	-.060302	-.006333	193.1881	.4814708
#3	.0795421	.0073336	.1343329	-.059297	-.008383	190.0114	.4803317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141446	.0010053	21.94444	.2600861	.1559200	.4015473	394.3737
Stddev	.0001931	.0003133	.12352	.0006599	.0006326	.0019969	2.0983
%RSD	1.364948	31.16696	.5628554	.2537394	.4056937	.4973032	.5320487
#1	.0142649	.0013342	22.08082	.2596616	.1553331	.4014469	392.0720
#2	.0142469	.0007102	21.84010	.2597504	.1558369	.3996025	394.8692
#3	.0139219	.0009716	21.91241	.2608464	.1565900	.4035925	396.1799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.174762	25.04342	.2210197	-.002399	5.297703	.6854430	.6186993
Stddev	.013868	.13325	.0006765	.000433	.038669	.0037850	.0008147
%RSD	.6376581	.5320926	.3060737	18.02835	.7299281	.5521967	.1316781
#1	2.190594	25.19728	.2214881	-.002853	5.253366	.6895345	.6189672
#2	2.168922	24.96836	.2202442	-.002352	5.324452	.6820665	.6177843
#3	2.164769	24.96463	.2213269	-.001992	5.315290	.6847280	.6193462

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.692402	.7089008	.0018976	.0034252	3.181428	6.167868	3.934574
Stddev	.012632	.0074892	.0003681	.0005216	.009827	.037186	.008491
%RSD	.4691865	1.056445	19.39668	15.22718	.3088913	.6028962	.2157939
#1	2.684938	.7002940	.0019685	.0030036	3.191937	6.149128	3.932913
#2	2.706987	.7124763	.0022250	.0032636	3.179881	6.143781	3.927038
#3	2.685281	.7139321	.0014992	.0040085	3.172467	6.210696	3.943773

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01DUP Acquired: 4/3/2025 15:40:53 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.9328913	.1903999	-.241446
Stddev	.0007369	.0009997	.002354
%RSD	.0789876	.5250485	.9750856
#1	.9326311	.1894165	-.238827
#2	.9323199	.1903681	-.242123
#3	.9337230	.1914151	-.243388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.774	84501.36	20331.98	2297.727	4499.724
Stddev	14.322	110.36	124.57	8.987	19.361
%RSD	.3954492	.1306072	.6126980	.3911240	.4302781
#1	3624.089	84562.19	20189.15	2295.378	4501.355
#2	3634.797	84373.97	20388.68	2290.147	4518.218
#3	3606.435	84567.93	20418.13	2307.655	4479.598

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01LX5 Acquired: 4/3/2025 15:45:14 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0213903	.0044828	.0293402	-.013793	-.003885	46.76088	.1184499
Stddev	.0008293	.0028444	.0006116	.001221	.002448	.08945	.0012094
%RSD	3.877234	63.45178	2.084406	8.855772	63.00193	.1912966	1.021018
#1	.0205484	.0011983	.0295326	-.013574	-.006173	46.82432	.1186875
#2	.0214158	.0061307	.0286555	-.012696	-.001304	46.79974	.1195228
#3	.0222065	.0061192	.0298324	-.015109	-.004179	46.65857	.1171393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035976	-.004593	5.644515	.0662304	.0335396	.1059107	103.7967
Stddev	.0000986	.000334	.063537	.0002576	.0003554	.0013215	.6289
%RSD	2.742093	7.261671	1.125638	.3889252	1.059749	1.247788	.6058813
#1	.0036196	-.004556	5.626452	.0660359	.0332374	.1056724	103.1414
#2	.0036833	-.004944	5.715127	.0661327	.0334502	.1047245	104.3954
#3	.0034897	-.004280	5.591965	.0665225	.0339312	.1073352	103.8531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5648321	6.356967	.0486882	-.000054	1.284775	.1735936	.1545008
Stddev	.0056404	.074175	.0003816	.000091	.012364	.0021937	.0006752
%RSD	.9986007	1.166827	.7837709	167.1055	.9623847	1.263714	.4370269
#1	.5648628	6.325034	.0482940	-.000123	1.276599	.1751718	.1551581
#2	.5704571	6.441760	.0487147	.000048	1.278727	.1745205	.1538090
#3	.5591764	6.304106	.0490558	-.000088	1.298999	.1710886	.1545353

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6444722	.1893082	.0000371	-.001341	.8211044	1.575900	.8243297
Stddev	.0361263	.0018349	.0001918	.000612	.0021935	.011190	.0104885
%RSD	5.605559	.9692869	517.4179	45.59272	.2671401	.7100960	1.272373
#1	.6034553	.1872257	.0002237	-.001423	.8202835	1.571748	.8294285
#2	.6583986	.1906877	-.000159	-.000693	.8235899	1.567379	.8122666
#3	.6715625	.1900113	.000047	-.001908	.8194397	1.588573	.8312941

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01LX5 Acquired: 4/3/2025 15:45:14 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.2040764	.0487179	-.064259
Stddev	.0060882	.0004577	.000618
%RSD	2.983316	.9394958	.9620519
#1	.1988813	.0488331	-.063627
#2	.2025722	.0482136	-.064862
#3	.2107758	.0491070	-.064290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.081	76571.61	18117.18	2127.878	4934.283
Stddev	31.414	226.81	169.12	16.915	40.968
%RSD	.9464626	.2962053	.9335007	.7949373	.8302756
#1	3316.362	76358.48	17983.74	2111.836	4942.602
#2	3351.766	76809.98	18060.42	2145.549	4970.453
#3	3289.115	76546.36	18307.38	2126.249	4889.794

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01A Acquired: 4/3/2025 15:58:03 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7002036	1.800158	1.006155	1.435310	.6286157	186.3148	.6371911
Stddev	.0048392	.009335	.001316	.004745	.0021360	1.2109	.0003449
%RSD	.6911059	.5185655	.1307792	.3305663	.3398004	.6499276	.0541225
#1	.6978388	1.806135	1.007669	1.433988	.6265769	185.3592	.6372615
#2	.6970016	1.789401	1.005285	1.431367	.6284330	187.6765	.6374953
#3	.7057704	1.804939	1.005511	1.440576	.6308372	185.9085	.6368164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1606172	.1842446	22.29035	.5699805	.3426333	.6281477	387.8002
Stddev	.0006111	.0007426	.04533	.0047175	.0000345	.0022912	3.9309
%RSD	.3804902	.4030259	.2033695	.8276611	.0100686	.3647530	1.013638
#1	.1606484	.1849656	22.30874	.5646993	.3426639	.6290153	384.0545
#2	.1612121	.1834822	22.23871	.5714653	.3425959	.6255494	391.8933
#3	.1599911	.1842861	22.32359	.5737770	.3426400	.6298784	387.4529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.318482	26.19265	.6913934	.0589737	7.617341	.8984655	.7594793
Stddev	.001142	.01583	.0003244	.0006195	.075595	.0023495	.0084989
%RSD	.0492749	.0604192	.0469226	1.050443	.9924072	.2614996	1.119046
#1	2.319488	26.20668	.6911685	.0585486	7.530845	.9008836	.7501299
#2	2.317240	26.19577	.6912464	.0596845	7.670761	.8961912	.7667372
#3	2.318717	26.17550	.6917653	.0586880	7.650416	.8983218	.7615709

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89082	.9002623	.3272563	.6533031	3.326195	6.911923	9.234890
Stddev	.10200	.0090204	.0008446	.0016638	.002170	.089141	.013310
%RSD	.9365625	1.001972	.2580728	.2546686	.0652458	1.289669	.1441267
#1	10.77396	.8914083	.3273351	.6538135	3.323695	6.810152	9.228763
#2	10.93655	.9094404	.3263751	.6514439	3.327285	6.949462	9.225748
#3	10.96195	.8999381	.3280587	.6546519	3.327603	6.976155	9.250160

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01A Acquired: 4/3/2025 15:58:03 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.8948757	.3447206	-.085180
Stddev	.0057412	.0007600	.003528
%RSD	.6415623	.2204767	4.141520
#1	.9015015	.3444947	-.081717
#2	.8917509	.3455680	-.088769
#3	.8913749	.3440991	-.085055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.481	85424.36	20061.54	2369.853	4506.771
Stddev	8.067	662.06	27.61	21.712	6.776
%RSD	.2218852	.7750243	.1376176	.9161566	.1503589
#1	3640.973	86183.61	20038.55	2394.386	4510.173
#2	3639.250	84967.38	20053.90	2353.115	4511.173
#3	3626.220	85122.10	20092.16	2362.057	4498.968

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1693-01 Acquired: 4/3/2025 16:02:18 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.1076350	.0145126	.4083919	-.064588	-.009506	193.0175	1.789574
Stddev	.0025424	.0024295	.0017832	.002225	.001124	1.8721	.002173
%RSD	2.362082	16.74047	.4366353	3.444203	11.82060	.9699124	.1214334
#1	.1090086	.0119154	.4065587	-.063380	-.009596	192.7024	1.791315
#2	.1091952	.0167294	.4084965	-.063228	-.010581	195.0272	1.787139
#3	.1047013	.0148930	.4101205	-.067155	-.008339	191.3230	1.790269

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140080	.0092137	102.1143	.3587084	.2664094	.4682050	398.9386
Stddev	.0001164	.0010335	.3483	.0011856	.0018013	.0029881	3.2348
%RSD	.8310702	11.21664	.3410641	.3305257	.6761412	.6381965	.8108564
#1	.0141067	.0087470	102.4110	.3600759	.2647628	.4670152	400.1029
#2	.0138796	.0084959	101.7309	.3580809	.2661322	.4659951	401.4301
#3	.0140377	.0103982	102.2010	.3579685	.2683332	.4716047	395.2828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.957312	109.5904	.5390643	-.001846	9.803258	.4814467	1.161033
Stddev	.027869	.3929	.0041770	.000953	.012518	.0013774	.002782
%RSD	.3111261	.3585258	.7748530	51.63949	.1276896	.2861005	.2395855
#1	8.987165	109.9885	.5354645	-.001521	9.800117	.4826293	1.160826
#2	8.931980	109.2029	.5380842	-.001098	9.792610	.4799344	1.163913
#3	8.952790	109.5798	.5436441	-.002919	9.817047	.4817766	1.158361

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.47014	.7657156	.0031208	.0233018	3.877360	5.985243	9.078846
Stddev	.01890	.0086492	.0002249	.0027869	.009829	.013049	.085290
%RSD	.0518200	1.129553	7.205802	11.95988	.2535091	.2180188	.9394358
#1	36.45750	.7674879	.0028657	.0250018	3.887171	5.998253	9.004545
#2	36.49187	.7733414	.0032066	.0200855	3.867512	5.985320	9.060015
#3	36.46106	.7563176	.0032902	.0248179	3.877397	5.972156	9.171978

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1693-01 Acquired: 4/3/2025 16:02:18 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	9.437195	.5537475	-.053506
Stddev	.064295	.0004844	.003150
%RSD	.6812888	.0874729	5.886755
#1	9.381974	.5538671	-.054035
#2	9.421832	.5541608	-.056358
#3	9.507779	.5532145	-.050125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.260	85851.87	21347.26	2340.152	4207.817
Stddev	4.467	44.99	33.38	6.516	18.805
%RSD	.1238077	.0524050	.1563689	.2784445	.4468945
#1	3610.135	85845.26	21317.79	2347.674	4221.965
#2	3611.483	85810.55	21383.51	2336.246	4215.008
#3	3603.160	85899.80	21340.48	2336.536	4186.478

