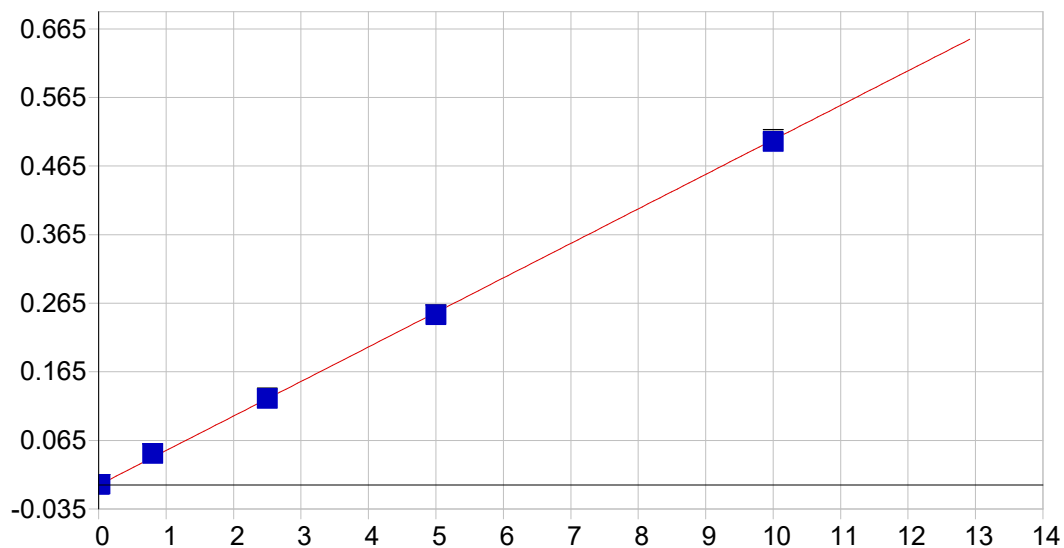


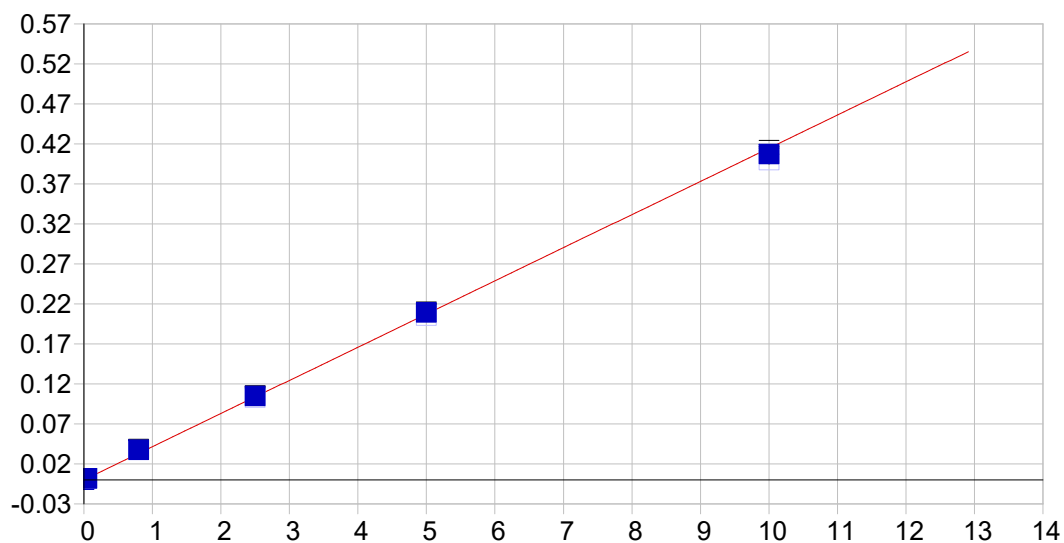


As 189.042 {479}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000141 Re-Slope: 1.000000
A1 (Gain): 0.050332 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999563 Status: OK.
Std Error of Est: 0.000035
Predicted MDL: 0.002895
Predicted MQL: 0.009651

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.02000	.02025	.000	1.23	.00087	.000	1
S3	2.5000	2.5094	.009	.374	.12602	.001	1
S4	5.0000	4.9310	-.069	-1.38	.24777	.000	1
S5	10.000	9.9509	-.049	-.491	.50016	.003	1
S2	.80000	.90858	.109	13.6	.04555	.000	1

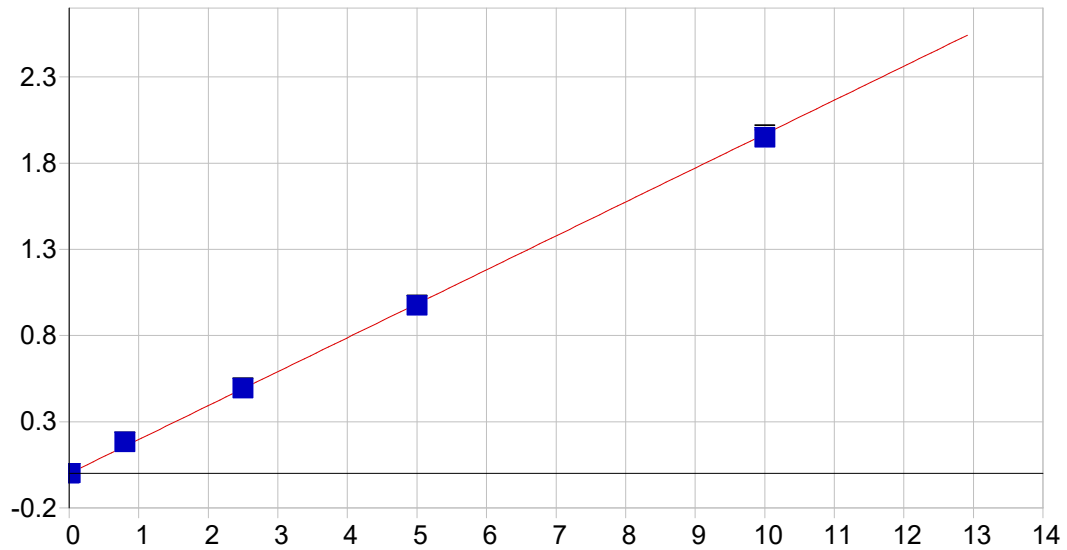


TI 190.856 {477}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.041456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999454 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.002393
 Predicted MQL: 0.007977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.04000	.03780	-.002	-5.49	.00150	.000	1
S3	2.5000	2.5286	.029	1.15	.10296	.000	1
S4	5.0000	5.0409	.041	.818	.20520	.001	1
S5	10.000	9.8217	-.178	-1.78	.39957	.005	1
S2	.80000	.91083	.111	13.9	.03718	.001	1

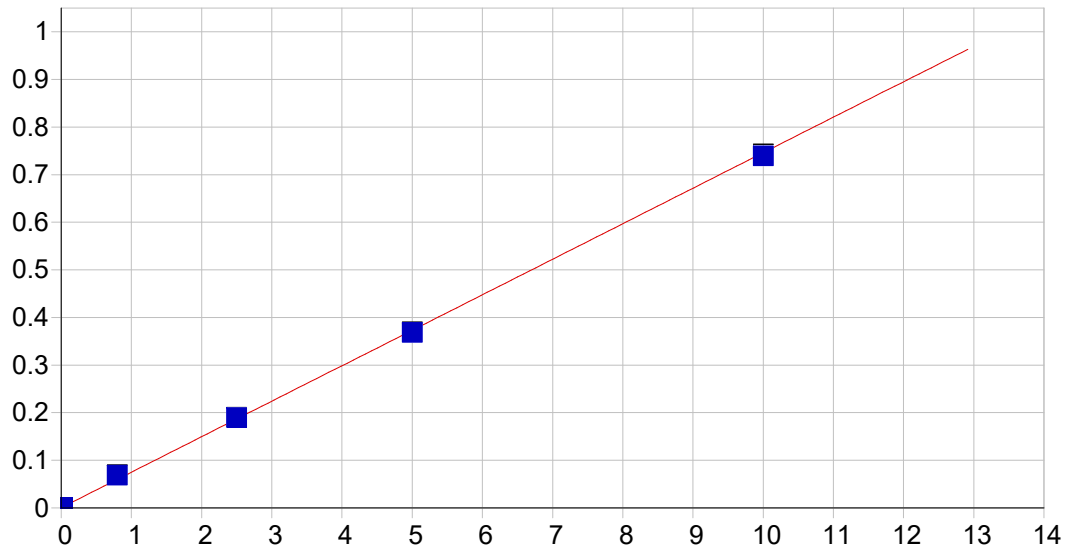


Pb 220.353 {453}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.196902 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999423 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.001232
 Predicted MQL: 0.004107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.01200	.01236	.000	3.02	.00210	.000	1
S3	2.5000	2.5142	.014	.567	.49422	.001	1
S4	5.0000	4.9538	-.046	-.925	.97404	.002	1
S5	10.000	9.9061	-.094	-.939	1.9481	.014	1
S2	.80000	.92559	.126	15.7	.18179	.001	1

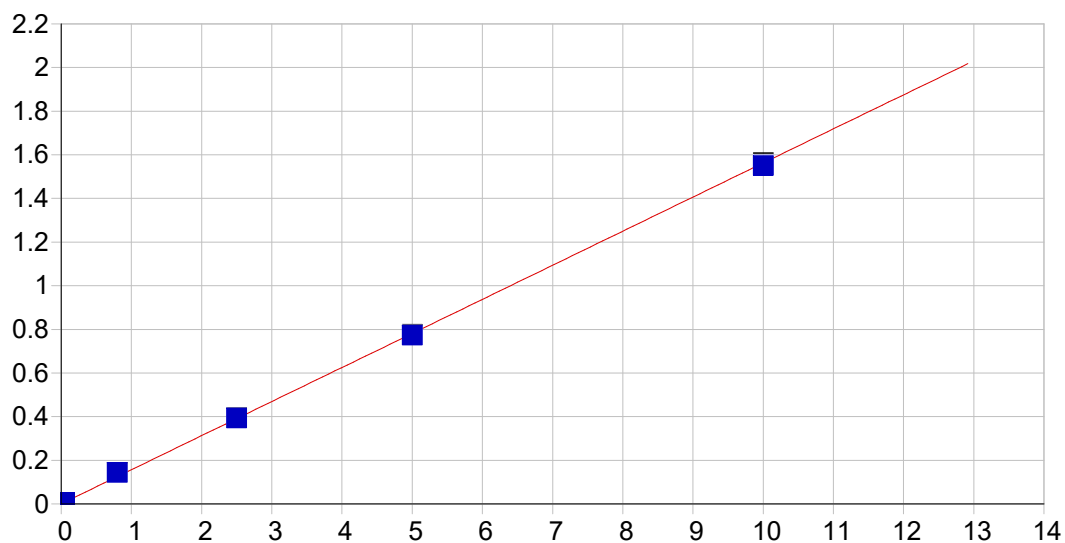


Se 196.090 {472}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000358 Re-Slope: 1.000000
 A1 (Gain): 0.074574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999453 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002581
 Predicted MQL: 0.008603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.02000	.01777	-.002	-11.2	.00168	.000	1
S3	2.5000	2.5385	.038	1.54	.18960	.000	1
S4	5.0000	4.9360	-.064	-1.28	.36832	.001	1
S5	10.000	9.9092	-.091	-.908	.73906	.004	1
S2	.80000	.91858	.119	14.8	.06884	.000	1

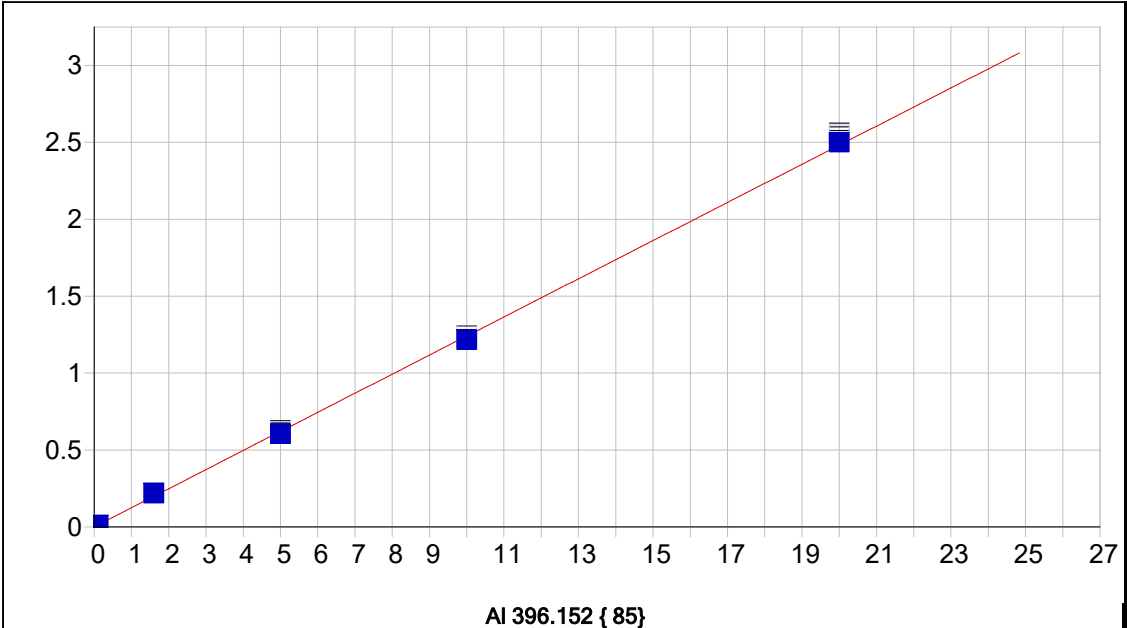


Sb 206.833 {463}

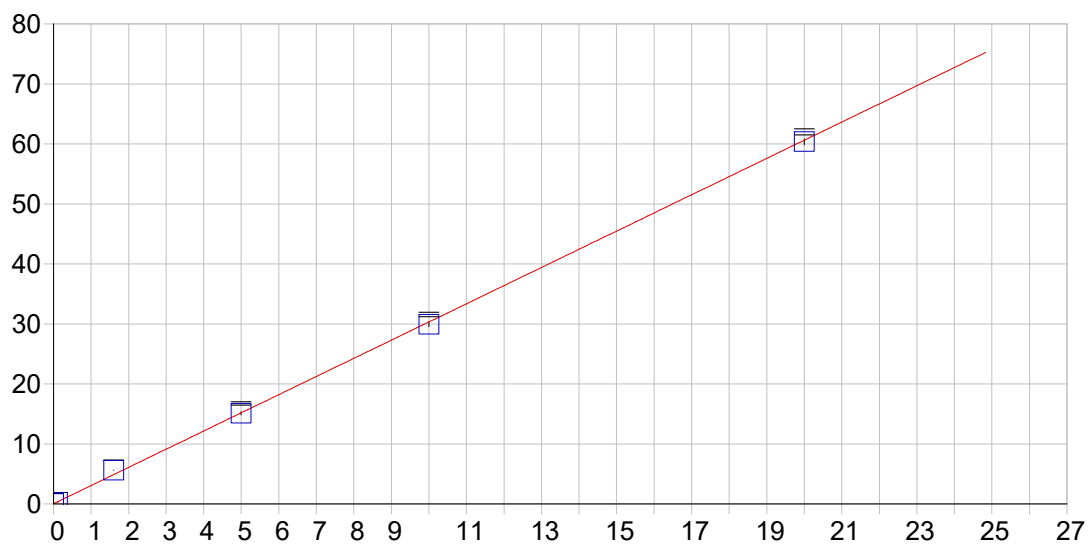
Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.156211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999510 Status: OK.
 Std Error of Est: 0.000182
 Predicted MDL: 0.001504
 Predicted MQL: 0.005014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00032	.000	1
S1	.05000	.05078	.001	1.57	.00827	.000	1
S3	2.5000	2.5151	.015	.603	.39427	.001	1
S4	5.0000	4.9452	-.055	-1.10	.77495	.002	1
S5	10.000	9.9229	-.077	-.771	1.5546	.009	1
S2	.80000	.91596	.116	14.5	.14375	.001	1



Date of Fit: 2/27/2025 15:00:26		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset):	0.000504	Re-Slope:		1.000000			
A1 (Gain):	0.124067	Y-int:		0.000000			
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999698	Status:		OK.			
Std Error of Est:	0.000231						
Predicted MDL:	0.005118						
Predicted MQL:	0.017060						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.10000	.09840	-.002	-1.60	.01368	.000	1
S3	5.0000	4.8797	-.120	-2.41	.61795	.009	1
S4	10.000	9.8114	-.189	-1.89	1.2418	.001	1
S5	20.000	20.153	.153	.767	2.5490	.012	1
S2	1.6000	1.7571	.157	9.82	.22236	.001	1

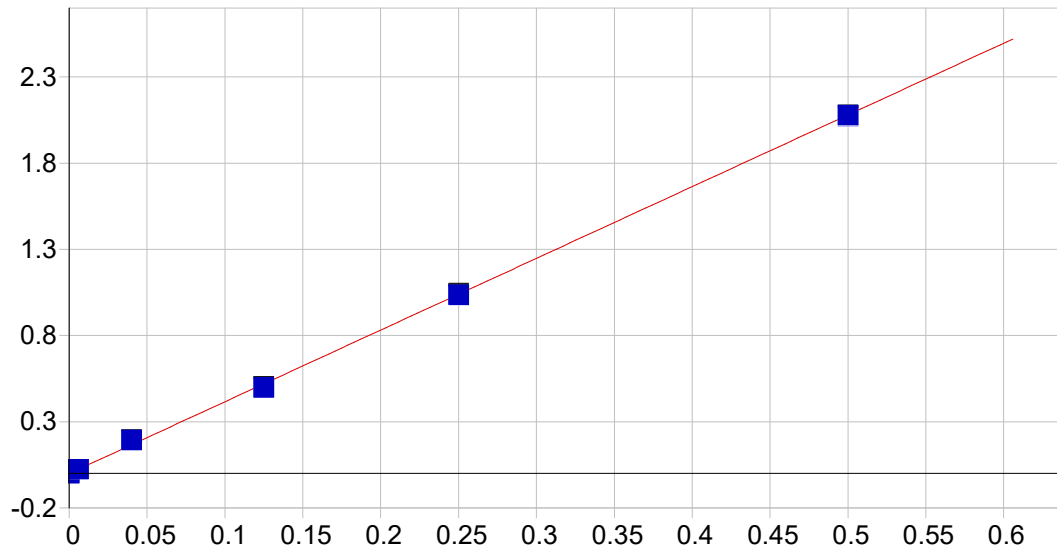


Ba 493.409 { 68}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033982 Re-Slope: 1.000000
 A1 (Gain): 3.028824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.007248
 Predicted MDL: 0.000591
 Predicted MQL: 0.001971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03394	.002	1
S1	.10000	.10160	.002	1.60	.34170	.003	1
S3	5.0000	4.9725	-.027	-.550	15.095	.268	1
S4	10.000	9.8713	-.129	-1.29	29.932	.369	1
S5	20.000	19.915	-.085	-.427	60.352	.522	1
S2	1.6000	1.8400	.240	15.0	5.6072	.026	1

