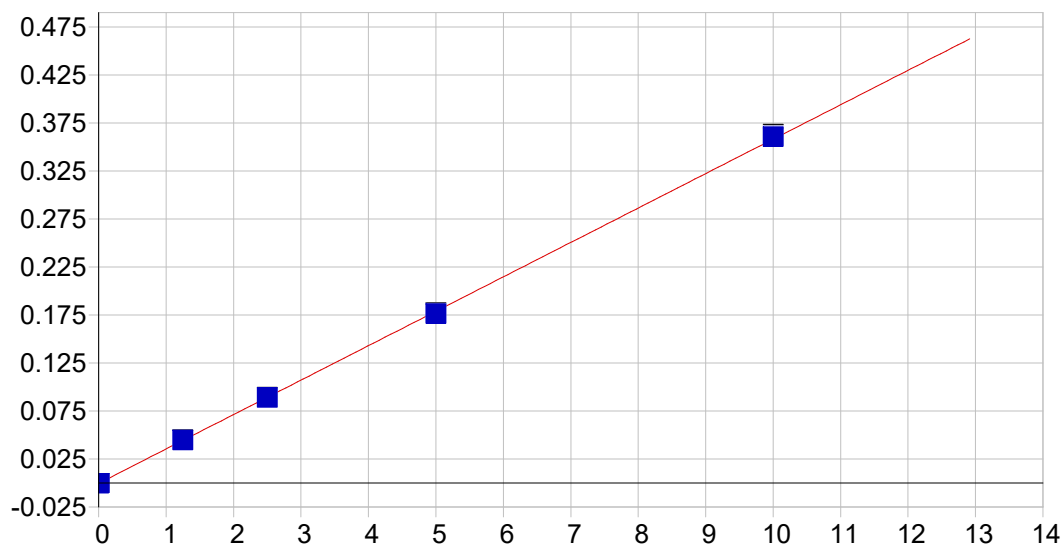


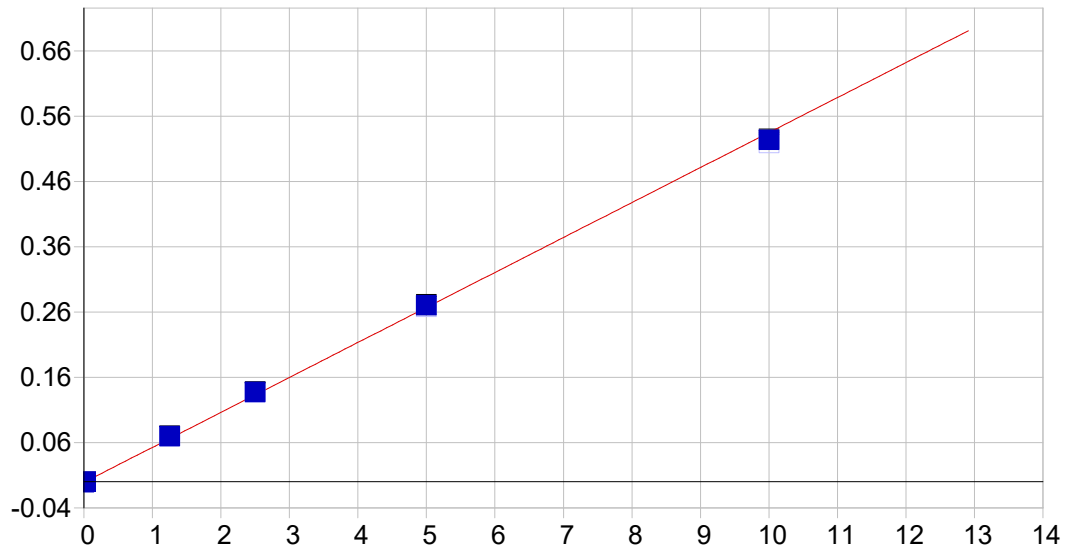


As 189.042 {479}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000429 Re-Slope: 1.000000
 A1 (Gain): 0.035856 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.006720
 Predicted MQL: 0.022400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.01000	.00926	-.001	-7.45	-.00010	.000	1
S2	1.2500	1.2542	.004	.334	.04466	.000	1
S3	2.5000	2.4901	-.010	-.396	.08909	.000	1
S4	5.0000	4.9326	-.067	-1.35	.17690	.001	1
S5	10.000	10.074	.074	.739	.36172	.002	1

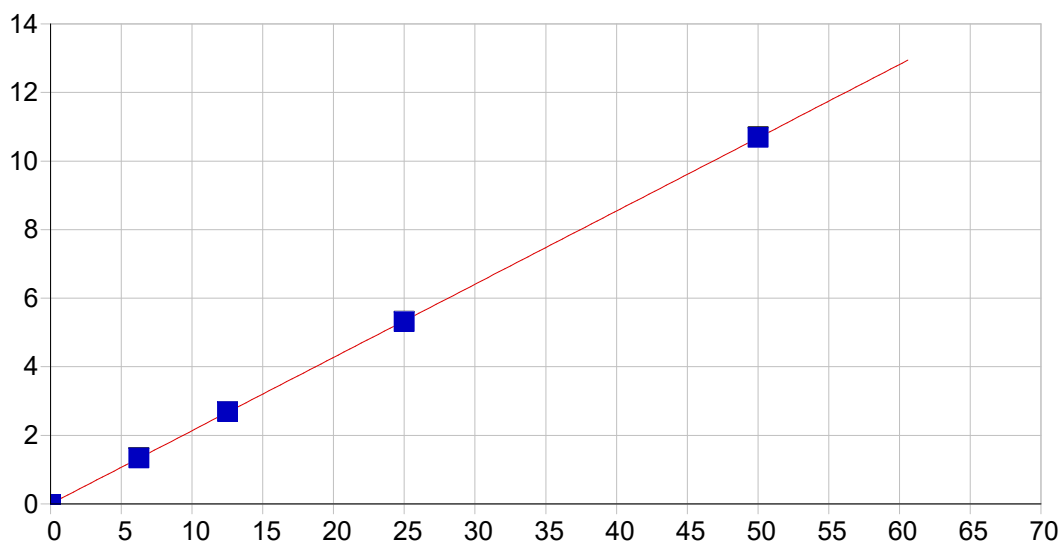


TI 190.856 {477}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000906 Re-Slope: 1.000000
 A1 (Gain): 0.053574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999681 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.004560
 Predicted MQL: 0.015200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00091	.000	1
S1	.02500	.02407	-.001	-3.73	.00032	.000	1
S2	1.2500	1.3196	.070	5.57	.06918	.001	1
S3	2.5000	2.5843	.084	3.37	.13632	.001	1
S4	5.0000	5.0564	.056	1.13	.26755	.002	1
S5	10.000	9.7906	-.209	-2.09	.51874	.001	1

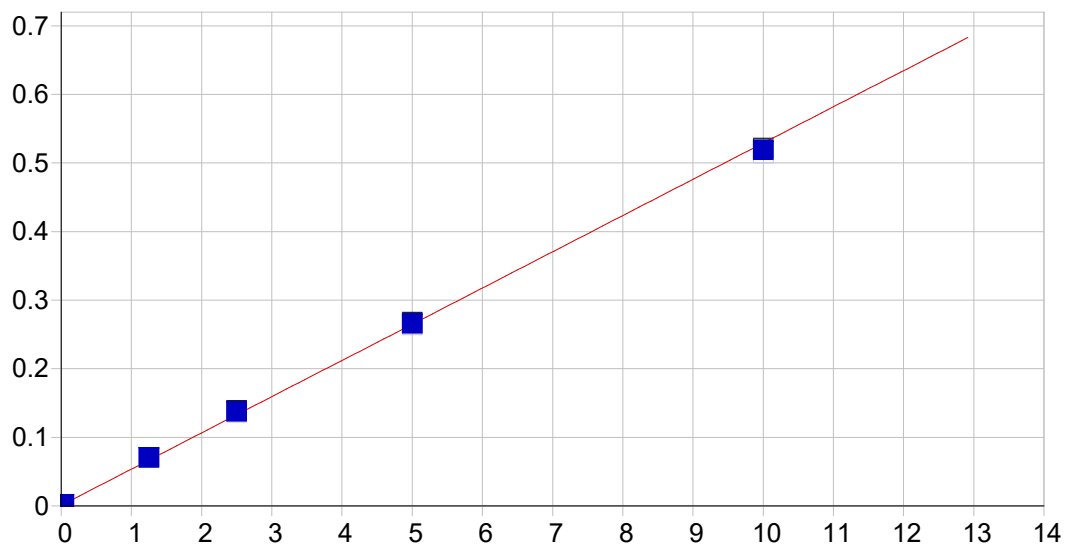


Pb 220.353 {453}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000819 Re-Slope: 1.000000
 A1 (Gain): 0.213553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002390
 Predicted MQL: 0.007965

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.01000	.00986	-.000	-1.39	.00293	.001	1
S2	6.2500	6.2597	.010	.155	1.3384	.003	1
S3	12.500	12.577	.077	.612	2.6881	.006	1
S4	25.000	24.883	-.117	-.470	5.3176	.009	1
S5	50.000	50.031	.031	.063	10.691	.012	1

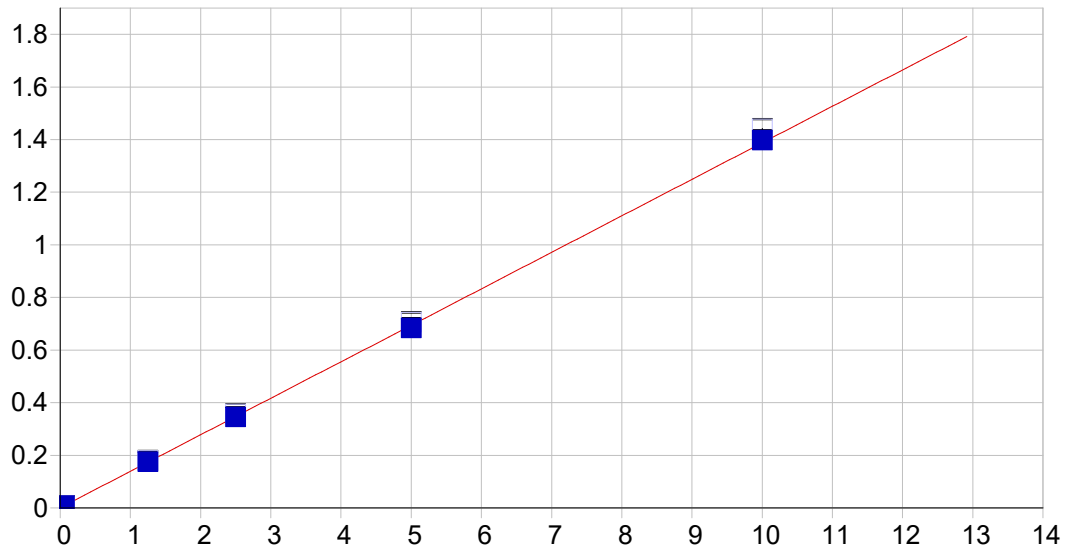


Se 196.090 {472}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000777	Re-Slope:	1.000000
A1 (Gain):	0.052827	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999708	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.005479		
Predicted MQL:	0.018265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00078	.000	1
S1	.03500	.03466	-.000	-.960	.00261	.000	1
S2	1.2500	1.3199	.070	5.59	.06988	.000	1
S3	2.5000	2.5920	.092	3.68	.13647	.001	1
S4	5.0000	5.0225	.023	.451	.26364	.002	1
S5	10.000	9.8159	-.184	-1.84	.51439	.002	1

