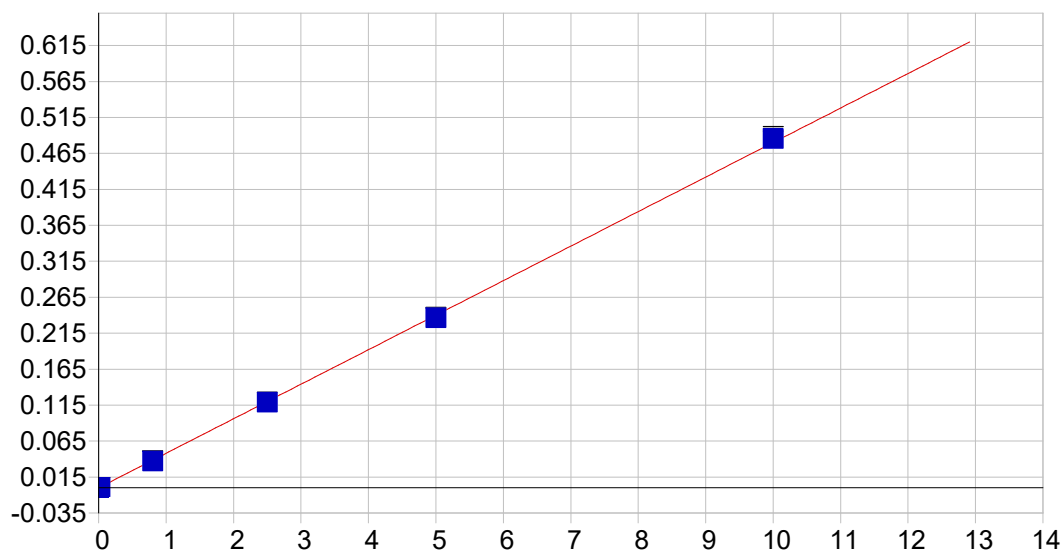


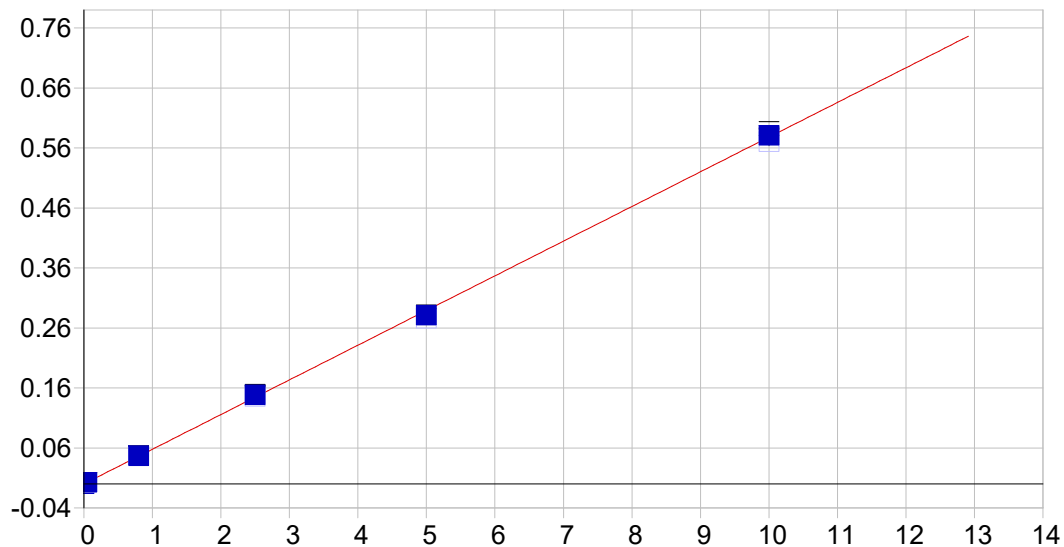


As 189.042 {479}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.048007 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003137
 Predicted MQL: 0.010456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.02000	.01929	-.001	-3.55	.00090	.000	1
S3	2.5000	2.4806	-.019	-.777	.11894	.000	1
S4	5.0000	4.9252	-.075	-1.50	.23617	.001	1
S5	10.000	10.118	.118	1.18	.48519	.003	1
S2	.80000	.77727	-.023	-2.84	.03726	.000	1

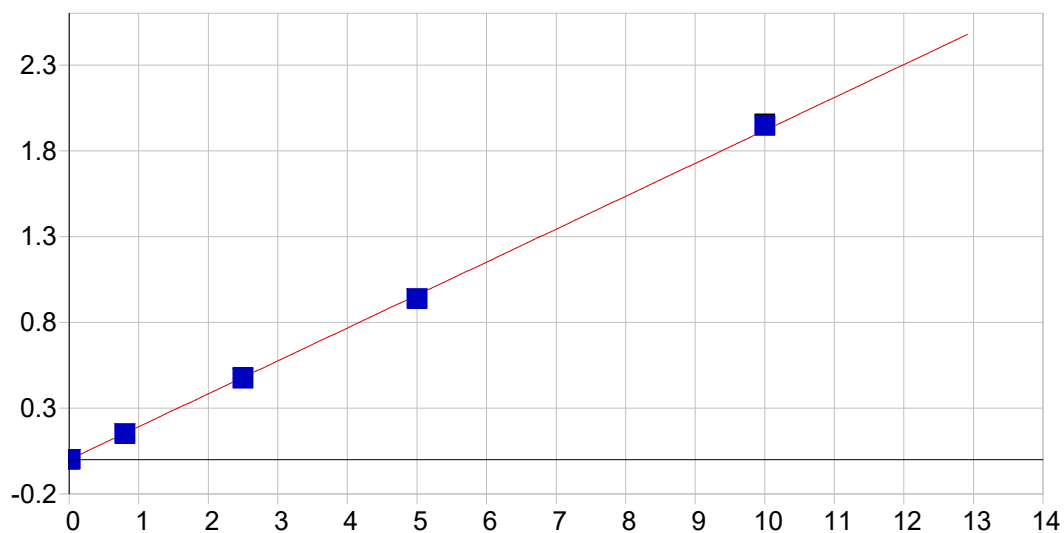


TI 190.856 {477}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.057806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002141
 Predicted MQL: 0.007138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.04000	.04158	.002	3.94	.00226	.000	1
S3	2.5000	2.5694	.069	2.78	.14587	.001	1
S4	5.0000	4.8623	-.138	-2.75	.27575	.001	1
S5	10.000	10.052	.052	.519	.57042	.006	1
S2	.80000	.81487	.015	1.86	.04626	.000	1

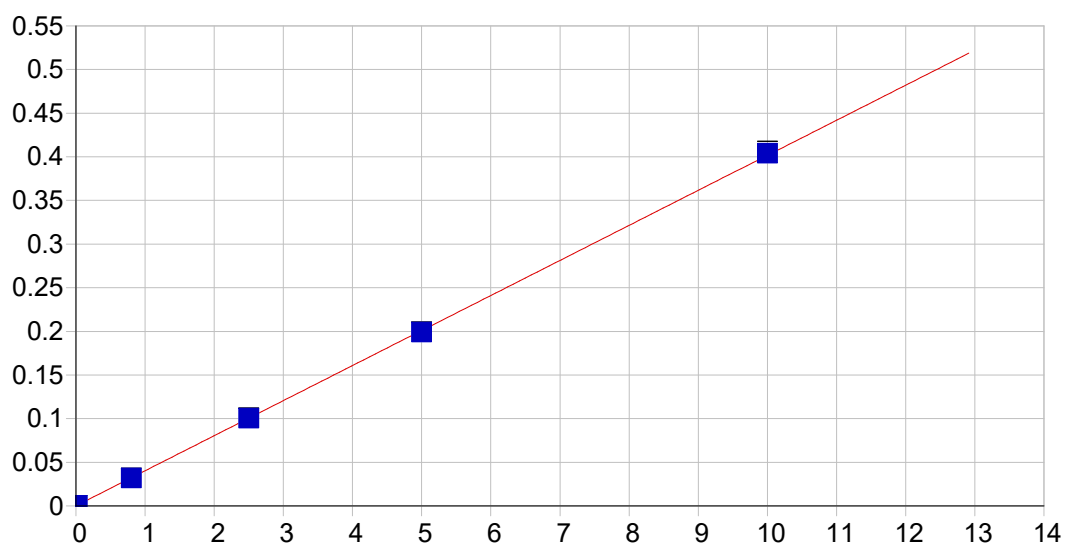


Pb 220.353 {453}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000092	Re-Slope:	1.000000
A1 (Gain):	0.191962	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.001584		
Predicted MQL:	0.005278		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01200	.01091	-.001	-9.09	.00196	.000	1
S3	2.5000	2.4720	-.028	-1.12	.47395	.003	1
S4	5.0000	4.8910	-.109	-2.18	.93781	.001	1
S5	10.000	10.151	.151	1.51	1.9465	.009	1
S2	.80000	.78726	-.013	-1.59	.15087	.001	1

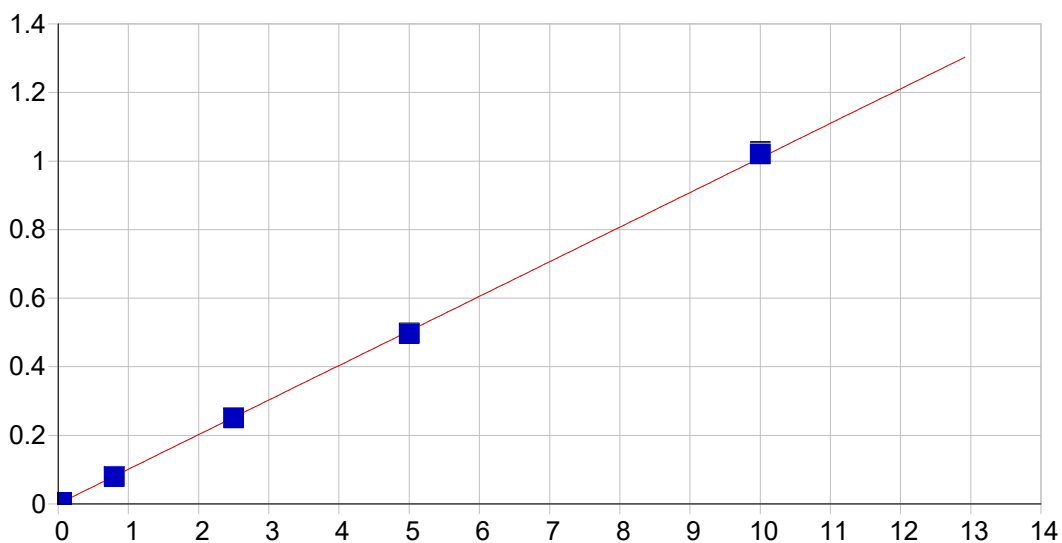


Se 196.090 {472}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.040154	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.004198		
Predicted MQL:	0.013993		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.02000	.01987	-.000	-.657	.00099	.000	1
S3	2.5000	2.4996	-.000	-.015	.10052	.000	1
S4	5.0000	4.9514	-.049	-.971	.19894	.000	1
S5	10.000	10.062	.062	.625	.40409	.002	1
S2	.80000	.78659	-.013	-1.68	.03176	.000	1

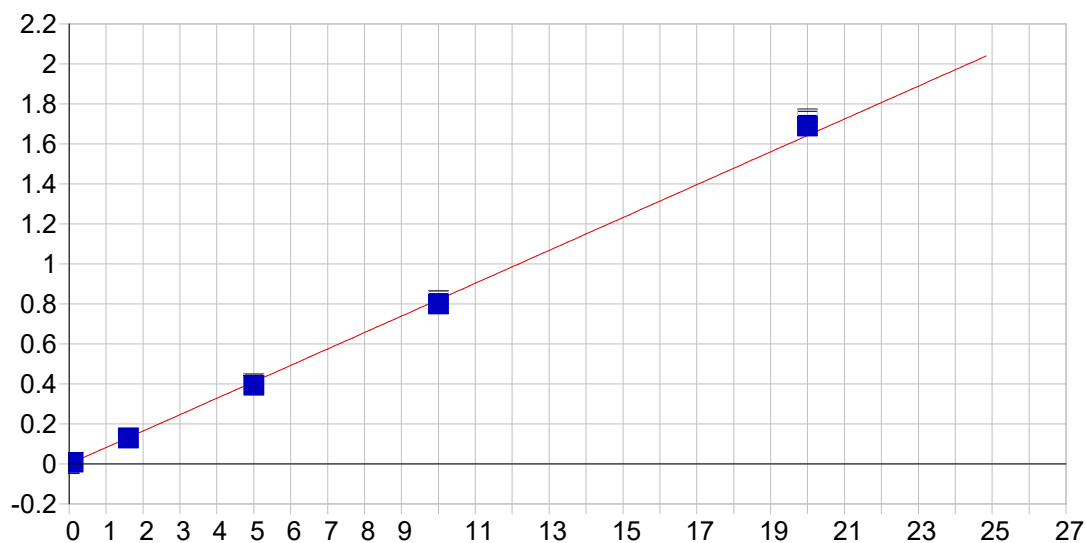


Sb 206.833 {463}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000268 Re-Slope: 1.000000
 A1 (Gain): 0.100866 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002594
 Predicted MQL: 0.008647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.05000	.05247	.002	4.94	.00557	.000	1
S3	2.5000	2.4755	-.024	-.979	.25065	.000	1
S4	5.0000	4.9190	-.081	-1.62	.49780	.001	1
S5	10.000	10.115	.115	1.15	1.0232	.004	1
S2	.80000	.78826	-.012	-1.47	.08000	.000	1

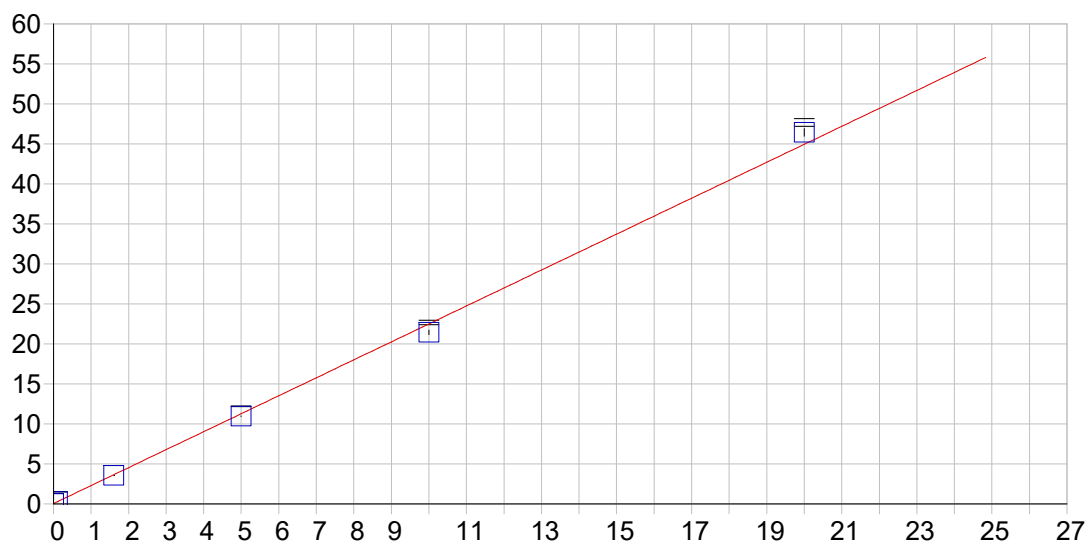


AI 396.152 { 85}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.082124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999549 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.006940
 Predicted MQL: 0.023134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00009	.000	1
S1	.10000	.09616	-.004	-3.84	.00844	.000	1
S3	5.0000	4.7714	-.229	-4.57	.39972	.002	1
S4	10.000	9.7315	-.268	-2.68	.81503	.003	1
S5	20.000	20.550	.550	2.75	1.7194	.006	1
S2	1.6000	1.5510	-.049	-3.06	.12984	.001	1

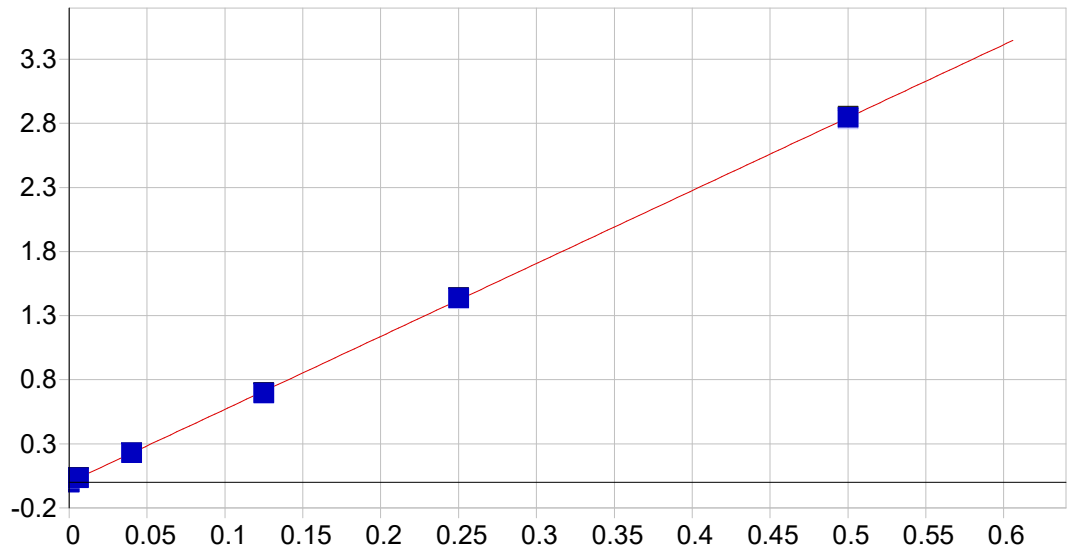


Ba 493.409 { 68}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.048153	Re-Slope:	1.000000
A1 (Gain):	2.245090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999319	Status:	OK.
Std Error of Est:	0.006147		
Predicted MDL:	0.000988		
Predicted MQL:	0.003292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.04818	.004	1
S1	.10000	.09522	-.005	-4.78	.26192	.001	1
S3	5.0000	4.8530	-.147	-2.94	10.944	.038	1
S4	10.000	9.5219	-.478	-4.78	21.426	.285	1
S5	20.000	20.663	.663	3.31	46.438	.475	1
S2	1.6000	1.5672	-.033	-2.05	3.5667	.009	1

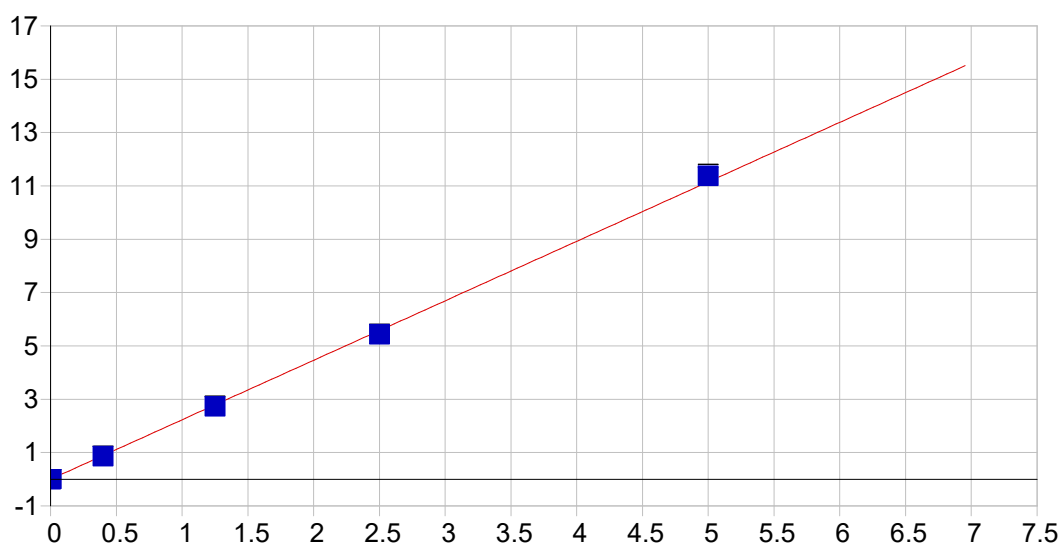


Be 234.861 {144}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000074	Re-Slope:	1.000000
A1 (Gain):	5.689821	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000164		
Predicted MDL:	0.000043		
Predicted MQL:	0.000142		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.00600	.00590	-.000	-1.62	.03326	.000	1
S3	.12500	.12221	-.003	-2.24	.69207	.004	1
S4	.25000	.25252	.003	1.01	1.4303	.005	1
S5	.50000	.50005	.000	.010	2.8324	.010	1
S2	.04000	.04032	.000	.802	.22832	.002	1