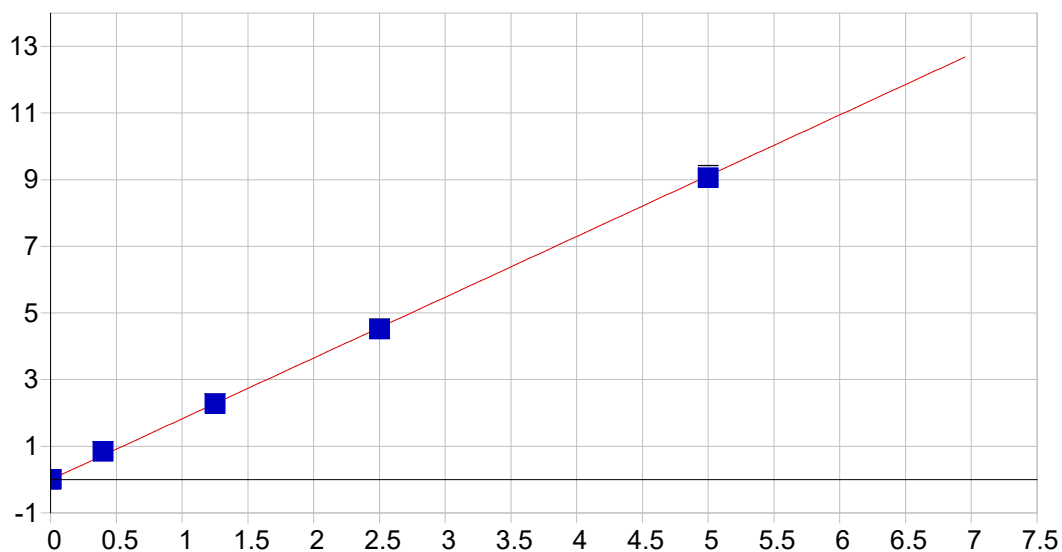


Be 234.861 {144}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000255	Re-Slope:	1.000000
A1 (Gain):	4.160458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999296	Status:	OK.
Std Error of Est:	0.000447		
Predicted MDL:	0.000055		
Predicted MQL:	0.000183		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.00600	.00611	.000	1.79	.02497	.000	1
S3	.12500	.11974	-.005	-4.20	.49561	.005	1
S4	.25000	.24921	-.001	-.317	1.0319	.009	1
S5	.50000	.49943	-.001	-.115	2.0683	.003	1
S2	.04000	.04651	.007	16.3	.19252	.000	1

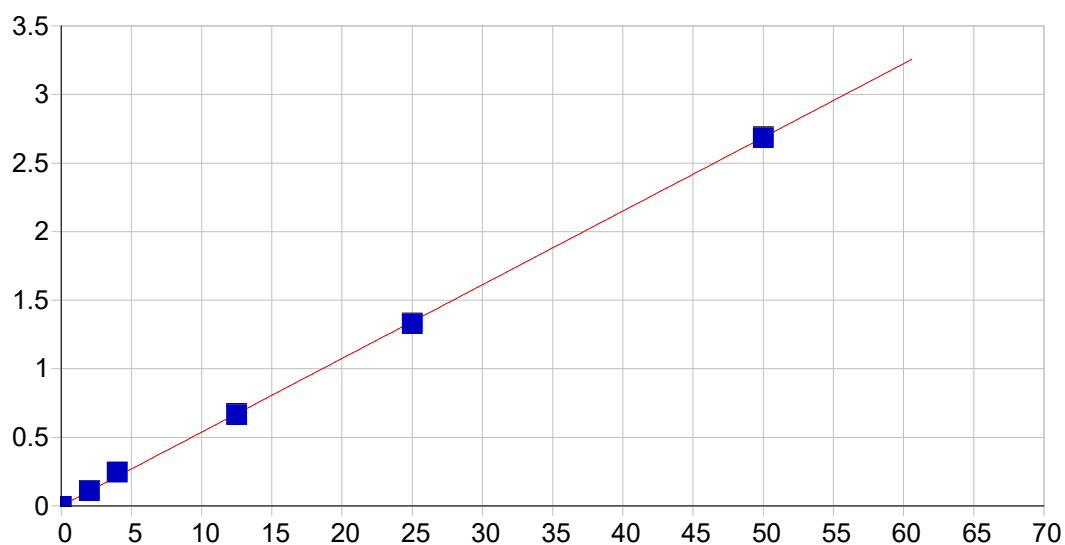


Cd 226.502 {449}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000134	Re-Slope:	1.000000
A1 (Gain):	1.824095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999458	Status:	OK.
Std Error of Est:	0.000546		
Predicted MDL:	0.000101		
Predicted MQL:	0.000336		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.00600	.00613	.000	2.08	.01110	.000	1
S3	1.2500	1.2478	-.002	-.179	2.2779	.003	1
S4	2.5000	2.4762	-.024	-.950	4.5208	.008	1
S5	5.0000	4.9643	-.036	-.713	9.0633	.069	1
S2	.40000	.46154	.062	15.4	.84240	.001	1

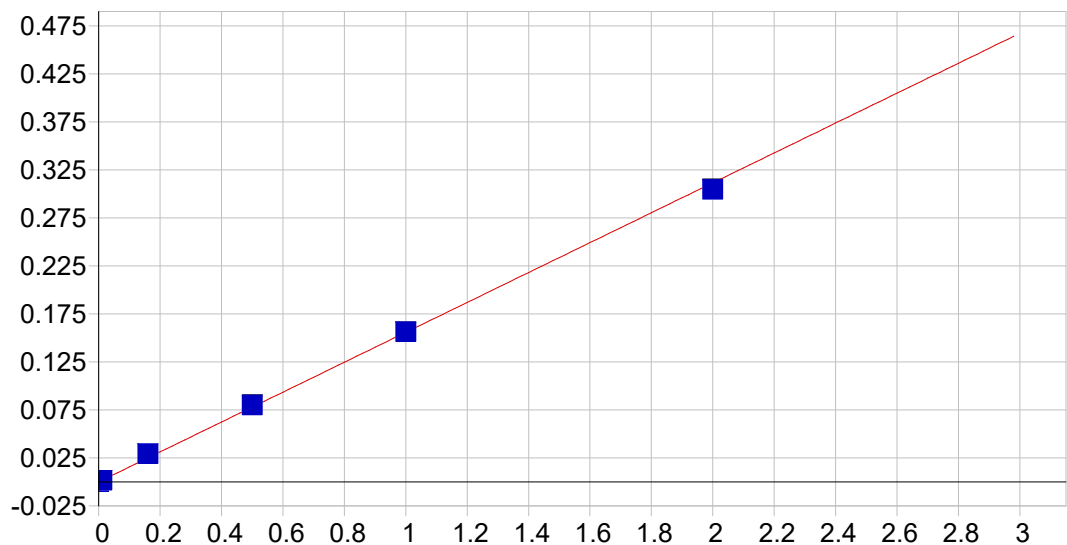


Ca 373.690 { 90}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000835 Re-Slope: 1.000000
 A1 (Gain): 0.053728 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.000847
 Predicted MDL: 0.009076
 Predicted MQL: 0.030253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	.00082	.000	1
S2	4.0000	4.5539	.554	13.8	.24551	.000	1
S3	12.500	12.342	-.158	-1.27	.66392	.009	1
S4	25.000	24.684	-.316	-1.27	1.3270	.004	1
S5	50.000	49.907	-.093	-.185	2.6823	.007	1
S1	2.0000	2.0135	.013	.674	.10902	.000	1

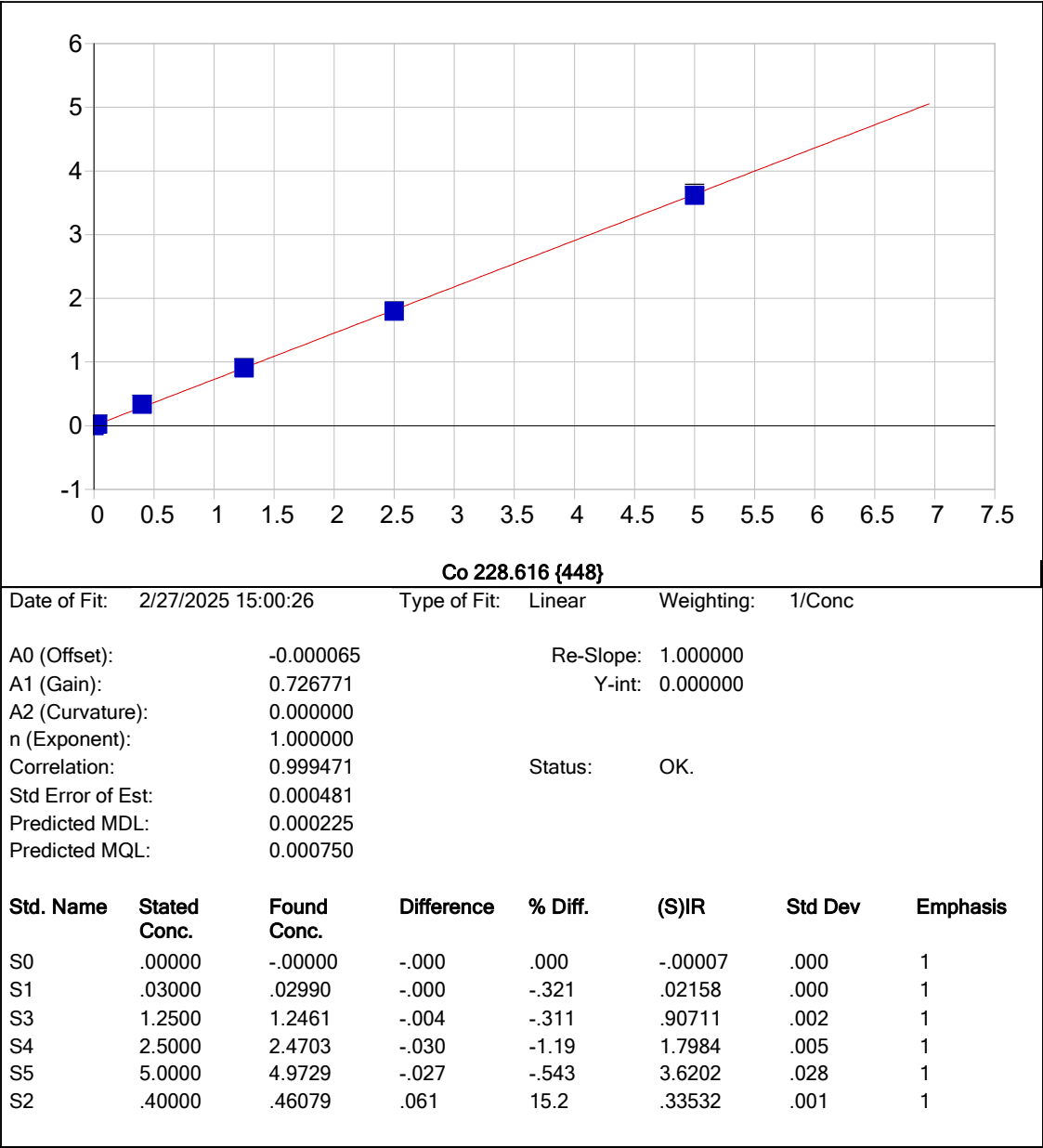


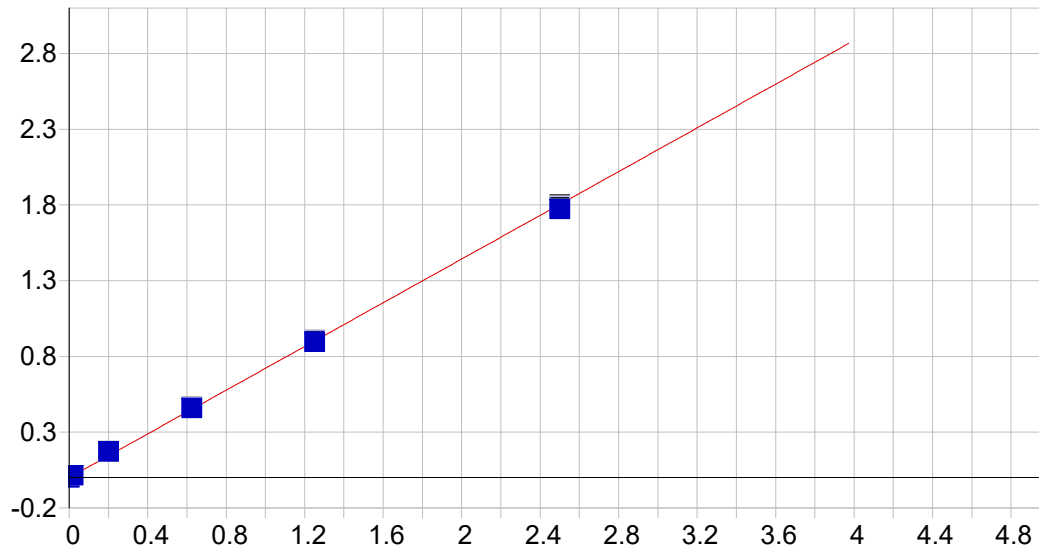
Cr 267.716 {126}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.155759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999089 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000466
 Predicted MQL: 0.001554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.00983	-.000	-1.69	.00155	.000	1
S3	.50000	.51279	.013	2.56	.07991	.000	1
S4	1.0000	1.0030	.003	.298	.15629	.001	1
S5	2.0000	1.9551	-.045	-2.24	.30464	.000	1
S2	.16000	.18926	.029	18.3	.02951	.000	1



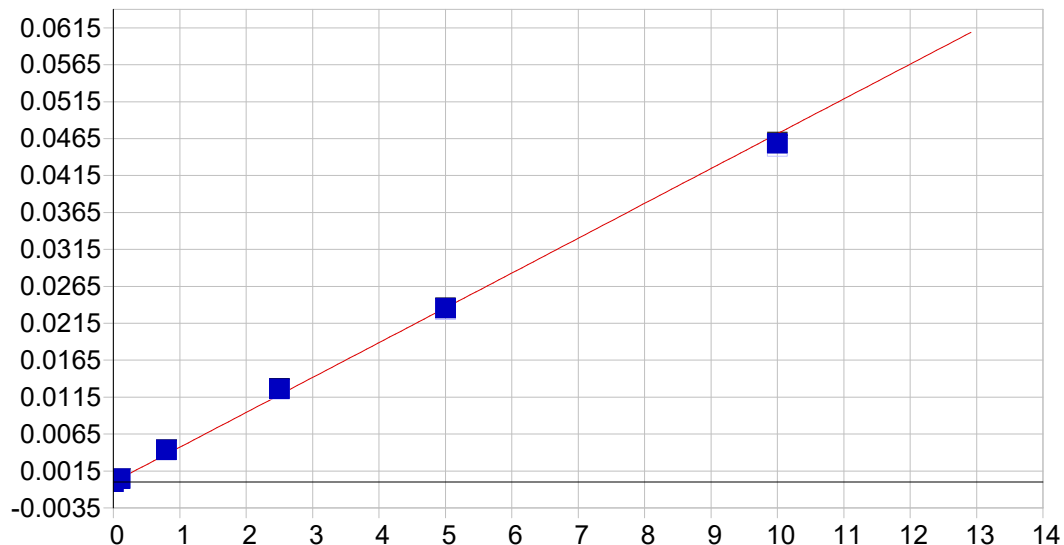


Cu 224.700 {450}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000176	Re-Slope:	1.000000
A1 (Gain):	0.721592	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999143	Status:	OK.
Std Error of Est:	0.000354		
Predicted MDL:	0.000426		
Predicted MQL:	0.001419		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00018	.000	1
S1	.02000	.02187	.002	9.33	.01580	.000	1
S3	.62500	.63717	.012	1.95	.46426	.001	1
S4	1.2500	1.2423	-.008	-.617	.90556	.002	1
S5	2.5000	2.4567	-.043	-1.73	1.7912	.010	1
S2	.20000	.23698	.037	18.5	.17232	.001	1

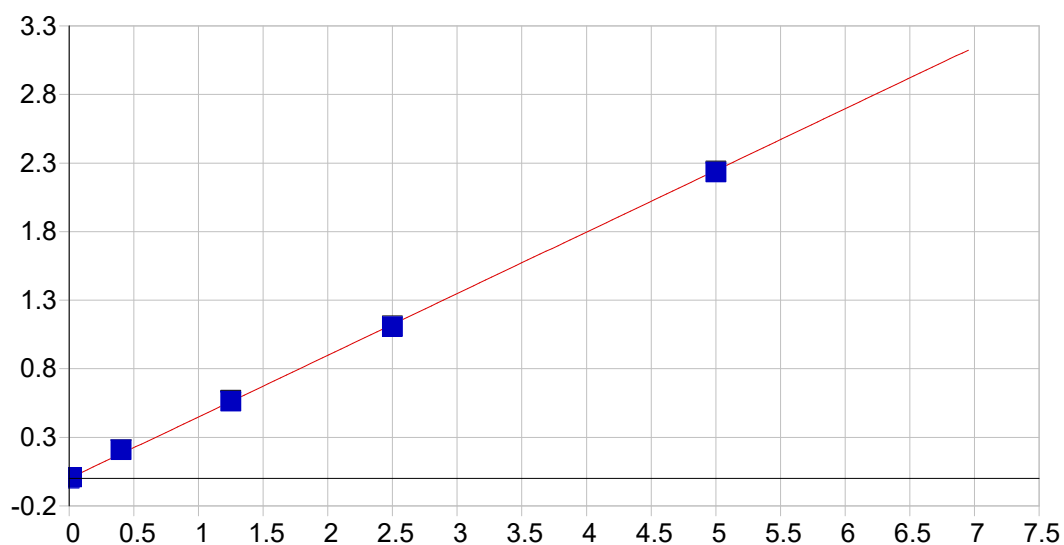


Fe 240.488 {140}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.004715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998905 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.005141
 Predicted MQL: 0.017138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00000	.000	1
S1	.10000	.09409	-.006	-5.91	.00044	.000	1
S3	2.5000	2.6743	.174	6.97	.01251	.000	1
S4	5.0000	4.9879	-.012	-.241	.02332	.000	1
S5	10.000	9.7195	-.281	-2.81	.04543	.000	1
S2	.80000	.92420	.124	15.5	.00433	.000	1

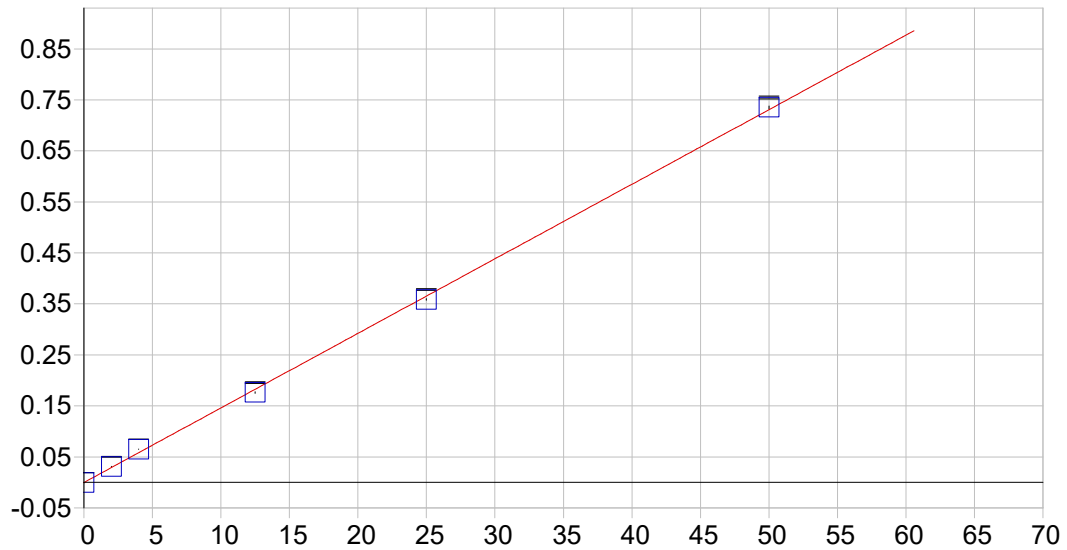


Mn 257.610 {131}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000094	Re-Slope:	1.000000
A1 (Gain):	0.449265	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999400	Status:	OK.
Std Error of Est:	0.000258		
Predicted MDL:	0.000407		
Predicted MQL:	0.001356		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02120	.001	6.02	.00944	.000	1
S3	1.2500	1.2509	.001	.074	.56202	.007	1
S4	2.5000	2.4634	-.037	-1.47	1.1068	.004	1
S5	5.0000	4.9705	-.029	-.590	2.2334	.007	1
S2	.40000	.46400	.064	16.0	.20840	.001	1