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01MS Acquired: 4/3/2025 16:06:37 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7175974	1.816020	1.027175	1.473667	.6398502	183.4474	.6488528
Stddev	.0029878	.020943	.002498	.007905	.0031149	.6828	.0042396
%RSD	.4163659	1.153250	.2431514	.5363965	.4868108	.3721887	.6533945
#1	.7160539	1.795436	1.028908	1.468910	.6394911	183.4266	.6520348
#2	.7156971	1.815320	1.024312	1.469299	.6369304	182.7752	.6504836
#3	.7210413	1.837305	1.028304	1.482792	.6431290	184.1403	.6440400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1537203	.1842303	22.12154	.5706331	.3471881	.6390946	402.2965
Stddev	.0007338	.0006722	.09763	.0021953	.0009418	.0013885	1.2710
%RSD	.4773771	.3648736	.4413362	.3847088	.2712710	.2172577	.3159306
#1	.1545297	.1846923	22.23276	.5731135	.3470003	.6400621	401.3865
#2	.1530985	.1834591	22.04999	.5689401	.3463544	.6375037	401.7544
#3	.1535327	.1845395	22.08188	.5698456	.3482097	.6397181	403.7487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.315546	26.01768	.7020755	.0611614	7.794949	.9028652	.7579309
Stddev	.010317	.07604	.0013739	.0004296	.012577	.0044262	.0021788
%RSD	.4455648	.2922784	.1956896	.7023454	.1613511	.4902407	.2874633
#1	2.326327	26.10496	.7012333	.0606731	7.792704	.9058865	.7593399
#2	2.314545	25.98231	.7013323	.0613302	7.808498	.9049246	.7554214
#3	2.305765	25.96575	.7036609	.0614810	7.783646	.8977845	.7590315

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19619	.9351877	.3295347	.6651847	3.337768	7.072663	9.520434
Stddev	.03945	.0034406	.0008832	.0024501	.015211	.006491	.025979
%RSD	.3523925	.3678997	.2680174	.3683291	.4557238	.0917720	.2728714
#1	11.22413	.9332681	.3296024	.6649421	3.352479	7.065169	9.527051
#2	11.21337	.9331351	.3286196	.6628649	3.338723	7.076339	9.491787
#3	11.15105	.9391597	.3303821	.6677470	3.322102	7.076483	9.542465

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01MS Acquired: 4/3/2025 16:06:37 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.9227275	.3494861	-.095156
Stddev	.0031313	.0007393	.002368
%RSD	.3393526	.2115533	2.488766
#1	.9191819	.3495967	-.093609
#2	.9238871	.3486976	-.093977
#3	.9251137	.3501639	-.097882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.939	85753.89	20839.41	2372.320	4401.401
Stddev	5.891	73.10	75.90	4.695	5.126
%RSD	.1657504	.0852489	.3641945	.1978905	.1164685
#1	3547.400	85679.33	20751.92	2367.333	4396.921
#2	3558.829	85825.44	20887.57	2376.655	4406.992
#3	3555.588	85756.90	20878.74	2372.970	4400.290

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01MSD Acquired: 4/3/2025 16:10:53 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7024478	1.814689	1.015709	1.445181	.6291194	189.0086	.6490777
Stddev	.0043645	.007758	.012276	.014005	.0034852	.4256	.0016940
%RSD	.6213279	.4275305	1.208611	.9690556	.5539760	.2251544	.2609804
#1	.7022380	1.820331	1.009856	1.439615	.6299157	188.8568	.6499566
#2	.7069134	1.817895	1.029816	1.461113	.6321374	189.4893	.6501516
#3	.6981920	1.805841	1.007454	1.434815	.6253049	188.6798	.6471249

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1639989	.1868001	22.36742	.5725475	.3453208	.6328881	385.6500
Stddev	.0011548	.0028946	.05513	.0005749	.0050559	.0065283	2.9455
%RSD	.7041463	1.549556	.2464807	.1004121	1.464125	1.031510	.7637645
#1	.1653040	.1854298	22.39035	.5730528	.3425795	.6315339	382.3527
#2	.1635833	.1901254	22.40739	.5719220	.3511553	.6399873	388.0208
#3	.1631095	.1848452	22.30453	.5726677	.3422275	.6271431	386.5765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.334473	26.57691	.6969349	.0582144	7.559541	.9086857	.7650987
Stddev	.003356	.05369	.0093590	.0007836	.023807	.0027810	.0008973
%RSD	.1437577	.2020298	1.342874	1.346008	.3149319	.3060458	.1172733
#1	2.335473	26.59163	.6917473	.0574531	7.533085	.9118096	.7661035
#2	2.337215	26.62170	.7077388	.0590185	7.566300	.9064795	.7648150
#3	2.330731	26.51739	.6913185	.0581717	7.579239	.9077681	.7643776

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80717	.8950290	.3286759	.6562114	3.414893	8.733479	9.327415
Stddev	.04088	.0078595	.0026102	.0106288	.008432	.033581	.100714
%RSD	.3782935	.8781340	.7941467	1.619717	.2469272	.3845070	1.079761
#1	10.76087	.8861839	.3274689	.6488045	3.422274	8.696707	9.270359
#2	10.83831	.9012110	.3316712	.6683898	3.416702	8.741211	9.443703
#3	10.82233	.8976922	.3268877	.6514400	3.405703	8.762520	9.268184

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1685-01MSD Acquired: 4/3/2025 16:10:53 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.9011005	.3464100	-.080896
Stddev	.0111465	.0015122	.002468
%RSD	1.236984	.4365463	3.051358
#1	.9050612	.3449160	-.078052
#2	.9097258	.3479398	-.082486
#3	.8885146	.3463741	-.082150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.167	85220.47	19664.06	2358.175	4484.306
Stddev	17.353	119.20	85.39	8.362	41.428
%RSD	.4792148	.1398771	.4342550	.3545834	.9238401
#1	3626.697	85330.01	19571.66	2367.691	4507.802
#2	3601.722	85093.52	19680.44	2352.002	4436.472
#3	3635.081	85237.87	19740.07	2354.832	4508.644

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1693-05 Acquired: 4/3/2025 16:15:09 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.2061379	.0176105	.6810765	-.050313	-.010374	134.4867
Stddev	.0036598	.0004137	.0046604	.002821	.003720	.2038
%RSD	1.775427	2.349076	.6842752	5.607423	35.85866	.1515168
#1	.2067664	.0171637	.6790751	-.050287	-.006671	134.2894
#2	.2094427	.0179803	.6864034	-.053147	-.014111	134.4745
#3	.2022045	.0176876	.6777511	-.047505	-.010339	134.6963

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.514808	.0111851	.0034928	92.61690	.6896461	.1765084
Stddev	.003098	.0000820	.0004166	.04290	.0028255	.0009432
%RSD	.2045198	.7332960	11.92721	.0463251	.4097084	.5343607
#1	1.512245	.0112747	.0030119	92.60918	.6926839	.1763111
#2	1.518251	.0111137	.0037219	92.57838	.6891581	.1775347
#3	1.513929	.0111669	.0037445	92.66314	.6870964	.1756795

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5374603	323.7259	6.452126	77.45989	.3672895	-.000765
Stddev	.0023812	1.1577	.004322	.14854	.0026677	.000068
%RSD	.4430407	.3576240	.0669800	.1917613	.7263182	8.886863
#1	.5352576	324.3977	6.451225	77.28840	.3660953	-.000690
#2	.5399868	324.3909	6.448326	77.54829	.3703456	-.000784
#3	.5371366	322.3891	6.456827	77.54297	.3654275	-.000822

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.23591	.3222131	.9447049	21.50947	.6154281	.0046670
Stddev	.05588	.0003944	.0009992	.09196	.0027653	.0003273
%RSD	.4566978	.1223930	.1057715	.4275428	.4493365	7.012224
#1	12.25787	.3221687	.9447604	21.56023	.6166524	.0044455
#2	12.27747	.3226278	.9436790	21.56486	.6173700	.0050429
#3	12.17238	.3218429	.9456752	21.40331	.6122620	.0045127

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1693-05 Acquired: 4/3/2025 16:15:09 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.1682483	2.285302	4.276585	9.782792	F 80.25610	.3973141
Stddev	.0006526	.002990	.057859	.042129	.38076	.0017739
%RSD	.3878734	.1308241	1.352924	.4306408	.4744342	.4464609
#1	.1675234	2.281994	4.335391	9.741711	79.88795	.3961665
#2	.1687889	2.286102	4.274643	9.825895	80.64833	.3964187
#3	.1684328	2.287811	4.219722	9.780771	80.23202	.3993572

Elem	Sr4077
Units	ppm
Avg	.0248273
Stddev	.0012662
%RSD	5.099939
#1	.0237174
#2	.0245581
#3	.0262064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.817	83386.43	19639.50	2263.834	4280.797
Stddev	14.074	373.26	30.17	10.147	17.823
%RSD	.4128633	.4476217	.1536344	.4482342	.4163442
#1	3422.905	83291.55	19666.58	2266.374	4297.260
#2	3394.758	83069.76	19606.97	2252.657	4261.871
#3	3408.789	83797.96	19644.95	2272.469	4283.261

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1693-09 Acquired: 4/3/2025 16:19:12 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.1517003	.0311941	.3400515	-.083426	-.014054	210.7342
Stddev	.0017849	.0058170	.0033977	.003055	.001400	1.1681
%RSD	1.176616	18.64789	.9991847	3.662002	9.964489	.5543118
#1	.1510092	.0248199	.3399414	-.083718	-.014756	211.6220
#2	.1537274	.0325469	.3367101	-.086325	-.012441	211.1697
#3	.1503642	.0362156	.3435029	-.080236	-.014964	209.4109

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.609174	.0162332	.0141973	55.81050	.3616377	.3416442
Stddev	.008902	.0000243	.0007794	.08090	.0004104	.0016897
%RSD	.5531733	.1498642	5.489684	.1449581	.1134858	.4945665
#1	1.619373	.0162431	.0136087	55.88310	.3617137	.3405391
#2	1.605185	.0162055	.0150812	55.82511	.3611946	.3408044
#3	1.602965	.0162510	.0139020	55.72329	.3620048	.3435893

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5303774	514.0062	9.594132	113.9018	.6705659	-.005667
Stddev	.0016142	5.4670	.030317	.1489	.0034985	.000730
%RSD	.3043493	1.063597	.3159935	.1307174	.5217193	12.87578
#1	.5286842	513.4229	9.627843	114.0697	.6680201	-.005975
#2	.5305493	508.8542	9.585449	113.8502	.6691225	-.006193
#3	.5318988	519.7414	9.569104	113.7856	.6745552	-.004834

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.097911	.4406987	1.207013	25.03779	.9531472	.0014445
Stddev	.085295	.0022610	.002236	.18811	.0150615	.0001807
%RSD	.9375248	.5130544	.1852506	.7513046	1.580190	12.51053
#1	9.190482	.4433083	1.207391	25.25115	.9528889	.0013217
#2	9.022502	.4394638	1.204613	24.89583	.9382165	.0013598
#3	9.080750	.4393240	1.209037	24.96639	.9683363	.0016520

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1693-09 Acquired: 4/3/2025 16:19:12 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0043748	3.033580	3.250494	F 10.80983	5.104951	.6470089
Stddev	.0015025	.013808	.027583	.07443	.026746	.0038604
%RSD	34.34448	.4551777	.8485938	.6885856	.5239305	.5966547
#1	.0029278	3.048349	3.265332	10.74589	5.077899	.6501642
#2	.0059272	3.031398	3.218668	10.79205	5.105572	.6427044
#3	.0042693	3.020992	3.267482	10.89154	5.131381	.6481583

Elem	Sr4077
Units	ppm
Avg	-.163684
Stddev	.005382
%RSD	3.288277
#1	-.161387
#2	-.159832
#3	-.169834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.903	89155.15	22148.75	2433.598	4196.797
Stddev	12.246	338.88	15.99	11.037	18.003
%RSD	.3292127	.3801000	.0721874	.4535235	.4289788
#1	3728.292	88915.58	22162.25	2431.065	4210.569
#2	3725.568	89542.88	22131.09	2445.681	4203.398
#3	3705.850	89006.99	22152.90	2424.048	4176.425