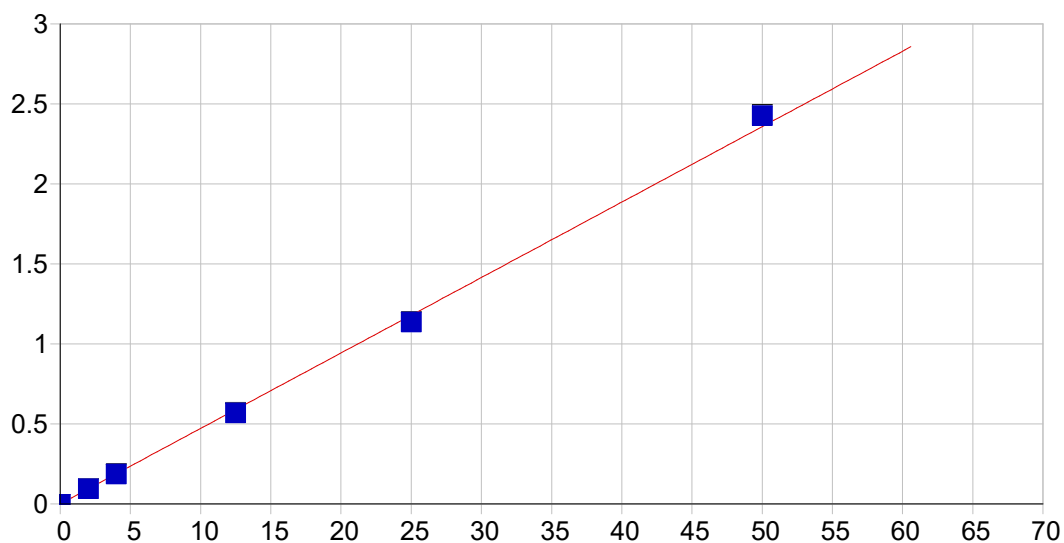


Cd 226.502 {449}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000056	Re-Slope:	1.000000
A1 (Gain):	2.230478	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999754	Status:	OK.
Std Error of Est:	0.000450		
Predicted MDL:	0.000094		
Predicted MQL:	0.000312		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.00600	.00596	-.000	-.716	.01341	.000	1
S3	1.2500	1.2245	-.025	-2.04	2.7337	.012	1
S4	2.5000	2.4366	-.063	-2.54	5.4396	.006	1
S5	5.0000	5.1009	.101	2.02	11.387	.059	1
S2	.40000	.38811	-.012	-2.97	.86651	.001	1

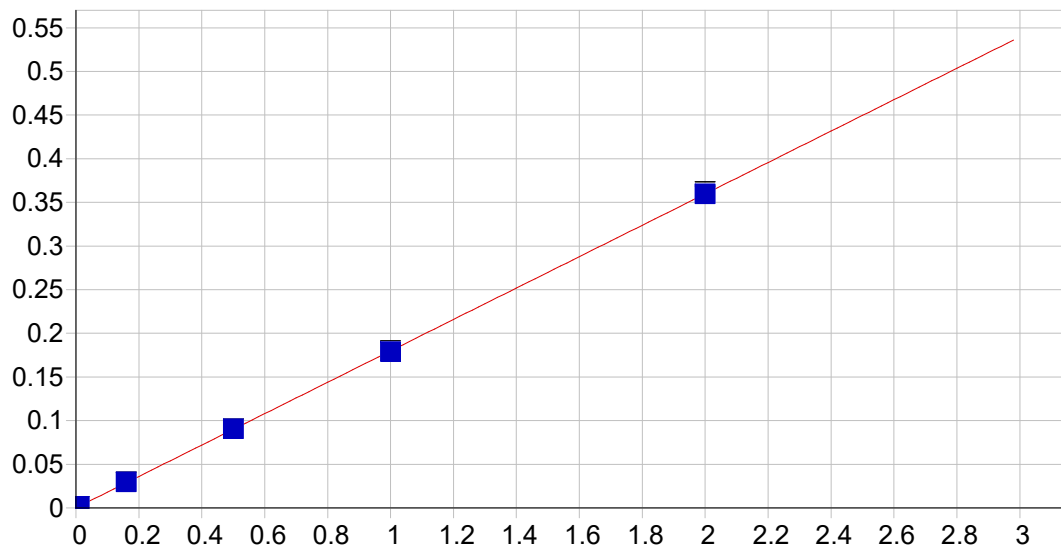


Ca 373.690 { 90}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000477 Re-Slope: 1.000000
 A1 (Gain): 0.047145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999497 Status: OK.
 Std Error of Est: 0.000791
 Predicted MDL: 0.010472
 Predicted MQL: 0.034907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00048	.000	1
S2	4.0000	3.9375	-.062	-1.56	.18611	.001	1
S3	12.500	12.055	-.445	-3.56	.56883	.003	1
S4	25.000	24.076	-.924	-3.70	1.1355	.002	1
S5	50.000	51.460	1.46	2.92	2.4266	.006	1
S1	2.0000	1.9713	-.029	-1.43	.09342	.000	1

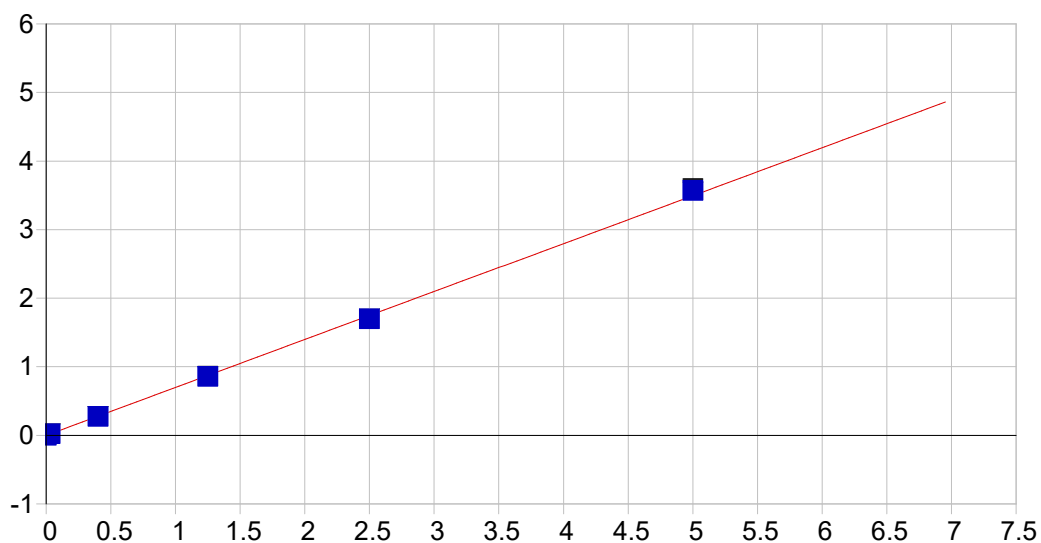


Cr 267.716 {126}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000078	Re-Slope:	1.000000
A1 (Gain):	0.179822	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.000417		
Predicted MQL:	0.001389		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.00964	-.000	-3.61	.00181	.000	1
S3	.50000	.50287	.003	.574	.09053	.000	1
S4	1.0000	.99368	-.006	-.632	.17882	.001	1
S5	2.0000	1.9998	-.000	-.008	.35980	.002	1
S2	.16000	.16396	.004	2.48	.02957	.000	1

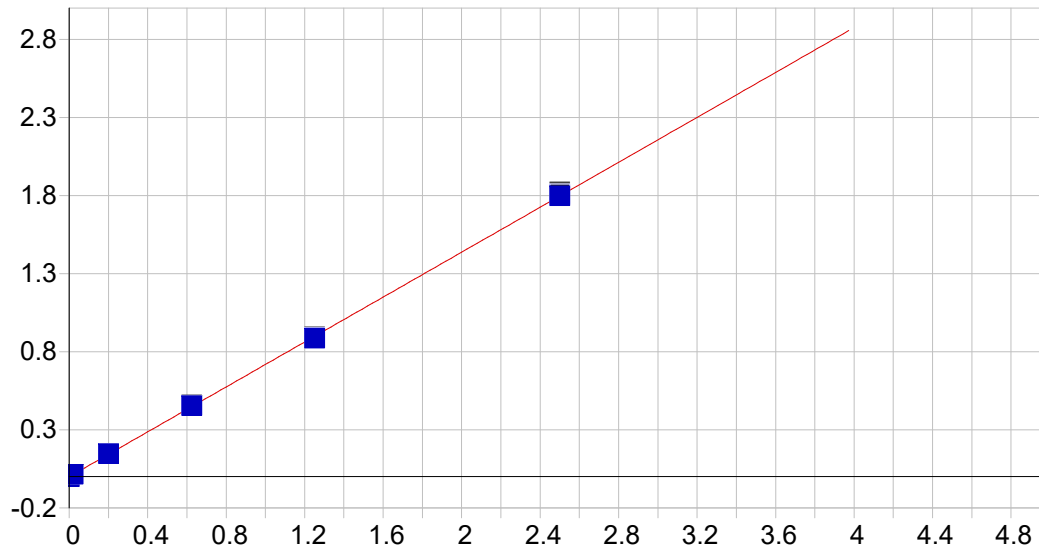


Co 228.616 {448}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000111	Re-Slope:	1.000000
A1 (Gain):	0.698932	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999739	Status:	OK.
Std Error of Est:	0.000325		
Predicted MDL:	0.000299		
Predicted MQL:	0.000996		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.03000	.02889	-.001	-3.69	.02022	.000	1
S3	1.2500	1.2256	-.024	-1.95	.85824	.002	1
S4	2.5000	2.4310	-.069	-2.76	1.7022	.001	1
S5	5.0000	5.1041	.104	2.08	3.5734	.021	1
S2	.40000	.39037	-.010	-2.41	.27343	.000	1

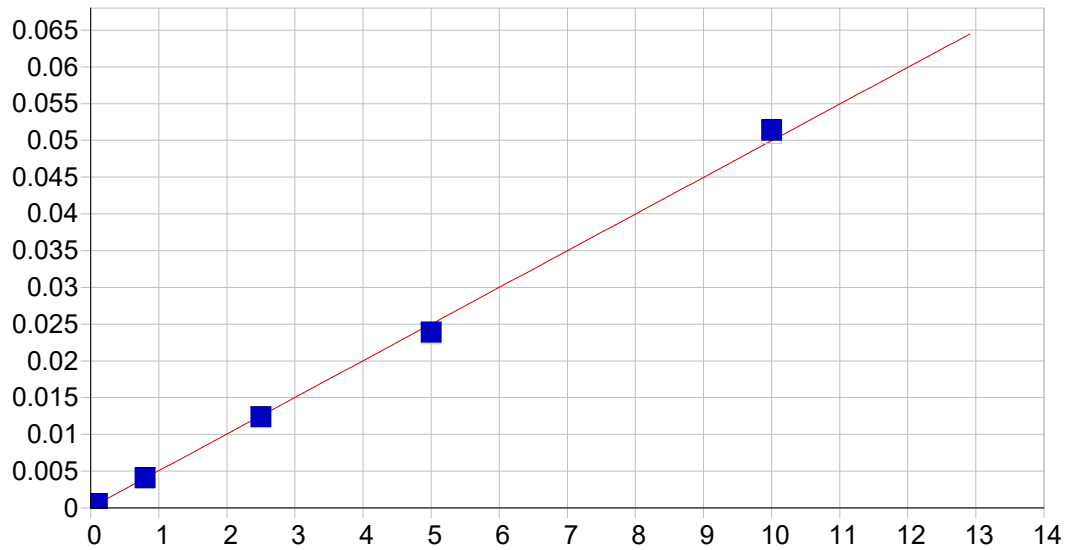


Cu 224.700 {450}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000835 Re-Slope: 1.000000
 A1 (Gain): 0.719029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.000456
 Predicted MQL: 0.001520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00084	.000	1
S1	.02000	.02253	.003	12.7	.01551	.000	1
S3	.62500	.63298	.008	1.28	.45770	.001	1
S4	1.2500	1.2335	-.016	-1.32	.89289	.002	1
S5	2.5000	2.5005	.001	.022	1.8107	.012	1
S2	.20000	.20543	.005	2.71	.14796	.000	1

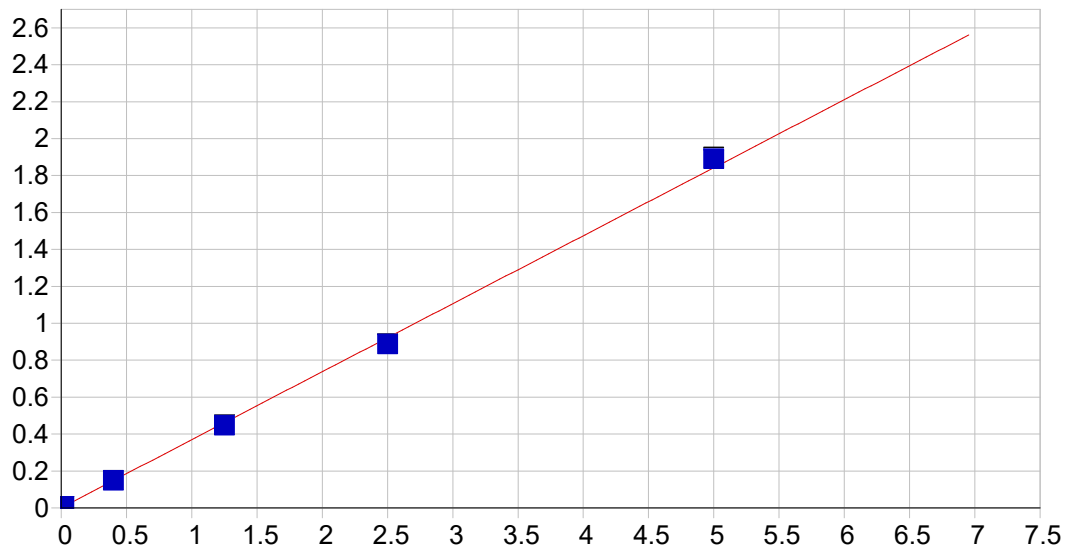


Fe 240.488 {140}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.004989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999478 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.005174
 Predicted MQL: 0.017247

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00006	.000	1
S1	.10000	.09692	-.003	-3.08	.00054	.000	1
S3	2.5000	2.4623	-.038	-1.51	.01224	.000	1
S4	5.0000	4.7676	-.232	-4.65	.02364	.000	1
S5	10.000	10.272	.272	2.72	.05088	.000	1
S2	.80000	.80081	.001	.102	.00402	.000	1

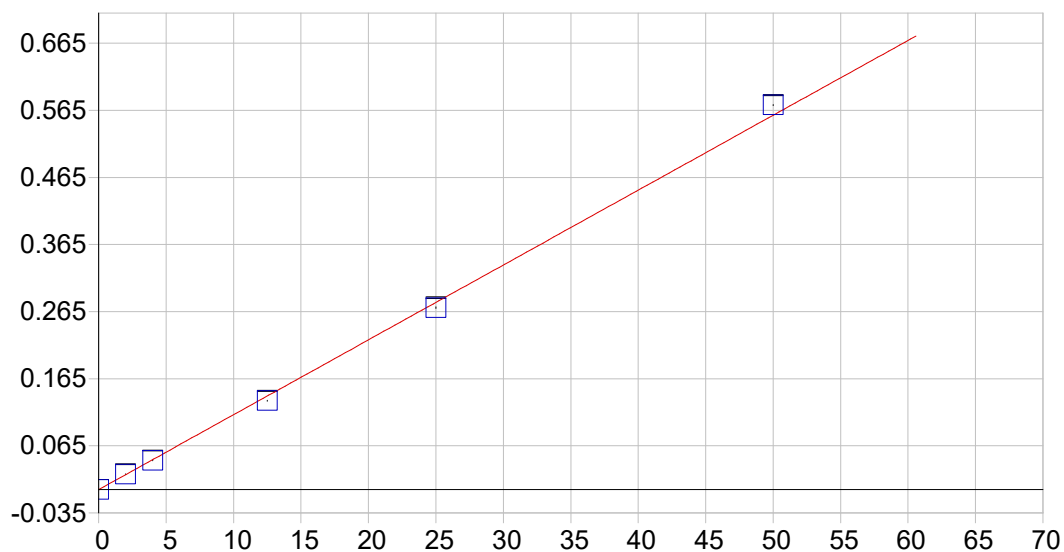


Mn 257.610 {131}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001102	Re-Slope:	1.000000
A1 (Gain):	0.368237	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999553	Status:	OK.
Std Error of Est:	0.000183		
Predicted MDL:	0.000478		
Predicted MQL:	0.001593		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00110	.000	1
S1	.02000	.02004	.000	.223	.00849	.000	1
S3	1.2500	1.2133	-.037	-2.93	.44799	.003	1
S4	2.5000	2.4047	-.095	-3.81	.88678	.002	1
S5	5.0000	5.1322	.132	2.64	1.8913	.009	1
S2	.40000	.39976	-.000	-.061	.14834	.001	1

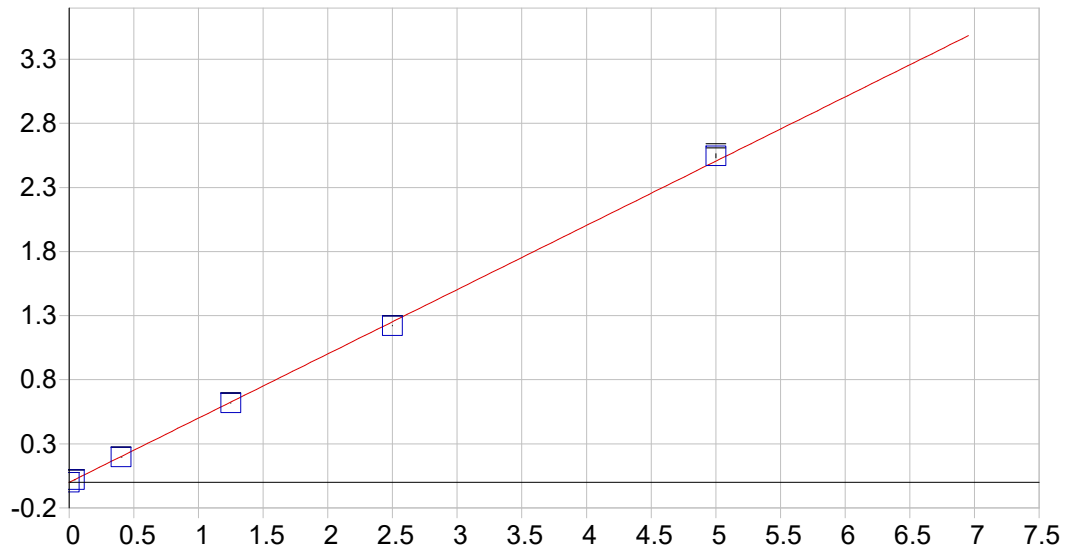


Mg 279.079 {121}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.011159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.017730
 Predicted MQL: 0.059099

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00028	.000	1
S2	4.0000	3.8994	-.101	-2.52	.04324	.001	1
S3	12.500	11.874	-.626	-5.01	.13223	.001	1
S4	25.000	24.297	-.703	-2.81	.27086	.001	1
S5	50.000	51.363	1.36	2.73	.57289	.001	1
S1	2.0000	2.0668	.067	3.34	.02279	.000	1

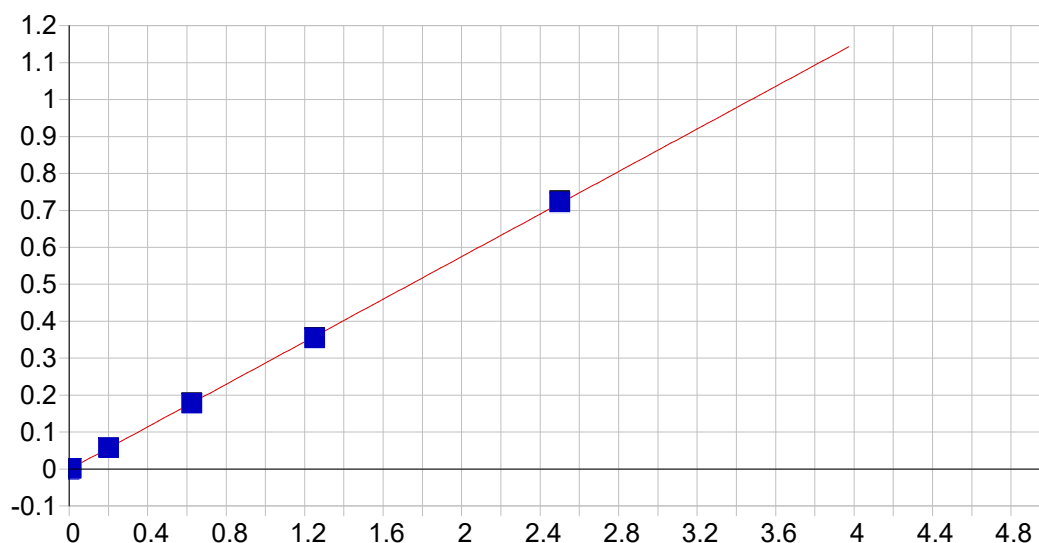


Ni 231.604 {446}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000405	Re-Slope:	1.000000
A1 (Gain):	0.501176	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999825	Status:	OK.
Std Error of Est:	0.000220		
Predicted MDL:	0.000380		
Predicted MQL:	0.001268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.04000	.03900	-.001	-2.50	.01914	.000	1
S3	1.2500	1.2348	-.015	-1.22	.61843	.003	1
S4	2.5000	2.4389	-.061	-2.44	1.2219	.001	1
S5	5.0000	5.0838	.084	1.68	2.5475	.015	1
S2	.40000	.39350	-.007	-1.63	.19681	.000	1

