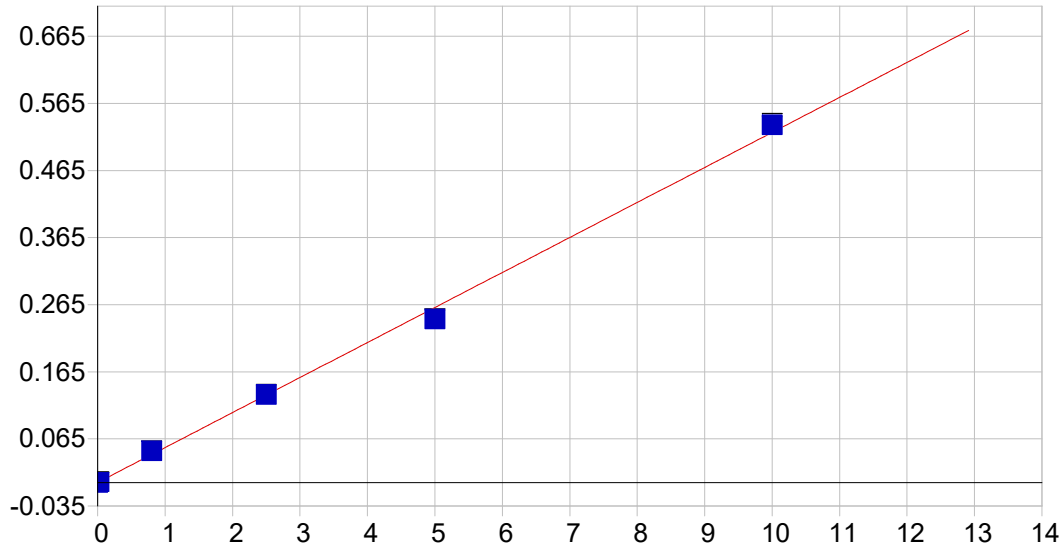
Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



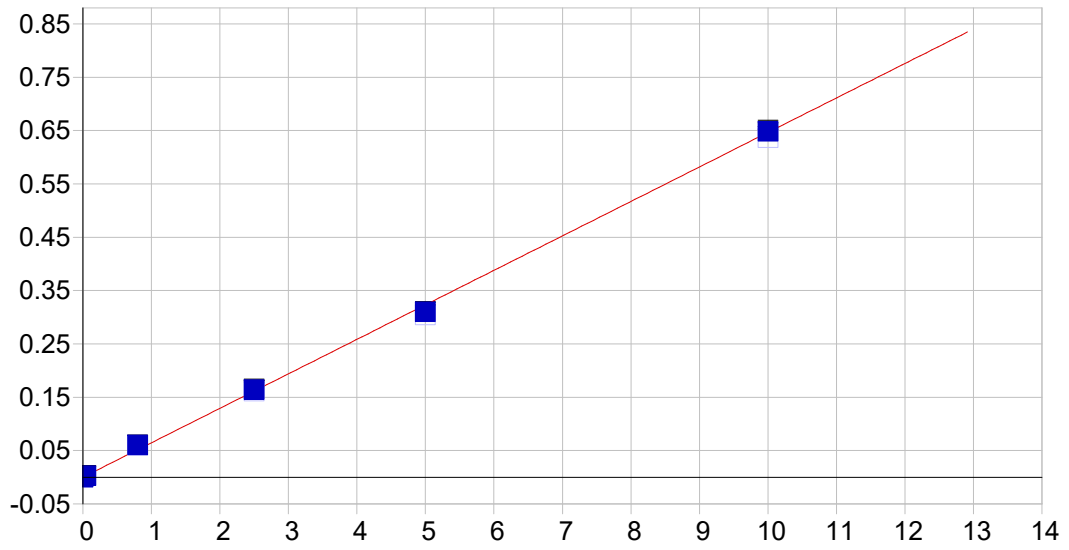
As 189.042 {479}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000098	Re-Slope:	1.000000
A1 (Gain):	0.052187	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998915	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	0.002703		
Predicted MQL:	0.009010		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.01969	-.000	-1.55	.00092	.000	1
S3	2.5000	2.5111	.011	.445	.13081	.000	1
S4	5.0000	4.6701	-.330	-6.60	.24334	.001	1
S5	10.000	10.216	.216	2.16	.53249	.002	1
S2	.80000	.90288	.103	12.9	.04698	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



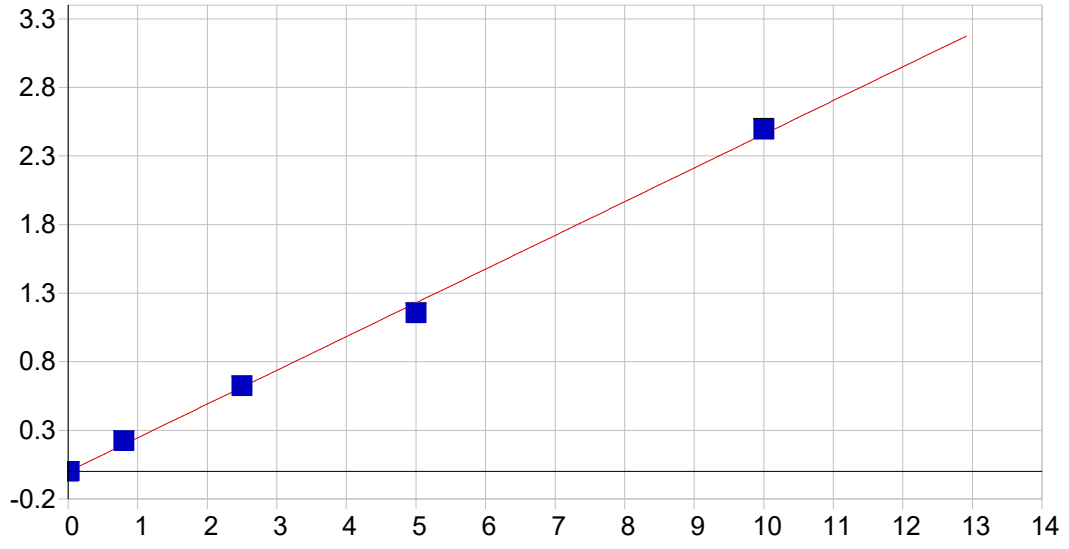
Tl 190.856 {477}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000075	Re-Slope:	1.000000
A1 (Gain):	0.064655	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999116	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.002041		
Predicted MQL:	0.006804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04059	.001	1.48	.00238	.000	1
S3	2.5000	2.5415	.042	1.66	.16127	.001	1
S4	5.0000	4.7952	-.205	-4.10	.30401	.000	1
S5	10.000	10.030	.030	.297	.63649	.002	1
S2	.80000	.93299	.133	16.6	.05929	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



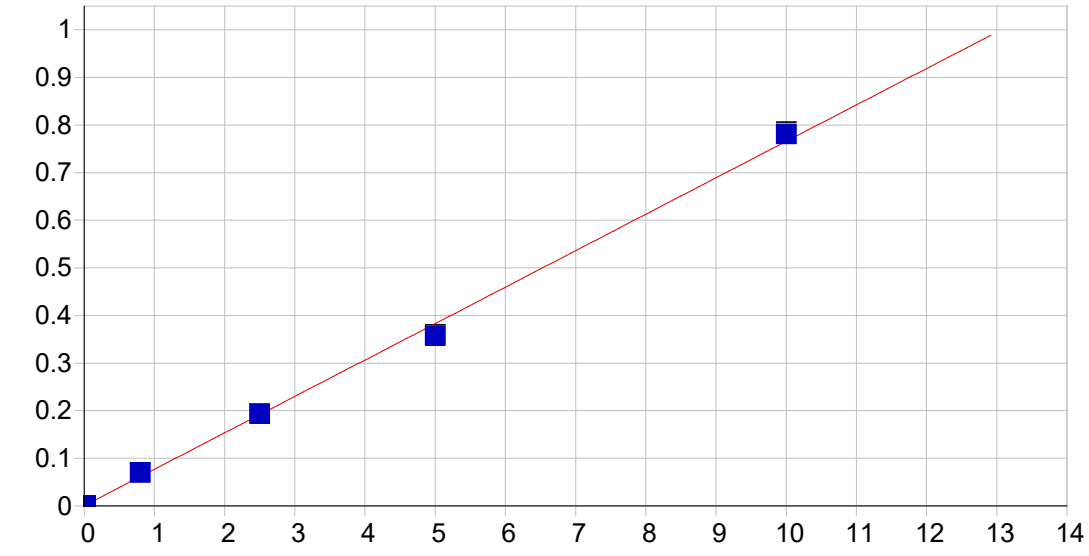
Pb 220.353 {453}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000065	Re-Slope:	1.000000
A1 (Gain):	0.245853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998999	Status:	OK.
Std Error of Est:	0.000200		
Predicted MDL:	0.001183		
Predicted MQL:	0.003943		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01200	.01101	-.001	-8.28	.00258	.000	1
S3	2.5000	2.5367	.037	1.47	.62292	.003	1
S4	5.0000	4.7033	-.297	-5.93	1.1549	.004	1
S5	10.000	10.147	.147	1.47	2.4919	.007	1
S2	.80000	.91396	.114	14.2	.22442	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



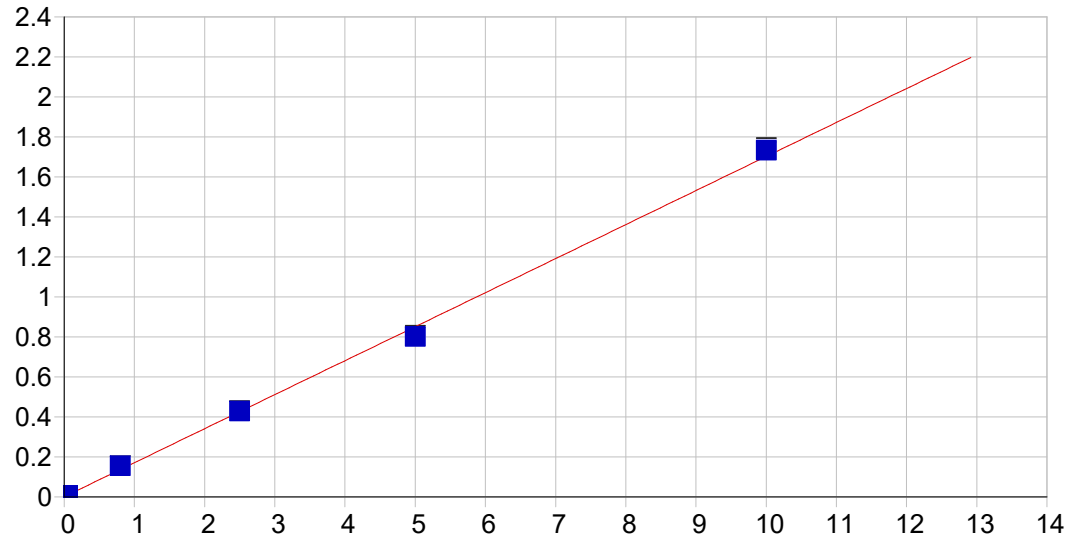
Se 196.090 {472}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000376	Re-Slope:	1.000000
A1 (Gain):	0.076537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998909	Status:	OK.
Std Error of Est:	0.000084		
Predicted MDL:	0.002505		
Predicted MQL:	0.008351		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.02000	.01822	-.002	-8.92	.00177	.000	1
S3	2.5000	2.5225	.022	.899	.19339	.001	1
S4	5.0000	4.6711	-.329	-6.58	.35779	.002	1
S5	10.000	10.203	.203	2.03	.78105	.004	1
S2	.80000	.90558	.106	13.2	.06967	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



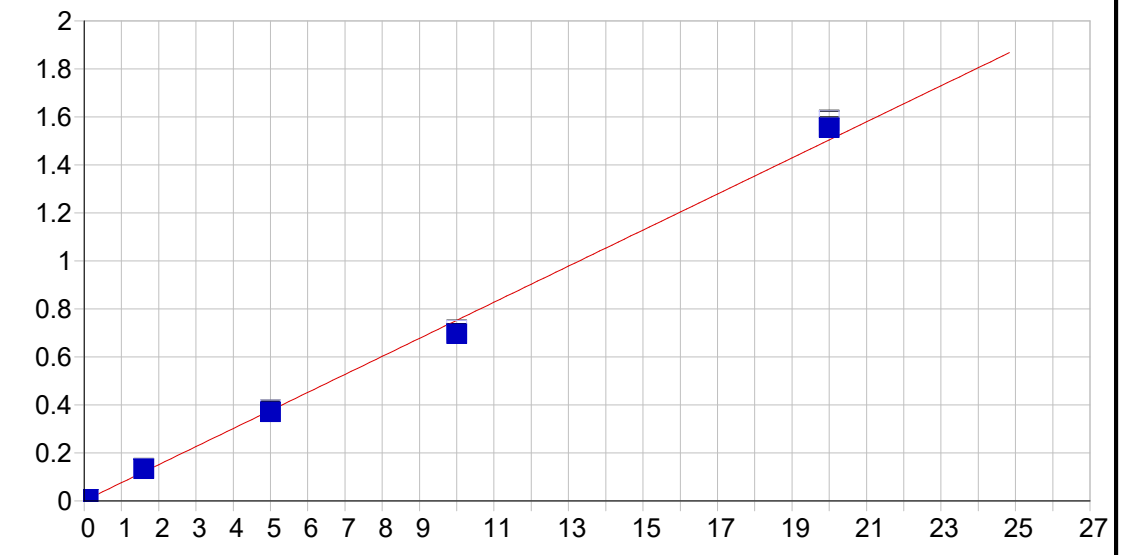
Sb 206.833 {463}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000778	Re-Slope:	1.000000
A1 (Gain):	0.170094	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999056	Status:	OK.
Std Error of Est:	0.000275		
Predicted MDL:	0.001414		
Predicted MQL:	0.004714		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.05000	.04470	-.005	-10.6	.00840	.000	1
S3	2.5000	2.5141	.014	.566	.42958	.001	1
S4	5.0000	4.7061	-.294	-5.88	.80358	.004	1
S5	10.000	10.180	.180	1.80	1.7370	.009	1
S2	.80000	.90475	.105	13.1	.15504	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



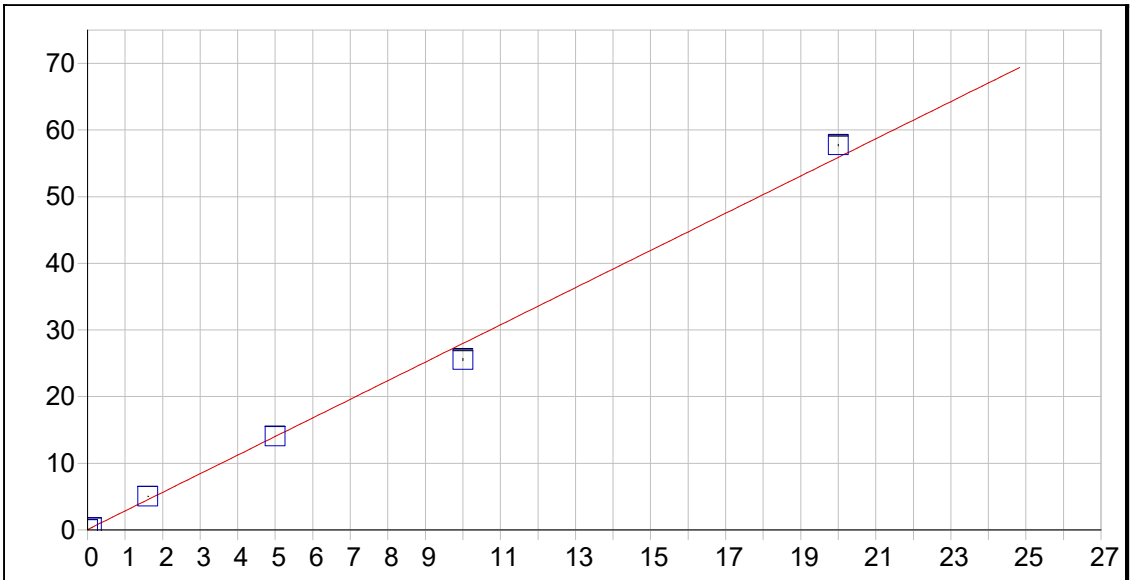
Al 396.152 { 85}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000912	Re-Slope:	1.000000
A1 (Gain):	0.075167	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998734	Status:	OK.
Std Error of Est:	0.000286		
Predicted MDL:	0.008069		
Predicted MQL:	0.026895		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00091	.001	1
S1	.10000	.08589	-.014	-14.1	.00795	.001	1
S3	5.0000	4.9257	-.074	-1.49	.37845	.001	1
S4	10.000	9.2556	-.744	-7.44	.71121	.001	1
S5	20.000	20.677	.677	3.38	1.5843	.003	1
S2	1.6000	1.7566	.157	9.79	.13529	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



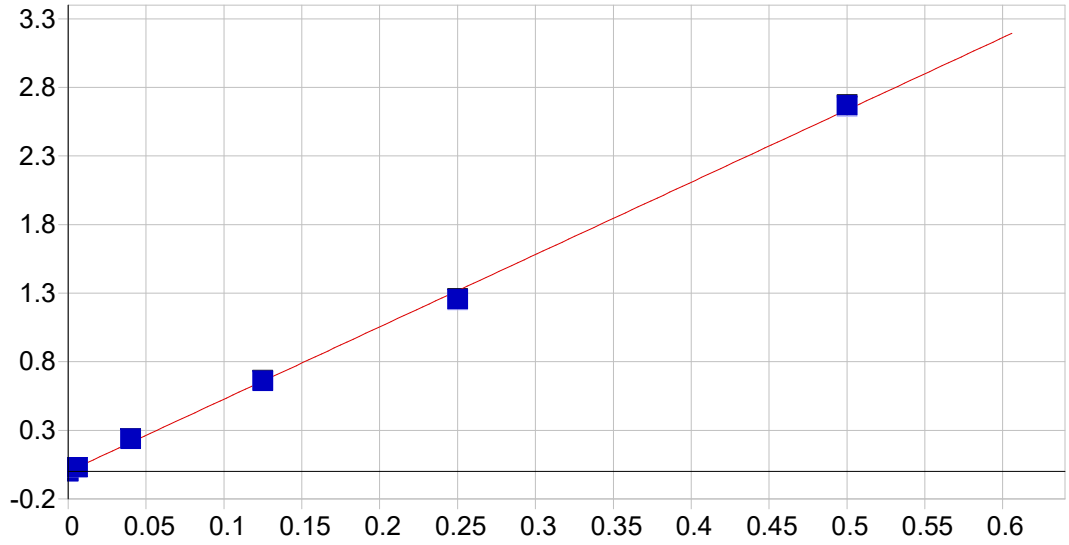
Ba 493.409 { 68}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.056859	Re-Slope:	1.000000
A1 (Gain):	2.791776	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998367	Status:	OK.
Std Error of Est:	0.011845		
Predicted MDL:	0.000704		
Predicted MQL:	0.002347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05685	.002	1
S1	.10000	.09528	-.005	-4.72	.32286	.001	1
S3	5.0000	5.0107	.011	.214	14.046	.014	1
S4	10.000	9.1358	-.864	-8.64	25.562	.153	1
S5	20.000	20.666	.666	3.33	57.752	.118	1
S2	1.6000	1.7920	.192	12.0	5.0597	.003	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



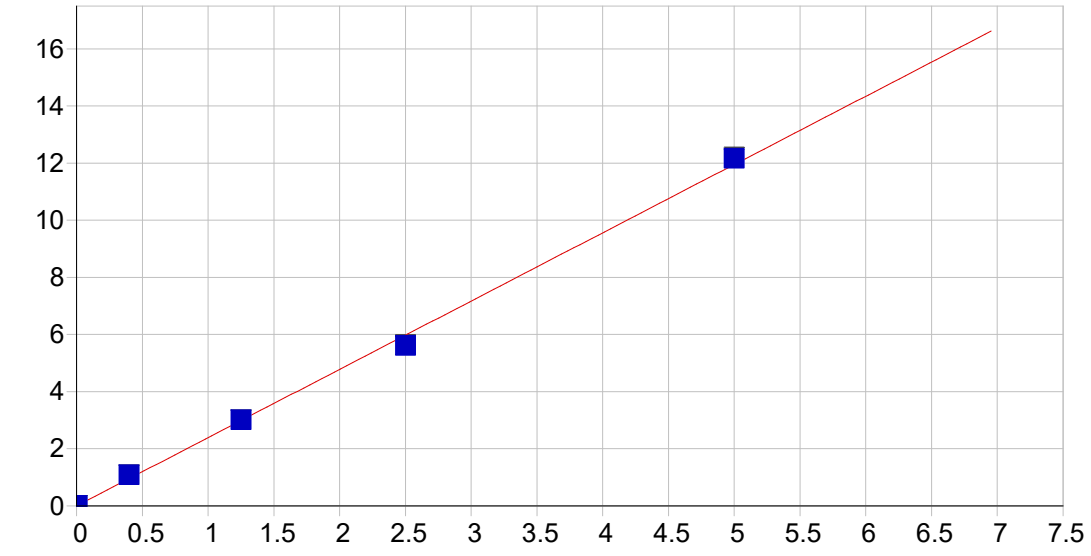
Be 234.861 {144}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000092	Re-Slope:	1.000000
A1 (Gain):	5.272084	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999285	Status:	OK.
Std Error of Est:	0.000571		
Predicted MDL:	0.000055		
Predicted MQL:	0.000182		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.00600	.00576	-.000	-3.95	.03005	.000	1
S3	.12500	.12553	.001	.426	.65878	.004	1
S4	.25000	.23816	-.012	-4.74	1.2496	.004	1
S5	.50000	.50644	.006	1.29	2.6581	.005	1
S2	.04000	.04510	.005	12.8	.23674	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



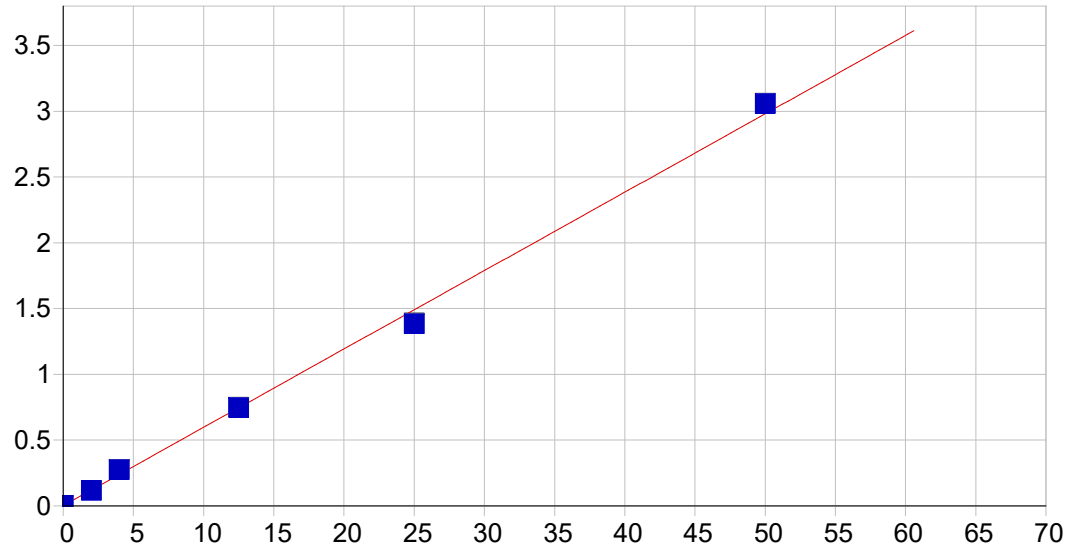
Cd 226.502 {449}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000659	Re-Slope:	1.000000
A1 (Gain):	2.390323	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999037	Status:	OK.
Std Error of Est:	0.000953		
Predicted MDL:	0.000093		
Predicted MQL:	0.000308		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00066	.000	1
S1	.00600	.00560	-.000	-6.71	.01411	.000	1
S3	1.2500	1.2584	.008	.673	3.0111	.008	1
S4	2.5000	2.3491	-.151	-6.04	5.6207	.019	1
S5	5.0000	5.0905	.090	1.81	12.178	.037	1
S2	.40000	.45240	.052	13.1	1.0828	.006	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



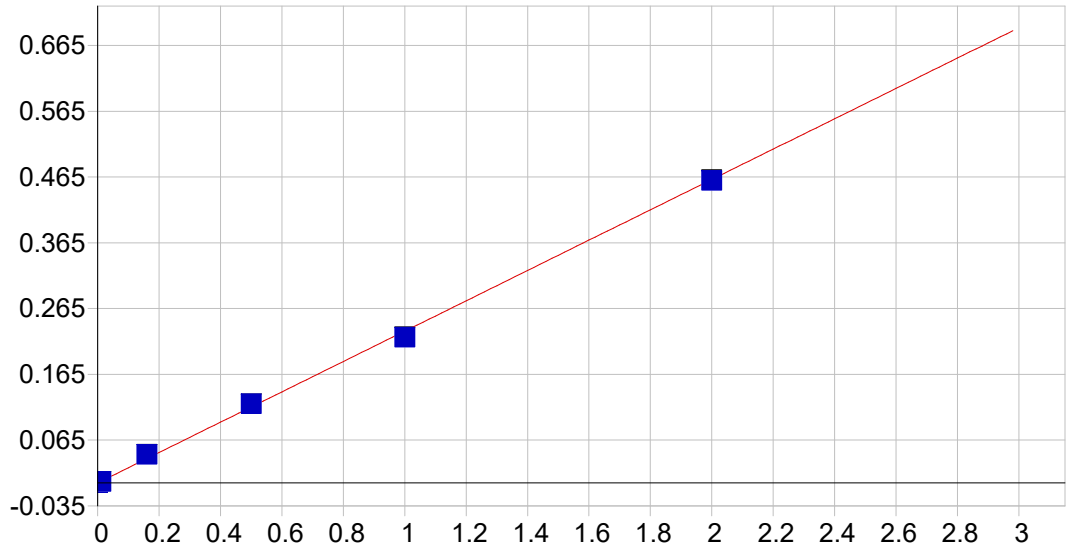
Ca 373.690 { 90}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001660	Re-Slope:	1.000000
A1 (Gain):	0.059577	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998662	Status:	OK.
Std Error of Est:	0.001632		
Predicted MDL:	0.009838		
Predicted MQL:	0.032794		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00165	.001	1
S2	4.0000	4.5744	.574	14.4	.27419	.001	1
S3	12.500	12.501	.001	.007	.74643	.002	1
S4	25.000	23.193	-1.81	-7.23	1.3834	.005	1
S5	50.000	51.311	1.31	2.62	3.0586	.002	1
S1	2.0000	1.9212	-.079	-3.94	.11612	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



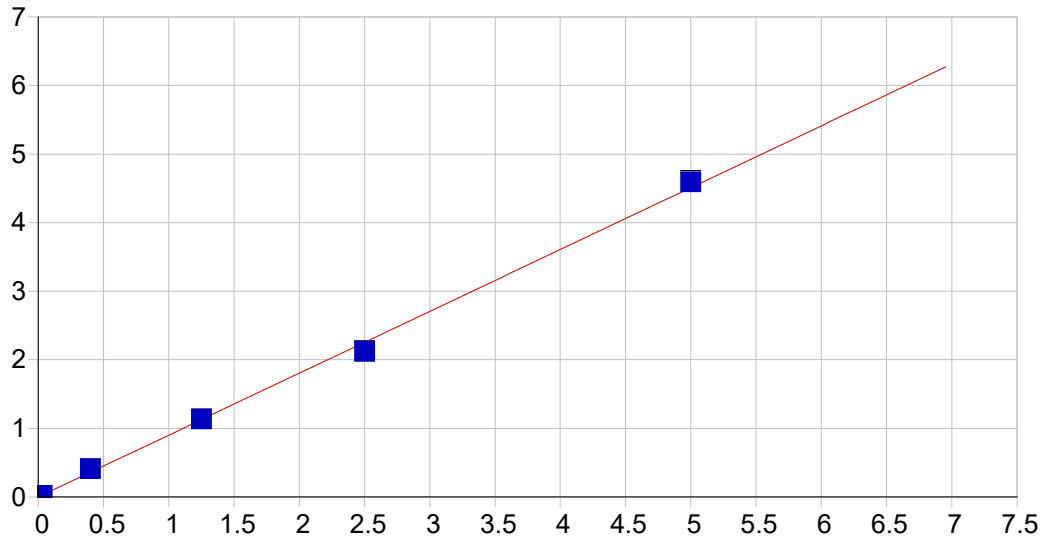
Cr 267.716 {126}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000034	Re-Slope:	1.000000
A1 (Gain):	0.230710	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998983	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.000384		
Predicted MQL:	0.001280		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.00937	-.001	-6.29	.00213	.000	1
S3	.50000	.52079	.021	4.16	.12015	.000	1
S4	1.0000	.95944	-.041	-4.06	.22139	.001	1
S5	2.0000	1.9924	-.008	-.380	.45977	.001	1
S2	.16000	.18800	.028	17.5	.04335	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



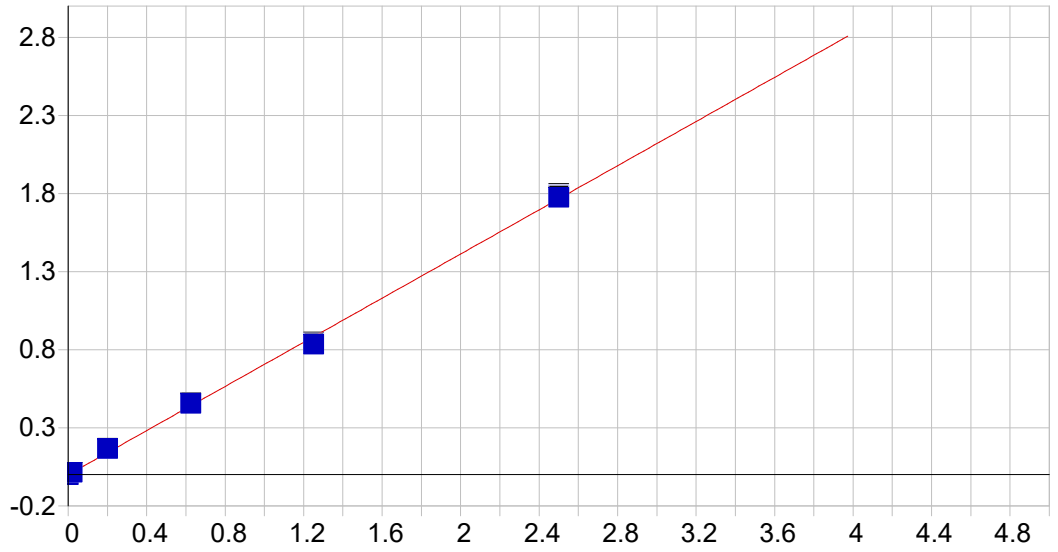
Co 228.616 {448}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000201	Re-Slope:	1.000000
A1 (Gain):	0.901894	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999012	Status:	OK.
Std Error of Est:	0.000816		
Predicted MDL:	0.000218		
Predicted MQL:	0.000727		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.03000	.02862	-.001	-4.60	.02590	.000	1
S3	1.2500	1.2579	.008	.632	1.1366	.004	1
S4	2.5000	2.3494	-.151	-6.02	2.1229	.008	1
S5	5.0000	5.0896	.090	1.79	4.5981	.017	1
S2	.40000	.45450	.054	13.6	.41072	.002	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



Cu 224.700 {450}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000608	Re-Slope:	1.000000
A1 (Gain):	0.706727	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998845	Status:	OK.
Std Error of Est:	0.000403		
Predicted MDL:	0.000440		
Predicted MQL:	0.001465		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00061	.000	1
S1	.02000	.02146	.001	7.29	.01474	.000	1
S3	.62500	.64411	.019	3.06	.45881	.002	1
S4	1.2500	1.1818	-.068	-5.45	.84305	.005	1
S5	2.5000	2.5119	.012	.475	1.7914	.009	1
S2	.20000	.23571	.036	17.9	.16732	.001	1

Reviewed By:Jaswal
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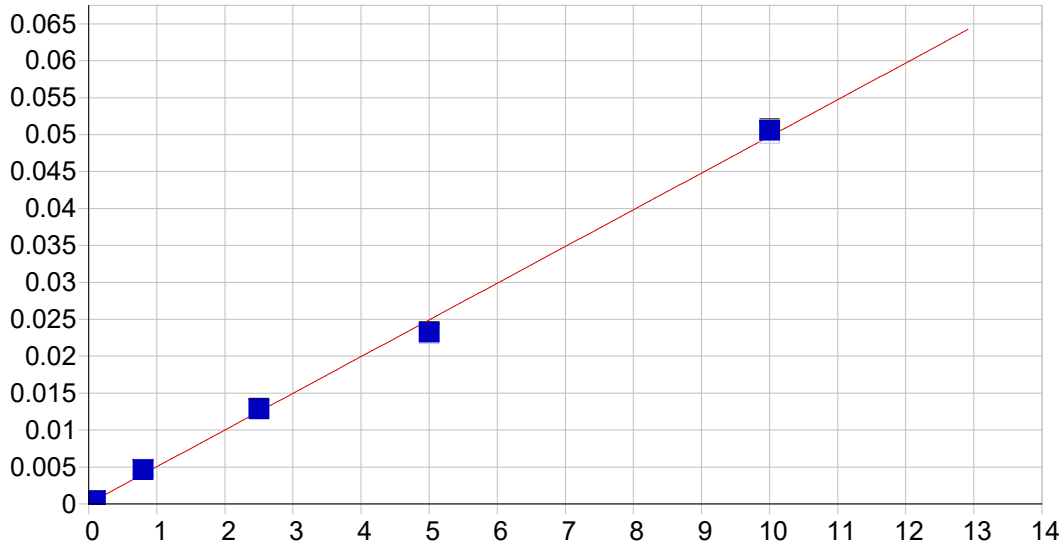


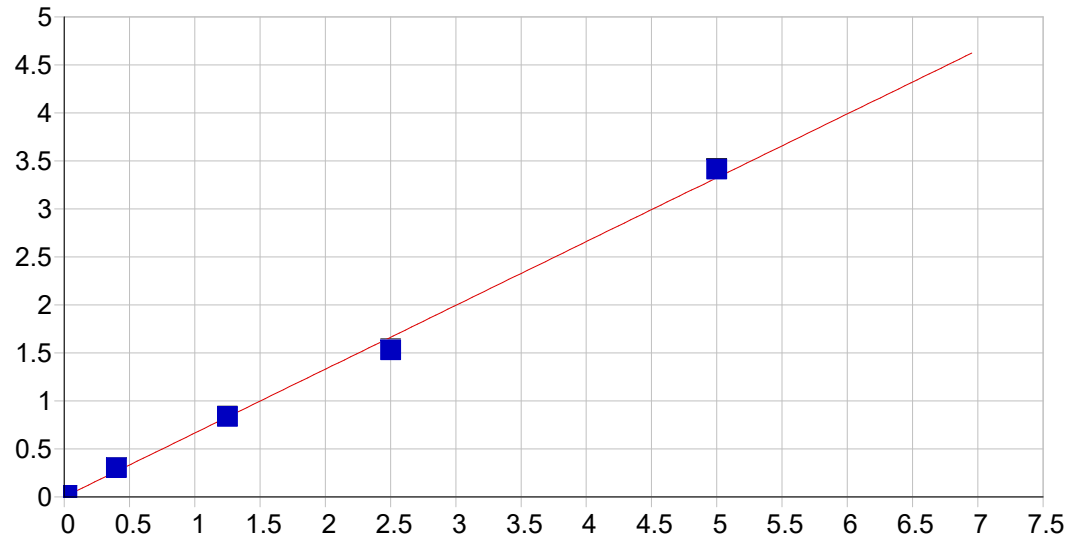
Fe 240.488 {140}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000062	Re-Slope:	1.000000
A1 (Gain):	0.004969	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998562	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.005560		
Predicted MQL:	0.018534		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00006	.000	1
S1	.10000	.07665	-.023	-23.3	.00044	.000	1
S3	2.5000	2.5735	.074	2.94	.01275	.000	1
S4	5.0000	4.6623	-.338	-6.75	.02302	.000	1
S5	10.000	10.164	.164	1.64	.05015	.000	1
S2	.80000	.92339	.123	15.4	.00462	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



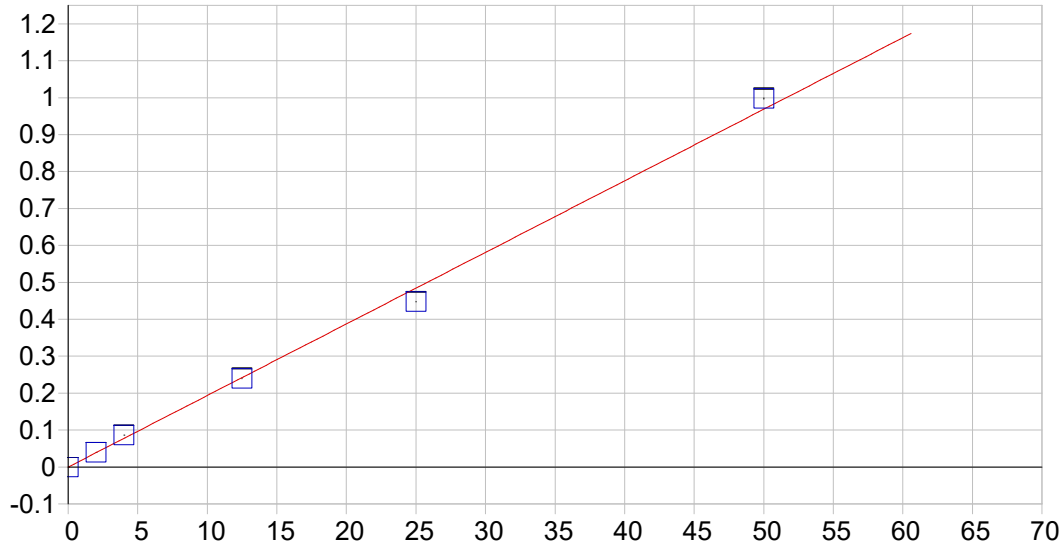
Mn 257.610 {131}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000370	Re-Slope:	1.000000
A1 (Gain):	0.664852	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998521	Status:	OK.
Std Error of Est:	0.000600		
Predicted MDL:	0.000358		
Predicted MQL:	0.001195		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.02000	.01976	-.000	-1.18	.01352	.000	1
S3	1.2500	1.2588	.009	.705	.83746	.002	1
S4	2.5000	2.3029	-.197	-7.89	1.5318	.008	1
S5	5.0000	5.1316	.132	2.63	3.4128	.007	1
S2	.40000	.45698	.057	14.2	.30425	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



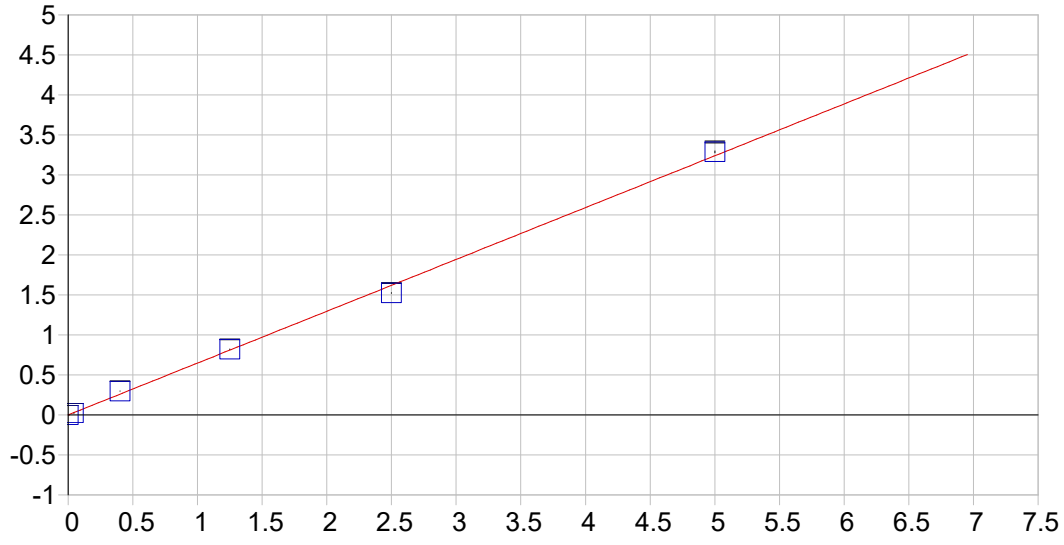
Mg 279.079 {121}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000204	Re-Slope:	1.000000
A1 (Gain):	0.019376	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998693	Status:	OK.
Std Error of Est:	0.000525		
Predicted MDL:	0.013518		
Predicted MQL:	0.045061		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	-.00021	.000	1
S2	4.0000	4.4612	.461	11.5	.08624	.000	1
S3	12.500	12.392	-.108	-.863	.23991	.001	1
S4	25.000	23.099	-1.90	-7.60	.44738	.001	1
S5	50.000	51.502	1.50	3.00	.99770	.002	1
S1	2.0000	2.0457	.046	2.28	.03943	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



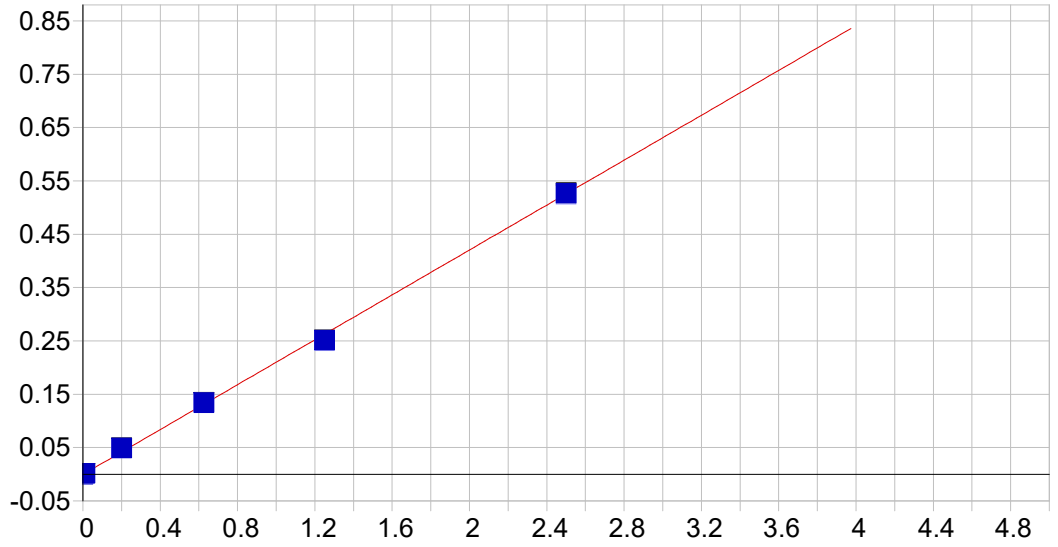
Ni 231.604 {446}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000150	Re-Slope:	1.000000
A1 (Gain):	0.647790	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998972	Status:	OK.
Std Error of Est:	0.000690		
Predicted MDL:	0.000339		
Predicted MQL:	0.001129		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.04000	.03828	-.002	-4.29	.02495	.000	1
S3	1.2500	1.2654	.015	1.23	.81983	.003	1
S4	2.5000	2.3518	-.148	-5.93	1.5236	.005	1
S5	5.0000	5.0755	.075	1.51	3.2880	.010	1
S2	.40000	.45911	.059	14.8	.29756	.002	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



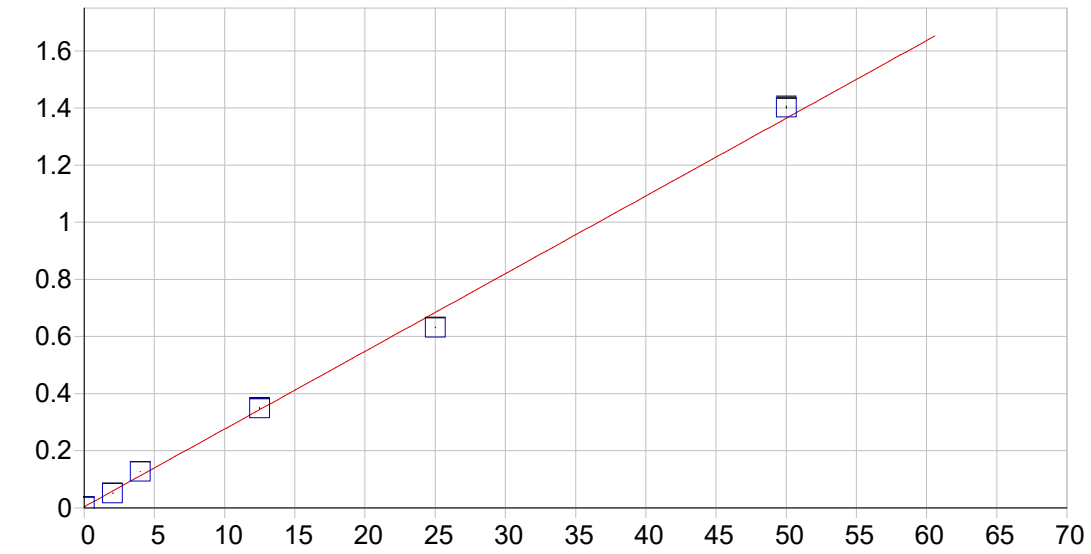
Ag 328.068 {103}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000480	Re-Slope:	1.000000
A1 (Gain):	0.210475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999025	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.000554		
Predicted MQL:	0.001846		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.01000	.00963	-.000	-3.75	.00153	.000	1
S3	.62500	.64090	.016	2.54	.13389	.000	1
S4	1.2500	1.1960	-.054	-4.32	.25020	.001	1
S5	2.5000	2.5035	.004	.140	.52436	.001	1
S2	.20000	.23499	.035	17.5	.04881	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