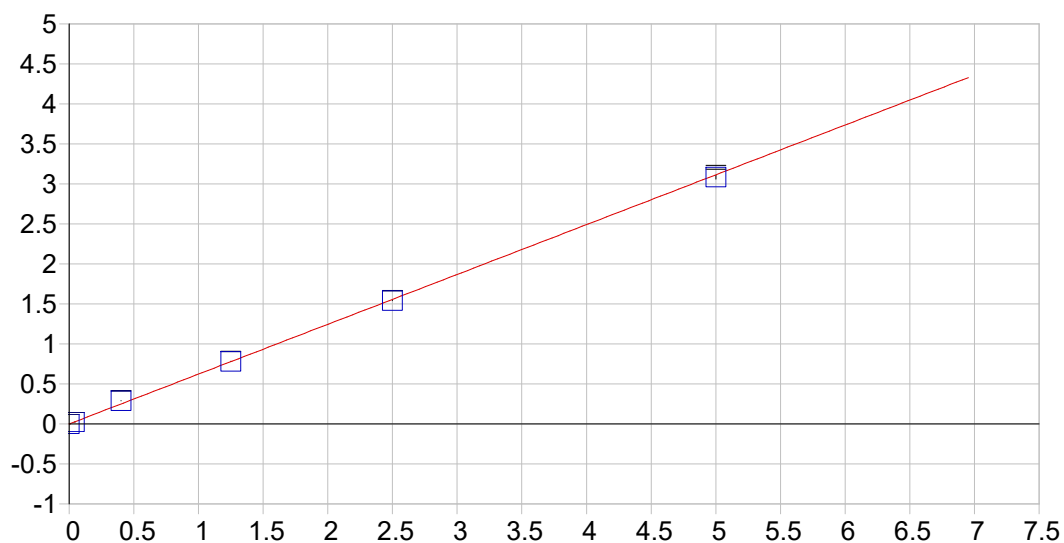


Mg 279.079 {121}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.014618 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999543 Status: OK.
 Std Error of Est: 0.000234
 Predicted MDL: 0.014252
 Predicted MQL: 0.047506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	-.000	.000	-.00017	.000	1
S2	4.0000	4.4564	.456	11.4	.06498	.000	1
S3	12.500	12.066	-.434	-3.47	.17622	.001	1
S4	25.000	24.538	-.462	-1.85	.35852	.002	1
S5	50.000	50.316	.316	.632	.73535	.003	1
S1	2.0000	2.1239	.124	6.19	.03088	.000	1

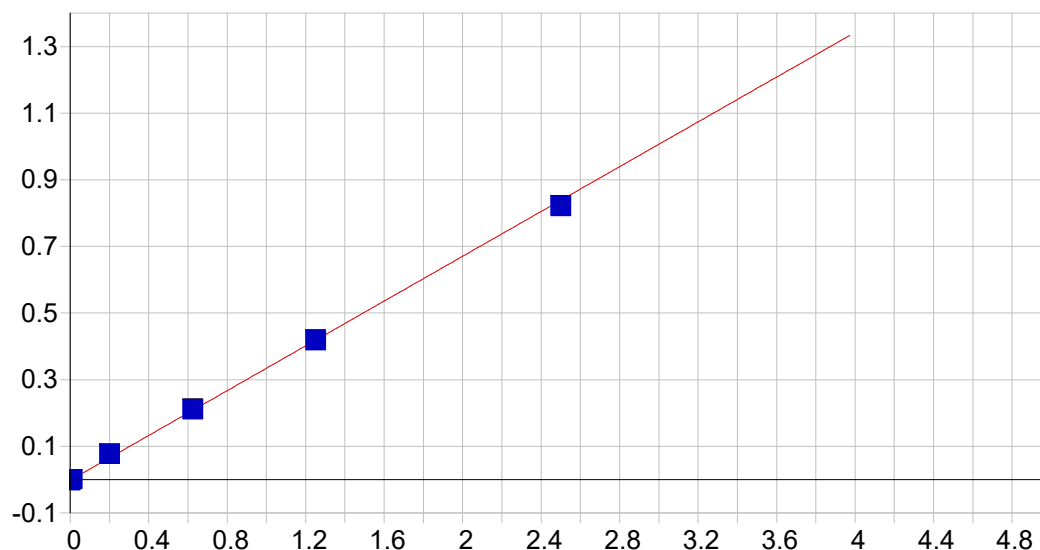


Ni 231.604 {446}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000158	Re-Slope:	1.000000
A1 (Gain):	0.622729	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999376	Status:	OK.
Std Error of Est:	0.000516		
Predicted MDL:	0.000317		
Predicted MQL:	0.001056		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00016	.000	1
S1	.04000	.04042	.000	1.04	.02501	.000	1
S3	1.2500	1.2536	.004	.289	.78050	.002	1
S4	2.5000	2.4755	-.025	-.982	1.5414	.002	1
S5	5.0000	4.9548	-.045	-.905	3.0853	.023	1
S2	.40000	.46575	.066	16.4	.28988	.001	1

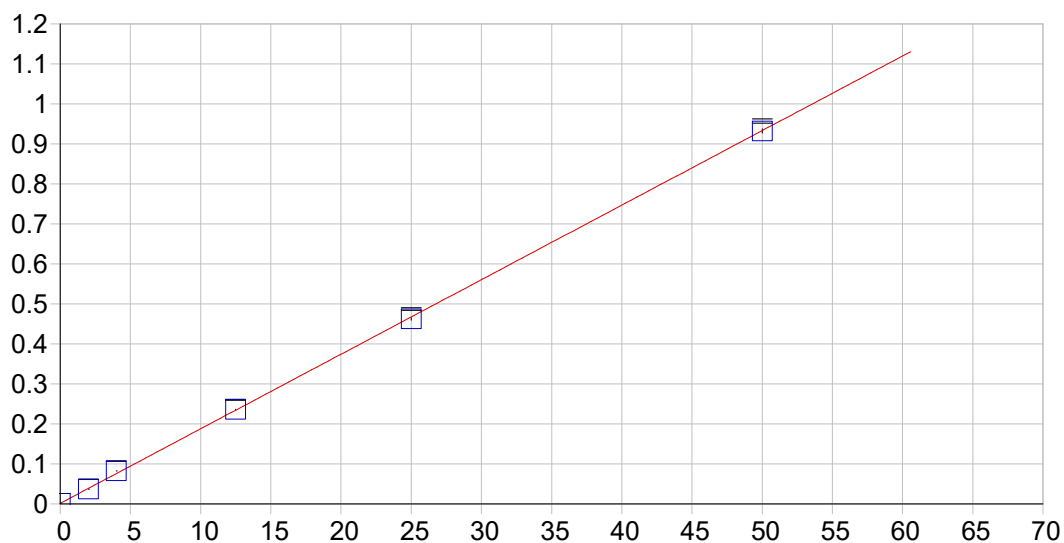


Ag 328.068 {103}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001880 Re-Slope: 1.000000
 A1 (Gain): 0.336137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999158 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.000328
 Predicted MQL: 0.001092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00188	.000	1
S1	.01000	.00996	-.000	-.350	.00145	.000	1
S3	.62500	.63493	.010	1.59	.21071	.000	1
S4	1.2500	1.2518	.002	.142	.41722	.001	1
S5	2.5000	2.4520	-.048	-1.92	.81900	.001	1
S2	.20000	.23630	.036	18.2	.07728	.000	1

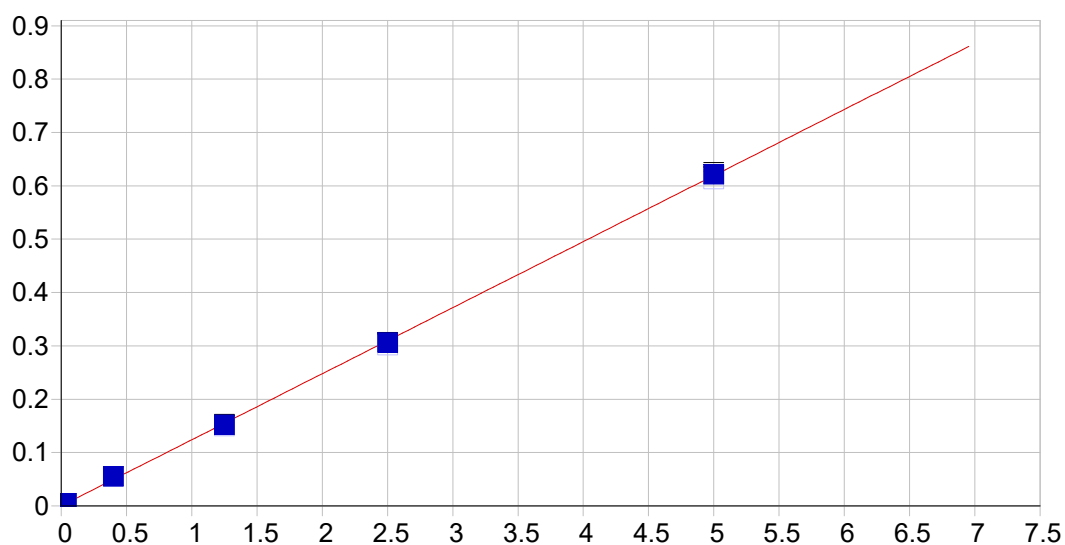


Na 589.592 { 57}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001395 Re-Slope: 1.000000
 A1 (Gain): 0.018638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000202
 Predicted MDL: 0.010770
 Predicted MQL: 0.035899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00139	.000	1
S2	4.0000	4.3504	.350	8.76	.08248	.000	1
S3	12.500	12.572	.072	.579	.23573	.001	1
S4	25.000	24.734	-.266	-1.06	.46240	.004	1
S5	50.000	49.946	-.054	-.108	.93232	.005	1
S1	2.0000	1.8967	-.103	-5.16	.03675	.000	1

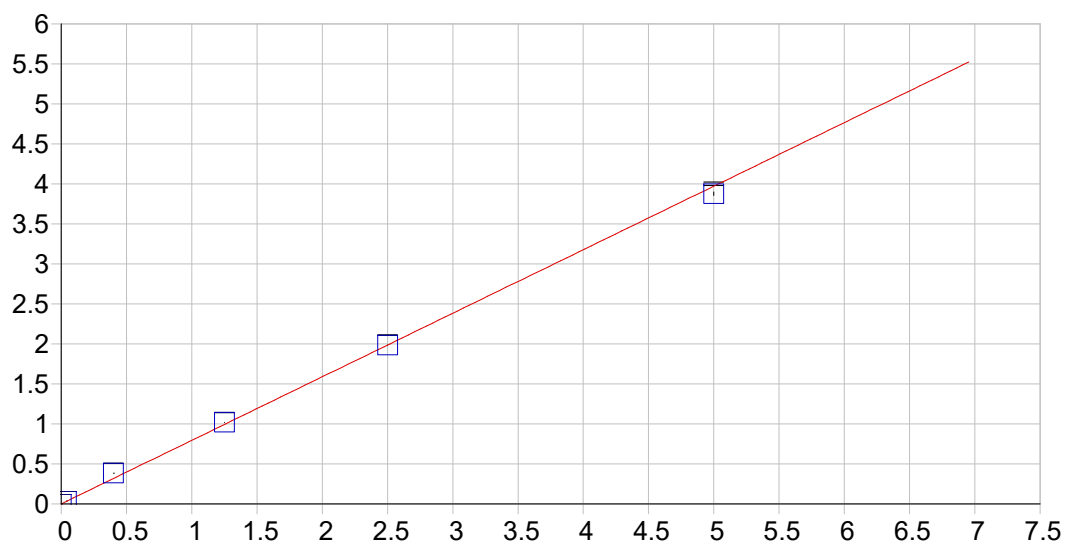


V 292.402 {115}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000118	Re-Slope:	1.000000
A1 (Gain):	0.123839	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999666	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.001732		
Predicted MQL:	0.005773		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.04000	.03926	-.001	-1.84	.00480	.000	1
S3	1.2500	1.2221	-.028	-2.23	.14921	.002	1
S4	2.5000	2.4690	-.031	-1.24	.30136	.001	1
S5	5.0000	5.0154	.015	.308	.61219	.004	1
S2	.40000	.44423	.044	11.1	.05441	.000	1

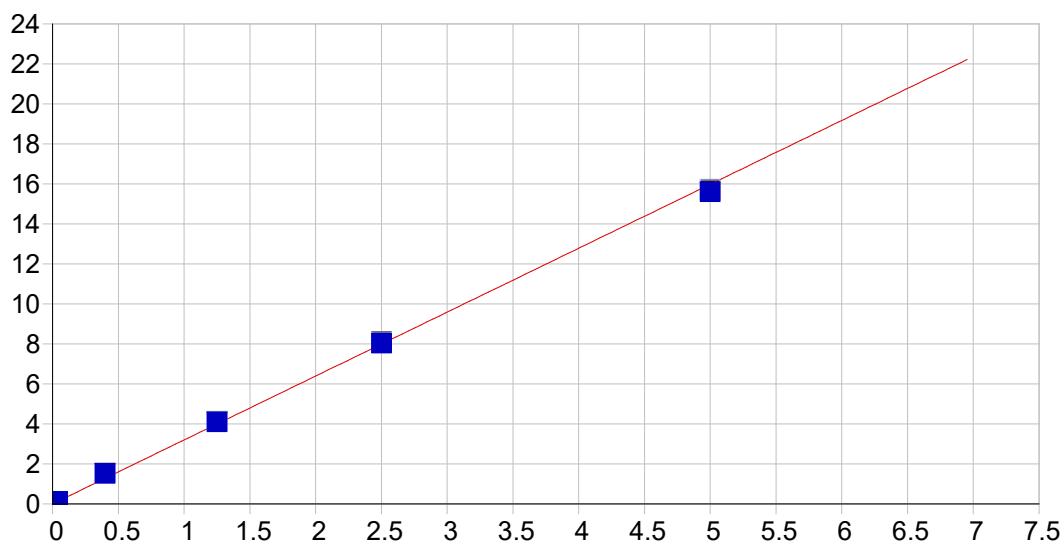


Zn 206.200 {464}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000368	Re-Slope:	1.000000
A1 (Gain):	0.794268	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998834	Status:	OK.
Std Error of Est:	0.000901		
Predicted MDL:	0.000239		
Predicted MQL:	0.000796		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00036	.000	1
S1	.04000	.04287	.003	7.18	.03442	.000	1
S3	1.2500	1.2821	.032	2.56	1.0187	.002	1
S4	2.5000	2.4995	-.001	-.022	1.9856	.002	1
S5	5.0000	4.8816	-.118	-2.37	3.8777	.021	1
S2	.40000	.48398	.084	21.0	.38477	.001	1

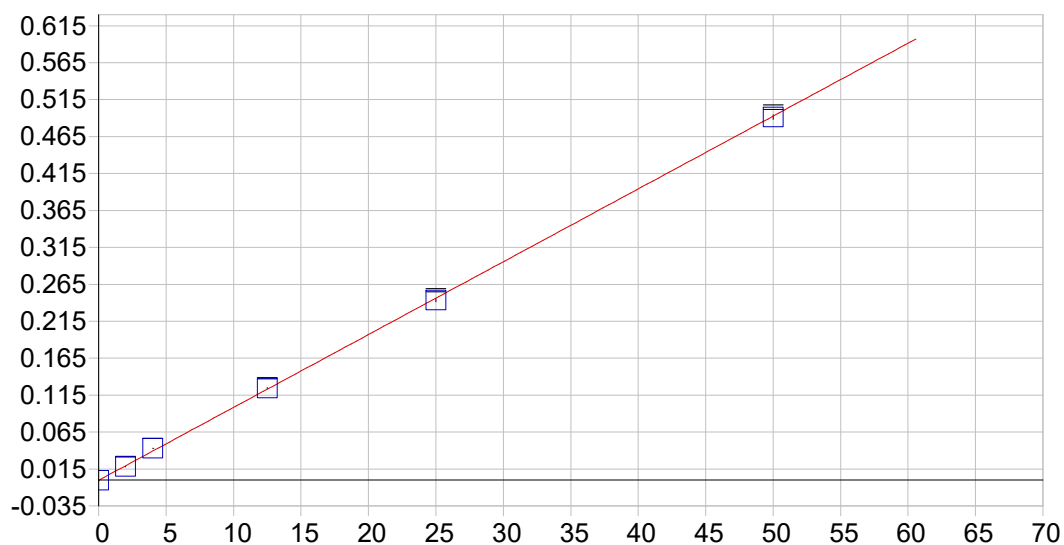


Zn 213.856 {158}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002291 Re-Slope: 1.000000
 A1 (Gain): 3.195288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999072 Status: OK.
 Std Error of Est: 0.003256
 Predicted MDL: 0.000252
 Predicted MQL: 0.000841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00226	.000	1
S1	.04000	.04145	.001	3.63	.13564	.001	1
S3	1.2500	1.2788	.029	2.30	4.1162	.013	1
S4	2.5000	2.5132	.013	.527	8.0882	.022	1
S5	5.0000	4.8824	-.118	-2.35	15.714	.016	1
S2	.40000	.47421	.074	18.6	1.5264	.006	1

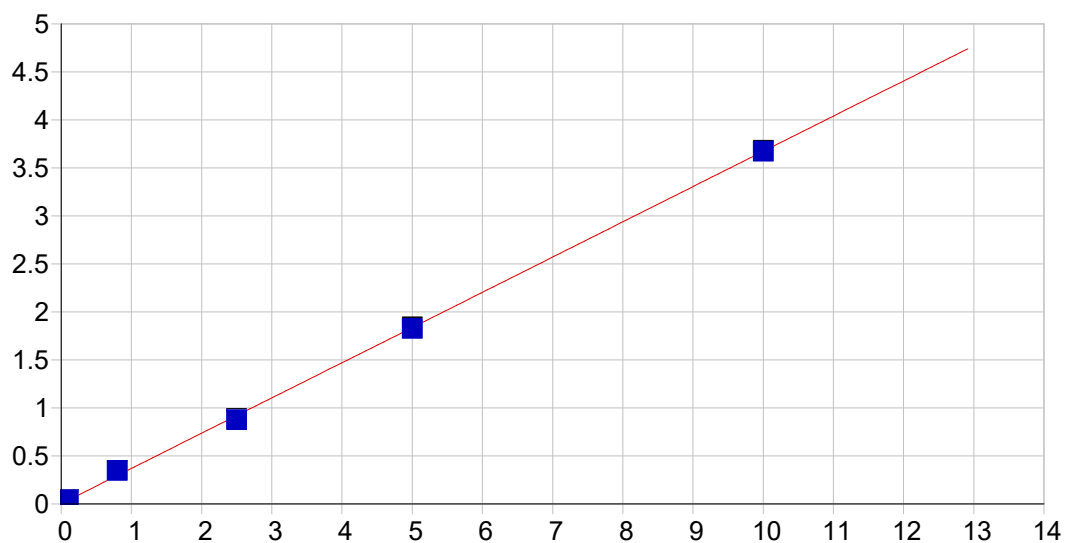


K 766.490 { 44}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000275 Re-Slope: 1.000000
 A1 (Gain): 0.009861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.024525
 Predicted MQL: 0.081748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-.00028	.000	1
S2	4.0000	4.3806	.381	9.52	.04292	.000	1
S3	12.500	12.643	.143	1.15	.12441	.001	1
S4	25.000	24.732	-.268	-1.07	.24361	.002	1
S5	50.000	49.873	-.127	-.254	.49154	.003	1
S1	2.0000	1.8714	-.129	-6.43	.01818	.000	1