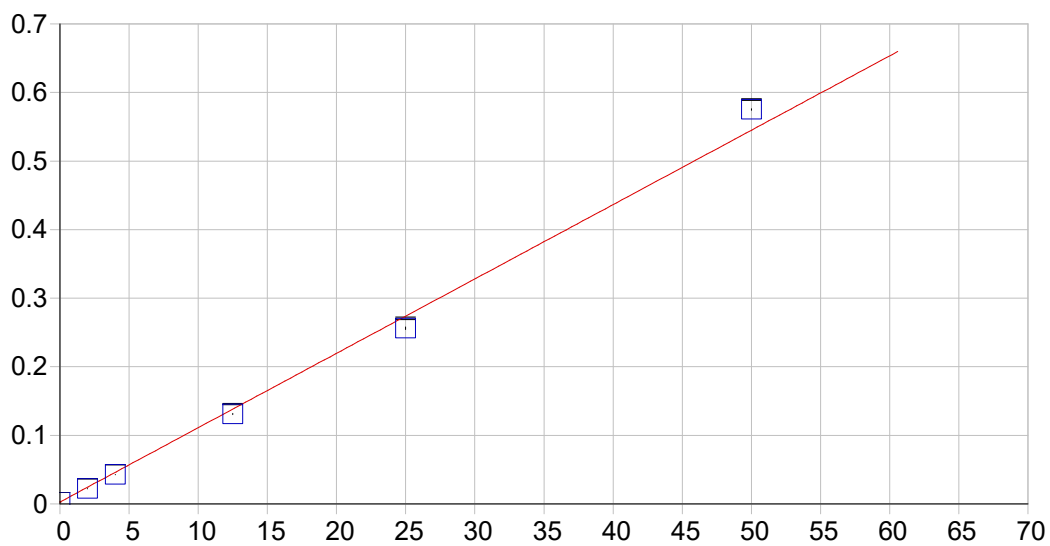


Ag 328.068 {103}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001135 Re-Slope: 1.000000
A1 (Gain): 0.288006 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999955 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.000366
Predicted MQL: 0.001219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00113	.000	1
S1	.01000	.00993	-.000	-.721	.00170	.000	1
S3	.62500	.62146	-.004	-.567	.17713	.001	1
S4	1.2500	1.2347	-.015	-1.22	.35305	.001	1
S5	2.5000	2.5138	.014	.552	.72000	.004	1
S2	.20000	.20509	.005	2.54	.05770	.000	1

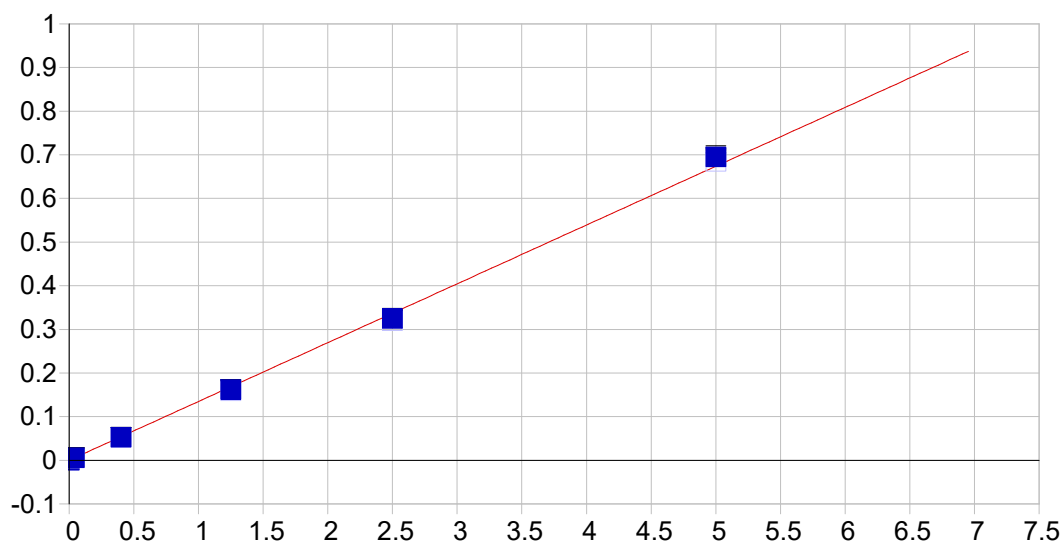


Na 589.592 { 57}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002726 Re-Slope: 1.000000
 A1 (Gain): 0.010844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998188 Status: OK.
 Std Error of Est: 0.000346
 Predicted MDL: 0.020793
 Predicted MQL: 0.069311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	.00273	.000	1
S2	4.0000	3.7013	-.299	-7.47	.04286	.000	1
S3	12.500	11.840	-.660	-5.28	.13112	.001	1
S4	25.000	23.370	-1.63	-6.52	.25615	.002	1
S5	50.000	52.790	2.79	5.58	.57519	.001	1
S1	2.0000	1.7986	-.201	-10.1	.02223	.000	1

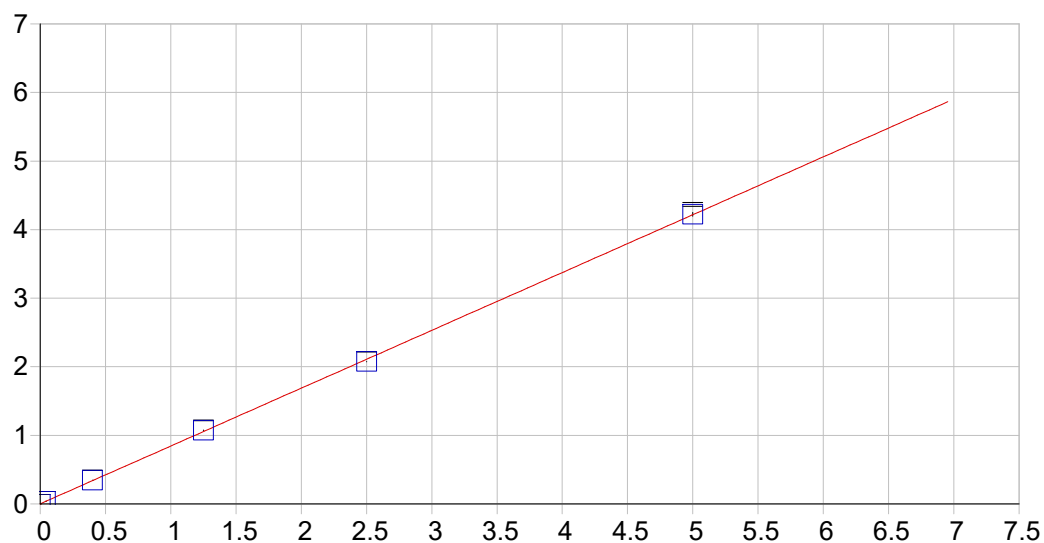


V 292.402 {115}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.134775 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999409 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.001742
 Predicted MQL: 0.005805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.04000	.03988	-.000	-.311	.00518	.000	1
S3	1.2500	1.1979	-.052	-4.17	.15900	.001	1
S4	2.5000	2.4082	-.092	-3.67	.31966	.000	1
S5	5.0000	5.1542	.154	3.08	.68483	.003	1
S2	.40000	.38985	-.010	-2.54	.05176	.000	1

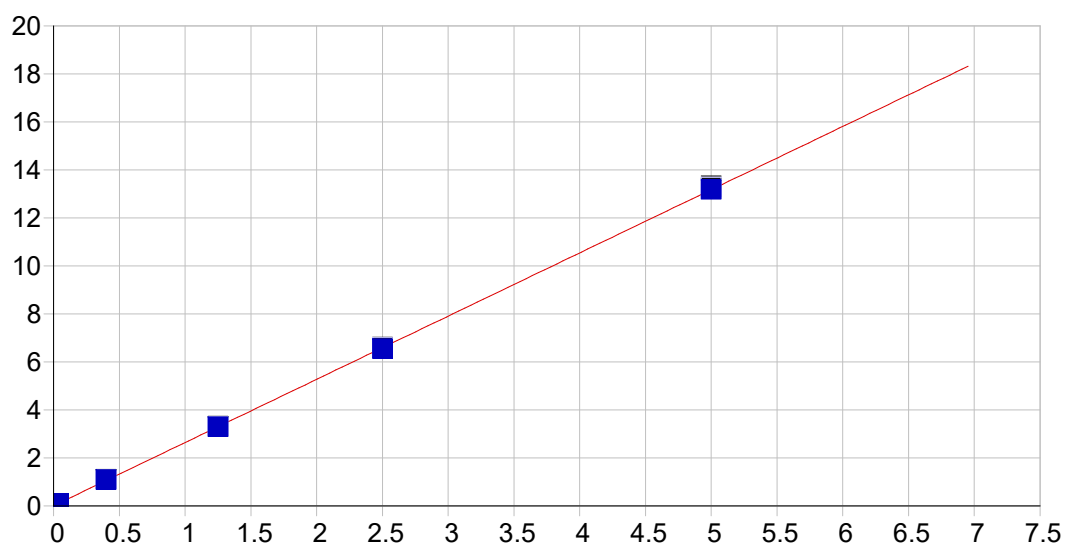


Zn 206.200 {464}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001160	Re-Slope:	1.000000
A1 (Gain):	0.843232	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000241		
Predicted MDL:	0.000231		
Predicted MQL:	0.000770		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00116	.000	1
S1	.04000	.04181	.002	4.52	.03642	.000	1
S3	1.2500	1.2719	.022	1.75	1.0737	.003	1
S4	2.5000	2.4605	-.040	-1.58	2.0759	.002	1
S5	5.0000	5.0055	.006	.111	4.2220	.028	1
S2	.40000	.41025	.010	2.56	.34710	.000	1

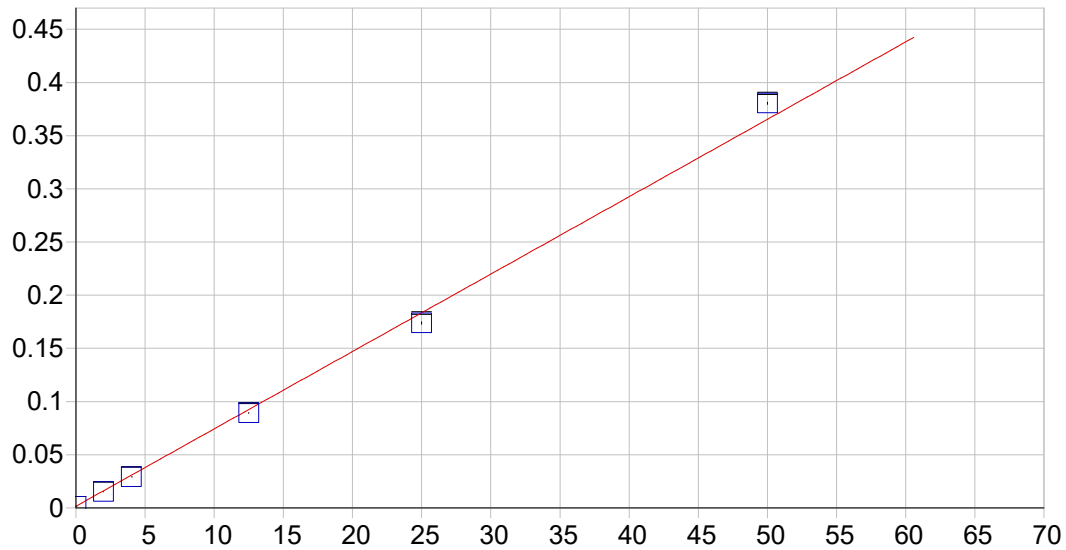


Zn 213.856 {158}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006002 Re-Slope: 1.000000
 A1 (Gain): 2.634125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000445
 Predicted MDL: 0.000357
 Predicted MQL: 0.001190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00600	.001	1
S1	.04000	.04131	.001	3.28	.11556	.000	1
S3	1.2500	1.2467	-.003	-.263	3.3129	.010	1
S4	2.5000	2.4849	-.015	-.605	6.5973	.019	1
S5	5.0000	5.0057	.006	.114	13.283	.047	1
S2	.40000	.41141	.011	2.85	1.0970	.010	1

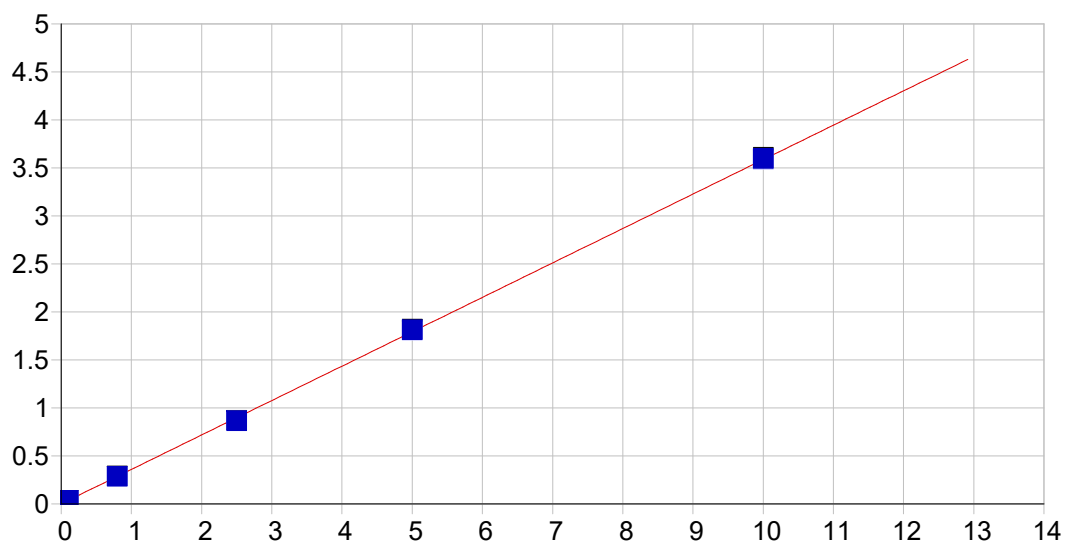


K 766.490 { 44}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001599 Re-Slope: 1.000000
 A1 (Gain): 0.007276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998989 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.033410
 Predicted MQL: 0.111365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	.00160	.000	1
S2	4.0000	3.7972	-.203	-5.07	.02923	.000	1
S3	12.500	12.052	-.448	-3.58	.08928	.000	1
S4	25.000	23.685	-1.31	-5.26	.17392	.001	1
S5	50.000	52.083	2.08	4.17	.38053	.001	1
S1	2.0000	1.8825	-.117	-5.87	.01529	.000	1

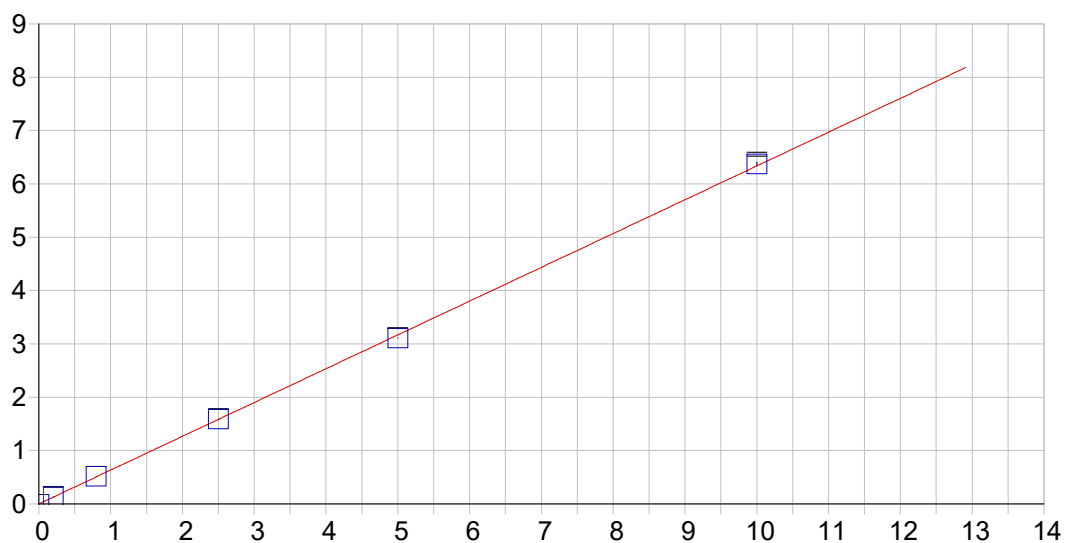


B 249.678 {135}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000821 Re-Slope: 1.000000
 A1 (Gain): 0.358502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000264
 Predicted MDL: 0.000737
 Predicted MQL: 0.002456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.10000	.10134	.001	1.34	.03696	.000	1
S3	2.5000	2.4143	-.086	-3.43	.86372	.004	1
S4	5.0000	5.0516	.052	1.03	1.8065	.007	1
S5	10.000	10.034	.034	.343	3.5875	.012	1
S2	.80000	.79840	-.002	-.200	.28620	.002	1

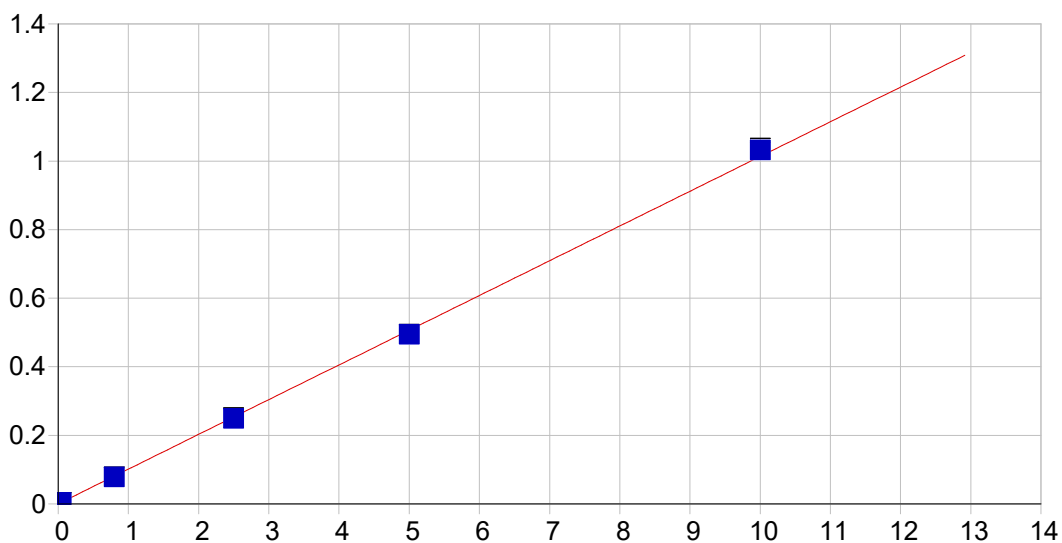


Mo 202.030 {467}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.633662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000595
 Predicted MDL: 0.000321
 Predicted MQL: 0.001069

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.000	1
S1	.20000	.20998	.010	4.99	.13324	.000	1
S3	2.5000	2.5107	.011	.427	1.5911	.003	1
S4	5.0000	4.9065	-.093	-1.87	3.1093	.003	1
S5	10.000	10.057	.057	.566	6.3727	.038	1
S2	.80000	.81623	.016	2.03	.51740	.001	1