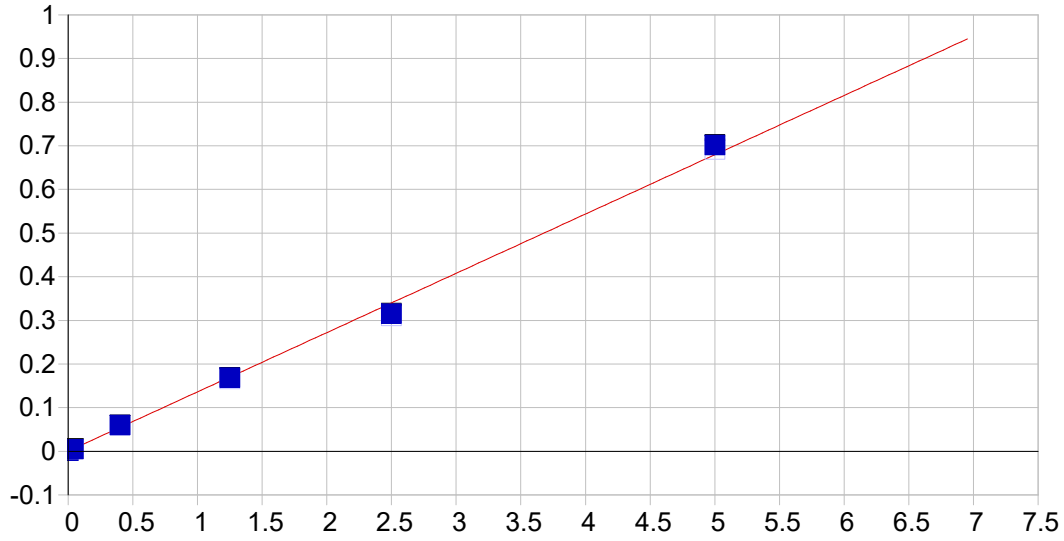
Na 589.592 { 57}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004102	Re-Slope:	1.000000
A1 (Gain):	0.027201	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998420	Status:	OK.
Std Error of Est:	0.000810		
Predicted MDL:	0.007726		
Predicted MQL:	0.025754		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00410	.000	1
S2	4.0000	4.5345	.535	13.4	.12744	.001	1
S3	12.500	12.711	.211	1.69	.34986	.002	1
S4	25.000	23.068	-1.93	-7.73	.63156	.001	1
S5	50.000	51.434	1.43	2.87	1.4031	.004	1
S1	2.0000	1.7526	-.247	-12.4	.05177	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



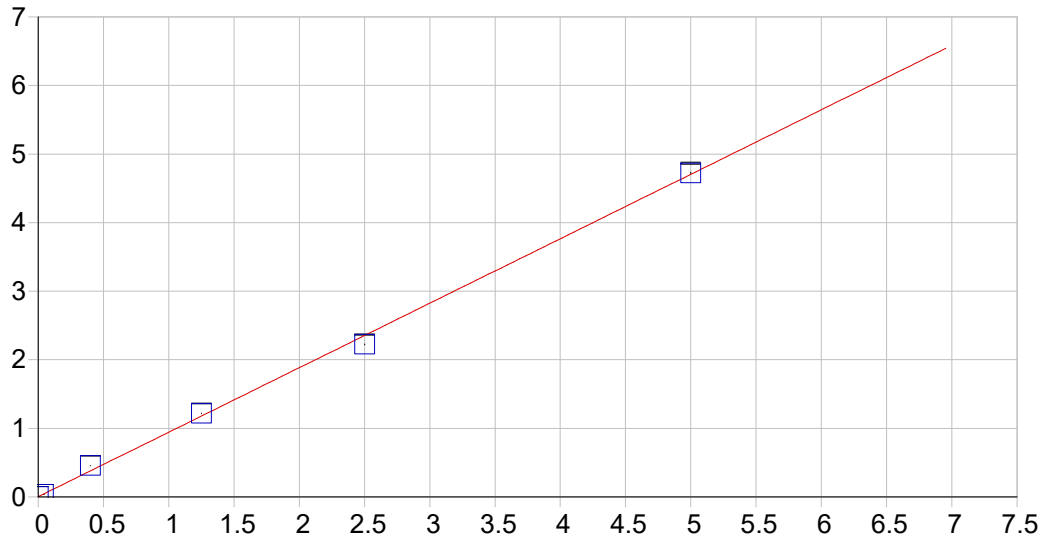
V 292.402 {115}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000207	Re-Slope:	1.000000
A1 (Gain):	0.135872	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998731	Status:	OK.
Std Error of Est:	0.000158		
Predicted MDL:	0.001971		
Predicted MQL:	0.006568		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.04000	.03651	-.003	-8.73	.00496	.000	1
S3	1.2500	1.2364	-.014	-1.09	.16572	.001	1
S4	2.5000	2.3175	-.182	-7.30	.31014	.001	1
S5	5.0000	5.1608	.161	3.22	.69150	.001	1
S2	.40000	.43871	.039	9.68	.05902	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



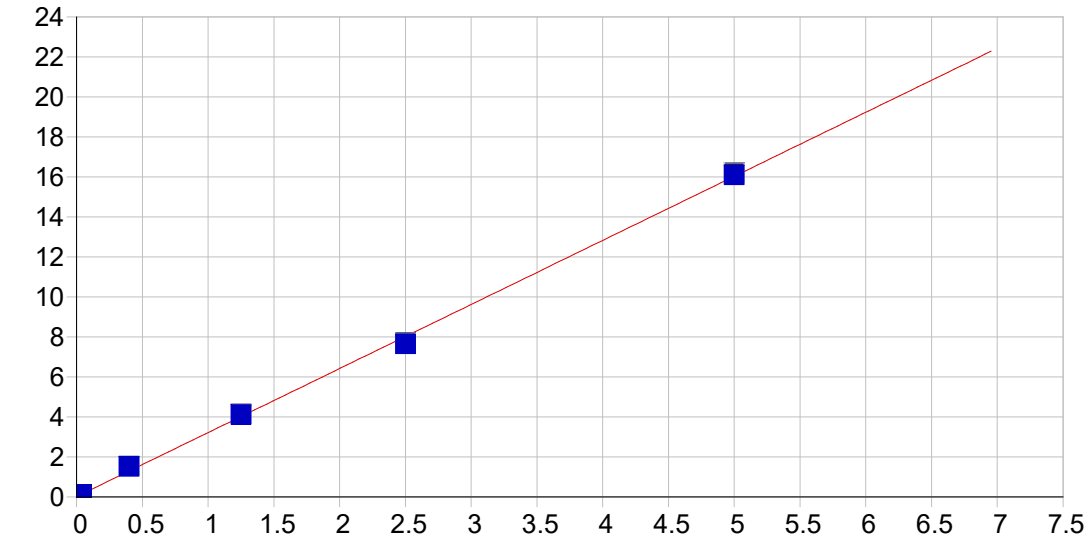
Zn 206.200 {464}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003534	Re-Slope:	1.000000
A1 (Gain):	0.940267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998626	Status:	OK.
Std Error of Est:	0.001158		
Predicted MDL:	0.000203		
Predicted MQL:	0.000676		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00353	.000	1
S1	.04000	.03799	-.002	-5.03	.03925	.000	1
S3	1.2500	1.2910	.041	3.28	1.2174	.004	1
S4	2.5000	2.3622	-.138	-5.51	2.2246	.008	1
S5	5.0000	5.0184	.018	.368	4.7222	.013	1
S2	.40000	.48045	.080	20.1	.45528	.002	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



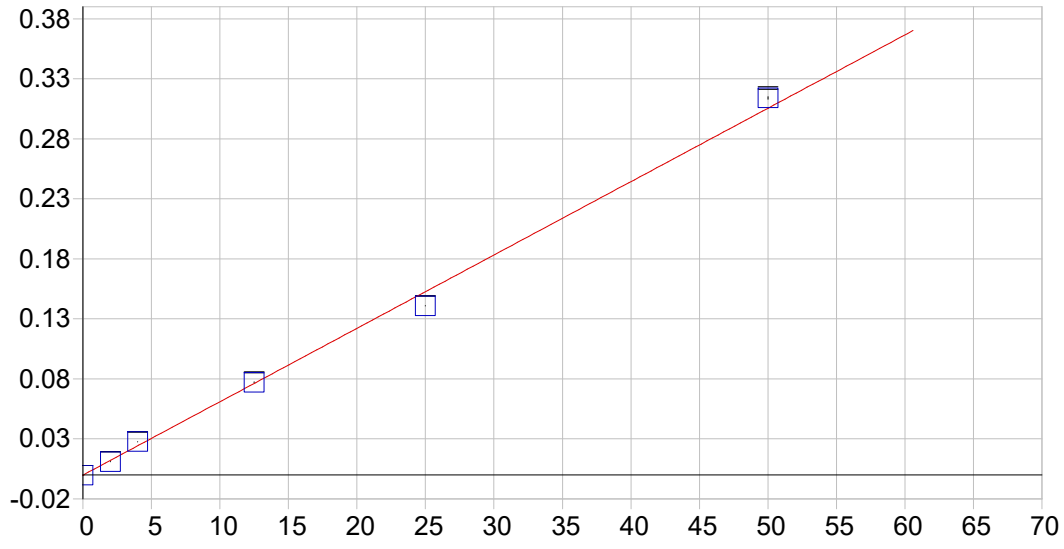
Zn 213.856 {158}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012674	Re-Slope:	1.000000
A1 (Gain):	3.203186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998986	Status:	OK.
Std Error of Est:	0.003411		
Predicted MDL:	0.000252		
Predicted MQL:	0.000840		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01267	.001	1
S1	.04000	.03611	-.004	-9.74	.12922	.002	1
S3	1.2500	1.2791	.029	2.33	4.1377	.006	1
S4	2.5000	2.3837	-.116	-4.65	7.7038	.011	1
S5	5.0000	5.0208	.021	.415	16.207	.018	1
S2	.40000	.47033	.070	17.6	1.5281	.007	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



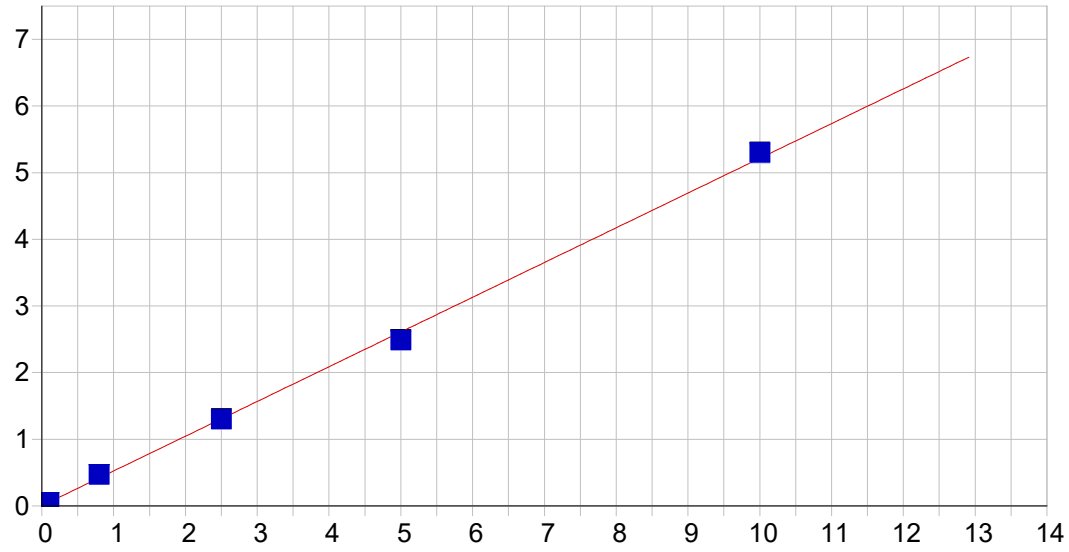
K 766.490 { 44}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000168	Re-Slope:	1.000000
A1 (Gain):	0.006112	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998518	Status:	OK.
Std Error of Est:	0.000176		
Predicted MDL:	0.037828		
Predicted MQL:	0.126092		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00017	.000	1
S2	4.0000	4.5418	.542	13.5	.02759	.000	1
S3	12.500	12.645	.145	1.16	.07712	.000	1
S4	25.000	23.073	-1.93	-7.71	.14086	.000	1
S5	50.000	51.409	1.41	2.82	.31405	.001	1
S1	2.0000	1.8313	-.169	-8.44	.01103	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



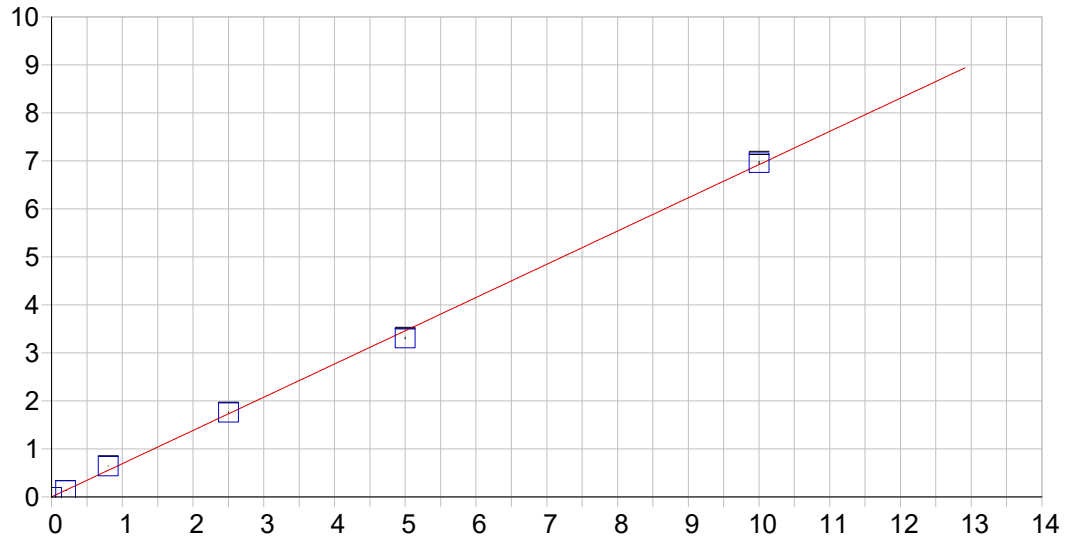
B 249.678 {135}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003446	Re-Slope:	1.000000
A1 (Gain):	0.521201	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999333	Status:	OK.
Std Error of Est:	0.000998		
Predicted MDL:	0.000684		
Predicted MQL:	0.002279		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00344	.000	1
S1	.10000	.09779	-.002	-2.21	.05419	.001	1
S3	2.5000	2.4862	-.014	-.553	1.2967	.009	1
S4	5.0000	4.7638	-.236	-4.72	2.4812	.008	1
S5	10.000	10.160	.160	1.60	5.2887	.014	1
S2	.80000	.89225	.092	11.5	.46767	.003	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



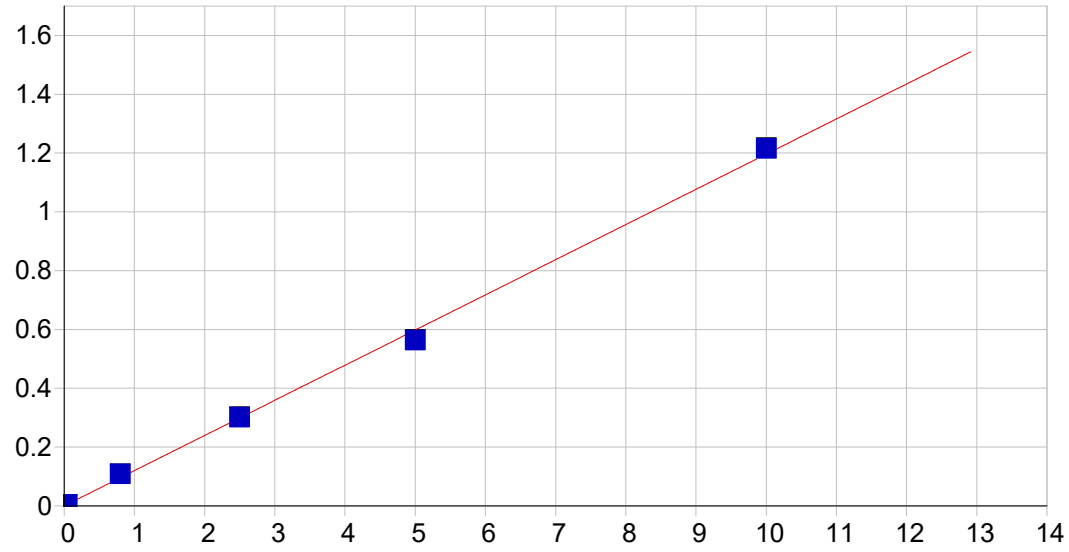
Mo 202.030 {467}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000460	Re-Slope:	1.000000
A1 (Gain):	0.692120	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999146	Status:	OK.
Std Error of Est:	0.002131		
Predicted MDL:	0.000289		
Predicted MQL:	0.000964		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00044	.000	1
S1	.20000	.19362	-.006	-3.19	.13447	.001	1
S3	2.5000	2.5448	.045	1.79	1.7618	.006	1
S4	5.0000	4.7800	-.220	-4.40	3.3088	.017	1
S5	10.000	10.053	.053	.529	6.9583	.032	1
S2	.80000	.92862	.129	16.1	.64317	.003	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



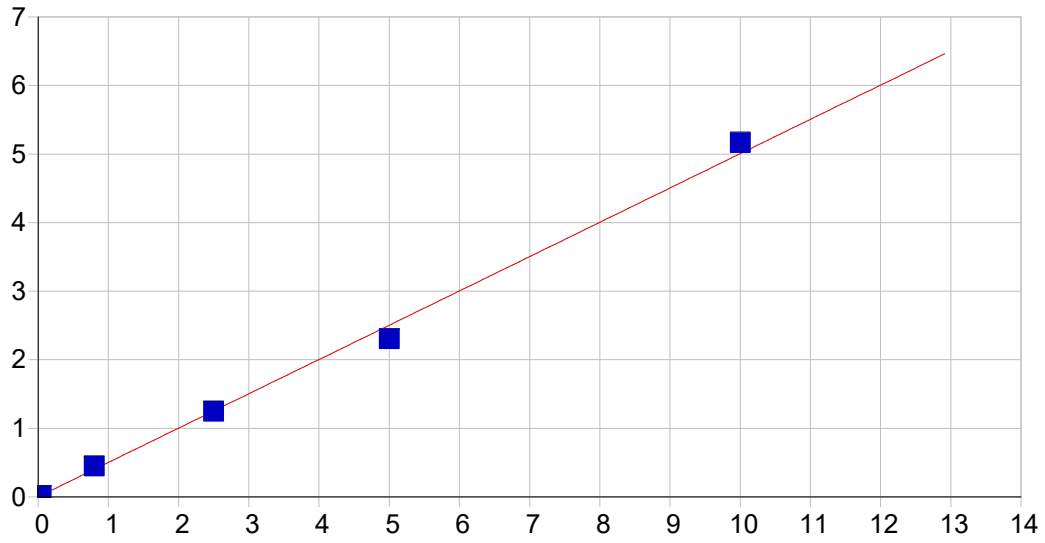
Sn 189.989 {478}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000267	Re-Slope:	1.000000
A1 (Gain):	0.119586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999073	Status:	OK.
Std Error of Est:	0.000171		
Predicted MDL:	0.000836		
Predicted MQL:	0.002788		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.04000	.03798	-.002	-5.05	.00480	.000	1
S3	2.5000	2.5231	.023	.924	.30169	.001	1
S4	5.0000	4.7103	-.290	-5.79	.56294	.002	1
S5	10.000	10.162	.162	1.62	1.2143	.002	1
S2	.80000	.90682	.107	13.4	.10861	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



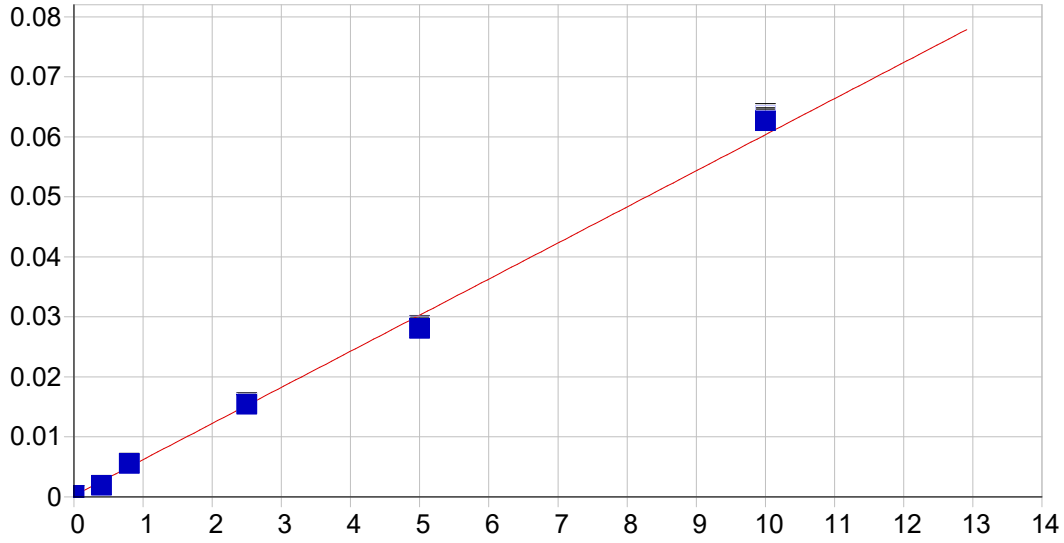
Ti 336.121 {100}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002386	Re-Slope:	1.000000
A1 (Gain):	0.500256	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998544	Status:	OK.
Std Error of Est:	0.000896		
Predicted MDL:	0.000783		
Predicted MQL:	0.002609		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00239	.000	1
S1	.04000	.03805	-.002	-4.87	.02141	.000	1
S3	2.5000	2.4858	-.014	-.568	1.2455	.003	1
S4	5.0000	4.6003	-.400	-7.99	2.3028	.004	1
S5	10.000	10.322	.322	3.22	5.1643	.008	1
S2	.80000	.89370	.094	11.7	.44932	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



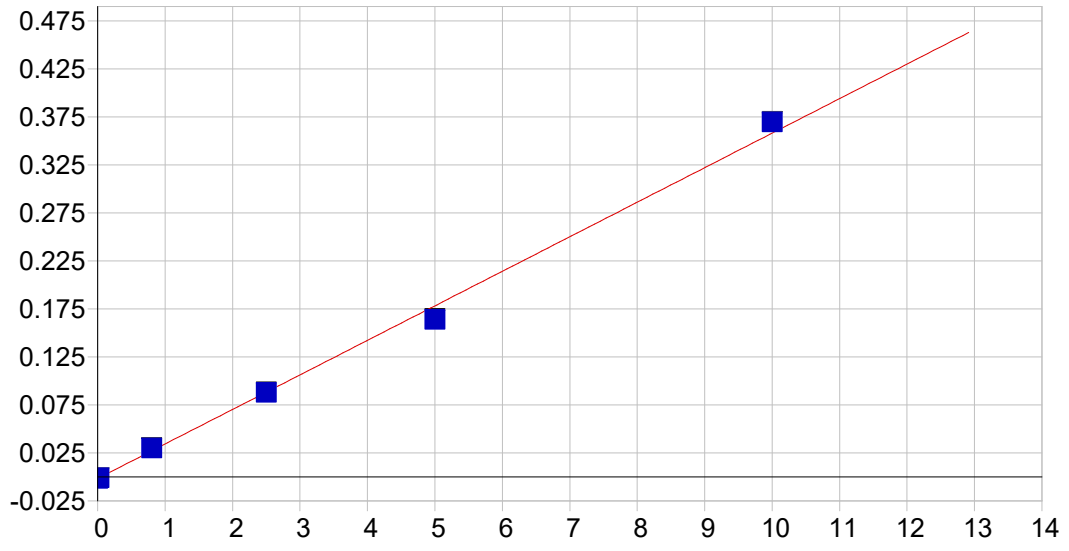
Si 288.158 {117}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000209	Re-Slope:	1.000000
A1 (Gain):	0.006014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997737	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.008193		
Predicted MQL:	0.027308		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00021	.000	1
S1	.40000	.28011	-.120	-30.0	.00190	.000	1
S3	2.5000	2.5276	.028	1.10	.01563	.000	1
S4	5.0000	4.6263	-.374	-7.47	.02848	.000	1
S5	10.000	10.381	.381	3.81	.06354	.000	1
S2	.80000	.88342	.083	10.4	.00559	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



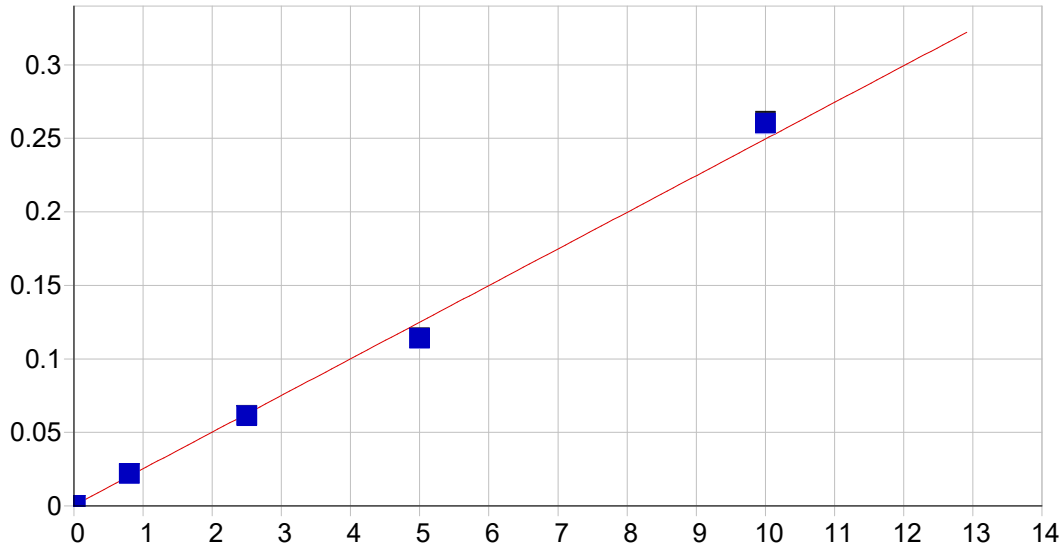
P 177.495 {490}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001694	Re-Slope:	1.000000
A1 (Gain):	0.035978	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998619	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.002614		
Predicted MQL:	0.008714		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00169	.000	1
S1	.02000	.01971	-.000	-1.44	-.00098	.000	1
S3	2.5000	2.4907	-.009	-.372	.08790	.000	1
S4	5.0000	4.6038	-.396	-7.92	.16391	.001	1
S5	10.000	10.321	.321	3.21	.36958	.001	1
S2	.80000	.88454	.085	10.6	.03013	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



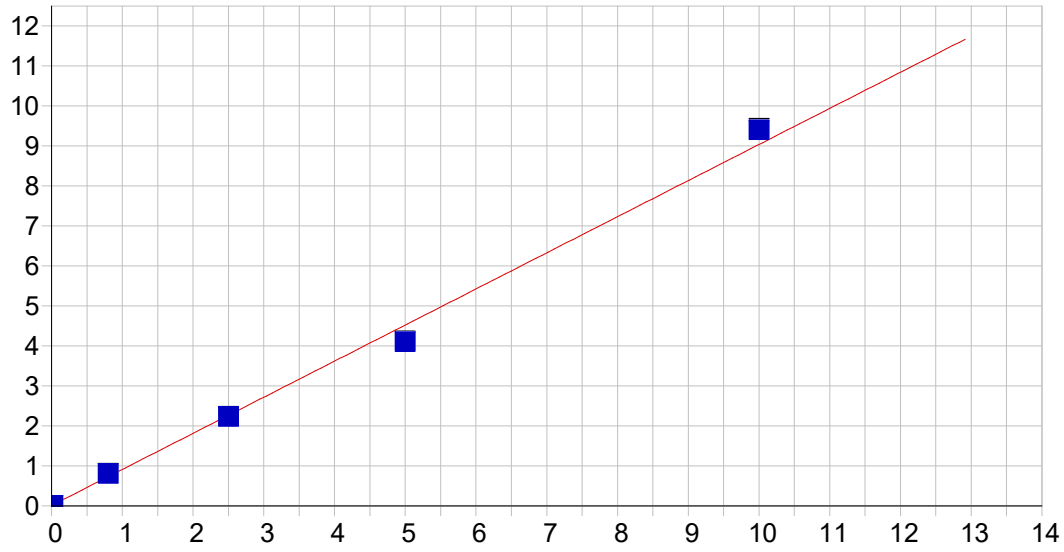
S 182.034 {485}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000348	Re-Slope:	1.000000
A1 (Gain):	0.024919	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998199	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.003650		
Predicted MQL:	0.012166		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00035	.000	1
S1	.02000	.01428	-.006	-28.6	.00068	.000	1
S3	2.5000	2.4462	-.054	-2.15	.06114	.000	1
S4	5.0000	4.5592	-.441	-8.82	.11364	.000	1
S5	10.000	10.436	.436	4.36	.25976	.001	1
S2	.80000	.86422	.064	8.03	.02183	.000	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



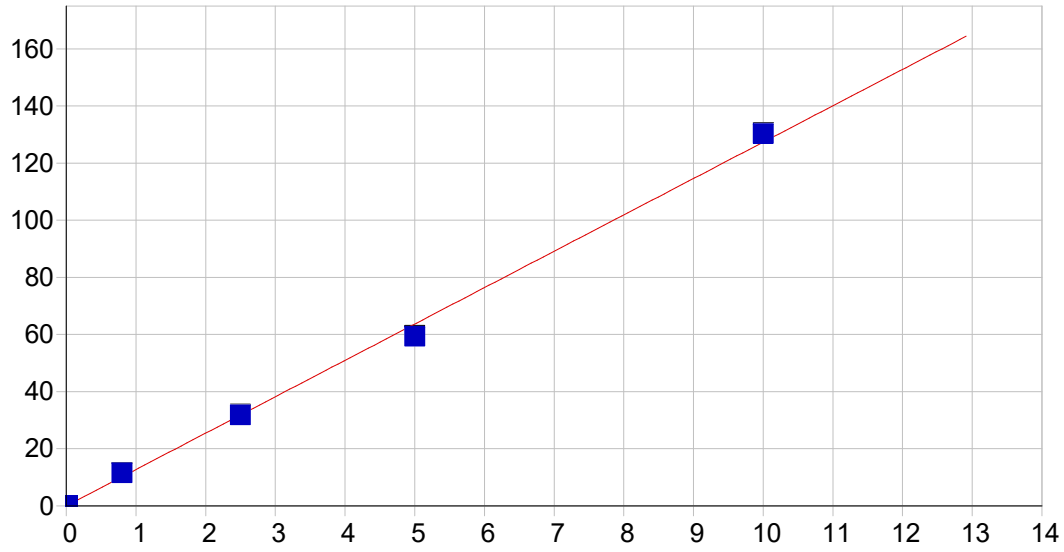
Li 670.784 { 50}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008387	Re-Slope:	1.000000
A1 (Gain):	0.902989	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998127	Status:	OK.
Std Error of Est:	0.001298		
Predicted MDL:	0.001251		
Predicted MQL:	0.004170		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00839	.001	1
S5	10.000	10.407	.407	4.07	9.4138	.026	1
S4	5.0000	4.5408	-.459	-9.18	4.1127	.010	1
S3	2.5000	2.4651	-.035	-1.40	2.2363	.002	1
S1	.02000	.01925	-.001	-3.73	.02610	.000	1
S2	.80000	.88803	.088	11.0	.81092	.001	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493



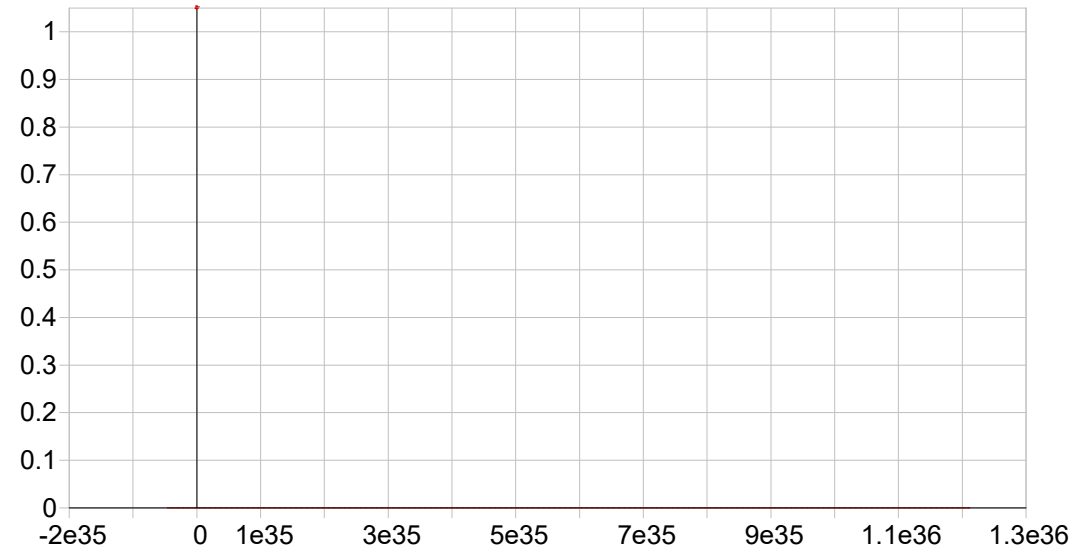
Sr 407.771 { 83}

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005354	Re-Slope:	1.000000
A1 (Gain):	12.734914	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998817	Status:	OK.
Std Error of Est:	0.014539		
Predicted MDL:	0.000053		
Predicted MQL:	0.000175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00535	.000	1
S1	.02000	.01875	-.001	-6.23	.24546	.000	1
S3	2.5000	2.5003	.000	.011	31.878	.250	1
S4	5.0000	4.6580	-.342	-6.84	59.388	.352	1
S5	10.000	10.235	.235	2.35	130.48	.323	1
S2	.80000	.90766	.108	13.5	11.575	.003	1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

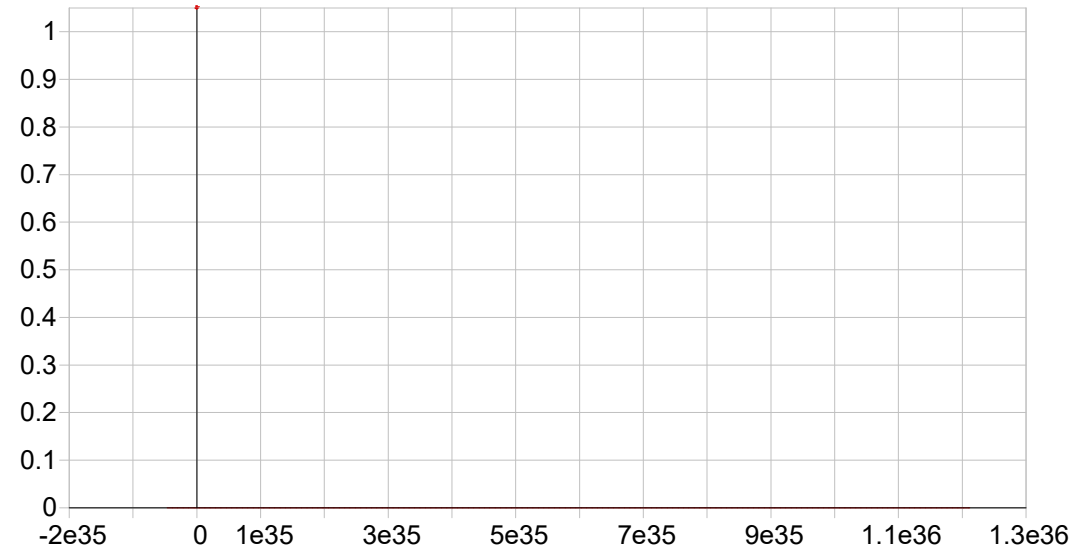


Y 224.306 {450}*

Date of Fit:	1/30/2025 11:46:34	Type of Fit:	Linear	Weighting:	1/Conc

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

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



Y 360.073 { 94}*

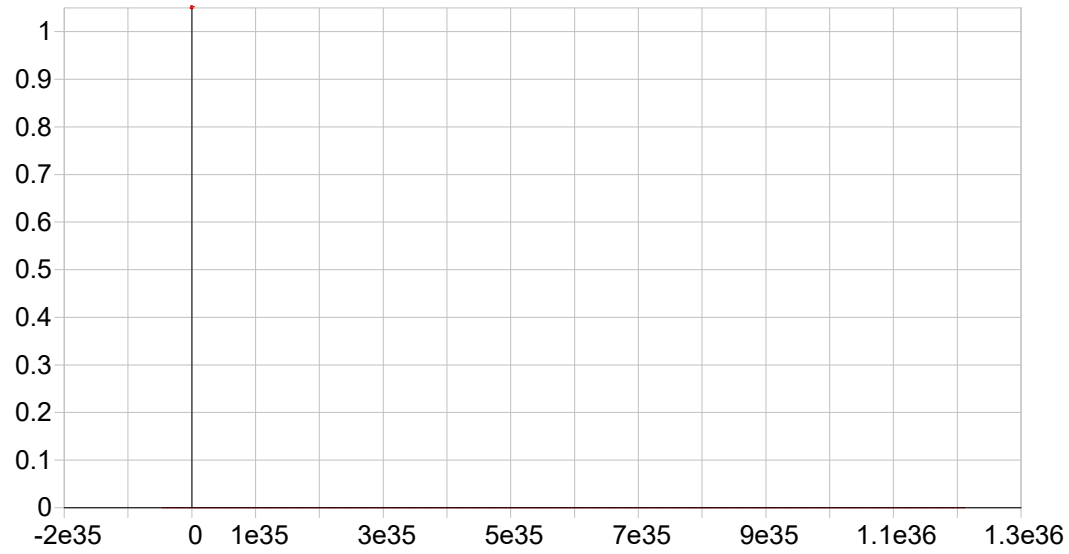
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

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

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



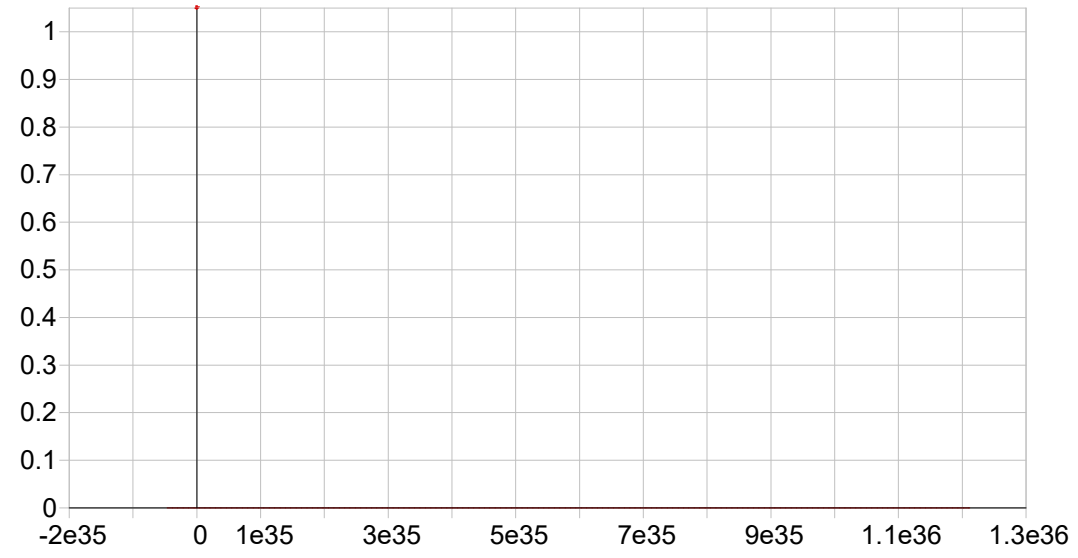
Y 371.030 { 91}*

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

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

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

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

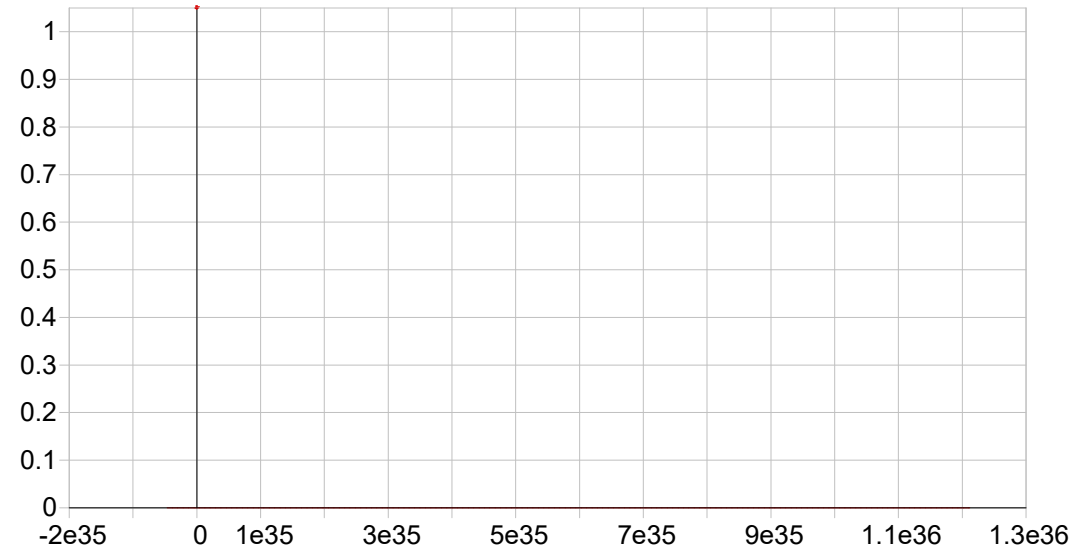


Y 224.306 {150}*

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

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

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



In 230.606 {446}*

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

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

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

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

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S0 Acquired: 1/30/2025 11:07:59 Type: Cal
Method: NON EPA-6010-200.7(v2642) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00010	-.00008	-.00006	.00038	.00078	.00091	.05685	-.00009
Stddev	.00017	.00010	.00011	.00005	.00017	.00084	.00164	.00020
%RSD	168.06	133.00	162.10	14.260	21.262	92.381	2.8865	216.75
#1	-.00001	-.00017	.00005	.00042	.00071	.00180	.05585	-.00009
#2	.00001	.00003	-.00015	.00032	.00097	.00083	.05875	-.00030
#3	-.00029	-.00008	-.00010	.00039	.00066	.00012	.05596	.00011

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	.00066	.00165	-.00003	.00020	-.00061	.00006	.00037	-.00021
Stddev	.00030	.00100	.00005	.00012	.00021	.00002	.00017	.00012
%RSD	45.847	60.235	146.19	60.158	35.071	27.196	46.079	59.174
#1	.00101	.00278	.00001	.00031	-.00085	.00006	.00056	-.00010
#2	.00050	.00129	-.00003	.00021	-.00055	.00005	.00023	-.00019
#3	.00047	.00089	-.00009	.00007	-.00044	.00008	.00032	-.00034

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	.00015	-.00048	.00410	.00021	.01267	-.00017	.00344	.00044
Stddev	.00015	.00004	.00030	.00033	.00061	.00015	.00039	.00013
%RSD	103.68	8.9450	7.2703	158.71	4.8467	90.246	11.335	29.068
#1	.00008	-.00053	.00384	.00048	.01302	-.00033	.00389	.00032
#2	.00032	-.00047	.00405	-.00016	.01196	-.00015	.00322	.00057
#3	.00004	-.00044	.00443	.00031	.01302	-.00002	.00322	.00044

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	.00239	.00021	-.00169	.00035	.00839	.00535
Stddev	.00002	.00016	.00001	.00003	.00007	.00061	.00023
%RSD	7.5498	6.6066	2.4748	1.5694	21.085	7.2419	4.3204
#1	.00028	.00238	.00021	-.00169	.00038	.00770	.00509
#2	.00025	.00223	.00021	-.00172	.00026	.00885	.00555
#3	.00027	.00255	.00021	-.00167	.00040	.00861	.00540

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S0 Acquired: 1/30/2025 11:07:59 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	3084.6	60108.	10327.	2243.2	4533.1
Stddev	7.3	96.	53.	10.6	15.0
%RSD	.23771	.15949	.51500	.47269	.33046
#1	3086.9	60100.	10387.	2237.1	4539.0
#2	3090.6	60017.	10307.	2237.1	4544.3
#3	3076.5	60208.	10286.	2255.5	4516.1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S1 Acquired: 1/30/2025 11:12:23 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	.00092	.00238	.00258	.00177	.00840	.00795	.32286	.03005
Stddev	.00008	.00013	.00009	.00008	.00008	.00051	.00090	.00017
%RSD	9.1787	5.4789	3.6175	4.5257	.98484	6.4762	.27832	.58214
#1	.00086	.00251	.00261	.00185	.00838	.00834	.32390	.02985
#2	.00102	.00225	.00248	.00177	.00833	.00737	.32237	.03017
#3	.00089	.00239	.00266	.00169	.00849	.00814	.32232	.03014

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	.01411	.11612	.00213	.02590	.01474	.00044	.01352	.03943
Stddev	.00019	.00020	.00002	.00015	.00026	.00002	.00037	.00015
%RSD	1.3525	.17558	.91084	.58259	1.7708	5.1701	2.7414	.39179
#1	.01417	.11635	.00212	.02577	.01502	.00041	.01378	.03959
#2	.01389	.11599	.00212	.02586	.01451	.00044	.01309	.03928
#3	.01425	.11601	.00215	.02607	.01468	.00046	.01368	.03942

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	.02495	.00153	.05177	.00496	.12922	.01103	.05419	.13447
Stddev	.00003	.00008	.00028	.00028	.00158	.00017	.00052	.00086
%RSD	.11925	5.4188	.53321	5.7213	1.2224	1.5585	.96618	.63831
#1	.02492	.00161	.05189	.00469	.12824	.01120	.05406	.13392
#2	.02495	.00153	.05146	.00526	.12838	.01101	.05477	.13403
#3	.02498	.00145	.05197	.00495	.13105	.01086	.05375	.13546

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	.00480	.02141	.00190	-.00098	.00068	.02610	.24546
Stddev	.00002	.00022	.00002	.00004	.00004	.00037	.00027
%RSD	.51459	1.0395	1.0732	4.2109	5.2656	1.4125	.11117
#1	.00482	.02166	.00191	-.00095	.00066	.02573	.24574
#2	.00478	.02126	.00187	-.00103	.00072	.02610	.24520
#3	.00482	.02130	.00191	-.00097	.00067	.02646	.24543