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1694-01 Acquired: 4/3/2025 16:23:31 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0421020	.0068471	.2370599	-.027639	-.006881	98.92982	1.729527
Stddev	.0004888	.0028808	.0006949	.002091	.001651	.04231	.005748
%RSD	1.161037	42.07316	.2931539	7.563722	23.99593	.0427722	.3323599
#1	.0419893	.0088997	.2373161	-.026623	-.005319	98.97435	1.723410
#2	.0416794	.0035538	.2375904	-.030043	-.008609	98.89014	1.730355
#3	.0426374	.0080876	.2362732	-.026251	-.006715	98.92496	1.734817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094006	-.003623	28.53486	.1897038	.0884302	.2276268	199.5791
Stddev	.0000515	.000194	.05844	.0006057	.0001650	.0007649	.4783
%RSD	.5478296	5.343315	.2047991	.3192719	.1866363	.3360519	.2396429
#1	.0094459	-.003693	28.49307	.1896623	.0883483	.2269065	199.2050
#2	.0093446	-.003772	28.60164	.1903291	.0883221	.2275442	200.1180
#3	.0094113	-.003405	28.50987	.1891199	.0886202	.2284297	199.4143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.578944	22.56422	.1784473	.0000746	12.43740	.2550646	.4120087
Stddev	.013311	.07516	.0003196	.0004398	.01389	.0013933	.0006936
%RSD	.2906929	.3330791	.1791258	589.7342	.1116441	.5462490	.1683488
#1	4.563655	22.60160	.1788163	-.000154	12.45273	.2562393	.4113009
#2	4.587950	22.61336	.1782705	.000582	12.43378	.2554292	.4120381
#3	4.585227	22.47771	.1782552	-.000204	12.42568	.2535252	.4126872

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.168897	.3653318	.0012047	.0020901	1.595375	5.190181	5.275148
Stddev	.012473	.0011467	.0004543	.0009727	.001903	.053709	.010206
%RSD	.1739837	.3138751	37.70625	46.54070	.1192963	1.034827	.1934754
#1	7.172646	.3649273	.0014681	.0019925	1.594062	5.130030	5.281945
#2	7.154980	.3666259	.0014659	.0011698	1.597558	5.207172	5.280087
#3	7.179065	.3644422	.0006802	.0031079	1.594506	5.233339	5.263412

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1694-01 Acquired: 4/3/2025 16:23:31 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.9893568	.1783814	-.020899
Stddev	.0036677	.0006084	.000491
%RSD	.3707189	.3410420	2.351436
#1	.9901392	.1777534	-.020896
#2	.9853610	.1784227	-.021393
#3	.9925701	.1789680	-.020410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.887	83408.42	19816.76	2292.277	4621.381
Stddev	7.271	102.72	16.18	8.164	11.503
%RSD	.2073240	.1231481	.0816601	.3561323	.2489045
#1	3512.478	83429.29	19827.04	2283.383	4633.445
#2	3509.514	83296.87	19798.10	2299.430	4620.159
#3	3498.668	83499.10	19825.12	2294.017	4610.537

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1695-01 Acquired: 4/3/2025 16:27:37 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.1186657	-.005163	9.869893	-.062742	.0166007	90.67927
Stddev	.0028185	.004222	.023277	.002688	.0010890	.04907
%RSD	2.375182	81.76473	.2358432	4.283473	6.560170	.0541122
#1	.1218380	-.008798	9.871805	-.059641	.0154569	90.73101
#2	.1177089	-.006159	9.845718	-.064191	.0167199	90.63340
#3	.1164500	-.000533	9.892155	-.064394	.0176252	90.67340

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.480828	.0130754	.0387439	610.8515	.4396328	.1977733
Stddev	.011251	.0001039	.0002807	2.6912	.0014719	.0009457
%RSD	.3232284	.7949085	.7245466	.4405696	.3347899	.4781569
#1	3.486458	.0131954	.0388813	610.6228	.4387672	.1974442
#2	3.488152	.0130135	.0384209	613.6497	.4387990	.1970361
#3	3.467873	.0130172	.0389294	608.2819	.4413322	.1988395

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.210796	313.7687	5.080250	233.5079	.6314948	.0050233
Stddev	.005387	.2560	.010808	.9136	.0001596	.0001908
%RSD	.2436714	.0815889	.2127474	.3912565	.0252788	3.797725
#1	2.208264	313.9391	5.085554	233.0599	.6316481	.0049397
#2	2.207143	313.8927	5.087381	234.5591	.6315069	.0052416
#3	2.216983	313.4743	5.067814	232.9048	.6313295	.0048887

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.675285	.5435485	8.713998	12.04847	.7102025	.0404272
Stddev	.023221	.0014190	.038102	.04345	.0015234	.0007477
%RSD	.3025379	.2610607	.4372549	.3605976	.2145072	1.849479
#1	7.687825	.5437646	8.718081	12.06135	.7118320	.0399288
#2	7.648491	.5448471	8.674018	12.00004	.7088139	.0400658
#3	7.689540	.5420339	8.749894	12.08402	.7099615	.0412869

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1695-01 Acquired: 4/3/2025 16:27:37 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.5389643	4.911534	F 15.17909	F 12.17717	F 10.10600	.1712113
Stddev	.0010110	.011206	.08772	.01006	.03917	.0009741
%RSD	.1875845	.2281501	.5778757	.0826111	.3876222	.5689420
#1	.5384441	4.917721	15.12157	12.18317	10.13937	.1713749
#2	.5383193	4.918282	15.13565	12.16555	10.06287	.1701658
#3	.5401295	4.898599	15.28005	12.18278	10.11575	.1720932

Elem	Sr4077
Units	ppm
Avg	1.438690
Stddev	.014028
%RSD	.9750314
#1	1.443307
#2	1.449828
#3	1.422936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.758	76886.97	19815.75	2052.437	3821.997
Stddev	13.683	41.88	49.11	7.494	15.938
%RSD	.4318186	.0544689	.2478105	.3651391	.4170191
#1	3181.174	76931.33	19824.83	2052.179	3834.081
#2	3171.014	76848.11	19762.74	2060.057	3827.976
#3	3154.088	76881.48	19859.68	2045.075	3803.934

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV05 Acquired: 4/3/2025 16:36:20 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	4.901438	5.061378	4.860822	4.899564	4.939605	9.303608	9.613087
Stddev	.015900	.008783	.009234	.011839	.012928	.033871	.104262
%RSD	.3243899	.1735387	.1899625	.2416299	.2617311	.3640591	1.084582
#1	4.894281	5.069149	4.869401	4.888316	4.930168	9.267593	9.724887
#2	4.890375	5.063137	4.851049	4.898459	4.934307	9.308409	9.595866
#3	4.919659	5.051848	4.862017	4.911916	4.954342	9.334822	9.518508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2271678	2.439669	22.96122	.9935523	2.453617	1.252728	4.899615
Stddev	.0012660	.005668	.15880	.0023745	.004917	.004227	.005397
%RSD	.5573137	.2323294	.6915950	.2389914	.2004052	.3373897	.1101570
#1	.2257220	2.444102	22.77831	.9928432	2.456274	1.253931	4.905843
#2	.2277035	2.433282	23.06385	.9916131	2.447943	1.248030	4.896323
#3	.2280779	2.441622	23.04150	.9962006	2.456635	1.256222	4.896677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.264156	23.71455	2.477412	1.220641	25.07412	2.381679	2.442867
Stddev	.010270	.13223	.007267	.001809	.05803	.007477	.005695
%RSD	.4535708	.5576065	.2933386	.1482087	.2314279	.3139583	.2331131
#1	2.252454	23.56192	2.482483	1.221325	25.07818	2.373092	2.448448
#2	2.271670	23.79475	2.469087	1.222009	25.13001	2.385188	2.443088
#3	2.268344	23.78697	2.480667	1.218590	25.01417	2.386757	2.437065

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.68707	4.522564	5.000780	4.912094	4.685577	5.174684	4.829861
Stddev	.05657	.025287	.012319	.014083	.020779	.020260	.004843
%RSD	.2291281	.5591386	.2463321	.2867020	.4434665	.3915232	.1002804
#1	24.67436	4.494291	4.994396	4.924658	4.661748	5.166878	4.830086
#2	24.74891	4.543018	4.992964	4.896871	4.699921	5.197686	4.824909
#3	24.63794	4.530384	5.014980	4.914753	4.695063	5.159489	4.834588

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV05 Acquired: 4/3/2025 16:36:20 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	4.879513	4.643719	4.748874
Stddev	.018491	.016022	.058653
%RSD	.3789560	.3450145	1.235093
#1	4.886475	4.626672	4.681155
#2	4.858551	4.658466	4.783618
#3	4.893512	4.646020	4.781849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.513	73949.84	16853.75	2020.331	4730.791
Stddev	11.099	92.28	99.54	6.390	15.786
%RSD	.3567219	.1247870	.5906334	.3163063	.3336853
#1	3114.519	74056.19	16963.61	2012.996	4727.914
#2	3120.800	73902.50	16828.10	2023.301	4747.817
#3	3099.220	73890.85	16769.54	2024.697	4716.641

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB05 Acquired: 4/3/2025 16:40:30 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0014944	.0015531	.0011199	-.001546	.0016701	.0071061	-.002351
Stddev	.0018070	.0012714	.0005509	.001760	.0020499	.0072938	.001713
%RSD	120.9184	81.86228	49.19225	113.8425	122.7426	102.6424	72.85355
#1	.0030492	.0030019	.0015136	-.001572	-.000661	.0016369	-.001494
#2	-.000488	.0010345	.0013558	.000227	.002482	.0042940	-.004323
#3	.001922	.0006230	.0004903	-.003292	.003189	.0153874	-.001236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001579	.0003811	.0334665	.0003032	.0003307	.0003156	.0284628
Stddev	.0000127	.0000901	.0083049	.0000084	.0000535	.0000646	.0081154
%RSD	8.032729	23.65083	24.81567	2.756531	16.17568	20.45219	28.51237
#1	.0001478	.0004095	.0307060	.0002936	.0003194	.0003009	.0211096
#2	.0001539	.0004537	.0268933	.0003071	.0003889	.0002597	.0271088
#3	.0001721	.0002802	.0428001	.0003089	.0002837	.0003863	.0371701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001115	-.000405	.0004464	.0006121	.0181199	.0007524	.0005431
Stddev	.000361	.007954	.0003003	.0002605	.0005539	.0004573	.0001574
%RSD	32.39098	1964.063	67.27346	42.56174	3.056887	60.77991	28.97867
#1	-.001530	-.007966	.0004105	.0005635	.0175915	.0012455	.0007222
#2	-.000947	-.001139	.0007632	.0008934	.0186962	.0003422	.0004269
#3	-.000868	.007890	.0001657	.0003792	.0180721	.0006695	.0004802

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019243	.0036524	.0007287	-.000933	.0028589	.0127597	.0006489
Stddev	.023054	.0005126	.0001754	.000403	.0007436	.0029992	.0011994
%RSD	119.8063	14.03491	24.07744	43.12834	26.01001	23.50535	184.8396
#1	-.026497	.0041134	.0008528	-.001331	.0026026	.0132496	-.000703
#2	-.037798	.0037436	.0008053	-.000942	.0022774	.0095457	.001587
#3	.006566	.0031004	.0005280	-.000526	.0036968	.0154838	.001063

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB05 Acquired: 4/3/2025 16:40:30 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0062517	-.000548	.0013075
Stddev	.0022453	.000847	.0003284
%RSD	35.91457	154.5914	25.11807
#1	.0055575	-.001126	.0011380
#2	.0087621	-.000943	.0010985
#3	.0044355	.000425	.0016861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.491	75697.94	17785.89	2042.327	5203.576
Stddev	12.855	1032.03	209.06	25.117	9.983
%RSD	.4029176	1.363353	1.175414	1.229814	.1918494
#1	3193.132	74566.72	17687.60	2013.738	5199.993
#2	3176.520	75938.97	17644.09	2052.395	5195.878
#3	3201.820	76588.12	18025.98	2060.848	5214.856