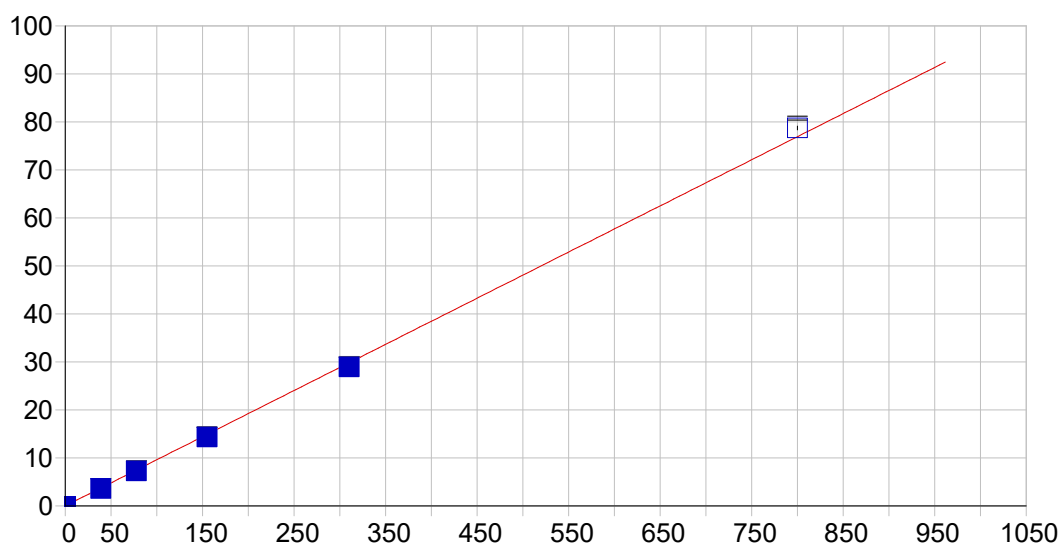


Sb 206.833 {463}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000516	Re-Slope:	1.000000
A1 (Gain):	0.138708	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.002649		
Predicted MQL:	0.008830		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.06000	.06117	.001	1.95	.00900	.000	1
S2	1.2500	1.2561	.006	.486	.18004	.001	1
S3	2.5000	2.4909	-.009	-.365	.35661	.001	1
S4	5.0000	4.9277	-.072	-1.45	.70521	.002	1
S5	10.000	10.074	.074	.742	1.4402	.002	1

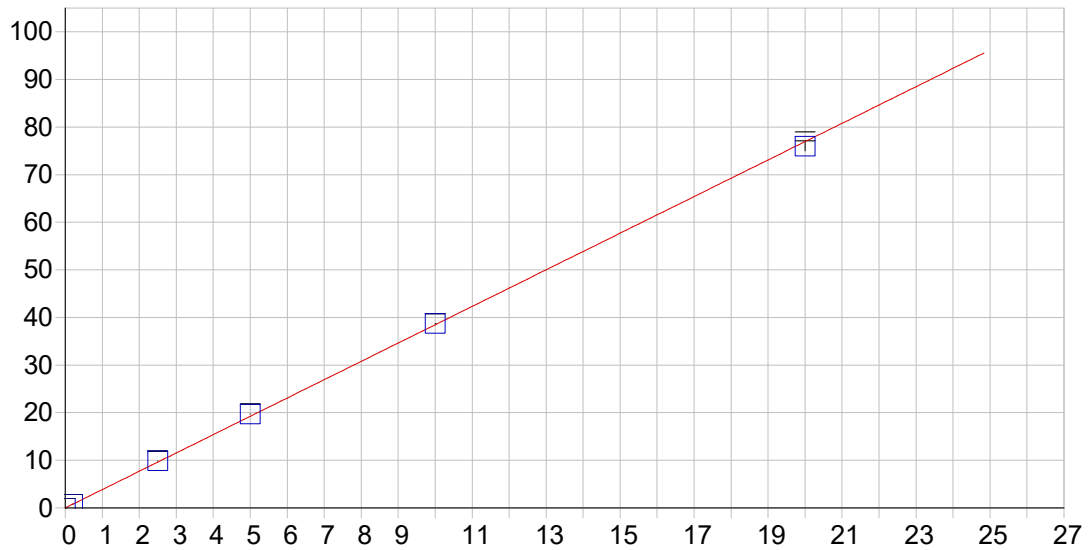


AI 396.152 { 85}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002038 Re-Slope: 1.000000
 A1 (Gain): 0.096157 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999616 Status: OK.
 Std Error of Est: 0.001657
 Predicted MDL: 0.010720
 Predicted MQL: 0.035735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00204	.001	1
S1	.20000	.21200	.012	6.00	.02245	.001	1
S2	38.750	37.597	-1.15	-2.98	3.6211	.010	1
S3	77.500	75.281	-2.22	-2.86	7.2486	.068	1
S4	155.00	148.76	-6.24	-4.03	14.322	.049	1
S5	310.00	300.84	-9.16	-2.95	28.961	.075	1
S6	800.00	818.78	18.8	2.35	78.733	.413	1

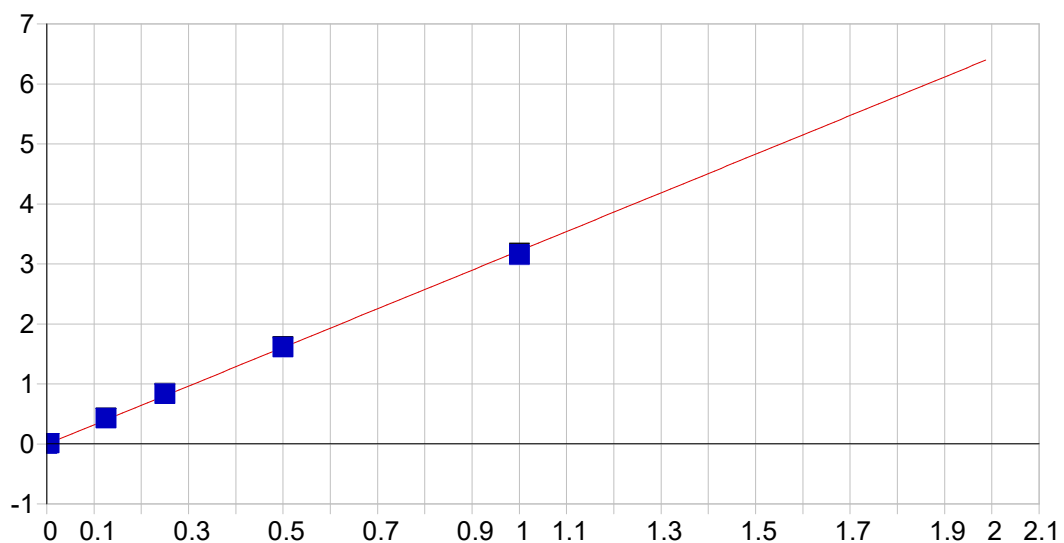


Ba 493.409 { 68}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008044 Re-Slope: 1.000000
 A1 (Gain): 3.846785 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.006091
 Predicted MDL: 0.000830
 Predicted MQL: 0.002767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00800	.001	1
S1	.20000	.20191	.002	.953	.78473	.005	1
S2	2.5000	2.5620	.062	2.48	9.8637	.016	1
S3	5.0000	5.1263	.126	2.53	19.728	.049	1
S4	10.000	10.063	.063	.634	38.720	.008	1
S5	20.000	19.746	-.254	-1.27	75.968	.933	1

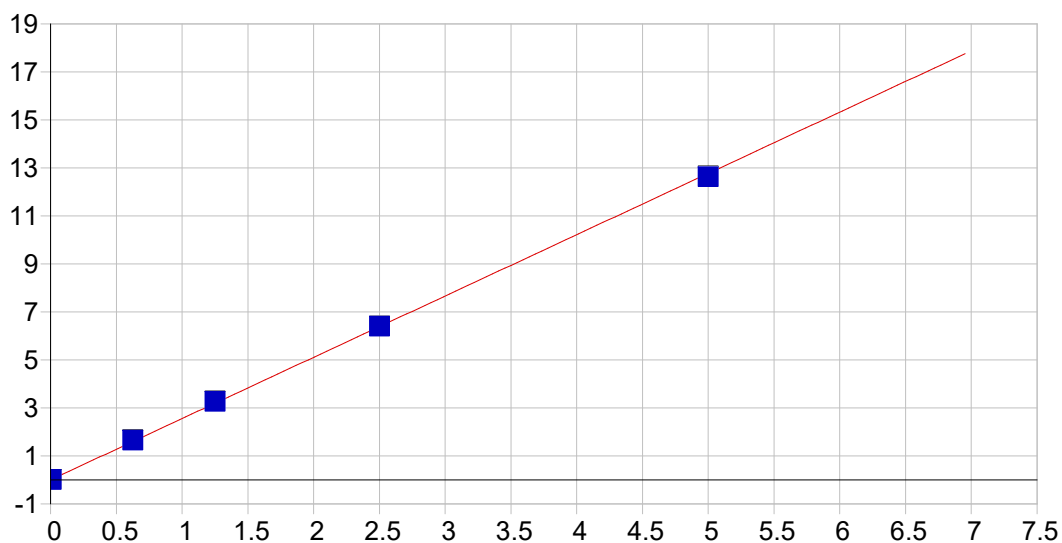


Be 234.861 {144}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002485	Re-Slope:	1.000000
A1 (Gain):	3.220387	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999604	Status:	OK.
Std Error of Est:	0.000339		
Predicted MDL:	0.000112		
Predicted MQL:	0.000375		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00249	.000	1
S1	.00500	.00564	.001	12.9	.01568	.000	1
S2	.12500	.13350	.009	6.80	.42640	.001	1
S3	.25000	.26010	.010	4.04	.83307	.008	1
S4	.50000	.50103	.001	.205	1.6069	.010	1
S5	1.0000	.97973	-.020	-2.03	3.1443	.026	1

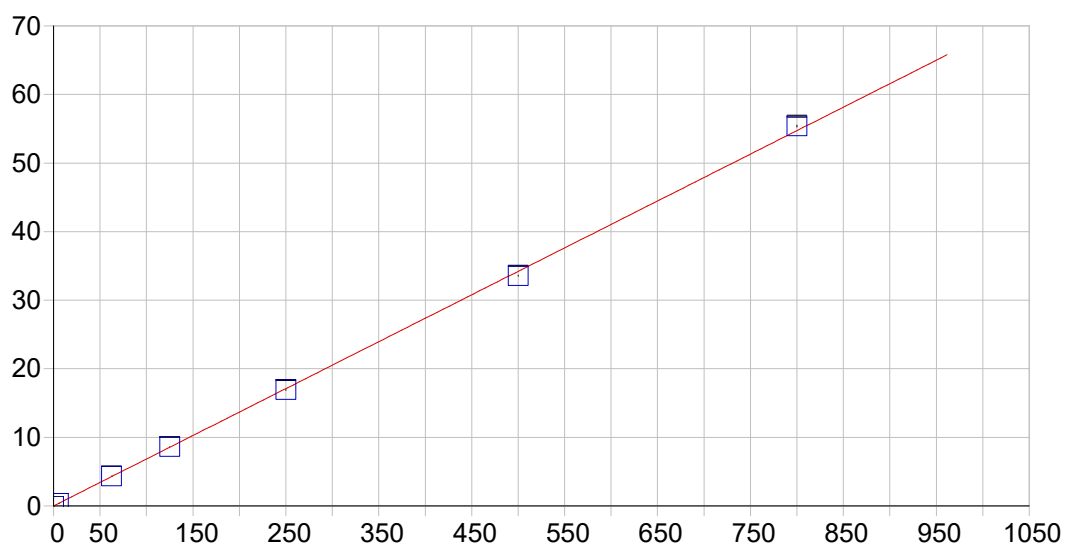


Cd 214.438 {457}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000
 A1 (Gain): 2.554142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000339
 Predicted MDL: 0.000139
 Predicted MQL: 0.000463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.00500	.00551	.001	10.2	.01423	.000	1
S2	.62500	.64804	.023	3.69	1.6585	.002	1
S3	1.2500	1.2805	.031	2.44	3.2771	.003	1
S4	2.5000	2.5049	.005	.198	6.4107	.006	1
S5	5.0000	4.9410	-.059	-1.18	12.645	.024	1