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S1 Acquired: 1/30/2025 11:12:23 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	3056.8	62585.	10277.	2261.5	4470.6
Stddev	12.5	244.	53.	18.8	12.8
%RSD	.40981	.39051	.51966	.83081	.28595
#1	3062.0	62612.	10335.	2268.2	4475.9
#2	3065.8	62815.	10229.	2276.0	4479.9
#3	3042.5	62328.	10268.	2240.3	4456.1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S2 Acquired: 1/30/2025 11:16:47 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	.04698	.05929	.22442	.06967	.15504	.13529	5.0597	.23674
Stddev	.00036	.00021	.00088	.00047	.00070	.00073	.0029	.00132
%RSD	.77689	.36020	.39136	.66842	.45300	.53913	.05733	.55756
#1	.04661	.05906	.22412	.06917	.15431	.13477	5.0574	.23815
#2	.04697	.05947	.22373	.06975	.15510	.13612	5.0630	.23552
#3	.04734	.05936	.22541	.07009	.15571	.13497	5.0587	.23656

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	1.0828	.27419	.04335	.41072	.16732	.00462	.30425	.08624
Stddev	.0062	.00068	.00006	.00235	.00081	.00002	.00037	.00026
%RSD	.57119	.24855	.13781	.57324	.48328	.52044	.12078	.30465
#1	1.0778	.27444	.04341	.40913	.16649	.00464	.30396	.08635
#2	1.0810	.27341	.04334	.40961	.16735	.00463	.30466	.08594
#3	1.0897	.27470	.04329	.41343	.16811	.00459	.30412	.08643

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	.29756	.04881	.12744	.05902	1.5281	.02759	.46767	.64317
Stddev	.00173	.00004	.00054	.00014	.0066	.00016	.00254	.00268
%RSD	.58233	.07625	.42051	.23360	.43442	.57682	.54336	.41624
#1	.29586	.04877	.12684	.05889	1.5288	.02742	.47050	.64029
#2	.29749	.04885	.12788	.05917	1.5212	.02763	.46559	.64365
#3	.29932	.04881	.12761	.05901	1.5345	.02773	.46692	.64558

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	.10861	.44932	.00559	.03013	.02183	.81092	11.575
Stddev	.00059	.00077	.00002	.00010	.00020	.00138	.003
%RSD	.54613	.17184	.38986	.31946	.89753	.17047	.02948
#1	.10824	.44938	.00557	.03002	.02163	.81007	11.576
#2	.10830	.45006	.00560	.03014	.02183	.81251	11.577
#3	.10930	.44852	.00561	.03021	.02203	.81016	11.571

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S2 Acquired: 1/30/2025 11:16:47 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	3002.7	58137.	10365.	2107.7	4383.1
Stddev	16.8	252.	12.	4.8	23.5
%RSD	.55995	.43383	.11814	.22910	.53599
#1	3019.8	58426.	10357.	2109.7	4402.1
#2	3002.0	58024.	10379.	2111.3	4390.5
#3	2986.2	57961.	10359.	2102.2	4356.8

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S3 Acquired: 1/30/2025 11:20:56 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	.13081	.16127	.62292	.19339	.42958	.37845	14.046	.65878
Stddev	.00047	.00110	.00276	.00079	.00115	.00079	.014	.00383
%RSD	.35890	.68005	.44325	.41001	.26758	.20940	.09839	.58185
#1	.13087	.16170	.62127	.19272	.42902	.37874	14.054	.66264
#2	.13031	.16002	.62137	.19317	.42881	.37906	14.054	.65872
#3	.13125	.16208	.62610	.19427	.43090	.37755	14.030	.65497

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	3.0111	.74643	.12015	1.1366	.45881	.01275	.83746	.23991
Stddev	.0081	.00179	.00019	.0040	.00200	.00009	.00216	.00126
%RSD	.26962	.24020	.15986	.34809	.43668	.69972	.25779	.52684
#1	3.0033	.74749	.11994	1.1335	.45790	.01267	.83987	.24031
#2	3.0105	.74743	.12022	1.1352	.45743	.01272	.83680	.24092
#3	3.0195	.74436	.12030	1.1411	.46111	.01285	.83571	.23849

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	.81983	.13389	.34986	.16572	4.1377	.07712	1.2967	1.7618
Stddev	.00269	.00012	.00246	.00064	.0056	.00037	.0085	.0060
%RSD	.32822	.08770	.70273	.38668	.13514	.48390	.65632	.34242
#1	.81812	.13392	.34803	.16630	4.1395	.07669	1.3025	1.7596
#2	.81844	.13399	.34889	.16583	4.1421	.07729	1.3007	1.7571
#3	.82293	.13376	.35265	.16503	4.1314	.07738	1.2869	1.7686

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	.30169	1.2455	.01563	.08790	.06114	2.2363	31.878
Stddev	.00094	.0034	.00008	.00044	.00019	.0020	.250
%RSD	.31064	.27308	.53716	.49777	.31527	.09076	.78554
#1	.30070	1.2468	.01556	.08752	.06114	2.2355	32.147
#2	.30179	1.2480	.01562	.08780	.06095	2.2387	31.651
#3	.30257	1.2416	.01572	.08838	.06134	2.2349	31.837

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S3 Acquired: 1/30/2025 11:20:56 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	2968.1	57390.	10281.	2062.1	4269.0
Stddev	7.6	59.	77.	1.5	10.5
%RSD	.25661	.10290	.74784	.07061	.24657
#1	2973.7	57371.	10207.	2060.9	4278.2
#2	2971.2	57456.	10275.	2063.7	4271.3
#3	2959.4	57342.	10361.	2061.8	4257.6

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S4 Acquired: 1/30/2025 11:25:05 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	.24334	.30401	1.1549	.35779	.80358	.71121	25.562	1.2496
Stddev	.00108	.00048	.0035	.00203	.00404	.00086	.153	.0043
%RSD	.44224	.15855	.30390	.56634	.50268	.12031	.59671	.34205
#1	.24245	.30456	1.1533	.35660	.80116	.71028	25.694	1.2448
#2	.24304	.30370	1.1525	.35663	.80133	.71138	25.598	1.2531
#3	.24453	.30375	1.1589	.36013	.80824	.71196	25.395	1.2509

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	5.6207	1.3834	.22139	2.1229	.84305	.02302	1.5318	.44738
Stddev	.0187	.0045	.00050	.0078	.00504	.00006	.0076	.00104
%RSD	.33192	.32788	.22732	.36641	.59833	.25829	.49640	.23205
#1	5.6109	1.3783	.22123	2.1180	.83880	.02296	1.5230	.44683
#2	5.6089	1.3871	.22195	2.1188	.84174	.02302	1.5368	.44857
#3	5.6422	1.3848	.22098	2.1319	.84862	.02308	1.5355	.44672

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	1.5236	.25020	.63156	.31014	7.7038	.14086	2.4812	3.3088
Stddev	.0055	.00068	.00097	.00137	.0109	.00019	.0085	.0167
%RSD	.35934	.27059	.15295	.44194	.14186	.13442	.34246	.50406
#1	1.5202	.24983	.63213	.30865	7.7163	.14096	2.4719	3.2986
#2	1.5207	.25098	.63044	.31044	7.6961	.14064	2.4884	3.2997
#3	1.5299	.24979	.63211	.31134	7.6990	.14098	2.4834	3.3281

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	.56294	2.3028	.02848	.16391	.11364	4.1127	59.388
Stddev	.00167	.0044	.00011	.00085	.00042	.0096	.352
%RSD	.29706	.18928	.38093	.51606	.36683	.23310	.59221
#1	.56158	2.2978	.02836	.16315	.11341	4.1030	59.687
#2	.56243	2.3048	.02857	.16377	.11338	4.1131	59.001
#3	.56480	2.3058	.02851	.16482	.11412	4.1222	59.477

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S4 Acquired: 1/30/2025 11:25:05 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	2964.4	56898.	10003.	2021.0	4229.9
Stddev	13.6	140.	32.	9.1	13.8
%RSD	.45858	.24663	.32321	.44944	.32659
#1	2973.6	56940.	10026.	2015.0	4237.5
#2	2970.7	56742.	9966.0	2016.5	4238.2
#3	2948.7	57013.	10016.	2031.4	4213.9

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S5 Acquired: 1/30/2025 11:29:18 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	.53249	.63649	2.4919	.78105	1.7370	1.5843	57.752	2.6581
Stddev	.00249	.00225	.0066	.00425	.0087	.0030	.118	.0050
%RSD	.46834	.35285	.26523	.54436	.50121	.18903	.20506	.18987
#1	.53066	.63765	2.4871	.77798	1.7299	1.5816	57.830	2.6635
#2	.53149	.63390	2.4891	.77925	1.7344	1.5875	57.616	2.6535
#3	.53533	.63792	2.4994	.78590	1.7467	1.5838	57.811	2.6573

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	12.178	3.0586	.45977	4.5981	1.7914	.05015	3.4128	.99770
Stddev	.037	.0015	.00087	.0170	.0090	.00019	.0067	.00155
%RSD	.30602	.05049	.18889	.36939	.50182	.38734	.19673	.15494
#1	12.140	3.0573	.45942	4.5807	1.7823	.04994	3.4097	.99914
#2	12.180	3.0603	.46076	4.5991	1.7917	.05033	3.4082	.99790
#3	12.215	3.0583	.45913	4.6146	1.8003	.05017	3.4205	.99606

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2880	.52436	1.4031	.69150	16.207	.31405	5.2887	6.9583
Stddev	.0102	.00149	.0043	.00143	.018	.00116	.0135	.0323
%RSD	.31009	.28506	.30937	.20657	.11093	.36907	.25547	.46413
#1	3.2774	.52598	1.3985	.69034	16.186	.31271	5.3026	6.9337
#2	3.2887	.52407	1.4071	.69310	16.214	.31464	5.2757	6.9463
#3	3.2978	.52303	1.4038	.69108	16.220	.31479	5.2876	6.9949

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2143	5.1643	.06354	.36958	.25976	9.4138	130.48
Stddev	.0024	.0082	.00035	.00075	.00134	.0261	.32
%RSD	.20207	.15856	.55247	.20257	.51530	.27740	.24789
#1	1.2126	5.1581	.06315	.36895	.25860	9.3966	130.22
#2	1.2131	5.1612	.06365	.36939	.25945	9.4010	130.37
#3	1.2171	5.1736	.06382	.37041	.26122	9.4438	130.84

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: S5 Acquired: 1/30/2025 11:29:18 Type: Cal
Method: NON EPA-6010-200.7(v2642) 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	2762.5	54879.	9491.4	1898.2	3840.6
Stddev	12.1	140.	8.4	7.8	12.4
%RSD	.43774	.25571	.08801	.41169	.32403
#1	2773.4	54949.	9489.6	1906.5	3852.9
#2	2764.5	54718.	9484.1	1891.1	3840.9
#3	2749.5	54971.	9500.5	1897.0	3828.1

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICV01 Acquired: 1/30/2025 11:49:10 Type: Unk
Method: NON EPA-6010-200.7(v2643) 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	1.038641	1.022227	.9998470	1.035430	1.001364	2.347596
Stddev	.005033	.014168	.0028933	.001744	.004486	.002339
%RSD	.4846060	1.385996	.2893735	.1684089	.4479438	.0996446
#1	1.039545	1.036244	.9973184	1.036704	.997544	2.345675
#2	1.033216	1.007912	.9992202	1.033443	1.000246	2.346912
#3	1.043160	1.022525	1.003002	1.036144	1.006303	2.350201

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4701312	.4719891	.5024009	9.281204	.5222635	.5039888
Stddev	.0005947	.0018382	.0011535	.018455	.0004312	.0008724
%RSD	.1264873	.3894528	.2296052	.1988433	.0825722	.1731099
#1	.4704870	.4705901	.5024079	9.264885	.5218466	.5036417
#2	.4704618	.4713062	.5012439	9.301232	.5227078	.5033434
#3	.4694447	.4740710	.5035509	9.277494	.5222363	.5049814

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5234620	9.560774	.5194174	5.449877	.5071629	.2521207
Stddev	.0015617	.019795	.0028797	.017736	.0009346	.0006415
%RSD	.2983343	.2070452	.5544170	.3254417	.1842714	.2544261
#1	.5234648	9.557056	.5171556	5.429477	.5073650	.2522114
#2	.5218989	9.582165	.5226593	5.461649	.5061438	.2514387
#3	.5250223	9.543102	.5184374	5.458504	.5079799	.2527120

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.503469	.4546023	1.007175	9.439926	F 2.221673	2.480742
Stddev	.032099	.0015466	.007380	.069087	.013173	.007010
%RSD	.3377645	.3402109	.7327472	.7318607	.5929488	.2825765
#1	9.529662	.4535571	1.001271	9.478448	2.209133	2.481097
#2	9.513085	.4563790	1.004806	9.481162	2.220487	2.473561
#3	9.467661	.4538709	1.015449	9.360166	2.235400	2.487567

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICV01 Acquired: 1/30/2025 11:49:10 Type: Unk
Method: NON EPA-6010-200.7(v2643) 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	2.400506	F 2.248241	F 1.791569	F .0060555	F -.013065	F -.004678
Stddev	.005702	.005940	.005390	.0016939	.002316	.000621
%RSD	.2375463	.2641887	.3008769	27.97270	17.72294	13.27255
#1	2.401722	2.243340	1.785991	.0041973	-.010515	-.005009
#2	2.394293	2.254846	1.791965	.0064558	-.013644	-.003961
#3	2.405501	2.246536	1.796750	.0075133	-.015036	-.005062

Elem	Sr4077
Units	ppm
Avg	F -.008854
Stddev	.000040
%RSD	.4469803
#1	-.008894
#2	-.008853
#3	-.008815

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.577	57668.79	10635.31	1999.039	4277.889
Stddev	8.686	147.39	31.66	10.347	11.909
%RSD	.2984282	.2555765	.2977129	.5176092	.2783907
#1	2904.061	57688.65	10671.67	2010.306	4266.967
#2	2920.438	57512.49	10620.38	1996.850	4290.586
#3	2907.231	57805.25	10613.87	1989.962	4276.114

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: LLICV01 Acquired: 1/30/2025 11:56:31 Type: Unk
Method: NON EPA-6010-200.7(v2644) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213378	.0390327	.0121909	.0191005	.0495333	.0891648
Stddev	.0008302	.0006763	.0000952	.0009878	.0004164	.0009879
%RSD	3.890657	1.732577	.7805640	5.171513	.8406911	1.107990
#1	.0221381	.0398079	.0122814	.0183106	.0500103	.0882742
#2	.0213947	.0385641	.0121997	.0187828	.0492420	.0902275
#3	.0204807	.0387260	.0120917	.0202080	.0493478	.0889927

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0838542	.0055500	.0055966	1.829647	.0097988	.0287006
Stddev	.0005464	.0000397	.0000770	.009495	.0002132	.0000993
%RSD	.6515770	.7150012	1.376432	.5189376	2.176053	.3458323
#1	.0838175	.0055714	.0056828	1.820689	.0100298	.0286903
#2	.0844181	.0055744	.0055346	1.839600	.0096094	.0288046
#3	.0833272	.0055042	.0055724	1.828652	.0097574	.0286069

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216279	.1058998	.0180437	1.974820	.0386447	.0103864
Stddev	.0002003	.0017230	.0001910	.011105	.0001501	.0001050
%RSD	.9262915	1.627047	1.058736	.5623440	.3885284	1.011121
#1	.0216422	.1041228	.0178402	1.982087	.0385319	.0104116
#2	.0214208	.1075632	.0180715	1.980336	.0385872	.0102711
#3	.0218207	.1060133	.0182192	1.962036	.0388152	.0104765

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.917733	.0348479	.0383095	1.917520	.0934864	.2026015
Stddev	.007478	.0009972	.0003683	.026630	.0003050	.0004377
%RSD	.3899395	2.861439	.9614619	1.388750	.3262100	.2160659
#1	1.924224	.0343648	.0381928	1.887406	.0933008	.2026614
#2	1.909556	.0359946	.0380137	1.937963	.0938384	.2021369
#3	1.919420	.0341844	.0387221	1.927192	.0933201	.2030063

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: LLICV01 Acquired: 1/30/2025 11:56:31 Type: Unk
Method: NON EPA-6010-200.7(v2644) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378005	.0360737	.3229148	.0186322	F .0116099	F .0141384
Stddev	.0007351	.0004660	.0082096	.0020939	.0038098	.0010887
%RSD	1.944548	1.291722	2.542337	11.23799	32.81534	7.700250
#1	.0386442	.0357008	.3233240	.0163746	.0101514	.0140244
#2	.0374588	.0365961	.3145083	.0190114	.0159335	.0152796
#3	.0372985	.0359242	.3309122	.0205105	.0087448	.0131112

Elem	Sr4077
Units	ppm
Avg	.0175412
Stddev	.0000636
%RSD	.3627842
#1	.0174678
#2	.0175750
#3	.0175807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.671	57361.31	10784.97	1983.207	4376.960
Stddev	7.985	171.81	48.40	1.634	7.224
%RSD	.2730322	.2995232	.4487994	.0823809	.1650367
#1	2929.045	57172.27	10752.08	1984.114	4379.523
#2	2929.514	57507.95	10762.30	1984.186	4382.554
#3	2915.455	57403.71	10840.55	1981.321	4368.805

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICB01 Acquired: 1/30/2025 12:00:47 Type: Unk
Method: NON EPA-6010-200.7(v2644) 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	.0001909	-.001549	-.000933	-.000061	-.002034	-.010238	-.002373
Stddev	.0014166	.000637	.000715	.000664	.000396	.002152	.000777
%RSD	742.0317	41.15623	76.66299	1086.629	19.49744	21.02160	32.72165
#1	.0005363	-.000814	-.001740	-.000082	-.002163	-.010634	-.002014
#2	-.001366	-.001950	-.000679	-.000715	-.002349	-.007915	-.001841
#3	.001403	-.001883	-.000379	.000613	-.001589	-.012165	-.003264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000402	-.000334	-.016405	.0001386	-.000279	.0000576	-.018743
Stddev	.0000320	.000008	.004577	.0004077	.000049	.0002406	.004405
%RSD	79.55591	2.437705	27.89879	294.2056	17.39983	417.4859	23.50171
#1	.0000406	-.000343	-.021364	-.000257	-.000332	.0003082	-.014414
#2	.0000080	-.000327	-.012344	.000557	-.000268	.0000363	-.018594
#3	.0000720	-.000331	-.015506	.000116	-.000237	-.000172	-.023220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000717	.0082517	-.000560	.0005585	-.029503	-.000976	-.003075
Stddev	.000177	.0046425	.000292	.0002989	.000963	.000733	.000391
%RSD	24.74178	56.26179	52.21093	53.52705	3.265155	75.15655	12.73129
#1	-.000697	.0029796	-.000274	.0008829	-.030293	-.001053	-.003063
#2	-.000550	.0117286	-.000548	.0004986	-.029787	-.000207	-.002689
#3	-.000903	.0100468	-.000858	.0002940	-.028430	-.001668	-.003472

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003719	-.001924	-.000531	-.000755	.0005120	-.014287	.0013460
Stddev	.0190443	.000216	.000267	.000403	.0002224	.004373	.0024645
%RSD	5121.119	11.24137	50.30360	53.46889	43.43431	30.60803	183.1067
#1	-.019200	-.001957	-.000225	-.000366	.0007352	-.016596	.0010017
#2	.001476	-.002122	-.000654	-.001171	.0005103	-.017022	.0039645
#3	.018840	-.001693	-.000715	-.000727	.0002904	-.009243	-.000928

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICB01 Acquired: 1/30/2025 12:00:47 Type: Unk
Method: NON EPA-6010-200.7(v2644) 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	-.006026	-.004744	-.000453
Stddev	.002425	.000882	.000054
%RSD	40.23711	18.58671	11.88491
#1	-.007799	-.003758	-.000512
#2	-.007017	-.005457	-.000406
#3	-.003263	-.005018	-.000441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.920	57253.34	10801.08	1979.426	4433.357
Stddev	.813	54.21	5.87	12.629	2.638
%RSD	.0277143	.0946832	.0543288	.6380103	.0595076
#1	2935.094	57270.65	10794.49	1965.225	4435.821
#2	2934.034	57192.58	10803.03	1983.657	4433.675
#3	2935.632	57296.77	10805.72	1989.396	4430.574

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CRI01 Acquired: 1/30/2025 12:05:56 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214677	.0399626	.0108915	.0184404	.0470920	.0848645
Stddev	.0016979	.0017698	.0012888	.0005590	.0011223	.0058768
%RSD	7.909122	4.428737	11.83302	3.031557	2.383171	6.924931
#1	.0227181	.0402502	.0102052	.0190824	.0461467	.0896827
#2	.0195347	.0415710	.0100910	.0180611	.0467970	.0783171
#3	.0221503	.0380666	.0123782	.0181777	.0483323	.0865938

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900585	.0056065	.0055633	1.877699	.0099706	.0284817
Stddev	.0002887	.0000099	.0000560	.001574	.0002743	.0002124
%RSD	.3205153	.1762946	1.006668	.0838080	2.750978	.7455865
#1	.0903914	.0056124	.0055193	1.879330	.0097089	.0282406
#2	.0899060	.0056120	.0055442	1.877579	.0099468	.0286409
#3	.0898781	.0055951	.0056263	1.876189	.0102560	.0285636

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217848	.0815066	.0182064	2.011137	.0380558	.0110591
Stddev	.0002987	.0027698	.0002486	.022087	.0003316	.0001547
%RSD	1.371195	3.398226	1.365502	1.098235	.8714112	1.399158
#1	.0216047	.0786394	.0179611	2.009714	.0379362	.0111321
#2	.0221297	.0817131	.0184582	1.989796	.0384306	.0111638
#3	.0216202	.0841674	.0181997	2.033901	.0378006	.0108813

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.015089	.0346771	.0392611	2.028826	.0908420	.2051829
Stddev	.010914	.0002427	.0004407	.039789	.0004259	.0007292
%RSD	.5415933	.6998875	1.122421	1.961162	.4688774	.3553647
#1	2.015874	.0346692	.0395325	2.063471	.0912444	.2048311
#2	2.003805	.0349237	.0387526	1.985371	.0908858	.2046964
#3	2.025590	.0344385	.0394980	2.037635	.0903959	.2060213

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CRI01 Acquired: 1/30/2025 12:05:56 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371213	.0371173	.3342037	.0208214	F .0126565	F .0135244
Stddev	.0005387	.0006780	.0071188	.0011596	.0031036	.0011388
%RSD	1.451126	1.826610	2.130066	5.569238	24.52143	8.420498
#1	.0366505	.0376477	.3297071	.0201808	.0124825	.0125044
#2	.0377088	.0373508	.3424113	.0221600	.0158435	.0147532
#3	.0370047	.0363535	.3304929	.0201236	.0096437	.0133157

Elem	Sr4077
Units	ppm
Avg	.0179952
Stddev	.0000541
%RSD	.3005683
#1	.0179757
#2	.0180563
#3	.0179536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.765	56613.25	10730.06	1952.998	4525.637
Stddev	8.309	150.25	34.61	2.562	10.167
%RSD	.2788308	.2653933	.3225474	.1311943	.2246633
#1	2984.096	56553.21	10763.94	1955.790	4527.332
#2	2985.013	56784.23	10694.77	1952.449	4534.851
#3	2970.186	56502.30	10731.48	1950.755	4514.729

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSA01 Acquired: 1/30/2025 12:10:11 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.003199	.0110846	.0066703	-.014437	-.003141	234.5447
Stddev	.001780	.0044428	.0006601	.005736	.001669	.8265
%RSD	55.65891	40.08077	9.896173	39.73228	53.13385	.3523770
#1	-.004138	.0070033	.0059788	-.008414	-.001802	234.0000
#2	-.004312	.0104334	.0072938	-.015062	-.002611	235.4957
#3	-.001145	.0158170	.0067383	-.019835	-.005011	234.1384

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019542	.0013624	-.000884	217.8879	.0559845	.0009217
Stddev	.0011828	.0000159	.000040	.8100	.0006134	.0003128
%RSD	60.52644	1.165571	4.551303	.3717289	1.095736	33.94106
#1	.0007403	.0013448	-.000889	217.7490	.0552827	.0007602
#2	.0020190	.0013757	-.000922	218.7584	.0564187	.0007227
#3	.0031033	.0013667	-.000842	217.1565	.0562522	.0012823

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216648	92.69648	.0034975	233.7081	.0020746	-.000536
Stddev	.0013181	.28510	.0002688	.6442	.0001937	.000229
%RSD	6.083816	.3075663	7.686194	.2756602	9.336322	42.63731
#1	.0201431	92.78898	.0037813	233.3736	.0022726	-.000509
#2	.0224489	92.92385	.0032467	234.4508	.0018855	-.000777
#3	.0224024	92.37661	.0034644	233.3000	.0020657	-.000322

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238307	.0051076	.0010545	.1326165	.0335102	-.000738
Stddev	.0024756	.0017562	.0003738	.0166207	.0006293	.000177
%RSD	10.38808	34.38401	35.45111	12.53289	1.877900	23.96767
#1	.0261504	.0054032	.0009532	.1193417	.0341216	-.000905
#2	.0212243	.0066973	.0007418	.1512573	.0335445	-.000553
#3	.0241174	.0032224	.0014686	.1272506	.0328645	-.000757

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSA01 Acquired: 1/30/2025 12:10:11 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004196	-.001373	-.001396	.0032325	F -.021104	F -.039289
Stddev	.000805	.000460	.002107	.0033634	.002080	.000547
%RSD	19.17563	33.51490	150.9632	104.0493	9.857202	1.392848
#1	-.005120	-.001382	-.000335	-.000261	-.018742	-.038847
#2	-.003815	-.000908	-.003822	.006448	-.022663	-.039118
#3	-.003653	-.001828	-.000030	.003510	-.021908	-.039901

Elem	Sr4077
Units	ppm
Avg	-.004666
Stddev	.000251
%RSD	5.371879
#1	-.004575
#2	-.004473
#3	-.004949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.214	52220.85	10100.95	1790.111	3605.511
Stddev	3.219	29.76	24.35	5.817	9.831
%RSD	.1241326	.0569928	.2411156	.3249261	.2726629
#1	2596.931	52253.05	10091.17	1783.395	3616.020
#2	2591.397	52194.35	10083.00	1793.482	3596.539
#3	2591.314	52215.17	10128.67	1793.457	3603.974

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSAB01 Acquired: 1/30/2025 12:28:42 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1178742	.1035922	.0570805	.0367826	.6440420	242.8942
Stddev	.0024837	.0019350	.0022566	.0026368	.0026254	.8472
%RSD	2.107089	1.867923	3.953430	7.168604	.4076442	.3487913
#1	.1204026	.1026925	.0557958	.0346533	.6428772	243.5576
#2	.1154378	.1058132	.0596862	.0359625	.6422005	243.1851
#3	.1177823	.1022708	.0557596	.0397320	.6470483	241.9398

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4559168	.4746796	1.019038	224.1034	.5826876	.5135416
Stddev	.0026748	.0042584	.001177	.9768	.0014418	.0003457
%RSD	.5866851	.8971100	.1155285	.4358828	.2474358	.0673234
#1	.4579203	.4787369	1.020373	224.9953	.5816683	.5139402
#2	.4569508	.4750568	1.018596	224.2554	.5820574	.5133626
#3	.4528794	.4702452	1.018147	223.0595	.5843372	.5133222

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5261424	99.94383	.4484625	240.5351	1.015986	.2220095
Stddev	.0011586	.38543	.0020493	.9290	.000657	.0005166
%RSD	.2202131	.3856477	.4569569	.3862366	.0646723	.2327112
#1	.5274770	99.79720	.4505730	241.3212	1.016410	.2225915
#2	.5255563	99.65324	.4483341	240.7742	1.016318	.2216053
#3	.5253939	100.3811	.4464804	239.5099	1.015229	.2218316

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071280	.4633672	1.078107	.1085428	.9678023	1.117590
Stddev	.0111203	.0022638	.003030	.0402153	.0070158	.001641
%RSD	156.0101	.4885451	.2810460	37.05016	.7249254	.1468437
#1	.0090943	.4652977	1.078248	.0750642	.9745783	1.119477
#2	-.004844	.4639283	1.075009	.0974136	.9682597	1.116804
#3	.017134	.4608757	1.081064	.1531507	.9605690	1.116491

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSAB01 Acquired: 1/30/2025 12:28:42 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.084430	.9702646	.8827356	F .0089645	F -.023217	F -.040326
Stddev	.001539	.0028575	.0129504	.0041236	.002672	.001097
%RSD	.1419503	.2945083	1.467075	45.99963	11.50952	2.719907
#1	1.085703	.9720905	.8777811	.0130782	-.021558	-.040301
#2	1.082719	.9717318	.8974318	.0089842	-.021793	-.041435
#3	1.084867	.9669716	.8729939	.0048310	-.026299	-.039241

Elem	Sr4077
Units	ppm
Avg	F -.008784
Stddev	.000873
%RSD	9.942682
#1	-.007966
#2	-.008681
#3	-.009704

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.945	49995.33	10208.55	1699.511	3554.787
Stddev	5.259	112.27	63.77	9.204	6.048
%RSD	.2073046	.2245559	.6246656	.5415418	.1701279
#1	2532.474	50082.28	10155.91	1708.900	3548.874
#2	2542.739	50035.12	10190.29	1699.128	3560.961
#3	2535.621	49868.58	10279.46	1690.505	3554.528

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSADLX20 Acquired: 1/30/2025 12:33:17 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.000164	-.002538	-.000533	-.000094	-.002000	11.88625	-.000771
Stddev	.001125	.001292	.000444	.001994	.000644	.01735	.000629
%RSD	686.7787	50.89242	83.22755	2127.410	32.22139	.1459529	81.63176
#1	-.001438	-.001077	-.000064	.001957	-.001415	11.90623	-.000268
#2	.000694	-.003010	-.000589	-.000214	-.001894	11.87752	-.000569
#3	.000253	-.003527	-.000946	-.002024	-.002690	11.87501	-.001477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001887	-.000480	11.48171	.0026384	-.000132	.0006534	4.807619
Stddev	.0000407	.000077	.02524	.0003542	.000274	.0002149	.021451
%RSD	21.58996	15.97231	.2197879	13.42291	207.7857	32.89665	.4461972
#1	.0002158	-.000487	11.50417	.0030463	-.000401	.0004718	4.783417
#2	.0002085	-.000400	11.48655	.0024095	.000146	.0005976	4.824286
#3	.0001419	-.000552	11.45440	.0024594	-.000140	.0008907	4.815154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000324	11.87749	-.000221	.0004208	-.021981	.0002915	-.002928
Stddev	.000320	.03822	.000111	.0003373	.005420	.0005489	.000213
%RSD	98.98306	.3218258	50.40050	80.15171	24.65964	188.3289	7.290910
#1	-.000665	11.91917	-.000345	.0004200	-.027182	.0007334	-.002884
#2	-.000030	11.86926	-.000189	.0000839	-.016365	.0004639	-.002739
#3	-.000276	11.84406	-.000129	.0007585	-.022396	-.000323	-.003159

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399772	-.000266	-.000493	-.001569	.0005307	-.011145	-.002402
Stddev	.0279946	.000170	.000162	.000529	.0009995	.003008	.004329
%RSD	70.02661	64.12350	32.97317	33.67621	188.3340	26.98899	180.1983
#1	.0130696	-.000075	-.000663	-.002049	.0003489	-.008626	-.006390
#2	.0689450	-.000402	-.000476	-.001003	-.000365	-.014475	-.003019
#3	.0379168	-.000320	-.000339	-.001656	.001609	-.010333	.002202

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSADLX20 Acquired: 1/30/2025 12:33:17 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.009058	-.006534	-.000594
Stddev	.001176	.000567	.000020
%RSD	12.98565	8.679232	3.440089
#1	-.007832	-.005966	-.000581
#2	-.009166	-.007100	-.000618
#3	-.010177	-.006537	-.000585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.718	57297.78	10664.11	1935.764	4246.270
Stddev	3.893	208.57	72.57	10.694	9.510
%RSD	.1360974	.3640079	.6805048	.5524449	.2239595
#1	2861.711	57075.30	10580.37	1923.485	4253.345
#2	2864.018	57329.17	10703.36	1943.037	4250.006
#3	2856.424	57488.88	10708.61	1940.769	4235.460

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSABDLX20 Acquired: 1/30/2025 12:37:33 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0518762	.0526614	.0509015	.0548221	.0493879	11.92245	.0201424
Stddev	.0022758	.0003520	.0011663	.0026070	.0005365	.05016	.0001077
%RSD	4.387044	.6684565	2.291227	4.755382	1.086307	.4207399	.5346620
#1	.0543608	.0523818	.0505000	.0529068	.0496679	11.98023	.0201321
#2	.0513750	.0530567	.0499889	.0577910	.0497265	11.89709	.0202548
#3	.0498926	.0525455	.0522154	.0537685	.0487693	11.89003	.0200402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247262	.0251658	11.89573	.0296490	.0250654	.0277446	5.297830
Stddev	.0000501	.0000778	.01228	.0001684	.0003606	.0006265	.026552
%RSD	.2027544	.3092889	.1032634	.5680412	1.438543	2.258208	.5011860
#1	.0247385	.0252029	11.90965	.0297358	.0254805	.0275373	5.317112
#2	.0246711	.0250764	11.89112	.0297562	.0248290	.0284485	5.267545
#3	.0247691	.0252181	11.88642	.0294548	.0248869	.0272479	5.308833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226930	12.04829	.0254401	.0134456	.4947027	.0227362	.0490889
Stddev	.0004046	.01920	.0001975	.0004092	.0019231	.0013257	.0003496
%RSD	1.783045	.1593545	.7764593	3.043236	.3887436	5.830860	.7122675
#1	.0223687	12.06992	.0256670	.0131304	.4967134	.0212308	.0487462
#2	.0225638	12.04167	.0253065	.0139080	.4945134	.0232485	.0490755
#3	.0231464	12.03328	.0253469	.0132984	.4928812	.0237294	.0494451

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5498973	.0481007	.0540594	.0506951	.0477993	.0359836	-.000058
Stddev	.0301302	.0001204	.0001568	.0000612	.0008882	.0014501	.003730
%RSD	5.479241	.2503177	.2900582	.1207222	1.858276	4.029768	6470.898
#1	.5788134	.0479752	.0542130	.0507593	.0469535	.0373868	-.004143
#2	.5521940	.0482152	.0540656	.0506374	.0477197	.0360731	.000803
#3	.5186844	.0481118	.0538995	.0506887	.0487247	.0344908	.003167

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: ICSABDLX20 Acquired: 1/30/2025 12:37:33 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.007471	-.007491	-.001079
Stddev	.003641	.001464	.000061
%RSD	48.73935	19.54694	5.614207
#1	-.007875	-.009061	-.001052
#2	-.010892	-.007249	-.001037
#3	-.003644	-.006162	-.001149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.806	55882.08	10466.79	1932.676	4209.868
Stddev	4.391	200.98	14.71	11.176	6.671
%RSD	.1538542	.3596574	.1405782	.5782542	.1584534
#1	2851.832	55682.05	10452.77	1920.966	4207.488
#2	2858.838	56084.01	10465.50	1943.227	4217.402
#3	2850.749	55880.17	10482.11	1933.835	4204.714

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV01 Acquired: 1/30/2025 12:41:48 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953386	5.084099	4.843121	5.006719	5.012849	9.494050	9.134105
Stddev	.025714	.054480	.021464	.034993	.027813	.007148	.038244
%RSD	.5191288	1.071577	.4431838	.6989285	.5548405	.0752915	.4186943
#1	4.948134	5.039949	4.825820	4.984249	5.007219	9.485885	9.092434
#2	4.930703	5.067365	4.836403	4.988870	4.988281	9.497086	9.142281
#3	4.981321	5.144983	4.867140	5.047038	5.043046	9.499179	9.167600

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2369345	2.421921	23.19487	.9877812	2.417222	1.245007	4.693773
Stddev	.0012431	.011121	.06322	.0013583	.011768	.005885	.051221
%RSD	.5246720	.4591654	.2725543	.1375120	.4868556	.4726812	1.091251
#1	.2357339	2.414242	23.22116	.9868321	2.409079	1.245558	4.742909
#2	.2368532	2.416848	23.24070	.9871743	2.411874	1.238866	4.697713
#3	.2382162	2.434674	23.12275	.9893371	2.430715	1.250597	4.640695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.262525	23.18093	2.423855	1.214779	24.06506	2.350334	2.458325
Stddev	.005019	.09440	.010261	.000488	.19205	.007367	.002595
%RSD	.2218422	.4072478	.4233408	.0401969	.7980610	.3134381	.1055745
#1	2.267886	23.11081	2.418445	1.215316	24.24431	2.355961	2.460776
#2	2.261751	23.14371	2.417431	1.214657	24.08852	2.353047	2.455606
#3	2.257938	23.28827	2.435689	1.214362	23.86236	2.341996	2.458594

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.71216	4.708680	4.971425	4.871035	4.600890	4.819142	5.020636
Stddev	.24811	.033759	.027001	.025900	.009938	.057450	.039580
%RSD	1.046338	.7169612	.5431158	.5317133	.2159944	1.192128	.7883549
#1	23.95749	4.673806	4.962942	4.851664	4.608397	4.868787	4.996357
#2	23.71764	4.711030	4.949684	4.860987	4.604653	4.832425	4.999242
#3	23.46136	4.741202	5.001648	4.900453	4.589620	4.756214	5.066309

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV01 Acquired: 1/30/2025 12:41:48 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.902716	4.568281	4.625575
Stddev	.029689	.007236	.048081
%RSD	.6055558	.1583946	1.039466
#1	4.881522	4.576010	4.594469
#2	4.889977	4.567166	4.680954
#3	4.936648	4.561668	4.601302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2753.495	54667.12	9871.539	1864.443	3948.845
Stddev	10.244	233.65	49.708	2.976	13.379
%RSD	.3720337	.4274057	.5035480	.1595951	.3388189
#1	2753.739	54549.99	9928.931	1861.157	3956.334
#2	2763.615	54515.20	9843.513	1865.218	3956.803
#3	2743.131	54936.17	9842.172	1866.955	3933.398

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB01 Acquired: 1/30/2025 12:47:16 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.000455	-.001713	-.000558	.0011151	-.002201	-.001432	-.001554
Stddev	.001430	.001991	.000523	.0019627	.001225	.002941	.000913
%RSD	314.1344	116.1934	93.70786	176.0080	55.66224	205.3426	58.71937
#1	.000948	-.003038	-.000379	.0015598	-.002601	.001853	-.000552
#2	-.000403	-.002679	-.001147	-.001032	-.003177	-.003821	-.001773
#3	-.001910	.000576	-.000148	.002817	-.000826	-.002328	-.002337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000272	-.000246	-.012112	-.000251	-.000245	-.000217	-.012487
Stddev	.0000392	.000007	.001299	.000328	.000197	.000366	.005121
%RSD	144.4272	2.922678	10.72763	130.3135	80.46839	168.3456	41.01555
#1	.0000719	-.000252	-.010897	.000010	-.000052	.000204	-.015654
#2	-.000001	-.000247	-.013481	-.000619	-.000236	-.000451	-.006578
#3	.000011	-.000238	-.011958	-.000145	-.000445	-.000405	-.015228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000550	-.004199	-.000320	.0006721	-.022460	-.001793	-.002552
Stddev	.000098	.008906	.000180	.0004527	.011580	.000599	.000285
%RSD	17.83249	212.0999	56.02190	67.35380	51.55777	33.38941	11.16807
#1	-.000531	.004444	-.000467	.0002627	-.035062	-.001144	-.002672
#2	-.000657	-.013347	-.000120	.0011583	-.020029	-.002323	-.002227
#3	-.000463	-.003695	-.000374	.0005955	-.012289	-.001913	-.002758

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071960	.0022768	-.000317	-.001028	.0000057	-.005096	-.002052
Stddev	.0160898	.0003855	.000043	.000148	.0007170	.003454	.001072
%RSD	223.5928	16.93303	13.44440	14.38781	12554.87	67.77390	52.23855
#1	-.004287	.0018947	-.000312	-.000987	-.000602	-.001423	-.002892
#2	.025586	.0026656	-.000277	-.000905	.000797	-.008278	-.000845
#3	.000289	.0022701	-.000361	-.001192	-.000178	-.005586	-.002420

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB01 Acquired: 1/30/2025 12:47:16 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004975	-.004989	-.000356
Stddev	.001392	.000366	.000080
%RSD	27.97116	7.344246	22.56943
#1	-.006479	-.004702	-.000424
#2	-.004714	-.005402	-.000376
#3	-.003733	-.004864	-.000267

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.122	56400.69	10555.79	1917.539	4300.196
Stddev	7.400	356.99	72.12	8.527	10.524
%RSD	.2599090	.6329501	.6831915	.4447023	.2447326
#1	2855.660	56646.61	10500.95	1919.169	4311.117
#2	2843.153	55991.23	10637.48	1908.315	4299.350
#3	2842.555	56564.23	10528.95	1925.135	4290.121

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01 Acquired: 1/30/2025 12:51:36 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.002126	-.000453	.1695278	-.002976	-.002200	.0493516	.0672088
Stddev	.001211	.001453	.0006411	.002476	.000277	.0055752	.0009958
%RSD	56.97462	321.1438	.3781607	83.20800	12.57349	11.29680	1.481618
#1	-.002882	.001049	.1701406	-.005119	-.002448	.0522109	.0671660
#2	-.002767	-.001853	.1695810	-.003543	-.001902	.0529170	.0682253
#3	-.000729	-.000553	.1688617	-.000265	-.002252	.0429269	.0662351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000554	.0007942	13.00729	.0052821	.0000393	.4777320	.7130650
Stddev	.0000399	.0000406	.12896	.0002458	.0000211	.0014291	.0021859
%RSD	72.00130	5.105850	.9914658	4.653632	53.79314	.2991379	.3065509
#1	.0000866	.0007757	13.14354	.0055650	.0000204	.4784727	.7146012
#2	.0000694	.0008407	12.99123	.0051208	.0000353	.4786388	.7140315
#3	.0000104	.0007663	12.88712	.0051605	.0000621	.4760847	.7105625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142516	3.241187	.0117259	.0978265	25.51267	-.000739	2.060442
Stddev	.0002095	.031779	.0002171	.0008880	.11333	.000338	.016514
%RSD	1.470109	.9804612	1.851675	.9077419	.4442214	45.76382	.8014626
#1	.0144054	3.277125	.0118497	.0968018	25.38183	-.001094	2.042143
#2	.0143364	3.229641	.0118528	.0983083	25.57579	-.000422	2.064951
#3	.0140130	3.216796	.0114752	.0983696	25.58039	-.000700	2.074234

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.765675	.1451247	-.000058	-.000076	.0022325	8.644459	3.038658
Stddev	.006106	.0006795	.000263	.001118	.0002984	.061329	.015818
%RSD	.1621506	.4681991	453.5153	1480.515	13.36724	.7094564	.5205570
#1	3.760328	.1454744	-.000207	-.001092	.0018988	8.576553	3.055750
#2	3.764369	.1455581	.000246	.001122	.0023248	8.661010	3.035691
#3	3.772329	.1443416	-.000213	-.000256	.0024737	8.695814	3.024534

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01 Acquired: 1/30/2025 12:51:36 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.120077	-.009916	.0206578
Stddev	.001771	.000244	.0002275
%RSD	.0567530	2.460894	1.101111
#1	3.120624	-.009812	.0209162
#2	3.118097	-.009741	.0205694
#3	3.121509	-.010194	.0204878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2903.841	57424.92	10927.24	1948.970	4374.427
Stddev	7.012	494.63	51.37	8.604	2.756
%RSD	.2414765	.8613592	.4701080	.4414774	.0630094
#1	2904.489	57995.88	10875.90	1957.160	4373.536
#2	2896.527	57152.36	10927.19	1949.746	4372.226
#3	2910.506	57126.52	10978.64	1940.004	4377.519

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01DUP Acquired: 1/30/2025 12:55:49 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004231	-.001145	.1704229	-.001564	-.003094	.0820761	.0726908
Stddev	.002862	.000088	.0016969	.000553	.001025	.0154132	.0012299
%RSD	67.63856	7.695337	.9957206	35.32586	33.11837	18.77915	1.691977
#1	-.001261	-.001209	.1723490	-.001141	-.003954	.0737334	.0736776
#2	-.006971	-.001181	.1691479	-.001362	-.003369	.0998624	.0730819
#3	-.004460	-.001044	.1697718	-.002189	-.001960	.0726325	.0713129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000608	.0007567	13.21515	.0055831	-.000073	.4826757	.7448183
Stddev	.0000441	.0000656	.12375	.0004169	.000213	.0007183	.0081541
%RSD	72.55998	8.674926	.9364049	7.467071	290.7144	.1488252	1.094782
#1	.0000182	.0006832	13.20182	.0051017	.000052	.4818561	.7477781
#2	.0000579	.0008095	13.34502	.0058266	.000048	.4829750	.7355976
#3	.0001063	.0007775	13.09861	.0058209	-.000320	.4831960	.7510792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138761	3.295684	.0120168	.1004544	26.92031	-.001857	2.090410
Stddev	.0001319	.036733	.0003330	.0017778	.28396	.002045	.014829
%RSD	.9507667	1.114579	2.770948	1.769780	1.054816	110.1410	.7093882
#1	.0139922	3.266903	.0118397	.1025072	26.65695	-.003594	2.074412
#2	.0139034	3.337057	.0124009	.0994123	26.88285	-.002375	2.103695
#3	.0137326	3.283092	.0118097	.0994437	27.22115	.000398	2.093123

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.974885	.1416256	-.000205	.0000348	.0057663	9.061977	3.001578
Stddev	.047803	.0015736	.000083	.0003502	.0015772	.060801	.010868
%RSD	1.202615	1.111080	40.65689	1005.358	27.35201	.6709475	.3620879
#1	3.933942	.1410402	-.000144	-.000163	.0047342	8.998425	2.990650
#2	3.963296	.1434080	-.000171	-.000171	.0075818	9.067913	3.012385
#3	4.027416	.1404287	-.000300	.000439	.0049829	9.119592	3.001698

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01DUP Acquired: 1/30/2025 12:55:49 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.110583	-.008892	.0212562
Stddev	.012853	.000162	.0002190
%RSD	.4132010	1.825287	1.030296
#1	3.096155	-.008707	.0212228
#2	3.120807	-.009010	.0214900
#3	3.114788	-.008959	.0210558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.935	57024.05	11087.07	1914.955	4374.704
Stddev	1.313	337.31	130.38	17.239	6.452
%RSD	.0455695	.5915216	1.175970	.9002468	.1474737
#1	2882.445	57399.14	11081.48	1931.488	4378.741
#2	2880.305	56927.37	10959.57	1897.087	4378.107
#3	2880.057	56745.64	11220.15	1916.291	4367.263