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: LR1 Acquired: 4/3/2025 16:46:21 Type: Unk
Method: NON EPA-6010-200.7(v2882) 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	.0685884	.0854176	.0074985	-.092726	-.000860	1999.128	.0089875
Stddev	.0062529	.0009244	.0015693	.005441	.011873	6.575	.0005486
%RSD	9.116546	1.082273	20.92759	5.867933	1381.319	.3288868	6.104552
#1	.0721944	.0864250	.0090742	-.098423	.012601	1999.147	.0085496
#2	.0722026	.0846081	.0059357	-.087582	-.009846	1992.543	.0088099
#3	.0613682	.0852197	.0074857	-.092174	-.005334	2005.693	.0096029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069313	-.025523	1903.962	.0237782	.0272435	-.040257	1094.850
Stddev	.0002080	.000929	4.189	.0009097	.0006438	.001034	5.399
%RSD	3.001186	3.640195	.2199971	3.825727	2.362984	2.567598	.4930958
#1	.0069941	-.025586	1902.078	.0227283	.0267720	-.039204	1089.371
#2	.0066992	-.026419	1908.762	.0243335	.0279769	-.041271	1100.165
#3	.0071008	-.024564	1901.046	.0242727	.0269815	-.040297	1095.013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107011	1652.941	.0099573	.0190191	2106.928	.0149171	.1427495
Stddev	.0004421	7.369	.0004565	.0001102	8.900	.0031945	.0027943
%RSD	4.131248	.4458376	4.584946	.5795921	.4224126	21.41508	1.957454
#1	.0104474	1659.621	.0103419	.0188925	2106.588	.0116435	.1430652
#2	.0112116	1645.036	.0094528	.0190936	2098.203	.0180262	.1398108
#3	.0104443	1654.166	.0100773	.0190714	2115.994	.0150817	.1453725

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1293.084	2.075883	-.008654	-.002767	-.033126	.1655382	.0670572
Stddev	11.114	.013000	.001905	.003294	.001079	.0070966	.0063997
%RSD	.8595175	.6262327	22.01670	119.0342	3.256639	4.286986	9.543604
#1	1286.373	2.063325	-.010720	.001024	-.032507	.1732878	.0731312
#2	1305.913	2.089284	-.008277	-.004399	-.032499	.1593571	.0676651
#3	1286.966	2.075038	-.006965	-.004926	-.034372	.1639695	.0603752

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: LR1 Acquired: 4/3/2025 16:46:21 Type: Unk
Method: NON EPA-6010-200.7(v2882) 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	-.235886	.1411499	-.951980
Stddev	.008555	.0018023	.004728
%RSD	3.626888	1.276851	.4966748
#1	-.245688	.1391257	-.947210
#2	-.232048	.1417435	-.956666
#3	-.229922	.1425806	-.952062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.033	50972.04	14147.45	1350.748	2723.954
Stddev	9.337	131.88	25.49	3.585	11.245
%RSD	.4463140	.2587223	.1801738	.2653742	.4128327
#1	2102.253	51114.01	14119.01	1347.385	2736.051
#2	2089.898	50853.36	14168.23	1350.339	2721.993
#3	2083.949	50948.74	14155.12	1354.519	2713.818

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: LR2 Acquired: 4/3/2025 16:51:18 Type: Unk
Method: NON EPA-6010-200.7(v2882) 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	.0090669	-.016622	252.4226	.0012333	-.004777	.5929337	^F *****
Stddev	.0014353	.002206	2.0236	.0020618	.001927	.0127585	-----
%RSD	15.83039	13.27281	.8016754	167.1841	40.34259	2.151752	-----
#1	.0100674	-.016040	253.3445	.0035643	-.006622	.5954552	^ -----
#2	.0097110	-.014765	250.1021	-.000352	-.004933	.6042432	^ -----
#3	.0074224	-.019061	253.8210	.000487	-.002777	.5791028	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001260	-.002881	.7602776	.0081822	.0044452	248.3136	.2792496
Stddev	.000063	.000094	.0129887	.0001928	.0002954	2.5812	.0112233
%RSD	5.011883	3.253974	1.708418	2.356492	6.645300	1.039473	4.019074
#1	-.001257	-.002840	.7718807	.0083789	.0045858	248.8119	.2870430
#2	-.001198	-.002814	.7627060	.0079936	.0041057	245.5196	.2843201
#3	-.001324	-.002988	.7462460	.0081742	.0046439	250.6092	.2663858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.19739	.2944981	47.53251	.0004436	.6182666	-.010506	32.19782
Stddev	.33617	.0098549	.39230	.0002802	.0192757	.001395	.11896
%RSD	.7437795	3.346342	.8253377	63.16735	3.117707	13.27654	.3694510
#1	44.82166	.3058720	47.75355	.0004224	.6335574	-.009267	32.33293
#2	45.30082	.2891200	47.07956	.0001745	.6246283	-.010233	32.15171
#3	45.46968	.2885024	47.76442	.0007337	.5966141	-.012017	32.10883

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4787597	-.003053	-.005537	-.006323	-.034595	-.006266	.1647110
Stddev	.0235632	.000748	.000130	.000507	.000515	.002707	.0065128
%RSD	4.921720	24.49987	2.344663	8.018040	1.489439	43.20134	3.954061
#1	.5051191	-.003845	-.005428	-.006198	-.035083	-.008951	.1700341
#2	.4714206	-.002359	-.005680	-.005890	-.034645	-.003538	.1574490
#3	.4597395	-.002954	-.005501	-.006881	-.034057	-.006310	.1666500

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: LR2 Acquired: 4/3/2025 16:51:18 Type: Unk
Method: NON EPA-6010-200.7(v2882) 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	-.007405	-.001113	.0012773
Stddev	.004529	.000980	.0000793
%RSD	61.15631	88.08233	6.207642
#1	-.002476	-.002205	.0013618
#2	-.008359	-.000825	.0012045
#3	-.011381	-.000309	.0012658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.448	75392.06	16997.45	1993.391	4844.885
Stddev	26.427	156.18	59.23	1.380	36.283
%RSD	.9310501	.2071534	.3484451	.0692051	.7488851
#1	2821.643	75565.57	16949.09	1994.781	4824.448
#2	2868.910	75262.74	16979.76	1992.023	4886.776
#3	2824.792	75347.87	17063.51	1993.369	4823.430

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1695-05 Acquired: 4/3/2025 16:55:24 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0678769	-.021523	1.256620	-.038423	.0118807	93.13383
Stddev	.0023454	.001932	.009770	.001431	.0036031	.07413
%RSD	3.455415	8.974548	.7774503	3.723417	30.32756	.0795934
#1	.0687323	-.019595	1.265874	-.037908	.0123730	93.07491
#2	.0652238	-.023458	1.257578	-.037321	.0152124	93.10951
#3	.0696745	-.021515	1.246406	-.040040	.0080568	93.21706

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6846341	.0057548	.0033859	109.5881	.2624085	.1565115
Stddev	.0014677	.0000942	.0007097	.3501	.0037731	.0006938
%RSD	.2143779	1.636703	20.96127	.3195051	1.437853	.4432635
#1	.6842421	.0058514	.0040652	109.2823	.2602537	.1569369
#2	.6862580	.0056632	.0034432	109.9700	.2602067	.1568866
#3	.6834021	.0057498	.0026493	109.5120	.2667652	.1557109

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7291901	235.2560	2.929844	68.54732	.2821171	-.000680
Stddev	.0068367	2.9342	.012495	.21671	.0022274	.000396
%RSD	.9375784	1.247232	.4264796	.3161415	.7895259	58.25573
#1	.7361389	232.5615	2.918360	68.32568	.2841762	-.001095
#2	.7289602	234.8244	2.943150	68.75874	.2824223	-.000305
#3	.7224712	238.3821	2.928021	68.55755	.2797529	-.000641

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.992546	.3981615	.5159169	29.00617	.5222908	.0208522
Stddev	.057616	.0006253	.0045332	.31455	.0066449	.0002687
%RSD	1.443085	.1570383	.8786635	1.084424	1.272260	1.288390
#1	3.971979	.3985999	.5121713	28.82403	.5163035	.0206754
#2	3.948035	.3984391	.5146231	28.82511	.5211288	.0207198
#3	4.057622	.3974455	.5209563	29.36939	.5294400	.0211613

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1695-05 Acquired: 4/3/2025 16:55:24 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.1134800	7.452273	4.286601	8.905120	F 12.22389	.2018588
Stddev	.0019136	.019289	.040174	.050248	.08127	.0016186
%RSD	1.686255	.2588366	.9372079	.5642617	.6648479	.8018693
#1	.1152654	7.437837	4.259963	8.944163	12.31541	.2001878
#2	.1137146	7.474180	4.267028	8.922768	12.19612	.2019693
#3	.1114599	7.444802	4.332810	8.848429	12.16015	.2034194

Elem	Sr4077
Units	ppm
Avg	.1492883
Stddev	.0025044
%RSD	1.677558
#1	.1508430
#2	.1506227
#3	.1463993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.260	87902.60	21016.43	2403.539	4302.156
Stddev	17.225	773.63	82.58	24.660	22.635
%RSD	.4726729	.8801035	.3929246	1.025984	.5261278
#1	3624.679	88459.43	21014.25	2425.065	4280.571
#2	3651.025	88229.14	20934.96	2408.918	4300.185
#3	3657.076	87019.24	21100.08	2376.633	4325.712

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167421BS Acquired: 4/3/2025 17:03:48 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.7511335	2.009610	.9229142	1.894940	.7782675	1.778953
Stddev	.0009951	.007455	.0010407	.005267	.0034099	.008697
%RSD	.1324815	.3709780	.1127582	.2779302	.4381388	.4888868
#1	.7522494	2.001163	.9220004	1.893873	.7785841	1.770047
#2	.7508126	2.012397	.9226953	1.890289	.7747103	1.787425
#3	.7503384	2.015270	.9240469	1.900658	.7815080	1.779388

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1804587	.1797610	.1856152	.9102291	.3911605	.1901877
Stddev	.0013793	.0007609	.0002858	.0045407	.0010905	.0002540
%RSD	.7643472	.4232600	.1539985	.4988540	.2787801	.1335439
#1	.1790629	.1788827	.1858420	.9055451	.3901990	.1902644
#2	.1818209	.1802175	.1852941	.9105306	.3909370	.1899042
#3	.1804922	.1801829	.1857096	.9146115	.3923454	.1903944

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3062585	2.836642	.1788332	1.822384	.4827973	.0724685
Stddev	.0008670	.016508	.0011451	.015022	.0008736	.0001649
%RSD	.2830976	.5819583	.6403035	.8242911	.1809459	.2275368
#1	.3061906	2.830831	.1776079	1.806668	.4832506	.0725086
#2	.3054274	2.855269	.1790155	1.836599	.4817902	.0722873
#3	.3071575	2.823825	.1798762	1.823886	.4833510	.0726097

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.970037	.2777175	.1939200	9.340918	.2694937	.3977156
Stddev	.018243	.0027542	.0010723	.061352	.0012806	.0002110
%RSD	.6142336	.9917166	.5529751	.6568040	.4752071	.0530459
#1	2.949533	.2755412	.1933097	9.276018	.2682924	.3979152
#2	2.976105	.2808140	.1932922	9.397965	.2708411	.3974948
#3	2.984472	.2767975	.1951582	9.348771	.2693476	.3977368

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167421BS Acquired: 4/3/2025 17:03:48 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.6572699	.1810541	.7554695	5.220309	F -.005009	.1862550
Stddev	.0023762	.0020314	.0060511	.016532	.002659	.0012168
%RSD	.3615245	1.121966	.8009706	.3166832	53.08050	.6533029
#1	.6587125	.1788765	.7515961	5.207292	-.007136	.1862581
#2	.6545273	.1813880	.7523700	5.214725	-.002028	.1850366
#3	.6585697	.1828979	.7624424	5.238910	-.005862	.1874703