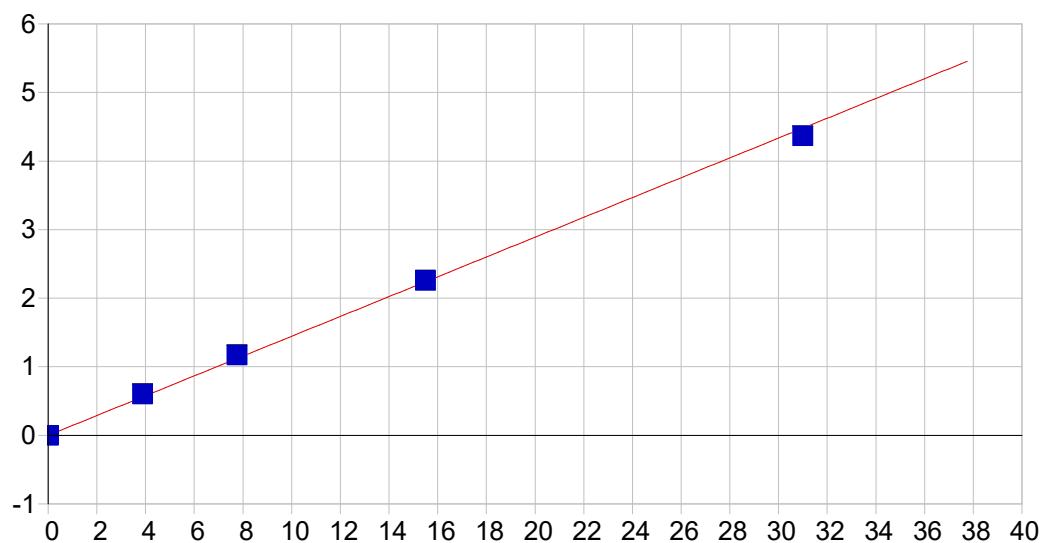


Ca 373.690 { 90}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001206 Re-Slope: 1.000000
 A1 (Gain): 0.068411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.003530
 Predicted MDL: 0.014362
 Predicted MQL: 0.047874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	-.000	.000	.00118	.001	1
S1	5.0000	5.3676	.368	7.35	.36841	.002	1
S2	62.500	63.522	1.02	1.64	4.3468	.007	1
S3	125.00	125.91	.906	.725	8.6146	.011	1
S4	250.00	247.27	-2.73	-1.09	16.918	.061	1
S5	500.00	490.55	-9.45	-1.89	33.560	.074	1
S6	800.00	809.88	9.88	1.24	55.406	.135	1

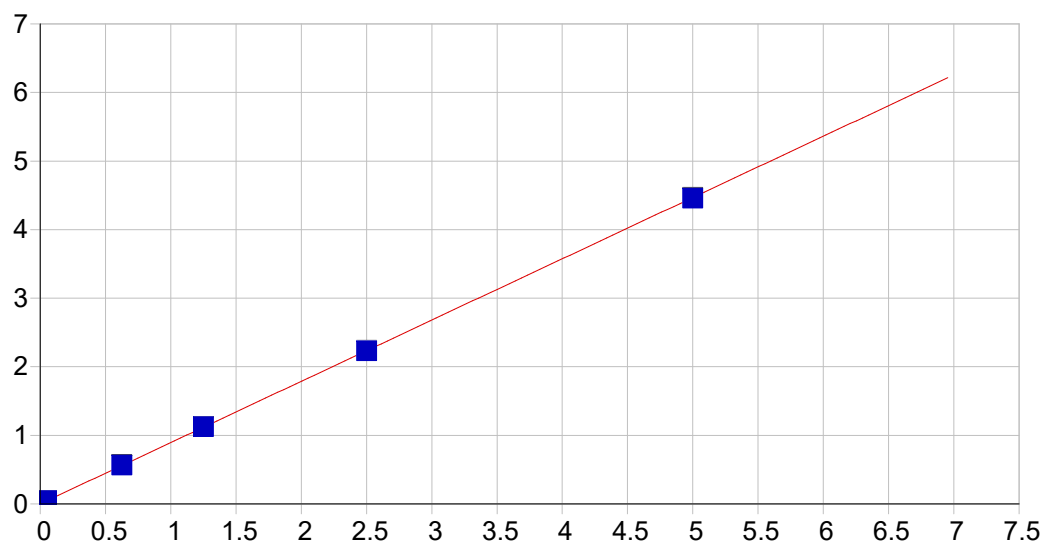


Cr 267.716 {126}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.144495 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.000748
 Predicted MQL: 0.002494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01136	.001	13.6	.00158	.000	1
S2	3.8750	4.1702	.295	7.62	.60267	.002	1
S3	7.7500	8.1087	.359	4.63	1.1719	.001	1
S4	15.500	15.634	.134	.862	2.2596	.002	1
S5	31.000	30.211	-.789	-2.54	4.3666	.004	1

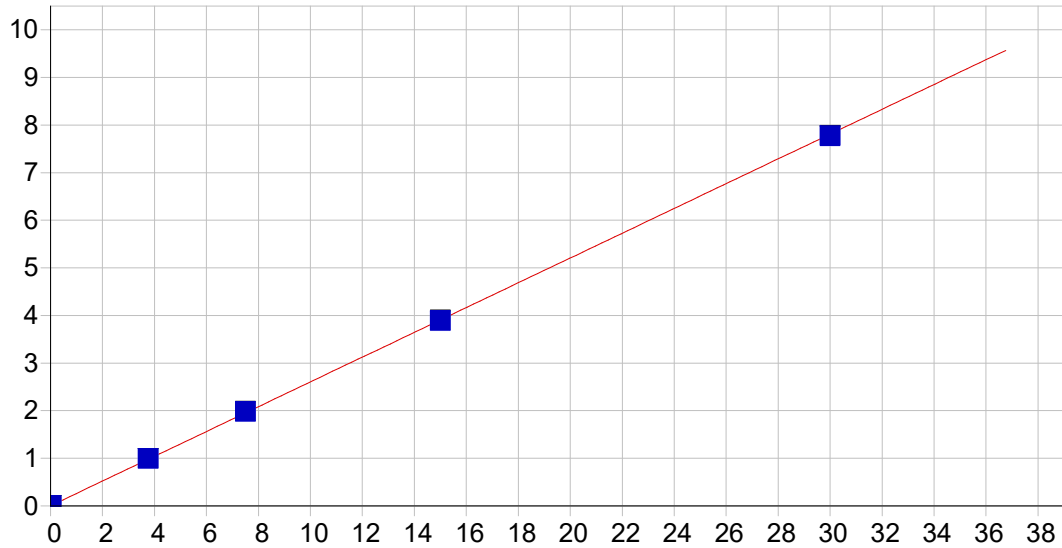


Co 228.616 {448}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.893625 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.000396
 Predicted MQL: 0.001319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.05000	.05186	.002	3.73	.04669	.000	1
S2	.62500	.63172	.007	1.08	.56555	.002	1
S3	1.2500	1.2587	.009	.695	1.1267	.002	1
S4	2.5000	2.4954	-.005	-.182	2.2335	.005	1
S5	5.0000	4.9873	-.013	-.255	4.4636	.006	1

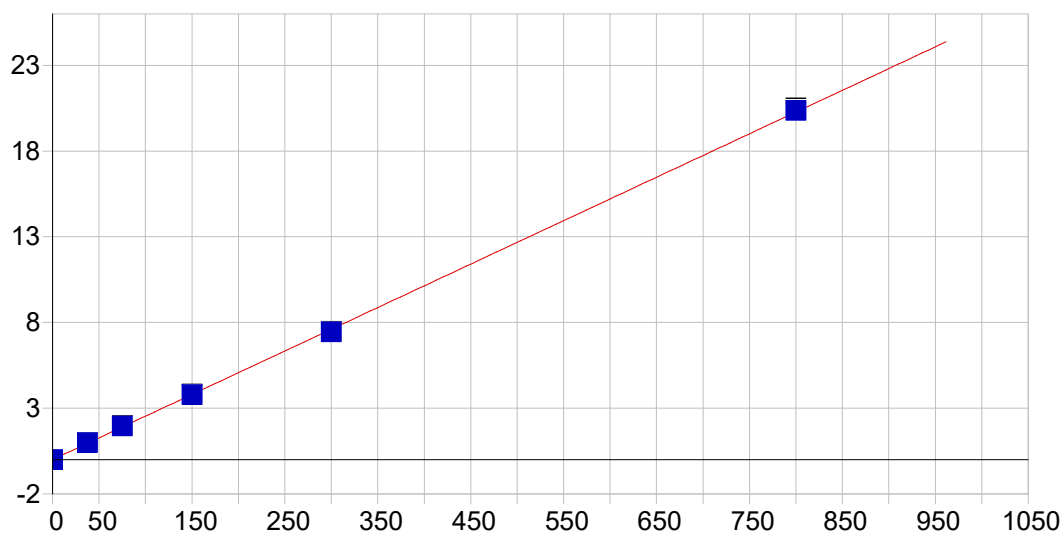


Cu 324.754 {104}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001651 Re-Slope: 1.000000
 A1 (Gain): 0.260306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.002491
 Predicted MQL: 0.008302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00165	.000	1
S1	.02500	.02869	.004	14.7	.00910	.001	1
S2	3.7500	3.8211	.071	1.90	.99498	.002	1
S3	7.5000	7.6086	.109	1.45	1.9796	.005	1
S4	15.000	14.948	-.052	-.346	3.8875	.011	1
S5	30.000	29.869	-.131	-.438	7.7661	.008	1

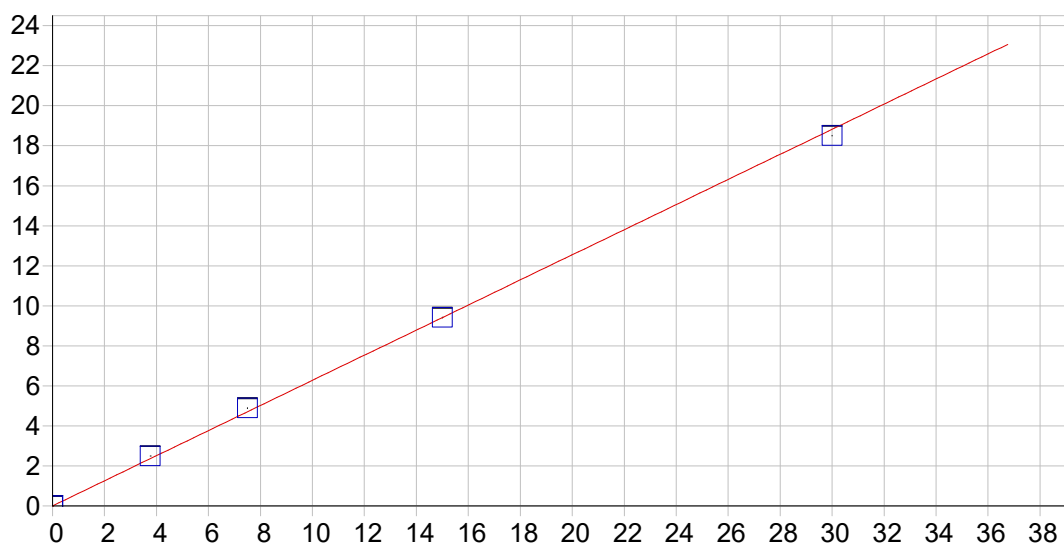


Fe 259.837 {130}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.025343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.011098
 Predicted MQL: 0.036993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.10604	.006	6.04	.00271	.000	1
S2	37.500	38.758	1.26	3.35	.98339	.006	1
S3	75.000	77.177	2.18	2.90	1.9582	.029	1
S4	150.00	149.58	-.422	-.281	3.7953	.022	1
S5	300.00	293.72	-6.28	-2.09	7.4529	.029	1
S6	800.00	803.26	3.26	.408	20.371	.135	1