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01LX5 Acquired: 1/30/2025 13:00:02 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.001192	.0001226	.0341256	-.002039	-.003134	.0060144	.0121823
Stddev	.000752	.0008995	.0005270	.000604	.001847	.0078934	.0010501
%RSD	63.11180	733.9707	1.544291	29.62781	58.93670	131.2401	8.620019
#1	-.001870	.0001997	.0342540	-.001699	-.001920	-.003099	.0133779
#2	-.001324	.0009811	.0345765	-.002737	-.002223	.010442	.0114094
#3	-.000383	-.000813	.0335463	-.001682	-.005260	.010700	.0117596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000699	-.000034	2.616094	.0011267	-.000237	.0982587	.1294072
Stddev	.0000141	.000013	.001814	.0000996	.000035	.0005726	.0020589
%RSD	20.13373	37.06003	.0693244	8.837626	14.85207	.5827594	1.590997
#1	.0000556	-.000048	2.615698	.0011423	-.000238	.0987566	.1297349
#2	.0000838	-.000023	2.614511	.0010202	-.000272	.0976330	.1272042
#3	.0000703	-.000031	2.618072	.0012175	-.000201	.0983866	.1312826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020637	.6561538	.0021234	.0203825	4.988722	-.002033	.4127485
Stddev	.0002839	.0143827	.0000554	.0004920	.012493	.000507	.0014833
%RSD	13.75671	2.191969	2.610063	2.414050	.2504197	24.93300	.3593785
#1	.0023536	.6720432	.0021775	.0209309	4.983777	-.002107	.4123237
#2	.0017863	.6440249	.0020668	.0199797	4.979459	-.001493	.4115239
#3	.0020512	.6523933	.0021258	.0202368	5.002931	-.002499	.4143978

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7748367	.0280098	-.000476	-.000704	.0020365	1.705341	.6197324
Stddev	.0247511	.0005538	.000151	.000462	.0006506	.004386	.0021163
%RSD	3.194363	1.977308	31.77589	65.62710	31.94636	.2571761	.3414803
#1	.7469864	.0283271	-.000462	-.001025	.0027751	1.700905	.6179304
#2	.7943196	.0283321	-.000333	-.000911	.0015483	1.705444	.6220628
#3	.7832041	.0273703	-.000634	-.000175	.0017863	1.709674	.6192040

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01LX5 Acquired: 1/30/2025 13:00:02 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6090907	-.007661	.0037816
Stddev	.0012613	.001093	.0000304
%RSD	.2070832	14.26757	.8029275
#1	.6081559	-.006407	.0037539
#2	.6105253	-.008164	.0037769
#3	.6085908	-.008411	.0038141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.507	56252.32	10575.27	1927.732	4303.562
Stddev	6.683	158.79	76.91	10.394	6.111
%RSD	.2338838	.2822826	.7273006	.5392033	.1419885
#1	2850.266	56159.91	10487.10	1921.222	4296.749
#2	2858.814	56435.67	10628.62	1939.720	4305.380
#3	2863.440	56161.38	10610.08	1922.256	4308.557

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01MS Acquired: 1/30/2025 13:04:18 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7871964	1.999085	1.034689	1.927281	.7994714	1.835342	.2384616
Stddev	.0034229	.011243	.001933	.002887	.0018898	.011603	.0027325
%RSD	.4348205	.5624312	.1868576	.1498109	.2363854	.6321821	1.145880
#1	.7836529	1.991835	1.035302	1.924127	.7978870	1.848189	.2408535
#2	.7904843	1.993384	1.032523	1.927923	.8015631	1.825626	.2354836
#3	.7874519	2.012037	1.036240	1.929794	.7989641	1.832212	.2390478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1774190	.1823726	13.81557	.3845461	.1836091	.7500992	3.615641
Stddev	.0009575	.0004777	.14030	.0049657	.0006572	.0025191	.041608
%RSD	.5396872	.2619309	1.015496	1.291302	.3579606	.3358405	1.150789
#1	.1783922	.1822742	13.95486	.3795415	.1832362	.7472254	3.573128
#2	.1764780	.1819519	13.67429	.3894719	.1832231	.7519261	3.656281
#3	.1773867	.1828919	13.81756	.3846249	.1843680	.7511461	3.617514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1878206	4.965346	.4716358	.1642392	28.47814	.2671535	1.983242
Stddev	.0017590	.060416	.0011757	.0024142	.28316	.0022166	.031336
%RSD	.9365539	1.216751	.2492697	1.469919	.9943095	.8297103	1.580042
#1	.1896994	5.031071	.4715883	.1623560	28.17442	.2692655	1.956470
#2	.1862128	4.912229	.4704847	.1669608	28.73486	.2648453	2.017708
#3	.1875495	4.952739	.4728345	.1634008	28.52515	.2673497	1.975547

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.21363	.3903788	.3999531	.6613919	.1829911	9.342262	8.518012
Stddev	.16907	.0044365	.0012921	.0012824	.0017740	.097169	.019574
%RSD	1.279509	1.136458	.3230665	.1938935	.9694411	1.040107	.2297969
#1	13.05028	.3953620	.3985575	.6616965	.1849732	9.230743	8.520242
#2	13.38789	.3868585	.4001938	.6599847	.1815522	9.408725	8.497418
#3	13.20271	.3889161	.4011078	.6624947	.1824480	9.387317	8.536375

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01MS Acquired: 1/30/2025 13:04:18 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.086286	.1721242	.1918062
Stddev	.011875	.0016637	.0017221
%RSD	.3847761	.9665766	.8978285
#1	3.078939	.1736042	.1936306
#2	3.079933	.1703235	.1902089
#3	3.099986	.1724449	.1915790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.913	57407.12	10848.40	1958.487	4282.572
Stddev	10.870	552.51	106.12	25.269	16.206
%RSD	.3773172	.9624430	.9782100	1.290213	.3784272
#1	2892.715	58000.75	10739.54	1980.904	4297.459
#2	2878.711	56907.89	10951.54	1931.104	4284.948
#3	2871.312	57312.71	10854.13	1963.452	4265.309

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01MSD Acquired: 1/30/2025 13:08:17 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7966628	1.998153	1.035181	1.954798	.8097071	1.846041	.2386888
Stddev	.0019158	.009581	.001837	.003558	.0028512	.008971	.0008804
%RSD	.2404831	.4794888	.1774524	.1820166	.3521254	.4859615	.3688276
#1	.7975854	2.007327	1.036487	1.953604	.8104028	1.850717	.2380015
#2	.7979429	1.998922	1.035975	1.958799	.8121461	1.851707	.2396811
#3	.7944603	1.988211	1.033080	1.951990	.8065725	1.835697	.2383839

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1753526	.1823733	13.80213	.3869611	.1833537	.7544506	3.641401
Stddev	.0005610	.0006763	.03293	.0009400	.0006167	.0022345	.016929
%RSD	.3199220	.3708273	.2385639	.2429299	.3363246	.2961759	.4649089
#1	.1759449	.1829840	13.82188	.3861083	.1834185	.7557972	3.631530
#2	.1748292	.1824896	13.82040	.3879691	.1839355	.7556833	3.660949
#3	.1752838	.1816465	13.76412	.3868059	.1827072	.7518712	3.631725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1865731	4.921290	.4714547	.1651474	28.94403	.2656556	1.989816
Stddev	.0004838	.038648	.0017978	.0008498	.10435	.0038237	.002923
%RSD	.2593191	.7853168	.3813232	.5145690	.3605204	1.439344	.1469034
#1	.1863522	4.942973	.4728597	.1656920	28.82474	.2699817	1.986976
#2	.1871279	4.944228	.4720757	.1655819	29.01834	.2642568	1.992816
#3	.1862391	4.876670	.4694288	.1641682	28.98903	.2627283	1.989655

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.39545	.3869871	.4017106	.6616548	.1853485	9.465704	8.486553
Stddev	.04876	.0006768	.0011116	.0044432	.0005828	.021086	.036907
%RSD	.3639702	.1748767	.2767035	.6715252	.3144402	.2227644	.4348876
#1	13.34416	.3877233	.4024342	.6622541	.1846937	9.442207	8.498383
#2	13.44119	.3863921	.4022668	.6657680	.1858103	9.482978	8.516094
#3	13.40100	.3868460	.4004308	.6569424	.1855415	9.471928	8.445181

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01MSD Acquired: 1/30/2025 13:08:17 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.113744	.1715676	.1924401
Stddev	.017991	.0004623	.0001157
%RSD	.5777915	.2694621	.0601110
#1	3.116952	.1711993	.1924817
#2	3.129916	.1714172	.1925293
#3	3.094365	.1720864	.1923094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.191	57040.70	10936.89	1935.534	4252.481
Stddev	2.832	105.70	44.64	4.126	6.020
%RSD	.0992893	.1853039	.4081314	.2131762	.1415619
#1	2853.096	57061.04	10902.72	1938.216	4252.441
#2	2849.017	57134.75	10987.39	1937.602	4246.482
#3	2854.460	56926.31	10920.55	1930.782	4258.521

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01A Acquired: 1/30/2025 13:12:15 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7980219	2.022629	1.040171	1.961147	.8152310	1.841785	.2292295
Stddev	.0039927	.007030	.004892	.013154	.0032031	.019272	.0066523
%RSD	.5003305	.3475809	.4702890	.6707081	.3929121	1.046368	2.902012
#1	.8017990	2.030743	1.045573	1.976175	.8186889	1.821364	.2233962
#2	.7984228	2.018370	1.038901	1.951724	.8123653	1.859654	.2278180
#3	.7938437	2.018773	1.036040	1.955542	.8146388	1.844337	.2364742

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792137	.1832357	13.50427	.3902551	.1843925	.7585191	3.503273
Stddev	.0008490	.0005841	.09868	.0008990	.0007504	.0032498	.018535
%RSD	.4737512	.3187576	.7307242	.2303733	.4069532	.4284428	.5290722
#1	.1782373	.1838956	13.40254	.3903873	.1852550	.7622693	3.483225
#2	.1797783	.1830263	13.59958	.3892973	.1840338	.7567577	3.519785
#3	.1796254	.1827852	13.51068	.3910807	.1838889	.7565301	3.506811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1808542	4.814110	.4743262	.1648518	27.54603	.2607279	2.006434
Stddev	.0023024	.041321	.0022482	.0007847	.16679	.0024099	.001915
%RSD	1.273088	.8583219	.4739690	.4759892	.6054933	.9243079	.0954484
#1	.1782607	4.769101	.4769190	.1639474	27.37617	.2582603	2.004223
#2	.1826575	4.850327	.4729203	.1652568	27.70957	.2630757	2.007526
#3	.1816444	4.822902	.4731391	.1653512	27.55234	.2608478	2.007554

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69020	.3935295	.4068644	.6639980	.1798543	9.150591	8.396077
Stddev	.08521	.0019204	.0024144	.0037988	.0026085	.048080	.037968
%RSD	.6714688	.4879909	.5934048	.5721029	1.450335	.5254305	.4522096
#1	12.59452	.3914824	.4094869	.6683054	.1768441	9.101018	8.439270
#2	12.75791	.3952913	.4063722	.6625621	.1814507	9.197024	8.380990
#3	12.71817	.3938146	.4047340	.6611265	.1812680	9.153731	8.367971

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1152-01A Acquired: 1/30/2025 13:12:15 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.099966	.1647444	.1863274
Stddev	.020999	.0012394	.0019849
%RSD	.6774036	.7523345	1.065255
#1	3.124003	.1637323	.1841677
#2	3.090714	.1661267	.1880717
#3	3.085182	.1643741	.1867427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2840.852	56617.20	10676.14	1898.951	4258.312
Stddev	9.307	103.93	49.86	.747	12.994
%RSD	.3275978	.1835606	.4670498	.0393407	.3051426
#1	2830.453	56704.58	10733.71	1899.666	4244.377
#2	2848.398	56644.76	10647.90	1899.012	4270.097
#3	2843.706	56502.28	10646.80	1898.175	4260.461

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166190BL Acquired: 1/30/2025 13:16:13 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000909	-.001259	-.000616	.0019982	-.002686	-.010509	-.002264
Stddev	.003364	.002368	.000187	.0001217	.001275	.004004	.000732
%RSD	370.0964	188.1474	30.43051	6.090712	47.45805	38.09874	32.34987
#1	.002419	-.000364	-.000790	.0020972	-.003822	-.006198	-.001569
#2	-.000838	-.003944	-.000417	.0020350	-.002927	-.011220	-.002193
#3	-.004308	.000532	-.000641	.0018623	-.001308	-.014111	-.003029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000381	-.000249	-.015663	.0001154	-.000227	-.000019	-.018252
Stddev	.0000285	.000058	.003894	.0000536	.000043	.000143	.005510
%RSD	74.81838	23.41334	24.86266	46.43104	18.90050	769.9732	30.18869
#1	.0000091	-.000309	-.016409	.0001018	-.000179	-.000086	-.014023
#2	.0000391	-.000192	-.019131	.0000699	-.000239	-.000115	-.024483
#3	.0000661	-.000245	-.011450	.0001744	-.000262	.000145	-.016250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000745	.0065977	-.000232	.0006683	-.032286	-.001595	-.003006
Stddev	.000134	.0032684	.000080	.0004867	.003266	.001125	.000056
%RSD	18.04685	49.53811	34.41927	72.82538	10.11509	70.51950	1.877723
#1	-.000892	.0054671	-.000324	.0012269	-.033178	-.000644	-.002941
#2	-.000713	.0040447	-.000177	.0004427	-.035013	-.001304	-.003045
#3	-.000629	.0102812	-.000195	.0003354	-.028667	-.002837	-.003032

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376728	-.002404	-.000501	-.000392	.0004849	-.005546	.0003148
Stddev	.0205430	.000163	.000207	.000593	.0006736	.005352	.0020648
%RSD	54.53004	6.780241	41.31105	151.0549	138.9112	96.50865	655.9183
#1	.0305843	-.002383	-.000732	-.000819	.0009282	.000428	-.001619
#2	.0216128	-.002253	-.000334	-.000642	-.000290	-.007160	.002490
#3	.0608214	-.002577	-.000437	.000284	.000817	-.009905	.000073

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166190BL Acquired: 1/30/2025 13:16:13 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0047238	-.006170	-.000430
Stddev	.0064008	.000484	.000004
%RSD	135.5027	7.839407	.8604139
#1	.0121008	-.006609	-.000427
#2	.0014293	-.006252	-.000428
#3	.0006412	-.005651	-.000434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.343	55596.73	10616.19	1891.312	4286.188
Stddev	9.916	245.10	61.41	11.325	12.984
%RSD	.3499917	.4408601	.5784859	.5987802	.3029241
#1	2821.899	55314.91	10545.58	1880.926	4272.505
#2	2838.758	55760.25	10645.74	1889.622	4287.724
#3	2839.374	55715.02	10657.23	1903.386	4298.336

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166190BS Acquired: 1/30/2025 13:20:32 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7946601	2.072489	.9521566	1.963025	.7868901	1.865476
Stddev	.0012060	.007890	.0024312	.007173	.0013657	.005016
%RSD	.1517668	.3806951	.2553410	.3654186	.1735608	.2688792
#1	.7943372	2.063903	.9546094	1.971297	.7882079	1.860791
#2	.7936484	2.074143	.9521129	1.959256	.7854810	1.864870
#3	.7959947	2.079421	.9497475	1.958522	.7869815	1.870768

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1780794	.1844839	.1881221	.9405359	.4047896	.1901177
Stddev	.0018888	.0012673	.0001721	.0101812	.0019935	.0001029
%RSD	1.060668	.6869232	.0914624	1.082490	.4924697	.0541234
#1	.1773260	.1853427	.1883203	.9413395	.4027909	.1901155
#2	.1766836	.1830284	.1880349	.9299767	.4048002	.1902216
#3	.1802287	.1850806	.1880111	.9502915	.4067778	.1900159

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3037450	2.930057	.1815319	1.833639	.4771786	.0734756
Stddev	.0004343	.008896	.0014982	.010709	.0001718	.0008395
%RSD	.1429769	.3036186	.8253199	.5840479	.0359951	1.142592
#1	.3033234	2.919793	.1820504	1.845917	.4771126	.0725971
#2	.3037205	2.935547	.1798433	1.828774	.4773736	.0735598
#3	.3041909	2.934832	.1827019	1.826226	.4770497	.0742698

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.018363	.2786709	.2013463	9.809369	.2649902	.4056573
Stddev	.013342	.0013406	.0006799	.057083	.0014566	.0004894
%RSD	.4420245	.4810520	.3376709	.5819253	.5496760	.1206360
#1	3.003038	.2775215	.2005688	9.796849	.2659226	.4052852
#2	3.024664	.2801435	.2018291	9.759585	.2633117	.4062117
#3	3.027388	.2783477	.2016411	9.871673	.2657363	.4054752

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166190BS Acquired: 1/30/2025 13:20:32 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6610801	.1835054	F .7100184	5.401695	F -.014019	.1802102
Stddev	.0017202	.0015734	.0038665	.017894	.001288	.0015609
%RSD	.2602102	.8574385	.5445615	.3312575	9.187430	.8661385
#1	.6623765	.1852634	.7099192	5.383718	-.015507	.1806143
#2	.6617352	.1822293	.7139335	5.401864	-.013253	.1784871
#3	.6591286	.1830234	.7062024	5.419504	-.013299	.1815294

Elem	Sr4077
Units	ppm
Avg	.1792839
Stddev	.0011983
%RSD	.6684109
#1	.1794274
#2	.1780203
#3	.1804041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.219	55674.62	10501.93	1898.573	4411.608
Stddev	4.282	156.58	72.71	5.913	8.657
%RSD	.1470265	.2812378	.6923255	.3114621	.1962436
#1	2907.848	55810.80	10463.22	1905.378	4402.504
#2	2916.406	55709.53	10585.81	1894.681	4412.583
#3	2912.402	55503.54	10456.77	1895.661	4419.736

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1205-02 Acquired: 1/30/2025 13:24:32 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.007397	-.008644	.0129950	.0044916	-.001973	.0487302	.1571795
Stddev	.000121	.001372	.0011086	.0022366	.001210	.0047491	.0004237
%RSD	1.631807	15.87262	8.530780	49.79501	61.30370	9.745754	.2695973
#1	-.007531	-.008369	.0133179	.0019093	-.002637	.0541419	.1571538
#2	-.007362	-.010133	.0117608	.0057469	-.002706	.0467916	.1567692
#3	-.007297	-.007430	.0139063	.0058185	-.000577	.0452570	.1576155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000273	.0002819	11.06008	.0006008	-.000250	.0207814	.0419943
Stddev	.0000586	.0000347	.00794	.0001226	.000330	.0001390	.0010400
%RSD	214.6356	12.31183	.0717832	20.41044	131.7041	.6691084	2.476554
#1	.0000751	.0002908	11.06308	.0004602	-.000586	.0206302	.0408009
#2	-.000038	.0002436	11.05107	.0006566	.000073	.0209038	.0424746
#3	.000045	.0003113	11.06608	.0006856	-.000237	.0208102	.0427073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715319	3.385071	.0034580	.0005918	281.2293	-.001538	.0714210
Stddev	.0004154	.032141	.0002498	.0002601	.5538	.000258	.0006496
%RSD	.2421764	.9494936	7.223896	43.96190	.1969278	16.74097	.9095507
#1	.1710705	3.370827	.0034573	.0004000	281.0296	-.001262	.0714399
#2	.1718762	3.421873	.0037081	.0004873	280.8030	-.001580	.0707622
#3	.1716490	3.362513	.0032085	.0008879	281.8552	-.001772	.0720610

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092407	.0140634	-.000038	.0645029	.0015978	.5420749	.0125902
Stddev	.015763	.0003878	.000158	.0010382	.0004558	.0051617	.0018904
%RSD	1.442999	2.757345	412.5338	1.609535	28.52709	.9522164	15.01454
#1	1.106357	.0145104	-.000178	.0633111	.0012937	.5447255	.0143910
#2	1.075306	.0138627	-.000070	.0652105	.0021219	.5361264	.0106214
#3	1.095557	.0138172	.000133	.0649872	.0013778	.5453728	.0127580

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1205-02 Acquired: 1/30/2025 13:24:32 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.4840606	-.009841	.0546516
Stddev	.0037838	.000451	.0001825
%RSD	.7816705	4.587377	.3339188
#1	.4877915	-.009745	.0547104
#2	.4802261	-.010332	.0544470
#3	.4841643	-.009445	.0547975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.599	52837.62	10377.33	1799.235	3865.638
Stddev	3.447	86.04	37.20	9.690	9.278
%RSD	.1287225	.1628302	.3584830	.5385642	.2399995
#1	2680.996	52863.80	10389.42	1800.494	3875.577
#2	2677.697	52907.52	10335.59	1808.234	3864.129
#3	2674.104	52741.53	10406.98	1788.977	3857.207

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-04 Acquired: 1/30/2025 13:29:00 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.006812	-.009058	.0179674	.0023324	.0009920	-.084984	.1134683
Stddev	.001187	.003058	.0011798	.0023359	.0012345	.001615	.0003042
%RSD	17.43023	33.76397	6.566353	100.1504	124.4431	1.899862	.2681070
#1	-.008146	-.009256	.0178098	.0009125	-.000341	-.086801	.1137132
#2	-.005871	-.005905	.0192180	.0050283	.002096	-.084434	.1131278
#3	-.006419	-.012012	.0168742	.0010562	.001222	-.083716	.1135638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	.0001311	138.3893	.0003974	.0042056	.0101428	-.000798
Stddev	.000018	.0000816	.3484	.0001738	.0001970	.0005986	.003648
%RSD	14.57174	62.19653	.2517395	43.73119	4.684833	5.901459	457.0019
#1	-.000104	.0000625	138.0939	.0001987	.0044119	.0106417	-.000982
#2	-.000127	.0002213	138.3006	.0004726	.0040193	.0103075	-.004350
#3	-.000140	.0001097	138.7735	.0005209	.0041857	.0094791	.002938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472273	7.234968	.0050134	.0003564	319.0851	-.001715	.3379980
Stddev	.0004812	.020273	.0002930	.0002305	2.1413	.001079	.0013122
%RSD	.1946255	.2802127	5.845212	64.69221	.6710732	62.93536	.3882368
#1	.2467636	7.222120	.0046758	.0004966	321.5054	-.002841	.3385277
#2	.2471940	7.224446	.0051622	.0004822	317.4370	-.000690	.3389625
#3	.2477242	7.258339	.0052022	.0000903	318.3129	-.001612	.3365037

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983103	.0452025	.0006102	-.002319	-.002858	1.725699	.0098158
Stddev	.026441	.0003092	.0001568	.001226	.000803	.007686	.0015924
%RSD	1.333317	.6841214	25.69334	52.88761	28.07953	.4453885	16.22238
#1	2.009364	.0448456	.0006922	-.001770	-.002079	1.722410	.0084819
#2	1.956486	.0453713	.0007089	-.003724	-.002814	1.720206	.0093868
#3	1.983459	.0453907	.0004294	-.001462	-.003683	1.734483	.0115788

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-04 Acquired: 1/30/2025 13:29:00 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.086144	-.027435	.4161499
Stddev	.018142	.000683	.0008380
%RSD	.5878485	2.488452	.2013732
#1	3.093282	-.027544	.4162759
#2	3.065519	-.028057	.4152560
#3	3.099632	-.026705	.4169178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.732	50741.14	9953.417	1715.099	3653.396
Stddev	4.589	216.12	43.366	7.170	3.929
%RSD	.1791934	.4259267	.4356934	.4180561	.1075373
#1	2562.492	50610.08	9990.582	1709.711	3652.609
#2	2564.180	50990.59	9963.898	1723.237	3657.659
#3	2555.524	50622.75	9905.770	1712.350	3649.920

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV02 Acquired: 1/30/2025 13:33:23 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999168	5.123602	4.833596	5.053659	5.063347	9.602023	9.200731
Stddev	.020581	.032888	.010308	.025867	.012630	.016419	.125824
%RSD	.4116945	.6418830	.2132481	.5118489	.2494468	.1709916	1.367541
#1	4.980262	5.093889	4.826008	5.034870	5.058992	9.586577	9.303188
#2	4.996152	5.117977	4.829449	5.042946	5.053470	9.619267	9.238713
#3	5.021091	5.158939	4.845331	5.083162	5.077579	9.600225	9.060292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321113	2.419195	23.25140	.9883112	2.411149	1.249579	4.773314
Stddev	.0006889	.006716	.06531	.0015937	.005959	.003260	.026012
%RSD	.2968036	.2776007	.2808845	.1612576	.2471585	.2609134	.5449537
#1	.2326695	2.413511	23.29635	.9877609	2.407112	1.246988	4.783768
#2	.2323231	2.417468	23.28136	.9870655	2.408342	1.248509	4.792473
#3	.2313414	2.426605	23.17648	.9901071	2.417994	1.253240	4.743701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.250492	23.32261	2.418505	1.197500	25.02383	2.360093	2.451776
Stddev	.013973	.05022	.007976	.002423	.11642	.011712	.001725
%RSD	.6208843	.2153215	.3297783	.2023379	.4652183	.4962495	.0703631
#1	2.254687	23.36172	2.412123	1.194744	24.96206	2.361687	2.450765
#2	2.261887	23.34014	2.415945	1.199294	25.15812	2.370926	2.453768
#3	2.234902	23.26598	2.427446	1.198463	24.95132	2.347666	2.450795

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.35578	4.583581	4.986156	4.860359	4.621516	4.980024	5.009256
Stddev	.12742	.005443	.015342	.013520	.022189	.025737	.008498
%RSD	.5231688	.1187485	.3076964	.2781701	.4801302	.5168006	.1696371
#1	24.28187	4.588393	4.978723	4.845266	4.629235	4.957717	5.006037
#2	24.50291	4.584675	4.975946	4.864451	4.638815	5.008183	5.002837
#3	24.28255	4.577674	5.003799	4.871361	4.596498	4.974174	5.018892

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV02 Acquired: 1/30/2025 13:33:23 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.913241	4.603064	4.642252
Stddev	.014941	.031613	.035890
%RSD	.3041010	.6867830	.7731069
#1	4.899627	4.611384	4.675257
#2	4.910872	4.629685	4.647455
#3	4.929226	4.568123	4.604045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.373	54207.05	10020.10	1821.860	3912.500
Stddev	4.963	69.89	30.45	2.779	7.508
%RSD	.1826404	.1289269	.3038857	.1525325	.1918968
#1	2719.771	54254.67	9985.00	1818.846	3916.675
#2	2720.682	54239.66	10039.42	1824.321	3916.991
#3	2711.667	54126.82	10035.89	1822.415	3903.832

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB02 Acquired: 1/30/2025 13:37:34 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0009652	-.000937	-.000888	-.000696	-.001747	-.007566	-.002891
Stddev	.0006081	.000382	.001267	.002408	.000951	.000959	.000463
%RSD	63.00305	40.77883	142.6804	346.1136	54.39768	12.67525	16.02352
#1	.0012532	-.001373	-.001305	-.001778	-.001783	-.007857	-.002937
#2	.0002666	-.000778	-.001894	.002063	-.002680	-.008346	-.003329
#3	.0013759	-.000660	.000535	-.002372	-.000779	-.006496	-.002406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000582	-.000245	-.014829	-.000014	-.000132	.0005116	-.012592
Stddev	.0000440	.000089	.004924	.000299	.000219	.0001203	.004262
%RSD	75.66632	36.34818	33.20443	2177.364	166.3505	23.51626	33.84763
#1	.0000790	-.000267	-.017860	.000316	-.000154	.0003966	-.009730
#2	.0000879	-.000147	-.017481	-.000092	-.000338	.0006366	-.010556
#3	.0000076	-.000322	-.009148	-.000266	.000098	.0005016	-.017490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000659	-.000399	-.000270	.0009650	.0222632	-.000931	-.003104
Stddev	.000213	.005582	.000257	.0003582	.0035866	.000117	.000253
%RSD	32.33528	1397.632	95.06688	37.11449	16.11004	12.56938	8.144051
#1	-.000413	-.006276	-.000175	.0013326	.0185853	-.000917	-.003395
#2	-.000784	.004832	-.000561	.0006170	.0257509	-.001054	-.002971
#3	-.000781	.000245	-.000075	.0009455	.0224533	-.000821	-.002944

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437321	.0035653	-.000461	-.000365	.0008606	-.010803	.0002250
Stddev	.0192305	.0006385	.000116	.000498	.0004675	.010395	.0004768
%RSD	43.97330	17.90745	25.03554	136.3321	54.32429	96.22540	211.9342
#1	.0624736	.0042880	-.000328	-.000385	.0010686	-.008019	.0002354
#2	.0446754	.0030779	-.000522	-.000854	.0011879	-.022306	-.000257
#3	.0240474	.0033301	-.000534	.000142	.0003252	-.002083	.000697

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB02 Acquired: 1/30/2025 13:37:34 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.006004	-.004671	-.000400
Stddev	.003232	.001292	.000051
%RSD	53.83286	27.65270	12.79702
#1	-.004345	-.005716	-.000346
#2	-.009728	-.005071	-.000447
#3	-.003938	-.003227	-.000408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2840.079	55921.41	10406.74	1898.567	4297.647
Stddev	4.096	81.01	86.12	8.507	9.439
%RSD	.1442170	.1448701	.8274968	.4480641	.2196248
#1	2835.743	55958.41	10499.40	1900.040	4286.902
#2	2843.883	55977.31	10391.65	1906.241	4304.600
#3	2840.610	55828.50	10329.16	1889.420	4301.439

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-08 Acquired: 1/30/2025 13:41:55 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004556	-.010050	.0020039	.0019116	-.000176	-.082495	.0664394
Stddev	.001164	.001736	.0001802	.0015981	.001598	.001871	.0006065
%RSD	25.55246	17.27032	8.992068	83.60168	909.1541	2.268286	.9128676
#1	-.005854	-.010157	.0017959	.0003935	.001591	-.082171	.0665652
#2	-.004211	-.008263	.0021009	.0035793	-.000598	-.080807	.0669732
#3	-.003603	-.011729	.0021147	.0017621	-.001520	-.084507	.0657799

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	-.000317	162.1925	.0008518	-.000539	.0053556	-.007253
Stddev	.000062	.000040	.3273	.0002361	.000173	.0004166	.002542
%RSD	50.33962	12.69804	.2017839	27.72480	32.14173	7.778702	35.04725
#1	-.000072	-.000272	161.8326	.0007402	-.000343	.0058145	-.010144
#2	-.000105	-.000351	162.2729	.0011230	-.000673	.0050013	-.006246
#3	-.000192	-.000327	162.4722	.0006921	-.000600	.0052510	-.005368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1159605	21.17256	.0043002	.0003904	335.5894	.0003705	.0160641
Stddev	.0004659	.00649	.0001501	.0004080	5.1470	.0013591	.0000948
%RSD	.4017965	.0306731	3.490876	104.5134	1.533731	366.8107	.5903631
#1	.1159480	21.16506	.0041361	.0002292	341.5118	.0019169	.0161466
#2	.1155009	21.17628	.0043340	.0000877	332.1978	-.000171	.0160853
#3	.1164325	21.17635	.0044305	.0008544	333.0584	-.000634	.0159605

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.568691	.1788394	.0014470	-.002082	-.003238	4.422595	.0164314
Stddev	.016893	.0010914	.0002571	.000933	.000646	.016031	.0028635
%RSD	.6576508	.6102825	17.76668	44.81440	19.95027	.3624789	17.42676
#1	2.559119	.1796957	.0017163	-.002583	-.002879	4.421369	.0169971
#2	2.588196	.1776105	.0014203	-.002659	-.002851	4.439204	.0133273
#3	2.558757	.1792122	.0012042	-.001006	-.003984	4.407213	.0189698

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-08 Acquired: 1/30/2025 13:41:55 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.194359	-.029217	.5457410
Stddev	.027283	.001640	.0014489
%RSD	.4404446	5.614046	.2654955
#1	6.176704	-.027824	.5441039
#2	6.180591	-.028802	.5462610
#3	6.225783	-.031025	.5468582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.510	50411.00	10243.45	1682.538	3603.652
Stddev	8.353	97.70	19.89	6.253	12.284
%RSD	.3315136	.1938101	.1941436	.3716574	.3408688
#1	2518.215	50361.67	10242.08	1681.420	3604.082
#2	2528.435	50347.80	10263.99	1676.919	3615.715
#3	2511.881	50523.53	10224.28	1689.274	3591.159

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-04 Acquired: 1/30/2025 13:46:19 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004886	-.007340	.0216452	-.000467	-.002517	-.021867	.1566025
Stddev	.001646	.000808	.0004710	.003854	.001039	.007517	.0002781
%RSD	33.69473	11.01308	2.175845	824.7382	41.28549	34.37587	.1775708
#1	-.005919	-.007882	.0211118	.003020	-.001716	-.030139	.1567379
#2	-.002987	-.006411	.0218202	.000183	-.002143	-.015454	.1562826
#3	-.005751	-.007727	.0220037	-.004605	-.003691	-.020007	.1567869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	.0002420	70.68511	.0005351	.0013055	.0159261	.0033184
Stddev	.000042	.0000565	.14994	.0001823	.0000320	.0002919	.0018469
%RSD	37.74019	23.36533	.2121256	34.06166	2.453297	1.832505	55.65613
#1	-.000145	.0002446	70.52004	.0007239	.0013257	.0161587	.0022549
#2	-.000124	.0002972	70.72239	.0003603	.0012686	.0160211	.0022493
#3	-.000064	.0001842	70.81289	.0005210	.0013223	.0155986	.0054510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2986947	4.952489	.0058300	.0004037	267.4664	-.000137	.1050162
Stddev	.0004740	.008768	.0000919	.0006166	1.5602	.000979	.0004074
%RSD	.1586884	.1770496	1.576230	152.7298	.5833283	712.5979	.3878920
#1	.2981556	4.945812	.0058125	-.000171	266.2623	.000943	.1051082
#2	.2988823	4.949237	.0059293	.000327	266.9079	-.000392	.1053697
#3	.2990461	4.962419	.0057480	.001055	269.2290	-.000964	.1045708

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.318309	.0062994	.0004826	-.001824	-.001364	1.599177	.0253454
Stddev	.008062	.0004616	.0001071	.000702	.000705	.012971	.0038389
%RSD	.6115580	7.328216	22.19337	38.47595	51.70322	.8111357	15.14612
#1	1.322618	.0064229	.0005893	-.002362	-.000834	1.584200	.0296273
#2	1.323300	.0066868	.0003751	-.002080	-.001093	1.606853	.0241972
#3	1.309008	.0057886	.0004836	-.001030	-.002165	1.606477	.0222117

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-04 Acquired: 1/30/2025 13:46:19 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6664207	-.017780	.1889157
Stddev	.0010825	.000783	.0003202
%RSD	.1624274	4.402334	.1695157
#1	.6670904	-.018028	.1886550
#2	.6669998	-.016904	.1888190
#3	.6651719	-.018409	.1892732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.838	51912.32	10250.76	1746.249	3822.840
Stddev	3.234	65.56	23.14	7.737	7.398
%RSD	.1223172	.1262890	.2257065	.4430655	.1935326
#1	2640.231	51983.79	10276.92	1744.034	3815.926
#2	2644.805	51854.96	10242.36	1754.852	3821.953
#3	2646.478	51898.22	10232.99	1739.861	3830.643

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-08 Acquired: 1/30/2025 13:50:46 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.003327	-.008529	.0076136	.0032310	-.000955	-.045083	.0787608
Stddev	.002026	.002692	.0007240	.0010258	.001357	.005887	.0002832
%RSD	60.90648	31.56496	9.509923	31.74834	142.1268	13.05800	.3595038
#1	-.004197	-.006680	.0082070	.0029705	.000102	-.048088	.0787258
#2	-.004773	-.007289	.0068069	.0043619	-.002485	-.038300	.0784968
#3	-.001011	-.011617	.0078271	.0023606	-.000481	-.048860	.0790598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000127	-.000011	133.0248	.0014507	.0029499	.0084729	.0359458
Stddev	.000012	.000037	.2396	.0002040	.0001645	.0004356	.0043008
%RSD	9.055506	345.0486	.1801478	14.06241	5.577641	5.141414	11.96477
#1	-.000128	.000021	133.3014	.0012334	.0028435	.0089626	.0313718
#2	-.000116	-.000051	132.8793	.0014806	.0028667	.0081284	.0399079
#3	-.000139	-.000001	132.8938	.0016381	.0031394	.0083277	.0365576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4145183	4.709149	.0101790	.0005812	292.9596	.0009048	.0590928
Stddev	.0008905	.003461	.0001615	.0003803	3.6526	.0004544	.0002644
%RSD	.2148362	.0734931	1.586247	65.44497	1.246783	50.22133	.4474492
#1	.4139515	4.710909	.0101893	.0008397	293.8954	.0004676	.0592925
#2	.4140585	4.711377	.0100126	.0001444	296.0532	.0013747	.0587930
#3	.4155447	4.705162	.0103351	.0007594	288.9301	.0008721	.0591929

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.610916	.0211232	.0013662	-.002771	-.002363	5.121455	.0055977
Stddev	.040414	.0003089	.0002174	.000977	.000136	.018261	.0017040
%RSD	1.547900	1.462552	15.91294	35.25550	5.735671	.3565663	30.44047
#1	2.586160	.0213745	.0012849	-.002056	-.002352	5.107396	.0063429
#2	2.657553	.0207783	.0012012	-.003884	-.002503	5.142095	.0068021
#3	2.589035	.0212167	.0016125	-.002373	-.002233	5.114876	.0036480

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-08 Acquired: 1/30/2025 13:50:46 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.003239	-.026018	.3780190
Stddev	.001952	.000885	.0004822
%RSD	.0487659	3.400567	.1275490
#1	4.001862	-.025854	.3774919
#2	4.005473	-.025227	.3781274
#3	4.002382	-.026974	.3784377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.527	51419.10	10249.12	1746.084	3709.207
Stddev	3.940	97.59	57.17	7.104	4.229
%RSD	.1519907	.1897909	.5577587	.4068366	.1140121
#1	2590.741	51311.84	10187.65	1739.083	3708.315
#2	2589.796	51442.82	10300.69	1745.881	3705.495
#3	2597.044	51502.64	10259.01	1753.286	3713.811

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-12 Acquired: 1/30/2025 13:55:10 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.005840	-.010224	-.000153	.0016620	.0004471	-.071026	.0646473
Stddev	.003186	.001200	.000639	.0023575	.0011083	.013038	.0005565
%RSD	54.54767	11.74092	418.2898	141.8536	247.8793	18.35619	.8607923
#1	-.006349	-.011162	-.000036	.0027871	-.000056	-.056937	.0647981
#2	-.002431	-.010639	.000420	.0032461	-.000320	-.082664	.0640310
#3	-.008741	-.008871	-.000842	-.001047	.001718	-.073479	.0651128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000136	-.000003	160.8372	.0004196	.0010671	.0064364	-.003167
Stddev	.000036	.000113	.2192	.0003323	.0001477	.0005701	.002473
%RSD	26.39066	4124.068	.1362743	79.19273	13.83734	8.858223	78.06872
#1	-.000138	-.000051	160.6739	.0001360	.0011414	.0066573	-.005652
#2	-.000100	-.000084	161.0863	.0003375	.0008970	.0068630	-.003143
#3	-.000171	.000127	160.7514	.0007852	.0011627	.0057888	-.000707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2469431	4.608727	.0087196	.0002737	264.6932	-.000773	.0326476
Stddev	.0003671	.029975	.0003217	.0001655	1.3812	.001657	.0001966
%RSD	.1486580	.6504069	3.689749	60.47253	.5218043	214.3112	.6022591
#1	.2471131	4.581446	.0084200	.0004635	263.3419	.001115	.0324456
#2	.2465218	4.603918	.0086792	.0001598	266.1024	-.001985	.0326588
#3	.2471944	4.640816	.0090596	.0001976	264.6354	-.001450	.0328383

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.671351	.0262092	.0026421	-.001709	-.003604	4.816841	.0116752
Stddev	.054049	.0003718	.0001940	.000553	.000685	.017409	.0033479
%RSD	1.472170	1.418526	7.340791	32.37545	19.01920	.3614285	28.67527
#1	3.685305	.0263894	.0025584	-.001156	-.004299	4.799564	.0146126
#2	3.717054	.0264565	.0028639	-.001709	-.003583	4.834380	.0123830
#3	3.611694	.0257817	.0025041	-.002262	-.002929	4.816579	.0080300

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-12 Acquired: 1/30/2025 13:55:10 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	9.036963	-.028620	.4072336
Stddev	.032637	.000688	.0009953
%RSD	.3611549	2.403092	.2443975
#1	9.030232	-.028466	.4078586
#2	9.008215	-.029371	.4077563
#3	9.072441	-.028022	.4060859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.504	51728.27	10289.07	1736.116	3702.248
Stddev	1.781	150.50	31.29	4.556	5.272
%RSD	.0693100	.2909427	.3041557	.2624474	.1423895
#1	2567.879	51796.85	10324.55	1740.950	3699.477
#2	2571.408	51555.69	10277.28	1731.901	3708.327
#3	2569.224	51832.26	10265.39	1735.498	3698.940

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-16 Acquired: 1/30/2025 13:59:35 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.006796	-.010281	.0011190	.0003772	.0000229	-.098329
Stddev	.000961	.001482	.0017190	.0022084	.0011885	.004797
%RSD	14.13976	14.41577	153.6104	585.5000	5180.168	4.878743
#1	-.007654	-.008732	-.000753	-.001250	-.000860	-.096886
#2	-.005758	-.011685	.001483	-.000510	-.000445	-.103683
#3	-.006977	-.010427	.002627	.002891	.001374	-.094420

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550889	-.000148	-.000330	170.8861	.0009840	.0001632
Stddev	.0005454	.000024	.000066	.2062	.0002774	.0001195
%RSD	.9899710	16.00386	19.89210	.1206574	28.19046	73.19385
#1	.0555970	-.000125	-.000255	171.1054	.0011616	.0001299
#2	.0545127	-.000172	-.000362	170.6961	.0011262	.0002957
#3	.0551570	-.000146	-.000374	170.8568	.0006644	.0000639

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043895	-.010729	.1802688	13.39130	.0074630	.0005854
Stddev	.0001778	.001708	.0008574	.01726	.0001154	.0002921
%RSD	4.051546	15.92272	.4756414	.1289102	1.546416	49.88824
#1	.0041985	-.009126	.1805506	13.39365	.0073746	.0007201
#2	.0045503	-.010536	.1809498	13.37298	.0075936	.0007858
#3	.0044197	-.012526	.1793059	13.40726	.0074209	.0002503

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	321.0816	.0013641	.0147113	4.107151	.0931332	.0028824
Stddev	.9568	.0005478	.0001710	.040194	.0007711	.0000693
%RSD	.2979823	40.15812	1.162551	.9786347	.8279148	2.403464
#1	320.1237	.0007355	.0149025	4.063465	.0939365	.0028028
#2	322.0373	.0016172	.0145728	4.115422	.0923990	.0029154
#3	321.0839	.0017396	.0146587	4.142566	.0930643	.0029289

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-16 Acquired: 1/30/2025 13:59:35 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.002233	-.003153	4.707509	.0120850	F 11.31463	-.029456
Stddev	.000850	.000456	.037466	.0015936	.04125	.000522
%RSD	38.04539	14.45917	.7958813	13.18634	.3645997	1.772194
#1	-.002850	-.002627	4.664391	.0134376	11.30233	-.029188
#2	-.002586	-.003398	4.732120	.0124891	11.28093	-.029124
#3	-.001264	-.003434	4.726017	.0103283	11.36064	-.030058

Elem	Sr4077
Units	ppm
Avg	.3395354
Stddev	.0007491
%RSD	.2206344
#1	.3398029
#2	.3401141
#3	.3386893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.675	50777.53	10155.42	1693.211	3611.804
Stddev	1.101	120.81	45.10	5.896	.357
%RSD	.0436754	.2379120	.4440745	.3482010	.0098958
#1	2520.403	50897.29	10103.61	1696.998	3612.047
#2	2522.297	50655.71	10176.87	1686.418	3611.971
#3	2522.325	50779.58	10185.79	1696.217	3611.393

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-20 Acquired: 1/30/2025 14:03:59 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.007082	-.009360	.0270665	.0024535	-.000240	-.085818	.0840302
Stddev	.003514	.001422	.0004509	.0018738	.000598	.004112	.0006030
%RSD	49.62588	15.18984	1.665955	76.37328	249.4111	4.791634	.7176356
#1	-.010551	-.008187	.0269739	.0004404	.000105	-.088933	.0833341
#2	-.007170	-.008951	.0275565	.0041468	.000106	-.081157	.0843923
#3	-.003524	-.010941	.0266691	.0027733	-.000930	-.087363	.0843642

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.000012	166.8575	.0006159	.0010614	.0086361	-.000415
Stddev	.000028	.000045	.3875	.0003414	.0001071	.0002940	.003648
%RSD	26.43804	378.9644	.2322532	55.44247	10.09179	3.403992	879.8206
#1	-.000136	-.000046	167.2839	.0007818	.0010270	.0089749	.003512
#2	-.000094	.000039	166.5269	.0002232	.0009757	.0084494	-.003699
#3	-.000083	-.000029	166.7616	.0008426	.0011815	.0084839	-.001058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2101421	7.323700	.0051582	.0003533	322.5977	.0006812	.0513729
Stddev	.0012915	.013023	.0003698	.0001846	1.5965	.0003297	.0001301
%RSD	.6145970	.1778267	7.169078	52.25259	.4948805	48.39655	.2532384
#1	.2100779	7.337282	.0052111	.0001584	323.9809	.0004358	.0512607
#2	.2088839	7.311318	.0047648	.0005254	320.8507	.0005518	.0513425
#3	.2114645	7.322501	.0054987	.0003761	322.9614	.0010559	.0515155

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.839044	.0568055	.0010425	-.000627	-.003421	2.642563	.0178744
Stddev	.023578	.0008279	.0000851	.000266	.000701	.002093	.0039974
%RSD	.8304937	1.457488	8.165057	42.40815	20.47519	.0792189	22.36400
#1	2.862498	.0577181	.0010432	-.000463	-.003970	2.640788	.0194117
#2	2.815344	.0561026	.0009570	-.000934	-.002632	2.642030	.0133365
#3	2.839288	.0565959	.0011272	-.000485	-.003662	2.644871	.0208749