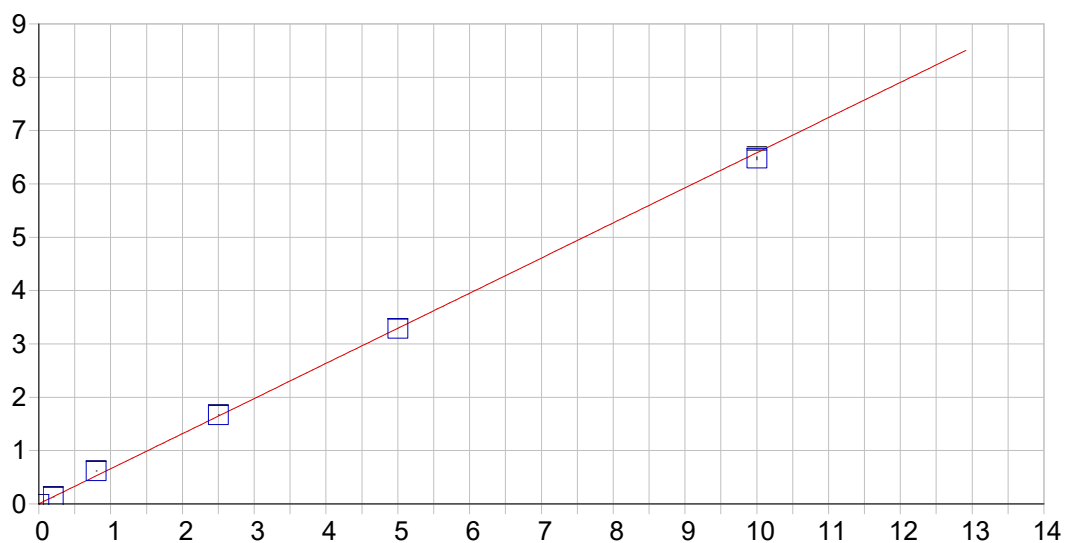


B 249.678 {135}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002523 Re-Slope: 1.000000
 A1 (Gain): 0.366953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999207 Status: OK.
 Std Error of Est: 0.000766
 Predicted MDL: 0.000772
 Predicted MQL: 0.002574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00252	.000	1
S1	.10000	.10808	.008	8.08	.04203	.000	1
S3	2.5000	2.3829	-.117	-4.68	.87515	.011	1
S4	5.0000	4.9684	-.032	-.632	1.8221	.018	1
S5	10.000	10.006	.006	.057	3.6670	.008	1
S2	.80000	.93490	.135	16.9	.34501	.002	1

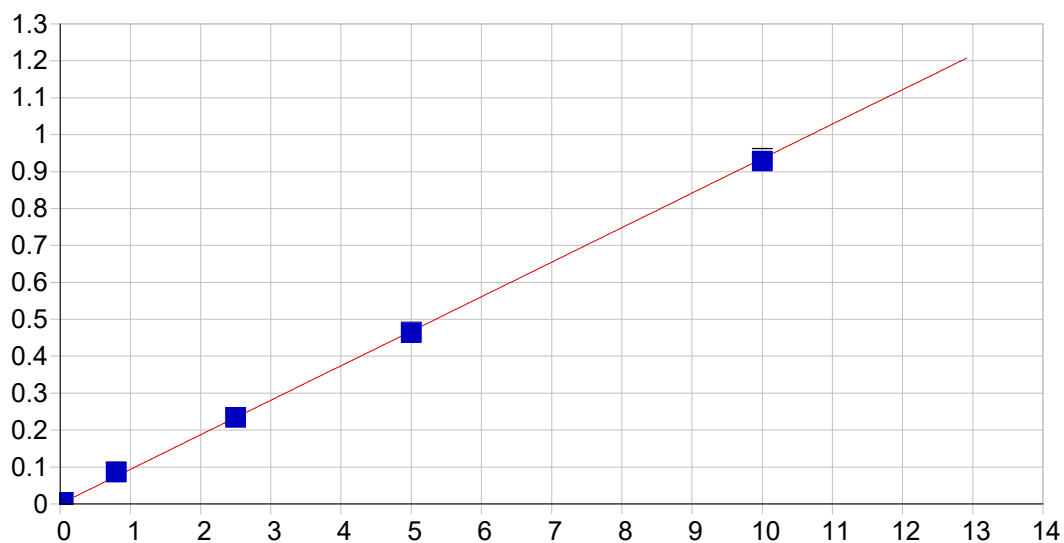


Mo 202.030 {467}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000239 Re-Slope: 1.000000
 A1 (Gain): 0.658506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999274 Status: OK.
 Std Error of Est: 0.001868
 Predicted MDL: 0.000303
 Predicted MQL: 0.001008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00022	.000	1
S1	.20000	.20153	.002	.766	.13295	.000	1
S3	2.5000	2.5333	.033	1.33	1.6685	.002	1
S4	5.0000	4.9885	-.011	-.229	3.2852	.006	1
S5	10.000	9.8387	-.161	-1.61	6.4791	.031	1
S2	.80000	.93791	.138	17.2	.61786	.002	1

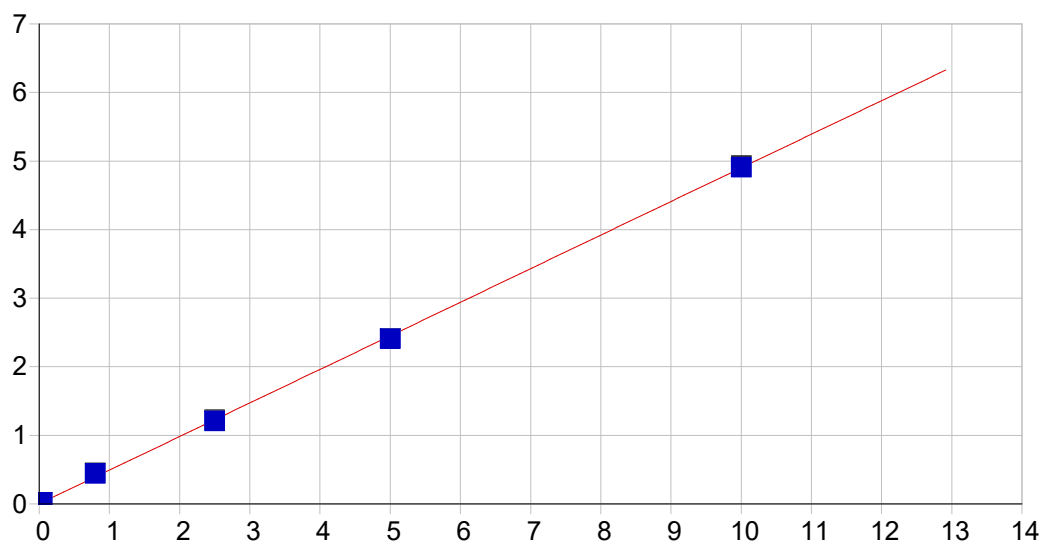


Sn 189.989 {478}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.093491 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999527 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000914
 Predicted MQL: 0.003047

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.04000	.03870	-.001	-3.26	.00379	.000	1
S3	2.5000	2.4983	-.002	-.069	.23350	.000	1
S4	5.0000	4.9609	-.039	-.782	.46350	.001	1
S5	10.000	9.9274	-.073	-.726	.92735	.008	1
S2	.80000	.91467	.115	14.3	.08561	.000	1

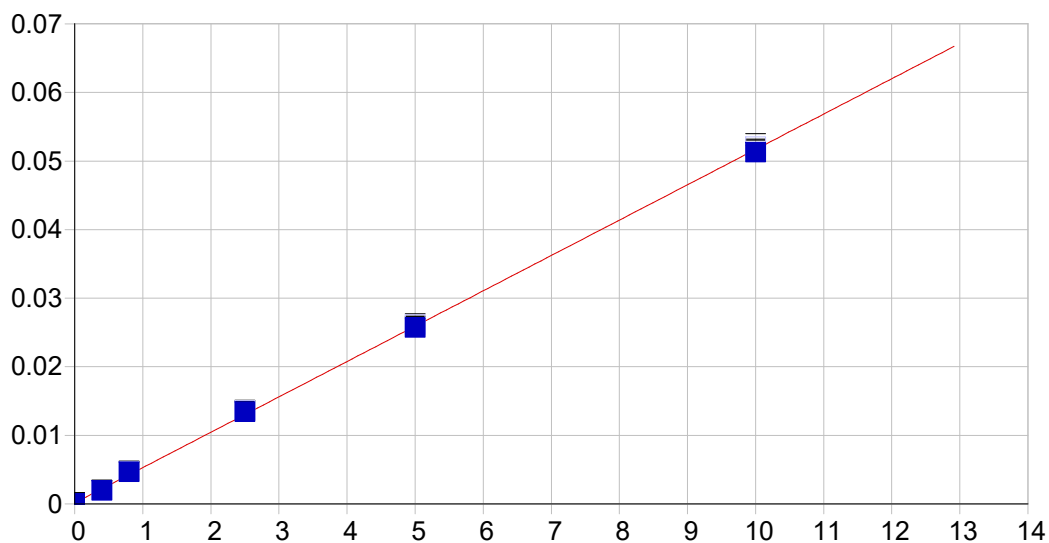


Ti 336.121 {100}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002154 Re-Slope: 1.000000
 A1 (Gain): 0.489792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565 Status: OK.
 Std Error of Est: 0.000479
 Predicted MDL: 0.000659
 Predicted MQL: 0.002196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00215	.000	1
S1	.04000	.03903	-.001	-2.42	.02126	.000	1
S3	2.5000	2.4640	-.036	-1.44	1.2086	.015	1
S4	5.0000	4.9121	-.088	-1.76	2.4072	.005	1
S5	10.000	10.020	.020	.197	4.9080	.020	1
S2	.80000	.90516	.105	13.1	.44535	.002	1

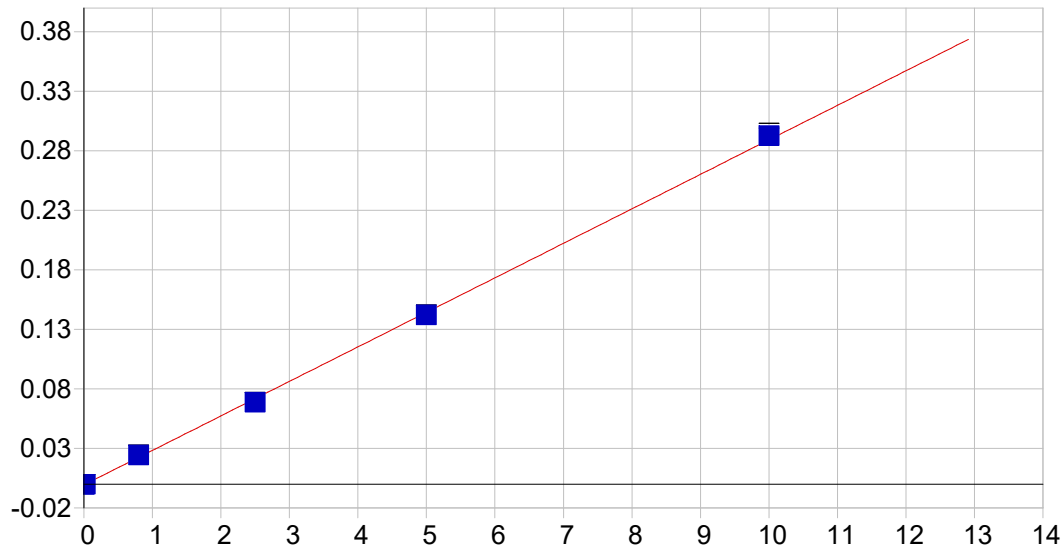


Si 288.158 {117}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.005156 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.008358
 Predicted MQL: 0.027861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.40000	.35182	-.048	-12.0	.00196	.000	1
S3	2.5000	2.5811	.081	3.24	.01364	.000	1
S4	5.0000	4.9628	-.037	-.745	.02611	.000	1
S5	10.000	9.9216	-.078	-.784	.05207	.000	1
S2	.80000	.88213	.082	10.3	.00475	.000	1

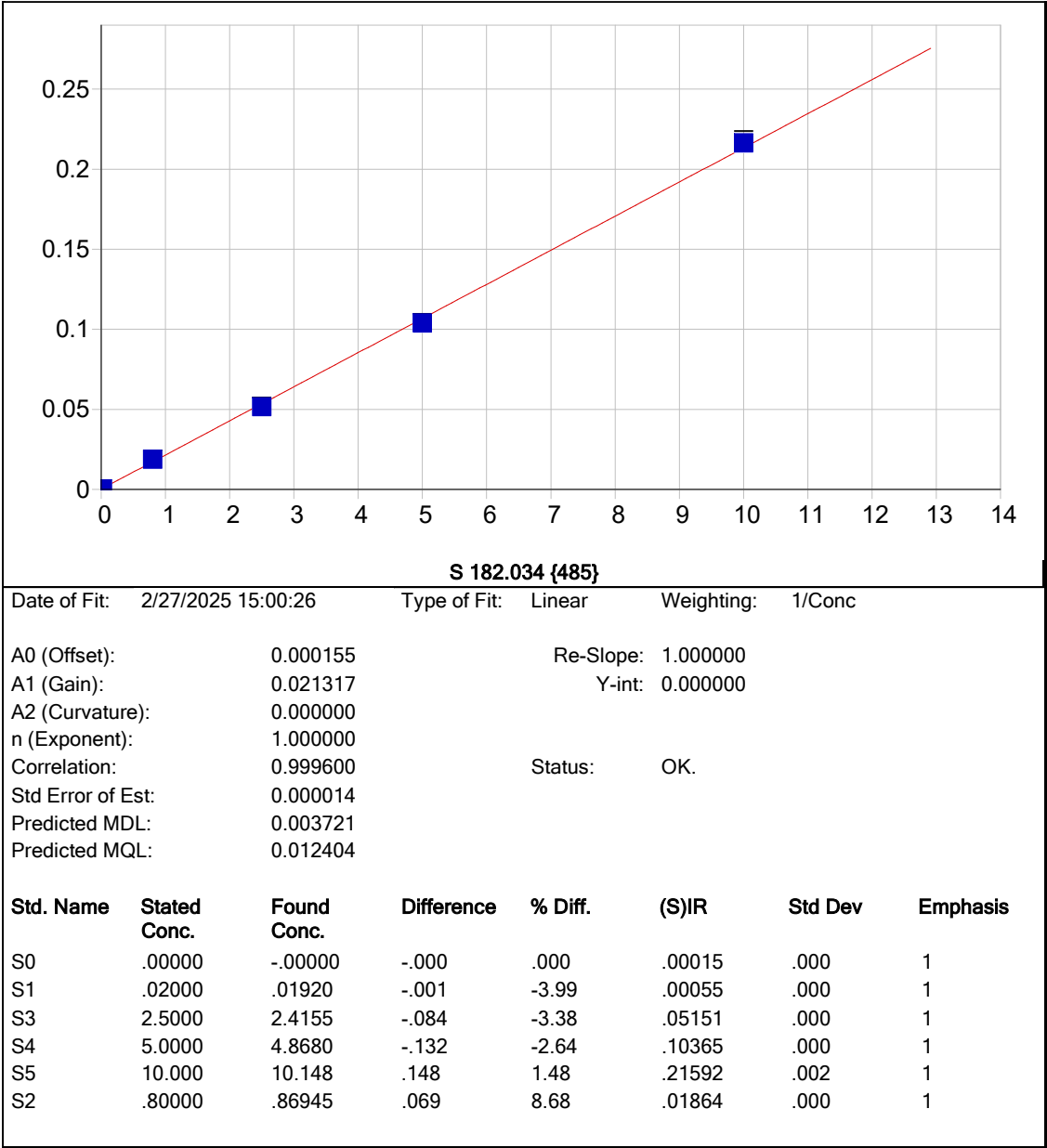


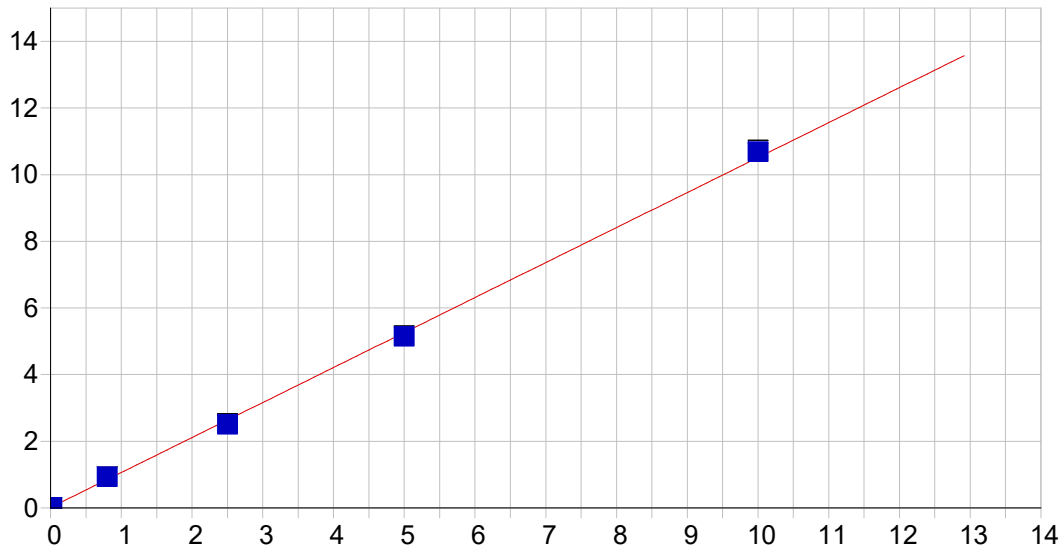
P 177.495 {490}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000676 Re-Slope: 1.000000
 A1 (Gain): 0.028995 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999631 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002705
 Predicted MQL: 0.009018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.02000	.01698	-.003	-15.1	-.00018	.000	1
S3	2.5000	2.3918	-.108	-4.33	.06866	.000	1
S4	5.0000	4.9211	-.079	-1.58	.14199	.000	1
S5	10.000	10.123	.123	1.23	.29279	.002	1
S2	.80000	.86699	.067	8.37	.02446	.000	1