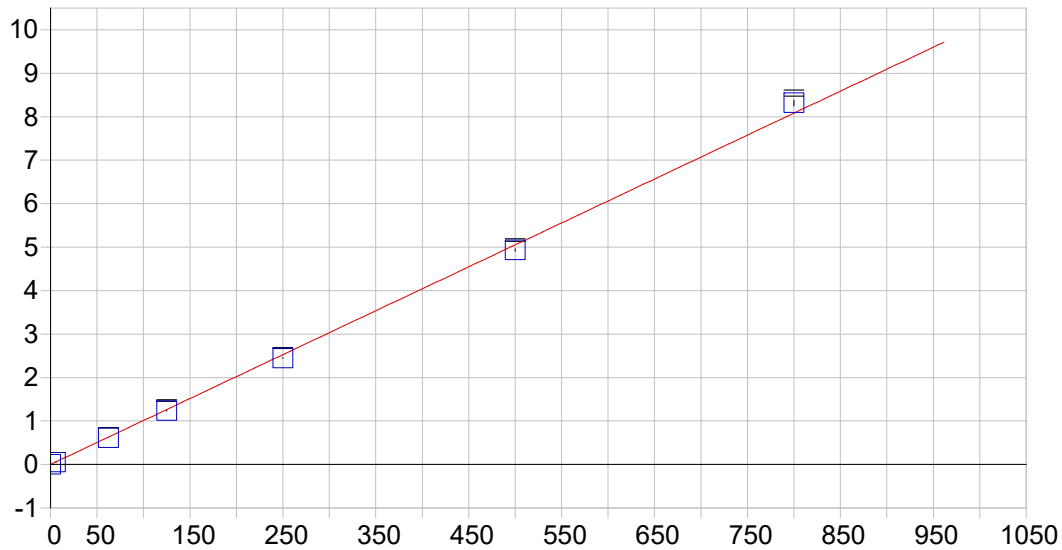


Mn 257.610 {131}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000369	Re-Slope:	1.000000
A1 (Gain):	0.627469	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999699	Status:	OK.
Std Error of Est:	0.000547		
Predicted MDL:	0.000515		
Predicted MQL:	0.001717		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.01500	.01611	.001	7.42	.01048	.000	1
S2	3.7500	3.9754	.225	6.01	2.4948	.007	1
S3	7.5000	7.7915	.292	3.89	4.8893	.020	1
S4	15.000	14.999	-.001	-.008	9.4116	.026	1
S5	30.000	29.483	-.517	-1.72	18.500	.015	1

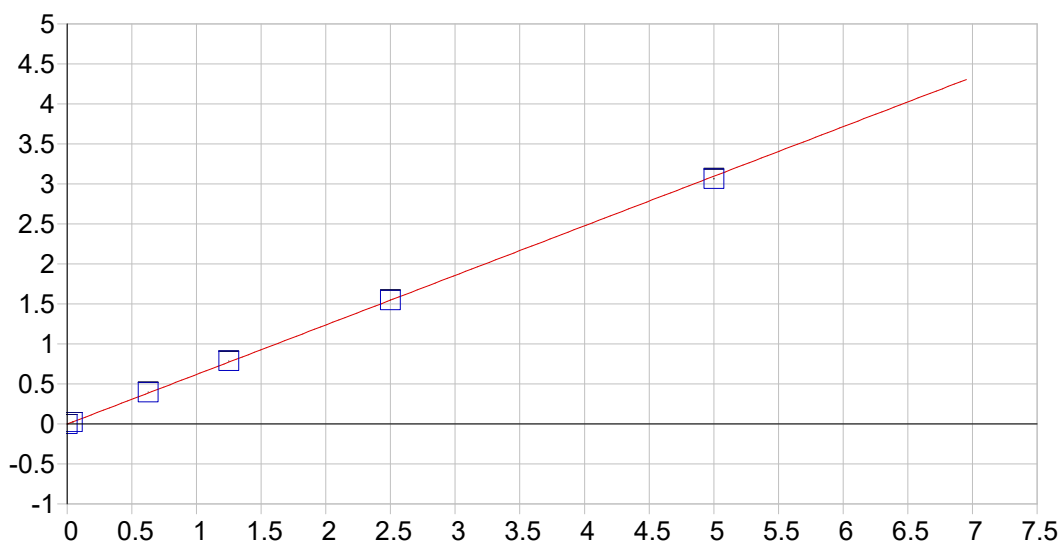


Mg 279.079 {121}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.010104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632 Status: OK.
 Std Error of Est: 0.000957
 Predicted MDL: 0.033213
 Predicted MQL: 0.110709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	-.00011	.000	1
S1	5.0000	4.9728	-.027	-.544	.05014	.000	1
S2	62.500	60.773	-1.73	-2.76	.61395	.003	1
S3	125.00	122.74	-2.26	-1.81	1.2401	.019	1
S4	250.00	242.32	-7.68	-3.07	2.4483	.013	1
S5	500.00	488.29	-11.7	-2.34	4.9337	.027	1
S6	800.00	823.41	23.4	2.93	8.3198	.070	1

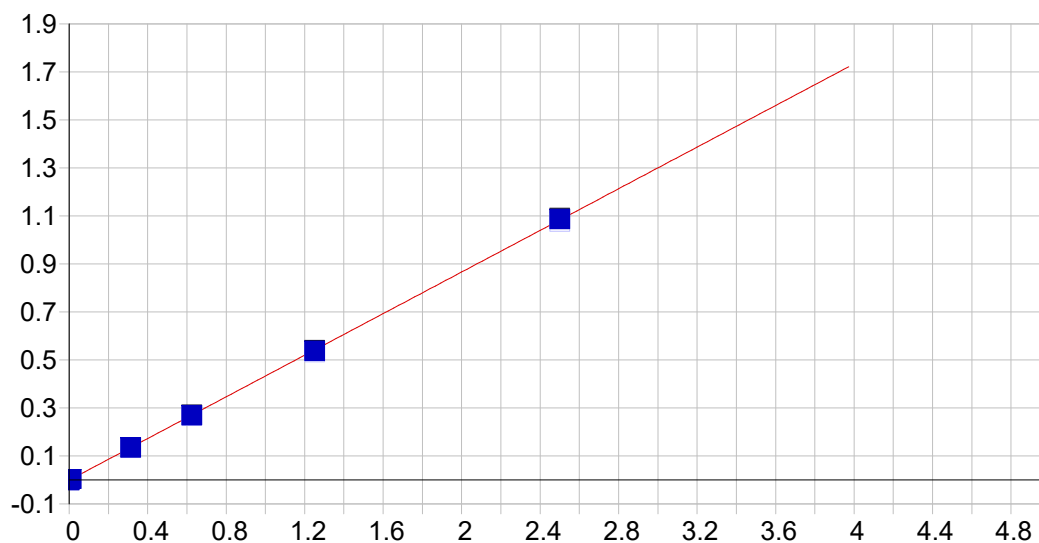


Ni 231.604 {446}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001945 Re-Slope: 1.000000
 A1 (Gain): 0.619490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000201
 Predicted MDL: 0.000656
 Predicted MQL: 0.002188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00195	.000	1
S1	.04000	.04283	.003	7.08	.02459	.001	1
S2	.62500	.64429	.019	3.09	.39719	.001	1
S3	1.2500	1.2740	.024	1.92	.78731	.002	1
S4	2.5000	2.5031	.003	.125	1.5487	.002	1
S5	5.0000	4.9507	-.049	-.986	3.0650	.006	1

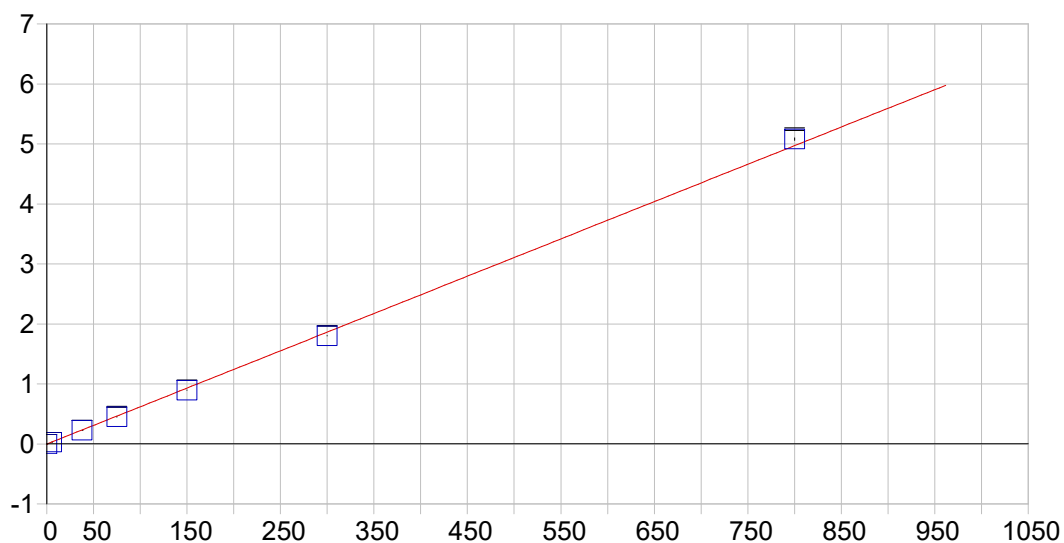


Ag 328.068 {103}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000802	Re-Slope:	1.000000
A1 (Gain):	0.433545	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000486		
Predicted MQL:	0.001620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00080	.000	1
S1	.01000	.01081	.001	8.06	.00385	.000	1
S2	.31250	.31181	-.001	-.222	.13294	.000	1
S3	.62500	.62380	-.001	-.193	.26676	.001	1
S4	1.2500	1.2420	-.008	-.643	.53188	.003	1
S5	2.5000	2.5091	.009	.365	1.0755	.003	1

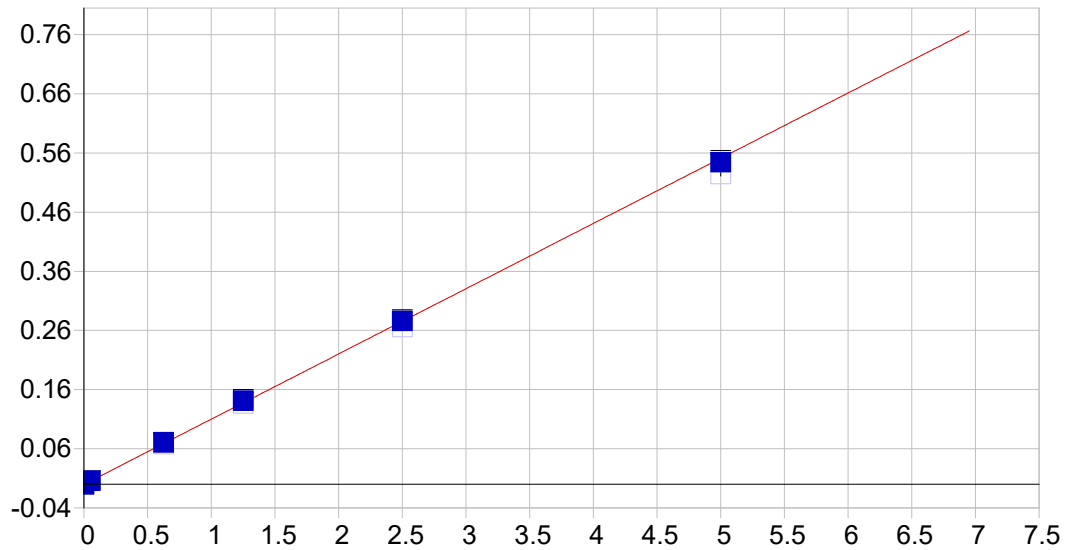


Na 818.326 { 41}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002628	Re-Slope:	1.000000
A1 (Gain):	0.006217	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999649	Status:	OK.
Std Error of Est:	0.000510		
Predicted MDL:	0.298027		
Predicted MQL:	0.993424		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	-.00263	.001	1
S1	5.0000	5.2494	.249	4.99	.03001	.001	1
S2	37.500	36.796	-.704	-1.88	.22614	.001	1
S3	75.000	73.310	-1.69	-2.25	.45316	.008	1
S4	150.00	144.53	-5.47	-3.65	.89591	.002	1
S5	300.00	290.22	-9.78	-3.26	1.8017	.003	1
S6	800.00	817.40	17.4	2.18	5.0793	.023	1