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-20 Acquired: 1/30/2025 14:03:59 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	3.620080	-.031136	.4424209
Stddev	.019155	.000476	.0009226
%RSD	.5291186	1.527232	.2085260
#1	3.617774	-.031595	.4432302
#2	3.602183	-.031165	.4414163
#3	3.640283	-.030646	.4426162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.360	50608.42	10329.11	1693.038	3601.889
Stddev	13.739	153.62	57.33	10.059	16.368
%RSD	.5459735	.3035400	.5549904	.5941105	.4544222
#1	2526.001	50432.47	10262.92	1681.516	3616.688
#2	2522.451	50676.92	10363.20	1697.526	3604.671
#3	2500.630	50715.86	10361.20	1700.070	3584.309

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-04 Acquired: 1/30/2025 14:08:24 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004828	-.007758	.0092961	.0020486	-.002090	.8112638	.1507520
Stddev	.000565	.001797	.0008534	.0030950	.000567	.0084459	.0013459
%RSD	11.69185	23.16877	9.180669	151.0771	27.13631	1.041081	.8928022
#1	-.004369	-.009195	.0100743	.0043335	-.001435	.8049321	.1510606
#2	-.005459	-.005743	.0094305	.0032861	-.002397	.8080058	.1519168
#3	-.004658	-.008337	.0083834	-.001474	-.002437	.8208535	.1492786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000224	-.000017	6.847857	.0015326	-.000241	.0092300	.3810825
Stddev	.0000487	.000129	.008042	.0002520	.000172	.0002306	.0051893
%RSD	217.8146	779.7180	.1174361	16.44309	71.53574	2.498227	1.361733
#1	-.000018	-.000066	6.847714	.0012433	-.000102	.0090278	.3789920
#2	.000076	.000130	6.855970	.0017043	-.000187	.0091811	.3772645
#3	.000009	-.000114	6.839888	.0016502	-.000434	.0094812	.3869911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089752	1.172763	.0012871	.0008258	290.7178	.0001722	.0697417
Stddev	.0004202	.004422	.0000530	.0003077	3.8362	.0002555	.0003920
%RSD	4.681622	.3770239	4.114448	37.25852	1.319573	148.3530	.5620393
#1	.0092931	1.169887	.0013177	.0005126	291.4666	-.000025	.0696962
#2	.0091336	1.177854	.0012260	.0008372	294.1245	.000461	.0701545
#3	.0084988	1.170547	.0013177	.0011276	286.5624	.000081	.0693745

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4116228	.0079979	-.000153	.0009308	.0254305	1.364231	.0188803
Stddev	.0107266	.0004088	.000398	.0011948	.0011821	.013320	.0004884
%RSD	2.605933	5.111478	259.6506	128.3610	4.648445	.9763429	2.586744
#1	.4084125	.0075261	.000264	-.000443	.0246728	1.366626	.0183376
#2	.4028679	.0082204	-.000528	.001511	.0248260	1.349876	.0192846
#3	.4235880	.0082471	-.000196	.001725	.0267926	1.376190	.0190186

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-04 Acquired: 1/30/2025 14:08:24 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.4367808	-.008698	.0492747
Stddev	.0025892	.000321	.0000757
%RSD	.5927857	3.688787	.1537092
#1	.4397350	-.008815	.0493549
#2	.4349056	-.008335	.0492044
#3	.4357018	-.008944	.0492648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.263	52507.30	10492.44	1780.425	3889.221
Stddev	.946	228.72	40.71	4.699	5.514
%RSD	.0353017	.4356000	.3879749	.2639255	.1417802
#1	2679.197	52269.06	10446.70	1776.609	3895.492
#2	2681.004	52725.14	10524.69	1785.674	3887.039
#3	2680.588	52527.71	10505.93	1778.993	3885.131

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08 Acquired: 1/30/2025 14:12:51 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.005378	-.007983	.0059728	.0008264	-.001587	.0673721	.2034552
Stddev	.000500	.001565	.0005354	.0022488	.000745	.0087589	.0001369
%RSD	9.288125	19.60292	8.963999	272.1133	46.93214	13.00081	.0672964
#1	-.005721	-.008955	.0057388	-.001366	-.000757	.0631743	.2034073
#2	-.004805	-.006178	.0065854	.003128	-.002198	.0615022	.2036097
#3	-.005608	-.008816	.0055942	.000717	-.001807	.0774398	.2033487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000397	8.473920	.0007853	-.000421	.0066576	.0367172
Stddev	.000038	.000055	.025007	.0001452	.000098	.0003663	.0018574
%RSD	185.7020	13.92040	.2951065	18.48948	23.28355	5.501797	5.058541
#1	-.000012	-.000411	8.456170	.0008989	-.000533	.0062347	.0347255
#2	-.000062	-.000444	8.463070	.0008353	-.000350	.0068645	.0370243
#3	.000012	-.000336	8.502519	.0006217	-.000381	.0068736	.0384019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220700	1.232795	.0010457	.0001371	334.4614	-.002635	.0318427
Stddev	.0000845	.022101	.0003063	.0004662	1.7817	.001132	.0005746
%RSD	.3831159	1.792765	29.29603	340.0399	.5327134	42.97464	1.804387
#1	.0220875	1.208349	.0007476	-.000378	332.4044	-.003093	.0324763
#2	.0219781	1.251363	.0010297	.000530	335.5222	-.003467	.0316965
#3	.0221445	1.238671	.0013597	.000260	335.4576	-.001345	.0313554

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4145062	.0062462	.0002082	.0014120	.0026712	.4470788	.0250918
Stddev	.0241829	.0005197	.0003211	.0009423	.0007479	.0082938	.0016047
%RSD	5.834148	8.319799	154.2288	66.73508	27.99742	1.855117	6.395295
#1	.3973904	.0068328	-.000148	.0013035	.0034680	.4497835	.0268266
#2	.4421717	.0058434	.000475	.0005287	.0019845	.4536827	.0247884
#3	.4039565	.0060624	.000298	.0024039	.0025611	.4377703	.0236605

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08 Acquired: 1/30/2025 14:12:51 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.4094977	-.009238	.0455935
Stddev	.0019205	.000461	.0001982
%RSD	.4689906	4.995200	.4347890
#1	.4100096	-.009414	.0454388
#2	.4073731	-.009586	.0455248
#3	.4111104	-.008715	.0458170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.517	51605.59	10309.69	1766.208	3850.200
Stddev	3.660	70.33	63.83	4.039	4.950
%RSD	.1369989	.1362776	.6190944	.2286773	.1285758
#1	2667.705	51635.14	10311.80	1763.792	3849.034
#2	2675.003	51525.31	10372.43	1763.962	3855.629
#3	2671.841	51656.32	10244.83	1770.871	3845.936

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08DUP Acquired: 1/30/2025 14:17:19 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004037	-.008691	.0059932	.0047162	-.001812	.0714857	.2002477
Stddev	.000445	.001427	.0013689	.0015989	.000611	.0042309	.0004529
%RSD	11.02843	16.41828	22.84140	33.90155	33.70365	5.918464	.2261703
#1	-.003533	-.007898	.0075456	.0039009	-.001276	.0692573	.2007660
#2	-.004377	-.007838	.0054746	.0036894	-.001682	.0688348	.1999284
#3	-.004200	-.010339	.0049593	.0065584	-.002477	.0763650	.2000486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000260	-.000305	8.440678	.0006696	-.000558	.0064147	.0396497
Stddev	.0000444	.000108	.014884	.0001389	.000050	.0000834	.0036705
%RSD	170.6691	35.36634	.1763349	20.74632	8.937830	1.300469	9.257257
#1	.0000620	-.000389	8.457517	.0007428	-.000543	.0063457	.0386200
#2	.0000395	-.000183	8.435241	.0005094	-.000518	.0063911	.0437251
#3	-.000024	-.000341	8.429278	.0007565	-.000614	.0065074	.0366041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218177	1.229181	.0007376	.0001091	331.5735	-.000371	.0317745
Stddev	.0000697	.010149	.0005034	.0002622	2.9910	.000987	.0004353
%RSD	.3192779	.8256614	68.25454	240.3916	.9020548	266.5118	1.370117
#1	.0217373	1.236714	.0012759	-.000071	334.1288	-.000387	.0321243
#2	.0218544	1.233190	.0006583	-.000012	332.3079	.000625	.0319122
#3	.0218613	1.217640	.0002785	.000410	328.2837	-.001350	.0312869

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4327807	.0058771	.0000192	.0011335	.0020938	.4411629	.0234941
Stddev	.0343221	.0002632	.0002744	.0002236	.0009317	.0031322	.0035535
%RSD	7.930605	4.477873	1430.468	19.73034	44.49890	.7099753	15.12519
#1	.3961068	.0061523	.0000356	.0008761	.0018970	.4377808	.0215632
#2	.4381072	.0056279	.0002850	.0012437	.0031082	.4439636	.0213240
#3	.4641283	.0058511	-.000263	.0012805	.0012762	.4417443	.0275950

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08DUP Acquired: 1/30/2025 14:17:19 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.4219433	-.007360	.0455990
Stddev	.0039473	.000440	.0002297
%RSD	.9355164	5.971845	.5038245
#1	.4257115	-.007763	.0457130
#2	.4178384	-.007424	.0457494
#3	.4222801	-.006892	.0453346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.434	51956.91	10313.14	1759.981	3771.646
Stddev	4.850	198.51	12.63	5.905	10.586
%RSD	.1850717	.3820629	.1224570	.3355337	.2806650
#1	2620.407	52088.37	10299.17	1764.551	3777.587
#2	2625.296	51728.56	10316.49	1753.313	3777.926
#3	2615.597	52053.79	10323.76	1762.078	3759.424

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08LX5 Acquired: 1/30/2025 14:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.002517	-.002317	.0011410	.0011331	-.002115	-.000969	.0390572
Stddev	.000661	.001412	.0010240	.0023133	.002064	.004017	.0000852
%RSD	26.26123	60.91661	89.75195	204.1469	97.61905	414.6422	.2180811
#1	-.002837	-.000860	.0020877	-.001528	-.003343	-.004879	.0391451
#2	-.002956	-.003678	.0012811	.002666	-.003270	.003147	.0390514
#3	-.001757	-.002414	.0000541	.002262	.000269	-.001175	.0389751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000278	-.000313	1.678790	.0001205	-.000170	.0013414	-.006972
Stddev	.0000238	.000034	.013943	.0004396	.000189	.0003256	.002218
%RSD	85.64788	10.91358	.8305531	364.9957	111.3109	24.27540	31.80672
#1	.0000542	-.000339	1.666618	-.000353	-.000135	.0017030	-.006026
#2	.0000213	-.000274	1.694003	.000515	-.000374	.0010714	-.009506
#3	.0000079	-.000325	1.675750	.000199	-.000001	.0012498	-.005384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039589	.2447884	-.000155	.0004208	64.69002	-.001072	.0038686
Stddev	.0001343	.0180836	.000162	.0001882	.12768	.001207	.0001708
%RSD	3.392374	7.387421	104.3025	44.73423	.1973696	112.5461	4.416109
#1	.0038045	.2524128	.000030	.0005699	64.75303	-.000731	.0036770
#2	.0040238	.2578112	-.000270	.0004833	64.77394	-.000073	.0040051
#3	.0040485	.2241412	-.000226	.0002093	64.54308	-.002412	.0039237

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2238959	-.002817	-.000420	.0006529	.0010325	.0783187	.0044298
Stddev	.0104355	.000818	.000097	.0005986	.0005780	.0043108	.0035876
%RSD	4.660869	29.04801	23.11018	91.68247	55.98133	5.504159	80.98792
#1	.2336024	-.001947	-.000503	.0013204	.0006112	.0777627	.0071851
#2	.2128590	-.003572	-.000444	.0004750	.0007949	.0828806	.0057314
#3	.2252262	-.002931	-.000313	.0001635	.0016915	.0743129	.0003731

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08LX5 Acquired: 1/30/2025 14:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0836729	-.002791	.0087148
Stddev	.0033797	.001090	.0000892
%RSD	4.039190	39.04801	1.023199
#1	.0848765	-.003017	.0087301
#2	.0798562	-.003750	.0087953
#3	.0862861	-.001606	.0086190

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.530	54261.76	10570.14	1843.057	4025.197
Stddev	4.988	147.67	30.89	4.711	7.983
%RSD	.1816014	.2721528	.2922848	.2556260	.1983323
#1	2744.200	54091.37	10534.46	1838.762	4025.448
#2	2752.256	54352.74	10588.02	1842.315	4033.052
#3	2743.133	54341.17	10587.92	1848.096	4017.092

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV03 Acquired: 1/30/2025 14:34:39 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882883	5.074105	4.905267	5.010479	4.777456	9.646271	9.434231
Stddev	.019248	.046232	.248330	.138413	.306692	.004101	.132823
%RSD	.3941944	.9111299	5.062511	2.762462	6.419574	.0425098	1.407883
#1	4.879779	5.116640	4.761658	4.951260	4.967645	9.643942	9.448254
#2	4.865375	5.080773	4.762130	4.911528	4.941071	9.651006	9.559486
#3	4.903494	5.024901	5.192013	5.168649	4.423650	9.643865	9.294953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2310269	2.488144	23.50375	.9851625	2.436307	1.204762	4.870718
Stddev	.0013041	.196544	.01610	.0035858	.099752	.046423	.035352
%RSD	.5644629	7.899228	.0684794	.3639803	4.094382	3.853319	.7258131
#1	.2295212	2.375657	23.49562	.9878967	2.380923	1.232846	4.904953
#2	.2317714	2.373684	23.49333	.9864882	2.376535	1.230262	4.872856
#3	.2317882	2.715091	23.52228	.9811026	2.551462	1.151178	4.834345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.298566	23.36711	2.451003	1.212087	25.20885	2.381032	2.451249
Stddev	.002344	.05178	.115424	.000961	.22624	.007859	.006562
%RSD	.1019861	.2215893	4.709249	.0793173	.8974571	.3300571	.2677190
#1	2.297472	23.30779	2.385820	1.211200	25.46894	2.381026	2.458486
#2	2.296969	23.40328	2.382917	1.211951	25.09993	2.373176	2.445686
#3	2.301257	23.39025	2.584273	1.213108	25.05767	2.388893	2.449573

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.89228	4.596724	4.922869	4.979916	4.697450	5.032623	5.034477
Stddev	.25463	.035748	.040235	.319014	.006643	.028295	.152021
%RSD	1.022909	.7776906	.8173026	6.406009	.1414101	.5622262	3.019590
#1	25.18542	4.557709	4.953512	4.794930	4.703025	5.062057	4.954573
#2	24.76538	4.604556	4.937790	4.796537	4.690100	5.030189	4.939071
#3	24.72605	4.627907	4.877305	5.348280	4.699225	5.005624	5.209787

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV03 Acquired: 1/30/2025 14:34:39 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.804596	4.716611	4.751713
Stddev	.014702	.014748	.004865
%RSD	.3059944	.3126888	.1023903
#1	4.799047	4.724283	4.757291
#2	4.793476	4.699608	4.748344
#3	4.821265	4.725942	4.749503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.600	54462.51	10069.03	1852.085	4288.855
Stddev	468.796	189.11	46.07	9.538	495.422
%RSD	15.39764	.3472343	.4575450	.5149670	11.55137
#1	2766.794	54274.69	10122.16	1843.443	3997.216
#2	2781.150	54459.92	10044.88	1850.495	4008.467
#3	3585.856	54652.89	10040.06	1862.318	4860.881

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB03 Acquired: 1/30/2025 14:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0001427	-.001400	.0000723	.0000540	-.001928	-.014671	-.001586
Stddev	.0005003	.002401	.0003521	.0015375	.000740	.002139	.000446
%RSD	350.7226	171.4892	487.0934	2845.767	38.37435	14.58168	28.14281
#1	.0000654	-.003775	-.000271	.0002488	-.002676	-.012275	-.002071
#2	.0006771	-.001451	.000055	.0014848	-.001197	-.016388	-.001495
#3	-.000315	.001026	.000433	-.001572	-.001910	-.015350	-.001193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000423	-.000195	-.022023	-.000029	-.000174	-.000420	-.018260
Stddev	.0000032	.000064	.002859	.000341	.000007	.000145	.003312
%RSD	7.490872	32.94620	12.98204	1159.945	4.033997	34.58813	18.13945
#1	.0000440	-.000151	-.024668	-.000375	-.000166	-.000563	-.018122
#2	.0000386	-.000166	-.018990	-.000019	-.000177	-.000272	-.015019
#3	.0000441	-.000269	-.022412	.000306	-.000179	-.000424	-.021639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000974	-.005312	-.000318	.0002613	.0796542	-.001649	-.002969
Stddev	.000251	.015051	.000193	.0001751	.0056531	.001689	.000244
%RSD	25.73134	283.3497	60.83679	67.02636	7.097018	102.4452	8.233975
#1	-.000988	.009155	-.000320	.0004029	.0731496	.000112	-.002999
#2	-.001217	-.004204	-.000510	.0000655	.0824313	-.003255	-.003196
#3	-.000717	-.020886	-.000123	.0003155	.0833815	-.001803	-.002710

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1389682	.0062730	-.000110	-.000763	.0007844	-.009766	-.001977
Stddev	.0144468	.0001096	.000244	.000955	.0004565	.002857	.003362
%RSD	10.39576	1.747364	221.7961	125.1501	58.20171	29.25150	170.0286
#1	.1498220	.0063427	-.000000	-.000597	.0002584	-.009721	-.005689
#2	.1225706	.0063298	-.000389	-.001791	.0010778	-.006932	-.001107
#3	.1445121	.0061467	.000060	.000098	.0010170	-.012645	.000864

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB03 Acquired: 1/30/2025 14:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.003668	-.002673	-.000346
Stddev	.000322	.000538	.000019
%RSD	8.771386	20.11945	5.387864
#1	-.004022	-.002324	-.000366
#2	-.003394	-.002403	-.000329
#3	-.003587	-.003293	-.000344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.185	56601.12	10639.97	1923.223	4280.726
Stddev	14.913	213.00	8.19	9.263	19.301
%RSD	.5260105	.3763202	.0769476	.4816180	.4508757
#1	2848.701	56442.45	10639.45	1915.844	4298.715
#2	2837.668	56843.21	10648.41	1933.618	4283.126
#3	2819.186	56517.71	10632.06	1920.208	4260.337

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08MS Acquired: 1/30/2025 14:43:12 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.8184169	1.960568	.9509998	1.960102	.8089917	1.939694	.3672138
Stddev	.0043484	.011228	.0044908	.012466	.0037416	.005703	.0021525
%RSD	.5313178	.5726740	.4722158	.6360098	.4624949	.2940217	.5861578
#1	.8162997	1.962505	.9503224	1.953452	.8053938	1.933676	.3695399
#2	.8155325	1.948499	.9468861	1.952371	.8087192	1.940388	.3652925
#3	.8234184	1.970702	.9557907	1.974484	.8128620	1.945019	.3668089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1732414	.1939573	8.845635	.4102316	.1964968	.2991140	3.071371
Stddev	.0002573	.0008044	.024885	.0011074	.0007200	.0012573	.025237
%RSD	.1485426	.4147107	.2813215	.2699543	.3663906	.4203456	.8216756
#1	.1732793	.1933738	8.874279	.4102937	.1961557	.2980517	3.098317
#2	.1729673	.1936233	8.829344	.4113067	.1960107	.2987881	3.048290
#3	.1734778	.1948749	8.833282	.4090944	.1973239	.3005021	3.067506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1926243	2.923592	.4908224	.0725698	312.3922	.2840104	.2338818
Stddev	.0009308	.011478	.0014876	.0002025	2.3438	.0014139	.0012505
%RSD	.4832080	.3926079	.3030850	.2790140	.7502835	.4978431	.5346505
#1	.1929940	2.927570	.4898903	.0724268	313.0160	.2843339	.2329224
#2	.1915655	2.910654	.4900389	.0728015	314.3610	.2824627	.2334270
#3	.1933135	2.932552	.4925380	.0724812	309.7996	.2852345	.2352960

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97081	.2457689	.4293474	.6876886	.1885765	1.160497	5.947250
Stddev	.06757	.0002579	.0024036	.0006522	.0016389	.005167	.034363
%RSD	.6159104	.1049516	.5598221	.0948441	.8690821	.4452493	.5777954
#1	11.02874	.2458477	.4280145	.6880977	.1902774	1.160971	5.924705
#2	10.98711	.2454807	.4279056	.6869364	.1884445	1.165410	5.930245
#3	10.89658	.2459782	.4321221	.6880317	.1870076	1.155109	5.986800

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08MS Acquired: 1/30/2025 14:43:12 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.2926866	.1799165	.2233364
Stddev	.0033025	.0007780	.0007540
%RSD	1.128322	.4324046	.3376091
#1	.2959449	.1792094	.2241542
#2	.2893417	.1807499	.2226688
#3	.2927732	.1797903	.2231863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.378	52069.62	10297.11	1745.821	3804.009
Stddev	8.605	27.09	21.41	4.911	13.192
%RSD	.3266306	.0520301	.2078907	.2813034	.3467962
#1	2639.648	52052.97	10288.98	1745.745	3808.949
#2	2639.038	52055.01	10321.39	1750.770	3814.019
#3	2624.449	52100.88	10280.96	1740.949	3789.060

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08MSD Acquired: 1/30/2025 14:47:20 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.8220499	1.915812	.9544545	1.970047	.8108880	1.953558	.3711359
Stddev	.0058269	.028778	.0041088	.016561	.0021256	.006659	.0019285
%RSD	.7088207	1.502116	.4304897	.8406553	.2621378	.3408538	.5196108
#1	.8156486	1.884223	.9497109	1.950929	.8086695	1.960812	.3727180
#2	.8234561	1.922673	.9569057	1.979993	.8129066	1.947723	.3717020
#3	.8270450	1.940538	.9567469	1.979220	.8110879	1.952140	.3689878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1738719	.1944341	8.906124	.4109635	.1973880	.2996772	3.112673
Stddev	.0015239	.0009660	.065117	.0012628	.0007044	.0010116	.003410
%RSD	.8764594	.4968105	.7311439	.3072888	.3568510	.3375647	.1095544
#1	.1756312	.1933459	8.980977	.4123948	.1966305	.2987742	3.108742
#2	.1729600	.1947659	8.874856	.4100065	.1975101	.2994870	3.114825
#3	.1730246	.1951904	8.862538	.4104893	.1980234	.3007704	3.114454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1945981	2.961184	.4915785	.0734142	317.3579	.2877097	.2341762
Stddev	.0015207	.026686	.0025128	.0004537	3.7659	.0024207	.0004323
%RSD	.7814608	.9011878	.5111679	.6179732	1.186656	.8413753	.1845959
#1	.1958182	2.991829	.4887694	.0739381	319.4417	.2904468	.2340322
#2	.1928944	2.948649	.4923536	.0731579	319.6215	.2868323	.2338342
#3	.1950817	2.943073	.4936123	.0731467	313.0106	.2858501	.2346621

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02829	.2454834	.4313265	.6881285	.1903105	1.195477	5.932571
Stddev	.02558	.0029895	.0019872	.0031567	.0013423	.007109	.036383
%RSD	.2319710	1.217801	.4607185	.4587368	.7053089	.5946595	.6132809
#1	11.05510	.2489339	.4290382	.6846763	.1914601	1.191273	5.891158
#2	11.00415	.2436720	.4326179	.6888414	.1906361	1.191472	5.947159
#3	11.02561	.2438442	.4323235	.6908678	.1888354	1.203685	5.959397

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08MSD Acquired: 1/30/2025 14:47:20 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.2915236	.1813016	.2245983
Stddev	.0030154	.0011457	.0012509
%RSD	1.034366	.6319133	.5569404
#1	.2886614	.1824951	.2259578
#2	.2912377	.1802106	.2243410
#3	.2946719	.1811992	.2234960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.731	51954.11	10324.93	1746.486	3811.592
Stddev	6.485	50.32	76.32	2.087	11.693
%RSD	.2457646	.0968598	.7392259	.1194710	.3067738
#1	2645.904	51925.31	10237.45	1747.141	3825.084
#2	2633.282	51924.80	10359.47	1744.151	3805.279
#3	2637.008	52012.21	10377.89	1748.167	3804.412

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08A Acquired: 1/30/2025 14:51:28 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.8070846	1.921945	.9439772	1.935490	.7958130	1.937002	.3613193
Stddev	.0025446	.012417	.0035156	.011412	.0035692	.011020	.0008203
%RSD	.3152797	.6460713	.3724258	.5895974	.4484965	.5689112	.2270194
#1	.8079580	1.909917	.9417052	1.924051	.7924589	1.943031	.3621125
#2	.8042183	1.921199	.9421996	1.935545	.7954161	1.924283	.3604744
#3	.8090774	1.934718	.9480266	1.946874	.7995641	1.943692	.3613710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1767706	.1929222	8.846961	.4115932	.1953266	.2963146	3.054073
Stddev	.0006520	.0005024	.011648	.0011065	.0006362	.0005754	.017870
%RSD	.3688508	.2604117	.1316613	.2688335	.3256993	.1941933	.5851359
#1	.1760181	.1926443	8.834976	.4106356	.1949479	.2958118	3.074490
#2	.1771681	.1926200	8.847669	.4113394	.1949709	.2961898	3.041272
#3	.1771255	.1935021	8.858240	.4128045	.1960611	.2969422	3.046457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924494	2.941023	.4877030	.0729699	302.5797	.2814755	.2330662
Stddev	.0005189	.013297	.0013160	.0006441	2.2317	.0027098	.0006014
%RSD	.2696302	.4521284	.2698430	.8826927	.7375721	.9627086	.2580484
#1	.1918560	2.952694	.4870252	.0722932	301.2762	.2814965	.2325556
#2	.1928180	2.943829	.4868640	.0735755	301.3062	.2841747	.2337291
#3	.1926741	2.926547	.4892198	.0730410	305.1566	.2787552	.2329139

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.68939	.2489938	.4261760	.6845430	.1864364	1.187592	5.853718
Stddev	.05326	.0007093	.0018815	.0018952	.0012146	.002303	.021405
%RSD	.4982596	.2848586	.4414909	.2768624	.6514676	.1939029	.3656686
#1	10.74906	.2482576	.4247475	.6863414	.1864715	1.189664	5.861491
#2	10.67245	.2490512	.4254726	.6825639	.1876331	1.185112	5.829512
#3	10.64666	.2496727	.4283079	.6847237	.1852047	1.187999	5.870151

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1209-08A Acquired: 1/30/2025 14:51:28 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.2852789	.1770939	.2207505
Stddev	.0062369	.0009842	.0004666
%RSD	2.186259	.5557359	.2113714
#1	.2876908	.1774269	.2211590
#2	.2781962	.1759864	.2202420
#3	.2899497	.1778684	.2208505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.080	51547.37	10101.66	1754.653	3836.045
Stddev	5.759	80.46	57.52	3.839	8.392
%RSD	.2164227	.1560847	.5694430	.2187677	.2187682
#1	2666.954	51582.17	10159.87	1757.114	3836.974
#2	2660.844	51455.38	10044.85	1750.230	3843.934
#3	2655.443	51604.58	10100.27	1756.616	3827.227

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166318TB Acquired: 1/30/2025 14:55:36 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004425	-.007385	-.001174	.0066040	-.001009	-.007409
Stddev	.003104	.000960	.000213	.0025052	.001028	.007702
%RSD	70.15327	13.00642	18.16876	37.93475	101.8611	103.9658
#1	-.008006	-.006346	-.000997	.0041385	-.001762	-.014937
#2	-.002507	-.007566	-.001410	.0091471	-.001428	.000457
#3	-.002761	-.008241	-.001113	.0065262	.000162	-.007746

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002662	-.000154	-.000424	-.027685	.0008205	-.000362
Stddev	.000780	.000062	.000063	.004829	.0000741	.000048
%RSD	29.31537	40.28102	14.94146	17.44192	9.035070	13.16024
#1	-.002076	-.000099	-.000394	-.032259	.0007856	-.000410
#2	-.003548	-.000141	-.000382	-.028160	.0009057	-.000359
#3	-.002363	-.000221	-.000497	-.022636	.0007703	-.000315

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008285	-.008919	.0004164	-.008095	.0008395	.0005966
Stddev	.0002694	.006267	.0002720	.007790	.0002490	.0003704
%RSD	32.51367	70.25973	65.31213	96.23436	29.65323	62.09575
#1	.0005187	-.015013	.0001135	.000739	.0008671	.0002051
#2	.0010073	-.002493	.0004960	-.011043	.0010736	.0009416
#3	.0009596	-.009252	.0006396	-.013981	.0005780	.0006431

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 316.5842	-.000748	-.002254	.0827844	-.002970	.0001240
Stddev	4.8493	.000564	.000154	.0138140	.000140	.0000700
%RSD	1.531742	75.43975	6.816356	16.68671	4.718363	56.50165
#1	319.3217	-.001038	-.002292	.0669586	-.002907	.0001715
#2	310.9852	-.000098	-.002085	.0924248	-.003131	.0000435
#3	319.4457	-.001107	-.002385	.0889698	-.002872	.0001569

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166318TB Acquired: 1/30/2025 14:55:36 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0001582	.0002590	.0000052	.0007261	F .0397497	-.008698
Stddev	.0003387	.0001617	.0073989	.0025193	.0063279	.000360
%RSD	214.0269	62.41429	143422.8	346.9725	15.91934	4.137882
#1	.0002833	.0003910	.0084318	-.000611	.0328313	-.008355
#2	-.000225	.0003074	-.005428	.003632	.0452446	-.008666
#3	.000417	.0000787	-.002989	-.000843	.0411731	-.009073

Elem	Sr4077
Units	ppm
Avg	-.000473
Stddev	.000026
%RSD	5.466928
#1	-.000452
#2	-.000466
#3	-.000502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.813	51774.49	10171.93	1772.564	3856.761
Stddev	2.056	122.99	27.89	10.307	4.328
%RSD	.0770102	.2375478	.2741472	.5814861	.1122264
#1	2670.803	51673.37	10192.59	1764.911	3858.749
#2	2671.187	51911.40	10183.00	1784.284	3859.738
#3	2667.450	51738.68	10140.21	1768.497	3851.796

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166342BL Acquired: 1/30/2025 15:00:05 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.000420	-.001359	-.000178	-.001886	-.002834	-.009666	-.001754
Stddev	.001932	.001739	.000613	.001608	.000261	.006517	.000691
%RSD	460.4332	127.9840	343.9606	85.24295	9.198837	67.42263	39.39951
#1	-.002363	-.000649	.000374	-.000280	-.003059	-.008320	-.001828
#2	.001501	-.003341	-.000837	-.001882	-.002548	-.003927	-.001029
#3	-.000397	-.000087	-.000071	-.003496	-.002894	-.016751	-.002405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000434	-.000198	-.016919	-.000225	-.000328	.0005090	-.016154
Stddev	.0000471	.000012	.003419	.000189	.000182	.0003436	.001206
%RSD	108.4793	6.289233	20.20640	84.05868	55.35159	67.50637	7.466436
#1	-.000009	-.000209	-.013082	-.000431	-.000203	.0007643	-.014880
#2	.000059	-.000202	-.019640	-.000058	-.000245	.0006443	-.016304
#3	.000081	-.000185	-.018037	-.000186	-.000537	.0001183	-.017278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000654	-.012712	-.000345	.0005552	.2733021	-.000952	-.003079
Stddev	.000079	.005857	.000059	.0003890	.0051437	.001154	.000183
%RSD	12.06783	46.07066	17.18189	70.06158	1.882075	121.2407	5.954473
#1	-.000738	-.006045	-.000295	.0007069	.2764346	-.000972	-.002867
#2	-.000643	-.017027	-.000411	.0001132	.2673657	.000212	-.003193
#3	-.000582	-.015064	-.000331	.0008455	.2761061	-.002095	-.003176

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1604620	-.002979	-.000593	-.000533	.0005633	-.005509	-.000137
Stddev	.0310548	.000302	.000308	.000491	.0001438	.001324	.001015
%RSD	19.35335	10.12582	51.91157	92.11179	25.52967	24.04257	738.4318
#1	.1769921	-.002825	-.000516	-.000926	.0004830	-.006338	-.000064
#2	.1797555	-.003326	-.000332	-.000692	.0004775	-.006208	-.001187
#3	.1246386	-.002785	-.000933	.000018	.0007293	-.003981	.000838

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166342BL Acquired: 1/30/2025 15:00:05 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.008126	-.001435	-.000456
Stddev	.001230	.000519	.000020
%RSD	15.14174	36.16752	4.378415
#1	-.008344	-.001932	-.000474
#2	-.006802	-.001475	-.000461
#3	-.009234	-.000897	-.000435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.132	55026.34	10458.25	1899.523	4397.779
Stddev	13.045	443.02	13.73	12.291	13.760
%RSD	.4529326	.8051077	.1313282	.6470534	.3128890
#1	2879.806	55402.18	10469.05	1911.041	4386.220
#2	2893.337	55138.97	10442.79	1900.944	4412.999
#3	2867.253	54537.88	10462.91	1886.583	4394.117

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166342BS Acquired: 1/30/2025 15:04:26 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.8015744	2.082234	.9639523	1.977693	.7921339	1.872959
Stddev	.0038613	.024385	.0043549	.009691	.0018565	.008520
%RSD	.4817120	1.171085	.4517746	.4900235	.2343688	.4549049
#1	.8014245	2.061705	.9628338	1.971384	.7899926	1.872118
#2	.7977902	2.075810	.9602657	1.972844	.7932935	1.881868
#3	.8055084	2.109188	.9687573	1.988852	.7931155	1.864890

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1777844	.1871652	.1910700	.9517501	.4093844	.1926389
Stddev	.0013242	.0005421	.0008397	.0088023	.0019666	.0008523
%RSD	.7448251	.2896566	.4394499	.9248499	.4803897	.4424424
#1	.1782286	.1876698	.1907550	.9469119	.4078478	.1920378
#2	.1762953	.1872337	.1904335	.9464282	.4116007	.1922645
#3	.1788295	.1865920	.1920217	.9619102	.4087048	.1936143

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3089304	2.928568	.1824721	1.855428	.4850635	.0743064
Stddev	.0001822	.004479	.0010741	.014326	.0017511	.0008232
%RSD	.0589640	.1529344	.5886212	.7721084	.3610139	1.107775
#1	.3088230	2.923545	.1829446	1.851770	.4846089	.0752110
#2	.3088274	2.930012	.1812428	1.871229	.4835846	.0736016
#3	.3091407	2.932146	.1832290	1.843286	.4869972	.0741065

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.138291	.2786754	.2029118	9.794295	.2682587	.4080560
Stddev	.006977	.0011157	.0011014	.013154	.0005270	.0012300
%RSD	.2223054	.4003732	.5427705	.1342994	.1964371	.3014349
#1	3.133775	.2774324	.2039994	9.809383	.2688473	.4077458
#2	3.146326	.2795904	.2029388	9.788261	.2680981	.4070107
#3	3.134772	.2790033	.2017972	9.785241	.2678307	.4094114

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166342BS Acquired: 1/30/2025 15:04:26 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6656693	.1831859	F .6971763	5.564808	F -.012375	.1832445
Stddev	.0032646	.0006705	.0037649	.027700	.002121	.0018035
%RSD	.4904240	.3660289	.5400203	.4977673	17.14299	.9841943
#1	.6641459	.1825977	.6943964	5.544318	-.013494	.1818416
#2	.6634448	.1830442	.6956717	5.553782	-.009929	.1852788
#3	.6694171	.1839160	.7014608	5.596323	-.013703	.1826130

Elem	Sr4077
Units	ppm
Avg	.1802367
Stddev	.0002364
%RSD	.1311383
#1	.1804365
#2	.1799758
#3	.1802978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.870	55786.26	10410.58	1895.186	4380.640
Stddev	5.433	82.84	7.00	6.407	13.345
%RSD	.1876894	.1484975	.0672392	.3380855	.3046312
#1	2896.584	55880.84	10406.39	1888.168	4388.779
#2	2899.240	55726.55	10418.66	1896.663	4387.902
#3	2888.787	55751.40	10406.69	1900.725	4365.239

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-03 Acquired: 1/30/2025 15:08:25 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7108074	-.003540	20.98615	-.030193	7.680545	53.23689
Stddev	.0010147	.001235	.03447	.001911	.025179	.00109
%RSD	.1427573	34.89124	.1642327	6.329939	.3278248	.0020434
#1	.7107295	-.002805	20.96193	-.028050	7.701939	53.23631
#2	.7118589	-.002849	20.97090	-.030807	7.652798	53.23621
#3	.7098339	-.004965	21.02561	-.031721	7.686898	53.23814

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.484155	.0056745	-.000040	246.0293	.1841385	.0999100
Stddev	.006502	.0000176	.000167	.6781	.0006519	.0001888
%RSD	.4381255	.3091988	414.2722	.2756005	.3540547	.1889442
#1	1.490496	.0056855	-.000090	246.8123	.1839000	.0997332
#2	1.484465	.0056542	-.000177	245.6338	.1836394	.0998879
#3	1.477502	.0056836	.000146	245.6419	.1848761	.1001088

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.292189	220.7672	2.580183	45.49215	.2573355	.0106097
Stddev	.003320	.6339	.009704	.06758	.0003383	.0002954
%RSD	.2569226	.2871238	.3760940	.1485508	.1314718	2.784499
#1	1.292232	221.4991	2.590885	45.56625	.2574657	.0107146
#2	1.288848	220.4095	2.577706	45.43392	.2569514	.0102762
#3	1.295488	220.3930	2.571957	45.47627	.2575894	.0108384

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.35184	.2547110	5.348235	19.56275	.2198563	.0163710
Stddev	.04527	.0016066	.008778	.00935	.0014264	.0004332
%RSD	.0936268	.6307394	.1641203	.0478184	.6488045	2.646230
#1	48.36813	.2558937	5.343186	19.57247	.2212775	.0164707
#2	48.30068	.2528819	5.343149	19.55380	.2198667	.0158967
#3	48.38672	.2553573	5.358370	19.56199	.2184247	.0167457

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-03 Acquired: 1/30/2025 15:08:25 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.5002161	3.296652	5.098803	8.196883	F 10.78853	.0704048
Stddev	.0014041	.010446	.027997	.014917	.02032	.0011050
%RSD	.2806934	.3168630	.5490986	.1819824	.1883273	1.569464
#1	.4988242	3.308378	5.068284	8.200608	10.80194	.0701586
#2	.5001922	3.293235	5.104827	8.180457	10.76515	.0716121
#3	.5016321	3.288342	5.123298	8.209585	10.79849	.0694436

Elem	Sr4077
Units	ppm
Avg	.9218621
Stddev	.0061266
%RSD	.6645867
#1	.9150737
#2	.9235323
#3	.9269805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.450	54715.69	11222.46	1860.537	3689.416
Stddev	4.289	178.41	18.64	6.427	2.739
%RSD	.1534752	.3260715	.1660857	.3454353	.0742519
#1	2793.372	54774.46	11220.11	1863.880	3691.123
#2	2799.174	54857.31	11242.16	1864.603	3690.868
#3	2790.802	54515.31	11205.10	1853.128	3686.256

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-07 Acquired: 1/30/2025 15:12:37 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0787461	-.022833	2.914865	-.045988	.0145436	95.85603
Stddev	.0024287	.000881	.024986	.003891	.0007773	.27490
%RSD	3.084186	3.858728	.8571922	8.460777	5.344525	.2867836
#1	.0786462	-.023775	2.890528	-.047662	.0144463	95.95943
#2	.0812231	-.022697	2.913614	-.041540	.0138195	96.06423
#3	.0763689	-.022028	2.940453	-.048761	.0153649	95.54442

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.250163	.0065284	.0045600	709.5524	.2610064	.0912096
Stddev	.004350	.0000429	.0003349	1.4480	.0007108	.0010057
%RSD	.3479159	.6573855	7.344931	.2040681	.2723467	1.102648
#1	1.250365	.0065573	.0042055	708.3386	.2601906	.0903360
#2	1.254408	.0064791	.0046035	711.1551	.2614931	.0909837
#3	1.245716	.0065489	.0048711	709.1636	.2613353	.0923090

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.278981	192.6538	2.828619	179.6421	.2553706	.0050391
Stddev	.011685	.3804	.007111	.2289	.0029491	.0004873
%RSD	.9136027	.1974776	.2514021	.1274418	1.154841	9.670394
#1	1.269014	193.0284	2.833479	179.9063	.2528712	.0054987
#2	1.276090	192.6652	2.831920	179.5029	.2546173	.0050903
#3	1.291840	192.2678	2.820457	179.5171	.2586233	.0045282

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.28952	.3747425	1.670856	20.58267	.5846956	.0160716
Stddev	.17640	.0012383	.006156	.10307	.0012868	.0006027
%RSD	.2787189	.3304312	.3684332	.5007739	.2200808	3.750225
#1	63.27544	.3757410	1.673850	20.61103	.5832179	.0165269
#2	63.47253	.3751294	1.674942	20.66860	.5855691	.0162997
#3	63.12058	.3733569	1.663775	20.46839	.5852998	.0153881

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1206-07 Acquired: 1/30/2025 15:12:37 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0969282	4.679165	F 23.39736	9.089525	F 31.31762	.0110828
Stddev	.0010888	.018034	.08702	.084000	.29841	.0005815
%RSD	1.123328	.3854184	.3719350	.9241452	.9528495	5.247163
#1	.0971131	4.686021	23.30117	9.007907	31.04207	.0117542
#2	.0957588	4.692766	23.42027	9.084947	31.27621	.0107359
#3	.0979128	4.658708	23.47064	9.175721	31.63457	.0107584

Elem	Sr4077
Units	ppm
Avg	1.819407
Stddev	.016703
%RSD	.9180398
#1	1.829034
#2	1.829067
#3	1.800120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.090	53812.66	11334.05	1816.448	3297.073
Stddev	15.615	30.23	1.77	5.288	23.814
%RSD	.5854671	.0561699	.0156312	.2911193	.7222720
#1	2676.637	53822.74	11332.36	1811.826	3314.902
#2	2675.563	53836.55	11335.89	1815.304	3306.289
#3	2649.070	53778.68	11333.88	1822.215	3270.029

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03 Acquired: 1/30/2025 15:16:58 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0636373	-.010816	3.381284	-.046843	.0044852	95.51683	.9990632
Stddev	.0021360	.001862	.008230	.002916	.0012582	.38862	.0070886
%RSD	3.356571	17.21054	.2434115	6.224753	28.05192	.4068613	.7095235
#1	.0660466	-.012511	3.376859	-.047637	.0057597	95.81830	1.004827
#2	.0619754	-.011115	3.376212	-.043612	.0044519	95.07824	.991148
#3	.0628897	-.008824	3.390780	-.049279	.0032440	95.65396	1.001215

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084145	.0040097	336.5377	.2502421	.1422483	1.127789	236.6531
Stddev	.0000760	.0001952	4.0168	.0011085	.0001411	.004935	1.2049
%RSD	.9025748	4.867621	1.193567	.4429549	.0991640	.4375846	.5091524
#1	.0084296	.0038558	332.0530	.2502113	.1421144	1.124212	237.8580
#2	.0083321	.0039440	337.7552	.2513657	.1422347	1.125737	236.6532
#3	.0084817	.0042292	339.8050	.2491494	.1423956	1.133419	235.4482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.679637	176.0096	.4687324	.0103676	37.00331	.3775027	3.438612
Stddev	.025579	.7397	.0010684	.0004300	.18611	.0026182	.017892
%RSD	.6951406	.4202658	.2279287	4.147591	.5029626	.6935708	.5203224
#1	3.700516	176.5273	.4679374	.0108298	37.11355	.3805153	3.437754
#2	3.651105	175.1624	.4683129	.0102936	37.10795	.3762154	3.456917
#3	3.687289	176.3391	.4699468	.0099793	36.78843	.3757772	3.421165

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.86030	.1580656	.0089578	.2100746	3.878055	7.028596	8.866231
Stddev	.11283	.0014063	.0004490	.0018004	.018833	.046408	.023724
%RSD	.6317542	.8896798	5.012378	.8570413	.4856202	.6602674	.2675760
#1	17.94259	.1595890	.0094712	.2093425	3.894199	7.064418	8.838842
#2	17.90663	.1577907	.0086383	.2087556	3.857366	7.045201	8.879474
#3	17.73168	.1568170	.0087640	.2121258	3.882601	6.976171	8.880377

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03 Acquired: 1/30/2025 15:16:58 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.196136	.0679091	.3125405
Stddev	.005337	.0016789	.0032251
%RSD	.1271819	2.472295	1.031885
#1	4.194839	.0697055	.3148147
#2	4.202001	.0663797	.3088496
#3	4.191567	.0676421	.3139572

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.662	56791.73	11618.43	1939.042	3523.884
Stddev	2.061	263.56	33.84	11.601	3.819
%RSD	.0720636	.4640746	.2912904	.5982596	.1083678
#1	2860.921	56849.32	11627.85	1940.949	3526.856
#2	2862.582	56504.14	11646.57	1926.606	3525.218
#3	2858.484	57021.72	11580.88	1949.570	3519.577

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03DUP Acquired: 1/30/2025 15:21:10 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0608152	-.011701	3.394102	-.046883	.0053025	97.64719	1.007747
Stddev	.0028025	.000754	.019132	.003453	.0021179	.06725	.002222
%RSD	4.608192	6.444842	.5636706	7.366233	39.94084	.0688703	.2205003
#1	.0576708	-.011184	3.372062	-.050298	.0072411	97.62636	1.009765
#2	.0617253	-.011353	3.406427	-.043392	.0030422	97.72238	1.008110
#3	.0630495	-.012566	3.403817	-.046957	.0056243	97.59281	1.005366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086593	.0040379	344.5710	.2586421	.1439931	1.125221	240.4765
Stddev	.0000888	.0007356	2.0580	.0023923	.0007175	.007888	1.8799
%RSD	1.025147	18.21722	.5972548	.9249570	.4982715	.7010101	.7817423
#1	.0085935	.0032593	346.0998	.2613463	.1433590	1.116914	242.6114
#2	.0087603	.0041332	345.3821	.2577784	.1438485	1.126140	239.7494
#3	.0086241	.0047212	342.2310	.2568015	.1447719	1.132609	239.0687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.703448	178.3955	.4727205	.0098099	37.57017	.3836990	3.542672
Stddev	.010629	.2490	.0032289	.0001814	.25132	.0015343	.017583
%RSD	.2870147	.1395511	.6830399	1.849426	.6689288	.3998683	.4963272
#1	3.713301	178.4040	.4695105	.0099714	37.85943	.3825593	3.562803
#2	3.704860	178.6401	.4726831	.0098447	37.44574	.3830943	3.534890
#3	3.692183	178.1424	.4759679	.0096136	37.40534	.3854436	3.530322