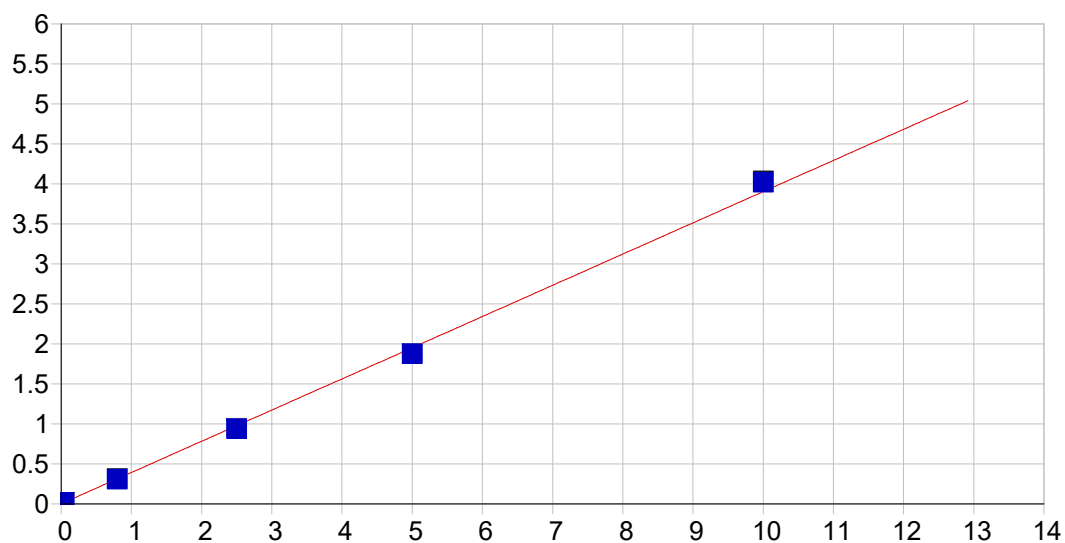


Sn 189.989 {478}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000152	Re-Slope:	1.000000
A1 (Gain):	0.101302	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999788	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.000943		
Predicted MQL:	0.003143		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.04000	.03917	-.001	-2.07	.00412	.000	1
S3	2.5000	2.4622	-.038	-1.51	.24932	.001	1
S4	5.0000	4.8779	-.122	-2.44	.49378	.001	1
S5	10.000	10.185	.185	1.85	1.0309	.006	1
S2	.80000	.77538	-.025	-3.08	.07862	.000	1

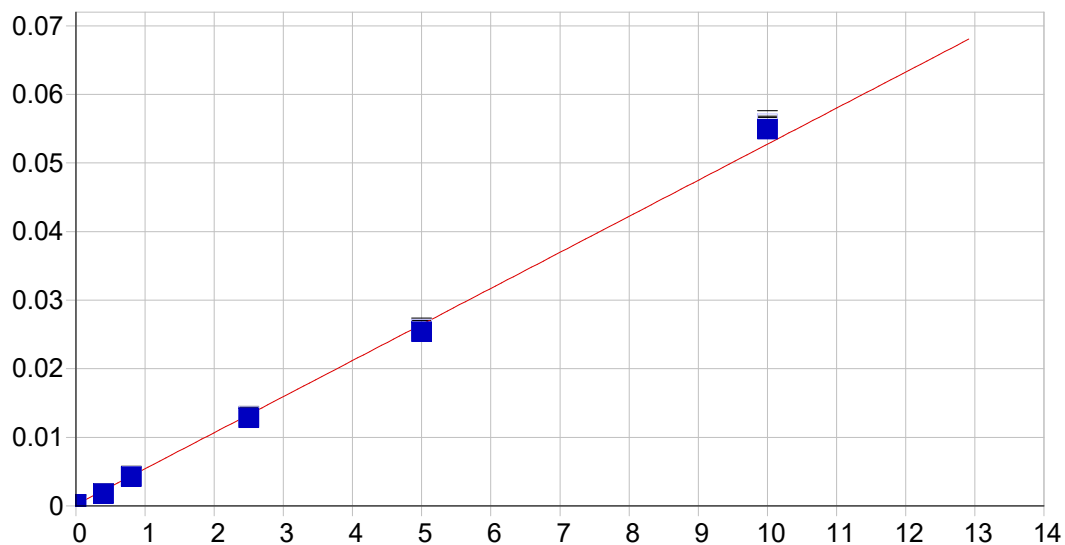


Ti 336.121 {100}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002331 Re-Slope: 1.000000
A1 (Gain): 0.390039 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999446 Status: OK.
Std Error of Est: 0.000430
Predicted MDL: 0.000827
Predicted MQL: 0.002757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00233	.000	1
S1	.04000	.03965	-.000	-.867	.01779	.000	1
S3	2.5000	2.4041	-.096	-3.84	.93966	.004	1
S4	5.0000	4.8078	-.192	-3.84	1.8769	.002	1
S5	10.000	10.301	.301	3.01	4.0187	.014	1
S2	.80000	.78756	-.012	-1.55	.30940	.001	1

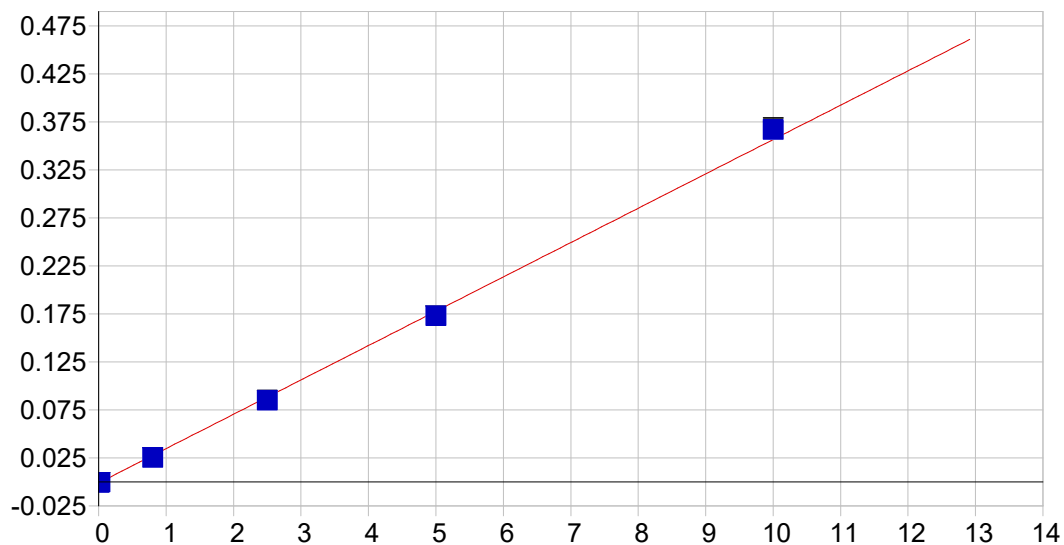


Si 288.158 {117}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.005258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998689 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.008477
 Predicted MQL: 0.028257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00017	.000	1
S1	.40000	.30818	-.092	-23.0	.00179	.000	1
S3	2.5000	2.4089	-.091	-3.64	.01303	.000	1
S4	5.0000	4.7962	-.204	-4.08	.02578	.000	1
S5	10.000	10.412	.412	4.12	.05570	.000	1
S2	.80000	.77377	-.026	-3.28	.00430	.000	1

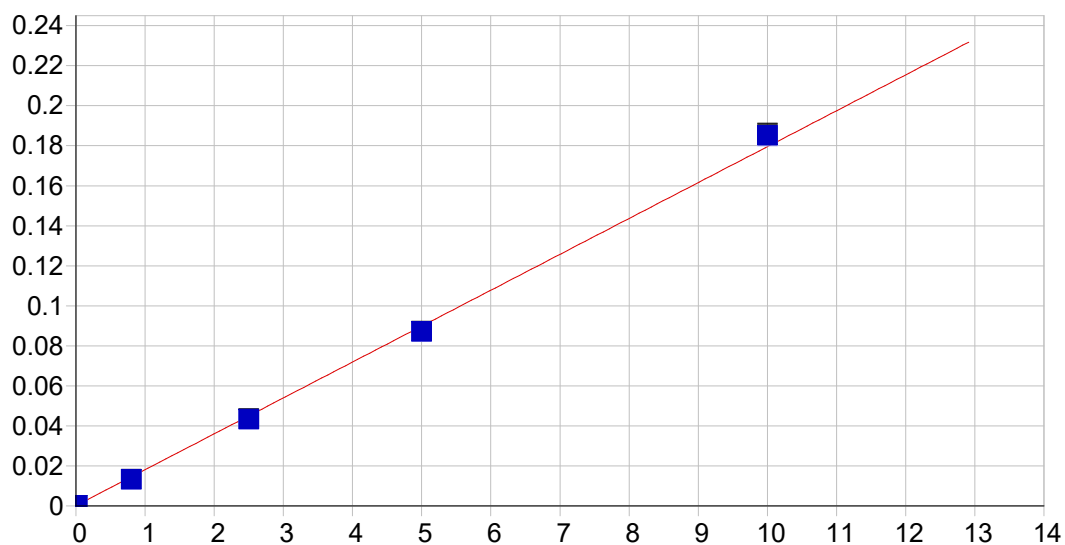


P 177.495 {490}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.035773 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999463 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002934
 Predicted MQL: 0.009781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.02000	.01851	-.001	-7.45	-.00044	.000	1
S3	2.5000	2.4085	-.092	-3.66	.08504	.000	1
S4	5.0000	4.8686	-.131	-2.63	.17304	.000	1
S5	10.000	10.285	.285	2.85	.36678	.002	1
S2	.80000	.73908	-.061	-7.62	.02533	.000	1

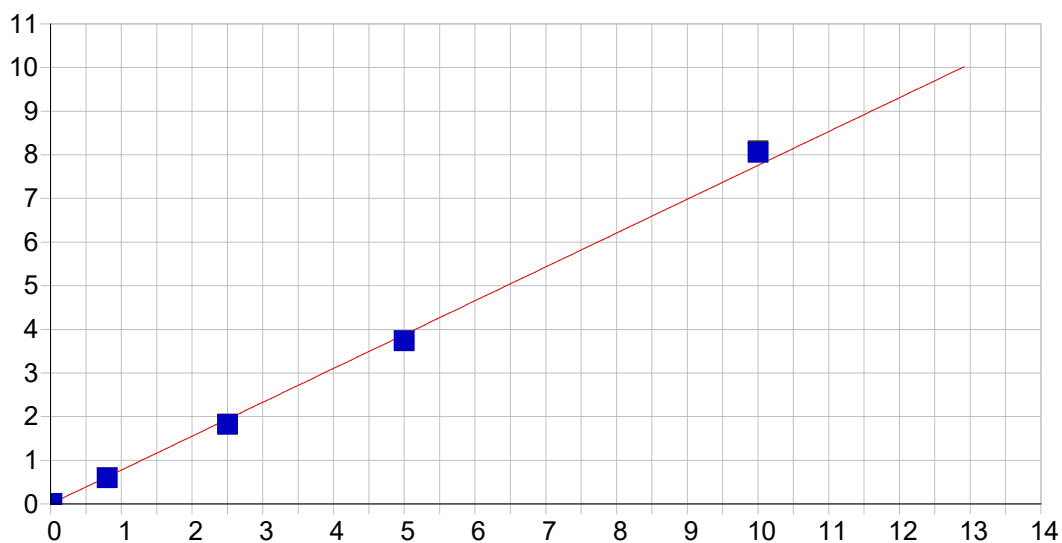


S 182.034 {485}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000164	Re-Slope:	1.000000
A1 (Gain):	0.017936	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999298	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.004675		
Predicted MQL:	0.015583		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00016	.000	1
S1	.02000	.01531	-.005	-23.5	.00042	.000	1
S3	2.5000	2.4061	-.094	-3.76	.04320	.000	1
S4	5.0000	4.8513	-.149	-2.97	.08694	.000	1
S5	10.000	10.319	.319	3.19	.18477	.001	1
S2	.80000	.72842	-.072	-8.95	.01319	.000	1

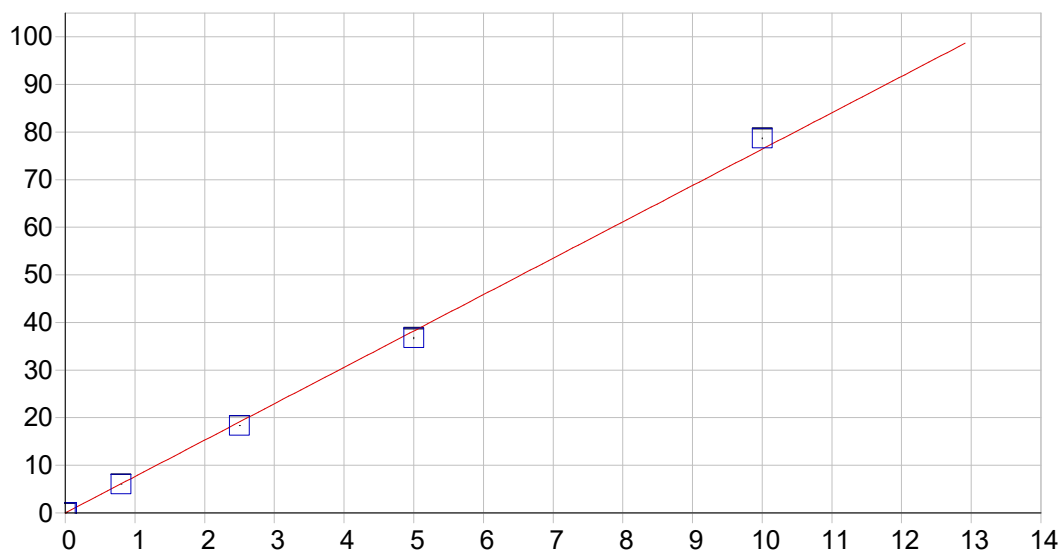


Li 670.784 { 50}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001089 Re-Slope: 1.000000
 A1 (Gain): 0.775713 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999086 Status: OK.
 Std Error of Est: 0.000778
 Predicted MDL: 0.001291
 Predicted MQL: 0.004305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00109	.000	1
S5	10.000	10.383	.383	3.83	8.0593	.029	1
S4	5.0000	4.8114	-.189	-3.77	3.7353	.004	1
S3	2.5000	2.3458	-.154	-6.17	1.8217	.006	1
S1	.02000	.01667	-.003	-16.7	.01426	.001	1
S2	.80000	.76305	-.037	-4.62	.59330	.000	1



Sr 407.771 { 83}

Date of Fit: 4/17/2025 17:22:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000747 Re-Slope: 1.000000
 A1 (Gain): 7.641307 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999450 Status: OK.
 Std Error of Est: 0.005941
 Predicted MDL: 0.000084
 Predicted MQL: 0.000280

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.02000	.01987	-.000	-.651	.15258	.001	1
S3	2.5000	2.4016	-.098	-3.93	18.352	.014	1
S4	5.0000	4.8085	-.192	-3.83	36.744	.183	1
S5	10.000	10.298	.298	2.98	78.691	.096	1
S2	.80000	.79198	-.008	-1.00	6.0525	.020	1



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





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
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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	

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

Sample Name: S0 Acquired: 4/17/2025 13:38:35 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.00002	.00000	-.00009	.00019	.00027	-.00009	.04818	-.00007
Stddev	.00009	.00012	.00001	.00006	.00018	.00040	.00415	.00016
%RSD	501.20	2563.0	13.305	31.157	67.060	447.30	8.6050	220.85
#1	-.00007	-.00009	-.00008	.00022	.00008	-.00005	.05012	-.00024
#2	.00008	.00014	-.00009	.00012	.00043	-.00051	.05100	.00008
#3	-.00007	-.00004	-.00010	.00022	.00030	.00029	.04342	-.00005
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	.00006	.00048	.00008	.00011	-.00084	.00006	.00110	-.00028
Stddev	.00015	.00021	.00004	.00013	.00021	.00003	.00017	.00009
%RSD	272.32	44.192	55.583	116.62	24.904	50.758	15.823	31.951
#1	.00013	.00052	.00012	.00025	-.00100	.00004	.00100	-.00035
#2	.00016	.00026	.00007	.00011	-.00091	.00005	.00100	-.00018
#3	-.00012	.00068	.00004	-.00002	-.00060	.00010	.00130	-.00030
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	-.00040	-.00113	.00273	.00001	.00600	.00160	.00082	.00018
Stddev	.00002	.00003	.00013	.00015	.00128	.00011	.00013	.00010
%RSD	4.5145	2.6648	4.6481	1680.9	21.273	6.9994	16.283	54.318
#1	-.00038	-.00110	.00284	.00018	.00477	.00160	.00089	.00029
#2	-.00042	-.00116	.00275	-.00012	.00732	.00171	.00090	.00014
#3	-.00041	-.00115	.00259	-.00003	.00591	.00149	.00067	.00011
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00015	.00233	.00017	-.00110	.00016	.00109	.00076	
Stddev	.00004	.00007	.00002	.00008	.00002	.00029	.00007	
%RSD	23.907	2.8882	13.500	6.9612	14.609	26.281	8.9827	
#1	.00011	.00241	.00019	-.00103	.00019	.00076	.00083	
#2	.00018	.00228	.00016	-.00118	.00014	.00125	.00073	
#3	.00016	.00230	.00015	-.00109	.00016	.00127	.00071	

Sample Name: S0 Acquired: 4/17/2025 13:38:35 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	2725.6	63212.	12114.	1776.4	4417.9
Stddev	4.6	139.	65.	.8	4.5
%RSD	.16961	.22064	.53657	.04665	.10179
#1	2724.1	63107.	12051.	1775.8	4416.0
#2	2721.9	63370.	12181.	1775.9	4414.6
#3	2730.8	63158.	12112.	1777.3	4423.0

Sample Name: S1 Acquired: 4/17/2025 13:43:00 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00090	.00226	.00196	.00099	.00557	.00844	.26192	.03326
Stddev	.00010	.00012	.00032	.00017	.00008	.00017	.00141	.00044
%RSD	10.619	5.4145	16.591	17.614	1.3811	1.9896	.54002	1.3191
#1	.00099	.00222	.00233	.00092	.00557	.00860	.26158	.03365
#2	.00093	.00240	.00175	.00086	.00549	.00846	.26347	.03334
#3	.00080	.00216	.00179	.00118	.00565	.00827	.26070	.03278
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	.01341	.09342	.00181	.02022	.01551	.00054	.00849	.02279
Stddev	.00015	.00032	.00005	.00035	.00005	.00002	.00008	.00032
%RSD	1.1147	.34057	2.8302	1.7409	.30300	3.7760	.99720	1.3836
#1	.01348	.09341	.00186	.02062	.01556	.00055	.00842	.02296
#2	.01324	.09374	.00176	.01997	.01547	.00052	.00845	.02297
#3	.01352	.09310	.00182	.02006	.01550	.00055	.00858	.02242
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	.01914	.00170	.02223	.00518	.11556	.01529	.03696	.13324
Stddev	.00004	.00002	.00014	.00026	.00041	.00011	.00021	.00038
%RSD	.19150	1.0036	.62043	5.0894	.35784	.70144	.57850	.28314
#1	.01912	.00169	.02216	.00539	.11511	.01519	.03709	.13366
#2	.01918	.00170	.02214	.00489	.11566	.01540	.03709	.13292
#3	.01912	.00172	.02239	.00527	.11592	.01529	.03672	.13316
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	.00412	.01779	.00179	-.00044	.00042	.01426	.15258	
Stddev	.00001	.00020	.00005	.00004	.00006	.00083	.00095	
%RSD	.34166	1.1458	2.9702	8.6259	15.265	5.7982	.61979	
#1	.00412	.01799	.00180	-.00040	.00045	.01505	.15238	
#2	.00413	.01779	.00184	-.00043	.00035	.01435	.15175	
#3	.00410	.01758	.00173	-.00048	.00047	.01340	.15361	

Sample Name: S1 Acquired: 4/17/2025 13:43:00 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	2732.8	64533.	12470.	1820.2	4394.3
Stddev	14.7	212.	61.	6.6	16.2
%RSD	.53926	.32784	.48836	.36237	.36771
#1	2716.6	64321.	12402.	1812.8	4383.3
#2	2745.3	64533.	12519.	1825.5	4412.9
#3	2736.6	64744.	12490.	1822.2	4386.9

Sample Name: S2 Acquired: 4/17/2025 13:47:23 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.03726	.04626	.15087	.03176	.08000	.12984	3.5667	.22832
Stddev	.00007	.00033	.00065	.00018	.00026	.00054	.0095	.00205
%RSD	.19323	.72036	.43158	.57385	.32966	.41801	.26600	.89670

#1	.03731	.04590	.15020	.03160	.08024	.12924	3.5575	.22599
#2	.03717	.04631	.15093	.03196	.07972	.13030	3.5765	.22980
#3	.03728	.04656	.15150	.03172	.08003	.12997	3.5662	.22918

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	.86651	.18611	.02957	.27343	.14796	.00402	.14834	.04324
Stddev	.00055	.00139	.00006	.00030	.00025	.00006	.00087	.00051
%RSD	.06330	.74875	.19395	.10963	.16962	1.5750	.58922	1.1773

#1	.86708	.18531	.02953	.27313	.14780	.00403	.14783	.04285
#2	.86646	.18772	.02964	.27373	.14784	.00409	.14935	.04381
#3	.86599	.18531	.02955	.27343	.14825	.00396	.14783	.04305

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	.19681	.05770	.04286	.05176	1.0970	.02923	.28620	.51740
Stddev	.00008	.00013	.00030	.00018	.0101	.00009	.00180	.00111
%RSD	.03861	.22091	.70461	.34619	.91813	.30536	.62733	.21373

#1	.19683	.05785	.04319	.05161	1.1083	.02928	.28439	.51613
#2	.19687	.05763	.04281	.05196	1.0888	.02912	.28798	.51788
#3	.19672	.05763	.04259	.05172	1.0941	.02928	.28624	.51818