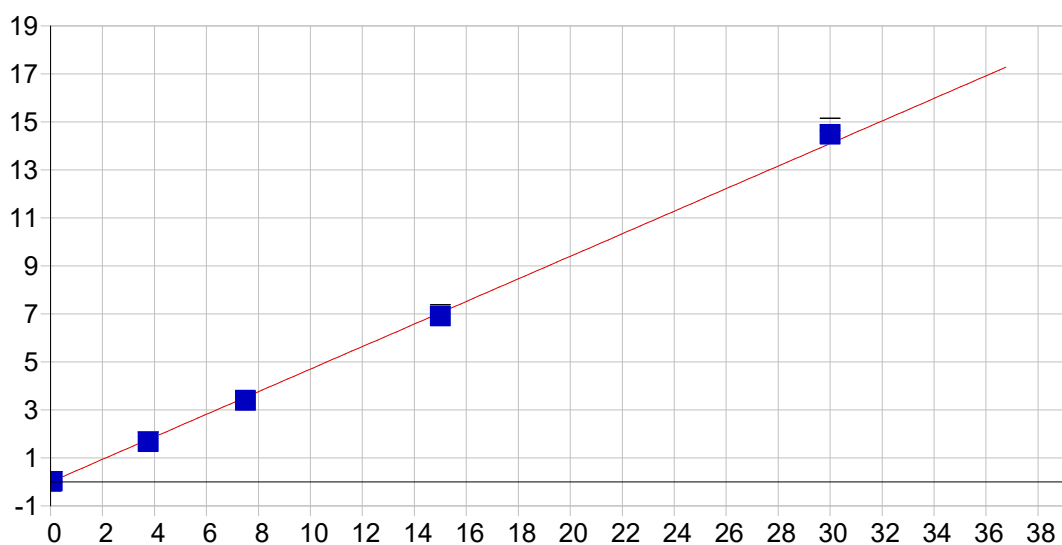


V 292.402 {115}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000293	Re-Slope:	1.000000
A1 (Gain):	0.110290	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999801	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	0.003758		
Predicted MQL:	0.012525		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.000	1
S1	.05000	.05854	.009	17.1	.00615	.001	1
S2	.62500	.64031	.015	2.45	.06779	.001	1
S3	1.2500	1.2830	.033	2.64	.13614	.002	1
S4	2.5000	2.5046	.005	.184	.26579	.002	1
S5	5.0000	4.9382	-.062	-1.24	.52405	.003	1

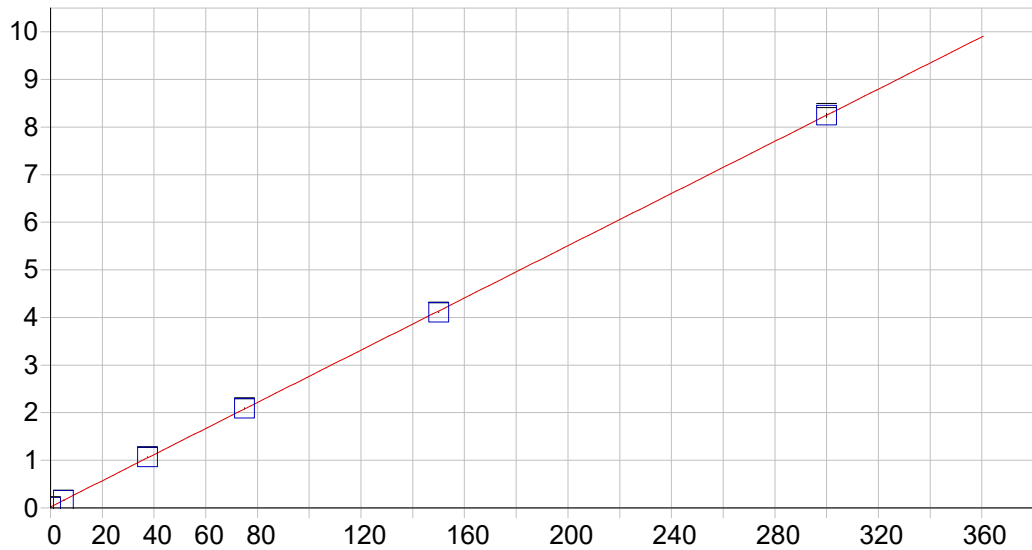


Zn 213.856 {158}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000601 Re-Slope: 1.000000
 A1 (Gain): 0.470002 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999561 Status: OK.
 Std Error of Est: 0.000992
 Predicted MDL: 0.002565
 Predicted MQL: 0.008549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00060	.001	1
S1	.06000	.05670	-.003	-5.50	.02614	.001	1
S2	3.7500	3.5482	-.202	-5.38	1.6685	.013	1
S3	7.5000	7.2158	-.284	-3.79	3.3936	.008	1
S4	15.000	14.690	-.310	-2.07	6.9090	.058	1
S5	30.000	30.800	.800	2.67	14.486	.258	1

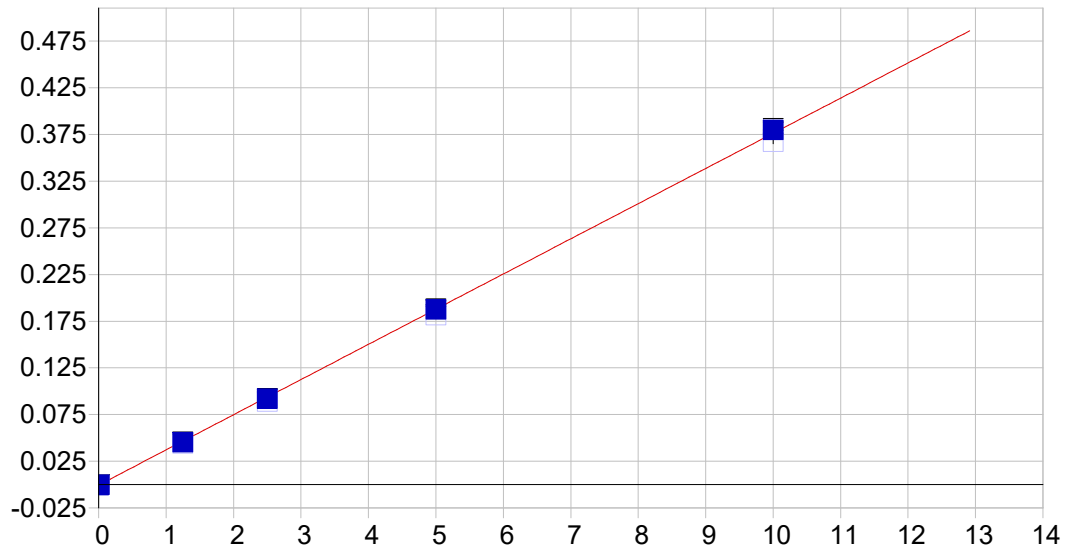


K 769.896 { 44 }

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023338 Re-Slope: 1.000000
 A1 (Gain): 0.027420 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.067795
 Predicted MQL: 0.225984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.02333	.001	1
S1	5.0000	5.0726	.073	1.45	.16243	.001	1
S2	37.500	38.189	.689	1.84	1.0705	.006	1
S3	75.000	75.437	.437	.582	2.0918	.011	1
S4	150.00	148.97	-1.03	-.687	4.1081	.006	1
S5	300.00	299.83	-.167	-.056	8.2448	.041	1

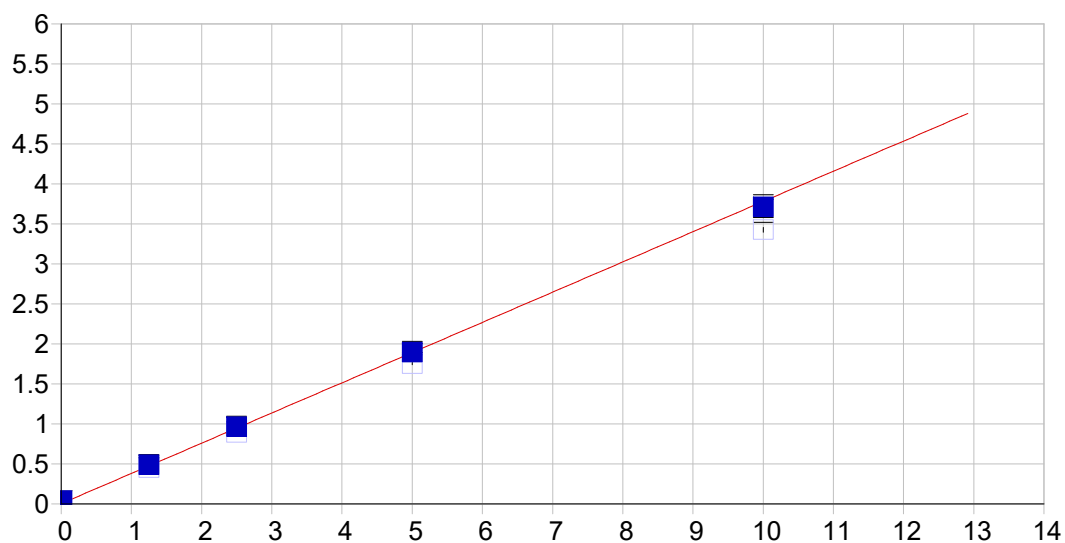


P 177.495 {490}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000550 Re-Slope: 1.000000
 A1 (Gain): 0.037686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.005093
 Predicted MQL: 0.016975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.01000	.00908	-.001	-9.23	-.00022	.000	1
S2	1.2500	1.2189	-.031	-2.49	.04383	.000	1
S3	2.5000	2.4541	-.046	-1.84	.08882	.000	1
S4	5.0000	4.9885	-.012	-.231	.18121	.001	1
S5	10.000	10.089	.089	.895	.36722	.002	1

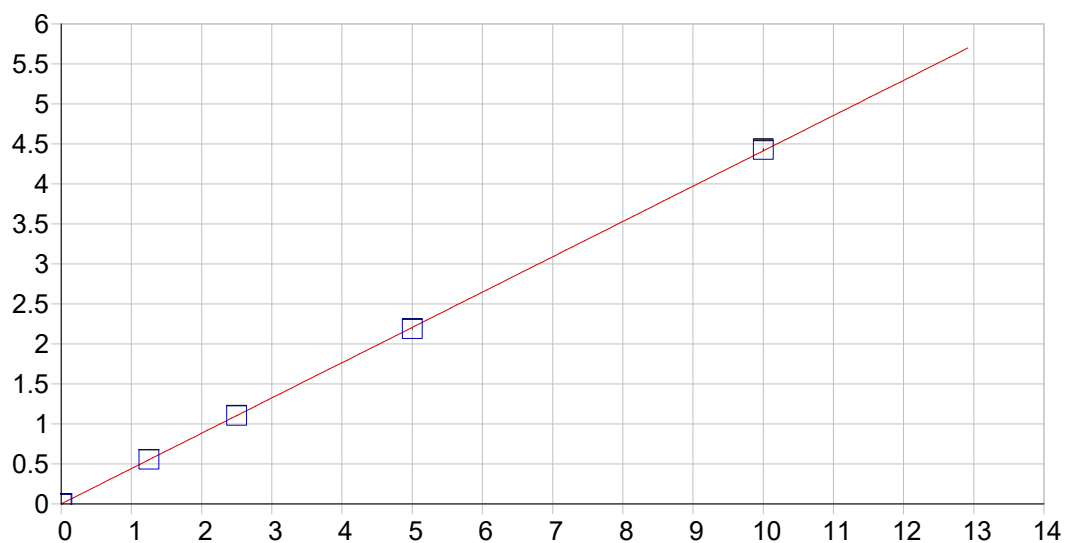


B 249.678 {135}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003148	Re-Slope:	1.000000
A1 (Gain):	0.377695	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.976329	Status:	OK.
Std Error of Est:	0.001297		
Predicted MDL:	0.001225		
Predicted MQL:	0.004085		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00311	.000	1
S1	.01000	.09838	.088	884.	.04025	.000	1
S2	1.2500	1.2830	.033	2.64	.45206	.002	1
S3	2.5000	2.5445	.045	1.78	.89286	.009	1
S4	5.0000	5.0101	.010	.203	1.7528	.014	1
S5	10.000	9.8182	-.182	-1.82	3.4260	.029	1