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.17755	.1603299	.0092864	.2118054	3.976060	8.326493	8.772126
Stddev	.15168	.0017826	.0003842	.0027757	.004872	.056785	.044222
%RSD	.8344150	1.111835	4.137140	1.310473	.1225386	.6819840	.5041215
#1	18.35127	.1620422	.0088808	.2087670	3.981660	8.390316	8.724179
#2	18.07141	.1604631	.0096449	.2124410	3.973726	8.281558	8.780888
#3	18.10997	.1584844	.0093334	.2142081	3.972794	8.307606	8.811311

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03DUP Acquired: 1/30/2025 15:21:10 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.146418	.0672113	.3153922
Stddev	.031587	.0019210	.0008994
%RSD	.7617960	2.858214	.2851742
#1	4.113400	.0653251	.3143691
#2	4.149507	.0691654	.3160582
#3	4.176347	.0671434	.3157493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2871.739	55527.74	11441.91	1876.985	3540.696
Stddev	8.723	391.40	21.64	6.263	18.333
%RSD	.3037392	.7048716	.1891019	.3336567	.5177660
#1	2880.124	55092.71	11427.63	1870.823	3561.046
#2	2872.380	55639.16	11431.29	1876.790	3535.572
#3	2862.714	55851.34	11466.80	1883.343	3525.471

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV04 Acquired: 1/30/2025 15:25:23 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.888408	5.087885	4.746005	4.952405	4.977046	9.665837	9.354081
Stddev	.065836	.070767	.073832	.064983	.073249	.067011	.117151
%RSD	1.346787	1.390900	1.555656	1.312160	1.471742	.6932789	1.252409
#1	4.913838	5.109156	4.779515	4.970337	4.996396	9.641788	9.444591
#2	4.813650	5.008922	4.661362	4.880338	4.896065	9.614170	9.221761
#3	4.937737	5.145577	4.797140	5.006539	5.038678	9.741554	9.395892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2308155	2.372887	23.41638	1.002816	2.373284	1.227966	4.935850
Stddev	.0017756	.037505	.14102	.007885	.038312	.017411	.018549
%RSD	.7692605	1.580548	.6022201	.7862423	1.614302	1.417907	.3758079
#1	.2308344	2.390776	23.39130	1.011875	2.392303	1.235943	4.956564
#2	.2290305	2.329787	23.28958	.999071	2.329184	1.207995	4.930214
#3	.2325815	2.398097	23.56825	.997502	2.398365	1.239959	4.920772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.280196	23.42702	2.377134	1.219133	25.73481	2.386064	2.480679
Stddev	.013131	.16552	.038994	.007334	.18080	.018448	.014711
%RSD	.5758570	.7065362	1.640393	.6015522	.7025533	.7731739	.5930198
#1	2.281800	23.40479	2.397616	1.227592	25.94354	2.379652	2.496638
#2	2.266337	23.27374	2.332167	1.215243	25.62678	2.371678	2.477738
#3	2.292451	23.60253	2.401619	1.214564	25.63412	2.406863	2.467660

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.22473	4.559271	4.959178	4.773211	4.682757	5.196909	4.810362
Stddev	.18865	.036373	.071459	.078720	.030300	.023722	.079446
%RSD	.7478929	.7977911	1.440944	1.649195	.6470579	.4564700	1.651555
#1	25.44147	4.550832	4.982517	4.811835	4.687126	5.222960	4.838427
#2	25.13527	4.527858	4.878968	4.682639	4.650509	5.176551	4.720693
#3	25.09745	4.599122	5.016050	4.825158	4.710635	5.191216	4.871966

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV04 Acquired: 1/30/2025 15:25:23 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.751529	4.695717	4.700450
Stddev	.074643	.034796	.057842
%RSD	1.570928	.7410239	1.230559
#1	4.790109	4.702173	4.726682
#2	4.665491	4.658145	4.634140
#3	4.798987	4.726833	4.740528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.100	53889.53	10175.04	1814.820	4051.853
Stddev	32.269	323.25	69.67	11.974	54.861
%RSD	1.154899	.5998437	.6847336	.6598091	1.353971
#1	2782.354	53527.49	10182.51	1801.144	4025.516
#2	2830.597	53991.91	10240.67	1823.421	4114.916
#3	2769.350	54149.21	10101.93	1819.894	4015.126

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB04 Acquired: 1/30/2025 15:29:35 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001802	-.000753	-.000195	.0002134	-.002705	-.012474	-.001798
Stddev	.000777	.000964	.001033	.0020207	.001167	.001521	.000592
%RSD	43.12097	128.0293	529.6269	946.8427	43.11886	12.19659	32.94675
#1	-.002481	-.001340	-.001144	.0003742	-.003982	-.012642	-.002436
#2	-.001972	-.001280	.000906	-.001883	-.001695	-.013905	-.001693
#3	-.000954	.000360	-.000347	.002149	-.002439	-.010876	-.001265

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000440	-.000218	-.014611	.0001770	-.000095	.0001450	-.017454
Stddev	.0000307	.000067	.006065	.0000719	.000086	.0003431	.002795
%RSD	69.68749	30.57994	41.51047	40.61301	90.00334	236.6080	16.01462
#1	.0000786	-.000289	-.013724	.0001123	-.000190	.0001027	-.014323
#2	.0000199	-.000207	-.009039	.0001643	-.000073	.0005073	-.018340
#3	.0000336	-.000157	-.021071	.0002544	-.000023	-.000175	-.019699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000536	.0033503	-.000316	.0004446	.0742570	-.001590	-.002889
Stddev	.000151	.0126168	.000530	.0003580	.0120976	.000766	.000045
%RSD	28.09450	376.5821	167.7551	80.51619	16.29148	48.15451	1.556217
#1	-.000509	-.005016	.000265	.0007752	.0622069	-.000777	-.002915
#2	-.000401	.017862	-.000775	.0004943	.0741628	-.001696	-.002915
#3	-.000699	-.002795	-.000439	.0000644	.0864015	-.002297	-.002837

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1159660	.0019206	-.000264	-.000231	.0010477	-.001057	.0009277
Stddev	.0126071	.0001621	.000045	.000332	.0002226	.009043	.0014056
%RSD	10.87135	8.440013	16.83468	143.9582	21.24171	855.6506	151.5155
#1	.1263972	.0020938	-.000232	.000022	.0009862	-.005671	.0020356
#2	.1019566	.0018953	-.000246	-.000607	.0012946	.009363	-.000653
#3	.1195443	.0017726	-.000315	-.000107	.0008624	-.006862	.001401

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB04 Acquired: 1/30/2025 15:29:35 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005654	-.004115	-.000323
Stddev	.001354	.000848	.000027
%RSD	23.94986	20.60066	8.312391
#1	-.005070	-.004224	-.000312
#2	-.004690	-.004902	-.000304
#3	-.007202	-.003218	-.000354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.740	57562.70	10991.27	1959.915	4493.497
Stddev	6.481	1330.94	22.02	42.684	13.863
%RSD	.2195568	2.312164	.2003495	2.177853	.3085057
#1	2947.230	58333.13	10966.14	1982.830	4499.570
#2	2959.167	58329.10	11000.47	1986.248	4503.287
#3	2948.825	56025.86	11007.19	1910.667	4477.635

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03LX5 Acquired: 1/30/2025 15:33:56 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0132155	-.002927	.7152043	-.008190	-.000578	20.84055	.2089108
Stddev	.0008848	.002690	.0040464	.001563	.002064	.06401	.0006654
%RSD	6.695587	91.90435	.5657718	19.07876	356.9884	.3071419	.3185034
#1	.0134589	-.004882	.7105344	-.008826	-.001006	20.82779	.2093233
#2	.0122344	.000141	.7174070	-.009334	-.002395	20.90997	.2092659
#3	.0139531	-.004039	.7176715	-.006409	.001666	20.78387	.2081432

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020427	-.000566	75.45128	.0589696	.0290233	.2679607	51.83220
Stddev	.0000479	.000198	.11834	.0007991	.0002718	.0011522	.41217
%RSD	2.343066	35.00876	.1568415	1.355144	.9363869	.4299911	.7951947
#1	.0020353	-.000773	75.42701	.0585869	.0287095	.2669734	51.89552
#2	.0020938	-.000546	75.57987	.0584338	.0291735	.2692267	51.39204
#3	.0019989	-.000379	75.34695	.0598881	.0291868	.2676821	52.20904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8246043	38.71126	.0975848	.0026321	7.608986	.0835885	.7950918
Stddev	.0017931	.11753	.0008926	.0004924	.060770	.0015787	.0093505
%RSD	.2174469	.3036061	.9146893	18.70910	.7986655	1.888618	1.176024
#1	.8225345	38.57650	.0968197	.0025878	7.647329	.0852086	.7899001
#2	.8255953	38.79255	.0985654	.0021633	7.538918	.0835020	.7894891
#3	.8256832	38.76472	.0973693	.0031452	7.640710	.0820549	.8058862

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.759242	.0331096	.0016568	.0387479	.8695623	1.564145	1.757776
Stddev	.014586	.0008228	.0003400	.0003785	.0020268	.008923	.011708
%RSD	.3880006	2.485188	20.52097	.9767961	.2330822	.5704843	.6660754
#1	3.775676	.0336042	.0015623	.0390360	.8700533	1.561987	1.744431
#2	3.754216	.0321598	.0013740	.0388884	.8712985	1.556499	1.766324
#3	3.747834	.0335649	.0020340	.0383192	.8673351	1.573950	1.762572

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03LX5 Acquired: 1/30/2025 15:33:56 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.8182456	.0082888	.0664116
Stddev	.0116674	.0006165	.0005679
%RSD	1.425908	7.437507	.8550654
#1	.8048803	.0077720	.0665248
#2	.8234600	.0081232	.0669143
#3	.8263965	.0089711	.0657957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.468	54722.61	10850.89	1865.320	3943.324
Stddev	8.052	573.62	60.20	22.968	16.784
%RSD	.2870273	1.048230	.5547868	1.231318	.4256352
#1	2814.320	54862.31	10912.93	1873.366	3962.538
#2	2798.579	55213.47	10847.02	1883.182	3931.518
#3	2803.505	54092.04	10792.72	1839.411	3935.916

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03MS Acquired: 1/30/2025 15:38:07 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7831613	1.941921	5.358195	1.639628	.3198236	99.48008
Stddev	.0003069	.004383	.009586	.000515	.0008737	.36942
%RSD	.0391864	.2256980	.1788995	.0314150	.2731927	.3713499
#1	.7834578	1.944697	5.348238	1.639680	.3198331	99.75489
#2	.7828450	1.944199	5.358987	1.639089	.3189452	99.06013
#3	.7831813	1.936868	5.367360	1.640115	.3206926	99.62521

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.297616	.1707649	.1957342	159.1961	.6379128	.3792382
Stddev	.005545	.0008034	.0001535	.4806	.0014210	.0009947
%RSD	.4273375	.4704508	.0784205	.3018748	.2227566	.2622959
#1	1.297139	.1715796	.1955706	159.5460	.6368367	.3781787
#2	1.292325	.1707419	.1958751	158.6482	.6395236	.3793836
#3	1.303384	.1699733	.1957568	159.3942	.6373782	.3801522

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.816190	233.1808	4.088656	59.29954	1.031375	.0763105
Stddev	.000971	1.5856	.011653	.17736	.001608	.0009474
%RSD	.0534747	.6799787	.2850151	.2990932	.1558601	1.241453
#1	1.815233	232.2202	4.092807	59.41162	1.029685	.0763889
#2	1.816161	232.3112	4.075496	59.09506	1.031555	.0753264
#3	1.817175	235.0109	4.097665	59.39195	1.032885	.0772163

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.60621	.5671982	6.799010	25.41504	.3478075	.3732649
Stddev	.23460	.0024498	.003835	.20257	.0016725	.0007716
%RSD	.6408653	.4319087	.0564118	.7970647	.4808605	.2067153
#1	36.41451	.5680046	6.802863	25.27928	.3462251	.3729243
#2	36.53632	.5644469	6.795193	25.31795	.3476400	.3727222
#3	36.86781	.5691431	6.798974	25.64788	.3495574	.3741482

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03MS Acquired: 1/30/2025 15:38:07 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.236725	3.869477	F 11.18463	F 15.34143	2.792241	.2682505
Stddev	.000854	.011949	.08778	.05541	.001552	.0011232
%RSD	.0690772	.3088134	.7848562	.3611777	.0555770	.4187275
#1	1.235741	3.872629	11.12893	15.30161	2.790494	.2681627
#2	1.237283	3.856268	11.13915	15.31796	2.792769	.2671738
#3	1.237150	3.879535	11.28582	15.40471	2.793460	.2694151

Elem	Sr4077
Units	ppm
Avg	.4674587
Stddev	.0015162
%RSD	.3243463
#1	.4684551
#2	.4657138
#3	.4682072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.380	58494.02	11482.68	1974.136	3710.622
Stddev	1.687	154.49	65.20	2.206	3.994
%RSD	.0568387	.2641089	.5678233	.1117549	.1076380
#1	2970.326	58419.04	11407.56	1971.866	3714.311
#2	2967.466	58671.69	11515.94	1976.273	3706.381
#3	2967.346	58391.34	11524.55	1974.268	3711.173

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03MSD Acquired: 1/30/2025 15:42:05 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7947888	1.953313	5.433827	1.657812	.3221016	99.61044
Stddev	.0046872	.006071	.010923	.006143	.0004904	.63827
%RSD	.5897477	.3108040	.2010238	.3705656	.1522623	.6407686
#1	.7960511	1.946607	5.441962	1.660331	.3215417	100.3399
#2	.7895997	1.958436	5.421412	1.650810	.3224552	99.3370
#3	.7987157	1.954896	5.438107	1.662296	.3223078	99.1545

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.331846	.1697037	.1981792	160.2703	.6284128	.3842509
Stddev	.007339	.0010865	.0007351	1.0314	.0029574	.0009258
%RSD	.5510092	.6402074	.3709209	.6435231	.4706142	.2409476
#1	1.339891	.1709581	.1987675	161.4165	.6262131	.3851620
#2	1.330131	.1690931	.1973552	159.9771	.6272504	.3833110
#3	1.325518	.1690600	.1984150	159.4172	.6317748	.3842796

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.842125	237.6098	4.173251	59.61005	1.046776	.0768536
Stddev	.006365	.7961	.024871	.37292	.001674	.0006593
%RSD	.3455494	.3350377	.5959532	.6255997	.1599298	.8578229
#1	1.844268	236.7120	4.200498	60.03301	1.048206	.0761417
#2	1.834964	238.2296	4.167484	59.46856	1.044935	.0774431
#3	1.847142	237.8879	4.151770	59.32858	1.047189	.0769761

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.22130	.5736846	6.673164	25.98378	.3586098	.3762779
Stddev	.05361	.0042542	.022116	.12176	.0007926	.0004762
%RSD	.1440243	.7415555	.3314208	.4685941	.2210247	.1265542
#1	37.15974	.5781619	6.648615	25.84341	.3585352	.3758864
#2	37.25769	.5731962	6.679345	26.04722	.3578571	.3761392
#3	37.24647	.5696957	6.691533	26.06072	.3594371	.3768081

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03MSD Acquired: 1/30/2025 15:42:05 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253585	3.947801	F 11.76165	F 15.79680	2.850785	.2736060
Stddev	.001243	.021491	.02716	.03108	.005167	.0015575
%RSD	.0991466	.5443726	.2309470	.1967606	.1812455	.5692468
#1	1.253886	3.971800	11.73370	15.77365	2.846235	.2753713
#2	1.252220	3.941265	11.78795	15.83213	2.856402	.2730209
#3	1.254650	3.930336	11.76331	15.78463	2.849717	.2724257

Elem	Sr4077
Units	ppm
Avg	.4734742
Stddev	.0049067
%RSD	1.036311
#1	.4790147
#2	.4717298
#3	.4696781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.016	59184.89	11603.65	2031.178	3654.516
Stddev	13.972	153.74	89.05	8.377	15.063
%RSD	.4762110	.2597603	.7674551	.4124242	.4121782
#1	2924.247	59232.60	11501.23	2033.182	3643.852
#2	2950.020	59309.12	11662.72	2038.371	3671.748
#3	2927.781	59012.95	11647.02	2021.980	3647.949

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03A Acquired: 1/30/2025 15:46:04 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7891510	1.924724	5.359434	1.657430	.3061729	100.5836
Stddev	.0042436	.022376	.029396	.009689	.0015779	1.2874
%RSD	.5377461	1.162563	.5484865	.5845904	.5153686	1.279943
#1	.7870165	1.899520	5.326214	1.646795	.3067629	99.1960
#2	.7863985	1.932401	5.382083	1.665757	.3043850	100.8155
#3	.7940381	1.942251	5.370003	1.659738	.3073708	101.7393

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286098	.1730648	.1980481	157.9540	.6412542	.3837919
Stddev	.012333	.0025253	.0016687	2.0009	.0012447	.0017694
%RSD	.9589170	1.459176	.8425516	1.266766	.1941092	.4610318
#1	1.272329	.1702967	.1961254	155.7617	.6417157	.3819269
#2	1.289836	.1736548	.1989009	158.4186	.6398447	.3854470
#3	1.296129	.1752429	.1991180	159.6817	.6422023	.3840018

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.839658	233.7692	4.062405	58.78947	1.044798	.0760136
Stddev	.011065	.7250	.040675	.89191	.004126	.0004496
%RSD	.6014842	.3101528	1.001245	1.517122	.3949163	.5914277
#1	1.827125	234.6014	4.017747	57.84210	1.040373	.0765325
#2	1.848079	233.2736	4.072138	58.91334	1.048539	.0757665
#3	1.843769	233.4327	4.097330	59.61296	1.045482	.0757417

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.22483	.5627038	6.839010	25.16730	.3503823	.3643140
Stddev	.11607	.0067817	.030065	.13026	.0007802	.0022555
%RSD	.3204190	1.205191	.4396090	.5175793	.2226632	.6191226
#1	36.34878	.5549563	6.836503	25.31751	.3501282	.3617484
#2	36.11870	.5655906	6.810277	25.09900	.3497609	.3659852
#3	36.20701	.5675643	6.870250	25.08540	.3512578	.3652084

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-03A Acquired: 1/30/2025 15:46:04 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.242492	4.012661	F 12.31759	F 15.77824	2.934591	.2662836
Stddev	.006985	.042999	.03256	.03996	.015733	.0020502
%RSD	.5622018	1.071595	.2643587	.2532367	.5361190	.7699399
#1	1.234709	3.966614	12.35223	15.73725	2.916500	.2641835
#2	1.248219	4.019597	12.28761	15.81708	2.945071	.2663872
#3	1.244547	4.051770	12.31293	15.78040	2.942202	.2682800

Elem	Sr4077
Units	ppm
Avg	.4606980
Stddev	.0073208
%RSD	1.589076
#1	.4526211
#2	.4625759
#3	.4668970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.355	58354.55	11409.68	1973.720	3671.814
Stddev	13.975	127.09	161.28	7.100	15.444
%RSD	.4743299	.2177818	1.413495	.3597231	.4206205
#1	2962.468	58314.40	11584.90	1975.484	3689.621
#2	2939.058	58496.86	11376.67	1979.772	3662.068
#3	2937.538	58252.39	11267.46	1965.905	3663.752

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-07 Acquired: 1/30/2025 15:50:02 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0476690	-.018956	1.498369	-.046651	.0062527	80.94221
Stddev	.0031139	.003467	.007694	.001578	.0018858	.00946
%RSD	6.532345	18.28755	.5134974	3.382017	30.15938	.0116896
#1	.0499214	-.022876	1.497330	-.046085	.0056448	80.93892
#2	.0489700	-.016296	1.491247	-.045434	.0047458	80.95287
#3	.0441156	-.017695	1.506530	-.048433	.0083674	80.93482

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7786102	.0062559	.0074643	433.3799	.2695877	.1126524
Stddev	.0023037	.0000794	.0004464	.7014	.0025878	.0008173
%RSD	.2958727	1.269863	5.980935	.1618381	.9598956	.7255400
#1	.7811875	.0063334	.0071913	432.5708	.2709005	.1120697
#2	.7778920	.0062598	.0072221	433.8156	.2712559	.1123007
#3	.7767513	.0061746	.0079794	433.7532	.2666067	.1135867

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5710476	208.2609	2.933956	115.8900	.3232163	.0037357
Stddev	.0071449	1.8851	.010043	.1484	.0010514	.0001027
%RSD	1.251199	.9051840	.3422914	.1280682	.3253058	2.748140
#1	.5656619	209.9021	2.940825	115.9234	.3229076	.0036334
#2	.5683278	208.6787	2.938613	116.0189	.3223537	.0038387
#3	.5791530	206.2019	2.922430	115.7277	.3243875	.0037348

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.07597	.2926736	1.260450	27.69551	.1578736	.0116397
Stddev	.13394	.0005405	.005840	.25150	.0028974	.0000942
%RSD	.7843594	.1846659	.4633563	.9080908	1.835268	.8093472
#1	17.21710	.2922747	1.262087	27.91830	.1610755	.0117142
#2	17.06016	.2932887	1.265297	27.74544	.1571128	.0116710
#3	16.95063	.2924574	1.253966	27.42279	.1554325	.0115338

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-07 Acquired: 1/30/2025 15:50:02 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1959103	4.916102	F 22.67964	8.193238	F 22.12389	.0426394
Stddev	.0019177	.008037	.19315	.033010	.08787	.0003696
%RSD	.9788662	.1634812	.8516619	.4028944	.3971557	.8666995
#1	.1977928	4.924442	22.86722	8.192041	22.08128	.0428460
#2	.1939592	4.915456	22.69033	8.160842	22.06546	.0422128
#3	.1959787	4.908408	22.48136	8.226829	22.22494	.0428595

Elem	Sr4077
Units	ppm
Avg	.9469295
Stddev	.0118374
%RSD	1.250088
#1	.9438886
#2	.9599907
#3	.9369091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3066.894	61572.75	12696.08	2068.902	3447.380
Stddev	17.031	467.41	50.50	12.228	14.739
%RSD	.5553166	.7591237	.3977262	.5910420	.4275484
#1	3076.739	61304.06	12730.80	2061.863	3454.221
#2	3076.714	61301.71	12638.15	2061.822	3457.456
#3	3047.228	62112.47	12719.28	2083.022	3430.463

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-11 Acquired: 1/30/2025 15:54:24 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0556431	-.015671	1.726943	-.047191	.0038089	83.95884
Stddev	.0002564	.002315	.013484	.002395	.0023975	.45323
%RSD	.4608241	14.77282	.7808126	5.074394	62.94409	.5398214
#1	.0553493	-.017333	1.741298	-.049728	.0054757	84.48197
#2	.0557578	-.016653	1.724989	-.044970	.0048899	83.71022
#3	.0558221	-.013027	1.714543	-.046875	.0010613	83.68433

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8057772	.0071379	.0060034	475.6579	.2522909	.1038984
Stddev	.0099742	.0000523	.0004377	2.5453	.0014520	.0008910
%RSD	1.237835	.7326427	7.290412	.5351170	.5755322	.8576114
#1	.8172925	.0071179	.0063062	474.6649	.2511937	.1046918
#2	.8002014	.0071973	.0062025	478.5501	.2517416	.1040691
#3	.7998376	.0070986	.0055016	473.7588	.2539374	.1029344

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6699672	229.1889	2.692416	78.51648	.3350293	.0135456
Stddev	.0050712	1.6940	.018690	.25232	.0030065	.0005433
%RSD	.7569304	.7391333	.6941687	.3213595	.8973754	4.010965
#1	.6749903	230.0136	2.713562	78.78173	.3384953	.0139759
#2	.6700620	227.2405	2.678106	78.27946	.3331257	.0129351
#3	.6648492	230.3127	2.685581	78.48824	.3334670	.0137257

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.17843	.2891452	1.684885	23.49038	.1869845	.0115080
Stddev	.08222	.0014797	.010201	.11573	.0029146	.0002466
%RSD	.4786308	.5117524	.6054634	.4926528	1.558743	2.142916
#1	17.25086	.2904646	1.677526	23.58899	.1884121	.0117639
#2	17.08906	.2894256	1.680598	23.36297	.1836313	.0112719
#3	17.19537	.2875453	1.696530	23.51917	.1889100	.0114883

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-11 Acquired: 1/30/2025 15:54:24 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1127114	4.144295	F 19.23802	8.074165	F 33.60741	.0459289
Stddev	.0016127	.032960	.08029	.059930	.27872	.0020247
%RSD	1.430839	.7953006	.4173347	.7422497	.8293289	4.408404
#1	.1136321	4.181628	19.26089	8.137498	33.92924	.0480743
#2	.1136529	4.119226	19.14878	8.066651	33.44547	.0440516
#3	.1108492	4.132030	19.30439	8.018345	33.44751	.0456609

Elem	Sr4077
Units	ppm
Avg	1.027635
Stddev	.017549
%RSD	1.707720
#1	1.017211
#2	1.017798
#3	1.047896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.716	59275.91	12479.10	1995.373	3475.743
Stddev	14.972	383.09	25.60	8.110	18.632
%RSD	.4961505	.6462876	.2051648	.4064389	.5360496
#1	3000.433	59567.57	12500.45	2001.061	3454.363
#2	3025.970	59418.12	12486.13	1998.971	3484.357
#3	3026.744	58842.05	12450.71	1986.086	3488.510

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-15 Acquired: 1/30/2025 15:58:45 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0795111	-.012319	2.933055	-.040542	.0084893	79.20529
Stddev	.0010046	.001799	.011235	.002151	.0017157	.51078
%RSD	1.263496	14.60719	.3830323	5.305680	20.20986	.6448865
#1	.0788636	-.012438	2.939515	-.042551	.0088736	79.79495
#2	.0806684	-.010463	2.920083	-.040802	.0066140	78.89930
#3	.0790013	-.014056	2.939568	-.038273	.0099802	78.92162

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9100497	.0062235	.0010862	483.4968	.2338829	.0784234
Stddev	.0070345	.0000903	.0003605	3.7007	.0002332	.0003100
%RSD	.7729820	1.451517	33.19202	.7653940	.0997150	.3952380
#1	.9181403	.0061390	.0013890	486.7047	.2336203	.0786263
#2	.9053790	.0062128	.0006874	479.4481	.2339624	.0785773
#3	.9066298	.0063187	.0011823	484.3377	.2340660	.0780666

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079605	195.6280	2.929241	124.7016	.2933556	.0048715
Stddev	.0033330	.7044	.015835	.6798	.0013692	.0005771
%RSD	.6561577	.3600723	.5405910	.5451568	.4667275	11.84599
#1	.5104744	194.8531	2.947390	125.4748	.2943082	.0042293
#2	.5041798	196.2296	2.918234	124.4323	.2917866	.0050387
#3	.5092274	195.8013	2.922101	124.1977	.2939720	.0053466

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.10035	.2951919	1.187615	19.28526	.3573761	.0122601
Stddev	.20518	.0016877	.002359	.08007	.0014706	.0004770
%RSD	.3723743	.5717394	.1986584	.4151732	.4114971	3.890386
#1	54.87952	.2969546	1.187501	19.19404	.3569613	.0118636
#2	55.28509	.2950302	1.185314	19.34390	.3590096	.0127894
#3	55.13644	.2935908	1.190029	19.31783	.3561575	.0121272

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-15 Acquired: 1/30/2025 15:58:45 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0943734	3.826809	F 29.71892	5.625095	F 34.09750	.0375442
Stddev	.0004095	.024994	.16074	.021873	.15434	.0009615
%RSD	.4339506	.6531250	.5408634	.3888480	.4526389	2.561061
#1	.0939005	3.855669	29.53381	5.639606	34.18738	.0380274
#2	.0946113	3.812559	29.82320	5.599937	33.91929	.0381683
#3	.0946083	3.812200	29.79975	5.635743	34.18583	.0364369

Elem	Sr4077
Units	ppm
Avg	.8083012
Stddev	.0120737
%RSD	1.493708
#1	.8205227
#2	.7963811
#3	.8079998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.445	52867.57	10946.97	1801.641	3443.020
Stddev	8.357	202.88	68.15	5.414	11.870
%RSD	.3130787	.3837524	.6225436	.3004921	.3447626
#1	2659.885	53098.66	10872.06	1802.457	3429.477
#2	2675.365	52785.38	11005.29	1806.601	3451.620
#3	2673.086	52718.69	10963.56	1795.866	3447.962

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-19 Acquired: 1/30/2025 16:03:01 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1074393	-.008421	7.482340	-.036884	.0190080	79.58423
Stddev	.0037171	.001779	.020979	.002708	.0011546	.50312
%RSD	3.459755	21.12945	.2803747	7.342818	6.074433	.6321895
#1	.1037343	-.009578	7.463220	-.038800	.0182975	79.51642
#2	.1074153	-.009314	7.504781	-.033785	.0183863	79.11845
#3	.1111685	-.006372	7.479020	-.038065	.0203403	80.11782

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.517692	.0071806	.0032974	603.8614	.2261338	.1102180
Stddev	.012017	.0001162	.0001965	1.0192	.0009088	.0006440
%RSD	.4772887	1.618517	5.958159	.1687752	.4018757	.5842666
#1	2.522607	.0072628	.0030995	604.7138	.2255455	.1096953
#2	2.503997	.0072312	.0033002	604.1378	.2271805	.1109374
#3	2.526472	.0070476	.0034924	602.7325	.2256754	.1100214

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.155388	207.0806	4.122044	83.23167	.4254900	.0055727
Stddev	.004242	1.6476	.007138	.28522	.0016012	.0008678
%RSD	.1968077	.7956125	.1731663	.3426849	.3763121	15.57131
#1	2.150490	208.0159	4.128471	83.05408	.4237309	.0063714
#2	2.157871	208.0477	4.114362	83.08026	.4258768	.0056974
#3	2.157803	205.1783	4.123300	83.56067	.4268624	.0046494

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.48509	.2713415	3.589714	24.12977	.2540038	.0096738
Stddev	.31299	.0014604	.021542	.12119	.0020368	.0002205
%RSD	.4202055	.5382123	.6000999	.5022457	.8018788	2.279218
#1	74.83410	.2697688	3.597527	24.26627	.2552762	.0097021
#2	74.39187	.2726548	3.606259	24.08822	.2550807	.0098787
#3	74.22930	.2716010	3.565356	24.03482	.2516546	.0094405

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1207-19 Acquired: 1/30/2025 16:03:01 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1464425	3.407237	F 11.02841	F 10.03755	F 18.58123	.0267389
Stddev	.0010866	.013908	.00498	.00688	.01495	.0016484
%RSD	.7419873	.4081904	.0451757	.0685053	.0804367	6.164762
#1	.1458793	3.409799	11.03381	10.03178	18.58859	.0260146
#2	.1457532	3.392226	11.02743	10.04516	18.59106	.0255766
#3	.1476951	3.419686	11.02399	10.03571	18.56403	.0286254

Elem	Sr4077
Units	ppm
Avg	1.499729
Stddev	.013898
%RSD	.9266826
#1	1.500171
#2	1.485616
#3	1.513401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.368	54737.12	11452.85	1864.467	3462.068
Stddev	1.793	349.25	25.93	13.063	3.749
%RSD	.0639946	.6380425	.2264312	.7006457	.1082767
#1	2803.871	54588.71	11470.46	1858.619	3465.501
#2	2800.383	54486.58	11465.03	1855.349	3458.068
#3	2802.851	55136.06	11423.07	1879.432	3462.634

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166330BL Acquired: 1/30/2025 16:07:22 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.001045	-.001795	-.001085	.0003888	-.002449	-.005126	-.002644
Stddev	.001714	.001468	.000246	.0019932	.001695	.007622	.000174
%RSD	164.0808	81.76359	22.71726	512.6923	69.19272	148.6872	6.587881
#1	.000604	-.001703	-.001313	-.000323	-.000611	-.006145	-.002779
#2	-.002818	-.000375	-.000823	.002640	-.003949	-.012187	-.002448
#3	-.000920	-.003307	-.001118	-.001151	-.002788	.002954	-.002706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000294	-.000234	.0460975	.0004875	-.000115	.0003031	.0072531
Stddev	.0000438	.000054	.0081921	.0002777	.000087	.0000952	.0034282
%RSD	148.9718	23.06950	17.77127	56.95055	75.55978	31.39462	47.26545
#1	.0000323	-.000247	.0498300	.0001945	-.000132	.0004120	.0103232
#2	.0000716	-.000175	.0517586	.0005215	-.000021	.0002359	.0078821
#3	-.000016	-.000280	.0367038	.0007467	-.000193	.0002615	.0035539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000158	-.001853	-.000195	.0007777	.0614964	-.002009	-.003023
Stddev	.000183	.010626	.000078	.0004132	.0026859	.000668	.000189
%RSD	115.9868	573.4311	40.11657	53.12638	4.367488	33.26469	6.235898
#1	.000036	-.011407	-.000250	.0007269	.0585473	-.002719	-.002922
#2	-.000181	.009591	-.000105	.0012139	.0638022	-.001915	-.002906
#3	-.000328	-.003743	-.000228	.0003923	.0621397	-.001393	-.003240

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0865203	-.003741	-.000750	-.001009	.0011615	.0036219	-.000118
Stddev	.0420619	.000734	.000207	.000388	.0004106	.0083888	.003585
%RSD	48.61503	19.60696	27.56792	38.44686	35.35292	231.6157	3045.119
#1	.0406705	-.002919	-.000602	-.000578	.0006961	.0112038	-.002954
#2	.0955693	-.004328	-.000987	-.001331	.0013157	-.005390	.003911
#3	.1233213	-.003978	-.000663	-.001117	.0014726	.005052	-.001310

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166330BL Acquired: 1/30/2025 16:07:22 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.002057	-.004087	-.000297
Stddev	.003189	.000387	.000026
%RSD	155.0052	9.462372	8.836193
#1	.001619	-.004021	-.000267
#2	-.003709	-.004503	-.000310
#3	-.004082	-.003738	-.000315

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.486	55404.54	10625.27	1893.237	4338.777
Stddev	5.292	203.49	20.49	9.305	8.167
%RSD	.1852542	.3672860	.1928762	.4914995	.1882427
#1	2855.747	55614.75	10644.05	1903.790	4339.643
#2	2851.603	55208.51	10603.41	1886.211	4330.211
#3	2862.109	55390.35	10628.34	1889.710	4346.477

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166330BS Acquired: 1/30/2025 16:11:43 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.8172649	2.046633	.9710609	2.030215	.7995665	1.846194
Stddev	.0063542	.028932	.0095444	.020801	.0091399	.008272
%RSD	.7774982	1.413630	.9828835	1.024549	1.143107	.4480592
#1	.8129901	2.061478	.9701281	2.034956	.8020852	1.851347
#2	.8142379	2.013292	.9620172	2.007453	.7894313	1.850582
#3	.8245667	2.065128	.9810375	2.048236	.8071829	1.836652

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1739960	.1841063	.1934500	.9487928	.4044544	.1942320
Stddev	.0012664	.0009543	.0015332	.0037151	.0030797	.0016034
%RSD	.7278148	.5183124	.7925279	.3915652	.7614512	.8255052
#1	.1744098	.1831176	.1934181	.9528550	.4073688	.1940552
#2	.1750037	.1850219	.1919331	.9479559	.4012324	.1927243
#3	.1725745	.1841792	.1949989	.9455674	.4047621	.1959165

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3108619	2.901439	.1798105	1.826978	.4896800	.0725722
Stddev	.0021606	.020047	.0000581	.017722	.0048337	.0009570
%RSD	.6950435	.6909262	.0323110	.9700308	.9871041	1.318677
#1	.3109415	2.923798	.1798509	1.817311	.4895961	.0736054
#2	.3086625	2.885070	.1797439	1.847432	.4848888	.0723952
#3	.3129816	2.895448	.1798367	1.816191	.4945550	.0717161

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.010027	.2777456	.1991671	9.628174	.2631653	.4049543
Stddev	.029182	.0038492	.0016976	.099107	.0009984	.0050896
%RSD	.9694795	1.385870	.8523496	1.029342	.3793837	1.256843
#1	3.040807	.2813057	.2010407	9.731905	.2620951	.4051442
#2	2.982762	.2782701	.1977313	9.534451	.2633292	.3997724
#3	3.006512	.2736611	.1987292	9.618166	.2640717	.4099463

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166330BS Acquired: 1/30/2025 16:11:43 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6719498	.1812267	F .7043673	5.656710	F -.015502	.1813196
Stddev	.0055639	.0005030	.0154914	.044083	.002650	.0014867
%RSD	.8280159	.2775517	2.199338	.7793122	17.09318	.8199400
#1	.6716471	.1816276	.7222404	5.656650	-.016501	.1810374
#2	.6665435	.1813903	.6960608	5.612656	-.017506	.1829272
#3	.6776589	.1806623	.6948006	5.700823	-.012497	.1799942

Elem	Sr4077
Units	ppm
Avg	.1783696
Stddev	.0007898
%RSD	.4427983
#1	.1788092
#2	.1788419
#3	.1774578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.073	56089.56	10482.97	1906.658	4214.967
Stddev	19.622	350.47	49.64	11.718	28.024
%RSD	.6955427	.6248461	.4735702	.6145866	.6648744
#1	2821.224	55697.43	10528.08	1893.305	4216.162
#2	2840.619	56372.26	10429.78	1915.227	4242.375
#3	2801.376	56198.99	10491.06	1911.443	4186.365

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV05 Acquired: 1/30/2025 16:24:14 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.831548	4.983357	4.743221	4.857031	4.905890	9.748952	9.328935
Stddev	.020039	.005972	.015253	.005357	.014283	.124180	.166526
%RSD	.4147516	.1198394	.3215680	.1103015	.2911358	1.273779	1.785052
#1	4.848302	4.989538	4.753105	4.851315	4.903756	9.782285	9.476464
#2	4.809350	4.982913	4.725655	4.857840	4.892795	9.611508	9.148365
#3	4.836993	4.977619	4.750903	4.861937	4.921121	9.853064	9.361976

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2342904	2.370997	23.74353	.9905869	2.372975	1.220267	4.825653
Stddev	.0034644	.007227	.31011	.0062420	.005866	.002210	.038671
%RSD	1.478672	.3048036	1.306067	.6301296	.2472090	.1810690	.8013668
#1	.2343999	2.375011	23.77068	.9956682	2.375145	1.221211	4.858660
#2	.2307726	2.362654	23.42075	.9924731	2.366333	1.217743	4.835195
#3	.2376988	2.375326	24.03918	.9836193	2.377447	1.221848	4.783104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.309751	23.73299	2.373747	1.207319	24.92324	2.405942	2.449355
Stddev	.031246	.35330	.003817	.005302	.15591	.036193	.006721
%RSD	1.352784	1.488649	.1608211	.4391215	.6255725	1.504323	.2743848
#1	2.311845	23.67766	2.376421	1.209143	25.08454	2.409792	2.453387
#2	2.277511	23.41062	2.369375	1.211468	24.91185	2.367977	2.453082
#3	2.339898	24.11070	2.375445	1.201346	24.77334	2.440056	2.441597

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.54381	4.643900	4.922859	4.773914	4.719415	5.085077	4.785768
Stddev	.10062	.062310	.015291	.016973	.057543	.010806	.012783
%RSD	.4099510	1.341750	.3106112	.3555445	1.219289	.2124953	.2670980
#1	24.62730	4.650535	4.924439	4.784305	4.728351	5.086730	4.794083
#2	24.57204	4.578539	4.906840	4.754327	4.657926	5.094961	4.771049
#3	24.43210	4.702627	4.937299	4.783111	4.771967	5.073540	4.792172

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV05 Acquired: 1/30/2025 16:24:14 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.709324	4.716697	4.706933
Stddev	.004897	.055545	.029466
%RSD	.1039944	1.177616	.6260039
#1	4.712074	4.729813	4.691052
#2	4.703669	4.655769	4.688814
#3	4.712228	4.764510	4.740932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.440	55022.42	10038.54	1867.136	4098.132
Stddev	8.232	170.75	128.67	12.679	8.139
%RSD	.2896953	.3103246	1.281724	.6790572	.1986098
#1	2839.965	54897.23	10033.74	1861.538	4095.658
#2	2850.310	54953.10	10169.54	1858.219	4107.221
#3	2834.046	55216.92	9912.34	1881.650	4091.517

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB05 Acquired: 1/30/2025 16:28:26 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.000185	-.001576	.0002378	-.000040	-.002385	-.009667	-.002416
Stddev	.001720	.001417	.0009425	.002801	.001751	.009494	.000587
%RSD	927.6636	89.91969	396.4177	6974.789	73.44266	98.20435	24.30657
#1	-.001857	-.002898	-.000266	-.002694	-.004220	-.010650	-.001823
#2	-.000280	-.000080	-.000346	-.000315	-.000732	-.018631	-.002428
#3	.001580	-.001751	.001325	.002889	-.002202	.000280	-.002998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000054	-.000128	-.015834	.0000067	-.000294	.0000078	-.015559
Stddev	.0000255	.000024	.008481	.0000994	.000227	.0002732	.004423
%RSD	475.0235	18.42181	53.56242	1480.052	77.33675	3496.633	28.42802
#1	-.000013	-.000131	-.024785	-.000055	-.000049	-.000291	-.014076
#2	.000035	-.000104	-.007918	.000121	-.000499	.000245	-.012068
#3	-.000006	-.000151	-.014800	-.000046	-.000333	.000069	-.020534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000491	.0057696	-.000346	.0011281	.0432707	-.000692	-.003194
Stddev	.000413	.0078972	.000245	.0003914	.0065949	.000650	.000337
%RSD	84.01277	136.8762	70.81457	34.69283	15.24096	93.85904	10.54099
#1	-.000352	-.002182	-.000614	.0008569	.0404366	-.000053	-.002931
#2	-.000956	.005880	-.000134	.0015768	.0508088	-.000672	-.003573
#3	-.000166	.013611	-.000289	.0009506	.0385665	-.001352	-.003077

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910310	.0040143	-.000023	.0000212	.0004813	.0001014	-.000735
Stddev	.0465544	.0004534	.000076	.0002819	.0005451	.0026448	.000742
%RSD	51.14121	11.29436	329.2350	1332.177	113.2594	2607.878	101.0188
#1	.0518279	.0044934	-.000013	-.000294	.0008658	-.002912	.000035
#2	.1424861	.0039575	.000047	.000108	.0007206	.001176	-.000793
#3	.0787791	.0035920	-.000103	.000250	-.000143	.002040	-.001447

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB05 Acquired: 1/30/2025 16:28:26 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004910	-.003916	-.000263
Stddev	.001660	.001016	.000003
%RSD	33.81344	25.95290	1.156225
#1	-.006638	-.003634	-.000262
#2	-.004764	-.005043	-.000267
#3	-.003327	-.003070	-.000262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.327	56768.21	10511.10	1945.003	4434.144
Stddev	7.425	183.14	54.70	8.470	12.807
%RSD	.2546159	.3226089	.5204097	.4354634	.2888358
#1	2916.365	56704.28	10563.52	1953.823	4441.541
#2	2923.734	56625.60	10515.40	1936.933	4441.536
#3	2908.883	56974.74	10454.37	1944.255	4419.356

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166376BL Acquired: 1/30/2025 16:32:46 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0006004	-.001394	-.000164	.0003245	-.002384	-.009993	-.002192
Stddev	.0002783	.000453	.000192	.0010363	.000343	.003854	.000980
%RSD	46.35345	32.51336	117.1796	319.3555	14.38641	38.56624	44.69842
#1	.0003054	-.001796	-.000343	-.000349	-.002701	-.012227	-.002902
#2	.0006377	-.001483	-.000186	.001518	-.002430	-.012209	-.001074
#3	.0008583	-.000903	.000039	-.000195	-.002020	-.005543	-.002601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000236	-.000217	-.012833	.0001193	-.000148	-.000070	-.011516
Stddev	.0000787	.000073	.005358	.0002480	.000061	.000278	.000941
%RSD	332.8928	33.69311	41.75065	207.9161	40.87525	394.1239	8.174428
#1	.0001134	-.000298	-.017632	.0002234	-.000173	-.000386	-.012601
#2	-.000009	-.000157	-.007052	.0002982	-.000079	.000036	-.010918
#3	-.000033	-.000195	-.013816	-.000164	-.000193	.000139	-.011029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000739	-.003684	-.000543	.0007210	.0428443	-.001067	-.003052
Stddev	.000242	.009052	.000057	.0006773	.0109720	.000978	.000207
%RSD	32.75874	245.7037	10.42075	93.94162	25.60892	91.60824	6.782513
#1	-.000589	-.012815	-.000567	.0004485	.0301827	-.000649	-.002838
#2	-.000610	.005287	-.000584	.0014921	.0495587	-.002185	-.003068
#3	-.001018	-.003525	-.000479	.0002223	.0487915	-.000368	-.003251

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1251189	.0003449	-.000103	-.000630	.0002236	-.005695	-.000603
Stddev	.0269087	.0002906	.000144	.000401	.0006319	.001521	.001243
%RSD	21.50647	84.26379	139.1456	63.62699	282.5766	26.70461	206.3130
#1	.0940686	.0000730	-.000248	-.000332	.0007046	-.006631	-.001563
#2	.1396517	.0003105	-.000101	-.001086	-.000492	-.003940	-.001048
#3	.1416365	.0006512	.000039	-.000472	.000458	-.006514	.000802

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166376BL Acquired: 1/30/2025 16:32:46 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.006615	-.005028	-.000440
Stddev	.002824	.000983	.000024
%RSD	42.68591	19.54911	5.446308
#1	-.008829	-.004263	-.000432
#2	-.003435	-.006137	-.000466
#3	-.007582	-.004685	-.000420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.124	56016.51	10611.43	1925.783	4307.234
Stddev	.794	252.44	14.45	5.515	1.296
%RSD	.0278181	.4506452	.1361482	.2863981	.0300832
#1	2852.624	55817.52	10627.96	1922.646	4305.972
#2	2854.039	55931.54	10605.13	1922.552	4308.561
#3	2852.709	56300.47	10601.21	1932.151	4307.167

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166376BS Acquired: 1/30/2025 16:37:06 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7868075	1.954768	.9321776	1.946577	.7745606	1.770784
Stddev	.0040461	.010487	.0026156	.004972	.0003856	.014246
%RSD	.5142473	.5364751	.2805939	.2553986	.0497799	.8045199
#1	.7821545	1.961966	.9293157	1.941112	.7749691	1.766748
#2	.7887688	1.959602	.9327727	1.950830	.7745098	1.758992
#3	.7894992	1.942736	.9344444	1.947791	.7742030	1.786613