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	.07862	.30940	.00430	.02533	.01319	.59330	6.0525	
Stddev	.00004	.00094	.00003	.00010	.00008	.00016	.0200	
%RSD	.05462	.30475	.76994	.40791	.64235	.02624	.32994	

#1	.07858	.30832	.00432	.02545	.01329	.59317	6.0317	
#2	.07866	.31003	.00426	.02525	.01312	.59347	6.0715	
#3	.07860	.30985	.00431	.02530	.01316	.59327	6.0544	

Sample Name: S2 Acquired: 4/17/2025 13:47:23 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	2693.5	62710.	12024.	1777.5	4259.4
Stddev	1.8	295.	33.	21.0	9.8
%RSD	.06505	.47021	.27158	1.1806	.22950
#1	2694.8	62377.	12054.	1754.6	4258.5
#2	2691.5	62938.	11989.	1795.7	4250.1
#3	2694.3	62814.	12030.	1782.4	4269.6

Sample Name: S3 Acquired: 4/17/2025 13:51:31 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.11894	.14587	.47395	.10052	.25065	.39972	10.944	.69207
Stddev	.00008	.00090	.00261	.00026	.00040	.00231	.038	.00366
%RSD	.06474	.61943	.55152	.25956	.15790	.57914	.34313	.52824

#1	.11885	.14524	.47181	.10022	.25021	.39726	10.902	.69026
#2	.11897	.14547	.47317	.10063	.25077	.40006	10.953	.68967
#3	.11899	.14691	.47686	.10071	.25097	.40185	10.975	.69628

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7337	.56883	.09053	.85824	.45770	.01224	.44799	.13223
Stddev	.0124	.00339	.00046	.00238	.00052	.00008	.00298	.00079
%RSD	.45484	.59516	.51262	.27711	.11365	.65289	.66562	.60108

#1	2.7223	.56533	.09086	.85646	.45735	.01226	.44524	.13174
#2	2.7319	.56909	.09074	.85731	.45744	.01231	.44758	.13179
#3	2.7470	.57208	.09000	.86094	.45829	.01215	.45116	.13314

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	.61843	.17713	.13112	.15900	3.3129	.08928	.86372	1.5911
Stddev	.00296	.00118	.00110	.00070	.0103	.00042	.00362	.0033
%RSD	.47936	.66601	.83963	.43767	.31183	.47076	.41922	.20896

#1	.61571	.17814	.13126	.15824	3.3152	.08937	.86159	1.5873
#2	.61800	.17743	.13214	.15917	3.3219	.08965	.86166	1.5924
#3	.62159	.17584	.12995	.15960	3.3016	.08882	.86790	1.5936

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	.24932	.93966	.01303	.08504	.04320	1.8217	18.352	
Stddev	.00141	.00427	.00003	.00008	.00011	.0059	.014	
%RSD	.56414	.45419	.26098	.08975	.25384	.32515	.07507	

#1	.24780	.93525	.01299	.08498	.04318	1.8156	18.367	
#2	.24960	.93996	.01306	.08503	.04311	1.8222	18.340	
#3	.25057	.94377	.01304	.08513	.04332	1.8274	18.350	

Sample Name: S3 Acquired: 4/17/2025 13:51:31 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	2597.6	61764.	12024.	1732.8	3999.9
Stddev	1.9	193.	79.	5.6	8.3
%RSD	.07157	.31292	.65537	.32166	.20723
#1	2599.7	61744.	12103.	1734.6	4005.5
#2	2596.0	61582.	12025.	1726.5	4004.0
#3	2597.2	61967.	11945.	1737.2	3990.4

Sample Name: S4 Acquired: 4/17/2025 13:55:42 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.23617	.27575	.93781	.19894	.49780	.81503	21.426	1.4303
Stddev	.00067	.00057	.00096	.00044	.00068	.00285	.285	.0048
%RSD	.28324	.20512	.10255	.22310	.13685	.34964	1.3296	.33251

#1	.23560	.27618	.93763	.19842	.49723	.81309	21.495	1.4330
#2	.23599	.27597	.93885	.19919	.49762	.81371	21.112	1.4249
#3	.23691	.27511	.93696	.19919	.49856	.81831	21.669	1.4332

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	5.4396	1.1355	.17882	1.7022	.89289	.02364	.88678	.27086
Stddev	.0060	.0018	.00107	.0012	.00158	.00009	.00210	.00114
%RSD	.11030	.15585	.59734	.07265	.17703	.38841	.23719	.41936

#1	5.4378	1.1370	.17954	1.7009	.89116	.02358	.88548	.26961
#2	5.4464	1.1336	.17932	1.7034	.89325	.02374	.88565	.27113
#3	5.4348	1.1360	.17759	1.7023	.89426	.02358	.88920	.27184

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	1.2219	.35305	.25615	.31966	6.5973	.17392	1.8065	3.1093
Stddev	.0008	.00140	.00189	.00049	.0195	.00116	.0072	.0026
%RSD	.06111	.39679	.73807	.15276	.29507	.66426	.39850	.08492

#1	1.2224	.35422	.25661	.31910	6.5780	.17395	1.8080	3.1071
#2	1.2223	.35343	.25778	.31987	6.6169	.17506	1.7987	3.1086
#3	1.2210	.35149	.25408	.32000	6.5970	.17275	1.8129	3.1122

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	.49378	1.8769	.02578	.17304	.08694	3.7353	36.744	
Stddev	.00057	.0020	.00018	.00041	.00018	.0043	.183	
%RSD	.11528	.10891	.69649	.23678	.20388	.11615	.49911	

#1	.49388	1.8782	.02560	.17320	.08715	3.7357	36.675	
#2	.49429	1.8745	.02596	.17334	.08684	3.7308	36.604	
#3	.49316	1.8779	.02577	.17257	.08685	3.7395	36.951	

Sample Name: S4 Acquired: 4/17/2025 13:55:42 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	2584.7	60309.	11327.	1677.0	3919.1
Stddev	.7	309.	18.	4.5	4.6
%RSD	.02620	.51281	.16032	.26852	.11771
#1	2585.5	60307.	11328.	1678.8	3915.6
#2	2584.3	60001.	11345.	1671.8	3917.3
#3	2584.2	60620.	11309.	1680.2	3924.3

Sample Name: S5 Acquired: 4/17/2025 13:59:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.48519	.57042	1.9465	.40409	1.0232	1.7194	46.438	2.8324
Stddev	.00309	.00609	.0089	.00223	.0045	.0056	.475	.0100
%RSD	.63750	1.0668	.45853	.55169	.43832	.32467	1.0238	.35299

#1	.48210	.56342	1.9368	.40180	1.0182	1.7172	46.157	2.8210
#2	.48829	.57445	1.9543	.40625	1.0266	1.7154	46.987	2.8363
#3	.48518	.57339	1.9483	.40423	1.0250	1.7258	46.169	2.8398

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.387	2.4266	.35980	3.5734	1.8107	.05088	1.8913	.57289
Stddev	.059	.0059	.00229	.0213	.0117	.00019	.0086	.00086
%RSD	.51956	.24458	.63535	.59510	.64351	.37004	.45605	.15002

#1	11.321	2.4264	.35723	3.5493	1.7985	.05071	1.8964	.57230
#2	11.434	2.4207	.36160	3.5893	1.8217	.05086	1.8814	.57250
#3	11.406	2.4326	.36058	3.5817	1.8119	.05108	1.8962	.57388

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5475	.72000	.57519	.68483	13.283	.38053	3.5875	6.3727
Stddev	.0154	.00378	.00137	.00326	.047	.00111	.0120	.0379
%RSD	.60438	.52442	.23736	.47565	.35502	.29257	.33570	.59458

#1	2.5305	.71564	.57549	.68647	13.232	.38001	3.5737	6.3305
#2	2.5606	.72233	.57370	.68108	13.325	.37977	3.5933	6.4038
#3	2.5513	.72202	.57638	.68695	13.293	.38181	3.5956	6.3837

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	1.0309	4.0187	.05570	.36678	.18477	8.0593	78.691	
Stddev	.0056	.0143	.00049	.00201	.00107	.0290	.096	
%RSD	.54020	.35489	.87164	.54937	.57702	.35991	.12177	

#1	1.0245	4.0250	.05526	.36448	.18357	8.0802	78.586	
#2	1.0345	4.0023	.05561	.36823	.18559	8.0262	78.772	
#3	1.0337	4.0286	.05622	.36764	.18516	8.0715	78.716	

Sample Name: S5 Acquired: 4/17/2025 13:59:56 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v9) 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	2501.2	59682.	11371.	1644.4	3684.4
Stddev	12.8	229.	14.	4.9	17.9
%RSD	.51301	.38381	.12120	.29663	.48491
#1	2514.9	59946.	11380.	1649.0	3703.9
#2	2489.5	59564.	11378.	1639.3	3668.9
#3	2499.2	59536.	11355.	1644.7	3680.4

Sample Name: ICV01 Acquired: 4/17/2025 14:04:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	1.029475	1.078896	1.016569	1.071190	1.064301	2.411497
Stddev	.001901	.002838	.001959	.003785	.002098	.005747
%RSD	.1846357	.2630894	.1926955	.3533540	.1971300	.2383302

#1	1.029664	1.082173	1.016948	1.075532	1.064720	2.406700
#2	1.027486	1.077312	1.018310	1.069455	1.066158	2.417867
#3	1.031274	1.077202	1.014448	1.068584	1.062025	2.409924

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5410903	.5233984	.5160892	9.588908	.5213670	.4969588
Stddev	.0008819	.0009441	.0017985	.021539	.0004535	.0013538
%RSD	.1629927	.1803797	.3484915	.2246248	.0869912	.2724233

#1	.5404560	.5243391	.5158193	9.603561	.5217674	.4969230
#2	.5420974	.5234053	.5180074	9.598986	.5208744	.4983302
#3	.5407176	.5224509	.5144408	9.564178	.5214591	.4956232

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5182138	9.481642	.4922869	6.139658	.5041682	.2526358
Stddev	.0020181	.032911	.0017799	.019484	.0016117	.0007532
%RSD	.3894345	.3471018	.3615654	.3173527	.3196726	.2981379

#1	.5204382	9.448004	.4902486	6.118875	.5040466	.2530749
#2	.5165001	9.483148	.4930772	6.142586	.5058372	.2517661
#3	.5177031	9.513774	.4935348	6.157513	.5026207	.2530665

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48185	.4764753	1.027458	9.606885	F .0464801	2.611404
Stddev	.06859	.0008701	.003194	.009014	.0002645	.006991
%RSD	.6543451	.1826002	.3108745	.0938274	.5689663	.2677254

#1	10.45623	.4770154	1.031142	9.597966	.0464432	2.618810
#2	10.42976	.4769389	1.025468	9.615991	.0467611	2.610484
#3	10.55956	.4754717	1.025763	9.606698	.0462360	2.604919

Sample Name: ICV01 Acquired: 4/17/2025 14:04:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	F -.001116	F -.000266	F -.009041	F .0034230	F -.005000	F .0027430
Stddev	.000321	.000625	.008926	.0008656	.004381	.0011174
%RSD	28.76837	235.0371	98.72407	25.28865	87.61425	40.73668

#1	-.000832	-.000560	-.004633	.0042114	-.002263	.0017437
#2	-.001051	-.000690	-.019313	.0024967	-.002685	.0025359
#3	-.001464	.000452	-.003177	.0035608	-.010053	.0039495

Elem	Sr4077
Units	ppm
Avg	F .0013827
Stddev	.0000031
%RSD	.2265137

#1	.0013817
#2	.0013862
#3	.0013802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.507	61344.14	11491.14	1720.276	4116.431
Stddev	7.637	56.92	46.65	8.564	9.036
%RSD	.2907832	.0927895	.4059788	.4977991	.2195046

#1	2617.688	61278.54	11465.09	1710.731	4110.742
#2	2630.948	61380.35	11463.33	1722.814	4111.702
#3	2630.885	61373.55	11545.00	1727.285	4126.850

Sample Name: LLICV01 Acquired: 4/17/2025 14:17:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.0238296	.0440853	.0124963	.0209463	.0562091	.0945886
Stddev	.0017916	.0007112	.0008652	.0010664	.0009554	.0104537
%RSD	7.518146	1.613294	6.923658	5.091176	1.699749	11.05171

#1	.0249925	.0442952	.0124174	.0204289	.0561353	.1062778
#2	.0247299	.0432927	.0116732	.0202373	.0571993	.0861362
#3	.0217665	.0446679	.0133982	.0221727	.0552927	.0913518

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940456	.0065051	.0063133	1.990842	.0099794	.0297936
Stddev	.0009151	.0000632	.0000164	.009164	.0003262	.0004700
%RSD	.9730044	.9720098	.2604326	.4603246	3.268921	1.577374

#1	.0930914	.0064334	.0063316	1.995100	.0096729	.0293060
#2	.0941297	.0065288	.0062996	1.980323	.0099430	.0302436
#3	.0949157	.0065530	.0063089	1.997102	.0103223	.0298312

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228886	.0911596	.0198919	2.116537	.0401395	.0104608
Stddev	.0005868	.0022858	.0002756	.003797	.0002261	.0004750
%RSD	2.563819	2.507445	1.385508	.1793760	.5632532	4.540371

#1	.0222590	.0924200	.0201529	2.112191	.0400091	.0101684
#2	.0234203	.0925378	.0199191	2.119211	.0404005	.0110088
#3	.0229866	.0885211	.0196038	2.118207	.0400087	.0102052

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.666678	.0409028	.0437722	1.675741	F .1201005	.2164011
Stddev	.051988	.0014558	.0008490	.058041	.0008879	.0009947
%RSD	3.119288	3.559070	1.939697	3.463630	.7392841	.4596363

#1	1.636718	.0399813	.0442753	1.656560	.1191239	.2152943
#2	1.726709	.0401461	.0442492	1.740945	.1203187	.2172202
#3	1.636606	.0425811	.0427919	1.629718	.1208590	.2166888

Sample Name: LLICV01 Acquired: 4/17/2025 14:17:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.0393973	.0403606	F .3040528	.0196827	.0176814	.0205466
Stddev	.0003205	.0006456	.0058552	.0006078	.0042516	.0005819
%RSD	.8133702	1.599490	1.925709	3.088077	24.04575	2.832003

#1	.0391794	.0408787	.3086832	.0202884	.0222517	.0207675
#2	.0397653	.0396374	.3060041	.0190728	.0169488	.0209857
#3	.0392473	.0405656	.2974712	.0196870	.0138437	.0198866

Elem	Sr4077
Units	ppm
Avg	.0195546
Stddev	.0001107
%RSD	.5662149

#1	.0194507
#2	.0195419
#3	.0196711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.537	61242.35	11316.84	1712.346	4173.347
Stddev	10.439	843.76	56.06	20.933	13.202
%RSD	.4005118	1.377735	.4953510	1.222487	.3163451

#1	2616.211	61750.55	11341.37	1714.788	4182.559
#2	2595.471	60268.37	11356.46	1690.299	4158.222
#3	2607.929	61708.13	11252.70	1731.951	4179.261

Sample Name: ICB01 Acquired: 4/17/2025 14:21:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.001892	-.002004	-.000086	.0041743	.0007166	-.005018	.0005824
Stddev	.001312	.001399	.000985	.0031956	.0020503	.002361	.0009529
%RSD	69.34453	69.79831	1141.189	76.55490	286.0997	47.04902	163.6264

#1	-.003141	-.003415	.000899	.0059114	.0025702	-.007688	.0013883
#2	-.002009	-.000618	-.000087	.0061251	-.001486	-.003207	.0008282
#3	-.000525	-.001979	-.001070	.0004864	.001065	-.004159	-.000469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000329	-.000041	-.003708	-.000170	-.000147	-.000187	-.009099
Stddev	.0000145	.000029	.007555	.000375	.000157	.000583	.004394
%RSD	44.17747	71.50330	203.7358	220.8178	107.0713	311.3484	48.29555

#1	.0000443	-.000009	-.002236	-.000456	-.000206	.000453	-.012804
#2	.0000165	-.000049	.003002	.000255	-.000266	-.000688	-.004244
#3	.0000377	-.000065	-.011891	-.000308	.000031	-.000327	-.010248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001190	.0057985	.0001090	.0000126	-.109612	.0006846	-.000451
Stddev	.000224	.0071506	.0001234	.0002251	.021305	.0012531	.000394
%RSD	18.80335	123.3180	113.1353	1790.551	19.43663	183.0570	87.30197

#1	-.001101	.0031485	.0002210	.0002599	-.133710	.0007401	-.000903
#2	-.001445	.0003512	-.000023	-.000180	-.093275	-.000595	-.000187
#3	-.001024	.0138958	.000129	-.000042	-.101852	.001909	-.000262

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.242320	.0059915	-.000190	-.000408	-.000230	-.002140	.0005854
Stddev	.014618	.0000507	.000181	.000530	.000582	.007107	.0031423
%RSD	6.032598	.8465280	95.17984	129.8564	252.8953	332.1338	536.8273

#1	-.228662	.0059353	-.000015	-.000705	.000391	-.000652	.0033587
#2	-.257738	.0060339	-.000178	-.000724	-.000763	-.009873	.0012249
#3	-.240559	.0060053	-.000376	.000204	-.000318	.004105	-.002828

Sample Name: ICB01 Acquired: 4/17/2025 14:21:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.001053	.0001884	-.000078
Stddev	.002122	.0001280	.000051
%RSD	201.5307	67.95020	65.73337

#1	.000075	.0000407	-.000132
#2	-.003501	.0002682	-.000072
#3	.000267	.0002563	-.000030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.125	61297.55	12386.09	1713.776	4189.062
Stddev	.416	524.22	31.21	11.537	2.919
%RSD	.0160011	.8552130	.2519888	.6732026	.0696847

#1	2598.217	61197.36	12355.51	1712.416	4192.347
#2	2598.488	60830.66	12384.88	1702.978	4186.765
#3	2597.671	61864.64	12417.90	1725.932	4188.075

Sample Name: CRI01 Acquired: 4/17/2025 14:25:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208309	.0414742	.0113538	.0197842	.0558801	.0971014	.0971373
Stddev	.0007193	.0007124	.0013061	.0025660	.0039565	.0018517	.0004999
%RSD	3.453107	1.717629	11.50341	12.97021	7.080252	1.906981	.5146205

#1	.0210871	.0418876	.0106811	.0168285	.0597192	.0977451	.0973957
#2	.0200185	.0406516	.0105213	.0210823	.0561053	.0985454	.0974551
#3	.0213870	.0418832	.0128591	.0214418	.0518159	.0950138	.0965611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061512	.0062505	1.998726	.0102450	.0302417	.0232214	.0947162
Stddev	.0000974	.0000590	.014406	.0001998	.0003190	.0003374	.0032743
%RSD	1.583047	.9434704	.7207521	1.950612	1.054851	1.452816	3.456914

#1	.0060553	.0062813	1.988771	.0104622	.0304745	.0234914	.0925769
#2	.0062500	.0061825	2.015245	.0100690	.0298781	.0228432	.0984856
#3	.0061485	.0062876	1.992161	.0102038	.0303726	.0233295	.0930861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201305	2.130503	.0402671	.0103062	1.805819	.0406112	.0429522
Stddev	.0005125	.022463	.0005052	.0004163	.010457	.0018487	.0004766
%RSD	2.545931	1.054366	1.254727	4.039131	.5790774	4.552140	1.109678

#1	.0196063	2.127877	.0408430	.0102956	1.799933	.0407481	.0434384
#2	.0206305	2.154164	.0398984	.0098953	1.817893	.0423876	.0429323
#3	.0201548	2.109468	.0400600	.0107277	1.799632	.0386979	.0424858

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.793353	.1099153	.2154397	.0411899	.0396752	.3234957	.0194389
Stddev	.013091	.0005542	.0004790	.0008489	.0005232	.0117270	.0008485
%RSD	.7299682	.5041797	.2223179	2.060835	1.318633	3.625082	4.365031

#1	1.799083	.1094553	.2159600	.0408657	.0394689	.3150529	.0184592
#2	1.778374	.1105306	.2150171	.0421530	.0402700	.3185487	.0199420
#3	1.802602	.1097601	.2153420	.0405509	.0392866	.3368856	.0199153

Sample Name: CRI01 Acquired: 4/17/2025 14:25:58 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0188848	.0201888	.0199030
Stddev	.0057916	.0003880	.0000483
%RSD	30.66790	1.921856	.2427970

#1	.0202383	.0205062	.0199371
#2	.0238798	.0197563	.0198477
#3	.0125363	.0203039	.0199243

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.042	61327.47	12017.57	1734.378	4179.022
Stddev	5.423	149.70	72.29	11.165	12.288
%RSD	.2065062	.2441023	.6015501	.6437400	.2940488

#1	2622.992	61360.05	11941.51	1722.309	4172.489
#2	2632.304	61164.17	12025.81	1736.487	4193.197
#3	2622.831	61458.21	12085.39	1744.338	4171.380