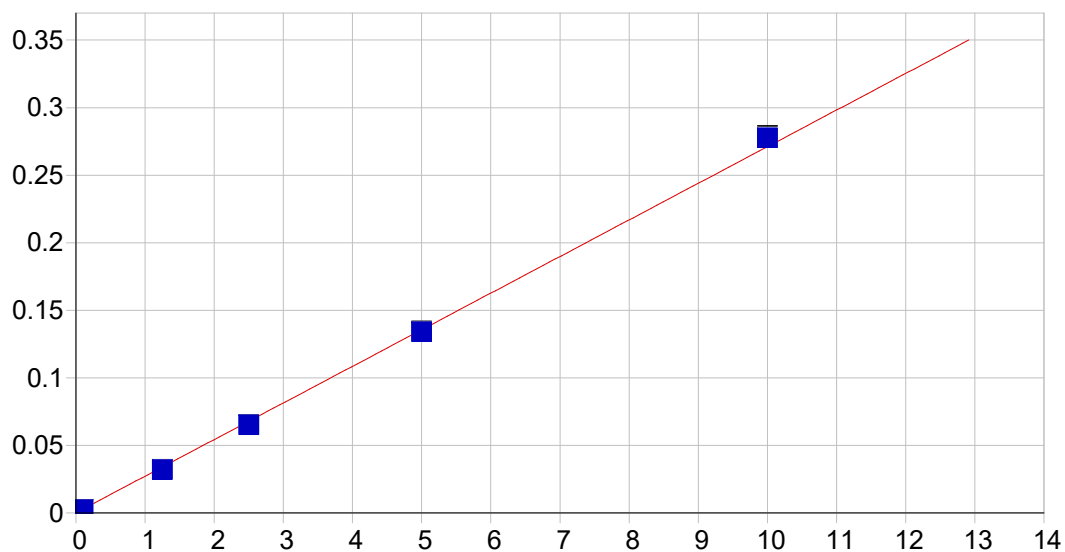


Mo 202.030 {467}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000445	Re-Slope:	1.000000
A1 (Gain):	0.441223	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.000644		
Predicted MQL:	0.002145		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.01000	.01043	.000	4.28	.00505	.000	1
S2	1.2500	1.2564	.006	.510	.55479	.002	1
S3	2.5000	2.5044	.004	.176	1.1054	.002	1
S4	5.0000	4.9542	-.046	-.916	2.1864	.004	1
S5	10.000	10.035	.035	.346	4.4279	.012	1

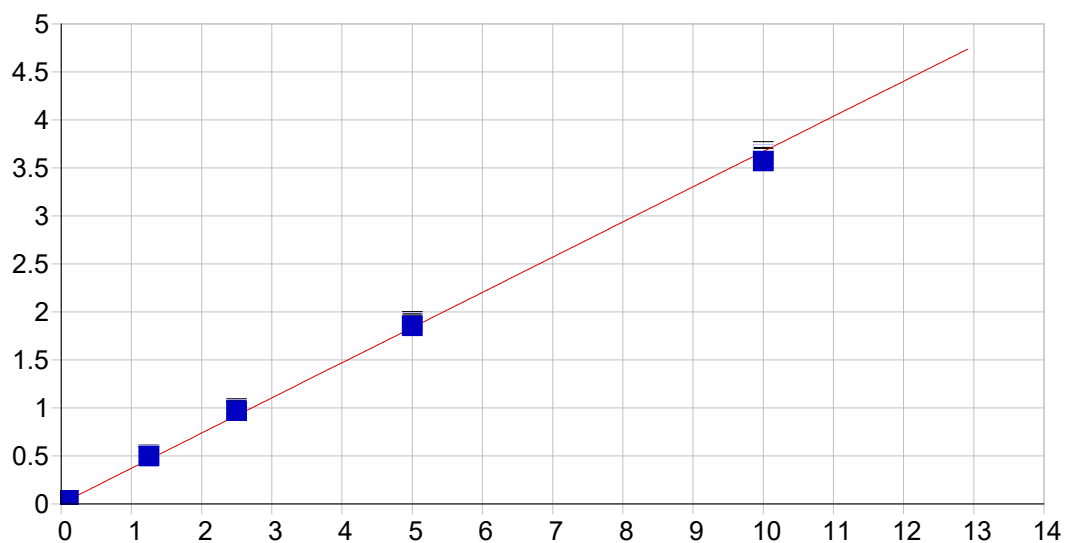


S 182.034 {485}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000099	Re-Slope:	1.000000
A1 (Gain):	0.027098	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999577	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.007382		
Predicted MQL:	0.024606		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00010	.000	1
S1	.10000	.08804	-.012	-12.0	.00248	.000	1
S2	1.2500	1.1787	-.071	-5.71	.03203	.000	1
S3	2.5000	2.3996	-.100	-4.02	.06511	.000	1
S4	5.0000	4.9432	-.057	-1.14	.13403	.000	1
S5	10.000	10.241	.241	2.41	.27756	.002	1

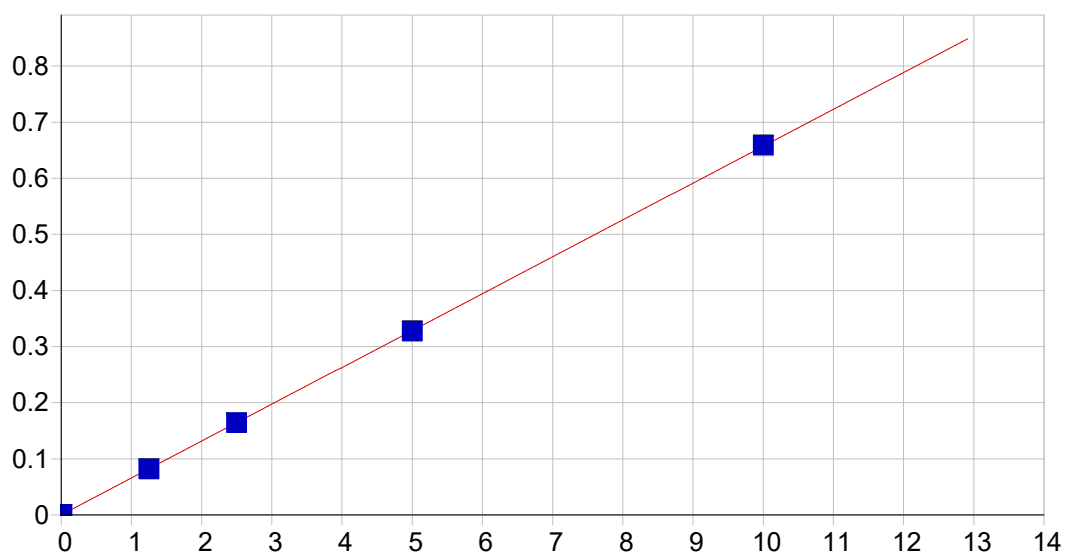


Si 251.611 {134}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004381	Re-Slope:	1.000000
A1 (Gain):	0.366535	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999433	Status:	OK.
Std Error of Est:	0.000669		
Predicted MDL:	0.001321		
Predicted MQL:	0.004404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00438	.000	1
S1	.10000	.09962	-.000	-.376	.04130	.000	1
S2	1.2500	1.3451	.095	7.61	.50636	.003	1
S3	2.5000	2.6333	.133	5.33	.98745	.007	1
S4	5.0000	5.0451	.045	.901	1.8893	.011	1
S5	10.000	9.7269	-.273	-2.73	3.6411	.030	1

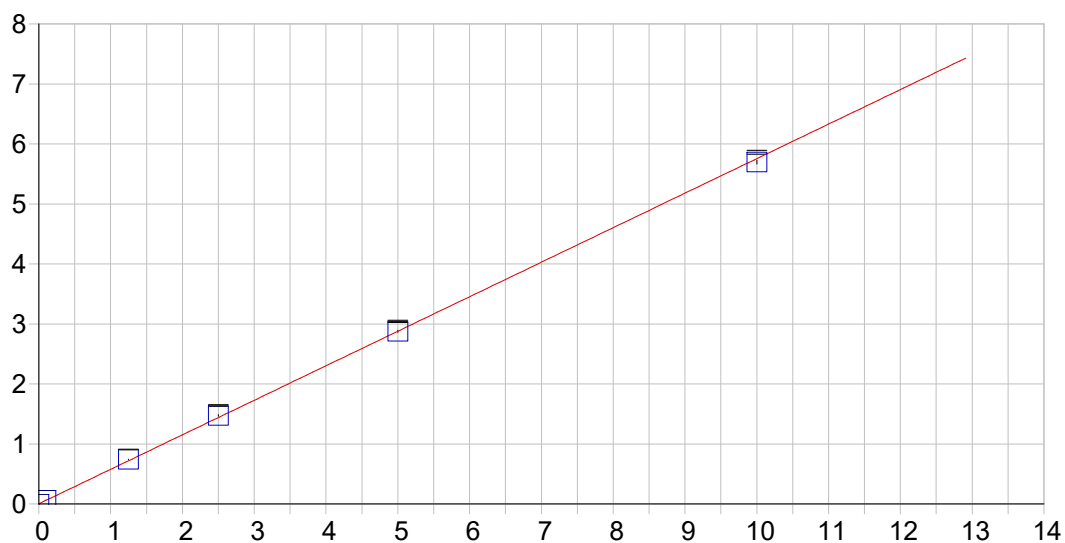


Sn 189.989 {478}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.065688 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002600
 Predicted MQL: 0.008668

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00439	-.003	-37.3	.00046	.000	1
S2	1.2500	1.2421	-.008	-.636	.08155	.000	1
S3	2.5000	2.5008	.001	.031	.16401	.000	1
S4	5.0000	4.9844	-.016	-.312	.32671	.000	1
S5	10.000	10.025	.025	.253	.65694	.001	1