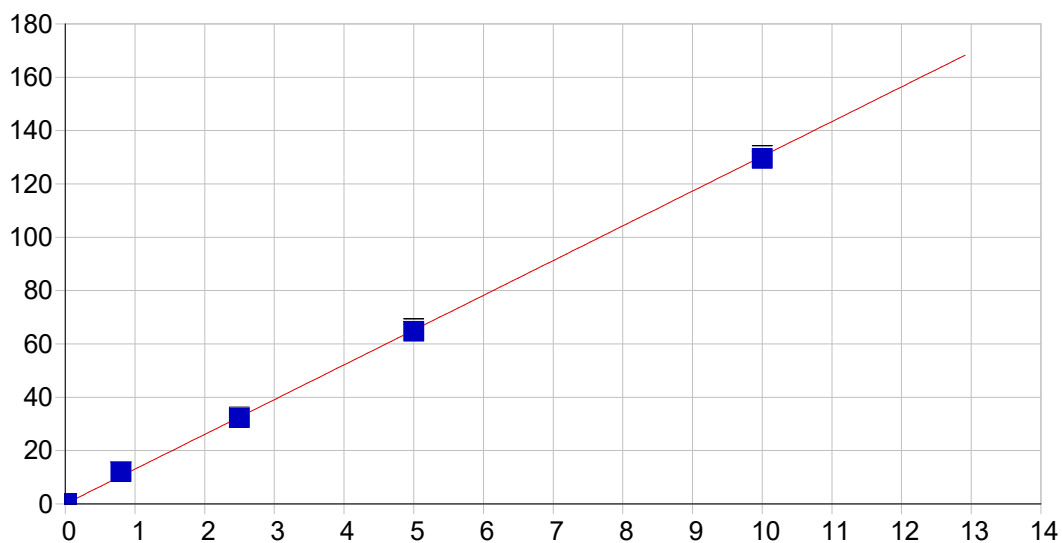


Li 670.784 { 50}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012176 Re-Slope: 1.000000
 A1 (Gain): 1.050075 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999468 Status: OK.
 Std Error of Est: 0.000803
 Predicted MDL: 0.000967
 Predicted MQL: 0.003225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01218	.001	1
S5	10.000	10.164	.164	1.64	10.690	.050	1
S4	5.0000	4.8868	-.113	-2.26	5.1463	.017	1
S3	2.5000	2.3750	-.125	-5.00	2.5074	.031	1
S1	.02000	.01686	-.003	-15.7	.03022	.000	1
S2	.80000	.87756	.078	9.70	.93410	.003	1



Sr 407.771 { 83}

Date of Fit: 2/27/2025 15:00:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000805 Re-Slope: 1.000000
 A1 (Gain): 13.032957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999448 Status: OK.
 Std Error of Est: 0.010159
 Predicted MDL: 0.000044
 Predicted MQL: 0.000147

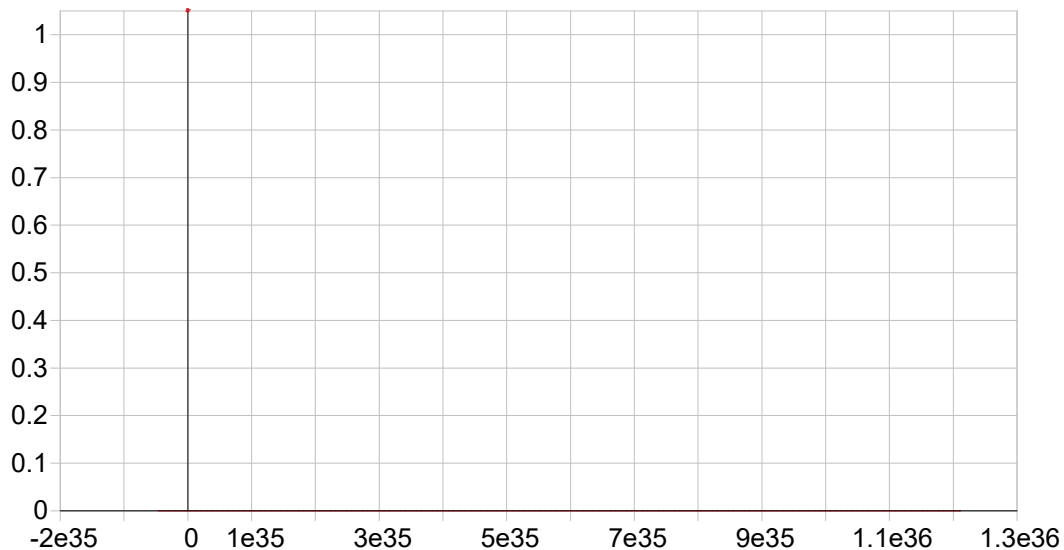
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00077	.001	1
S1	.02000	.01999	-.000	-.055	.26262	.001	1
S3	2.5000	2.4790	-.021	-.838	32.343	.156	1
S4	5.0000	4.9625	-.038	-.751	64.741	.970	1
S5	10.000	9.9340	-.066	-.660	129.60	1.04	1
S2	.80000	.92452	.125	15.6	12.061	.053	1



Y 224.306 {450}*

Date of Fit:	2/27/2025 15:00:26	Type of Fit:	Linear	Weighting:	1/Conc
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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		



Y 360.073 { 94}*

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

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: 2/27/2025 8:39:12 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	-.00014	.00004	-.00028	.00036	.00032	.00050	.03394	-.00026
Stddev	.00010	.00007	.00025	.00012	.00013	.00011	.00170	.00016
%RSD	68.903	182.92	88.520	33.553	41.621	20.956	4.9966	63.439
#1	-.00003	-.00004	-.00049	.00028	.00019	.00038	.03236	-.00034
#2	-.00017	.00006	-.00036	.00050	.00046	.00055	.03372	-.00007
#3	-.00022	.00008	-.00000	.00030	.00032	.00058	.03573	-.00036
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	-.00014	.00082	.00002	-.00007	-.00018	.00000	-.00010	-.00017
Stddev	.00015	.00004	.00003	.00007	.00008	.00000	.00006	.00006
%RSD	112.35	5.3336	162.49	97.706	46.649	285.81	58.922	38.173
#1	-.00031	.00081	.00001	-.00012	-.00028	.00000	-.00015	-.00024
#2	-.00006	.00087	-.00000	.00001	-.00012	-.00000	-.00009	-.00014
#3	-.00003	.00079	.00006	-.00009	-.00015	.00000	-.00004	-.00013
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	-.00016	-.00188	.00139	.00012	.00226	-.00028	.00252	.00022
Stddev	.00017	.00007	.00012	.00006	.00013	.00024	.00015	.00005
%RSD	102.71	3.5124	8.2585	51.327	5.8927	88.973	6.0306	21.465
#1	-.00035	-.00182	.00127	.00009	.00216	-.00051	.00241	.00022
#2	-.00003	-.00195	.00141	.00008	.00221	-.00002	.00245	.00026
#3	-.00011	-.00187	.00150	.00019	.00241	-.00030	.00269	.00017
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	.00017	.00215	.00014	-.00068	.00015	.01218	.00077	
Stddev	.00005	.00007	.00003	.00001	.00000	.00083	.00051	
%RSD	27.837	3.3324	23.755	1.7207	2.4396	6.8057	66.185	
#1	.00012	.00208	.00015	-.00069	.00016	.01227	.00031	
#2	.00022	.00223	.00017	-.00068	.00015	.01131	.00132	
#3	.00018	.00215	.00010	-.00066	.00015	.01296	.00068	

Sample Name: S0 Acquired: 2/27/2025 8:39:12 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	2728.1	61069.	11632.	2027.4	4804.5
Stddev	3.1	633.	195.	9.5	9.8
%RSD	.11477	1.0368	1.6743	.46664	.20331
#1	2726.2	60929.	11521.	2027.5	4795.6
#2	2731.7	60518.	11857.	2017.9	4802.8
#3	2726.4	61761.	11518.	2036.8	4814.9

Sample Name: S1 Acquired: 2/27/2025 8:43:39 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	.00087	.00150	.00210	.00168	.00827	.01368	.34170	.02497
Stddev	.00006	.00011	.00014	.00019	.00001	.00026	.00320	.00026
%RSD	6.3871	7.1994	6.5896	11.232	.13121	1.8688	.93637	1.0405
#1	.00082	.00155	.00195	.00177	.00827	.01351	.34503	.02472
#2	.00086	.00157	.00215	.00147	.00829	.01397	.34141	.02524
#3	.00093	.00137	.00221	.00182	.00826	.01355	.33865	.02495
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	.01110	.10902	.00155	.02158	.01580	.00044	.00944	.03088
Stddev	.00010	.00021	.00001	.00013	.00029	.00002	.00018	.00045
%RSD	.90826	.19187	.69197	.58826	1.8546	4.1589	1.9109	1.4455
#1	.01121	.10881	.00155	.02151	.01592	.00044	.00964	.03040
#2	.01104	.10923	.00156	.02149	.01601	.00046	.00933	.03128
#3	.01103	.10901	.00155	.02172	.01547	.00042	.00933	.03096
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	.02501	.00145	.03675	.00480	.13564	.01818	.04203	.13295
Stddev	.00013	.00007	.00008	.00020	.00093	.00032	.00017	.00029
%RSD	.50176	4.5166	.21666	4.1296	.68882	1.7844	.39619	.22168
#1	.02495	.00149	.03684	.00462	.13672	.01808	.04211	.13262
#2	.02493	.00148	.03669	.00476	.13513	.01854	.04184	.13304
#3	.02516	.00137	.03671	.00501	.13507	.01792	.04214	.13319
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	.00379	.02126	.00196	-.00018	.00055	.03022	.26262	
Stddev	.00005	.00009	.00003	.00004	.00005	.00033	.00101	
%RSD	1.3960	.44201	1.7158	24.191	8.4017	1.0936	.38508	
#1	.00373	.02127	.00199	-.00020	.00050	.03058	.26354	
#2	.00384	.02134	.00192	-.00022	.00054	.02993	.26280	
#3	.00380	.02116	.00195	-.00013	.00059	.03015	.26154	

Sample Name: S1 Acquired: 2/27/2025 8:43:39 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	2703.0	60948.	11553.	2006.6	4739.4
Stddev	8.5	174.	19.	5.6	14.5
%RSD	.31528	.28476	.16080	.27774	.30650
#1	2712.4	60749.	11551.	2004.6	4746.5
#2	2700.9	61023.	11536.	2002.3	4748.9
#3	2695.7	61071.	11573.	2012.9	4722.6

Sample Name: S2 Acquired: 2/27/2025 8:48:04 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	.04555	.03718	.18179	.06884	.14375	.22236	5.6072	.19252
Stddev	.00023	.00077	.00070	.00012	.00054	.00103	.0262	.00028
%RSD	.51571	2.0656	.38699	.17596	.37397	.46529	.46736	.14448

#1	.04528	.03753	.18121	.06879	.14314	.22316	5.6297	.19262
#2	.04571	.03772	.18159	.06898	.14415	.22272	5.6133	.19273
#3	.04565	.03630	.18257	.06875	.14396	.22119	5.5784	.19220

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	.84240	.24551	.02951	.33532	.17232	.00433	.20840	.06498
Stddev	.00126	.00047	.00029	.00125	.00058	.00001	.00059	.00025
%RSD	.15016	.19340	.99707	.37144	.33546	.32104	.28094	.38210

#1	.84158	.24579	.02927	.33420	.17183	.00431	.20905	.06516
#2	.84176	.24578	.02942	.33510	.17218	.00433	.20791	.06508
#3	.84385	.24496	.02984	.33666	.17296	.00434	.20824	.06470

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	.28988	.07728	.08248	.05441	1.5264	.04292	.34501	.61786
Stddev	.00062	.00007	.00012	.00016	.0056	.00003	.00199	.00201
%RSD	.21264	.09630	.14772	.29791	.36729	.08081	.57707	.32491

#1	.28950	.07736	.08234	.05457	1.5289	.04292	.34697	.61570
#2	.28954	.07727	.08255	.05440	1.5304	.04289	.34507	.61967
#3	.29059	.07722	.08255	.05425	1.5200	.04296	.34299	.61822

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	.08561	.44535	.00475	.02446	.01864	.93410	12.061	
Stddev	.00011	.00172	.00005	.00004	.00008	.00325	.053	
%RSD	.12680	.38728	.97473	.15120	.45523	.34763	.43647	

#1	.08559	.44671	.00470	.02442	.01874	.93740	12.106	
#2	.08573	.44593	.00476	.02449	.01860	.93399	12.072	
#3	.08552	.44341	.00479	.02447	.01859	.93091	12.003	

Sample Name: S2 Acquired: 2/27/2025 8:48:04 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	2650.9	59229.	11588.	1899.2	4621.1
Stddev	11.3	197.	42.	2.8	14.6
%RSD	.42754	.33337	.35877	.14784	.31622
#1	2664.0	59202.	11540.	1898.5	4636.6
#2	2644.9	59439.	11611.	1902.3	4619.0
#3	2643.9	59047.	11614.	1896.8	4607.7

Sample Name: S3 Acquired: 2/27/2025 8:54:18 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	.12602	.10296	.49422	.18960	.39427	.61795	15.095	.49561
Stddev	.00053	.00042	.00144	.00031	.00081	.00876	.268	.00534
%RSD	.41927	.41135	.29178	.16504	.20433	1.4181	1.7722	1.0769

#1	.12639	.10341	.49561	.18993	.39498	.61068	14.809	.49591
#2	.12542	.10290	.49273	.18932	.39339	.62768	15.339	.50079
#3	.12626	.10256	.49433	.18954	.39443	.61550	15.137	.49012

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	2.2779	.66392	.07991	.90711	.46426	.01251	.56202	.17622
Stddev	.0026	.00863	.00050	.00152	.00094	.00003	.00701	.00131
%RSD	.11244	1.3005	.62354	.16780	.20323	.27153	1.2478	.74467

#1	2.2785	.66071	.08046	.90809	.46498	.01253	.55887	.17566
#2	2.2751	.67370	.07981	.90536	.46319	.01247	.57005	.17772
#3	2.2801	.65735	.07947	.90789	.46460	.01252	.55713	.17528

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	.78050	.21071	.23573	.14921	4.1162	.12441	.87515	1.6685
Stddev	.00227	.00038	.00128	.00175	.0128	.00074	.01062	.0019
%RSD	.29084	.18166	.54368	1.1731	.31109	.59503	1.2133	.11239

#1	.78070	.21062	.23429	.14794	4.1227	.12363	.87354	1.6688
#2	.77814	.21113	.23674	.15121	4.1243	.12448	.88648	1.6664
#3	.78267	.21038	.23615	.14848	4.1014	.12511	.86543	1.6701

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	.23350	1.2086	.01364	.06866	.05151	2.5074	32.343	
Stddev	.00041	.0152	.00003	.00014	.00008	.0308	.156	
%RSD	.17731	1.2541	.19447	.19892	.14836	1.2273	.48263	

#1	.23328	1.2003	.01362	.06863	.05159	2.4835	32.215	
#2	.23324	1.2261	.01367	.06854	.05150	2.5421	32.296	
#3	.23398	1.1993	.01363	.06881	.05144	2.4966	32.517	

Sample Name: S3 Acquired: 2/27/2025 8:54:18 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	2576.4	57414.	11984.	1805.6	4449.4
Stddev	5.2	80.	109.	.5	8.1
%RSD	.20329	.13945	.91069	.02971	.18247
#1	2570.7	57369.	12003.	1806.1	4440.9
#2	2581.1	57507.	11867.	1805.1	4457.0
#3	2577.4	57368.	12083.	1805.5	4450.2

Sample Name: S4 Acquired: 2/27/2025 9:00:14 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	.24777	.20520	.97404	.36832	.77495	1.2418	29.932	1.0319
Stddev	.00037	.00115	.00163	.00102	.00205	.0007	.369	.0092
%RSD	.14792	.56030	.16750	.27799	.26425	.05493	1.2339	.89148

#1	.24807	.20652	.97558	.36945	.77643	1.2420	30.275	1.0422
#2	.24736	.20453	.97233	.36806	.77261	1.2425	29.541	1.0244
#3	.24788	.20453	.97421	.36745	.77581	1.2411	29.980	1.0292

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.5208	1.3270	.15629	1.7984	.90556	.02332	1.1068	.35852
Stddev	.0080	.0045	.00051	.0045	.00166	.00006	.0042	.00161
%RSD	.17729	.33682	.32537	.25053	.18326	.27466	.37595	.44770

#1	4.5284	1.3310	.15644	1.8009	.90730	.02325	1.1106	.36020
#2	4.5124	1.3222	.15572	1.7932	.90400	.02333	1.1024	.35700
#3	4.5216	1.3279	.15670	1.8011	.90540	.02338	1.1075	.35837

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	1.5414	.41722	.46240	.30136	8.0882	.24361	1.8221	3.2852
Stddev	.0023	.00109	.00355	.00079	.0216	.00204	.0182	.0056
%RSD	.14736	.26152	.76714	.26142	.26749	.83775	1.0007	.17140

#1	1.5440	.41848	.45923	.30224	8.1129	.24162	1.8430	3.2905
#2	1.5397	.41665	.46623	.30110	8.0788	.24570	1.8098	3.2793
#3	1.5405	.41653	.46175	.30073	8.0728	.24353	1.8135	3.2858

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	.46350	2.4072	.02611	.14199	.10365	5.1463	64.741	
Stddev	.00106	.0049	.00017	.00014	.00023	.0173	.970	
%RSD	.22851	.20145	.66326	.09738	.22109	.33557	1.4975	

#1	.46434	2.4126	.02592	.14197	.10392	5.1385	65.228	
#2	.46231	2.4056	.02626	.14186	.10352	5.1661	63.625	
#3	.46385	2.4033	.02616	.14213	.10352	5.1343	65.371	

Sample Name: S4 Acquired: 2/27/2025 9:00:14 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	2568.8	56919.	11233.	1776.5	4367.0
Stddev	3.1	167.	125.	9.4	8.1
%RSD	.12146	.29266	1.1126	.52876	.18468
#1	2568.0	56792.	11101.	1767.3	4363.9
#2	2572.3	57108.	11350.	1786.1	4376.2
#3	2566.2	56857.	11248.	1776.0	4361.0

Sample Name: S5 Acquired: 2/27/2025 9:04:28 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	.50016	.39957	1.9481	.73906	1.5546	2.5490	60.352	2.0683
Stddev	.00302	.00496	.0137	.00383	.0086	.0121	.522	.0031
%RSD	.60313	1.2405	.70409	.51818	.55604	.47560	.86517	.14983

#1	.49901	.40315	1.9493	.73903	1.5529	2.5500	59.925	2.0696
#2	.49788	.39392	1.9338	.73525	1.5470	2.5364	60.196	2.0705
#3	.50358	.40165	1.9611	.74291	1.5640	2.5606	60.934	2.0647

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	9.0633	2.6823	.30464	3.6202	1.7912	.04543	2.2334	.73535
Stddev	.0689	.0072	.00042	.0277	.0097	.00020	.0069	.00293
%RSD	.76036	.26740	.13780	.76504	.54303	.43552	.31021	.39820

#1	9.0719	2.6842	.30484	3.6216	1.7873	.04549	2.2398	.73607
#2	8.9905	2.6743	.30416	3.5919	1.7840	.04521	2.2261	.73213
#3	9.1276	2.6883	.30493	3.6472	1.8022	.04559	2.2344	.73785

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0853	.81900	.93232	.61219	15.714	.49154	3.6670	6.4791
Stddev	.0234	.00102	.00539	.00359	.016	.00307	.0083	.0315
%RSD	.75702	.12464	.57800	.58598	.10202	.62556	.22749	.48602

#1	3.0855	.81877	.93412	.61367	15.730	.49094	3.6654	6.4797
#2	3.0619	.81812	.92626	.60810	15.698	.48880	3.6760	6.4473
#3	3.1086	.82012	.93657	.61480	15.714	.49487	3.6595	6.5102

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	.92735	4.9080	.05207	.29279	.21592	10.690	129.60	
Stddev	.00778	.0204	.00046	.00203	.00183	.050	1.04	
%RSD	.83904	.41641	.88005	.69299	.84545	.46967	.79898	

#1	.92852	4.9168	.05190	.29367	.21657	10.706	130.79	
#2	.91905	4.8846	.05172	.29047	.21386	10.634	129.14	
#3	.93447	4.9225	.05259	.29424	.21734	10.731	128.88	