Sample Name: ICSA01 Acquired: 4/17/2025 14:30:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.000063	.0127233	-.002645	-.019547	-.001925	237.7383
Stddev	.004745	.0011598	.001892	.003878	.002365	.4968
%RSD	7506.799	9.115844	71.52367	19.83917	122.8207	.2089829

#1	.000031	.0138653	-.002482	-.018716	.000803	237.2184
#2	-.004854	.0115464	-.000840	-.016152	-.003389	238.2083
#3	.004634	.0127583	-.004614	-.023773	-.003190	237.7882

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064487	.0006050	-.002914	229.2450	.0559538	.0007576
Stddev	.0008525	.0000509	.000149	.5977	.0008411	.0001289
%RSD	13.21905	8.405391	5.128180	.2607448	1.503139	17.01090

#1	.0066884	.0006316	-.003052	228.8023	.0558075	.0009031
#2	.0055021	.0006372	-.002934	229.0079	.0568584	.0007116
#3	.0071557	.0005464	-.002756	229.9250	.0551954	.0006580

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010803	100.4327	.0013198	245.0432	.0023009	.0011757
Stddev	.000459	.6487	.0006087	.7834	.0001508	.0002761
%RSD	4.249829	.6458923	46.12509	.3197130	6.551661	23.48519

#1	-.010996	100.8542	.0006312	244.3953	.0023526	.0014304
#2	-.010279	100.7582	.0015416	244.8204	.0021311	.0008823
#3	-.011134	99.6857	.0017865	245.9139	.0024190	.0012145

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064135	.0040341	.0028820	-.161444	F .1515641	.0005096
Stddev	.020944	.0009285	.0005268	.021584	.0010403	.0002444
%RSD	32.65523	23.01585	18.28024	13.36922	.6863555	47.95429

#1	-.075046	.0050450	.0024309	-.148247	.1509449	.0007764
#2	-.077371	.0038383	.0027541	-.186352	.1527651	.0004557
#3	-.039989	.0032192	.0034610	-.149733	.1509823	.0002966

Sample Name: ICSA01 Acquired: 4/17/2025 14:30:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.006310	-.001957	.0110337	.0039209	-.014948	.0042490
Stddev	.000815	.000220	.0056200	.0012293	.008046	.0011458
%RSD	12.91610	11.22008	50.93463	31.35174	53.82680	26.96535

#1	-.006327	-.002171	.0091213	.0051504	-.020475	.0048278
#2	-.007116	-.001966	.0173603	.0039202	-.005717	.0049898
#3	-.005487	-.001732	.0066195	.0026919	-.018652	.0029293

Elem	Sr4077
Units	ppm
Avg	F .0957730
Stddev	.0001525
%RSD	.1592278

#1	.0956947
#2	.0956756
#3	.0959487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.065	55333.87	11715.87	1594.864	3436.601
Stddev	8.129	482.66	10.61	2.149	11.476
%RSD	.3429963	.8722622	.0905211	.1347724	.3339399

#1	2376.947	55097.11	11727.31	1597.190	3446.018
#2	2372.153	55015.31	11713.92	1592.951	3439.965
#3	2361.095	55889.18	11706.37	1594.451	3423.818

Sample Name: ICSAB01 Acquired: 4/17/2025 14:34:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.1098964	.1115724	.0474560	.0319923	.6297293	236.7223
Stddev	.0008471	.0020075	.0003612	.0025995	.0067907	.0139
%RSD	.7707821	1.799285	.7611703	8.125474	1.078346	.0058890

#1	.1089908	.1092895	.0471520	.0293526	.6287547	236.7141
#2	.1100293	.1130623	.0478553	.0345497	.6369546	236.7143
#3	.1106692	.1123654	.0473606	.0320746	.6234786	236.7384

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858712	.4881193	1.043458	228.3106	.5697090	.5066735
Stddev	.0007163	.0016487	.001885	.3938	.0023028	.0009608
%RSD	.1474249	.3377716	.1806193	.1724995	.4042136	.1896281

#1	.4865674	.4882293	1.044665	228.3415	.5674495	.5073625
#2	.4859099	.4897102	1.044423	228.6881	.5696246	.5070820
#3	.4851364	.4864183	1.041286	227.9022	.5720528	.5055759

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4905459	101.5382	.4759500	243.7432	1.008210	.1898439
Stddev	.0014202	.6043	.0024059	.5900	.001162	.0009398
%RSD	.2895180	.5951548	.5054886	.2420499	.1152743	.4950602

#1	.4893036	100.8787	.4747788	243.5654	1.009212	.1888812
#2	.4920942	101.6708	.4787172	244.4017	1.008484	.1907590
#3	.4902398	102.0653	.4743541	243.2626	1.006936	.1898914

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.067175	.4713294	1.057629	-.216258	1.046801	1.011083
Stddev	.008312	.0010958	.005854	.028162	.003225	.001879
%RSD	12.37442	.2324858	.5534778	13.02250	.3080540	.1858676

#1	-.075717	.4725360	1.051502	-.234844	1.045826	1.011443
#2	-.066693	.4710560	1.063165	-.230074	1.050401	1.012756
#3	-.059113	.4703962	1.058219	-.183856	1.044177	1.009049

Sample Name: ICSAB01 Acquired: 4/17/2025 14:34:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	1.008375	.9545789	F .7786267	F .0028678	F -.025257	F .0046451
Stddev	.001091	.0017524	.0061427	.0048104	.005057	.0008142
%RSD	.1082367	.1835755	.7889076	167.7425	20.02070	17.52734

#1	1.009535	.9554900	.7752978	.0022976	-.028396	.0039492
#2	1.007368	.9556881	.7857152	.0079378	-.027952	.0044458
#3	1.008222	.9525586	.7748670	-.001632	-.019424	.0055405

Elem	Sr4077
Units	ppm
Avg	F .0953974
Stddev	.0003778
%RSD	.3960546

#1	.0950283
#2	.0957834
#3	.0953805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.395	54831.41	11844.40	1576.473	3447.908
Stddev	2.819	264.19	49.03	4.903	7.354
%RSD	.1194355	.4818176	.4139446	.3109820	.2132847

#1	2357.517	55132.60	11836.64	1581.194	3439.526
#2	2360.516	54638.86	11799.71	1571.407	3450.923
#3	2363.152	54722.78	11896.84	1576.817	3453.275

Sample Name: ICSADLX20 Acquired: 4/17/2025 14:38:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005328	.0002155	-.000746	.0000328	-.000329	11.49878	.0009415
Stddev	.0008031	.0002809	.000488	.0036311	.001345	.00900	.0000352
%RSD	150.7427	130.3796	65.41662	11067.46	408.3073	.0783117	3.741182

#1	.0001120	.0005215	-.000654	.0033351	-.001761	11.50883	.0009200
#2	.0014589	-.000031	-.000311	.0006190	.000909	11.49608	.0009821
#3	.0000274	.000156	-.001274	-.003856	-.000136	11.49143	.0009223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001170	-.000245	11.64724	.0027542	-.000026	-.000618	4.894395
Stddev	.0000294	.000040	.02526	.0004128	.000036	.000241	.022254
%RSD	25.15605	16.22402	.2168525	14.98699	135.2803	38.93399	.4546869

#1	.0001428	-.000200	11.61860	.0031063	.000014	-.000347	4.894725
#2	.0000849	-.000259	11.66636	.0022999	-.000038	-.000807	4.916482
#3	.0001232	-.000276	11.65675	.0028563	-.000055	-.000699	4.871977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001631	11.89454	.0002240	-.000189	-.133986	-.000549	-.000198
Stddev	.000526	.03353	.0001387	.000244	.016292	.001541	.000186
%RSD	32.27370	.2819266	61.91929	129.0727	12.15974	280.7228	94.15812

#1	-.002213	11.89309	.0003600	.000091	-.125960	-.001660	-.000068
#2	-.001187	11.92878	.0000827	-.000307	-.152734	-.001198	-.000114
#3	-.001493	11.86176	.0002294	-.000351	-.123264	.001211	-.000412

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223431	.0106899	-.000061	-.002104	-.000093	-.004698	-.000816
Stddev	.035586	.0006737	.000173	.000785	.000608	.001789	.002733
%RSD	15.92726	6.302692	284.6010	37.31033	651.7826	38.08669	334.8098

#1	-.182531	.0114425	-.000083	-.001911	-.000792	-.005474	-.003658
#2	-.247314	.0101428	.000122	-.002968	.000196	-.002652	-.000584
#3	-.240447	.0104844	-.000221	-.001434	.000316	-.005968	.001793

Sample Name: ICSADLX20 Acquired: 4/17/2025 14:38:37 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002889	-.000394	.0047600
Stddev	.000666	.001164	.0000237
%RSD	23.06257	295.3354	.4984211

#1	-.002359	-.000180	.0047826
#2	-.002671	-.001651	.0047353
#3	-.003637	.000648	.0047621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.244	61594.34	12226.33	1757.986	4214.262
Stddev	11.033	278.74	22.69	15.559	17.266
%RSD	.4136599	.4525340	.1855718	.8850528	.4096946

#1	2662.019	61420.47	12231.29	1753.572	4206.398
#2	2659.795	61446.70	12201.57	1745.111	4202.328
#3	2679.920	61915.84	12246.12	1775.275	4234.060

Sample Name: ICSABDLX20 Acquired: 4/17/2025 14:42:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040454	.0030089	.0021698	.0044624	.0325968	11.60897	.0246490
Stddev	.0015251	.0008084	.0005523	.0049055	.0024684	.03213	.0008029
%RSD	37.69942	26.86774	25.45335	109.9313	7.572614	.2767863	3.257430

#1	.0055176	.0026921	.0016046	.0074379	.0344499	11.57874	.0255757
#2	.0024724	.0024069	.0021965	-.001200	.0297947	11.60544	.0241605
#3	.0041462	.0039278	.0027082	.007149	.0335458	11.64272	.0242108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257322	.0505070	11.62687	.0284873	.0240800	.0249535	4.711303
Stddev	.0000498	.0002215	.04911	.0004510	.0001628	.0004851	.021086
%RSD	.1934398	.4385117	.4223600	1.583309	.6760544	1.943846	.4475581

#1	.0256762	.0504069	11.57071	.0281418	.0242665	.0252461	4.690312
#2	.0257713	.0503533	11.64816	.0289976	.0239664	.0252209	4.732482
#3	.0257491	.0507609	11.66173	.0283225	.0240072	.0243936	4.711115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225445	11.99520	.0486857	.0090615	-.135958	.0244693	.0523083
Stddev	.0000848	.05944	.0003184	.0000441	.003835	.0024243	.0005426
%RSD	.3759831	.4955497	.6540272	.4870657	2.820872	9.907581	1.037231

#1	.0226329	11.92929	.0483852	.0091100	-.140250	.0218380	.0529340
#2	.0224640	12.04476	.0490194	.0090508	-.134761	.0249574	.0519678
#3	.0225367	12.01155	.0486524	.0090236	-.132865	.0266123	.0520232

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.243749	.0565121	.0508089	.0464013	.0473635	.0299251	.0004197
Stddev	.016404	.0009351	.0001760	.0003491	.0004273	.0047360	.0009675
%RSD	6.729951	1.654706	.3463169	.7523942	.9020736	15.82624	230.5358

#1	-.239381	.0558143	.0506581	.0459995	.0468806	.0267875	.0013688
#2	-.229971	.0575746	.0510022	.0466309	.0476922	.0353729	.0004552
#3	-.261895	.0561473	.0507663	.0465735	.0475177	.0276149	-.000565

Sample Name: ICSABDLX20 Acquired: 4/17/2025 14:42:54 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001572	.0008977	.0047111
Stddev	.004934	.0010113	.0000289
%RSD	313.8430	112.6567	.6145703

#1	-.007207	-.000076	.0047386
#2	.000516	.001943	.0047140
#3	.001974	.000827	.0046809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.418	62085.14	11904.49	1727.842	4260.340
Stddev	3.576	156.76	31.30	1.368	6.137
%RSD	.1336018	.2524983	.2629093	.0791873	.1440493

#1	2674.066	62078.99	11913.59	1729.422	4253.950
#2	2674.654	61931.54	11869.64	1727.048	4266.188
#3	2680.533	62244.89	11930.22	1727.055	4260.881

Sample Name: CCV01 Acquired: 4/17/2025 14:47:08 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023629	5.056921	5.021174	5.060066	5.048609	9.949020	9.936305
Stddev	.022766	.008296	.004506	.025027	.011430	.006827	.009274
%RSD	.4531854	.1640472	.0897361	.4946023	.2263985	.0686182	.0933344
#1	5.041682	5.053488	5.019045	5.080525	5.055822	9.949889	9.939557
#2	5.031151	5.066382	5.026350	5.067513	5.054575	9.941801	9.925843
#3	4.998053	5.050893	5.018128	5.032161	5.035431	9.955371	9.943516
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2491546	2.492377	24.89797	1.021494	2.494187	1.259131	5.061275
Stddev	.0013351	.001320	.15709	.000585	.000757	.004188	.024849
%RSD	.5358415	.0529715	.6309297	.0572529	.0303347	.3326131	.4909538
#1	.2478956	2.491135	24.74431	1.021940	2.493616	1.262641	5.068030
#2	.2490137	2.493763	24.89132	1.021708	2.493899	1.260257	5.082048
#3	.2505546	2.492232	25.05828	1.020832	2.495045	1.254496	5.033748
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.468192	24.77633	2.497422	1.263067	25.18798	2.499392	2.524410
Stddev	.010558	.20019	.001328	.001711	.13240	.009413	.005023
%RSD	.4277591	.8079707	.0531555	.1354793	.5256667	.3766195	.1989883
#1	2.456478	24.60585	2.497293	1.261284	25.16372	2.488986	2.525167
#2	2.471124	24.72636	2.498809	1.264695	25.33084	2.501878	2.529011
#3	2.476974	24.99676	2.496163	1.263221	25.06938	2.507313	2.519051
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.05671	4.987875	5.055735	5.004939	4.960859	5.042862	4.973468
Stddev	.10157	.038686	.012931	.006864	.011838	.011258	.008868
%RSD	.4053415	.7756060	.2557605	.1371430	.2386191	.2232533	.1782965
#1	25.11563	4.946072	5.062918	4.997251	4.947193	5.041726	4.973141
#2	25.11508	4.995138	5.063479	5.010452	4.967454	5.054645	4.964768
#3	24.93944	5.022415	5.040808	5.007114	4.967929	5.032215	4.982494

Sample Name: CCV01 Acquired: 4/17/2025 14:47:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	4.944086	4.958529	5.009751
Stddev	.012829	.011719	.057755
%RSD	.2594753	.2363307	1.152849

#1	4.954352	4.950410	4.971543
#2	4.929705	4.971963	4.981519
#3	4.948201	4.953214	5.076191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.888	60491.83	11731.15	1677.672	3914.742
Stddev	7.447	123.83	65.86	5.100	3.415
%RSD	.2886445	.2047040	.5613950	.3039886	.0872415

#1	2574.739	60362.51	11779.79	1672.103	3913.660
#2	2576.498	60609.32	11757.45	1678.799	3911.998
#3	2588.426	60503.67	11656.21	1682.115	3918.567

Sample Name: CCB01 Acquired: 4/17/2025 14:51:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.0001595	-.000487	-.000763	.0015650	-.000837	-.003180	.0020026
Stddev	.0020276	.001422	.000103	.0029621	.001763	.007263	.0000444
%RSD	1270.938	291.7840	13.47541	189.2773	210.6601	228.4149	2.214901

#1	.0021191	-.000950	-.000847	.0036227	-.001817	-.003553	.0020405
#2	-.001930	-.001621	-.000794	.0029021	-.001891	-.010248	.0020136
#3	.000289	.001109	-.000648	-.001830	.001198	.004263	.0019538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000294	.0001420	-.008122	.0001914	.0002902	-.000098	-.008153
Stddev	.0000435	.0000209	.006988	.0000453	.0002233	.000118	.002581
%RSD	148.1516	14.73042	86.04107	23.69628	76.95964	120.6590	31.65379

#1	.0000754	.0001651	-.016165	.0002326	.0004813	-.000211	-.005866
#2	.0000240	.0001364	-.004665	.0001428	.0003445	.000024	-.010951
#3	-.000011	.0001244	-.003536	.0001987	.0000447	-.000105	-.007641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002046	.0081817	.0000796	-.000182	-.139166	-.000689	-.000318
Stddev	.000460	.0094103	.0003626	.000137	.011735	.000656	.000116
%RSD	22.49731	115.0174	455.5451	74.84584	8.432397	95.18332	36.35484

#1	-.001827	.0065773	-.000244	-.000222	-.146092	-.000405	-.000232
#2	-.002575	-.000323	.000471	-.000295	-.145789	-.000223	-.000273
#3	-.001736	.018291	.000012	-.000031	-.125616	-.001439	-.000449

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.241519	.0110712	.0005736	-.000593	.0003030	-.002142	.0010831
Stddev	.009092	.0003690	.0000650	.000119	.0007440	.009914	.0016733
%RSD	3.764437	3.332826	11.32550	20.03880	245.5269	462.8161	154.4939

#1	-.251200	.0107082	.0005022	-.000691	.0003550	.001861	-.000168
#2	-.240194	.0114459	.0005892	-.000461	-.000466	.005144	.002984
#3	-.233162	.0110595	.0006293	-.000626	.001020	-.013432	.000433

Sample Name: CCB01 Acquired: 4/17/2025 14:51:19 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.003766	.0000797	.0001946
Stddev	.002687	.0010038	.0000398
%RSD	71.35084	1259.895	20.46245

#1	-.006044	-.000362	.0001845
#2	-.004452	.001229	.0001607
#3	-.000803	-.000627	.0002384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2653.595	62316.05	12127.16	1754.718	4287.388
Stddev	12.229	43.65	129.38	2.019	16.640
%RSD	.4608395	.0700429	1.066851	.1150807	.3881082

#1	2640.056	62291.40	11982.81	1755.754	4269.722
#2	2656.891	62366.44	12165.98	1752.391	4289.676
#3	2663.838	62290.30	12232.68	1756.008	4302.765

Sample Name: WATER MDL-6 Acquired: 4/17/2025 15:18:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042866	.0090706	.0021859	.0106787	.0149872	.0265623	.0245255
Stddev	.0033660	.0006884	.0010649	.0006738	.0006100	.0046452	.0007457
%RSD	78.52233	7.589565	48.71624	6.309813	4.070043	17.48809	3.040549

#1	.0021922	.0083638	.0010692	.0114537	.0152269	.0313722	.0239680
#2	.0024984	.0097390	.0031901	.0102324	.0154410	.0221013	.0242359
#3	.0081693	.0091090	.0022985	.0103499	.0142938	.0262135	.0253725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015856	.0015168	.4960284	.0025698	.0073732	.0053989	.0237831
Stddev	.0000111	.0000362	.0096448	.0002247	.0000637	.0003635	.0036290
%RSD	.6999661	2.383787	1.944398	8.745455	.8643100	6.733278	15.25867

#1	.0015970	.0015400	.5059164	.0028093	.0073171	.0055037	.0196778
#2	.0015852	.0015353	.4955219	.0023635	.0074425	.0049945	.0265632
#3	.0015748	.0014751	.4866468	.0025365	.0073601	.0056985	.0251084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036330	.5438155	.0097016	.0026674	.3333139	.0098533	.0104241
Stddev	.0002547	.0078724	.0001922	.0002077	.0151158	.0013357	.0001198
%RSD	7.011387	1.447622	1.980664	7.787658	4.535013	13.55583	1.148886

#1	.0033400	.5460074	.0095190	.0025634	.3436938	.0112560	.0103775
#2	.0037570	.5350795	.0099020	.0025323	.3159715	.0085966	.0103347
#3	.0038020	.5503597	.0096838	.0029066	.3402763	.0097074	.0105602

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2794485	.0274255	.0539118	.0095704	.0096018	.0749352	.0020977
Stddev	.0280518	.0002875	.0001658	.0005704	.0006767	.0029973	.0010231
%RSD	10.03826	1.048332	.3076134	5.960256	7.047814	3.999876	48.77394

#1	.2663013	.0276133	.0538992	.0095561	.0096800	.0783312	.0022985
#2	.3116593	.0275687	.0540835	.0090073	.0102360	.0726590	.0009890
#3	.2603850	.0270945	.0537526	.0101478	.0088894	.0738155	.0030054

Sample Name: WATER MDL-6 Acquired: 4/17/2025 15:18:08 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012996	.0062321	.0049508
Stddev	.0044239	.0004134	.0000133
%RSD	340.4070	6.633576	.2683264

#1	.0052538	.0060608	.0049615
#2	.0021232	.0059319	.0049360
#3	-.003478	.0067037	.0049550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.504	61963.14	12022.65	1731.006	4303.957
Stddev	7.701	71.46	54.61	2.024	11.389
%RSD	.2899105	.1153204	.4542390	.1169476	.2646082

#1	2648.375	61996.89	11965.40	1728.770	4290.913
#2	2657.444	61881.06	12028.40	1732.715	4311.930
#3	2663.692	62011.47	12074.17	1731.532	4309.026