Elem	Sr4077
Units	ppm
Avg	.1817716
Stddev	.0006067
%RSD	.3337723
#1	.1811024
#2	.1822858
#3	.1819267

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.906	77099.98	17148.55	2130.265	5179.654
Stddev	11.009	177.70	108.04	4.925	10.596
%RSD	.3397955	.2304754	.6300275	.2312134	.2045701
#1	3234.849	77301.70	17271.79	2127.073	5175.906
#2	3252.535	77031.66	17103.71	2135.937	5191.615
#3	3232.334	76966.59	17070.15	2127.784	5171.441

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167421BL Acquired: 4/3/2025 17:09:26 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.000601	.0005919	.0020043	-.002237	-.000187	.0044790	-.005192
Stddev	.003454	.0018574	.0018079	.001213	.002411	.0006049	.000688
%RSD	574.2845	313.7957	90.20347	54.19805	1288.744	13.50537	13.25579
#1	-.000742	-.001325	.0040902	-.001209	-.002969	.0048656	-.005537
#2	.002921	.002384	.0008879	-.001929	.001116	.0037819	-.005639
#3	-.003983	.000716	.0010348	-.003575	.001292	.0047894	-.004399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001433	-.000005	.0137123	.0000273	-.000020	.0014947	.0030157
Stddev	.0000631	.000018	.0052772	.0004614	.000154	.0003986	.0005371
%RSD	44.00636	343.6628	38.48536	1687.782	751.0072	26.66905	17.80840
#1	.0001735	-.000024	.0158526	-.000336	.000153	.0018869	.0035068
#2	.0001856	.000011	.0175832	.000546	-.000077	.0010900	.0030982
#3	.0000708	-.000003	.0077012	-.000128	-.000138	.0015072	.0024422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001507	-.012733	.0000830	.0000650	.0830803	-.000175	-.000250
Stddev	.000025	.010866	.0000331	.0000975	.0073414	.001411	.000182
%RSD	1.633217	85.33998	39.86786	149.8656	8.836462	806.0695	72.68321
#1	-.001489	-.009381	.0001197	-.000046	.0760062	-.001700	-.000314
#2	-.001535	-.024880	.0000742	.000137	.0825722	.001083	-.000391
#3	-.001496	-.003938	.0000553	.000104	.0906625	.000093	-.000045

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569380	-.003694	-.000288	-.001246	.0012741	-.000358	.0030491
Stddev	.0065433	.000560	.000090	.000419	.0004751	.002579	.0011568
%RSD	11.49192	15.15511	31.20755	33.61676	37.29357	719.9608	37.93753
#1	.0625047	-.003282	-.000186	-.000913	.0007332	.002396	.0034502
#2	.0497305	-.003469	-.000354	-.001717	.0014644	-.000755	.0039519
#3	.0585789	-.004331	-.000324	-.001110	.0016245	-.002716	.0017452

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167421BL Acquired: 4/3/2025 17:09:26 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0034406	-.003176	.0000386
Stddev	.0008440	.000889	.0000414
%RSD	24.53158	27.99685	107.2625
#1	.0029403	-.002518	.0000712
#2	.0029664	-.004187	-.000008
#3	.0044151	-.002822	.000053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.776	77559.31	17338.32	2118.084	5269.086
Stddev	32.429	166.55	72.58	8.350	46.539
%RSD	1.003135	.2147402	.4186028	.3942256	.8832453
#1	3268.749	77369.98	17318.18	2120.267	5322.398
#2	3223.798	77624.72	17277.95	2108.859	5248.285
#3	3205.783	77683.22	17418.85	2125.126	5236.576

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01 Acquired: 4/3/2025 17:13:45 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.015791	-.015594	-.035478	.0262408	.0164091	.3550346
Stddev	.005734	.012794	.005221	.0106230	.0012289	.0162739
%RSD	36.30967	82.04288	14.71740	40.48282	7.489168	4.583756
#1	-.017938	-.021877	-.030207	.0354011	.0157908	.3712615
#2	-.020141	-.024032	-.040648	.0145956	.0156121	.3551284
#3	-.009294	-.000874	-.035577	.0287257	.0178244	.3387140

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153389	.0005671	-.002833	F 283.8787	.1941788	.8054327
Stddev	.0005153	.0001063	.000101	.9889	.0010168	.0031916
%RSD	3.359192	18.74500	3.580829	.3483598	.5236665	.3962559
#1	.0158167	.0006451	-.002723	282.9677	.1932357	.8066810
#2	.0154069	.0006101	-.002924	284.9305	.1952560	.8018057
#3	.0147930	.0004460	-.002852	283.7380	.1940446	.8078115

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012526	.1293275	.0004693	15.09833	2.489037	.0127252
Stddev	.002699	.0072724	.0002119	.07478	.030280	.0004649
%RSD	21.54490	5.623279	45.16185	.4952615	1.216547	3.652958
#1	-.012545	.1332136	.0006640	15.01652	2.503384	.0125833
#2	-.015216	.1209376	.0005004	15.16315	2.454250	.0123478
#3	-.009818	.1338313	.0002435	15.11534	2.509477	.0132445

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	-.001787	.3530528	F 492.1591	.1692727	3.824413
Stddev	-----	.001099	.0032719	44.4248	.0018801	.016278
%RSD	-----	61.49893	.9267363	9.026515	1.110716	.4256232
#1	^ -----	-.002776	.3519146	443.0324	.1698068	3.816544
#2	^ -----	-.000604	.3567418	503.9362	.1671833	3.843129
#3	^ -----	-.001980	.3505021	529.5087	.1708280	3.813564

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01 Acquired: 4/3/2025 17:13:45 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.024424	.0166897	2.057825	.0016050	F 4768.070	.0164488
Stddev	.004571	.0003857	.050477	.0153965	69.798	.0020348
%RSD	18.71406	2.310927	2.452917	959.2847	1.463854	12.37070
#1	-.028714	.0162531	1.999542	-.001611	4769.147	.0141915
#2	-.019617	.0168319	2.087484	.018356	4697.740	.0170128
#3	-.024941	.0169841	2.086449	-.011929	4837.323	.0181421

Elem	Sr4077
Units	ppm
Avg	.5726837
Stddev	.0034831
%RSD	.6081993
#1	.5693683
#2	.5723695
#3	.5763132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	876.9580	22630.13	8217.535	587.7013	924.4798
Stddev	27.8016	213.28	65.547	6.3668	34.1694
%RSD	3.170236	.9424391	.7976502	1.083344	3.696066
#1	884.2545	22854.69	8158.253	593.3581	930.5313
#2	846.2357	22430.29	8287.927	580.8063	887.6889
#3	900.3837	22605.40	8206.423	588.9393	955.2191

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01DUP Acquired: 4/3/2025 17:18:03 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.009339	-.013237	-.038355	.0219091	.0113411	.2599649
Stddev	.003709	.008101	.007568	.0074317	.0046544	.0124231
%RSD	39.71366	61.20099	19.73153	33.92061	41.04014	4.778758
#1	-.010269	-.006888	-.046742	.0230366	.0060601	.2581037
#2	-.005253	-.010463	-.036289	.0139781	.0148458	.2485774
#3	-.012494	-.022362	-.032034	.0287126	.0131174	.2732136

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155157	.0005411	-.002682	290.9919	.1953157	.8091294
Stddev	.0012325	.0001213	.000488	2.6065	.0026606	.0023273
%RSD	7.943831	22.42705	18.20433	.8957157	1.362223	.2876335
#1	.0167851	.0004610	-.002350	293.2543	.1926263	.8064493
#2	.0143236	.0004815	-.002453	291.5796	.1953741	.8106396
#3	.0154384	.0006807	-.003242	288.1418	.1979467	.8102994

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008331	.0979786	-.000161	15.79160	2.527671	.0119390
Stddev	.001245	.0028578	.000534	.23429	.016905	.0005447
%RSD	14.94915	2.916796	332.4548	1.483661	.6687992	4.562448
#1	-.009645	.0948100	.000453	15.97426	2.508212	.0118252
#2	-.007168	.0987647	-.000517	15.87310	2.538745	.0114601
#3	-.008179	.1003611	-.000418	15.52744	2.536055	.0125316

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	-.003156	.3401921	571.8304	.1712082	3.778222
Stddev	-----	.002352	.0003300	3.4026	.0050949	.005538
%RSD	-----	74.52093	.0970141	.5950424	2.975851	.1465865
#1	^ -----	-.000998	.3399332	569.6391	.1722992	3.782070
#2	^ -----	-.002806	.3400794	575.7503	.1656562	3.771875
#3	^ -----	-.005662	.3405637	570.1017	.1756693	3.780723

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01DUP Acquired: 4/3/2025 17:18:03 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.023857	.0187258	1.796163	-.003535	F 4955.061	.0185858
Stddev	.004714	.0010294	.025979	.019588	70.706	.0040786
%RSD	19.75882	5.497090	1.446371	554.1094	1.426936	21.94479
#1	-.019238	.0198201	1.781407	-.016095	4883.735	.0155402
#2	-.023672	.0185805	1.780922	-.013547	5025.130	.0169975
#3	-.028660	.0177768	1.826160	.019036	4956.319	.0232196

Elem	Sr4077
Units	ppm
Avg	.5577953
Stddev	.0076982
%RSD	1.380107
#1	.5609765
#2	.5490164
#3	.5633931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.3046	22793.46	7969.338	600.3785	983.3822
Stddev	13.6775	317.36	90.928	12.8317	15.3206
%RSD	1.478157	1.392317	1.140976	2.137273	1.557955
#1	909.9264	22710.11	7875.579	598.4639	967.7038
#2	936.1090	22526.10	8057.143	588.6117	998.3181
#3	929.8785	23144.18	7975.292	614.0600	984.1246

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01LX5 Acquired: 4/3/2025 17:22:20 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0001646	.0018923	-.008896	.0004658	.0024923	.0321104
Stddev	.0054808	.0039071	.003587	.0065952	.0036934	.0027993
%RSD	3329.646	206.4695	40.32605	1415.923	148.1904	8.717705
#1	.0059464	.0020394	-.010122	.0071548	-.001764	.0340118
#2	-.000498	.0057238	-.011709	.0002739	.004385	.0288960
#3	-.004955	-.002086	-.004856	-.006031	.004855	.0334235

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004636	.0002326	-.000721	74.85457	.0540850	.1919994
Stddev	.001413	.0000757	.000175	.53666	.0005485	.0021454
%RSD	30.48438	32.55409	24.21965	.7169407	1.014044	1.117418
#1	-.003547	.0002969	-.000521	74.80258	.0542423	.1938328
#2	-.006234	.0002516	-.000799	74.34579	.0534751	.1925255
#3	-.004128	.0001491	-.000843	75.41533	.0545375	.1896398

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040171	.0223757	-.001615	4.413915	.6296888	.0011059
Stddev	.0009688	.0079176	.000216	.030850	.0106457	.0005189
%RSD	24.11641	35.38478	13.37627	.6989350	1.690636	46.92326
#1	.0050757	.0200100	-.001538	4.395597	.6394816	.0011462
#2	.0031748	.0312064	-.001448	4.396614	.6312271	.0005680
#3	.0038006	.0159106	-.001859	4.449533	.6183575	.0016035

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	-.002039	.0488749	80.19985	.0322122	.9276608
Stddev	-----	.000101	.0006891	2.63335	.0007504	.0035688
%RSD	-----	4.977520	1.410014	3.283491	2.329494	.3847082
#1	^ -----	-.002030	.0480814	77.66814	.0313616	.9238296
#2	^ -----	-.001941	.0493234	80.00713	.0327802	.9282619
#3	^ -----	-.002144	.0492200	82.92427	.0324950	.9308908