Sample Name: S5 Acquired: 2/27/2025 9:04:28 Type: Cal
Method: NON EPA-6010-200.7(v2738) 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	2476.2	56663.	10842.	1724.1	4128.0
Stddev	11.7	221.	34.	6.7	26.4
%RSD	.47382	.38993	.31332	.39133	.63837
#1	2485.8	56586.	10805.	1717.7	4139.8
#2	2479.7	56912.	10872.	1731.2	4146.3
#3	2463.1	56491.	10850.	1723.4	4097.8

Sample Name: ICV01 Acquired: 2/27/2025 10:30:32 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046371	1.029546	1.005397	1.044205	1.016105	2.451432	.4925361
Stddev	.006026	.010560	.004454	.004120	.004075	.004170	.0040823
%RSD	.5758860	1.025679	.4430308	.3945679	.4009940	.1700934	.8288404

#1	1.045782	1.030187	1.003248	1.041886	1.016656	2.453758	.4879246
#2	1.040661	1.018680	1.002424	1.041767	1.011782	2.453920	.4956881
#3	1.052669	1.039771	1.010518	1.048962	1.019875	2.446619	.4939955

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5114716	.5002859	9.918240	.5307164	.5044005	.5174807	9.567884
Stddev	.0044399	.0025093	.052760	.0024879	.0019979	.0016019	.086325
%RSD	.8680607	.5015758	.5319472	.4687846	.3960994	.3095593	.9022418

#1	.5165458	.4998335	9.927111	.5318704	.5042097	.5172751	9.469509
#2	.5095685	.4980336	9.966002	.5278610	.5025048	.5159915	9.603147
#3	.5083005	.5029906	9.861607	.5324178	.5064870	.5191755	9.630995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5176082	5.985111	.4998265	.2534002	9.502379	.4906178	1.017639
Stddev	.0030787	.014465	.0020527	.0006144	.146030	.0028645	.001629
%RSD	.5948014	.2416754	.4106729	.2424464	1.536773	.5838490	.1600530

#1	.5153894	5.980957	.4991697	.2531796	9.339410	.4874271	1.015902
#2	.5211231	6.001198	.4981827	.2529266	9.546374	.4929681	1.017883
#3	.5163122	5.973178	.5021272	.2540944	9.621354	.4914580	1.019132

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.583866	2.489965	2.470131	2.480049	2.389674	2.418806	2.455985
Stddev	.119987	.022621	.011028	.010831	.010991	.029974	.011418
%RSD	1.251970	.9084985	.4464344	.4367128	.4599546	1.239194	.4648899

#1	9.446874	2.515893	2.466748	2.481860	2.379850	2.384255	2.459435
#2	9.634421	2.479749	2.461191	2.468426	2.401545	2.437835	2.443240
#3	9.670302	2.474254	2.482453	2.489859	2.387627	2.434328	2.465279

Sample Name: ICV01 Acquired: 2/27/2025 10:30:32 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.543301	2.447378	2.423977
Stddev	.008409	.018126	.048720
%RSD	.3306383	.7406129	2.009916

#1	2.538443	2.426928	2.478682
#2	2.538449	2.461459	2.407992
#3	2.553011	2.453748	2.385258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.989	56080.68	11932.19	1676.938	4404.539
Stddev	9.419	38.44	103.22	6.194	15.114
%RSD	.3767424	.0685403	.8650864	.3693680	.3431420

#1	2498.187	56094.12	11829.20	1680.031	4400.257
#2	2510.178	56037.33	11931.71	1669.806	4421.332
#3	2491.601	56110.60	12035.65	1680.976	4392.028

Sample Name: LLICV01 Acquired: 2/27/2025 11:12:54 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208496	.0416080	.0107335	.0206967	.0527369	.0994515	.0849978
Stddev	.0025425	.0031520	.0004746	.0008290	.0017234	.0074648	.0011140
%RSD	12.19447	7.575529	4.421675	4.005419	3.267853	7.506005	1.310632

#1	.0194528	.0449475	.0112794	.0210590	.0507868	.0918953	.0846577
#2	.0237843	.0411917	.0104192	.0212829	.0540552	.1068214	.0862422
#3	.0193118	.0386848	.0105018	.0197483	.0533686	.0996377	.0840934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054641	.0058438	1.905550	.0097804	.0293622	.0218828	.0981532
Stddev	.0000320	.0000861	.016242	.0001956	.0003136	.0004854	.0036311
%RSD	.5857556	1.472453	.8523442	1.999975	1.068189	2.218133	3.699457

#1	.0054983	.0057445	1.903388	.0096888	.0290552	.0223447	.1021998
#2	.0054349	.0058954	1.922764	.0100051	.0293492	.0213769	.0951791
#3	.0054589	.0058916	1.890497	.0096475	.0296821	.0219267	.0970807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183057	1.952690	.0382883	.0107248	1.720078	.0355452	.0470580
Stddev	.0004963	.009243	.0002868	.0000707	.018245	.0004490	.0008887
%RSD	2.711384	.4733278	.7490492	.6590944	1.060687	1.263180	1.888525

#1	.0182507	1.948304	.0381993	.0107798	1.725588	.0359290	.0474034
#2	.0188273	1.963309	.0380566	.0107494	1.734933	.0356551	.0477221
#3	.0178392	1.946457	.0386091	.0106450	1.699714	.0350515	.0460484

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.857554	.0886406	.2078785	.0371992	.0371545	.3910641	.0220565
Stddev	.002710	.0008856	.0016295	.0003992	.0004209	.0075229	.0011284
%RSD	.1459081	.9991122	.7838466	1.073009	1.132813	1.923689	5.115773

#1	1.856219	.0893882	.2070563	.0370998	.0367947	.3915935	.0208330
#2	1.860672	.0888711	.2068240	.0368592	.0370515	.3983082	.0230561
#3	1.855769	.0876626	.2097553	.0376387	.0376173	.3832905	.0222804

Sample Name: LLICV01 Acquired: 2/27/2025 11:12:54 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0227522	.0174930	.0182737
Stddev	.0022159	.0007768	.0001490
%RSD	9.739055	4.440491	.8152587

#1	.0218565	.0181201	.0181975
#2	.0211243	.0177348	.0184454
#3	.0252756	.0166241	.0181782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.488	57179.76	12264.96	1695.513	4628.175
Stddev	16.902	291.61	26.32	13.281	28.776
%RSD	.6632088	.5099890	.2145693	.7832831	.6217503

#1	2552.061	57142.13	12294.54	1688.046	4632.612
#2	2563.318	56908.79	12256.22	1687.647	4654.474
#3	2530.085	57488.36	12244.13	1710.847	4597.438

Sample Name: ICB01 Acquired: 2/27/2025 11:17:12 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	-.002220	.0012484	-.000324	.0012455	.0005542	-.003041	-.004377
Stddev	.003448	.0014276	.000915	.0006970	.0017829	.002797	.000520
%RSD	155.3504	114.3624	282.6831	55.96247	321.7118	91.96501	11.88337

#1	-.001072	-.000226	-.000197	.0019796	-.000358	-.003913	-.003898
#2	.000509	.002624	-.001295	.0005927	.002609	-.005298	-.004930
#3	-.006096	.001347	.000521	.0011642	-.000588	.000088	-.004303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000198	.0000672	-.009318	.0000846	.0000285	-.000221	-.004751
Stddev	.0000583	.0000078	.008113	.0001288	.0000537	.000392	.002459
%RSD	294.0162	11.66014	87.06829	152.2020	188.8135	177.4520	51.76417

#1	.0000722	.0000720	-.002326	.0001214	.0000169	.000112	-.006918
#2	.0000302	.0000582	-.007415	-.000059	.0000870	-.000653	-.002078
#3	-.000043	.0000714	-.018213	.000191	-.000019	-.000121	-.005255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001864	-.002892	.0000470	.0004230	-.045583	-.000965	-.000138
Stddev	.0003701	.004713	.0000899	.0003692	.003935	.000618	.000072
%RSD	198.5775	162.9485	191.0040	87.27555	8.631751	64.01454	52.35615

#1	-.000038	.002492	-.000036	.0008052	-.049879	-.001667	-.000107
#2	-.000016	-.006272	.000035	.0000684	-.044716	-.000502	-.000221
#3	.000613	-.004897	.000142	.0003955	-.042154	-.000727	-.000087

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054720	-.001737	-.000064	-.000824	.0007465	.0022975	-.004153
Stddev	.021255	.001137	.000105	.000470	.0007782	.0008827	.001095
%RSD	38.84235	65.48309	165.6843	57.07512	104.2413	38.42238	26.36169

#1	-.038911	-.001660	-.000108	-.001319	.0013563	.0013907	-.004929
#2	-.046368	-.002910	-.000140	-.000769	.0010132	.0023477	-.002900
#3	-.078882	-.000639	.000057	-.000383	-.000130	.0031540	-.004629

Sample Name: ICB01 Acquired: 2/27/2025 11:17:12 Type: Unk
 Method: NON EPA-6010-200.7(v2738) 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	-.003044	-.006492	-.000056
Stddev	.001999	.000930	.000020
%RSD	65.67481	14.32424	36.33281

#1	-.003282	-.007459	-.000072
#2	-.004914	-.005605	-.000033
#3	-.000937	-.006411	-.000062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.130	56754.36	12290.78	1676.841	4677.109
Stddev	1.906	35.16	76.82	3.452	2.734
%RSD	.0745986	.0619480	.6250080	.2058746	.0584448

#1	2553.509	56713.80	12203.46	1674.805	4680.265
#2	2557.230	56776.16	12347.94	1674.890	4675.577
#3	2554.651	56773.11	12320.95	1680.826	4675.485

Sample Name: CRI01 Acquired: 2/27/2025 11:21:33 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0191817	.0406104	.0120880	.0213927	.0519573	.0968392	.0856283
Stddev	.0018353	.0016165	.0012833	.0021605	.0007262	.0014757	.0006269
%RSD	9.567693	3.980443	10.61619	10.09911	1.397720	1.523877	.7320704

#1	.0212160	.0411638	.0106346	.0201317	.0527957	.0953106	.0861513
#2	.0186787	.0418774	.0130648	.0201591	.0515251	.0969515	.0858002
#3	.0176505	.0387899	.0125646	.0238874	.0515510	.0982556	.0849334

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056625	.0058970	1.917790	.0100756	.0293298	.0218190	.0912462
Stddev	.0000426	.0000756	.009657	.0003488	.0001378	.0001633	.0039683
%RSD	.7525364	1.282398	.5035602	3.462087	.4697046	.7483195	4.348995

#1	.0056163	.0059163	1.928720	.0103193	.0294852	.0216308	.0869986
#2	.0056710	.0058136	1.914236	.0102315	.0292228	.0219038	.0948585
#3	.0057002	.0059611	1.910413	.0096760	.0292814	.0219225	.0918815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183258	1.943321	.0386100	.0105841	1.707158	.0350498	.0473613
Stddev	.0003330	.014369	.0002206	.0001348	.003305	.0007545	.0003890
%RSD	1.817162	.7394261	.5712920	1.273889	.1935842	2.152538	.8213499

#1	.0180098	1.929335	.0384705	.0104445	1.704691	.0341808	.0474878
#2	.0186735	1.942582	.0388643	.0107136	1.705869	.0355379	.0476713
#3	.0182942	1.958045	.0384952	.0105942	1.710913	.0354306	.0469248

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.831315	.0924389	.2061842	.0374360	.0369481	.3789932	.0228918
Stddev	.015184	.0005175	.0001149	.0001284	.0003504	.0102764	.0019633
%RSD	.8291065	.5598595	.0557179	.3430994	.9483248	2.711492	8.576284

#1	1.814484	.0925193	.2060640	.0373177	.0367822	.3675631	.0235019
#2	1.835481	.0918859	.2061958	.0374176	.0373506	.3819480	.0244775
#3	1.843981	.0929116	.2062928	.0375726	.0367114	.3874685	.0206959

Sample Name: CRI01 Acquired: 2/27/2025 11:21:33 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0197870	.0168489	.0183278
Stddev	.0014328	.0002536	.0000540
%RSD	7.241196	1.504877	.2946334

#1	.0198143	.0165632	.0183224
#2	.0212060	.0169360	.0183843
#3	.0183407	.0170473	.0182767

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.795	57053.02	11966.84	1716.573	4625.735
Stddev	2.632	199.19	34.16	13.822	6.992
%RSD	.1028431	.3491359	.2854445	.8052075	.1511570

#1	2555.757	57149.26	11935.99	1709.629	4630.297
#2	2560.267	56823.98	11960.97	1707.600	4617.685
#3	2560.361	57185.82	12003.55	1732.490	4629.224

Sample Name: ICSA01 Acquired: 2/27/2025 11:25:51 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0064674	.0014624	.0068084	-.017976	-.002788	242.4527
Stddev	.0032441	.0021628	.0008006	.001916	.001578	1.6957
%RSD	50.16112	147.8915	11.75962	10.65713	56.61040	.6993810

#1	.0102017	.0027590	.0059592	-.020161	-.000979	244.3790
#2	.0048561	.0026626	.0069164	-.017182	-.003886	241.7928
#3	.0043444	-.001034	.0075495	-.016584	-.003498	241.1861

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029481	.0015717	.0002071	221.2017	.0587584	.0018721
Stddev	.0003992	.0000586	.0001114	2.7649	.0009242	.0001410
%RSD	13.53971	3.726204	53.77106	1.249947	1.572847	7.530760

#1	.0033067	.0015600	.0000847	223.2748	.0597553	.0018966
#2	.0030197	.0016353	.0002344	222.2678	.0579302	.0017204
#3	.0025181	.0015199	.0003024	218.0624	.0585896	.0019991

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125947	96.11463	-.000043	240.7210	.0018239	-.002577
Stddev	.0005933	.69042	.000239	2.4902	.0001155	.000303
%RSD	4.710453	.7183250	559.3006	1.034493	6.332613	11.77675

#1	.0120467	96.88483	.000087	242.7030	.0019345	-.002517
#2	.0125125	95.90779	.000103	241.5343	.0018331	-.002308
#3	.0132247	95.55128	-.000318	237.9258	.0017040	-.002906

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147603	.0088011	.0053028	-.053353	F -.179673	-.000536
Stddev	.0030975	.0013505	.0002214	.045009	.001642	.000436
%RSD	20.98508	15.34522	4.175344	84.36035	.9137126	81.43692

#1	.0111848	.0091246	.0052315	-.092767	-.181493	-.001039
#2	.0166259	.0073181	.0055510	-.062983	-.179222	-.000292
#3	.0164703	.0099605	.0051258	-.004309	-.178304	-.000276

Sample Name: ICSA01 Acquired: 2/27/2025 11:25:51 Type: Unk
 Method: NON EPA-6010-200.7(v2738) 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	-.004229	-.000494	.0133261	-.001567	-.014804	-.003388
Stddev	.000333	.000438	.0019155	.004529	.001549	.000398
%RSD	7.863705	88.74664	14.37364	288.9270	10.46147	11.73866

#1	-.004604	-.000982	.0151174	-.005253	-.016446	-.003373
#2	-.003970	-.000362	.0135542	-.002937	-.014595	-.003793
#3	-.004114	-.000136	.0113069	.003488	-.013370	-.002998

Elem	Sr4077
Units	ppm
Avg	-.004031
Stddev	.000761
%RSD	18.86910

#1	-.003849
#2	-.003378
#3	-.004867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.091	50685.61	11443.81	1528.613	3791.830
Stddev	12.184	266.54	136.03	4.910	10.074
%RSD	.5369491	.5258620	1.188656	.3212044	.2656692

#1	2281.172	50383.97	11334.75	1526.439	3798.211
#2	2269.295	50783.48	11400.45	1534.234	3797.061
#3	2256.807	50889.37	11596.23	1525.165	3780.217

Sample Name: ICSAB01 Acquired: 2/27/2025 12:35:35 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1157683	.0932554	.0573385	.0569307	.6458171	255.2081	.4644084
Stddev	.0010712	.0012699	.0011768	.0043535	.0060418	3.2461	.0090927
%RSD	.9252607	1.361779	2.052316	7.647062	.9355341	1.271947	1.957910

#1	.1146605	.0930784	.0584358	.0609657	.6464533	252.6678	.4588200
#2	.1158459	.0920832	.0560958	.0575098	.6394824	258.8652	.4749003
#3	.1167986	.0946045	.0574838	.0523166	.6515157	254.0914	.4595049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4640573	1.007223	224.9436	.5826141	.5114359	.5116447	100.4033
Stddev	.0068879	.002064	4.2697	.0007516	.0006660	.0027378	.5367
%RSD	1.484269	.2049538	1.898112	.1290083	.1302196	.5350980	.5345126

#1	.4589463	1.006974	222.2784	.5834181	.5111976	.5100283	100.1805
#2	.4718902	1.005294	229.8682	.5819291	.5109217	.5101001	101.0155
#3	.4613355	1.009400	222.6842	.5824950	.5121882	.5148058	100.0140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4929253	242.6366	1.001139	.2227298	.0444760	.4680500	1.080799
Stddev	.0101800	4.8634	.003134	.0010087	.0109491	.0079367	.002419
%RSD	2.065212	2.004415	.3130369	.4528709	24.61797	1.695692	.2238532

#1	.4868945	239.5929	1.001483	.2222793	.0322846	.4620989	1.080927
#2	.5046787	248.2456	.997847	.2238852	.0476716	.4770612	1.083152
#3	.4872025	240.0712	1.004087	.2220248	.0534718	.4649899	1.078319

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062462	.9749418	1.124115	1.088794	.9907810	1.062226	.9932835
Stddev	.006861	.0117373	.003676	.003247	.0181023	.003281	.0053510
%RSD	10.98503	1.203896	.3270167	.2982155	1.827073	.3088757	.5387209

#1	-.060196	.9679829	1.121236	1.091655	.9791678	1.061613	.9898575
#2	-.057021	.9884932	1.122854	1.085265	1.011639	1.065770	.9905435
#3	-.070170	.9683493	1.128256	1.089461	.981536	1.059294	.9994496

Sample Name: ICSAB01 Acquired: 2/27/2025 12:35:35 Type: Unk
 Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.039627	.9643065	.9490675
Stddev	.003389	.0178601	.0188896
%RSD	.3259878	1.852117	1.990329

#1	1.043380	.9552457	.9380580
#2	1.036790	.9848808	.9708789
#3	1.038710	.9527928	.9382655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.514	49956.74	11674.91	1471.240	3721.566
Stddev	5.091	40.80	166.25	6.100	2.104
%RSD	.2300175	.0816642	1.424013	.4146080	.0565391

#1	2218.994	49920.63	11793.01	1464.388	3721.583
#2	2212.621	49948.60	11484.80	1473.257	3723.662
#3	2208.929	50001.00	11746.93	1476.077	3719.454

Sample Name: ICSADLX20 Acquired: 2/27/2025 12:39:47 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0021284	-.000046	.0004888	.0008766	12.20493	-.002469
Stddev	.001448	.0016112	.001255	.0009628	.0009850	.01589	.000601
%RSD	138570.0	75.69824	2718.411	196.9877	112.3674	.1301724	24.32201

#1	-.001550	.0016084	-.001478	.0001084	.0016970	12.22123	-.003155
#2	.000228	.0008414	.000475	-.000226	-.000216	12.18949	-.002038
#3	.001319	.0039353	.000865	.001584	.001149	12.20406	-.002214

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001599	-.000064	11.56984	.0026551	.0001066	.0001948	4.862040
Stddev	.0000608	.000022	.01553	.0002311	.0001057	.0005491	.048412
%RSD	38.02038	34.25385	.1342511	8.702725	99.10975	281.8292	.9957071