Sample Name: WATER MDL-7 Acquired: 4/17/2025 15:27:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023337	.0102480	.0025836	.0083758	.0149187	.0224530	.0245507
Stddev	.0009401	.0003575	.0008533	.0028496	.0025664	.0025070	.0005620
%RSD	40.28461	3.488531	33.02972	34.02145	17.20250	11.16562	2.289185

#1	.0032452	.0101002	.0024883	.0107368	.0178595	.0196520	.0251600
#2	.0023885	.0099881	.0017819	.0091801	.0131321	.0244865	.0240526
#3	.0013674	.0106557	.0034805	.0052105	.0137645	.0232207	.0244393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015301	.0015152	.4906210	.0026083	.0073267	.0064843	.0235272
Stddev	.0000191	.0000491	.0133363	.0004735	.0000982	.0006751	.0008767
%RSD	1.251146	3.238110	2.718250	18.15261	1.339936	10.41075	3.726425

#1	.0015522	.0014746	.5037467	.0028161	.0072134	.0057123	.0234217
#2	.0015198	.0015013	.4770836	.0029424	.0073858	.0069636	.0244519
#3	.0015184	.0015697	.4910326	.0020665	.0073809	.0067769	.0227080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036184	.5252396	.0099275	.0024461	.3492374	.0107214	.0114524
Stddev	.0002191	.0030791	.0002660	.0001257	.0271142	.0007310	.0002643
%RSD	6.056254	.5862254	2.679914	5.139968	7.763822	6.818206	2.307642

#1	.0037162	.5229097	.0098947	.0023918	.3744878	.0113479	.0116560
#2	.0037716	.5287304	.0096794	.0023566	.3205812	.0099182	.0115476
#3	.0033674	.5240788	.0102085	.0025898	.3526431	.0108981	.0111537

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2569281	.0272777	.0537972	.0093247	.0096782	.0767719	.0036652
Stddev	.0288600	.0005834	.0001254	.0000869	.0006796	.0040525	.0018732
%RSD	11.23272	2.138774	.2331233	.9323014	7.021898	5.278625	51.10781

#1	.2501097	.0267955	.0537371	.0092656	.0090721	.0813664	.0016486
#2	.2885868	.0279262	.0537131	.0094246	.0095496	.0752429	.0039959
#3	.2320879	.0271114	.0539413	.0092841	.0104129	.0737063	.0053510

Sample Name: WATER MDL-7 Acquired: 4/17/2025 15:27:07 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001008	.0049785	.0050008
Stddev	.002604	.0011100	.0000702
%RSD	258.2628	22.29562	1.403766

#1	-.000080	.0050339	.0050294
#2	.001005	.0038418	.0049208
#3	-.003949	.0060597	.0050522

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.036	62823.52	12231.55	1781.792	4342.253
Stddev	1.390	204.49	56.12	2.259	8.756
%RSD	.0519341	.3255057	.4588316	.1267831	.2016425

#1	2674.759	62711.35	12208.07	1781.023	4332.450
#2	2677.516	62699.65	12190.98	1780.018	4345.011
#3	2675.834	63059.55	12295.60	1784.335	4349.298

Sample Name: PBW07 Acquired: 4/17/2025 15:31:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002566	-.001489	.0008007	.0026750	.0005486	-.003230	-.000301
Stddev	.001559	.001230	.0014867	.0022147	.0016562	.002255	.001179
%RSD	60.77450	82.63853	185.6869	82.79405	301.9010	69.82665	392.1319

#1	-.001188	-.000785	-.000884	.0041411	-.000867	-.000891	-.000540
#2	-.004259	-.002909	.001356	.0001273	.002370	-.003408	.000980
#3	-.002251	-.000772	.001930	.0037566	.000142	-.005391	-.001342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0000068	-.006903	-.000151	-.000202	.0001023	-.006762
Stddev	.000068	.0000766	.008956	.000428	.000217	.0002202	.004992
%RSD	389.1113	1132.553	129.7369	282.6048	107.4171	215.2003	73.82602

#1	.000035	.0000173	-.016347	.000082	-.000401	.0003499	-.002325
#2	-.000095	.0000776	-.005831	-.000645	-.000236	-.000072	-.012168
#3	.000007	-.000075	.001469	.000109	.000030	.000029	-.005794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002172	.0053346	.0000923	-.000261	-.145010	-.000139	-.000279
Stddev	.000193	.0125665	.0001339	.000131	.011817	.001267	.000187
%RSD	8.905848	235.5675	145.0130	50.32325	8.148966	909.8550	66.91154

#1	-.002241	-.007689	.0000622	-.000281	-.136930	-.001368	-.000359
#2	-.001954	.006305	.0002388	-.000121	-.139528	-.000212	-.000066
#3	-.002322	.017388	-.000024	-.000381	-.158572	.001163	-.000414

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.238954	.0006902	.0000117	-.000914	.0000672	-.012315	-.001920
Stddev	.008221	.0007251	.0001267	.000655	.0004443	.009076	.001012
%RSD	3.440277	105.0583	1087.122	71.61308	661.6333	73.70156	52.70002

#1	-.239217	.0014160	.0000778	-.000160	-.000136	-.008293	-.002405
#2	-.247040	-.000034	-.000134	-.001244	.000577	-.005945	-.000757
#3	-.230605	.000689	.000092	-.001338	-.000239	-.022707	-.002598

Sample Name: PBW07 Acquired: 4/17/2025 15:31:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002055	.0014511	-.000075
Stddev	.001769	.0006011	.000047
%RSD	86.09128	41.42804	62.58974

#1	-.001852	.0017667	-.000084
#2	-.000396	.0007578	-.000024
#3	-.003918	.0018286	-.000116

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.014	63127.41	11586.24	1791.607	4360.619
Stddev	13.102	66.79	55.59	3.616	20.980
%RSD	.4890609	.1057965	.4797581	.2018110	.4811232

#1	2676.587	63128.94	11561.17	1788.241	4362.641
#2	2667.295	63059.87	11547.59	1791.150	4338.701
#3	2693.159	63193.42	11649.94	1795.429	4380.514

Sample Name: SOIL MDL-6 Acquired: 4/17/2025 15:52:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036547	.0103745	.0023088	.0077215	.0144610	.0241861	.0257856
Stddev	.0016246	.0024128	.0007055	.0029142	.0010754	.0025131	.0007826
%RSD	44.45357	23.25746	30.55581	37.74102	7.436725	10.39058	3.034929

#1	.0018436	.0112625	.0015888	.0060652	.0156602	.0264992	.0265171
#2	.0041368	.0122174	.0023388	.0110864	.0141407	.0215121	.0258794
#3	.0049837	.0076435	.0029988	.0060130	.0135821	.0245469	.0249604

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015855	.0014842	.5068493	.0023314	.0073207	.0058431	.0185797
Stddev	.0000451	.0000124	.0051791	.0002104	.0001329	.0001715	.0048271
%RSD	2.843210	.8342357	1.021822	9.023082	1.815392	2.935582	25.98081

#1	.0016194	.0014972	.5127326	.0024375	.0071778	.0056643	.0166203
#2	.0016027	.0014829	.5048371	.0024677	.0074406	.0060063	.0150403
#3	.0015343	.0014725	.5029784	.0020892	.0073436	.0058588	.0240784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030267	.5389920	.0101134	.0025072	.3140673	.0104215	.0104750
Stddev	.0000095	.0114017	.0001806	.0002850	.0080982	.0014896	.0006925
%RSD	.3149747	2.115367	1.785542	11.36781	2.578494	14.29375	6.611191

#1	.0030372	.5439109	.0103192	.0022035	.3223869	.0094271	.0103455
#2	.0030185	.5259566	.0100392	.0027689	.3062103	.0097032	.0098564
#3	.0030245	.5471085	.0099817	.0025492	.3136046	.0121341	.0112232

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2997263	.0264589	.0543056	.0096512	.0103738	.0695357	.0048638
Stddev	.0281667	.0004239	.0001861	.0002213	.0006211	.0076946	.0019108
%RSD	9.397457	1.602143	.3426499	2.293036	5.986742	11.06575	39.28664

#1	.3168026	.0263815	.0544779	.0097596	.0106824	.0684760	.0044474
#2	.3151603	.0260791	.0543307	.0093966	.0096589	.0777053	.0031955
#3	.2672161	.0269162	.0541082	.0097975	.0107802	.0624258	.0069484

Sample Name: SOIL MDL-6 Acquired: 4/17/2025 15:52:45 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026245	.0045102	.0049953
Stddev	.0025067	.0006465	.0000469
%RSD	95.51218	14.33359	.9389151

#1	.0046049	.0040543	.0050344
#2	-.000194	.0052501	.0050083
#3	.003462	.0042263	.0049433

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2655.697	63674.48	11959.88	1767.106	4294.196
Stddev	11.092	68.39	50.24	1.890	15.004
%RSD	.4176807	.1074093	.4200318	.1069369	.3493989

#1	2643.223	63751.84	11907.92	1764.949	4278.104
#2	2659.415	63649.52	12008.20	1767.899	4307.801
#3	2664.452	63622.07	11963.51	1768.470	4296.682

Sample Name: SOIL MDL-7 Acquired: 4/17/2025 15:57:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030225	.0100626	.0023126	.0075834	.0132883	.0227861	.0258957
Stddev	.0022884	.0008413	.0010126	.0011049	.0028320	.0066607	.0008419
%RSD	75.71365	8.360582	43.78806	14.57073	21.31173	29.23158	3.251116

#1	.0004804	.0095997	.0028731	.0078732	.0152826	.0223964	.0258878
#2	.0036688	.0110337	.0029211	.0085145	.0100468	.0296331	.0267415
#3	.0049182	.0095545	.0011436	.0063624	.0145355	.0163288	.0250578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015873	.0014866	.4972155	.0026815	.0073076	.0057300	.0246297
Stddev	.0000190	.0000749	.0099847	.0001563	.0003747	.0000626	.0054671
%RSD	1.194697	5.040781	2.008129	5.829962	5.127375	1.091749	22.19727

#1	.0015666	.0015728	.5003578	.0026005	.0077396	.0058017	.0309139
#2	.0016039	.0014507	.4860377	.0025822	.0070725	.0056863	.0220080
#3	.0015914	.0014364	.5052512	.0028617	.0071105	.0057020	.0209672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033662	.5409331	.0101014	.0024683	.3089694	.0104622	.0117017
Stddev	.0002556	.0264792	.0000739	.0000500	.0149858	.0003942	.0003460
%RSD	7.592544	4.895090	.7314321	2.025734	4.850237	3.767788	2.956965

#1	.0030870	.5314740	.0101341	.0024141	.3176190	.0108492	.0113229
#2	.0034229	.5708429	.0101534	.0024781	.2916653	.0104761	.0120010
#3	.0035887	.5204826	.0100169	.0025127	.3176239	.0100612	.0117813

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2795388	.0265801	.0538793	.0097362	.0095382	.0710512	.0027550
Stddev	.0222981	.0001619	.0002864	.0001194	.0002704	.0083548	.0020657
%RSD	7.976761	.6090257	.5316157	1.226794	2.835490	11.75882	74.97847

#1	.2553965	.0267363	.0535495	.0096582	.0096228	.0770277	.0042650
#2	.2993604	.0265911	.0540658	.0096767	.0092356	.0615045	.0004010
#3	.2838594	.0264131	.0540226	.0098737	.0097563	.0746215	.0035991

Sample Name: SOIL MDL-7 Acquired: 4/17/2025 15:57:05 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036574	.0039605	.0049326
Stddev	.0004487	.0002436	.0000578
%RSD	12.26971	6.151699	1.172555

#1	.0041739	.0037273	.0048947
#2	.0034347	.0039408	.0049992
#3	.0033635	.0042134	.0049040

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.472	63057.76	11914.88	1773.263	4297.437
Stddev	9.156	99.59	49.85	7.793	10.830
%RSD	.3425922	.1579331	.4183789	.4394827	.2520222

#1	2662.045	62949.26	11864.91	1764.308	4285.335
#2	2676.180	63079.04	11915.13	1778.508	4306.217
#3	2679.193	63144.99	11964.61	1776.973	4300.760

Sample Name: PBS07 Acquired: 4/17/2025 16:01:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002354	-.001031	-.001889	-.000704	.0036175	-.008772	.0007123
Stddev	.001580	.000398	.000483	.004149	.0014097	.004718	.0000938
%RSD	67.09447	38.55171	25.55219	589.4363	38.96921	53.78766	13.16259

#1	-.003846	-.000573	-.001357	.000238	.0021447	-.003719	.0007355
#2	-.000700	-.001281	-.002298	-.005243	.0037535	-.009534	.0006091
#3	-.002518	-.001240	-.002013	.002894	.0049543	-.013063	.0007923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	-.000078	-.007904	.0002999	.0000240	-.000269	-.002583
Stddev	.0000338	.000040	.005058	.0003777	.0000671	.000134	.002023
%RSD	90.97830	51.80966	64.00075	125.9427	279.1363	49.71232	78.33367

#1	.0000735	-.000048	-.012984	.0004435	-.000028	-.000401	-.004545
#2	.0000067	-.000062	-.002867	.0005846	.000000	-.000272	-.002701
#3	.0000313	-.000123	-.007860	-.000129	.000100	-.000134	-.000503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001894	.0070615	.0001989	-.000134	-.155491	-.000303	-.000572
Stddev	.000573	.0035768	.0002617	.000215	.009893	.000898	.000255
%RSD	30.23799	50.65259	131.5380	159.8722	6.362569	296.1027	44.47463

#1	-.001933	.0072319	-.000101	.000098	-.150602	-.001294	-.000818
#2	-.001303	.0034025	.000383	-.000325	-.148994	-.000072	-.000310
#3	-.002446	.0105501	.000314	-.000176	-.166877	.000457	-.000589

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.176896	-.000117	-.000164	-.001465	-.000200	-.009141	.0012117
Stddev	.017303	.000222	.000031	.000466	.000490	.009498	.0005138
%RSD	9.781330	189.2429	18.87057	31.80203	244.8222	103.9058	42.40129

#1	-.194904	.000136	-.000187	-.001060	-.000090	-.019141	.0006187
#2	-.175386	-.000281	-.000177	-.001974	.000226	-.008040	.0015247
#3	-.160398	-.000207	-.000129	-.001360	-.000736	-.000241	.0014915

Sample Name: PBS07 Acquired: 4/17/2025 16:01:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MDL STUDY Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002356	-.002573	-.000101
Stddev	.003693	.001816	.000069
%RSD	156.7619	70.59880	68.55592

#1	-.004955	-.004467	-.000121
#2	-.003983	-.000847	-.000024
#3	.001871	-.002404	-.000159

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2698.638	62213.95	12487.37	1769.121	4386.983
Stddev	13.407	876.74	30.16	20.114	22.920
%RSD	.4968177	1.409232	.2414910	1.136948	.5224586

#1	2703.785	62906.63	12452.63	1787.530	4397.570
#2	2683.420	61228.22	12506.77	1747.653	4360.683
#3	2708.709	62507.00	12502.70	1772.182	4402.697

Sample Name: PBW06 Acquired: 4/17/2025 16:05:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002893	-.000026	-.000525	.0003328	.0013646	-.001280	.0012257
Stddev	.001396	.001082	.000640	.0042575	.0024176	.005575	.0002294
%RSD	48.23851	4090.160	121.7200	1279.316	177.1677	435.6667	18.71634

#1	-.004454	.000155	.000175	-.002079	.0004236	-.001554	.0014727
#2	-.002459	.000954	-.001078	-.002171	.0041112	-.006712	.0011850
#3	-.001766	-.001188	-.000673	.005249	-.000441	.004427	.0010194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000364	-.000077	-.004413	-.000114	-.000113	.0000515	-.002733
Stddev	.0000476	.000059	.001999	.000431	.000372	.0001313	.003662
%RSD	130.8818	76.96399	45.30612	379.3193	327.4760	255.1996	133.9641

#1	.0000195	-.000079	-.006560	.000046	.000159	.0000909	.000165
#2	.0000901	-.000017	-.002605	-.000602	-.000537	-.000095	-.001517
#3	-.000000	-.000135	-.004072	.000215	.000038	.000159	-.006849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002146	-.011238	.0001801	-.000271	-.166864	-.000681	-.000140
Stddev	.000139	.015242	.0001791	.000274	.011273	.002025	.000252
%RSD	6.469553	135.6283	99.44114	101.0859	6.755856	297.3620	180.1056

#1	-.002253	.003195	.0003869	.000033	-.161526	-.000797	-.000321
#2	-.001989	-.009732	.0000771	-.000498	-.179814	.001400	-.000247
#3	-.002197	-.027177	.0000763	-.000348	-.159251	-.002645	.000148

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.155274	-.000063	-.000051	-.000855	-.000639	-.003213	-.000564
Stddev	.038443	.000549	.000195	.000859	.000433	.005263	.001481
%RSD	24.75797	873.1407	382.4089	100.5075	67.77987	163.7887	262.3949

#1	-.157719	-.000475	-.000253	-.000210	-.001138	.000951	-.000973
#2	-.192436	.000560	-.000036	-.000524	-.000401	-.001462	.001078
#3	-.115667	-.000273	.000136	-.001831	-.000377	-.009128	-.001798

Sample Name: PBW06 Acquired: 4/17/2025 16:05:44 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001757	-.002627	-.000067
Stddev	.002162	.001169	.000062
%RSD	123.0339	44.48913	92.75448

#1	-.000208	-.003946	-.000139
#2	-.000836	-.002213	-.000036
#3	-.004227	-.001722	-.000026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.032	62575.93	12242.77	1773.305	4346.662
Stddev	5.369	202.04	79.05	5.781	6.696
%RSD	.2001123	.3228725	.6457149	.3260160	.1540466

#1	2684.860	62598.51	12199.99	1768.486	4346.040
#2	2676.988	62363.55	12194.33	1771.714	4340.299
#3	2687.249	62765.73	12333.99	1779.715	4353.647

Sample Name: LCSW06 Acquired: 4/17/2025 16:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7764015	2.031795	.9559052	2.004461	.8228933	1.809321
Stddev	.0019297	.006324	.0034203	.006440	.0000453	.008475
%RSD	.2485462	.3112416	.3578086	.3212958	.0055060	.4684124

#1	.7786295	2.029726	.9579542	1.998387	.8228420	1.803992
#2	.7752586	2.026764	.9519567	2.011214	.8229281	1.804877
#3	.7753164	2.038894	.9578046	2.003783	.8229097	1.819094

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1815799	.1923175	.1922972	.9308807	.3850433	.1852404
Stddev	.0005386	.0005923	.0005093	.0047337	.0003055	.0002548
%RSD	.2966258	.3079730	.2648594	.5085198	.0793390	.1375589

#1	.1818507	.1929952	.1926000	.9362748	.3853017	.1855087
#2	.1819293	.1918990	.1917092	.9274183	.3851221	.1852109
#3	.1809596	.1920582	.1925824	.9289491	.3847061	.1850017

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2958347	2.834080	.1858262	1.822661	.4675642	.0720322
Stddev	.0003179	.028971	.0016932	.020007	.0008003	.0006589
%RSD	.1074545	1.022243	.9111616	1.097690	.1711556	.9147526

#1	.2961247	2.802043	.1876112	1.835703	.4682443	.0724729
#2	.2954948	2.858439	.1842429	1.832654	.4666824	.0723491
#3	.2958846	2.841759	.1856245	1.799626	.4677658	.0712747

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.489430	.2748469	.1965817	8.868423	.2875398	.4099781
Stddev	.014905	.0023714	.0013886	.036090	.0015772	.0008114
%RSD	.5987428	.8627922	.7063711	.4069528	.5485163	.1979130

#1	2.477043	.2724631	.1965797	8.827546	.2892783	.4109122
#2	2.505972	.2748720	.1979712	8.895884	.2871403	.4095739
#3	2.485274	.2772057	.1951941	8.881840	.2862007	.4094482

Sample Name: LCSW06 Acquired: 4/17/2025 16:10:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6907592	.1948765	F .6484121	5.594016	F -.012373	.1922931
Stddev	.0021807	.0010591	.0027680	.026120	.003751	.0003714
%RSD	.3156933	.5434835	.4268840	.4669289	30.31496	.1931519
#1	.6921836	.1942808	.6454319	5.596110	-.008493	.1920851
#2	.6882487	.1942493	.6509024	5.566912	-.012645	.1927219
#3	.6918451	.1960993	.6489019	5.619026	-.015979	.1920723

Elem	Sr4077
Units	ppm
Avg	.1879654
Stddev	.0004104
%RSD	.2183148
#1	.1878391
#2	.1876331
#3	.1884241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.647	62862.95	12039.81	1784.757	4253.990
Stddev	4.003	29.90	55.35	3.100	8.867
%RSD	.1498750	.0475671	.4597198	.1736991	.2084513
#1	2666.106	62891.16	11980.63	1788.211	4247.112
#2	2672.174	62866.09	12090.30	1782.214	4263.998
#3	2673.661	62831.60	12048.48	1783.847	4250.859