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1695629	.1764652	.1863840	.8999484	.3897245	.1864778
Stddev	.0016326	.0015051	.0007767	.0158788	.0007603	.0003940
%RSD	.9628278	.8528930	.4167390	1.764408	.1950867	.2112686
#1	.1681463	.1759241	.1855731	.8883169	.3892642	.1864209
#2	.1691942	.1753055	.1864577	.8934895	.3893072	.1861154
#3	.1713484	.1781660	.1871213	.9180388	.3906021	.1868971

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2985510	2.832275	.1749575	1.741172	.4711742	.0703736
Stddev	.0015879	.009166	.0016784	.011249	.0015328	.0001203
%RSD	.5318584	.3236361	.9593138	.6460728	.3253061	.1709902
#1	.2984202	2.822434	.1738132	1.732548	.4695270	.0703758
#2	.2970326	2.840569	.1741751	1.737072	.4714370	.0704928
#3	.3002002	2.833824	.1768842	1.753896	.4725585	.0702522

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.918229	.2663703	.1916213	9.392580	.2556028	.3914695
Stddev	.011336	.0059126	.0000702	.073821	.0020633	.0002071
%RSD	.3884593	2.219693	.0366230	.7859479	.8072413	.0529053
#1	2.913989	.2643075	.1916037	9.360156	.2540534	.3912795
#2	2.909625	.2617655	.1916987	9.340520	.2548102	.3914387
#3	2.931074	.2730380	.1915617	9.477064	.2579449	.3916902

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: PB166376BS Acquired: 1/30/2025 16:37:06 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6549574	.1774981	F .6874462	5.418720	F -.017451	.1760984
Stddev	.0017610	.0008347	.0020604	.006426	.001010	.0032302
%RSD	.2688668	.4702800	.2997221	.1185858	5.786525	1.834293
#1	.6530071	.1779014	.6887735	5.413364	-.017755	.1746186
#2	.6564307	.1765383	.6850726	5.425845	-.016324	.1738733
#3	.6554346	.1780546	.6884926	5.416952	-.018274	.1798034

Elem	Sr4077
Units	ppm
Avg	.1724302
Stddev	.0018726
%RSD	1.086016
#1	.1715113
#2	.1711946
#3	.1745848

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.467	56665.07	10677.81	1940.159	4276.025
Stddev	1.642	60.66	81.68	8.799	5.106
%RSD	.0572988	.1070525	.7649420	.4535451	.1194139
#1	2865.620	56614.01	10713.64	1936.793	4279.962
#2	2867.026	56649.07	10735.45	1933.539	4277.858
#3	2863.753	56732.13	10584.34	1950.145	4270.255

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-03 Acquired: 1/30/2025 16:41:06 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1176099	-.011558	5.016028	-.046599	.0120603	86.76661
Stddev	.0035452	.001020	.019075	.002304	.0018839	.17922
%RSD	3.014356	8.821354	.3802732	4.944344	15.62063	.2065534
#1	.1167290	-.010443	5.020166	-.046832	.0108351	86.63978
#2	.1215125	-.012443	5.032693	-.048778	.0111162	86.97164
#3	.1145883	-.011787	4.995223	-.044188	.0142296	86.68840

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.355180	.0065673	.0028266	812.0968	.2921486	.1030999
Stddev	.003076	.0000134	.0001025	2.1657	.0001807	.0004657
%RSD	.2269466	.2039996	3.626870	.2666820	.0618566	.4517377
#1	1.351639	.0065689	.0027459	810.6920	.2919610	.1036369
#2	1.357179	.0065798	.0029420	814.5910	.2921635	.1028051
#3	1.356723	.0065532	.0027920	811.0076	.2923215	.1028578

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.153714	213.5696	3.283866	149.0085	.3085126	.0062842
Stddev	.007476	.5083	.002303	.4255	.0013507	.0008834
%RSD	.6480082	.2380052	.0701192	.2855613	.4377994	14.05754
#1	1.152276	214.1504	3.281808	148.8394	.3080615	.0071277
#2	1.161805	213.2057	3.286353	149.4926	.3100310	.0063592
#3	1.147061	213.3527	3.283436	148.6936	.3074451	.0053657

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	121.3945	.2891901	2.016406	23.53745	.3529764	.0117353
Stddev	.2283	.0027029	.003276	.05068	.0004800	.0005909
%RSD	.1880332	.9346419	.1624791	.2152965	.1359987	5.035395
#1	121.6254	.2865925	2.012625	23.57506	.3533982	.0114953
#2	121.1689	.2919872	2.018175	23.47983	.3524541	.0124085
#3	121.3891	.2889906	2.018417	23.55747	.3530770	.0113021

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-03 Acquired: 1/30/2025 16:41:06 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1776610	3.912567	F 15.65589	6.933613	F 41.44026	.0095753
Stddev	.0002422	.007723	.03483	.025812	.17669	.0008779
%RSD	.1363296	.1973775	.2224447	.3722740	.4263836	9.168707
#1	.1776474	3.904630	15.67911	6.939768	41.49138	.0093651
#2	.1779098	3.920056	15.61585	6.955792	41.58576	.0105393
#3	.1774259	3.913016	15.67271	6.905280	41.24364	.0088216

Elem	Sr4077
Units	ppm
Avg	2.012103
Stddev	.024570
%RSD	1.221097
#1	2.022563
#2	1.984034
#3	2.029711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.906	52226.86	11300.90	1767.610	3231.150
Stddev	10.974	81.58	58.39	5.465	12.204
%RSD	.4176113	.1561980	.5167226	.3091809	.3777077
#1	2629.470	52321.05	11364.92	1771.257	3231.507
#2	2616.233	52178.55	11250.55	1770.247	3218.771
#3	2638.014	52180.99	11287.24	1761.327	3243.172

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-07 Acquired: 1/30/2025 16:45:27 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1127267	-.006051	3.862155	-.045756	.0100517	75.68074
Stddev	.0023800	.002511	.036856	.002794	.0028054	.15754
%RSD	2.111310	41.49439	.9542863	6.106951	27.91004	.2081665
#1	.1113333	-.003174	3.831792	-.043482	.0091653	75.75607
#2	.1154748	-.007184	3.851512	-.048876	.0131932	75.78647
#3	.1113719	-.007797	3.903161	-.044911	.0077965	75.49967

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.499979	.0063247	.0040798	1039.152	.4007513	.1011460
Stddev	.000299	.0000919	.0001638	1.763	.0021610	.0008722
%RSD	.0199196	1.452465	4.013563	.1696765	.5392392	.8622848
#1	1.500268	.0063390	.0039294	1040.142	.4004309	.1003179
#2	1.499998	.0062265	.0042543	1037.116	.3987683	.1010637
#3	1.499671	.0064085	.0040558	1040.197	.4030545	.1020564

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8818157	195.1793	2.833413	99.50020	.4435740	.0043007
Stddev	.0060498	.8693	.007516	.26551	.0035356	.0008420
%RSD	.6860609	.4453651	.2652648	.2668444	.7970620	19.57936
#1	.8760389	194.9247	2.825200	99.30348	.4405846	.0033439
#2	.8813025	194.4658	2.835091	99.80220	.4426608	.0046292
#3	.8881058	196.1474	2.839948	99.39491	.4474765	.0049290

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.86190	.2529007	2.857166	19.70855	.2098767	.0325203
Stddev	.20461	.0018862	.025462	.12811	.0017483	.0005975
%RSD	.3945292	.7458455	.8911498	.6500115	.8330176	1.837416
#1	51.99531	.2511290	2.864090	19.76820	.2101911	.0324787
#2	51.62633	.2548837	2.828958	19.56150	.2079926	.0319446
#3	51.96407	.2526893	2.878449	19.79596	.2114465	.0331375

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-07 Acquired: 1/30/2025 16:45:27 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.2224815	2.529285	8.018902	7.425072	F 20.04301	-.021191
Stddev	.0020740	.005725	.139459	.074921	.13870	.000442
%RSD	.9321913	.2263603	1.739125	1.009028	.6920007	2.085008
#1	.2213127	2.535848	8.112542	7.352174	19.89669	-.021598
#2	.2212559	2.526699	7.858626	7.421178	20.05978	-.020721
#3	.2248761	2.525310	8.085539	7.501864	20.17256	-.021253

Elem	Sr4077
Units	ppm
Avg	2.533140
Stddev	.020571
%RSD	.8120841
#1	2.531840
#2	2.554331
#3	2.513250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2713.160	54357.77	11661.48	1851.216	3268.507
Stddev	17.288	207.07	30.88	8.733	25.432
%RSD	.6371744	.3809431	.2648136	.4717211	.7780952
#1	2730.798	54440.01	11695.71	1843.131	3293.723
#2	2712.437	54511.09	11635.72	1860.477	3268.932
#3	2696.245	54122.21	11653.00	1850.040	3242.865

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-11 Acquired: 1/30/2025 16:49:47 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0809795	-.011991	2.377158	-.040766	.0038890	87.10332
Stddev	.0008140	.001567	.007310	.002896	.0005992	.84744
%RSD	1.005178	13.06934	.3075144	7.104461	15.40866	.9729170
#1	.0801380	-.010185	2.368723	-.037951	.0036269	88.01289
#2	.0810374	-.012995	2.381093	-.040610	.0034656	86.96108
#3	.0817629	-.012793	2.381658	-.043737	.0045747	86.33600

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8868286	.0075482	.0020265	412.9234	.2685353	.0829880
Stddev	.0097054	.0000339	.0003510	2.9321	.0007320	.0004653
%RSD	1.094397	.4484982	17.31876	.7100714	.2725732	.5606661
#1	.8979713	.0075492	.0017058	416.1936	.2690980	.0827535
#2	.8822938	.0075138	.0024015	412.0473	.2677078	.0826867
#3	.8802206	.0075815	.0019723	410.5292	.2688001	.0835239

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9979136	206.2489	2.826642	141.4020	.2769830	.0047178
Stddev	.0034992	1.0425	.021387	.9171	.0010177	.0001554
%RSD	.3506551	.5054647	.7566098	.6485972	.3674233	3.293360
#1	.9938734	207.2245	2.849100	142.2784	.2758096	.0046231
#2	.9999813	205.1504	2.824308	141.4786	.2776253	.0048971
#3	.9998860	206.3720	2.806518	140.4489	.2775140	.0046331

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.17329	.3096127	1.961252	21.11860	.3308568	.0086428
Stddev	.42654	.0024064	.006787	.21845	.0013703	.0002167
%RSD	.8501243	.7772294	.3460565	1.034408	.4141801	2.506942
#1	50.65301	.3122406	1.964076	21.35707	.3322602	.0084350
#2	49.83684	.3090807	1.953509	20.92816	.3295222	.0088673
#3	50.03001	.3075168	1.966171	21.07057	.3307880	.0086260

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-11 Acquired: 1/30/2025 16:49:47 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0758461	3.792935	F 17.74939	6.479457	F 24.11704	.0533853
Stddev	.0008198	.033050	.10281	.027826	.14290	.0014430
%RSD	1.080832	.8713531	.5792517	.4294419	.5925203	2.702965
#1	.0765518	3.827135	17.84942	6.447371	23.95473	.0550515
#2	.0760396	3.790499	17.64400	6.494042	24.17245	.0525417
#3	.0749469	3.761170	17.75474	6.496958	24.22393	.0525627

Elem	Sr4077
Units	ppm
Avg	1.070645
Stddev	.005409
%RSD	.5052089
#1	1.075040
#2	1.072290
#3	1.064604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.895	55818.22	11432.40	1898.973	3552.844
Stddev	2.702	67.48	66.17	5.079	8.961
%RSD	.0958793	.1208994	.5788141	.2674351	.2522270
#1	2820.809	55740.37	11403.75	1893.416	3562.812
#2	2817.401	55860.23	11385.38	1900.130	3545.454
#3	2815.474	55854.04	11508.07	1903.373	3550.266

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-15 Acquired: 1/30/2025 16:54:08 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1501565	-.000519	3.322399	-.016187	.0251794	51.10993	1.206435
Stddev	.0010509	.000331	.007698	.000433	.0013137	.91142	.017680
%RSD	.6998821	63.88632	.2317073	2.673645	5.217262	1.783247	1.465478
#1	.1504510	-.000159	3.313708	-.015994	.0260053	51.07887	1.207169
#2	.1489897	-.000811	3.325126	-.016683	.0236645	52.03648	1.223736
#3	.1510287	-.000587	3.328362	-.015884	.0258682	50.21444	1.188399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065767	-.001393	143.1628	.1586684	.0737527	1.136383	174.7443
Stddev	.0001839	.000210	2.0867	.0009860	.0003184	.002590	1.0054
%RSD	2.795479	15.07864	1.457553	.6213966	.4316873	.2279276	.5753759
#1	.0066422	-.001452	143.3498	.1589980	.0734282	1.134553	174.3496
#2	.0067189	-.001568	145.1497	.1594473	.0737655	1.135250	175.8871
#3	.0063691	-.001160	140.9889	.1575599	.0740645	1.139347	173.9960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996136	49.41575	.2416225	.0050266	46.73552	.2123000	1.775824
Stddev	.026050	.83608	.0011208	.0007267	.39165	.0033592	.014998
%RSD	1.305034	1.691931	.4638429	14.45653	.8380122	1.582304	.8445400
#1	2.002988	49.61722	.2404766	.0042402	46.52652	.2141393	1.782620
#2	2.018075	50.13268	.2427163	.0051663	47.18734	.2143380	1.786220
#3	1.967344	48.49734	.2416746	.0056733	46.49270	.2084228	1.758631

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.31359	.2372442	.0157807	.1652586	2.811178	8.493923	5.856600
Stddev	.11480	.0021979	.0002296	.0006001	.039982	.097081	.022427
%RSD	.8020121	.9264245	1.454962	.3631184	1.422251	1.142951	.3829353
#1	14.25855	.2381449	.0158821	.1646202	2.816986	8.446085	5.832977
#2	14.44554	.2388486	.0155178	.1653443	2.847939	8.605640	5.859220
#3	14.23668	.2347390	.0159420	.1658111	2.768610	8.430045	5.877601

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-15 Acquired: 1/30/2025 16:54:08 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	9.792677	.0615494	1.251030
Stddev	.028014	.0018250	.031941
%RSD	.2860723	2.965072	2.553144
#1	9.762975	.0623724	1.282343
#2	9.796432	.0628178	1.252249
#3	9.818625	.0594578	1.218497

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.577	55835.46	11327.12	1907.128	3817.947
Stddev	6.212	327.69	174.46	7.199	10.174
%RSD	.2189302	.5868803	1.540214	.3774781	.2664816
#1	2843.957	55761.57	11256.32	1905.477	3829.575
#2	2831.547	55551.03	11199.19	1900.898	3810.678
#3	2837.227	56193.78	11525.85	1915.009	3813.590

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-19 Acquired: 1/30/2025 16:58:20 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1094312	-.013419	3.944694	-.049026	.0180388	105.2411
Stddev	.0032474	.002514	.006432	.002096	.0018466	.8543
%RSD	2.967522	18.73751	.1630570	4.276035	10.23660	.8117090
#1	.1099463	-.016015	3.949217	-.046773	.0159104	104.4850
#2	.1059571	-.013247	3.937330	-.049385	.0189921	106.1677
#3	.1123903	-.010995	3.947533	-.050919	.0192139	105.0705

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.224519	.0082079	.0054925	781.0945	.3106508	.1135279
Stddev	.009139	.0000572	.0004719	12.6570	.0010849	.0001923
%RSD	.7463386	.6971972	8.591679	1.620419	.3492299	.1693824
#1	1.218540	.0081929	.0057253	766.5547	.3103887	.1133061
#2	1.235039	.0081596	.0049495	789.6470	.3118427	.1136484
#3	1.219978	.0082711	.0058028	787.0819	.3097210	.1136292

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.141954	235.1707	4.378285	131.9585	.3297184	.0046548
Stddev	.004916	1.1933	.039317	1.4428	.0004773	.0006076
%RSD	.4304482	.5074253	.8979898	1.093400	.1447591	13.05294
#1	1.144422	234.7585	4.345099	130.6657	.3298203	.0049636
#2	1.136294	236.5154	4.421707	133.5150	.3291984	.0039549
#3	1.145147	234.2381	4.368050	131.6948	.3301365	.0050460

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.14857	.3371069	3.767092	27.73933	.3437435	.0094664
Stddev	.16680	.0026051	.005964	.07434	.0032992	.0006948
%RSD	.2820072	.7727752	.1583256	.2680051	.9597733	7.339863
#1	59.31104	.3340991	3.761845	27.79129	.3422233	.0092036
#2	59.15691	.3385775	3.773579	27.77252	.3475287	.0089413
#3	58.97775	.3386441	3.765851	27.65417	.3414786	.0102543

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1216-19 Acquired: 1/30/2025 16:58:20 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1153360	5.105429	7.437086	7.898878	F 28.22978	.0189312
Stddev	.0011849	.038398	.022650	.042360	.08025	.0011080
%RSD	1.027367	.7521014	.3045582	.5362727	.2842893	5.852810
#1	.1166935	5.073661	7.423783	7.883533	28.23497	.0200933
#2	.1145093	5.148099	7.463239	7.866330	28.14706	.0188134
#3	.1148052	5.094527	7.424236	7.946772	28.30732	.0178867

Elem	Sr4077
Units	ppm
Avg	2.908331
Stddev	.038999
%RSD	1.340958
#1	2.893588
#2	2.952553
#3	2.878852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.737	53411.58	11366.27	1794.077	3376.497
Stddev	10.392	276.50	130.08	4.838	10.755
%RSD	.3777931	.5176735	1.144402	.2696803	.3185349
#1	2746.072	53623.63	11497.13	1798.770	3370.771
#2	2762.644	53098.85	11237.00	1789.106	3388.904
#3	2743.495	53512.27	11364.69	1794.356	3369.816

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1218-01 Acquired: 1/30/2025 17:02:40 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.003092	-.000211	.0086228	.0062818	-.000346	.2657598
Stddev	.001294	.000705	.0009269	.0008909	.001176	.0018111
%RSD	41.84996	333.7798	10.74919	14.18235	339.7880	.6814915
#1	-.003090	.000077	.0082099	.0064754	-.001401	.2662314
#2	-.004387	.000304	.0096844	.0070601	.000922	.2637595
#3	-.001799	-.001015	.0079741	.0053101	-.000559	.2672884

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071169	-.000009	.0000517	3.176617	.0069339	.0002770
Stddev	.0005017	.000052	.0000746	.006633	.0003487	.0001119
%RSD	7.049442	558.5131	144.3589	.2088187	5.028598	40.39813
#1	.0069215	.000016	.0000282	3.183345	.0065424	.0001800
#2	.0067424	-.000070	-.000008	3.176422	.0070482	.0003995
#3	.0076869	.000025	.000135	3.170083	.0072111	.0002516

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409935	1.456046	.0197882	.4467117	.0027800	.0004415
Stddev	.0004548	.010878	.0000928	.0073752	.0004361	.0002859
%RSD	1.109421	.7470575	.4688871	1.650991	15.68653	64.74817
#1	.0413817	1.456284	.0197899	.4467520	.0022911	.0001268
#2	.0404931	1.466803	.0196946	.4540666	.0031287	.0006851
#3	.0411056	1.445052	.0198801	.4393165	.0029203	.0005126

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.36312	.0015785	.5574137	5.842316	4.419585	.0570496
Stddev	.36757	.0003646	.0017163	.087415	.021392	.0000421
%RSD	1.010819	23.09507	.3079032	1.496239	.4840214	.0738412
#1	36.28733	.0019756	.5554372	5.843799	4.428422	.0570801
#2	36.76267	.0015011	.5582776	5.928980	4.395190	.0570672
#3	36.03935	.0012589	.5585265	5.754169	4.435142	.0570015

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1218-01 Acquired: 1/30/2025 17:02:40 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0055050	.0154141	.7397999	4.141810	F 31.27562	-.004403
Stddev	.0003490	.0005062	.0084834	.017243	.03681	.000670
%RSD	6.340005	3.283703	1.146714	.4163114	.1177037	15.22266
#1	.0052852	.0151937	.7360802	4.159315	31.26862	-.003775
#2	.0059074	.0150555	.7495077	4.124842	31.24282	-.005109
#3	.0053223	.0159931	.7338118	4.141274	31.31544	-.004324

Elem	Sr4077
Units	ppm
Avg	.0095240
Stddev	.0000533
%RSD	.5600148
#1	.0095608
#2	.0095484
#3	.0094628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.854	56654.53	11090.23	1883.150	4260.726
Stddev	3.411	274.96	31.43	10.937	10.483
%RSD	.1213409	.4853297	.2834197	.5807936	.2460471
#1	2812.622	56621.98	11054.20	1888.902	4269.570
#2	2813.016	56397.29	11112.05	1870.537	4263.463
#3	2806.922	56944.31	11104.43	1890.011	4249.146

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1219-01 Acquired: 1/30/2025 17:06:55 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0034304	.0062981	.0033121	.0002830	-.001926	.0587834	.0000024
Stddev	.0016096	.0015017	.0009884	.0016403	.000257	.0128598	.0006281
%RSD	46.92176	23.84364	29.84078	579.6227	13.32060	21.87665	25742.39
#1	.0021558	.0069545	.0033302	-.000494	-.002094	.0722077	.0004630
#2	.0028963	.0045800	.0042914	-.000824	-.001631	.0575682	.0002574
#3	.0052392	.0073598	.0023149	.002167	-.002053	.0465743	-.000713

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000174	-.000253	3.777795	.0020090	-.000700	.0120470	.7117451
Stddev	.000016	.000058	.008556	.0002113	.000148	.0002826	.0021520
%RSD	9.041419	22.83671	.2264920	10.51988	21.19557	2.345888	.3023554
#1	-.000156	-.000260	3.773152	.0018237	-.000780	.0123232	.7139379
#2	-.000186	-.000306	3.787669	.0022392	-.000791	.0120594	.7116610
#3	-.000180	-.000191	3.772564	.0019641	-.000529	.0117584	.7096364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069524	.5771857	.0003817	.0010839	.4870257	-.002071	1.909458
Stddev	.0001328	.0092204	.0001433	.0002617	.0134930	.001008	.008759
%RSD	1.909886	1.597474	37.55083	24.14540	2.770487	48.69165	.4586903
#1	.0069130	.5878009	.0003859	.0013749	.4961190	-.000953	1.899389
#2	.0068438	.5725877	.0002363	.0008678	.4715226	-.002911	1.915315
#3	.0071005	.5711685	.0005229	.0010089	.4934356	-.002348	1.913670

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601005	.3371194	1.136823	.0008563	.0043241	.0891134	2.930923
Stddev	.0406010	.0026666	.004253	.0006480	.0002048	.0044760	.003369
%RSD	67.55520	.7909882	.3740935	75.66700	4.736881	5.022766	.1149595
#1	.0283653	.3388289	1.134222	.0006062	.0040950	.0843441	2.927108
#2	.0460832	.3384825	1.134516	.0003707	.0043877	.0932227	2.932167
#3	.1058528	.3340468	1.141731	.0015921	.0044896	.0897734	2.933494

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1219-01 Acquired: 1/30/2025 17:06:55 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.095327	-.005650	.0020894
Stddev	.010878	.000704	.0000538
%RSD	.2656094	12.46869	2.574495
#1	4.086083	-.006296	.0020516
#2	4.092585	-.005754	.0021510
#3	4.107313	-.004899	.0020657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.949	56901.24	11270.26	1899.377	4446.883
Stddev	7.943	286.74	62.68	10.023	7.656
%RSD	.2755259	.5039246	.5561645	.5277231	.1721565
#1	2888.276	56992.59	11256.87	1907.706	4454.693
#2	2886.751	57131.17	11215.35	1902.173	4446.564
#3	2873.819	56579.95	11338.55	1888.253	4439.391

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1220-01 Acquired: 1/30/2025 17:11:09 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0697904	-.000180	1.488598	-.041514	.0015752	115.6399	.7423304
Stddev	.0029199	.000996	.005155	.002640	.0003098	.5182	.0015773
%RSD	4.183823	552.2133	.3463231	6.360096	19.66556	.4481152	.2124724
#1	.0730386	-.000984	1.493482	-.038939	.0012412	115.6568	.7437546
#2	.0673836	-.000492	1.489103	-.041387	.0018531	115.1134	.7406352
#3	.0689489	.000935	1.483209	-.044215	.0016314	116.1494	.7426014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100812	-.004297	114.0609	.1914000	.1315040	.3653838	252.3757
Stddev	.0001134	.000133	.6679	.0023153	.0008945	.0015164	2.2148
%RSD	1.124875	3.093958	.5855779	1.209640	.6801833	.4150078	.8775814
#1	.0100921	-.004356	114.4221	.1940681	.1324962	.3650994	254.5517
#2	.0099627	-.004391	113.2901	.1899198	.1312564	.3640298	252.4514
#3	.0101888	-.004145	114.4703	.1902121	.1307594	.3670222	250.1240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305140	39.78224	.1599657	.0027962	11.90253	.3447002	1.191500
Stddev	.012161	.27404	.0008123	.0001266	.10295	.0031907	.010371
%RSD	.5275615	.6888552	.5078198	4.525842	.8649092	.9256458	.8704279
#1	2.313289	39.82486	.1609016	.0026529	11.96906	.3472975	1.203366
#2	2.291161	39.48939	.1594433	.0028928	11.95457	.3411386	1.186968
#3	2.310969	40.03248	.1595521	.0028429	11.78395	.3456647	1.184167

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.90429	.1670985	.0048688	.0528532	1.956268	7.480329	4.281434
Stddev	.14419	.0040240	.0000463	.0013409	.009253	.105169	.020590
%RSD	.8053560	2.408133	.9516074	2.537111	.4729764	1.405938	.4809224
#1	18.05162	.1694938	.0048526	.0543279	1.964314	7.595513	4.302109
#2	17.89779	.1693489	.0049211	.0525246	1.946158	7.456051	4.260930
#3	17.76346	.1624528	.0048328	.0517071	1.958333	7.389422	4.281263

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1220-01 Acquired: 1/30/2025 17:11:09 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.683557	.0823998	.5337547
Stddev	.035359	.0003515	.0033912
%RSD	.4071988	.4265603	.6353544
#1	8.724225	.0824781	.5327497
#2	8.666364	.0820158	.5309796
#3	8.660083	.0827056	.5375349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3043.287	58027.38	12071.09	1963.697	3873.508
Stddev	8.740	446.56	104.06	19.109	12.872
%RSD	.2872058	.7695620	.8620838	.9731161	.3323127
#1	3034.511	57527.99	12032.19	1942.147	3858.956
#2	3043.360	58165.83	12189.00	1970.371	3878.159
#3	3051.991	58388.31	11992.08	1978.575	3883.408

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV06 Acquired: 1/30/2025 17:19:49 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972144	5.005029	4.880381	4.972694	5.053623	9.692030	9.258712
Stddev	.015771	.013022	.014999	.015246	.005679	.068083	.173136
%RSD	.3171921	.2601785	.3073335	.3065981	.1123806	.7024604	1.869984
#1	4.964819	4.992538	4.863533	4.958423	5.047069	9.658522	9.360985
#2	4.961368	5.004026	4.892279	4.970903	5.057103	9.647195	9.058809
#3	4.990246	5.018524	4.885332	4.988757	5.056697	9.770372	9.356342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2350803	2.438641	23.52509	1.006515	2.441557	1.256832	4.804878
Stddev	.0029949	.008928	.17250	.003459	.007999	.004086	.012436
%RSD	1.273986	.3661144	.7332607	.3436359	.3276318	.3251191	.2588102
#1	.2324879	2.428458	23.42916	1.002529	2.432596	1.252335	4.796055
#2	.2343945	2.442337	23.42188	1.008728	2.444094	1.257842	4.819101
#3	.2383587	2.445128	23.72423	1.008288	2.447979	1.260318	4.799480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.288035	23.73446	2.444969	1.232165	24.91528	2.384459	2.469215
Stddev	.015963	.24655	.008995	.003895	.08675	.017717	.001913
%RSD	.6976551	1.038804	.3679078	.3161454	.3481985	.7430095	.0774881
#1	2.282892	23.65982	2.435472	1.227841	24.98915	2.374619	2.467247
#2	2.275279	23.53386	2.446076	1.233256	24.93693	2.373846	2.471068
#3	2.305935	24.00972	2.453360	1.235399	24.81975	2.404911	2.469330

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.34428	4.657617	5.057528	4.918539	4.681426	5.109519	4.906146
Stddev	.12778	.058933	.010312	.014412	.030492	.003842	.009046
%RSD	.5248878	1.265294	.2038997	.2930038	.6513398	.0751863	.1843811
#1	24.37545	4.609326	5.046049	4.902031	4.668567	5.107299	4.895883
#2	24.45359	4.640243	5.060524	4.924980	4.659470	5.107303	4.909590
#3	24.20380	4.723284	5.066010	4.928607	4.716242	5.113955	4.912963

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV06 Acquired: 1/30/2025 17:19:49 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.796142	4.648672	4.666167
Stddev	.016946	.024789	.065681
%RSD	.3533339	.5332467	1.407600
#1	4.776663	4.642003	4.590725
#2	4.804259	4.627899	4.697151
#3	4.807503	4.676113	4.710625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.718	54840.07	10008.69	1839.603	3995.319
Stddev	1.920	184.58	129.20	5.712	7.113
%RSD	.0693854	.3365706	1.290856	.3105106	.1780295
#1	2768.103	54871.70	10073.67	1833.045	4002.671
#2	2764.527	55006.79	10092.50	1842.269	3988.472
#3	2767.525	54641.72	9859.90	1843.495	3994.814

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB06 Acquired: 1/30/2025 17:24:27 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000139	-.000866	-.000175	.0004850	-.002138	-.011375	-.002285
Stddev	.001036	.001320	.000899	.0010470	.000345	.006562	.000164
%RSD	745.1063	152.3837	514.2391	215.8797	16.15171	57.68187	7.156957
#1	.000581	-.001276	.000809	.0011569	-.002517	-.015012	-.002322
#2	-.001326	-.001932	-.000954	.0010194	-.002055	-.015314	-.002106
#3	.000328	.000610	-.000380	-.000721	-.001842	-.003801	-.002426

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000200	-.018818	.0003066	-.000231	-.000234	-.020401
Stddev	.000024	.000020	.005870	.0003365	.000157	.000232	.004495
%RSD	382.7242	10.22665	31.19524	109.7650	67.91611	99.04672	22.03299
#1	-.000034	-.000211	-.021604	.0002304	-.000083	-.000467	-.016284
#2	.000004	-.000213	-.022776	.0006746	-.000395	-.000230	-.019722
#3	.000011	-.000177	-.012073	.0000147	-.000213	-.000004	-.025196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000557	.0033048	-.000278	.0002948	.0287488	-.000750	-.002990
Stddev	.000178	.0006995	.000240	.0006970	.0043230	.002523	.000061
%RSD	31.91928	21.16726	86.21856	236.4127	15.03730	336.5508	2.030496
#1	-.000763	.0027076	-.000068	-.000507	.0248591	-.000088	-.002972
#2	-.000446	.0040744	-.000228	.000759	.0334031	.001377	-.003057
#3	-.000463	.0031324	-.000539	.000632	.0279842	-.003538	-.002940

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548770	.0047472	-.000137	-.000749	.0008728	-.003148	.0006624
Stddev	.0207082	.0003018	.000133	.000848	.0005848	.004067	.0039805
%RSD	37.73573	6.357929	97.21858	113.1740	66.99737	129.1962	600.9237
#1	.0590799	.0046292	-.000048	.000141	.0003443	-.007543	-.003850
#2	.0323897	.0050901	-.000289	-.000842	.0007730	.000483	.003674
#3	.0731614	.0045221	-.000073	-.001547	.0015010	-.002384	.002164

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB06 Acquired: 1/30/2025 17:24:27 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008914	-.004279	-.000266
Stddev	.001153	.001114	.000063
%RSD	12.93841	26.03603	23.55550
#1	-.007658	-.005534	-.000316
#2	-.009926	-.003406	-.000286
#3	-.009156	-.003898	-.000196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.986	56346.86	10549.01	1918.812	4347.513
Stddev	4.684	99.59	33.18	5.434	10.652
%RSD	.1624198	.1767473	.3144866	.2831905	.2450224
#1	2878.721	56360.23	10573.83	1923.166	4335.213
#2	2885.549	56241.26	10561.88	1912.722	4353.588
#3	2887.690	56439.09	10511.33	1920.548	4353.739

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01 Acquired: 1/30/2025 17:28:48 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0183108	-.014456	.0322930	-.024249	-.001785	82.27492
Stddev	.0009770	.002563	.0012776	.000647	.001553	.10158
%RSD	5.335731	17.72857	3.956392	2.666581	87.00951	.1234636
#1	.0185651	-.014858	.0314049	-.023521	-.002125	82.31454
#2	.0172318	-.016793	.0317169	-.024468	-.000090	82.15949
#3	.0191355	-.011715	.0337573	-.024757	-.003140	82.35071

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3792577	.0046369	-.001156	869.7378	.1601504	.0201212
Stddev	.0017798	.0000737	.000136	3.1781	.0010787	.0000510
%RSD	.4692716	1.588955	11.74070	.3654053	.6735266	.2536223
#1	.3808454	.0045714	-.001295	873.3703	.1612835	.0201295
#2	.3773339	.0046228	-.001024	868.3727	.1600318	.0200666
#3	.3795938	.0047167	-.001148	867.4703	.1591360	.0201676

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415642	84.64257	1.739443	36.58408	.0541707	.0011163
Stddev	.0006957	.36549	.007550	.04478	.0003497	.0003809
%RSD	1.673761	.4318039	.4340588	.1224127	.6455848	34.12266
#1	.0407736	85.04421	1.743384	36.54040	.0540854	.0015332
#2	.0418366	84.32953	1.730737	36.58196	.0538716	.0007863
#3	.0420825	84.55396	1.744206	36.62989	.0545552	.0010295

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.681203	.1382008	.1291257	8.327703	.2482209	.0022915
Stddev	.008027	.0012393	.0006604	.048598	.0001748	.0001683
%RSD	.4774522	.8967115	.5114654	.5835649	.0704155	7.346324
#1	1.677071	.1396314	.1294276	8.365179	.2481482	.0023358
#2	1.690454	.1375134	.1295813	8.272793	.2484203	.0024332
#3	1.676084	.1374575	.1283683	8.345135	.2480942	.0021054

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01 Acquired: 1/30/2025 17:28:48 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.004206	3.090183	1.756691	5.713242	F 32.15783	-.094101
Stddev	.000440	.006170	.011675	.025531	.07249	.000798
%RSD	10.45313	.1996624	.6645978	.4468703	.2254257	.8484405
#1	-.004706	3.093738	1.767469	5.692964	32.08181	-.094637
#2	-.004033	3.083059	1.758316	5.741912	32.22618	-.094482
#3	-.003880	3.093753	1.744289	5.704849	32.16552	-.093183

Elem	Sr4077
Units	ppm
Avg	4.612352
Stddev	.017937
%RSD	.3888919
#1	4.593524
#2	4.614293
#3	4.629240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.626	50237.55	10668.91	1712.669	3449.498
Stddev	3.225	24.93	12.23	8.785	5.889
%RSD	.1234487	.0496305	.1146446	.5129327	.1707244
#1	2616.180	50221.76	10682.84	1705.204	3455.410
#2	2611.811	50224.59	10663.98	1710.452	3449.452
#3	2609.886	50266.29	10659.91	1722.350	3443.632

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01DUP Acquired: 1/30/2025 17:33:14 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0165568	-.012175	.0317586	-.025328	-.002868	79.69284
Stddev	.0023728	.002747	.0013360	.001325	.001079	.20567
%RSD	14.33103	22.56199	4.206782	5.230030	37.62553	.2580819
#1	.0184549	-.009004	.0321812	-.026849	-.001653	79.92968
#2	.0173188	-.013694	.0328323	-.024711	-.003715	79.55913
#3	.0138966	-.013826	.0302624	-.024425	-.003235	79.58972

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3745316	.0044851	-.001498	845.3088	.1536241	.0191902
Stddev	.0002477	.0000332	.000123	12.2666	.0010397	.0001183
%RSD	.0661351	.7395440	8.240812	1.451142	.6767536	.6164398
#1	.3746745	.0045101	-.001545	848.6121	.1548146	.0190635
#2	.3746747	.0044475	-.001591	831.7287	.1531630	.0192094
#3	.3742456	.0044978	-.001358	855.5855	.1528947	.0192977

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394188	83.07712	1.703753	35.43605	.0521144	.0012679
Stddev	.0004426	.33767	.005155	.21372	.0002849	.0002731
%RSD	1.122830	.4064514	.3025858	.6031021	.5466158	21.54271
#1	.0391137	83.39062	1.704783	35.62731	.0522333	.0015581
#2	.0399264	82.71960	1.698161	35.20537	.0523206	.0010158
#3	.0392163	83.12113	1.708316	35.47548	.0517893	.0012298

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.623485	.1349360	.1253780	8.208206	.2416302	.0016854
Stddev	.007151	.0010591	.0008729	.038603	.0010808	.0002398
%RSD	.4404734	.7848901	.6962178	.4702996	.4472827	14.22920
#1	1.630384	.1361257	.1247603	8.245210	.2421810	.0016820
#2	1.616106	.1340958	.1249971	8.211227	.2403850	.0014472
#3	1.623966	.1345865	.1263767	8.168181	.2423247	.0019268

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01DUP Acquired: 1/30/2025 17:33:14 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.003028	3.021874	1.741214	5.468409	F 31.03785	-.092038
Stddev	.000808	.004798	.021262	.031915	.15172	.002348
%RSD	26.68422	.1587674	1.221103	.5836273	.4888335	2.550662
#1	-.002348	3.026197	1.716692	5.456934	30.95989	-.093014
#2	-.003921	3.016712	1.752451	5.443818	30.94095	-.089359
#3	-.002815	3.022714	1.754501	5.504475	31.21270	-.093740

Elem	Sr4077
Units	ppm
Avg	4.477178
Stddev	.098846
%RSD	2.207786
#1	4.589189
#2	4.402178
#3	4.440166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.669	52051.73	11100.77	1774.042	3572.906
Stddev	2.708	228.48	52.44	17.789	9.624
%RSD	.1004437	.4389542	.4724192	1.002719	.2693727
#1	2695.244	51844.38	11066.99	1775.095	3568.920
#2	2698.564	52296.68	11161.19	1791.281	3583.883
#3	2693.199	52014.13	11074.15	1755.751	3565.914

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01LX5 Acquired: 1/30/2025 17:37:40 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0014890	-.006070	.0050661	-.005426	-.003553	17.00486	.0807964
Stddev	.0015110	.002446	.0008738	.002785	.000419	.06498	.0015836
%RSD	101.4812	40.30479	17.24786	51.32830	11.80082	.3821112	1.959987
#1	.0019414	-.006092	.0043429	-.003661	-.003071	17.07061	.0826041
#2	-.000197	-.008504	.0048185	-.008637	-.003836	17.00329	.0801310
#3	.002722	-.003612	.0060370	-.003981	-.003752	16.94068	.0796540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010044	-.000804	188.7646	.0336810	.0038184	.0094669	17.70531
Stddev	.0000267	.000095	.7383	.0004133	.0001869	.0000970	.07753
%RSD	2.655679	11.81528	.3911051	1.227261	4.894713	1.024750	.4378731
#1	.0010128	-.000711	189.5919	.0339685	.0036073	.0093549	17.68877
#2	.0009745	-.000800	188.5292	.0332073	.0038848	.0095241	17.63738
#3	.0010258	-.000901	188.1728	.0338673	.0039630	.0095216	17.78977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3838605	7.910542	.0105734	.0001295	.3384968	.0288658	.0233533
Stddev	.0022119	.026616	.0005060	.0001950	.0125487	.0001799	.0001533
%RSD	.5762263	.3364657	4.785749	150.6286	3.707174	.6233770	.6563884
#1	.3864111	7.928326	.0100757	-.000033	.3287080	.0289388	.0232134
#2	.3824694	7.923357	.0110873	.000076	.3341389	.0286608	.0235172
#3	.3827010	7.879942	.0105572	.000346	.3526434	.0289977	.0233293

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.626715	.0533817	.0004958	-.004997	.6683211	.3502055	1.074875
Stddev	.018932	.0010456	.0001084	.000093	.0049821	.0094541	.007013
%RSD	1.163809	1.958749	21.85917	1.866288	.7454604	2.699589	.6524337
#1	1.612936	.0540220	.0003734	-.005101	.6740339	.3420538	1.067413
#2	1.618907	.0521751	.0005345	-.004922	.6648783	.3479932	1.081330
#3	1.648302	.0539480	.0005795	-.004968	.6660511	.3605697	1.075881

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01LX5 Acquired: 1/30/2025 17:37:40 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	5.980765	-.024827	.9899293
Stddev	.030923	.001037	.0039809
%RSD	.5170490	4.176588	.4021368
#1	5.948559	-.025686	.9941450
#2	5.983514	-.023675	.9894081
#3	6.010222	-.025121	.9862346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.954	53348.81	10723.17	1825.289	3998.903
Stddev	17.072	280.52	48.66	8.559	21.735
%RSD	.6138982	.5258184	.4537732	.4688861	.5435245
#1	2800.553	53323.58	10667.59	1825.269	4024.000
#2	2772.991	53641.08	10743.86	1833.857	3986.269
#3	2769.318	53081.75	10758.07	1816.740	3986.439

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01MS Acquired: 1/30/2025 17:41:54 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.9423746	1.919112	1.119778	1.826547	.3537595	129.3872
Stddev	.0030675	.019649	.004176	.005600	.0010472	.6380
%RSD	.3255021	1.023837	.3729590	.3066029	.2960172	.4930650
#1	.9426174	1.933641	1.119029	1.833011	.3546586	129.0404
#2	.9391930	1.926939	1.124279	1.823464	.3526097	130.1234
#3	.9453134	1.896756	1.116028	1.823166	.3540102	128.9977

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8124123	.1832668	.1990835	1071.830	.9509228	.2706629
Stddev	.0038225	.0016744	.0005949	9.411	.0052151	.0010109
%RSD	.4705164	.9136276	.2988024	.8780330	.5484272	.3734710
#1	.8121338	.1821491	.1984483	1076.738	.9563693	.2711663
#2	.8163664	.1851918	.1991747	1077.772	.9504243	.2713232
#3	.8087366	.1824593	.1996275	1060.979	.9459749	.2694992

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4262698	385.4740	2.628106	46.60445	.6214968	.0738831
Stddev	.0015799	1.9251	.015743	.30078	.0016460	.0012835
%RSD	.3706369	.4994013	.5990270	.6453969	.2648484	1.737233
#1	.4264174	387.4113	2.626262	46.44337	.6233672	.0748037
#2	.4246212	385.4492	2.644690	46.95147	.6208540	.0744286
#3	.4277706	383.5614	2.613367	46.41851	.6202691	.0724169

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.583293	.6329599	1.250541	27.25316	.6551590	.3769785
Stddev	.039662	.0033823	.003727	.10084	.0038410	.0011363
%RSD	.4620793	.5343577	.2980363	.3700222	.5862659	.3014308
#1	8.628450	.6327863	1.252271	27.36959	.6561124	.3782831
#2	8.554106	.6364256	1.253088	27.19647	.6584335	.3762045
#3	8.567322	.6296677	1.246263	27.19343	.6509311	.3764479

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01MS Acquired: 1/30/2025 17:41:54 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6986902	4.060091	2.043668	F 16.98220	F 42.79500	.1253975
Stddev	.0019205	.021333	.026645	.04979	.10162	.0002374
%RSD	.2748667	.5254238	1.303783	.2931827	.2374548	.1893350
#1	.6986295	4.055922	2.032898	17.03953	42.88773	.1256599
#2	.7006403	4.083201	2.074012	16.95725	42.81091	.1253349
#3	.6968008	4.041151	2.024093	16.94983	42.68637	.1251976

Elem	Sr4077
Units	ppm
Avg	8.589360
Stddev	.060046
%RSD	.6990794
#1	8.523520
#2	8.641105
#3	8.603456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.774	52733.39	10839.73	1760.395	3277.095
Stddev	3.968	165.80	75.77	8.929	5.605
%RSD	.1515338	.3144206	.6990424	.5071974	.1710275
#1	2614.313	52565.51	10879.21	1751.917	3272.907
#2	2621.912	52737.62	10752.37	1759.554	3274.915
#3	2620.096	52897.04	10887.61	1769.715	3283.461

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01MSD Acquired: 1/30/2025 17:46:09 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.9304318	1.930816	1.115296	1.802998	.3504425	131.6025
Stddev	.0036110	.009320	.001765	.004354	.0014290	.3211
%RSD	.3880999	.4827006	.1582446	.2414941	.4077789	.2440172
#1	.9276159	1.924886	1.114579	1.798353	.3520893	131.8838
#2	.9291765	1.926004	1.114002	1.806986	.3497096	131.6712
#3	.9345029	1.941559	1.117307	1.803654	.3495287	131.2526

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8490641	.1841445	.1948162	1109.426	.9511364	.2691658
Stddev	.0022547	.0014261	.0004768	7.971	.0066931	.0002099
%RSD	.2655550	.7744463	.2447179	.7184419	.7036953	.0779843
#1	.8512300	.1852098	.1952367	1114.907	.9585735	.2694003
#2	.8467300	.1846994	.1949138	1113.089	.9455973	.2691018
#3	.8492323	.1825244	.1942982	1100.283	.9492383	.2689954

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4153881	399.9021	2.736034	48.10890	.6170643	.0760811
Stddev	.0020042	2.1329	.005762	.26213	.0002428	.0011033
%RSD	.4824948	.5333491	.2105969	.5448666	.0393487	1.450153
#1	.4137782	400.5632	2.740183	48.23746	.6170832	.0773466
#2	.4176329	397.5169	2.738464	48.28194	.6172971	.0755756
#3	.4147533	401.6261	2.729455	47.80731	.6168125	.0753211

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.873346	.6528114	1.253929	28.29199	.6797692	.3741377
Stddev	.055408	.0042827	.007535	.19238	.0007287	.0006773
%RSD	.6244272	.6560360	.6009385	.6799751	.1072035	.1810185
#1	8.884797	.6543867	1.262621	28.33921	.6800174	.3744835
#2	8.813108	.6560833	1.249933	28.08040	.6789487	.3733573
#3	8.922133	.6479642	1.249234	28.45636	.6803413	.3745722