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01LX5 Acquired: 4/3/2025 17:22:20 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.006057	.0061628	.2536671	.0014559	F 2426.692	-.005067
Stddev	.001025	.0007516	.0052868	.0048585	63.799	.002091
%RSD	16.91398	12.19559	2.084157	333.7079	2.629053	41.27385
#1	-.006328	.0067063	.2586162	-.003296	2490.116	-.006994
#2	-.004925	.0053051	.2480973	.006415	2427.436	-.005362
#3	-.006920	.0064770	.2542878	.001249	2362.524	-.002843

Elem	Sr4077
Units	ppm
Avg	.1164523
Stddev	.0006311
%RSD	.5419034
#1	.1157281
#2	.1167444
#3	.1168845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.634	39541.26	11537.00	1127.690	2110.936
Stddev	38.463	272.34	32.39	14.274	30.912
%RSD	2.273690	.6887503	.2807065	1.265730	1.464358
#1	1728.381	39791.73	11572.00	1144.101	2140.941
#2	1694.864	39580.70	11508.10	1120.808	2112.675
#3	1651.659	39251.35	11530.88	1118.162	2079.191

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01MS Acquired: 4/3/2025 17:26:39 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176898	1.486816	.7267959	3.524481	1.349680	3.169197
Stddev	.022323	.016113	.0013766	.027153	.012500	.145784
%RSD	1.896733	1.083701	.1894072	.7704135	.9261773	4.600043
#1	1.151122	1.498573	.7252794	3.495282	1.337495	3.285812
#2	1.189639	1.468449	.7279668	3.548973	1.362473	3.005752
#3	1.189932	1.493424	.7271414	3.529186	1.349071	3.216028

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1934060	.2206827	.1567298	281.5418	.4316446	.9398397
Stddev	.0003504	.0045679	.0016250	6.8902	.0099224	.0058681
%RSD	.1811960	2.069903	1.036786	2.447324	2.298748	.6243684
#1	.1937790	.2156646	.1579034	274.7041	.4427233	.9412432
#2	.1930836	.2217847	.1548751	288.4834	.4235751	.9333972
#3	.1933555	.2245988	.1574108	281.4380	.4286354	.9448788

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380582	3.003522	.1292011	16.36717	2.810122	.1852015
Stddev	.0016293	.060027	.0031603	.43860	.021196	.0032937
%RSD	1.180168	1.998564	2.446046	2.679732	.7542808	1.778427
#1	.1398778	2.980730	.1259470	15.95155	2.824382	.1814158
#2	.1367344	3.071607	.1322584	16.82560	2.785765	.1874102
#3	.1375624	2.958229	.1293980	16.32438	2.820217	.1867785

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.2129789	.6872977	558.4862	.3962211	3.912136
Stddev	-----	.0013899	.0113649	7.5907	.0074865	.007874
%RSD	-----	.6526194	1.653567	1.359160	1.889467	.2012823
#1	^ -----	.2114041	.6744594	562.6209	.3880446	3.906046
#2	^ -----	.2134981	.6913624	549.7258	.3978794	3.909335
#3	^ -----	.2140345	.6960714	563.1120	.4027395	3.921029

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01MS Acquired: 4/3/2025 17:26:39 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.5684385	.1742554	3.531171	F 12.71703	F 4761.543	.4755914
Stddev	.0080201	.0022036	.128408	.12198	64.471	.0198265
%RSD	1.410908	1.264592	3.636403	.9591691	1.353997	4.168812
#1	.5729915	.1717157	3.658309	12.57782	4825.862	.4889926
#2	.5591780	.1756599	3.401530	12.80520	4696.920	.4528161
#3	.5731458	.1753907	3.533674	12.76806	4761.846	.4849655

Elem	Sr4077
Units	ppm
Avg	.7119115
Stddev	.0048828
%RSD	.6858714
#1	.7089823
#2	.7092040
#3	.7175482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	952.6786	24007.94	8199.887	630.2906	994.5858
Stddev	7.1449	207.54	117.004	9.1842	8.6311
%RSD	.7499807	.8644829	1.426894	1.457143	.8678085
#1	955.6053	24005.25	8330.816	639.4508	1000.728
#2	944.5351	23801.75	8105.558	621.0825	984.718
#3	957.8956	24216.82	8163.288	630.3384	998.312

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01MSD Acquired: 4/3/2025 17:30:52 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.194205	1.485003	.7199755	3.611336	1.397035	3.171883
Stddev	.011543	.019072	.0191176	.073127	.024604	.192914
%RSD	.9665664	1.284320	2.655317	2.024937	1.761185	6.082018
#1	1.194289	1.465150	.6979014	3.609579	1.408057	3.237468
#2	1.205706	1.503184	.7312023	3.685326	1.414201	3.323454
#3	1.182620	1.486674	.7308227	3.539103	1.368846	2.954727

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924412	.2264242	.1560553	280.4507	.4425321	.9386848
Stddev	.0045393	.0017463	.0018386	5.2726	.0148565	.0114037
%RSD	2.358786	.7712477	1.178160	1.880039	3.357148	1.214863
#1	.1954344	.2260135	.1539724	284.4582	.4596686	.9256828
#2	.1946709	.2249198	.1567413	274.4777	.4346496	.9469902
#3	.1872182	.2283392	.1574523	282.4162	.4332781	.9433814

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1342797	3.067805	.1289677	16.29165	2.802761	.1931740
Stddev	.0050468	.082468	.0021545	.36845	.033913	.0029965
%RSD	3.758419	2.688186	1.670555	2.261619	1.210000	1.551215
#1	.1314559	3.153132	.1309981	16.46719	2.763732	.1910959
#2	.1312768	3.061754	.1267076	15.86825	2.825046	.1966090
#3	.1401063	2.988529	.1291976	16.53951	2.819506	.1918171

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.2139541	.7134466	555.2875	.4030048	3.951103
Stddev	-----	.0031222	.0031540	18.6075	.0038544	.034123
%RSD	-----	1.459281	.4420868	3.350973	.9564176	.8636407
#1	^ -----	.2175150	.7128485	561.6794	.4034112	3.922623
#2	^ -----	.2116859	.7168569	569.8565	.3989633	3.988924
#3	^ -----	.2126613	.7106344	534.3264	.4066399	3.941761

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01MSD Acquired: 4/3/2025 17:30:52 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.5698531	.1731669	3.632108	F 12.95670	F 4720.733	.4939752
Stddev	.0044929	.0023384	.197251	.19355	65.459	.0286922
%RSD	.7884273	1.350383	5.430746	1.493821	1.386618	5.808427
#1	.5647471	.1756789	3.726919	12.95313	4645.149	.5042130
#2	.5716107	.1710532	3.764053	13.15202	4758.306	.5161444
#3	.5732015	.1727686	3.405354	12.76497	4758.745	.4615684

Elem	Sr4077
Units	ppm
Avg	.7162142
Stddev	.0144768
%RSD	2.021289
#1	.7283655
#2	.7200801
#3	.7001969

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.4210	23449.07	8128.330	610.3717	970.4107
Stddev	21.1718	202.00	101.453	2.2533	26.2100
%RSD	2.277956	.8614223	1.248139	.3691612	2.700917
#1	928.1088	23217.54	8118.759	612.9060	970.1073
#2	908.9359	23540.43	8234.229	608.5943	944.3537
#3	951.2185	23589.24	8032.001	609.6149	996.7711

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV06 Acquired: 4/3/2025 17:48:06 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.009572	5.222170	4.936416	5.021222	5.049636	9.567602	9.638699
Stddev	.044759	.008586	.043366	.035091	.040986	.008504	.074730
%RSD	.8934738	.1644225	.8784905	.6988462	.8116607	.0888783	.7753106
#1	5.032861	5.231438	4.973118	5.031652	5.077691	9.576116	9.664140
#2	5.037885	5.220586	4.947566	5.049915	5.068617	9.567582	9.697386
#3	4.957970	5.214485	4.888564	4.982099	5.002601	9.559109	9.554570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2390954	2.476961	23.59500	1.013055	2.494292	1.282045	4.881944
Stddev	.0012775	.021984	.04031	.002550	.021219	.012511	.026962
%RSD	.5343059	.8875279	.1708489	.2517463	.8506957	.9758769	.5522824
#1	.2404212	2.494969	23.64089	1.012497	2.512528	1.290981	4.852396
#2	.2378725	2.483451	23.56531	1.015837	2.499345	1.287409	4.888223
#3	.2389924	2.452463	23.57879	1.010829	2.471003	1.267746	4.905212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.308069	24.14295	2.515312	1.248304	27.01087	2.432474	2.527904
Stddev	.004660	.06601	.022317	.001072	.19241	.003548	.006835
%RSD	.2018998	.2734083	.8872432	.0858813	.7123520	.1458451	.2703774
#1	2.311236	24.21911	2.534019	1.247148	26.79616	2.436271	2.535740
#2	2.302718	24.10231	2.521307	1.249265	27.16769	2.431907	2.524800
#3	2.310252	24.10743	2.490610	1.248499	27.06876	2.429244	2.523172

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.30795	4.749989	5.091794	4.982773	4.750622	5.193646	4.799193
Stddev	.22215	.032816	.040725	.042748	.006540	.035926	.036063
%RSD	.8777761	.6908729	.7998187	.8579237	.1376761	.6917368	.7514286
#1	25.05380	4.786597	5.119944	5.015882	4.750269	5.154711	4.820086
#2	25.46510	4.723211	5.110340	4.997924	4.757331	5.200712	4.819941
#3	25.40496	4.740160	5.045096	4.934513	4.744264	5.225514	4.757551

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV06 Acquired: 4/3/2025 17:48:06 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	5.016721	4.617818	4.816128
Stddev	.033815	.006881	.024174
%RSD	.6740377	.1490003	.5019429
#1	5.047779	4.611620	4.793378
#2	5.021686	4.625222	4.841511
#3	4.980699	4.616613	4.813494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.781	72561.72	16171.39	1980.062	4669.261
Stddev	24.988	131.89	94.85	3.853	40.121
%RSD	.8158670	.1817595	.5865044	.1946038	.8592566
#1	3042.625	72714.01	16067.99	1976.581	4632.208
#2	3054.978	72485.16	16254.34	1984.202	4663.703
#3	3090.739	72486.00	16191.84	1979.402	4711.870

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB06 Acquired: 4/3/2025 18:00:40 Type: Unk
Method: NON EPA-6010-200.7(v2883) 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	.0012102	.0001681	-.001179	-.001527	.0005169	-.000706
Stddev	.0025923	.0020693	.000846	.000721	.0004909	.001166
%RSD	214.2059	1231.213	71.71828	47.17734	94.97636	165.2050
#1	.0041505	.0000874	-.001558	-.002359	.0001144	-.001690
#2	.0002254	.0022765	-.001769	-.001118	.0010638	.000582
#3	-.000745	-.001860	-.000210	-.001105	.0003724	-.001010

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005708	.0001222	.0000103	.0033171	.0000723	.0000809
Stddev	.000241	.0000606	.0000183	.0052120	.0000806	.0001090
%RSD	4.215838	49.61603	176.5346	157.1255	111.5328	134.7240
#1	-.005534	.0001238	-.000001	-.002130	.0001504	.0001870
#2	-.005982	.0001820	.000031	.008257	-.000011	-.000031
#3	-.005607	.0000608	.000001	.003825	.000077	.000087

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001173	-.005623	-.001821	-.010343	-.000031	-.000224
Stddev	.0003759	.002386	.000253	.008074	.000262	.000191
%RSD	320.5396	42.43147	13.87674	78.06819	831.6702	85.20888
#1	-.000062	-.003483	-.002073	-.019253	-.000301	-.000004
#2	-.000136	-.005191	-.001822	-.003509	.000222	-.000343
#3	.000549	-.008196	-.001568	-.008266	-.000015	-.000324