#1	.0002193	-.000082	11.56058	.0024214	.0000352	-.000366	4.882448
#2	.0001627	-.000071	11.56118	.0028835	.0002280	.000220	4.806766
#3	.0000978	-.000040	11.58778	.0026604	.0000567	.000731	4.896907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000142	11.93790	.0001334	.0001371	-.002421	.0004237	.0004720
Stddev	.000216	.10799	.0001825	.0001284	.003622	.0010179	.0003710
%RSD	152.5864	.9045685	136.7809	93.62743	149.6029	240.2487	78.59809

#1	.000079	11.83037	.0003112	-.000002	.000787	.0005438	.0004259
#2	-.000151	11.93701	.0001427	.000162	-.006348	-.000649	.0001262
#3	-.000353	12.04633	-.000054	.000251	-.001701	.001376	.0008638

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.067645	-.011713	-.000129	-.002645	.0003005	-.001149	-.004101
Stddev	.016685	.000622	.000318	.000356	.0003828	.004206	.000846
%RSD	24.66609	5.310492	246.5507	13.47585	127.3773	365.9247	20.62555

#1	-.050167	-.012358	.000209	-.002233	.0001612	.003400	-.003893
#2	-.083405	-.011116	-.000422	-.002855	.0000069	-.001952	-.005032
#3	-.069365	-.011666	-.000174	-.002846	.0007334	-.004896	-.003379

Sample Name: ICSADLX20 Acquired: 2/27/2025 12:39:47 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008429	-.006830	-.000132
Stddev	.0028117	.000290	.000046
%RSD	333.5952	4.252057	34.90142

#1	.0040890	-.006559	-.000136
#2	-.000834	-.007137	-.000084
#3	-.000726	-.006793	-.000176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.379	55929.34	11905.55	1688.850	4487.497
Stddev	15.230	563.88	75.73	25.381	31.933
%RSD	.6042615	1.008193	.6361008	1.502883	.7115930

#1	2537.963	56277.83	11981.84	1710.739	4524.236
#2	2511.810	56231.41	11904.40	1694.783	4466.408
#3	2511.365	55278.79	11830.40	1661.027	4471.847

Sample Name: ICSABDLX20 Acquired: 2/27/2025 12:44:03 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050765	.0056752	.0021780	.0022388	.0300574	11.91759	.0205442
Stddev	.0005169	.0009986	.0009630	.0022788	.0005283	.13176	.0001421
%RSD	10.18330	17.59654	44.21497	101.7858	1.757698	1.105631	.6918087

#1	.0050622	.0060720	.0028688	-.000189	.0300791	11.77018	.0206638
#2	.0045668	.0045392	.0010780	.002575	.0295186	12.02392	.0205818
#3	.0056004	.0064145	.0025873	.004331	.0305746	11.95867	.0203871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248709	.0495113	11.38969	.0297617	.0246080	.0261815	4.773871
Stddev	.0002612	.0003156	.10690	.0006015	.0002324	.0001798	.111505
%RSD	1.050444	.6374689	.9385341	2.020898	.9441887	.6867854	2.335740

#1	.0245758	.0494394	11.26679	.0291328	.0246617	.0262752	4.717400
#2	.0249642	.0492378	11.44118	.0298212	.0243535	.0262951	4.701898
#3	.0250727	.0498566	11.46110	.0303313	.0248087	.0259742	4.902315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230378	11.78303	.0492915	.0105912	-.001876	.0222684	.0531377
Stddev	.0004909	.14997	.0004335	.0003007	.009318	.0013283	.0010616
%RSD	2.130696	1.272781	.8795382	2.838673	496.6185	5.964777	1.997902

#1	.0226859	11.61239	.0494308	.0105956	-.012016	.0235945	.0522799
#2	.0228289	11.84277	.0488055	.0102883	.000079	.0209380	.0528080
#3	.0235985	11.89392	.0496384	.0108896	.006309	.0222726	.0543250

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052174	.0349132	.0525792	.0477757	.0468235	.0440264	.0416916
Stddev	.009805	.0012914	.0002175	.0006394	.0004976	.0044050	.0021859
%RSD	18.79275	3.698908	.4136547	1.338353	1.062821	10.00543	5.243109

#1	-.051626	.0335897	.0527928	.0475509	.0463823	.0447466	.0404424
#2	-.042654	.0349799	.0523580	.0484971	.0467253	.0480269	.0404167
#3	-.062241	.0361699	.0525868	.0472791	.0473629	.0393056	.0442156

Sample Name: ICSABDLX20 Acquired: 2/27/2025 12:44:03 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0395047	.0364804	.0445365
Stddev	.0034257	.0008114	.0003633
%RSD	8.671657	2.224098	.8156164

#1	.0367121	.0355523	.0442218
#2	.0433272	.0368330	.0449340
#3	.0384748	.0370557	.0444537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.031	55287.49	11687.09	1680.842	4539.830
Stddev	7.066	1095.53	115.21	43.637	22.573
%RSD	.2780790	1.981514	.9858011	2.596141	.4972268

#1	2541.807	56046.47	11819.97	1713.177	4534.283
#2	2547.677	55784.44	11626.25	1698.141	4564.660
#3	2533.609	54031.56	11615.05	1631.208	4520.548

Sample Name: CCV01 Acquired: 2/27/2025 13:43:01 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	5.080562	5.114251	4.945816	5.100669	5.122576	9.983406	9.557130
Stddev	.013469	.042387	.018643	.009908	.009253	.019777	.134985
%RSD	.2651110	.8288008	.3769388	.1942496	.1806408	.1980971	1.412401

#1	5.068598	5.066239	4.927950	5.091754	5.116413	9.966012	9.495931
#2	5.095150	5.146490	4.965148	5.111337	5.133217	10.00492	9.711874
#3	5.077940	5.130025	4.944349	5.098917	5.118100	9.97929	9.463584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2393006	2.450776	23.54885	1.027923	2.468925	1.282056	4.813908
Stddev	.0026506	.007814	.15919	.012187	.006295	.003248	.039047
%RSD	1.107636	.3188187	.6759794	1.185641	.2549671	.2533585	.8111233

#1	.2399534	2.441818	23.60825	1.041977	2.463012	1.279775	4.853760
#2	.2415638	2.456189	23.66980	1.021541	2.475543	1.285775	4.775719
#3	.2363846	2.454320	23.36851	1.020253	2.468219	1.280618	4.812246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.285449	23.59113	2.464692	1.273822	24.48375	2.411796	2.566383
Stddev	.005353	.15902	.005473	.013675	.29065	.009446	.032607
%RSD	.2342199	.6740608	.2220503	1.073532	1.187094	.3916512	1.270561

#1	2.285113	23.68871	2.458720	1.289507	24.63138	2.415375	2.604035
#2	2.290961	23.67705	2.469468	1.267561	24.14892	2.418930	2.547370
#3	2.280271	23.40764	2.465887	1.264400	24.67096	2.401084	2.547746

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.34972	4.728084	5.172479	4.947275	4.758697	5.134473	4.908547
Stddev	.31687	.053392	.016043	.014676	.010937	.038383	.030296
%RSD	1.250011	1.129253	.3101518	.2966434	.2298268	.7475532	.6172064

#1	25.51355	4.741454	5.157289	4.930330	4.762169	5.160668	4.874628
#2	24.98447	4.773520	5.189256	4.955567	4.767477	5.090414	4.932920
#3	25.55113	4.669277	5.170892	4.955928	4.746446	5.152337	4.918094

Sample Name: CCV01 Acquired: 2/27/2025 13:43:01 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	4.869639	4.837936	4.855720
Stddev	.020279	.015451	.053627
%RSD	.4164409	.3193751	1.104413

#1	4.847787	4.825810	4.858317
#2	4.887853	4.832666	4.908002
#3	4.873277	4.855333	4.800842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.405	55790.59	11612.81	1636.171	4324.559
Stddev	7.935	378.19	88.65	8.850	15.007
%RSD	.3200341	.6778830	.7633566	.5409057	.3470199

#1	2482.668	55363.54	11618.65	1629.545	4336.575
#2	2470.358	56083.17	11521.38	1646.222	4307.738
#3	2485.187	55925.06	11698.39	1632.746	4329.364

Sample Name: CCB01 Acquired: 2/27/2025 14:04:47 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0003881	.0008977	-.001343	-.001158	-.000779	-.003488	-.004379
Stddev	.0028691	.0025048	.000684	.001142	.000840	.002683	.000558
%RSD	739.2107	279.0060	50.91918	98.59923	107.8043	76.92925	12.73455

#1	.0036971	-.001763	-.001273	-.000582	.000182	-.002634	-.003746
#2	-.001408	.001246	-.000697	-.002473	-.001374	-.001335	-.004798
#3	-.001125	.003210	-.002060	-.000419	-.001144	-.006494	-.004592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000063	.0000168	-.008914	.0003680	-.000115	-.000117	-.000156
Stddev	.0000158	.0000721	.002486	.0001212	.000107	.000564	.002735
%RSD	250.9487	430.4611	27.88609	32.92612	93.06046	484.0183	1750.273

#1	-.000006	.0000964	-.006484	.0005079	-.000030	.000146	.002996
#2	.000001	-.000002	-.008806	.0002997	-.000235	.000268	-.001556
#3	.000024	-.000044	-.011452	.0002964	-.000080	-.000764	-.001908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000758	-.008135	-.000213	.0000573	-.036256	.0003988	-.000127
Stddev	.0000625	.007175	.000274	.0002759	.007976	.0009649	.000211
%RSD	82.45656	88.20517	128.2054	481.3461	21.99866	241.9289	166.5367

#1	.0000053	-.010576	.000096	.0002784	-.045238	-.000699	.000024
#2	.0001246	-.013770	-.000423	-.000252	-.033530	.000786	-.000367
#3	.0000976	-.000057	-.000313	.000145	-.030001	.001110	-.000037

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066185	.0049137	-.000037	-.000687	.0008487	.0020728	-.003587
Stddev	.021104	.0004587	.000332	.000552	.0008864	.0045650	.001778
%RSD	31.88639	9.335205	899.4939	80.29592	104.4349	220.2340	49.56941

#1	-.090133	.0051292	-.000277	-.001251	.0006533	.0054272	-.002590
#2	-.050308	.0043869	-.000176	-.000148	.0000764	.0039169	-.005639
#3	-.058113	.0052250	.000342	-.000663	.0018165	-.003126	-.002530

Sample Name: CCB01 Acquired: 2/27/2025 14:04:47 Type: Unk
 Method: NON EPA-6010-200.7(v2738) 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	-.002062	-.005217	.0000196
Stddev	.002283	.000565	.0000200
%RSD	110.7162	10.83210	101.8881

#1	-.002964	-.005332	-.000001
#2	-.003756	-.005715	.000039
#3	.000534	-.004603	.000020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.930	57593.13	12462.48	1724.383	4760.857
Stddev	14.741	1314.75	30.76	43.669	24.052
%RSD	.5689481	2.282827	.2467987	2.532432	.5052052

#1	2574.150	56082.83	12433.14	1675.040	4733.106
#2	2596.840	58481.72	12459.82	1758.049	4775.687
#3	2601.798	58214.84	12494.48	1740.061	4773.778

Sample Name: Q1416-01 Acquired: 2/27/2025 14:09:08 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0351184	-.045005	.1277327	-.044861	-.006418	102.6098
Stddev	.0006035	.002879	.0011386	.002829	.002402	.6561
%RSD	1.718357	6.397253	.8914057	6.306585	37.41921	.6393834

#1	.0345383	-.047611	.1277992	-.044536	-.003670	101.8579
#2	.0350742	-.045488	.1288366	-.042209	-.007473	103.0655
#3	.0357427	-.041914	.1265623	-.047840	-.008112	102.9061

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4459348	.0064263	.0109634	139.3666	.2361510	.1546035
Stddev	.0013149	.0000537	.0000250	.2332	.0013042	.0002660
%RSD	.2948615	.8349674	.2276793	.1673469	.5522785	.1720458

#1	.4448790	.0063993	.0109810	139.1121	.2352809	.1547715
#2	.4474077	.0064881	.0109348	139.4176	.2355216	.1547421
#3	.4455178	.0063916	.0109744	139.5702	.2376506	.1542968

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5504327	233.3566	2.753430	72.16918	.2464797	-.005314
Stddev	.0016778	.8311	.000990	.28866	.0007304	.000109
%RSD	.3048189	.3561409	.0359519	.3999827	.2963224	2.043399

#1	.5518804	232.9212	2.752297	71.86188	.2460942	-.005242
#2	.5508239	232.8336	2.753871	72.21101	.2473220	-.005439
#3	.5485938	234.3149	2.754123	72.43464	.2460228	-.005261

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.739473	.3833017	.6030075	23.08727	-.404232	.0183981
Stddev	.004957	.0016646	.0041532	.12591	.001159	.0006056
%RSD	.1325537	.4342686	.6887406	.5453546	.2866544	3.291447

#1	3.736392	.3851358	.6021480	22.94253	-.404088	.0177010
#2	3.736837	.3828823	.5993513	23.14780	-.405457	.0187000
#3	3.745191	.3818869	.6075232	23.17148	-.403153	.0187934

Sample Name: Q1416-01 Acquired: 2/27/2025 14:09:08 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	-.009270	5.958660	3.580592	F 14.19494	6.989642	.2198488
Stddev	.001171	.021435	.029240	.04613	.008862	.0012031
%RSD	12.63289	.3597226	.8166117	.3249401	.1267809	.5472516
#1	-.010623	5.935425	3.560054	14.19878	6.986075	.2184621
#2	-.008614	5.977662	3.567655	14.23902	6.999731	.2206154
#3	-.008575	5.962893	3.614069	14.14701	6.983120	.2204688

Elem	Sr4077
Units	ppm
Avg	.0382516
Stddev	.0015447
%RSD	4.038315
#1	.0375608
#2	.0400212
#3	.0371729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.860	66759.80	15262.33	1931.289	3989.372
Stddev	2.716	257.94	16.62	14.225	5.146
%RSD	.0927169	.3863717	.1088820	.7365472	.1289887
#1	2930.927	66912.17	15280.69	1934.310	3994.407
#2	2929.867	66905.25	15248.33	1943.760	3984.122
#3	2925.784	66461.98	15257.97	1915.796	3989.587

Sample Name: Q1428-01 Acquired: 2/27/2025 14:13:13 Type: Unk
Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848038	-.034706	1.726415	-.045637	.0133956	85.93208	.4930607
Stddev	.0027021	.003591	.005250	.001961	.0005400	.31288	.0021906
%RSD	3.186334	10.34778	.3040818	4.295965	4.031299	.3640985	.4442788

#1	.0824875	-.037416	1.729875	-.045097	.0139557	85.59682	.4918067
#2	.0877724	-.036069	1.720375	-.047810	.0133529	86.21629	.4955902
#3	.0841516	-.030633	1.728997	-.044002	.0128782	85.98313	.4917854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085516	.0060126	211.6481	.2851308	.0970649	.5615042	249.8736
Stddev	.0000630	.0004846	1.5070	.0002579	.0004515	.0017714	.0808
%RSD	.7368712	8.060211	.7120490	.0904631	.4651257	.3154764	.0323552

#1	.0085287	.0065714	212.5737	.2851705	.0974132	.5635457	249.8762
#2	.0086228	.0057073	212.4615	.2848554	.0972266	.5603733	249.9532
#3	.0085032	.0057591	209.9091	.2853667	.0965548	.5605937	249.7915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.623789	131.8342	.1532531	-.003569	6.658853	.4128242	.5339899
Stddev	.007490	.3258	.0004339	.000086	.015394	.0026223	.0017105
%RSD	.4612977	.2471143	.2831446	2.409183	.2311864	.6352038	.3203319

#1	1.618342	131.4735	.1529543	-.003475	6.658812	.4101342	.5323060
#2	1.632331	132.1071	.1530543	-.003644	6.674268	.4129654	.5357259
#3	1.620694	131.9220	.1537509	-.003589	6.643480	.4153730	.5339379

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.691385	-.278803	.0051189	.0759676	2.270045	6.640353	5.884145
Stddev	.018949	.004870	.0003914	.0007384	.011233	.002547	.012270
%RSD	.2180203	1.746744	7.646394	.9720378	.4948470	.0383613	.2085247

#1	8.687230	-.273197	.0055649	.0759258	2.258586	6.637439	5.886108
#2	8.712066	-.281228	.0048325	.0752509	2.281039	6.641466	5.895315
#3	8.674858	-.281984	.0049594	.0767260	2.270509	6.642154	5.871012

Sample Name: Q1428-01 Acquired: 2/27/2025 14:13:13 Type: Unk
 Method: NON EPA-6010-200.7(v2738) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.505488	.1648923	-.014208
Stddev	.006315	.0002267	.000842
%RSD	.1401552	.1374900	5.929313

#1	4.501409	.1647585	-.014975
#2	4.512762	.1647644	-.013306
#3	4.502293	.1651541	-.014342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.731	61164.32	14541.48	1730.552	3842.755
Stddev	6.271	52.49	20.03	2.315	6.847
%RSD	.2411209	.0858121	.1377650	.1337584	.1781675

#1	2594.071	61103.71	14553.29	1731.824	3836.885
#2	2606.523	61194.39	14518.35	1727.880	3850.276
#3	2601.598	61194.85	14552.81	1731.952	3841.103

Sample Name: Q1442-03 Acquired: 2/27/2025 14:17:24 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0603669	-.032788	.3748824	-.037878	-.001185	82.66718
Stddev	.0001474	.001056	.0041559	.002523	.000809	.35525
%RSD	.2441861	3.221429	1.108592	6.661310	68.23221	.4297374

#1	.0604868	-.032767	.3709791	-.036736	-.000687	82.87640
#2	.0602023	-.033855	.3792517	-.040771	-.002118	82.86814
#3	.0604115	-.031743	.3744163	-.036128	-.000751	82.25700

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.259148	.0102057	.0071852	109.6110	.2207406	.0879179
Stddev	.003480	.0001073	.0005819	.5765	.0010449	.0007773
%RSD	.2763613	1.051654	8.098224	.5259851	.4733669	.8841504

#1	1.260522	.0103235	.0075304	110.0510	.2195427	.0878641
#2	1.261731	.0101802	.0075119	109.8236	.2214646	.0887207
#3	1.255191	.0101134	.0065134	108.9583	.2212146	.0871688

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2814377	193.1981	3.745293	34.41889	.1762421	-.004636
Stddev	.0035736	.7328	.014371	.18010	.0009314	.000413
%RSD	1.269777	.3793172	.3837090	.5232566	.5284827	8.915188

#1	.2828420	192.3805	3.753388	34.54664	.1766367	-.005031
#2	.2840958	193.4180	3.753792	34.49714	.1769113	-.004207
#3	.2773752	193.7958	3.728701	34.21291	.1751784	-.004671

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.939497	.2812837	.7268781	15.31772	-.338146	.0021734
Stddev	.023720	.0018514	.0051977	.03496	.004718	.0005544
%RSD	.3993620	.6582062	.7150692	.2282386	1.395290	25.50880

#1	5.915090	.2804527	.7209036	15.29596	-.343028	.0015439
#2	5.940935	.2834050	.7303603	15.35804	-.337798	.0025889
#3	5.962465	.2799934	.7293705	15.29914	-.333611	.0023875

Sample Name: Q1442-03 Acquired: 2/27/2025 14:17:24 Type: Unk
Method: NON EPA-6010-200.7(v2738) 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	.0071684	3.347672	F 12.13947	6.390442	1.092419	.1618028
Stddev	.0003074	.017648	.40460	.026587	.005627	.0007469
%RSD	4.288219	.5271834	3.332896	.4160468	.5151102	.4616177