Sample Name: PBS06 Acquired: 4/17/2025 16:14:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001481	-.000313	-.001431	.0033239	.0012850	-.003198	.0009866
Stddev	.001307	.000350	.001547	.0051915	.0028339	.000751	.0009664
%RSD	88.27842	111.9234	108.1441	156.1885	220.5471	23.49738	97.94380

#1	-.000941	-.000561	.000204	-.002442	.0025240	-.003897	-.000082
#2	-.000530	-.000464	-.001624	.004786	-.001957	-.003294	.001798
#3	-.002972	.000087	-.002872	.007627	.003288	-.002403	.001244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000243	-.000024	-.007767	-.000038	-.000244	-.000357	-.007172
Stddev	.0000343	.000078	.002944	.000285	.000200	.000369	.002686
%RSD	141.4157	328.8479	37.90395	745.5975	82.19687	103.3246	37.45681

#1	-.000010	.000061	-.004914	.000020	-.000288	-.000774	-.008984
#2	.000025	-.000094	-.010794	.000213	-.000419	-.000074	-.008445
#3	.000058	-.000038	-.007592	-.000347	-.000025	-.000223	-.004085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002660	.0038457	-.000119	-.000313	-.156678	-.000261	-.000577
Stddev	.000175	.0153408	.000124	.000266	.023461	.000595	.000501
%RSD	6.583292	398.9057	104.9597	85.07327	14.97418	227.9796	86.86512

#1	-.002726	-.009728	-.000095	-.000620	-.179716	-.000049	-.000382
#2	-.002462	.000776	-.000007	-.000155	-.132815	-.000933	-.000203
#3	-.002794	.020489	-.000253	-.000163	-.157504	.000199	-.001146

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.191686	-.000300	-.000043	-.000757	.0000858	-.002157	-.001232
Stddev	.025147	.000710	.000091	.000502	.0003354	.003535	.002481
%RSD	13.11873	236.8458	212.5161	66.30699	390.9877	163.8997	201.3846

#1	-.217904	.000520	-.000127	-.001018	.0001669	.001246	-.001999
#2	-.189385	-.000728	.000053	-.000178	-.000283	-.005810	.001542
#3	-.167768	-.000690	-.000053	-.001075	.000373	-.001906	-.003238

Sample Name: PBS06 Acquired: 4/17/2025 16:14:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004550	-.001668	-.000084
Stddev	.003133	.000436	.000064
%RSD	68.84284	26.14856	75.99223

#1	-.002145	-.001423	-.000121
#2	-.008093	-.002172	-.000010
#3	-.003413	-.001410	-.000120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.718	62707.62	12325.33	1777.575	4296.346
Stddev	4.564	269.81	38.03	12.487	9.810
%RSD	.1719188	.4302626	.3085461	.7024592	.2283332

#1	2650.859	62414.72	12344.28	1765.112	4305.476
#2	2653.540	62762.12	12350.15	1777.527	4297.587
#3	2659.755	62946.01	12281.55	1790.085	4285.974

Sample Name: LCSS06 Acquired: 4/17/2025 16:18:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7999044	2.090508	.9838439	2.069250	.8253923	1.875381
Stddev	.0061225	.017563	.0056668	.013290	.0040210	.012988
%RSD	.7654021	.8401434	.5759818	.6422562	.4871644	.6925516

#1	.7928526	2.070432	.9773099	2.055320	.8209200	1.890089
#2	.8029954	2.098059	.9874140	2.081790	.8265477	1.865488
#3	.8038652	2.103032	.9868079	2.070639	.8287091	1.870566

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1839542	.2061579	.1980839	.9594828	.3965014	.1905113
Stddev	.0020424	.0011587	.0006168	.0043839	.0012061	.0003566
%RSD	1.110251	.5620239	.3113861	.4569028	.3041918	.1871586

#1	.1861331	.2074475	.1974394	.9590908	.3974872	.1901592
#2	.1836461	.2058217	.1986686	.9553080	.3968605	.1905025
#3	.1820834	.2052045	.1981437	.9640495	.3951565	.1908722

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3037889	2.803485	.1893758	1.885704	.4809455	.0744219
Stddev	.0012540	.013708	.0017556	.006893	.0020615	.0003735
%RSD	.4127995	.4889600	.9270290	.3655176	.4286343	.5018299

#1	.3023900	2.815237	.1912405	1.892840	.4785653	.0740531
#2	.3048124	2.806791	.1891321	1.885188	.4821617	.0747999
#3	.3041642	2.788426	.1877549	1.879084	.4821095	.0744129

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.457979	.2827347	.2038506	8.779084	.3073062	.4104669
Stddev	.026263	.0016846	.0009454	.045282	.0002994	.0015964
%RSD	1.068465	.5958285	.4637614	.5157974	.0974157	.3889161

#1	2.484854	.2843603	.2048360	8.829310	.3071912	.4086423
#2	2.432375	.2828471	.2029511	8.766561	.3070814	.4116060
#3	2.456708	.2809967	.2037648	8.741382	.3076460	.4111525

Sample Name: LCSS06 Acquired: 4/17/2025 16:18:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6950430	.1940884	F .6391123	5.812021	F -.017076	.2003253
Stddev	.0010087	.0015546	.0110379	.027171	.003284	.0014051
%RSD	.1451204	.8009945	1.727070	.4674924	19.22970	.7014098

#1	.6942880	.1958477	.6273791	5.783352	-.020868	.2019342
#2	.6961885	.1935177	.6492900	5.837393	-.015132	.1997028
#3	.6946525	.1928998	.6406677	5.815318	-.015229	.1993391

Elem	Sr4077
Units	ppm
Avg	.1904678
Stddev	.0017055
%RSD	.8954538

#1	.1920878
#2	.1906277
#3	.1886880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.190	61898.38	11454.63	1750.822	4203.326
Stddev	9.728	158.26	48.78	2.505	8.282
%RSD	.3673523	.2556804	.4258701	.1430753	.1970359

#1	2654.464	61944.08	11407.02	1747.948	4207.819
#2	2636.983	61722.30	11452.36	1752.541	4193.768
#3	2653.121	62028.76	11504.50	1751.977	4208.390

Sample Name: CCV02 Acquired: 4/17/2025 16:22:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001950	5.188621	4.998709	5.050994	5.030495	9.922371	9.843568
Stddev	.030475	.061456	.008619	.027045	.020925	.103700	.044971
%RSD	.6092688	1.184434	.1724303	.5354403	.4159665	1.045112	.4568616

#1	4.971220	5.117673	5.004216	5.022979	5.010918	9.926082	9.862847
#2	5.002464	5.225378	4.988776	5.053050	5.028019	9.816865	9.792171
#3	5.032165	5.222811	5.003136	5.076952	5.052548	10.02417	9.875685

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2584250	2.483394	24.74851	1.014891	2.481240	1.257248	4.951875
Stddev	.0027427	.003265	.30430	.004166	.004588	.002037	.026098
%RSD	1.061314	.1314641	1.229567	.4105327	.1849060	.1619808	.5270234

#1	.2582913	2.482861	24.67556	1.018083	2.478301	1.257570	4.949408
#2	.2557515	2.480428	24.48731	1.010178	2.478893	1.255069	4.927098
#3	.2612320	2.486892	25.08265	1.016412	2.486527	1.259104	4.979118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.471129	24.79027	2.485974	1.265831	24.49414	2.471759	2.530841
Stddev	.023325	.25341	.005342	.002404	.08869	.024898	.007274
%RSD	.9439179	1.022225	.2148875	.1898804	.3620782	1.007317	.2874183

#1	2.467654	24.82595	2.483641	1.267199	24.51264	2.473622	2.539086
#2	2.449736	24.52091	2.482195	1.263056	24.39767	2.445982	2.525332
#3	2.495997	25.02395	2.492085	1.267239	24.57213	2.495674	2.528105

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.44577	5.144744	5.044844	5.008475	4.937540	4.861085	5.037297
Stddev	.05967	.051692	.012983	.016118	.058293	.029140	.008330
%RSD	.2440986	1.004747	.2573522	.3218131	1.180600	.5994629	.1653634

#1	24.47124	5.154514	5.034837	4.999193	4.927730	4.838312	5.029350
#2	24.37758	5.088864	5.040181	4.999146	4.884774	4.851019	5.036579
#3	24.48847	5.190853	5.059514	5.027086	5.000115	4.893924	5.045963

Sample Name: CCV02 Acquired: 4/17/2025 16:22:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	4.968645	4.945009	4.933029
Stddev	.019929	.062426	.018092
%RSD	.4010916	1.262410	.3667465

#1	4.950563	4.928615	4.945024
#2	4.965360	4.892416	4.912220
#3	4.990013	5.013997	4.941844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.064	59922.77	11318.86	1685.538	3901.717
Stddev	5.934	171.99	105.69	4.470	6.096
%RSD	.2306145	.2870246	.9337365	.2651844	.1562271

#1	2571.570	59750.69	11308.21	1680.795	3896.459
#2	2579.603	60094.68	11429.48	1686.147	3908.398
#3	2568.021	59922.94	11218.91	1689.672	3900.294

Sample Name: CCB02 Acquired: 4/17/2025 16:26:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.000320	-.000705	.0003304	.0032094	.0023854	.0003986	.0009669
Stddev	.002126	.001258	.0014896	.0002217	.0009573	.0012879	.0013489
%RSD	665.0434	178.3823	450.8635	6.907588	40.13001	323.1163	139.5111

#1	.000979	-.001988	.0003997	.0029549	.0024806	.0006165	.0009442
#2	.000834	-.000654	.0017842	.0033128	.0032916	-.000984	.0023269
#3	-.002773	.000526	-.001193	.0033605	.0013841	.001564	-.000371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000468	.0002268	-.008757	.0001568	.0002557	-.000041	-.003817
Stddev	.0000467	.0000415	.003968	.0001771	.0003371	.000271	.005229
%RSD	99.79680	18.27712	45.30895	112.9551	131.8512	657.8525	137.0098

#1	-.000007	.0001791	-.013319	.0000203	-.000085	.000221	.000406
#2	.000078	.0002538	-.006835	.0003570	.000264	-.000320	-.002190
#3	.000070	.0002476	-.006116	.0000932	.000589	-.000024	-.009666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001581	.0033676	.0004031	-.000142	-.140097	.0014566	-.000277
Stddev	.000375	.0027869	.0003447	.000035	.001905	.0007522	.000390
%RSD	23.69579	82.75574	85.51013	24.33272	1.359936	51.64140	140.7387

#1	-.001155	.0063396	.0000386	-.000181	-.138604	.0021175	-.000051
#2	-.001860	.0008128	.0004470	-.000118	-.142243	.0006380	-.000727
#3	-.001726	.0029504	.0007238	-.000127	-.139444	.0016144	-.000053

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201522	.0086893	.0009107	-.000270	.0005886	-.005872	.0003839
Stddev	.024729	.0003286	.0002472	.000191	.0003003	.001539	.0025266
%RSD	12.27125	3.781771	27.14273	70.81357	51.01904	26.20825	658.1835

#1	-.228624	.0090687	.0006863	-.000164	.0006174	-.005742	.0018249
#2	-.195760	.0085025	.0008703	-.000155	.0002750	-.007472	.0018602
#3	-.180183	.0084966	.0011757	-.000490	.0008735	-.004403	-.002533

Sample Name: CCB02 Acquired: 4/17/2025 16:26:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.001459	-.001333	.0002678
Stddev	.002530	.000277	.0000457
%RSD	173.3693	20.79147	17.05821

#1	-.002356	-.001629	.0002497
#2	-.003419	-.001079	.0003197
#3	.001397	-.001291	.0002339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.235	62650.94	12246.69	1739.638	4383.112
Stddev	7.012	233.89	30.21	6.879	8.127
%RSD	.2616168	.3733279	.2466817	.3954053	.1854083

#1	2686.083	62611.78	12215.52	1737.786	4384.072
#2	2682.160	62901.95	12275.84	1747.253	4390.716
#3	2672.461	62439.10	12248.72	1733.875	4374.547

Sample Name: Q1791-05 Acquired: 4/17/2025 17:08:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.0961082	-.000003	.0655320	-.029511	-.002168	26.20155
Stddev	.0022047	.000620	.0005818	.003259	.001247	.15690
%RSD	2.293994	20323.32	.8877379	11.04198	57.53659	.5988043

#1	.0937491	.000626	.0656114	-.028097	-.003588	26.38010
#2	.0981164	-.000614	.0660699	-.027198	-.001665	26.13883
#3	.0964590	-.000022	.0649146	-.033237	-.001251	26.08571

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3069755	.0048093	-.002972	37.10538	.1488248	.0481839
Stddev	.0014671	.0000447	.000553	.22231	.0027902	.0001520
%RSD	.4779197	.9284296	18.60538	.5991340	1.874824	.3154538

#1	.3086556	.0047711	-.002485	37.34875	.1457296	.0483171
#2	.3063233	.0047983	-.002860	37.05441	.1495980	.0480183
#3	.3059476	.0048584	-.003573	36.91299	.1511470	.0482162

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0410389	134.7212	1.886972	9.319204	.0777624	.0034021
Stddev	.0011016	2.3799	.006178	.068606	.0001724	.0002037
%RSD	2.684344	1.766510	.3274057	.7361830	.2216565	5.986437

#1	.0421383	132.3910	1.893894	9.389070	.0779108	.0035727
#2	.0410433	134.6249	1.882016	9.316611	.0778029	.0031766
#3	.0399351	137.1478	1.885006	9.251931	.0775733	.0034569

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.846138	.2477989	.3152350	7.132173	.2227342	.0038568
Stddev	.082937	.0021168	.0068427	.111330	.0060841	.0002827
%RSD	1.418661	.8542485	2.170658	1.560958	2.731552	7.329944

#1	5.765352	.2502086	.3079969	7.019201	.2165278	.0036092
#2	5.841992	.2462392	.3161102	7.135532	.2229867	.0037964
#3	5.931070	.2469490	.3215980	7.241786	.2286882	.0041648

Sample Name: Q1791-05 Acquired: 4/17/2025 17:08:15 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.0036660	1.102019	5.256249	3.865386	F 37.03225	.0890311
Stddev	.0004286	.014702	.094836	.008092	.12117	.0007488
%RSD	11.69146	1.334067	1.804254	.2093348	.3271927	.8410468
#1	.0037362	1.118860	5.199496	3.874374	37.08362	.0884461
#2	.0040552	1.091749	5.203519	3.863103	37.11926	.0887721
#3	.0032067	1.095447	5.365732	3.858682	36.89385	.0898750

Elem	Sr4077
Units	ppm
Avg	.3922597
Stddev	.0029947
%RSD	.7634494
#1	.3955142
#2	.3916447
#3	.3896202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.733	67444.03	13436.38	1829.756	3985.294
Stddev	8.443	1188.55	66.67	35.047	10.659
%RSD	.3106606	1.762270	.4962160	1.915391	.2674674
#1	2717.883	68663.32	13367.70	1865.508	3981.811
#2	2709.217	67379.96	13440.60	1828.301	3976.811
#3	2726.101	66288.82	13500.84	1795.460	3997.259

Sample Name: CCV03 Acquired: 4/17/2025 17:12:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	4.948745	5.054199	4.949004	4.990147	4.963759	9.855707	9.870163
Stddev	.016545	.014236	.017147	.029316	.013839	.079341	.118540
%RSD	.3343351	.2816752	.3464678	.5874752	.2787933	.8050256	1.200992

#1	4.967710	5.058618	4.967887	5.023961	4.978883	9.946824	10.00149
#2	4.937263	5.038277	4.944716	4.974611	4.951729	9.818417	9.77107
#3	4.941261	5.065702	4.934408	4.971869	4.960667	9.801881	9.83793

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2536547	2.455372	24.64755	1.013051	2.457997	1.242498	4.976341
Stddev	.0019300	.010652	.16931	.005390	.009518	.005300	.020681
%RSD	.7608861	.4338044	.6869157	.5320964	.3872167	.4265605	.4155876

#1	.2546091	2.467473	24.84279	1.009643	2.468731	1.248573	4.978832
#2	.2549216	2.451222	24.54126	1.019265	2.454672	1.240099	4.954527
#3	.2514334	2.447419	24.55858	1.010244	2.450588	1.238822	4.995663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.454872	24.60632	2.463376	1.256132	24.60749	2.461719	2.510439
Stddev	.016565	.19304	.010884	.002018	.11412	.021610	.008948
%RSD	.6747916	.7845277	.4418318	.1606156	.4637566	.8778337	.3564168

#1	2.473923	24.81588	2.475378	1.256500	24.72426	2.486104	2.500127
#2	2.446832	24.43574	2.460607	1.253955	24.49622	2.444942	2.516143
#3	2.443861	24.56735	2.454145	1.257940	24.60199	2.454113	2.515048

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.57624	5.051768	4.983320	4.940781	4.911082	4.971621	4.866489
Stddev	.12750	.025346	.016302	.018842	.042458	.030015	.027940
%RSD	.5187963	.5017230	.3271323	.3813542	.8645385	.6037280	.5741309

#1	24.67755	5.068511	5.002093	4.961833	4.959262	4.979287	4.898622
#2	24.43307	5.064186	4.972734	4.935010	4.894849	4.938516	4.852923
#3	24.61809	5.022608	4.975134	4.925499	4.879136	4.997060	4.847923

Sample Name: CCV03 Acquired: 4/17/2025 17:12:25 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v9) 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	4.898113	4.884563	4.923537
Stddev	.016643	.050950	.067782
%RSD	.3397874	1.043081	1.376696

#1	4.916337	4.942330	5.001803
#2	4.894285	4.865332	4.884811
#3	4.883717	4.846028	4.883996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.166	60386.56	11584.12	1699.037	3935.320
Stddev	10.653	424.07	96.08	18.098	16.542
%RSD	.4112956	.7022573	.8294345	1.065217	.4203571

#1	2577.999	60191.71	11475.90	1694.893	3916.957
#2	2594.680	60873.04	11659.40	1718.849	3939.946
#3	2597.819	60094.94	11617.05	1683.371	3949.057

Sample Name: CCB03 Acquired: 4/17/2025 17:16:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	.0003484	-.000898	.0001246	.0030174	.0000252	-.000736	.0000308
Stddev	.0015893	.001347	.0000286	.0003326	.0019994	.003762	.0008737
%RSD	456.1355	149.8796	22.95013	11.02139	7945.255	511.3538	2832.761

#1	.0019616	-.002042	.0000935	.0033180	.0018416	.000226	.0005821
#2	.0002996	-.001239	.0001304	.0026602	-.002117	-.004885	-.000977
#3	-.001216	.000586	.0001498	.0030741	.000351	.002452	.000487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000523	.0000466	-.006696	-.000012	-.000010	-.000080	-.000807
Stddev	.0000428	.0000679	.005731	.000134	.000266	.000172	.003216
%RSD	81.82982	145.7270	85.57790	1156.533	2714.376	213.8534	398.4188

#1	.0000095	.0001139	-.011998	-.000073	-.000145	.000117	.000818
#2	.0000523	.0000477	-.000617	.000143	.000296	-.000193	.001272
#3	.0000950	-.000022	-.007474	-.000104	-.000181	-.000165	-.004512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001510	.0007100	.0004227	-.000243	-.154246	-.000878	-.000378
Stddev	.000254	.0033932	.0001982	.000399	.006192	.001037	.000114
%RSD	16.80845	477.8815	46.88668	164.1840	4.014508	118.1032	30.11280

#1	-.001217	.0045121	.0006295	-.000690	-.158734	-.002038	-.000322
#2	-.001647	-.000371	.0004044	-.000118	-.147181	-.000038	-.000509
#3	-.001667	-.002011	.0002343	.000079	-.156822	-.000559	-.000303

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.170850	.0106656	.0005225	-.000300	.0005619	-.002144	.0007042
Stddev	.029826	.0008404	.0002290	.000768	.0008682	.003455	.0016329
%RSD	17.45751	7.879876	43.82332	256.2427	154.5272	161.1183	231.8856

#1	-.187610	.0115553	.0003346	-.000515	.0015524	.001000	-.000888
#2	-.188525	.0105564	.0007775	-.000936	-.000067	-.001590	.000626
#3	-.136413	.0098851	.0004554	.000553	.000200	-.005842	.002375

Sample Name: CCB03 Acquired: 4/17/2025 17:16:36 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v9) 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	-.000902	-.001185	.0001984
Stddev	.002419	.000645	.0000325
%RSD	268.1568	54.38222	16.35364

#1	.001314	-.001019	.0001999
#2	-.000539	-.000641	.0001652
#3	-.003482	-.001897	.0002301

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2686.408	62977.53	12118.21	1794.686	4331.256
Stddev	3.506	130.00	29.90	1.875	9.942
%RSD	.1305053	.2064259	.2467527	.1044486	.2295467

#1	2682.805	63040.66	12084.93	1793.069	4333.748
#2	2686.610	62828.02	12142.82	1794.247	4320.304
#3	2689.808	63063.92	12126.88	1796.741	4339.714