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6239735	.0009195	-.000536	.5527732	-.002203	.0002158
Stddev	.0187237	.0006834	.000286	.0237448	.000404	.0001234
%RSD	3.000712	74.32405	53.38111	4.295581	18.35080	57.17298
#1	.6046577	.0011918	-.000739	.5292651	-.001883	.0001868
#2	.6252201	.0001419	-.000209	.5523066	-.002657	.0003512
#3	.6420427	.0014248	-.000661	.5767479	-.002070	.0001095

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB06 Acquired: 4/3/2025 18:00:40 Type: Unk
Method: NON EPA-6010-200.7(v2883) 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	-.001685	.0016373	.0047291	.0012092	F .0356530	-.002718
Stddev	.000386	.0003296	.0025394	.0007038	.0046991	.000265
%RSD	22.91138	20.13057	53.69710	58.20329	13.18003	9.760885
#1	-.001241	.0020154	.0018687	.0020023	.0321587	-.002978
#2	-.001874	.0014108	.0067179	.0009665	.0409951	-.002448
#3	-.001941	.0014856	.0056006	.0006590	.0338051	-.002727

Elem	Sr4077
Units	ppm
Avg	.0001219
Stddev	.0000510
%RSD	41.87396
#1	.0001800
#2	.0001015
#3	.0000842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.579	73810.08	15655.70	2052.382	5164.739
Stddev	7.078	164.62	20.21	11.329	5.373
%RSD	.2226885	.2230262	.1291195	.5519849	.1040325
#1	3185.499	73911.69	15653.87	2051.713	5169.743
#2	3178.886	73898.40	15676.76	2064.031	5159.060
#3	3171.353	73620.15	15636.45	2041.403	5165.413

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01A Acquired: 4/3/2025 18:04:36 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.109023	1.482261	.7339262	3.320142	1.252978	3.016075
Stddev	.025131	.020033	.0181148	.072594	.035658	.115816
%RSD	2.266019	1.351494	2.468209	2.186476	2.845836	3.839969
#1	1.080054	1.503550	.7547376	3.236346	1.213238	2.952152
#2	1.122055	1.479451	.7253400	3.363951	1.263520	3.149766
#3	1.124962	1.463782	.7217010	3.360128	1.282176	2.946308

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1950502	.2215911	.1587331	294.7703	.4695632	.9407483
Stddev	.0007031	.0023726	.0028533	4.2880	.0057643	.0110903
%RSD	.3604588	1.070730	1.797546	1.454677	1.227583	1.178882
#1	.1951056	.2242810	.1620120	297.0863	.4649130	.9535502
#2	.1957239	.2206964	.1573732	289.8223	.4677640	.9340679
#3	.1943210	.2197958	.1568142	297.4022	.4760124	.9346267

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1519651	3.153275	.1333489	17.16092	2.837849	.1777899
Stddev	.0068712	.104046	.0010320	.32051	.046596	.0021210
%RSD	4.521584	3.299608	.7738931	1.867666	1.641947	1.192961
#1	.1594942	3.118682	.1338591	17.31857	2.891557	.1763883
#2	.1460329	3.070932	.1321612	16.79212	2.808208	.1767513
#3	.1503684	3.270211	.1340264	17.37207	2.813781	.1802299

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.2154289	.6678906	468.2218	.4008492	3.881514
Stddev	-----	.0011821	.0125719	14.9431	.0046953	.013073
%RSD	-----	.5487002	1.882332	3.191456	1.171334	.3368060
#1	^ -----	.2140887	.6602255	451.8922	.4061085	3.892263
#2	^ -----	.2158753	.6610466	471.5594	.3970792	3.866961
#3	^ -----	.2163228	.6823997	481.2140	.3993600	3.885318

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1689-01A Acquired: 4/3/2025 18:04:36 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.5720939	.1768819	3.407597	F 12.07904	F 4985.747	.4501074
Stddev	.0047343	.0013810	.105631	.22582	143.914	.0177311
%RSD	.8275466	.7807446	3.099857	1.869542	2.886512	3.939300
#1	.5769788	.1764797	3.293948	11.82094	5151.558	.4438380
#2	.5717767	.1757466	3.502773	12.24023	4893.280	.4701215
#3	.5675261	.1784193	3.426069	12.17595	4912.404	.4363628

Elem	Sr4077
Units	ppm
Avg	.7113966
Stddev	.0062499
%RSD	.8785432
#1	.7061605
#2	.7183157
#3	.7097137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	977.2288	23152.97	7919.606	628.2057	1045.829
Stddev	11.6757	548.32	99.834	17.4712	14.729
%RSD	1.194776	2.368236	1.260593	2.781129	1.408366
#1	987.0469	23414.49	7871.099	638.0199	1060.935
#2	980.3213	23521.56	8034.425	638.5631	1045.044
#3	964.3181	22522.85	7853.294	608.0341	1031.508

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1703-02 Acquired: 4/3/2025 18:08:49 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.000110	.0019461	.0563242	-.000074	.0336910	1.988049
Stddev	.000696	.0016133	.0025428	.000205	.0011776	.001929
%RSD	631.1324	82.89761	4.514547	278.9199	3.495177	.0970083
#1	.000170	.0022295	.0586938	-.000298	.0350502	1.989538
#2	-.000902	.0033989	.0566410	.000105	.0330455	1.988738
#3	.000401	.0002099	.0536379	-.000028	.0329773	1.985870

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153579	.0004339	.0028835	18.20505	.0365793	.0035577
Stddev	.0008491	.0000394	.0001057	.00196	.0004838	.0002744
%RSD	.7360948	9.089034	3.666199	.0107821	1.322596	7.711901
#1	.1148037	.0004179	.0027876	18.20279	.0371251	.0032985
#2	.1149346	.0004788	.0028662	18.20594	.0364096	.0035295
#3	.1163355	.0004049	.0029969	18.20641	.0362032	.0038451

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2885421	12.06395	.1419991	4.460695	.0365785	.0018291
Stddev	.0012709	.04883	.0004891	.012010	.0006824	.0001682
%RSD	.4404382	.4047734	.3444220	.2692501	1.865699	9.195532
#1	.2875788	12.01502	.1418589	4.470654	.0365599	.0016356
#2	.2880651	12.11268	.1425429	4.447357	.0359056	.0019113
#3	.2899825	12.06415	.1415954	4.464074	.0372701	.0019404

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	695.2001	.0048667	1.158634	19.19375	.1650294	.0280224
Stddev	4.3673	.0009542	.003683	.07880	.0005755	.0003699
%RSD	.6282140	19.60598	.3179134	.4105451	.3487153	1.320003
#1	691.2593	.0050081	1.154710	19.11192	.1656743	.0284434
#2	699.8956	.0057422	1.162017	19.26912	.1648456	.0278739
#3	694.4453	.0038497	1.159176	19.20021	.1645683	.0277498

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1703-02 Acquired: 4/3/2025 18:08:49 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0200409	.0835764	F 23.96687	8.303331	F 214.0887	.0294886
Stddev	.0005380	.0010814	.10209	.026679	.7013	.0014854
%RSD	2.684581	1.293954	.4259779	.3213107	.3275890	5.037046
#1	.0194697	.0847349	23.85628	8.287818	213.9051	.0277823
#2	.0205379	.0825936	24.05753	8.288038	213.4975	.0304918
#3	.0201153	.0834006	23.98680	8.334138	214.8636	.0301919

Elem	Sr4077
Units	ppm
Avg	.1517489
Stddev	.0004712
%RSD	.3105213
#1	.1512481
#2	.1518151
#3	.1521835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.970	65779.04	15930.84	1897.017	4090.963
Stddev	14.204	391.38	66.05	20.448	16.167
%RSD	.4955938	.5949902	.4146319	1.077888	.3951999
#1	2874.667	66165.21	15945.87	1919.162	4094.329
#2	2873.664	65789.23	15988.09	1893.039	4105.182
#3	2849.580	65382.66	15858.57	1878.852	4073.377

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1704-01 Acquired: 4/3/2025 18:13:08 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	.0005343	.0008474	-.000293	-.003543	.0005201	.0588013
Stddev	.0017318	.0013288	.000316	.000523	.0014375	.0033002
%RSD	324.1251	156.8106	108.0031	14.75838	276.3819	5.612423
#1	.0006443	-.000685	-.000546	-.003366	.0006027	.0553228
#2	-.001250	.001543	.000062	-.004131	.0019146	.0591929
#3	.002209	.001684	-.000395	-.003131	-.000957	.0618882

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1599521	.0003124	.0000388	118.1977	.0008648	-.000289
Stddev	.0007908	.0000070	.0000685	.4928	.0002843	.000107
%RSD	.4944133	2.247011	176.5319	.4168871	32.87953	36.94377
#1	.1606860	.0003195	.0000700	118.7666	.0005856	-.000239
#2	.1591146	.0003055	-.000040	117.9214	.0008548	-.000217
#3	.1600558	.0003121	.000086	117.9050	.0011540	-.000412

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005932	.0423216	.0035236	29.51828	.0087479	-.000283
Stddev	.0002118	.0008682	.0000715	.09574	.0000869	.000325
%RSD	35.70081	2.051360	2.028803	.3243546	.9930962	114.6820
#1	.0007466	.0415548	.0036018	29.60085	.0087045	-.000593
#2	.0003516	.0421458	.0035076	29.54067	.0088479	-.000311
#3	.0006816	.0432642	.0034615	29.41333	.0086913	.000055

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	290.2296	.0024376	.0282071	20.20120	.2543337	.0076107
Stddev	2.1841	.0009658	.0002534	.00643	.0011967	.0001326
%RSD	.7525486	39.61946	.8985146	.0318465	.4705107	1.742614
#1	290.6609	.0027855	.0281022	20.19378	.2533844	.0074877
#2	287.8620	.0013461	.0284961	20.20450	.2539388	.0075931
#3	292.1659	.0031812	.0280229	20.20530	.2556779	.0077512

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: Q1704-01 Acquired: 4/3/2025 18:13:08 Type: Unk
Method: NON EPA-6010-200.7(v2880) 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	-.005597	-.000740	F 11.10479	.0502464	F 37.06520	-.014470
Stddev	.001096	.000601	.01695	.0012197	.04689	.000494
%RSD	19.57862	81.21317	.1526752	2.427413	.1264959	3.413821
#1	-.005705	-.000977	11.12427	.0490410	37.10244	-.014342
#2	-.004451	-.000057	11.09337	.0502183	37.08063	-.015015
#3	-.006635	-.001187	11.09673	.0514799	37.01255	-.014052

Elem	Sr4077
Units	ppm
Avg	1.217139
Stddev	.009218
%RSD	.7573578
#1	1.215630
#2	1.208768
#3	1.227018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.162	67573.97	16051.23	1892.296	4285.709
Stddev	6.624	100.41	14.94	4.514	10.927
%RSD	.2282376	.1485893	.0930594	.2385597	.2549578
#1	2907.467	67683.40	16067.71	1888.596	4293.423
#2	2894.738	67486.08	16047.40	1890.967	4273.205
#3	2904.283	67552.42	16038.58	1897.326	4290.498

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167442BL Acquired: 4/3/2025 18:21:52 Type: Unk
Method: NON EPA-6010-200.7(v2884) 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	.0009612	-.000526	-.000675	-.002693	-.000609	-.000402
Stddev	.0010636	.001174	.000910	.002611	.001367	.003845
%RSD	110.6458	223.0198	134.7778	96.96629	224.5182	955.6813
#1	.0021625	-.000792	-.001479	-.000214	-.000293	-.003493
#2	.0001393	-.001544	-.000860	-.005418	-.002107	-.001617
#3	.0005820	.000757	.000313	-.002446	.000573	.003903

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002715	.0001378	-.000006	.0069354	-.000144	.0000347
Stddev	.000963	.0000376	.000042	.0029092	.000082	.0001670
%RSD	35.47459	27.27412	690.3084	41.94747	57.06140	481.7249
#1	-.003418	.0001379	.000032	.0102083	-.000157	.0002171
#2	-.001617	.0001753	.000000	.0059546	-.000220	-.000111
#3	-.003108	.0001001	-.000051	.0046433	-.000056	-.000003