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01MSD Acquired: 1/30/2025 17:46:09 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6935202	4.202338	2.131555	F 17.11382	F 42.58224	.1328167
Stddev	.0020096	.012507	.005959	.05448	.04839	.0008088
%RSD	.2897675	.2976244	.2795504	.3183639	.1136450	.6089316
#1	.6953253	4.215425	2.128192	17.13766	42.54763	.1336816
#2	.6913548	4.201082	2.128038	17.05148	42.56155	.1320792
#3	.6938805	4.190506	2.138435	17.15233	42.63754	.1326893

Elem	Sr4077
Units	ppm
Avg	8.858225
Stddev	.084851
%RSD	.9578748
#1	8.891264
#2	8.921586
#3	8.761824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.881	52964.25	10862.14	1784.497	3308.248
Stddev	2.313	244.79	72.65	13.098	4.924
%RSD	.0873164	.4621827	.6688736	.7339859	.1488258
#1	2647.017	52714.12	10800.14	1769.841	3304.232
#2	2651.469	53203.33	10844.20	1795.059	3313.741
#3	2648.158	52975.30	10942.08	1788.590	3306.770

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01A Acquired: 1/30/2025 17:50:24 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.9204239	1.906413	1.098345	1.777197	.3435168	127.6427
Stddev	.0076309	.004169	.003742	.012275	.0001451	2.3960
%RSD	.8290588	.2187008	.3406915	.6906691	.0422352	1.877078
#1	.9136722	1.901782	1.094336	1.771758	.3436024	124.8980
#2	.9188966	1.907587	1.098952	1.768582	.3433492	129.3163
#3	.9287029	1.909870	1.101746	1.791251	.3435986	128.7137

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8151195	.1815881	.1938842	1064.072	.9463850	.2674713
Stddev	.0184098	.0030117	.0009430	17.407	.0014038	.0014135
%RSD	2.258536	1.658511	.4863751	1.635877	.1483283	.5284780
#1	.7945981	.1781177	.1931707	1044.091	.9465213	.2663811
#2	.8301838	.1835166	.1935287	1072.168	.9449180	.2669645
#3	.8205765	.1831300	.1949533	1075.956	.9477156	.2690684

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4179537	390.1217	2.636848	46.46495	.6110885	.0735003
Stddev	.0018966	2.8012	.054951	.91635	.0014494	.0007818
%RSD	.4537877	.7180362	2.083967	1.972134	.2371835	1.063676
#1	.4185619	387.2012	2.575343	45.41845	.6104953	.0727490
#2	.4158276	392.7860	2.681108	47.12357	.6100298	.0743094
#3	.4194716	390.3779	2.654092	46.85284	.6127404	.0734426

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.656594	.6333707	1.249825	27.52929	.6704530	.3729376
Stddev	.017475	.0121916	.001686	.18203	.0080638	.0012729
%RSD	.2018707	1.924873	.1348702	.6612129	1.202743	.3413313
#1	8.636427	.6192933	1.248044	27.35369	.6615325	.3716852
#2	8.667274	.6403402	1.250037	27.71713	.6772248	.3728975
#3	8.666080	.6404785	1.251395	27.51706	.6726018	.3742302

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1221-01A Acquired: 1/30/2025 17:50:24 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6901177	4.060807	2.583085	F 17.03407	F 41.94514	.1274362
Stddev	.0014900	.080943	.012163	.07433	.19186	.0033379
%RSD	.2159104	1.993265	.4708883	.4363543	.4573959	2.619297
#1	.6884579	3.968493	2.577117	16.97081	41.74472	.1242326
#2	.6905553	4.119624	2.597079	17.01548	41.96359	.1308939
#3	.6913400	4.094303	2.575057	17.11594	42.12710	.1271821

Elem	Sr4077
Units	ppm
Avg	8.671692
Stddev	.199269
%RSD	2.297922
#1	8.447143
#2	8.827454
#3	8.740480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.022	52636.14	10914.49	1783.402	3317.245
Stddev	10.278	61.66	162.67	2.926	12.986
%RSD	.3879901	.1171453	1.490377	.1640797	.3914546
#1	2657.865	52580.54	11101.65	1784.476	3329.105
#2	2651.455	52702.46	10807.16	1785.640	3319.259
#3	2637.746	52625.42	10834.67	1780.091	3303.369

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1215-03 Acquired: 1/30/2025 17:54:39 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0969249	-.003916	3.102953	-.019253	.0181134	48.79927	.8819579
Stddev	.0034024	.001526	.006612	.002942	.0013096	.09724	.0049530
%RSD	3.510293	38.95877	.2130809	15.28336	7.230093	.1992644	.5615902
#1	.0944095	-.003036	3.102555	-.019238	.0168922	48.80882	.8791190
#2	.1007961	-.005678	3.096550	-.022202	.0194964	48.69761	.8790776
#3	.0955690	-.003035	3.109755	-.016317	.0179514	48.89138	.8876771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054922	-.003417	64.53496	.1568340	.0770125	1.542249	162.6285
Stddev	.0000603	.000217	.23072	.0009817	.0001821	.003876	1.2498
%RSD	1.098299	6.347160	.3575064	.6259537	.2363839	.2513192	.7685142
#1	.0054253	-.003611	64.37100	.1578749	.0768100	1.538332	163.6930
#2	.0055089	-.003183	64.43510	.1567022	.0770652	1.542333	161.2523
#3	.0055423	-.003457	64.79879	.1559248	.0771624	1.546083	162.9401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.605644	33.09868	.2482657	.0034755	35.04966	.2054295	1.262105
Stddev	.014575	.12058	.0008341	.0001976	.30663	.0011314	.005081
%RSD	.5593479	.3643172	.3359869	5.684597	.8748507	.5507662	.4026140
#1	2.593392	33.03792	.2481426	.0033261	35.37695	.2045522	1.262397
#2	2.601777	33.02056	.2474999	.0034009	34.76903	.2050299	1.256884
#3	2.621762	33.23755	.2491545	.0036995	35.00299	.2067066	1.267034

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.41334	.1411248	.0103993	.1170986	2.985493	9.790413	6.388540
Stddev	.06961	.0024769	.0001346	.0006193	.034253	.134274	.003631
%RSD	.5189729	1.755144	1.294259	.5288583	1.147315	1.371485	.0568364
#1	13.48647	.1425495	.0104131	.1177608	2.959386	9.910903	6.386087
#2	13.34788	.1382647	.0102583	.1165338	2.972815	9.814674	6.386821
#3	13.40567	.1425603	.0105264	.1170010	3.024278	9.645663	6.392711

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1215-03 Acquired: 1/30/2025 17:54:39 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.892849	.0822223	.2822592
Stddev	.009060	.0005021	.0016636
%RSD	.1851617	.6106407	.5893861
#1	4.886914	.0821293	.2805643
#2	4.888356	.0827644	.2823237
#3	4.903277	.0817732	.2838896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.440	56914.61	11305.99	1935.449	4021.264
Stddev	7.830	234.93	59.51	2.636	12.007
%RSD	.2653937	.4127690	.5263145	.1361869	.2985883
#1	2957.939	56697.77	11372.31	1932.631	4032.677
#2	2951.066	57164.19	11288.40	1937.854	4022.375
#3	2942.316	56881.87	11257.26	1935.861	4008.740

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1215-07 Acquired: 1/30/2025 17:58:43 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0827841	-.004572	2.317408	-.029303	.0198490	52.16587
Stddev	.0028199	.002388	.002614	.003128	.0013139	.10138
%RSD	3.406381	52.22687	.1128008	10.67404	6.619316	.1943389
#1	.0795789	-.007192	2.315931	-.031612	.0198777	52.17930
#2	.0838894	-.004006	2.315866	-.030554	.0211483	52.05845
#3	.0848839	-.002518	2.320426	-.025743	.0185210	52.25986

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7181877	.0055263	.0005421	312.6469	.1698987	.0657937
Stddev	.0015339	.0000774	.0001234	4.1430	.0003510	.0001283
%RSD	.2135745	1.400971	22.76763	1.325139	.2065854	.1949515
#1	.7171051	.0055186	.0006627	317.3782	.1702692	.0658793
#2	.7175149	.0054531	.0004160	310.8941	.1698558	.0656462
#3	.7199430	.0056073	.0005476	309.6684	.1695711	.0658556

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8919877	152.6611	1.883431	100.7868	.1824132	.0011302
Stddev	.0014979	.6426	.007572	.2938	.0004920	.0004706
%RSD	.1679326	.4209060	.4020167	.2914949	.2697433	41.63833
#1	.8918993	151.9197	1.887232	101.0502	.1818818	.0016319
#2	.8905359	153.0575	1.874712	100.4700	.1825049	.0010600
#3	.8935279	153.0061	1.888349	100.8404	.1828530	.0006986

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.81628	.1933770	1.419988	12.64825	.1959217	.0119491
Stddev	.18860	.0018169	.003605	.10704	.0004973	.0001779
%RSD	.5747069	.9395531	.2538542	.8462936	.2538180	1.488745
#1	32.61179	.1914853	1.420324	12.52593	.1953523	.0118014
#2	32.98338	.1951085	1.416228	12.72479	.1961420	.0121466
#3	32.85366	.1935371	1.423414	12.69403	.1962707	.0118994

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1215-07 Acquired: 1/30/2025 17:58:43 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0940471	2.683534	F 12.04497	6.370303	F 10.75290	.0225527
Stddev	.0014545	.010393	.04624	.019706	.06305	.0014801
%RSD	1.546566	.3872818	.3839253	.3093425	.5863471	6.562763
#1	.0925116	2.686629	11.99361	6.362246	10.72877	.0209590
#2	.0954042	2.671945	12.08329	6.355903	10.70548	.0228152
#3	.0942255	2.692028	12.05802	6.392761	10.82445	.0238840

Elem	Sr4077
Units	ppm
Avg	.9817447
Stddev	.0128299
%RSD	1.306843
#1	.9866699
#2	.9913822
#3	.9671821

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.139	54539.96	10993.38	1845.603	3617.141
Stddev	5.777	71.36	89.40	9.512	6.996
%RSD	.2087884	.1308445	.8131907	.5153895	.1934056
#1	2773.745	54465.83	10904.95	1843.002	3623.931
#2	2763.027	54608.19	11083.72	1856.145	3617.536
#3	2764.646	54545.86	10991.48	1837.662	3609.956

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04 Acquired: 1/30/2025 18:03:03 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1120298	.0091451	.2042064	-.064658	-.004148	147.3497
Stddev	.0054671	.0019739	.0024538	.000720	.000547	1.1857
%RSD	4.880061	21.58422	1.201636	1.113908	13.19921	.8047086
#1	.1063960	.0097654	.2070035	-.065083	-.003546	147.8619
#2	.1173134	.0069356	.2024162	-.065064	-.004617	145.9939
#3	.1123799	.0107344	.2031995	-.063826	-.004281	148.1932

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4027554	.0127257	.0057119	21.77281	.3445554	.1808580
Stddev	.0039654	.0000896	.0006138	.08725	.0021931	.0005483
%RSD	.9845578	.7038982	10.74665	.4007360	.6365022	.3031377
#1	.4063584	.0127783	.0064067	21.79909	.3422002	.1812936
#2	.3985069	.0126222	.0054860	21.67544	.3449271	.1802424
#3	.4034008	.0127764	.0052430	21.84390	.3465389	.1810379

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2274308	386.0901	4.701725	71.12511	.3740381	.0020793
Stddev	.0025983	2.9853	.025724	.61906	.0012937	.0007628
%RSD	1.142444	.7732195	.5471179	.8703831	.3458723	36.68315
#1	.2304056	383.2380	4.721394	71.14992	.3750935	.0012769
#2	.2256058	385.8394	4.672614	70.49401	.3725948	.0021660
#3	.2262811	389.1928	4.711166	71.73139	.3744258	.0027950

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.38182	.3732514	.8821294	28.23066	.3012516	.0015647
Stddev	.06576	.0038420	.0029497	.14068	.0032323	.0003403
%RSD	.4914052	1.029335	.3343853	.4983383	1.072947	21.75096
#1	13.39358	.3750028	.8799462	28.23444	.2976565	.0018743
#2	13.31097	.3688458	.8809569	28.08812	.3021811	.0012003
#3	13.44090	.3759057	.8854851	28.36941	.3039173	.0016194

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04 Acquired: 1/30/2025 18:03:03 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0050778	1.983774	3.707948	8.176255	F 159.8702	.3038586
Stddev	.0011745	.014601	.012902	.040106	.7172	.0028683
%RSD	23.13020	.7359981	.3479462	.4905138	.4485886	.9439573
#1	.0037231	1.992904	3.697442	8.200831	160.4297	.3061771
#2	.0056998	1.966935	3.704055	8.129975	159.0617	.3006510
#3	.0058105	1.991483	3.722348	8.197961	160.1192	.3047476

Elem	Sr4077
Units	ppm
Avg	-.126765
Stddev	.003952
%RSD	3.117573
#1	-.122228
#2	-.128618
#3	-.129451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.960	67634.38	13791.69	2283.816	3832.070
Stddev	12.054	450.42	95.60	11.955	18.035
%RSD	.3483765	.6659673	.6931783	.5234462	.4706305
#1	3448.358	68014.51	13795.32	2293.022	3815.961
#2	3472.420	67751.75	13885.42	2288.121	3851.554
#3	3459.104	67136.90	13694.32	2270.305	3828.697

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04DUP Acquired: 1/30/2025 18:07:14 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.1139715	.0097922	.2135349	-.072096	-.002782	147.8952
Stddev	.0027652	.0012378	.0039183	.004840	.001105	.1128
%RSD	2.426192	12.64021	1.834972	6.712658	39.71576	.0762826
#1	.1156578	.0108266	.2127683	-.067532	-.002351	147.8471
#2	.1107803	.0084209	.2100565	-.071586	-.001958	147.8144
#3	.1154765	.0101293	.2177798	-.077170	-.004038	148.0241

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3980009	.0130000	.0096481	21.90251	.3431076	.1873983
Stddev	.0014443	.0000723	.0030329	.03290	.0056969	.0056240
%RSD	.3628912	.5565174	31.43540	.1502252	1.660385	3.001081
#1	.3996090	.0130177	.0069400	21.93021	.3485624	.1845448
#2	.3975794	.0129205	.0090792	21.86614	.3435643	.1837731
#3	.3968141	.0130619	.0129253	21.91119	.3371961	.1938770

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2498984	378.1225	4.665241	71.34666	.3874078	.0001292
Stddev	.0168088	6.4525	.009974	.11046	.0118547	.0004010
%RSD	6.726251	1.706452	.2137859	.1548235	3.060013	310.3117
#1	.2361715	385.5710	4.675479	71.25116	.3811518	.0004204
#2	.2448785	374.2426	4.664690	71.32118	.3799915	-.000328
#3	.2686453	374.5539	4.655555	71.46763	.4010800	.000295

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.99509	.3716974	.8771459	27.35479	.2894982	.0020261
Stddev	.14316	.0013314	.0124624	.37264	.0081735	.0003467
%RSD	1.101674	.3581937	1.420790	1.362253	2.823323	17.10944
#1	13.13870	.3701663	.8881615	27.68101	.2989322	.0023051
#2	12.99419	.3723421	.8796572	27.43466	.2850151	.0016380
#3	12.85237	.3725837	.8636191	26.94869	.2845472	.0021352

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04DUP Acquired: 1/30/2025 18:07:14 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0036485	1.973869	3.596463	8.434143	F 165.4299	.2972193
Stddev	.0007952	.006653	.034926	.225136	4.8460	.0003876
%RSD	21.79454	.3370524	.9711090	2.669342	2.929326	.1304165
#1	.0027626	1.980944	3.620189	8.320672	162.8324	.2974714
#2	.0043004	1.972924	3.612843	8.288321	162.4364	.2974135
#3	.0038825	1.967739	3.556358	8.693436	171.0209	.2967729

Elem	Sr4077
Units	ppm
Avg	-.120762
Stddev	.005702
%RSD	4.721771
#1	-.127335
#2	-.117141
#3	-.117811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.328	68293.95	13598.49	2310.641	3726.305
Stddev	65.255	895.71	21.40	36.635	94.894
%RSD	1.924735	1.311557	.1573712	1.585477	2.546591
#1	3427.175	67432.32	13574.52	2275.070	3775.207
#2	3428.824	68229.28	13605.28	2308.598	3786.774
#3	3314.984	69220.24	13615.67	2348.254	3616.935

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV07 Acquired: 1/30/2025 18:11:26 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.969853	5.064713	4.881731	4.995308	5.063850	9.881901	9.618177
Stddev	.019742	.019850	.029222	.015077	.019433	.082021	.161413
%RSD	.3972377	.3919189	.5985984	.3018234	.3837629	.8300148	1.678209
#1	4.947112	5.064081	4.848179	4.983831	5.044627	9.901035	9.539761
#2	4.982597	5.045188	4.895404	4.989709	5.063437	9.792003	9.510952
#3	4.979850	5.084872	4.901609	5.012383	5.083487	9.952663	9.803817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2367747	2.438308	24.08060	1.019430	2.445959	1.251137	5.050154
Stddev	.0021823	.013597	.13234	.005003	.012462	.006003	.030629
%RSD	.9216933	.5576391	.5495599	.4907939	.5094879	.4798345	.6065046
#1	.2358626	2.422622	24.07986	1.025025	2.431571	1.244733	5.085513
#2	.2351963	2.446724	23.94863	1.017881	2.453002	1.252041	5.033155
#3	.2392651	2.445578	24.21330	1.015385	2.453305	1.256637	5.031794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.355899	24.09128	2.445676	1.265707	26.31511	2.450092	2.516967
Stddev	.012013	.22097	.012713	.002896	.10863	.018738	.006117
%RSD	.5099071	.9172228	.5198043	.2288189	.4128120	.7648027	.2430202
#1	2.357796	24.09541	2.431003	1.269008	26.43724	2.456128	2.523476
#2	2.343051	23.86828	2.453375	1.263594	26.27884	2.429079	2.511338
#3	2.366851	24.31016	2.452651	1.264519	26.22927	2.465068	2.516086

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.71432	4.688549	5.084296	4.921872	4.827081	5.335618	4.818099
Stddev	.05746	.041288	.023930	.023496	.031241	.007661	.022436
%RSD	.2234715	.8806137	.4706556	.4773743	.6472018	.1435913	.4656638
#1	25.76338	4.666633	5.058305	4.894748	4.821342	5.344440	4.792863
#2	25.72847	4.662841	5.089172	4.934941	4.799108	5.330631	4.825642
#3	25.65110	4.736174	5.105413	4.935927	4.860794	5.331784	4.835792

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV07 Acquired: 1/30/2025 18:11:26 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	4.799885	4.807719	4.808210
Stddev	.020719	.030847	.062204
%RSD	.4316646	.6416102	1.293696
#1	4.777934	4.805130	4.771414
#2	4.802618	4.778248	4.773186
#3	4.819102	4.839778	4.880029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.615	54426.87	10163.26	1846.436	4082.905
Stddev	13.503	261.79	69.90	6.446	20.049
%RSD	.4780448	.4809959	.6877996	.3491090	.4910557
#1	2838.133	54127.69	10162.79	1839.000	4105.868
#2	2824.585	54539.00	10233.40	1850.438	4073.975
#3	2811.127	54613.92	10093.60	1849.870	4068.873

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB07 Acquired: 1/30/2025 18:15:38 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000846	-.001118	-.000580	-.000678	-.002866	-.013971	-.002946
Stddev	.001502	.000265	.000248	.000357	.001563	.003211	.000626
%RSD	177.5311	23.67988	42.78385	52.68089	54.55171	22.98514	21.26441
#1	.000371	-.001266	-.000470	-.001038	-.004199	-.016717	-.003362
#2	-.000384	-.001276	-.000406	-.000671	-.003253	-.010440	-.003250
#3	-.002525	-.000813	-.000864	-.000324	-.001145	-.014755	-.002225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000301	-.014078	-.000126	-.000207	-.000007	-.011951
Stddev	.000014	.000047	.007970	.000039	.000031	.000102	.002571
%RSD	117.4450	15.67867	56.60886	31.10012	14.80056	1531.325	21.51619
#1	-.000004	-.000294	-.021402	-.000116	-.000242	-.000087	-.009559
#2	-.000004	-.000258	-.015242	-.000093	-.000186	.000108	-.014670
#3	-.000028	-.000351	-.005591	-.000169	-.000192	-.000041	-.011623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000910	-.002995	-.000190	-.000219	.0261342	-.003292	-.002950
Stddev	.000327	.006449	.000198	.000423	.0018363	.000761	.000207
%RSD	35.95301	215.3212	104.3632	193.0489	7.026221	23.11853	7.029493
#1	-.001184	-.001436	-.000391	-.000676	.0244129	-.003543	-.002961
#2	-.000999	-.010081	-.000185	-.000139	.0280671	-.003895	-.003151
#3	-.000548	.002532	.000006	.000158	.0259227	-.002437	-.002737

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083223	.0017146	-.000069	-.000513	.0004903	-.010292	.0036686
Stddev	.0104008	.0001206	.000052	.000298	.0001443	.004798	.0024976
%RSD	9.601666	7.035449	74.60858	58.17318	29.42226	46.62498	68.08070
#1	.1029993	.0015916	-.000097	-.000719	.0006279	-.004832	.0032254
#2	.1203072	.0018328	-.000101	-.000171	.0003402	-.012201	.0063582
#3	.1016605	.0017195	-.000010	-.000648	.0005028	-.013841	.0014223

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB07 Acquired: 1/30/2025 18:15:38 Type: Unk
Method: NON EPA-6010-200.7(v2645) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003196	-.005531	-.000379
Stddev	.000454	.001202	.000037
%RSD	14.20749	21.73814	9.835194
#1	-.002680	-.006424	-.000387
#2	-.003534	-.006005	-.000338
#3	-.003375	-.004164	-.000411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.538	57976.62	10928.41	1986.565	4352.676
Stddev	28.293	179.74	17.73	8.952	42.647
%RSD	.9821973	.3100245	.1621991	.4506509	.9797930
#1	2857.596	57811.89	10935.70	1978.508	4319.527
#2	2871.867	57949.66	10941.32	1984.984	4337.713
#3	2912.152	58168.32	10908.20	1996.202	4400.789

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04LX5 Acquired: 1/30/2025 18:19:59 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.0271350	.0016469	.0425108	-.015703	-.002335	35.40905
Stddev	.0007885	.0005476	.0007675	.000859	.000734	.07597
%RSD	2.905787	33.25014	1.805307	5.469363	31.43101	.2145403
#1	.0280453	.0015590	.0416507	-.015608	-.002374	35.48922
#2	.0266954	.0022331	.0427559	-.014895	-.003048	35.39979
#3	.0266644	.0011485	.0431257	-.016605	-.001582	35.33813

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965711	.0033927	-.002556	5.413062	.0845022	.0361895
Stddev	.0011093	.0001242	.000055	.032749	.0002900	.0001043
%RSD	1.148654	3.661695	2.135777	.6049968	.3432140	.2881436
#1	.0976844	.0034495	-.002495	5.443714	.0846410	.0362310
#2	.0965631	.0034783	-.002599	5.416914	.0841689	.0362667
#3	.0954659	.0032502	-.002575	5.378557	.0846968	.0360709

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622711	93.52894	1.168770	17.51879	.0763967	.0003068
Stddev	.0006294	.33994	.006702	.06046	.0007361	.0004867
%RSD	1.010746	.3634551	.5734521	.3451252	.9635910	158.6352
#1	.0629797	93.55318	1.170872	17.56235	.0765442	.0008570
#2	.0617770	93.85611	1.174169	17.54425	.0770480	-.000068
#3	.0620565	93.17753	1.161268	17.44976	.0755980	.000131

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.068277	.0908145	.2124327	6.477172	.0731357	-.000327
Stddev	.000848	.0013226	.0010512	.018302	.0010620	.000376
%RSD	.0276515	1.456367	.4948482	.2825647	1.452128	114.9013
#1	3.068022	.0914700	.2129390	6.457960	.0726974	-.000621
#2	3.069224	.0892922	.2131349	6.494403	.0743467	-.000456
#3	3.067585	.0916813	.2112241	6.479154	.0723630	.000096

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04LX5 Acquired: 1/30/2025 18:19:59 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	-.000767	.4868284	.8447177	1.668601	F 32.94143	.0685822
Stddev	.000579	.0020710	.0040592	.009414	.17450	.0007142
%RSD	75.48437	.4254088	.4805408	.5641728	.5297334	1.041393
#1	-.001289	.4876110	.8440829	1.671361	33.07050	.0694069
#2	-.000144	.4883940	.8490569	1.676326	33.01090	.0681767
#3	-.000867	.4844801	.8410133	1.658115	32.74289	.0681631

Elem	Sr4077
Units	ppm
Avg	-.031642
Stddev	.000183
%RSD	.5789151
#1	-.031619
#2	-.031836
#3	-.031472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.279	59841.55	11508.48	2063.361	4157.158
Stddev	16.322	138.05	41.35	9.232	27.447
%RSD	.5393395	.2306981	.3592947	.4474425	.6602398
#1	3011.604	59693.21	11472.41	2059.912	4140.193
#2	3023.375	59865.18	11499.43	2056.350	4142.458
#3	3043.858	59966.26	11553.61	2073.821	4188.825

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04MS Acquired: 1/30/2025 18:24:08 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7265362	1.848524	1.113053	1.421412	.6007704	149.5240
Stddev	.0029181	.019792	.011743	.011794	.0043673	.2400
%RSD	.4016493	1.070717	1.054995	.8297653	.7269549	.1605419
#1	.7296314	1.867352	1.125204	1.431787	.6034041	149.3464
#2	.7261420	1.850328	1.112189	1.423864	.6031781	149.4286
#3	.7238352	1.827891	1.101767	1.408584	.5957292	149.7971

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5513153	.1484668	.1915451	22.53173	.6365581	.3680900
Stddev	.0003040	.0011040	.0025825	.07254	.0019075	.0035162
%RSD	.0551455	.7436209	1.348242	.3219368	.2996525	.9552548
#1	.5511236	.1476937	.1943501	22.49850	.6347634	.3717912
#2	.5516658	.1479755	.1910194	22.48175	.6385612	.3676849
#3	.5511564	.1497312	.1892660	22.61493	.6363496	.3647939

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4572408	372.1214	4.898500	73.26485	.8362904	.0580525
Stddev	.0078394	2.3128	.010805	.29571	.0093942	.0005849
%RSD	1.714506	.6215212	.2205763	.4036176	1.123322	1.007517
#1	.4659784	370.3808	4.889888	73.09285	.8460684	.0578041
#2	.4549207	374.7458	4.894989	73.09539	.8354689	.0587205
#3	.4508233	371.2375	4.910624	73.60630	.8273338	.0576327

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11611	.5905569	1.014071	34.77768	.4708561	.3126891
Stddev	.06180	.0013084	.002726	.09520	.0033629	.0019455
%RSD	.4088095	.2215479	.2688159	.2737364	.7142042	.6221705
#1	15.11558	.5890615	1.011268	34.84991	.4696918	.3145747
#2	15.17816	.5911185	1.016712	34.81332	.4746464	.3128038
#3	15.05458	.5914908	1.014232	34.66980	.4682301	.3106889

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04MS Acquired: 1/30/2025 18:24:08 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6590943	2.219224	5.020920	F 13.73620	F 155.8441	.4536914
Stddev	.0072022	.005311	.048855	.10913	1.4549	.0010348
%RSD	1.092739	.2392992	.9730341	.7944778	.9335589	.2280731
#1	.6670803	2.213216	5.033898	13.84955	157.3828	.4534271
#2	.6571111	2.221166	5.061975	13.72719	155.6584	.4528144
#3	.6530915	2.223290	4.966886	13.63185	154.4909	.4548327

Elem	Sr4077
Units	ppm
Avg	.0321111
Stddev	.0021183
%RSD	6.596792
#1	.0336361
#2	.0296924
#3	.0330049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.098	68788.54	13254.69	2318.941	3833.103
Stddev	34.366	194.66	64.91	14.207	43.090
%RSD	.9949426	.2829803	.4896954	.6126475	1.124150
#1	3425.653	68975.96	13320.75	2329.783	3794.007
#2	3444.358	68587.37	13252.32	2302.858	3825.998
#3	3492.283	68802.29	13191.00	2324.182	3879.303

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04MSD Acquired: 1/30/2025 18:28:11 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7420791	1.886808	1.133847	1.465285	.6104477	151.0277
Stddev	.0031412	.016835	.001135	.002510	.0026984	.0474
%RSD	.4232920	.8922568	.1001130	.1713272	.4420432	.0313864
#1	.7457003	1.885416	1.132551	1.467602	.6111211	150.9802
#2	.7404474	1.870712	1.134325	1.462618	.6074763	151.0278
#3	.7400896	1.904296	1.134666	1.465635	.6127457	151.0750

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5522247	.1481428	.1941547	22.72199	.6472609	.3739878
Stddev	.0020655	.0003049	.0003427	.03148	.0011255	.0006806
%RSD	.3740321	.2058028	.1764993	.1385230	.1738940	.1819779
#1	.5525460	.1484113	.1944408	22.69040	.6461835	.3740536
#2	.5541107	.1478114	.1942484	22.75335	.6471702	.3732767
#3	.5500173	.1482058	.1937749	22.72221	.6484291	.3746330

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4554509	384.2727	4.894739	73.59965	.8498867	.0602611
Stddev	.0039268	4.1905	.007035	.12687	.0010718	.0008894
%RSD	.8621874	1.090504	.1437182	.1723744	.1261071	1.475843
#1	.4598212	381.2493	4.890606	73.47063	.8508134	.0593248
#2	.4543123	382.5127	4.902861	73.60407	.8487130	.0603640
#3	.4522191	389.0562	4.890749	73.72425	.8501336	.0610945

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62229	.5925736	1.030427	35.92531	.4872064	.3156283
Stddev	.08200	.0038804	.006266	.18011	.0051643	.0012642
%RSD	.5248866	.6548407	.6081070	.5013327	1.059992	.4005486
#1	15.53422	.5951099	1.024205	35.72664	.4836141	.3165329
#2	15.63622	.5881065	1.030340	35.97141	.4848804	.3141837
#3	15.69643	.5945044	1.036736	36.07789	.4931247	.3161681

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04MSD Acquired: 1/30/2025 18:28:11 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6682772	2.274553	5.914869	F 14.02952	F 160.6762	.4534993
Stddev	.0023805	.004431	.070156	.02405	.3759	.0025130
%RSD	.3562169	.1947934	1.186088	.1714334	.2339345	.5541448
#1	.6705738	2.269466	5.834180	14.00927	160.7627	.4533166
#2	.6658208	2.276622	5.961435	14.02319	160.2647	.4560986
#3	.6684370	2.277570	5.948993	14.05610	161.0013	.4510825

Elem	Sr4077
Units	ppm
Avg	.0208408
Stddev	.0046446
%RSD	22.28620
#1	.0237834
#2	.0232526
#3	.0154864

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.907	67051.83	13298.91	2270.613	3747.838
Stddev	9.373	245.80	19.69	16.761	3.816
%RSD	.2763284	.3665811	.1480335	.7381738	.1018316
#1	3385.616	67288.26	13276.54	2287.050	3743.751
#2	3402.679	67069.61	13313.56	2271.242	3751.310
#3	3387.426	66797.63	13306.65	2253.546	3748.454

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04A Acquired: 1/30/2025 18:32:15 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.7516483	1.902008	1.142541	1.479853	.6177766	151.6097
Stddev	.0026681	.004473	.007508	.011185	.0019130	.2152
%RSD	.3549646	.2351639	.6571332	.7558008	.3096574	.1419592
#1	.7491032	1.906857	1.133889	1.467635	.6155677	151.5672
#2	.7514175	1.898044	1.146385	1.489587	.6188937	151.8430
#3	.7544244	1.901123	1.147348	1.482338	.6188683	151.4189

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5445729	.1492578	.1979660	22.84277	.6517351	.3781234
Stddev	.0007027	.0003145	.0007799	.05293	.0018844	.0023275
%RSD	.1290376	.2106738	.3939386	.2317020	.2891401	.6155354
#1	.5440766	.1496165	.1972884	22.87114	.6500492	.3755389
#2	.5453770	.1490297	.1988185	22.87547	.6513866	.3787775
#3	.5442651	.1491272	.1977912	22.78171	.6537694	.3800538

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4664627	379.6417	4.824905	73.44055	.8602329	.0593042
Stddev	.0032263	4.8167	.012360	.06821	.0061908	.0006322
%RSD	.6916435	1.268736	.2561675	.0928802	.7196625	1.066051
#1	.4670912	376.5758	4.826264	73.51760	.8534518	.0592656
#2	.4693285	377.1560	4.836530	73.41617	.8616640	.0586922
#3	.4629685	385.1934	4.811922	73.38788	.8655827	.0599549

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36545	.5890427	1.043084	35.39256	.4866306	.3181179
Stddev	.11248	.0031261	.006711	.25771	.0053088	.0018183
%RSD	.7320001	.5307018	.6433570	.7281505	1.090919	.5715699
#1	15.23726	.5916687	1.035745	35.10960	.4825190	.3160761
#2	15.44761	.5898744	1.044600	35.61382	.4847488	.3195621
#3	15.41147	.5855848	1.048907	35.45427	.4926239	.3187156

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: Q1194-04A Acquired: 1/30/2025 18:32:15 Type: Unk
Method: NON EPA-6010-200.7(v2645) 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	.6775511	2.473738	8.143230	F 14.12156	F 161.9557	.4442752
Stddev	.0045614	.009377	.030860	.04494	.5227	.0017037
%RSD	.6732241	.3790712	.3789638	.3182681	.3227602	.3834857
#1	.6727733	2.468299	8.124546	14.07179	161.4028	.4424001
#2	.6780200	2.484566	8.178849	14.13372	162.0226	.4457283
#3	.6818599	2.468350	8.126294	14.15917	162.4418	.4446971

Elem	Sr4077
Units	ppm
Avg	.0213033
Stddev	.0054741
%RSD	25.69574
#1	.0243327
#2	.0245931
#3	.0149842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.831	67094.67	13287.73	2253.955	3721.000
Stddev	7.962	306.43	30.52	19.838	13.938
%RSD	.2361474	.4567105	.2297156	.8801545	.3745801
#1	3381.025	67421.71	13252.99	2274.342	3736.386
#2	3367.231	67048.12	13310.25	2252.808	3717.396
#3	3367.237	66814.18	13299.96	2234.715	3709.217

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: LR1 Acquired: 1/30/2025 18:36:12 Type: Unk
Method: NON EPA-6010-200.7(v2646) 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	.0294915	.0926247	.0397817	-.151534	-.002624	2019.038	.0120610
Stddev	.0115909	.0058542	.0055772	.008716	.006324	12.083	.0009109
%RSD	39.30257	6.320389	14.01957	5.751550	241.0122	.5984396	7.552160
#1	.0425499	.0979459	.0442531	-.158797	-.009789	2025.622	.0128293
#2	.0255035	.0935747	.0335322	-.141870	.002177	2026.399	.0122990
#3	.0204210	.0863536	.0415598	-.153937	-.000259	2005.093	.0110548

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089117	-.020915	1835.423	.0016155	.0249667	.0910491	1076.269
Stddev	.0001670	.001404	10.204	.0005883	.0004930	.0068217	2.545
%RSD	1.874160	6.711078	.5559681	36.41236	1.974814	7.492271	.2365045
#1	.0091034	-.022353	1825.303	.0011245	.0244004	.0858082	1079.150
#2	.0088335	-.020843	1835.256	.0022675	.0251992	.0885770	1074.324
#3	.0087981	-.019549	1845.709	.0014546	.0253006	.0987622	1075.333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082550	1670.756	.0327857	.0120522	2005.570	.0550132	.1152163
Stddev	.000461	7.999	.0018187	.0002318	9.022	.0015231	.0003072
%RSD	.5582525	.4787536	5.547367	1.923512	.4498525	2.768671	.2666457
#1	-.082730	1679.991	.0322229	.0122648	1997.776	.0536748	.1154129
#2	-.082026	1666.064	.0313148	.0118051	2003.482	.0566706	.1153737
#3	-.082893	1666.211	.0348193	.0120868	2015.454	.0546941	.1148623

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1268.195	.6890932	-.009166	.0062268	-.037318	.1526858	.0794976
Stddev	14.808	.0012263	.001484	.0021188	.000122	.0111469	.0100485
%RSD	1.167618	.1779629	16.19269	34.02713	.3273676	7.300515	12.64000
#1	1283.138	.6905059	-.008476	.0061599	-.037185	.1655538	.0736430
#2	1253.526	.6884700	-.010870	.0083782	-.037345	.1465040	.0737493
#3	1267.921	.6883036	-.008153	.0041422	-.037425	.1459997	.0911004

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: LR1 Acquired: 1/30/2025 18:36:12 Type: Unk
Method: NON EPA-6010-200.7(v2646) 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	-.252005	-.295011	-1.06565
Stddev	.015576	.001975	.00258
%RSD	6.180657	.6694866	.2416915
#1	-.259367	-.292944	-1.06858
#2	-.262534	-.295210	-1.06372
#3	-.234113	-.296879	-1.06466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.484	39021.07	9023.273	1307.259	2533.980
Stddev	13.439	76.26	17.831	3.086	19.990
%RSD	.6806419	.1954357	.1976070	.2360844	.7888882
#1	1980.970	38951.87	9010.275	1305.110	2545.698
#2	1983.450	39102.83	9043.600	1310.796	2545.344
#3	1959.032	39008.52	9015.943	1305.873	2510.898

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: LR2 Acquired: 1/30/2025 18:41:09 Type: Unk
Method: NON EPA-6010-200.7(v2646) 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	.0077354	-.010669	248.2479	.0134884	-.003338	.2000908	^F *****
Stddev	.0018255	.001557	4.3920	.0025836	.000564	.0113208	-----
%RSD	23.59903	14.59382	1.769207	19.15414	16.88637	5.657847	-----
#1	.0062997	-.009155	243.1806	.0110286	-.003371	.2035453	^ -----
#2	.0071166	-.010588	250.6031	.0132564	-.002758	.2092821	^ -----
#3	.0097898	-.012266	250.9599	.0161801	-.003884	.1874453	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003010	-.006392	.2256431	.0138577	-.017963	231.0951	.0016558
Stddev	.000087	.000094	.0039474	.0001491	.000338	3.9922	.0069953
%RSD	2.878650	1.464302	1.749395	1.076243	1.882487	1.727518	422.4706
#1	-.003081	-.006303	.2301955	.0137094	-.017638	226.7864	-.003162
#2	-.002914	-.006383	.2231697	.0140077	-.017938	231.8305	-.001550
#3	-.003036	-.006489	.2235641	.0138561	-.018312	234.6685	.009680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.40589	.0033724	48.93523	.0040441	.2377651	-.015313	35.23161
Stddev	.07822	.0079131	.94066	.0004230	.0100956	.000554	.52033
%RSD	.1844581	234.6412	1.922265	10.45916	4.246036	3.619767	1.476894
#1	42.36924	.0027290	47.86421	.0044989	.2486063	-.015560	35.81977
#2	42.49571	.0115877	49.31413	.0039711	.2360555	-.014678	34.83123
#3	42.35273	-.004199	49.62736	.0036624	.2286334	-.015701	35.04383

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3109805	-.003672	-.010438	-.005373	-.039159	-.003522	3.033931
Stddev	.0073760	.000997	.000611	.000837	.000269	.005210	.060306
%RSD	2.371841	27.15086	5.854736	15.58365	.6880005	147.9143	1.987702
#1	.3045603	-.003557	-.009795	-.004504	-.038918	-.009270	2.964570
#2	.3093439	-.004722	-.011012	-.006175	-.039111	-.002187	3.063278
#3	.3190373	-.002738	-.010506	-.005441	-.039450	.000890	3.073947

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: LR2 Acquired: 1/30/2025 18:41:09 Type: Unk
Method: NON EPA-6010-200.7(v2646) 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	.0118698	-.006363	.0011047
Stddev	.0035467	.001003	.0000458
%RSD	29.87969	15.75438	4.147183
#1	.0100673	-.005654	.0011572
#2	.0095865	-.007510	.0010725
#3	.0159558	-.005926	.0010845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.479	56174.65	10793.33	1839.738	4127.363
Stddev	48.590	282.11	61.99	13.824	72.840
%RSD	1.966043	.5022081	.5743629	.7514100	1.764796
#1	2527.006	55849.15	10836.90	1826.246	4210.599
#2	2450.689	56348.71	10820.74	1853.872	4096.207
#3	2436.743	56326.07	10722.36	1839.096	4075.283

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV08 Acquired: 1/30/2025 18:45:31 Type: Unk
Method: NON EPA-6010-200.7(v2497) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.004112	5.057970	4.856098	5.034059	5.062716	9.705127	9.468333
Stddev	.012066	.024228	.004541	.017361	.012461	.029386	.030905
%RSD	.2411230	.4789971	.0935206	.3448707	.2461240	.3027883	.3263995
#1	5.010922	5.084592	4.852180	5.053528	5.075939	9.721951	9.503181
#2	5.011233	5.037214	4.861076	5.028461	5.061016	9.671195	9.457562
#3	4.990180	5.052103	4.855040	5.020188	5.051192	9.722234	9.444255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2340354	2.429962	23.64202	1.010031	2.429634	1.254588	4.943057
Stddev	.0001638	.002820	.01843	.002096	.001570	.002807	.022829
%RSD	.0699686	.1160378	.0779574	.2074971	.0646027	.2237186	.4618371
#1	.2339948	2.426885	23.66150	1.012443	2.428615	1.257801	4.969416
#2	.2342156	2.432422	23.62486	1.008996	2.431442	1.253343	4.930154
#3	.2338957	2.430579	23.63970	1.008654	2.428846	1.252618	4.929602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.310364	23.70777	2.434777	1.251768	25.57363	2.410837	2.450534
Stddev	.012682	.04941	.001542	.001840	.04265	.002828	.006473
%RSD	.5489092	.2083982	.0633177	.1469805	.1667747	.1173020	.2641587
#1	2.319893	23.67255	2.433596	1.250594	25.60656	2.412481	2.444368
#2	2.295970	23.76424	2.434215	1.250821	25.58888	2.407572	2.449959
#3	2.315229	23.68651	2.436521	1.253888	25.52545	2.412459	2.457276

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.06122	4.631368	5.038689	4.905669	4.732439	5.219033	4.859602
Stddev	.05215	.004294	.009874	.006126	.012848	.017317	.000330
%RSD	.2080982	.0927115	.1959712	.1248845	.2714881	.3318083	.0067975
#1	25.11912	4.629120	5.049096	4.905054	4.745627	5.202628	4.859270
#2	25.01793	4.628665	5.037521	4.912080	4.719961	5.237137	4.859931
#3	25.04661	4.636319	5.029451	4.899874	4.731727	5.217332	4.859604

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCV08 Acquired: 1/30/2025 18:45:31 Type: Unk
Method: NON EPA-6010-200.7(v2497) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.849396	4.643381	4.742075
Stddev	.008112	.021580	.032310
%RSD	.1672853	.4647399	.6813380
#1	4.848099	4.662929	4.704800
#2	4.842010	4.620225	4.759348
#3	4.858078	4.646991	4.762076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.737	54194.74	10114.32	1833.099	4005.685
Stddev	7.535	175.93	28.02	1.840	2.879
%RSD	.2714755	.3246166	.2770392	.1003870	.0718784
#1	2767.899	54201.58	10107.81	1830.995	4004.636
#2	2776.385	54015.50	10090.13	1834.407	4003.477
#3	2782.928	54367.15	10145.02	1833.896	4008.941

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB08 Acquired: 1/30/2025 18:51:35 Type: Unk
Method: NON EPA-6010-200.7(v2497) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000916	-.001130	-.000003	-.000322	-.002419	-.013416	-.002569
Stddev	.002600	.001450	.001064	.001676	.000291	.001830	.000266
%RSD	283.9491	128.2553	31074.25	520.3825	12.02686	13.64254	10.36503
#1	-.002634	-.002584	-.000366	.000735	-.002252	-.013717	-.002610
#2	-.002188	-.001123	.001194	-.002254	-.002755	-.015077	-.002812
#3	.002076	.000316	-.000838	.000553	-.002250	-.011454	-.002284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000235	-.000263	-.023427	-.000062	-.000278	.0000633	-.017555
Stddev	.0000302	.000044	.005226	.000273	.000160	.0001943	.001820
%RSD	128.4650	16.72757	22.30899	443.3662	57.73181	306.8908	10.36448
#1	-.000011	-.000218	-.028040	-.000245	-.000448	.0001042	-.015467
#2	.000045	-.000306	-.017751	-.000192	-.000255	.0002339	-.018797
#3	.000036	-.000266	-.024490	.000252	-.000130	-.000148	-.018402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000675	-.005974	-.000050	.0002372	.0945593	-.001790	-.003263
Stddev	.000306	.004730	.000229	.0003026	.0055433	.000909	.000144
%RSD	45.35577	79.17293	453.2984	127.5737	5.862290	50.78375	4.405633
#1	-.000402	-.002770	-.000185	-.000085	.0900337	-.002708	-.003426
#2	-.001006	-.003746	.000213	.000516	.0929019	-.001771	-.003208
#3	-.000616	-.011407	-.000179	.000280	.1007423	-.000890	-.003154

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1413407	.0035104	-.000365	-.000906	.0002592	-.002186	.0034031
Stddev	.0444130	.0001881	.000151	.000353	.0003658	.003859	.0019892
%RSD	31.42262	5.357331	41.31169	38.98646	141.1151	176.5024	58.45358
#1	.1094564	.0037261	-.000288	-.000750	.0003643	-.000722	.0031008
#2	.1224970	.0034247	-.000539	-.000658	.0005609	-.006563	.0015823
#3	.1920687	.0033805	-.000269	-.001311	-.000148	.000726	.0055262

Reviewed By:Jaswal
On:2/4/2025 1:27:49 PM
Inst Id :P4
LB :LB134493

Sample Name: CCB08 Acquired: 1/30/2025 18:51:35 Type: Unk
Method: NON EPA-6010-200.7(v2497) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005521	-.004393	-.000361
Stddev	.001871	.000877	.000003
%RSD	33.89489	19.96387	.8217766
#1	-.004299	-.003712	-.000360
#2	-.007676	-.005382	-.000360
#3	-.004589	-.004084	-.000365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.651	56075.35	10652.23	1927.212	4392.108
Stddev	14.146	341.86	72.74	9.859	19.855
%RSD	.4856706	.6096379	.6828772	.5115458	.4520560
#1	2898.981	55970.57	10576.92	1926.069	4375.510
#2	2927.229	56457.33	10722.09	1937.592	4414.103
#3	2911.742	55798.14	10657.67	1917.975	4386.710