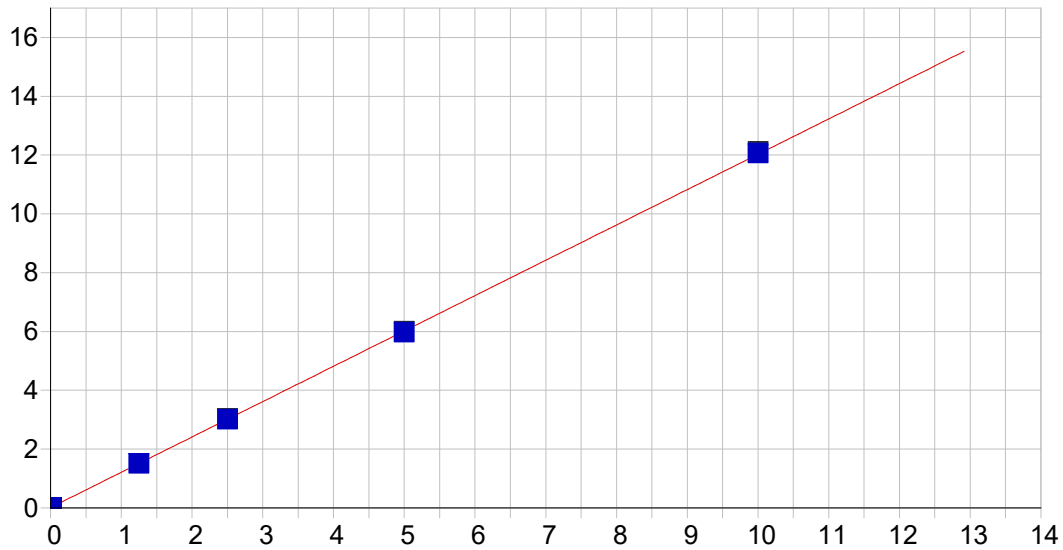


Ti 336.121 {100}

Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000830 Re-Slope: 1.000000
 A1 (Gain): 0.575401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000442
 Predicted MDL: 0.001255
 Predicted MQL: 0.004182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00082	.001	1
S1	.10000	.10633	.006	6.33	.06201	.001	1
S2	1.2500	1.2858	.036	2.86	.74068	.005	1
S3	2.5000	2.5607	.061	2.43	1.4743	.015	1
S4	5.0000	4.9987	-.001	-.027	2.8771	.019	1
S5	10.000	9.8985	-.101	-1.01	5.6964	.031	1

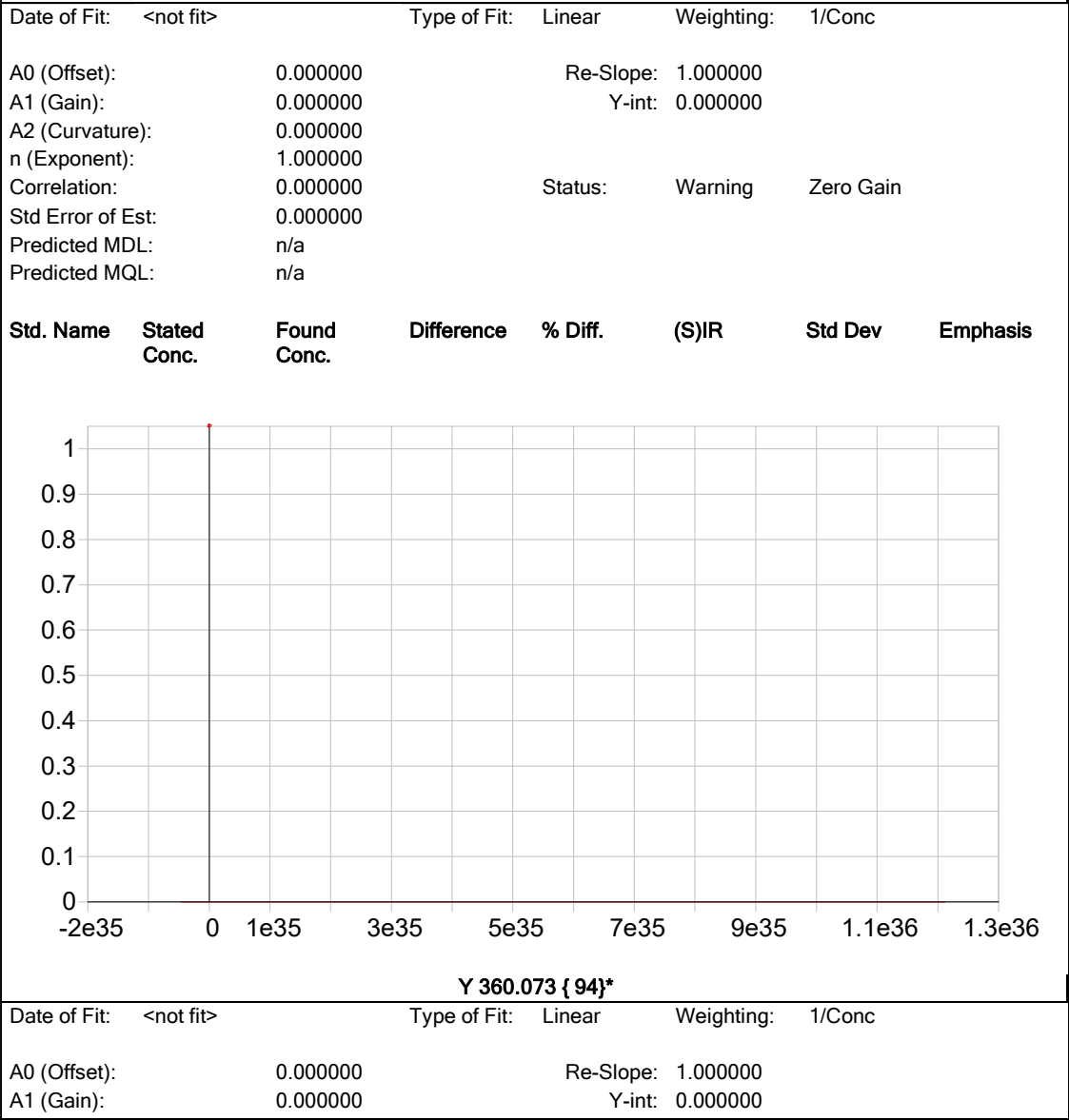
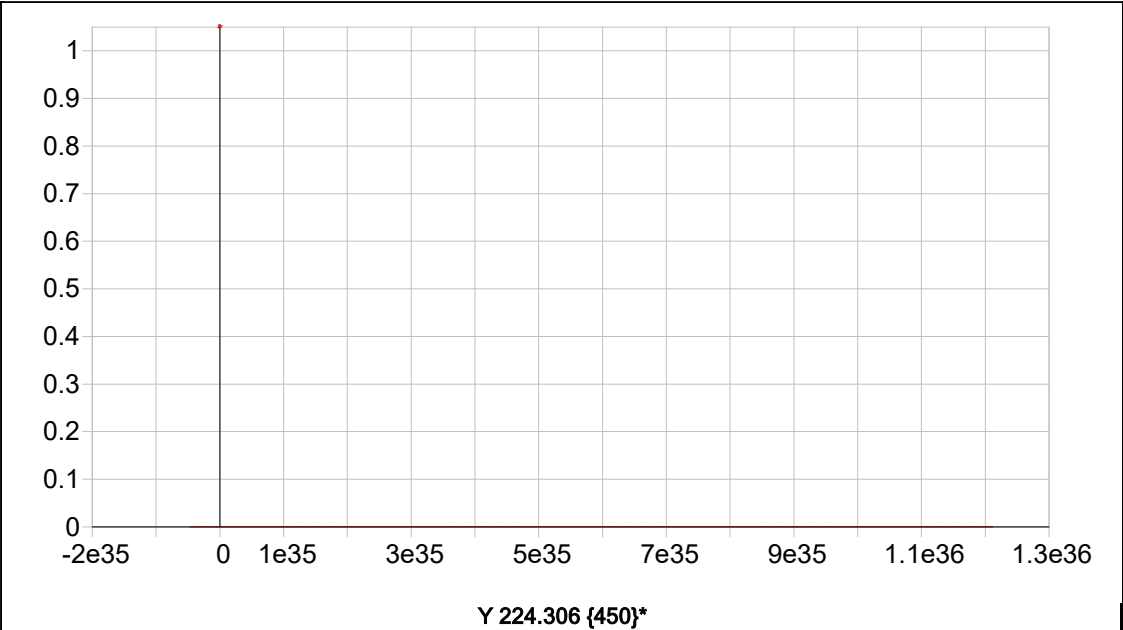