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002736	-.006749	-.002074	-.014266	-.000028	-.000012
Stddev	.0004144	.002437	.000230	.015681	.000152	.000199
%RSD	151.4748	36.10516	11.10803	109.9198	532.8597	1688.512
#1	.0000762	-.004997	-.002174	.003171	.000142	.000217
#2	.0007498	-.009531	-.002237	-.027212	-.000149	-.000133
#3	-.000005	-.005718	-.001810	-.018757	-.000078	-.000120

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9891230	-.000243	-.000354	.6919893	-.003316	.0000512
Stddev	.0124328	.001990	.000289	.0220903	.000556	.0000572
%RSD	1.256953	820.0781	81.65197	3.192292	16.75152	111.6388
#1	.9747885	.000014	-.000688	.6778449	-.002739	-.000000
#2	.9956079	-.002348	-.000194	.6806786	-.003362	.000113
#3	.9969727	.001607	-.000181	.7174445	-.003847	.000041

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167442BL Acquired: 4/3/2025 18:21:52 Type: Unk
Method: NON EPA-6010-200.7(v2884) 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	-.001249	.0010217	.0035975	.0019576	F .0562771	-.003500
Stddev	.000169	.0002934	.0069638	.0010549	.0061483	.000808
%RSD	13.56524	28.71728	193.5729	53.88759	10.92498	23.08972
#1	-.001088	.0010270	-.000760	.0030645	.0614476	-.002776
#2	-.001232	.0007256	-.000077	.0009639	.0494787	-.003351
#3	-.001426	.0013123	.011629	.0018444	.0579050	-.004372

Elem	Sr4077
Units	ppm
Avg	.0000801
Stddev	.0000070
%RSD	8.743932
#1	.0000757
#2	.0000882
#3	.0000765

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3152.326	71982.29	16096.22	2033.354	5062.225
Stddev	7.193	238.81	37.80	5.235	10.430
%RSD	.2281678	.3317687	.2348557	.2574631	.2060355
#1	3144.204	72152.09	16108.28	2038.166	5050.235
#2	3157.892	71709.22	16053.86	2027.779	5067.238
#3	3154.881	72085.56	16126.52	2034.117	5069.202

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167442BS Acquired: 4/3/2025 18:25:49 Type: Unk
Method: NON EPA-6010-200.7(v2885) 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	.7897234	2.083532	.9561715	1.993430	.8048715	1.841914
Stddev	.0035612	.004227	.0021006	.008330	.0010009	.006449
%RSD	.4509439	.2028524	.2196861	.4178700	.1243512	.3501266
#1	.7893748	2.078666	.9543633	2.000370	.8051868	1.841131
#2	.7934461	2.085646	.9584757	1.995729	.8037510	1.848719
#3	.7863493	2.086285	.9556756	1.984192	.8056768	1.835892

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1790075	.1890788	.1943033	.9328689	.4116671	.1972758
Stddev	.0009492	.0011534	.0001399	.0017734	.0008207	.0006251
%RSD	.5302415	.6100163	.0719890	.1901049	.1993487	.3168852
#1	.1787021	.1890435	.1943851	.9331593	.4109502	.1974760
#2	.1800718	.1902494	.1943831	.9309682	.4125623	.1977762
#3	.1782486	.1879434	.1941418	.9344792	.4114889	.1965750

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3162079	2.965648	.1823481	1.828444	.4984551	.0758131
Stddev	.0019390	.025612	.0007106	.008574	.0017965	.0000775
%RSD	.6131917	.8636371	.3897025	.4689375	.3604047	.1021782
#1	.3175592	2.937204	.1823112	1.818544	.4997353	.0758178
#2	.3170782	2.972858	.1830764	1.833472	.4992285	.0758882
#3	.3139862	2.986883	.1816566	1.833317	.4964015	.0757335

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.954590	.2836122	.2057153	11.23511	.2770105	.4044064
Stddev	.024336	.0020470	.0009946	.08476	.0028042	.0010343
%RSD	.3499257	.7217439	.4834876	.7544621	1.012325	.2557477
#1	6.974517	.2816963	.2045897	11.16512	.2771755	.4055658
#2	6.927468	.2857689	.2060808	11.21086	.2797286	.4040749
#3	6.961785	.2833715	.2064755	11.32936	.2741274	.4035786

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: PB167442BS Acquired: 4/3/2025 18:25:49 Type: Unk
Method: NON EPA-6010-200.7(v2885) 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	.6839204	.1836860	.7973192	5.643922	F .0368824	.1826218
Stddev	.0023930	.0005564	.0113867	.014223	.0012213	.0012155
%RSD	.3498944	.3029071	1.428118	.2519970	3.311272	.6655760
#1	.6834277	.1835275	.7844000	5.654741	.0382562	.1834930
#2	.6865215	.1843044	.8058948	5.649214	.0359198	.1812332
#3	.6818122	.1832260	.8016627	5.627813	.0364710	.1831391

Elem	Sr4077
Units	ppm
Avg	.1829194
Stddev	.0006031
%RSD	.3297230
#1	.1834436
#2	.1830544
#3	.1822602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.133	71341.26	16321.42	2006.454	4863.897
Stddev	7.378	144.35	97.99	6.929	12.873
%RSD	.2398477	.2023355	.6003639	.3453586	.2646671
#1	3070.831	71492.11	16333.84	2009.385	4860.240
#2	3073.009	71204.44	16217.81	2011.436	4853.248
#3	3084.559	71327.24	16412.60	1998.541	4878.203

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV07 Acquired: 4/3/2025 18:29:24 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020559	5.305520	4.981135	5.010017	5.053382	9.838640	9.622148
Stddev	.009900	.009606	.006152	.012670	.010459	.029410	.128599
%RSD	.1971925	.1810478	.1235063	.2528958	.2069633	.2989246	1.336494
#1	5.009438	5.295514	4.987120	5.001023	5.054045	9.804683	9.642115
#2	5.028411	5.306379	4.981456	5.024507	5.063494	9.856020	9.484733
#3	5.023828	5.314668	4.974828	5.004522	5.042608	9.855216	9.739596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528131	2.494611	24.21230	1.045481	2.504598	1.282541	4.964459
Stddev	.0004465	.002603	.03054	.002890	.001816	.001168	.013852
%RSD	.1766323	.1043470	.1261513	.2764031	.0724990	.0910968	.2790223
#1	.2532201	2.497510	24.17723	1.042381	2.505957	1.283097	4.948992
#2	.2528838	2.492474	24.23304	1.045962	2.502536	1.283328	4.968666
#3	.2523354	2.493850	24.22665	1.048100	2.505301	1.281199	4.975720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.359729	24.67520	2.515309	1.289976	26.62897	2.469220	2.586418
Stddev	.001644	.05629	.001001	.001260	.13732	.007881	.001365
%RSD	.0696851	.2281205	.0397779	.0977051	.5156728	.3191517	.0527637
#1	2.358127	24.62665	2.515345	1.289179	26.48012	2.461576	2.585319
#2	2.359648	24.66206	2.516291	1.289320	26.65605	2.468765	2.585989
#3	2.361413	24.73690	2.514291	1.291429	26.75073	2.477318	2.587946

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.31647	4.957703	5.121537	5.026340	4.799703	5.185612	4.863375
Stddev	.09330	.011390	.001070	.003574	.002851	.024217	.007596
%RSD	.3685521	.2297458	.0208873	.0711124	.0593992	.4670097	.1561933
#1	25.22186	4.970650	5.122032	5.030030	4.796519	5.159306	4.869298
#2	25.31913	4.953237	5.120309	5.022894	4.802020	5.190552	4.854811
#3	25.40841	4.949223	5.122270	5.026096	4.800571	5.206978	4.866017

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCV07 Acquired: 4/3/2025 18:29:24 Type: Unk
Method: NON EPA-6010-200.7(v2880) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.990506	4.640847	4.824296
Stddev	.013583	.002069	.019316
%RSD	.2721779	.0445895	.4003801
#1	4.985348	4.643101	4.843778
#2	5.005913	4.639034	4.823959
#3	4.980258	4.640405	4.805151

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.007	68934.72	15341.92	1928.805	4645.425
Stddev	2.843	130.57	26.27	4.380	3.814
%RSD	.0932270	.1894060	.1712446	.2271024	.0821078
#1	3052.615	69059.88	15311.75	1933.462	4648.196
#2	3046.976	68944.93	15359.80	1928.185	4641.075
#3	3050.429	68799.35	15354.21	1924.768	4647.004

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB07 Acquired: 4/3/2025 18:33:11 Type: Unk
Method: NON EPA-6010-200.7(v2886) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005314	.0002398	.0008700	.0002275	-.000258	-.000787
Stddev	.0020445	.0013837	.0003844	.0002427	.001166	.000771
%RSD	384.7221	577.1275	44.18725	106.6909	452.4690	98.03385
#1	.0017107	.0014210	.0010438	.0003843	.000700	-.001352
#2	-.001829	.0005810	.0004293	-.000052	.000084	-.001100
#3	.001713	-.001283	.0011368	.000350	-.001557	.000092

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001815	.0001439	.0002316	.0059197	-.000135	.0004098
Stddev	.000485	.0000247	.0000549	.0051781	.000334	.0000481
%RSD	26.72630	17.17621	23.71086	87.47261	247.3761	11.73003
#1	-.001309	.0001722	.0002403	.0092862	-.000234	.0003561
#2	-.002275	.0001334	.0001729	-.000043	.000237	.0004487
#3	-.001860	.0001262	.0002817	.008516	-.000409	.0004247

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.005735	-.001540	-.014098	.0000246	.0001833
Stddev	.000118	.002999	.000075	.006743	.0001403	.0001851
%RSD	803.6635	52.29940	4.852505	47.82564	570.9227	101.0027
#1	.000113	-.002314	-.001456	-.006912	.0000081	.0001532
#2	-.000038	-.006976	-.001563	-.015098	-.000107	.0000151
#3	-.000119	-.007914	-.001600	-.020285	.000172	.0003816

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4408841	-.000919	.0000530	.5908405	.0016062	.0006633
Stddev	.0212188	.000545	.0001970	.0274623	.0003429	.0000493
%RSD	4.812780	59.31653	371.6521	4.648004	21.34589	7.432425
#1	.4204967	-.000290	.0002003	.5632383	.0015944	.0006065
#2	.4393092	-.001229	.0001296	.5911226	.0019549	.0006953
#3	.4628465	-.001238	-.000171	.6181607	.0012695	.0006881

Reviewed By:mohan
On:4/4/2025 5:07:26 PM
Inst Id :P4
LB :LB135289

Sample Name: CCB07 Acquired: 4/3/2025 18:33:11 Type: Unk
Method: NON EPA-6010-200.7(v2886) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000933	.0021727	.0128759	.0019134	F .0357493	-.003891
Stddev	.000134	.0005806	.0024741	.0017496	.0027181	.000408
%RSD	14.37959	26.72134	19.21479	91.43966	7.603110	10.49568
#1	-.000778	.0015355	.0100369	-.000097	.0378807	-.003959
#2	-.001019	.0023110	.0145716	.002748	.0366788	-.003453
#3	-.001002	.0026716	.0140192	.003089	.0326885	-.004262

Elem	Sr4077
Units	ppm
Avg	.0008130
Stddev	.0000727
%RSD	8.944216
#1	.0008797
#2	.0008238
#3	.0007355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3150.037	72167.75	15797.77	2008.100	5116.823
Stddev	7.099	287.72	45.80	7.043	7.345
%RSD	.2253616	.3986884	.2899159	.3507433	.1435403
#1	3147.451	72332.32	15787.61	2009.353	5115.660
#2	3144.594	72335.40	15757.90	2014.432	5110.129
#3	3158.067	71835.51	15847.79	2000.514	5124.680