#1	.0071978	3.361582	12.44224	6.382844	1.090811	.1609476
#2	.0068474	3.327819	12.29622	6.420001	1.098676	.1621336
#3	.0074601	3.353614	11.67996	6.368480	1.087772	.1623272

Elem	Sr4077
Units	ppm
Avg	.0460460
Stddev	.0012877
%RSD	2.796603

#1	.0472061
#2	.0462715
#3	.0446604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.470	63252.60	14013.33	1843.423	4106.645
Stddev	23.034	154.59	93.88	11.058	34.172
%RSD	.8380553	.2443964	.6699136	.5998472	.8321139

#1	2737.594	63409.88	13944.96	1855.968	4095.561
#2	2732.889	63100.86	13974.67	1835.091	4079.391
#3	2774.928	63247.06	14120.37	1839.210	4144.983

Sample Name: CCV02 Acquired: 2/27/2025 14:51:17 Type: Unk
Method: NON EPA-6010-200.7(v2739) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.705176	4.580532	4.652272	4.683642	4.710584	9.439597
Stddev	.034366	.042714	.038011	.038530	.033655	.128628
%RSD	.7303811	.9325126	.8170415	.8226595	.7144574	1.362645

#1	4.689381	4.584456	4.641264	4.664480	4.699304	9.316563
#2	4.681547	4.535992	4.620981	4.658450	4.684017	9.573170
#3	4.744599	4.621149	4.694573	4.727997	4.748430	9.429058

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36561	.2325084	2.313177	26.27854	.9687413	2.316985
Stddev	.19912	.0026689	.017580	.33411	.0129083	.018030
%RSD	1.920937	1.147869	.7600050	1.271416	1.332479	.7781805

#1	10.18421	.2299292	2.310489	25.94154	.9679087	2.313535
#2	10.33397	.2352587	2.297095	26.60969	.9562694	2.300930
#3	10.57865	.2323371	2.331946	26.28439	.9820456	2.336491

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.188830	4.911883	2.619613	22.67314	2.310145	1.175259
Stddev	.006223	.069888	.032731	.33104	.016967	.015540
%RSD	.5234599	1.422836	1.249457	1.460075	.7344652	1.322260

#1	1.185939	4.896412	2.586294	22.33604	2.306818	1.174016
#2	1.184578	4.851026	2.651722	22.99778	2.295088	1.160377
#3	1.195972	4.988210	2.620824	22.68560	2.328530	1.191383

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.88967	2.290475	2.345642	22.67416	F 4.488401	4.781975
Stddev	.42394	.023822	.033450	.33549	.050061	.034635
%RSD	1.576604	1.040038	1.426029	1.479596	1.115334	.7242818

#1	26.86142	2.269043	2.349256	22.57406	4.449020	4.770594
#2	26.48055	2.316123	2.310532	22.40012	4.544737	4.754462
#3	27.32703	2.286258	2.377138	23.04830	4.471445	4.820868

Sample Name: CCV02 Acquired: 2/27/2025 14:51:17 Type: Unk
Method: NON EPA-6010-200.7(v2739) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.651169	F 4.475324	4.749523	4.608564	4.511101	F 4.403585
Stddev	.039425	.053167	.080223	.036743	.036587	.048781
%RSD	.8476443	1.187999	1.689069	.7972743	.8110524	1.107755
#1	4.650779	4.419785	4.708176	4.621965	4.496308	4.355756
#2	4.611940	4.525749	4.698408	4.567002	4.484225	4.453266
#3	4.690787	4.480438	4.841984	4.636726	4.552768	4.401734

Elem	Sr4077
Units	ppm
Avg	F 4.475201
Stddev	.099619
%RSD	2.226024
#1	4.394292
#2	4.444845
#3	4.586467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.597	57437.29	11511.61	1701.893	4447.011
Stddev	14.672	890.74	119.36	29.652	29.217
%RSD	.5714301	1.550809	1.036857	1.742293	.6570054
#1	2571.042	57505.61	11629.57	1697.413	4449.170
#2	2580.240	58291.90	11390.90	1733.530	4475.089
#3	2551.509	56514.35	11514.36	1674.736	4416.774

Sample Name: CCB02 Acquired: 2/27/2025 14:55:28 Type: Unk
Method: NON EPA-6010-200.7(v2739) 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	.0005339	.0035335	-.000198	-.000500	-.000249	-.001526	-.007728
Stddev	.0017598	.0012027	.001287	.000717	.000273	.004199	.000807
%RSD	329.6007	34.03545	648.8834	143.3708	109.6977	275.1948	10.43843

#1	.0004398	.0021540	.000630	-.001279	-.000548	-.006213	-.006800
#2	.0023389	.0040851	.000456	-.000353	-.000012	-.000257	-.008120
#3	-.001177	.0043615	-.001681	.000132	-.000188	.001892	-.008264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000331	.0000641	-.008330	.0002218	-.000036	-.000079	-.001694
Stddev	.0000309	.0000441	.000885	.0003379	.000231	.000045	.001779
%RSD	93.55568	68.78279	10.62851	152.3334	649.3091	57.01307	105.0445

#1	-.000000	.0001110	-.008964	.0006111	-.000062	-.000131	-.000021
#2	.000038	.0000236	-.008708	.0000044	-.000252	-.000053	-.001497
#3	.000061	.0000575	-.007319	.0000500	.000207	-.000053	-.003563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003115	-.002843	-.000334	.0000114	.0593711	-.000715	-.000198
Stddev	.0000750	.003083	.000052	.0001554	.0176385	.000503	.000112
%RSD	24.07863	108.4393	15.60104	1358.887	29.70887	70.35408	56.37533

#1	.0003532	-.003700	-.000388	-.000030	.0407571	-.000261	-.000243
#2	.0003564	-.005408	-.000328	.000183	.0615189	-.001255	-.000071
#3	.0002249	.000578	-.000284	-.000119	.0758374	-.000628	-.000281

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029824	.0041495	.0000190	-.000886	.0005494	.0006991	-.004677
Stddev	.014280	.0007304	.0001312	.000639	.0002814	.0026038	.000824
%RSD	47.88178	17.60192	689.0307	72.17596	51.22694	372.4348	17.62862

#1	-.043165	.0041187	.0001298	-.001409	.0006252	.0036639	-.004187
#2	-.031548	.0048948	-.000126	-.000173	.0007853	-.001216	-.004215
#3	-.014760	.0034350	.000053	-.001076	.0002379	-.000350	-.005629

Sample Name: CCB02 Acquired: 2/27/2025 14:55:28 Type: Unk
Method: NON EPA-6010-200.7(v2739) 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	-.000683	-.003844	.0000336
Stddev	.001151	.000112	.0000416
%RSD	168.4743	2.901816	123.7058

#1	-.001034	-.003730	.0000812
#2	-.001617	-.003953	.0000153
#3	.000602	-.003850	.0000043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2642.575	58123.24	12830.50	1760.155	4764.885
Stddev	5.347	759.18	76.21	18.917	9.195
%RSD	.2023409	1.306158	.5939399	1.074716	.1929767

#1	2647.428	58448.41	12742.70	1772.018	4772.637
#2	2643.453	58665.68	12879.48	1770.108	4767.292
#3	2636.843	57255.63	12869.32	1738.340	4754.726

Sample Name: LR1 Acquired: 2/27/2025 15:00:55 Type: Unk
Method: NON EPA-6010-200.7(v2740) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679644	.0034772	.0270082	-.213839	-.006963	1919.121	.0126025
Stddev	.0041884	.0085650	.0110102	.007870	.005231	87.774	.0013107
%RSD	6.162620	246.3201	40.76637	3.680321	75.12002	4.573653	10.40034

#1	.0693398	-.001035	.0325853	-.204889	-.008248	1950.557	.0123674
#2	.0712923	.013355	.0143253	-.219675	-.001210	1819.958	.0114253
#3	.0632613	-.001889	.0341139	-.216954	-.011433	1986.848	.0140149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086228	.0839787	1744.388	.0109575	.0271508	-.144552	1099.849
Stddev	.0003704	.0042287	61.818	.0000655	.0004677	.036748	39.410
%RSD	4.295647	5.035484	3.543817	.5979076	1.722479	25.42200	3.583176

#1	.0085858	.0814328	1751.537	.0108943	.0274260	-.160911	1116.748
#2	.0082722	.0816431	1679.307	.0110251	.0266108	-.170279	1127.992
#3	.0090103	.0888600	1802.321	.0109532	.0274156	-.102465	1054.809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120633	1711.365	.0033529	.0190133	1815.632	.0734419	.0977109
Stddev	.004225	56.730	.0005184	.0026217	54.567	.0031578	.0036648
%RSD	3.502539	3.314891	15.46219	13.78858	3.005383	4.299715	3.750655

#1	-.122366	1736.508	.0027555	.0220108	1829.388	.0762162	.0944727
#2	-.115816	1646.409	.0036850	.0171476	1862.005	.0700056	.1016893
#3	-.123715	1751.178	.0036183	.0178817	1755.504	.0741039	.0969708

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1224.246	^ *****	.0014877	.0027047	-.030799	.1375279	.0532387
Stddev	54.787	-----	.0020689	.0047010	.001140	.0055379	.0074290
%RSD	4.475126	-----	139.0618	173.8112	3.700559	4.026753	13.95413

#1	1219.869	^ -----	-.000503	-.002097	-.031562	.1383435	.0448488
#2	1281.090	^ -----	.001340	.007298	-.029489	.1316274	.0558853
#3	1171.780	^ -----	.003626	.002913	-.031347	.1426128	.0589819

Sample Name: LR1 Acquired: 2/27/2025 15:00:55 Type: Unk
 Method: NON EPA-6010-200.7(v2740) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.253177	.1533365	-1.08965
Stddev	.008080	.0244877	.03975
%RSD	3.191489	15.96989	3.647992

#1	-.258444	.1585458	-1.10653
#2	-.257213	.1748004	-1.11818
#3	-.243874	.1266634	-1.04425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.156	40720.56	10628.65	1187.315	2719.783
Stddev	2.828	1341.49	364.29	41.582	6.180
%RSD	.1569201	3.294377	3.427423	3.502158	.2272289

#1	1804.109	40754.67	10533.31	1192.210	2726.832
#2	1803.446	39362.33	11031.13	1143.502	2717.222
#3	1798.914	42044.66	10321.51	1226.232	2715.296

Sample Name: LR2 Acquired: 2/27/2025 15:05:53 Type: Unk
Method: NON EPA-6010-200.7(v2740) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055695	.0040961	263.2709	.0029446	.0062568	.1672205	^F *****
Stddev	.0037421	.0055527	3.3396	.0003001	.0016520	.0038597	----
%RSD	67.18932	135.5609	1.268491	10.19177	26.40358	2.308147	----

#1	.0019528	.0079471	266.6618	.0032555	.0055992	.1712075	^ ----
#2	.0094255	.0066101	263.1657	.0029216	.0081363	.1669518	^ ----
#3	.0053302	-.002269	259.9851	.0026566	.0050347	.1635022	^ ----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003204	-.004816	.2381490	.0173783	.0004460	245.1341	.0185177
Stddev	.000049	.000111	.0015479	.0012798	.0004015	4.3272	.0017754
%RSD	1.524580	2.302062	.6499890	7.364065	90.02646	1.765251	9.587620

#1	-.003165	-.004712	.2396026	.0165683	.0000440	250.0656	.0166097
#2	-.003259	-.004933	.2383231	.0188536	.0008470	243.3651	.0201211
#3	-.003188	-.004801	.2365214	.0167128	.0004470	241.9717	.0188224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.22634	-.069127	45.78280	-.000231	.2507953	-.014738	36.07550
Stddev	.27997	.013692	.59811	.000123	.0181965	.000881	2.28859
%RSD	.5928225	19.80648	1.306399	53.34009	7.255502	5.980652	6.343887

#1	47.09055	-.059256	46.38251	-.000328	.2631519	-.015541	34.70960
#2	47.04016	-.063366	45.77959	-.000092	.2593343	-.014878	38.71763
#3	47.54830	-.084757	45.18631	-.000273	.2298998	-.013795	34.79928

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3220271	.0017333	-.008072	-.005421	-.030901	-.002740	.3397053
Stddev	.0400864	.0004232	.000051	.000328	.000325	.003990	.0090102
%RSD	12.44815	24.41641	.6286195	6.054291	1.051816	145.6488	2.652372

#1	.3467355	.0019490	-.008128	-.005075	-.031157	-.003744	.3472132
#2	.3435705	.0012457	-.008057	-.005728	-.031010	-.006132	.3297137
#3	.2757754	.0020052	-.008030	-.005461	-.030535	.001657	.3421891

Sample Name: LR2 Acquired: 2/27/2025 15:05:53 Type: Unk
 Method: NON EPA-6010-200.7(v2740) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.021410	.0013724	.0014799
Stddev	.002578	.0008365	.0002015
%RSD	12.04272	60.94803	13.61606

#1	-.018433	.0014970	.0016996
#2	-.022904	.0021396	.0013037
#3	-.022894	.0004807	.0014364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.325	56622.37	12207.58	1641.620	4655.524
Stddev	34.170	2961.80	18.77	82.323	47.813
%RSD	1.503102	5.230792	.1537285	5.014724	1.027018

#1	2240.881	58134.60	12186.60	1681.543	4610.400
#2	2270.101	53209.73	12222.78	1546.948	4650.536
#3	2308.993	58522.78	12213.34	1696.369	4705.635

Sample Name: CCV03 Acquired: 2/27/2025 15:10:09 Type: Unk
Method: NON EPA-6010-200.7(v2741) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.632397	5.472489	4.584942	4.601726	4.667729	9.274177
Stddev	.008178	.016501	.019461	.014347	.020012	.039820
%RSD	.1765358	.3015236	.4244602	.3117798	.4287211	.4293669

#1	4.641110	5.455677	4.603788	4.599247	4.685380	9.306519
#2	4.631191	5.473130	4.586118	4.588779	4.645988	9.229701
#3	4.624888	5.488660	4.564919	4.617151	4.671817	9.286310

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08483	.2643314	2.286943	25.77377	.9567305	2.292705
Stddev	.07893	.0021840	.009568	.10447	.0183782	.006912
%RSD	.7827084	.8262217	.4183543	.4053537	1.920936	.3014669

#1	9.99405	.2638480	2.295423	25.84934	.9749746	2.299013
#2	10.13728	.2624297	2.288835	25.65455	.9569959	2.293786
#3	10.12317	.2667166	2.276571	25.81742	.9382211	2.285317

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.177565	4.710915	2.629274	24.30015	2.293589	1.157190
Stddev	.004173	.118391	.011076	.13280	.009470	.018537
%RSD	.3543436	2.513128	.4212432	.5465039	.4128884	1.601940

#1	1.181852	4.819359	2.637826	24.30063	2.302984	1.173642
#2	1.173517	4.728779	2.616763	24.16711	2.293737	1.160822
#3	1.177326	4.584607	2.633234	24.43272	2.284046	1.137105

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.52664	2.275981	2.282724	23.35151	F 4.170687	4.799387
Stddev	.70403	.011914	.041048	.65376	.030079	.009454
%RSD	2.758026	.5234503	1.798207	2.799628	.7212021	.1969902

#1	26.20421	2.285764	2.311002	23.97393	4.153803	4.807438
#2	25.57688	2.262714	2.301527	23.41023	4.152844	4.788976
#3	24.79884	2.279465	2.235642	22.67038	4.205415	4.801747

Sample Name: CCV03 Acquired: 2/27/2025 15:10:09 Type: Unk
Method: NON EPA-6010-200.7(v2741) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.583547	F 4.428601	4.950604	F 4.467614	F 4.364015	F 4.263318
Stddev	.017299	.018153	.113038	.012375	.018504	.028970
%RSD	.3774145	.4099054	2.283322	.2770026	.4240075	.6795104

#1	4.595926	4.447988	5.056703	4.479981	4.379323	4.296567
#2	4.590935	4.412005	4.963395	4.467632	4.369270	4.243514
#3	4.563781	4.425811	4.831714	4.455230	4.343452	4.249874

Elem	Sr4077
Units	ppm
Avg	F 4.452285
Stddev	.063495
%RSD	1.426127

#1	4.382177
#2	4.505923
#3	4.468754

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.519	58442.25	12435.68	1717.068	4552.512
Stddev	8.345	1081.40	87.49	36.751	20.566
%RSD	.3202980	1.850371	.7035481	2.140328	.4517554

#1	2595.934	57447.64	12469.92	1694.557	4530.807
#2	2611.168	58285.74	12500.88	1697.170	4555.018
#3	2609.456	59593.38	12336.25	1759.478	4571.710

Sample Name: CCB03 Acquired: 2/27/2025 15:14:21 Type: Unk
Method: NON EPA-6010-200.7(v2741) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001003	-.004230	.0001102	.0009631	.0006807	-.003117
Stddev	.001096	.000218	.0004098	.0020161	.0024186	.001805
%RSD	109.2138	5.159726	371.7588	209.3359	355.2975	57.91063

#1	-.002006	-.004447	.0005520	.0028519	.0025495	-.001528
#2	.000166	-.004011	-.000258	.0011971	.0015436	-.005080
#3	-.001170	-.004233	.000036	-.001160	-.002051	-.002743

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002473	.0000120	.0000334	-.007434	.0000850	.0001205
Stddev	.000792	.0000174	.0000232	.004979	.0004507	.0000714
%RSD	32.01670	144.5557	69.30600	66.97500	530.5291	59.24098

#1	-.003384	.0000211	.0000072	-.012479	-.000295	.0000698
#2	-.002088	-.000008	.0000421	-.007300	-.000033	.0002022
#3	-.001947	.000023	.0000509	-.002524	.000583	.0000896

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.002607	.0001842	-.005913	.0000765	.0002399
Stddev	.000354	.003973	.0002031	.005489	.0004829	.0000764
%RSD	1862.588	152.3926	110.2679	92.84404	631.6152	31.84360

#1	-.000379	-.000223	.0002883	-.011951	-.000047	.0002310
#2	.000328	-.000404	.0003142	-.001223	-.000333	.0003203
#3	-.000006	-.007193	-.000050	-.004564	.000609	.0001683

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.317390	.0003415	-.000100	.0709527	.0031115	-.000014
Stddev	.043509	.0005744	.000197	.0198912	.0011500	.000153
%RSD	1.311536	168.2241	197.8994	28.03445	36.96099	1099.028

#1	3.267179	.0004561	-.000220	.0718622	.0032709	-.000053
#2	3.341034	.0008499	-.000207	.0903736	.0018901	-.000143
#3	3.343958	-.000282	.000128	.0506224	.0041736	.000155

Sample Name: CCB03 Acquired: 2/27/2025 15:14:21 Type: Unk
Method: NON EPA-6010-200.7(v2741) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000582	.0008878	.0026657	-.003399	-.001363	-.001469
Stddev	.000257	.0003684	.0085187	.002271	.001240	.000284
%RSD	44.17397	41.50020	319.5617	66.81300	90.91107	19.36650

#1	-.000749	.0007407	.0121164	-.005249	.000020	-.001414
#2	-.000286	.0006157	-.004422	-.004084	-.001737	-.001777
#3	-.000711	.0013071	.000303	-.000864	-.002373	-.001216

Elem	Sr4077
Units	ppm
Avg	.0000615
Stddev	.0000158
%RSD	25.62324

#1	.0000783
#2	.0000590
#3	.0000471

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.091	58621.82	12539.66	1763.829	4929.275
Stddev	14.207	66.86	275.23	5.749	34.665
%RSD	.5281072	.1140537	2.194871	.3259153	.7032400

#1	2678.858	58647.79	12533.93	1760.029	4897.385
#2	2685.353	58545.87	12817.72	1770.443	4924.269
#3	2706.061	58671.80	12267.35	1761.016	4966.170