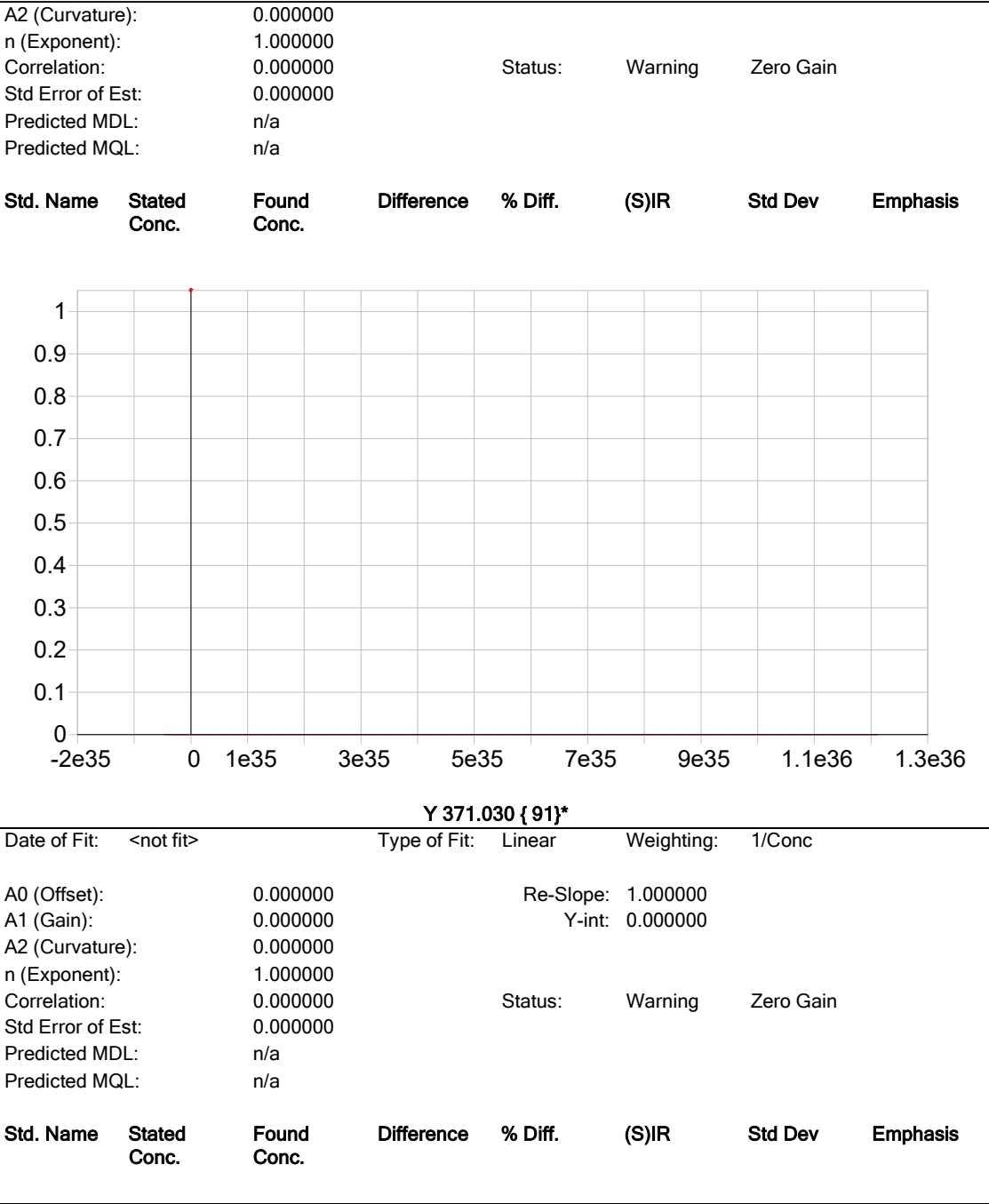
Li 670.784 { 50}

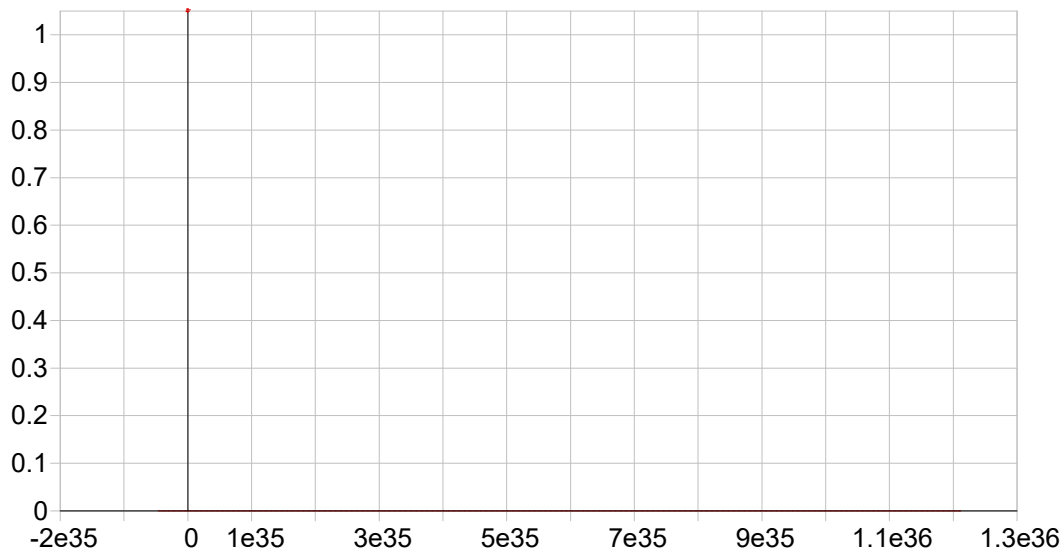
Date of Fit: 10/07/2021 12:22:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009492 Re-Slope: 1.000000
 A1 (Gain): 1.201832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.001581
 Predicted MQL: 0.005270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00949	.001	1
S5	10.000	10.036	.036	.362	12.058	.041	1
S4	5.0000	4.9657	-.034	-.686	5.9709	.026	1
S3	2.5000	2.4989	-.001	-.044	3.0095	.020	1
S2	1.2500	1.2489	-.001	-.087	1.5089	.002	1
S1	.01500	.01527	.000	1.79	.02774	.001	1



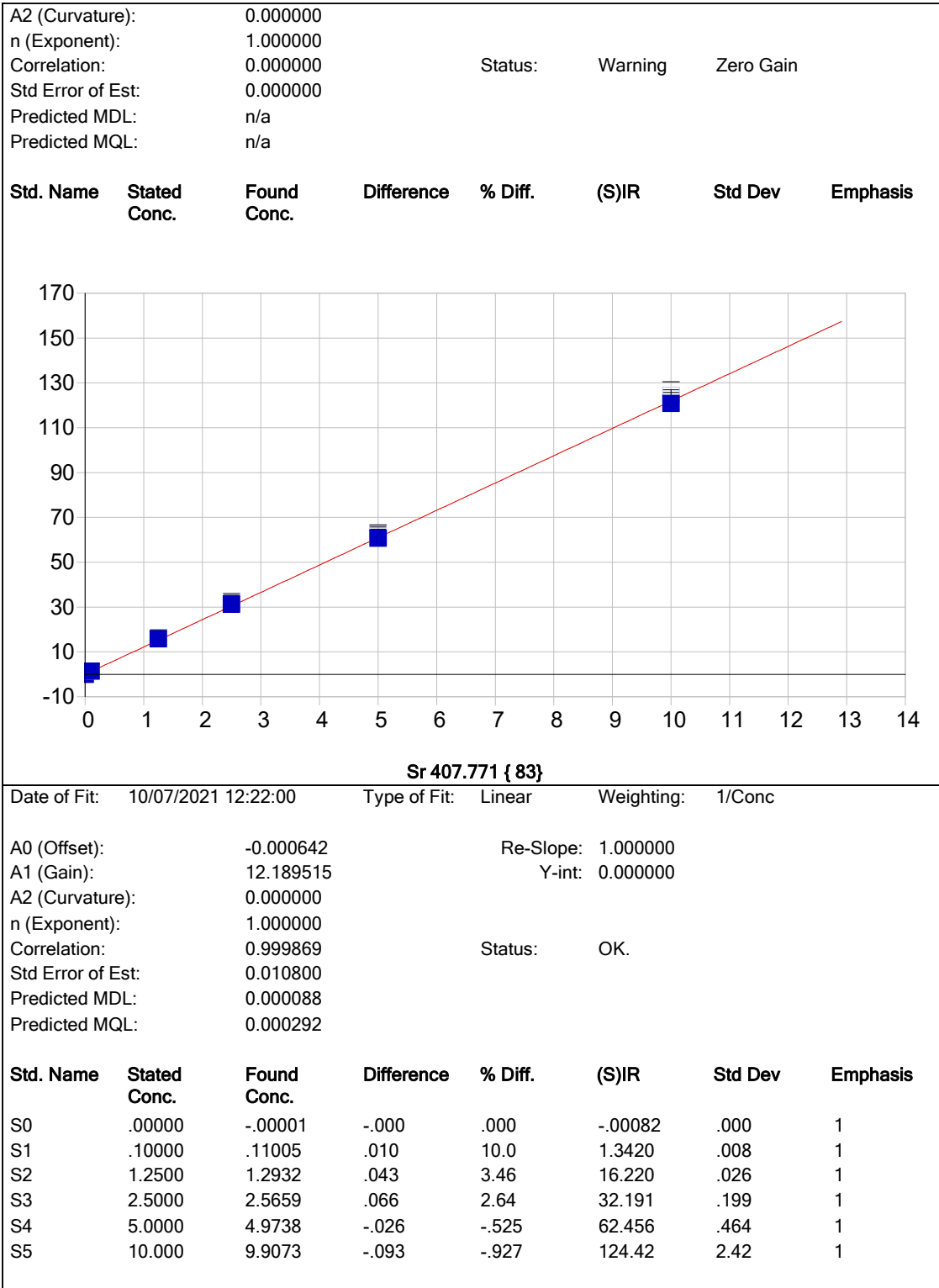




Y 224.306 {150}*

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}*



Sample Name: S0 Acquired: 10/07/2021 11:41:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00043	-.00091	.00082	.00078	.00052	.00204	.00800	-.00249
Stddev	.00009	.00006	.00013	.00027	.00006	.00072	.00068	.00013
%RSD	20.723	7.1245	16.430	34.116	12.398	35.282	8.5252	5.3495

#1	-.00033	-.00087	.00094	.00101	.00059	.00163	.00722	-.00236
#2	-.00051	-.00098	.00084	.00083	.00050	.00161	.00841	-.00263
#3	-.00045	-.00087	.00067	.00049	.00046	.00287	.00839	-.00248

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00014	.00118	-.00007	.00019	.00165	.00002	.00037	-.00011
Stddev	.00028	.00051	.00010	.00005	.00032	.00010	.00010	.00025
%RSD	193.47	43.670	154.07	29.038	19.532	528.16	26.974	231.62

#1	-.00013	.00090	-.00011	.00013	.00201	-.00009	.00042	.00016
#2	.00013	.00177	.00005	.00020	.00156	.00005	.00025	-.00014
#3	.00043	.00087	-.00014	.00023	.00138	.00010	.00043	-.00033

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00195	-.00080	-.00263	-.00029	-.00060	.02333	-.00055	.00311
Stddev	.00034	.00022	.00100	.00038	.00075	.00055	.00008	.00013
%RSD	17.210	27.939	38.145	128.02	125.46	2.3777	15.073	4.2161

#1	-.00231	-.00055	-.00218	.00013	-.00003	.02374	-.00046	.00326
#2	-.00164	-.00089	-.00377	-.00042	-.00031	.02270	-.00063	.00301
#3	-.00190	-.00097	-.00193	-.00059	-.00145	.02355	-.00056	.00307

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00044	.00010	.00438	.00019	.00082	.00949	-.00082	
Stddev	.00014	.00001	.00027	.00011	.00079	.00112	.00039	
%RSD	32.117	14.372	6.0904	56.829	96.310	11.852	47.947	

#1	.00028	.00010	.00456	.00021	-.00001	.01021	-.00050	
#2	.00052	.00009	.00407	.00007	.00156	.01007	-.00126	
#3	.00053	.00011	.00450	.00029	.00092	.00820	-.00071	

Sample Name: S0 Acquired: 10/07/2021 11:41:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	1454.2	26861.	5302.7	797.86	1846.0
Stddev	.8	73.	22.6	3.36	4.5
%RSD	.05284	.27209	.42680	.42163	.24198
#1	1453.9	26921.	5277.4	801.44	1850.4
#2	1453.6	26883.	5321.0	797.37	1841.5
#3	1455.0	26779.	5309.7	794.77	1846.3

Sample Name: S1 Acquired: 10/07/2021 11:45:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00010	.00032	.00293	.00261	.00900	.02245	.78473	.01568
Stddev	.00014	.00021	.00053	.00011	.00017	.00068	.00502	.00029
%RSD	143.71	65.910	18.006	4.3712	1.8504	3.0421	.63981	1.8554
#1	-.00010	.00029	.00232	.00250	.00884	.02311	.78951	.01535
#2	.00005	.00055	.00318	.00260	.00917	.02251	.77950	.01580
#3	-.00023	.00013	.00328	.00272	.00899	.02175	.78520	.01589
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01423	.36841	.00158	.04669	.00910	.00271	.01048	.05014
Stddev	.00029	.00216	.00010	.00008	.00053	.00016	.00024	.00024
%RSD	2.0038	.58605	6.1431	.16480	5.8287	5.8262	2.2936	.47386
#1	.01439	.37020	.00165	.04674	.00972	.00286	.01046	.05021
#2	.01440	.36902	.00147	.04660	.00879	.00274	.01073	.05033
#3	.01390	.36601	.00162	.04672	.00881	.00255	.01025	.04987
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02459	.00385	.03001	.00615	.02614	.16243	-.00022	.04025
Stddev	.00053	.00004	.00084	.00053	.00141	.00089	.00012	.00049
%RSD	2.1720	1.0415	2.7991	8.5435	5.3970	.54862	54.877	1.2279
#1	.02519	.00389	.02916	.00574	.02756	.16319	-.00035	.04029
#2	.02416	.00385	.03002	.00597	.02474	.16265	-.00012	.03974
#3	.02443	.00381	.03084	.00674	.02611	.16145	-.00018	.04072
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00505	.00248	.04130	.00046	.06201	.02774	1.3420	
Stddev	.00037	.00020	.00013	.00009	.00101	.00098	.0078	
%RSD	7.2701	8.0511	.30674	19.134	1.6251	3.5460	.58265	
#1	.00509	.00263	.04125	.00039	.06299	.02855	1.3490	
#2	.00466	.00226	.04120	.00044	.06207	.02665	1.3434	
#3	.00539	.00256	.04144	.00056	.06098	.02804	1.3335	

Sample Name: S1 Acquired: 10/07/2021 11:45:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 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	1444.8	26876.	5320.8	802.07	1848.9
Stddev	1.1	156.	17.9	8.54	2.2
%RSD	.07445	.58038	.33645	1.0648	.11782
#1	1445.7	26751.	5302.0	793.83	1849.7
#2	1445.2	26825.	5322.6	801.48	1850.6
#3	1443.6	27051.	5337.7	810.88	1846.4

Sample Name: S2 Acquired: 10/07/2021 11:50:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 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	.04466	.06918	1.3384	.06988	.18004	3.6211	9.8637	.42640
Stddev	.00025	.00059	.0034	.00016	.00117	.0104	.0161	.00120
%RSD	.55850	.85423	.25248	.23473	.65203	.28600	.16318	.28258

#1	.04481	.06940	1.3347	.06970	.18088	3.6118	9.8514	.42511
#2	.04437	.06851	1.3414	.06995	.17870	3.6193	9.8819	.42658
#3	.04479	.06963	1.3390	.07000	.18054	3.6323	9.8577	.42750

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6585	4.3468	.60267	.56555	.99498	.98339	2.4948	.61395
Stddev	.0024	.0067	.00199	.00172	.00176	.00558	.0065	.00331
%RSD	.14622	.15504	.32975	.30461	.17730	.56743	.26135	.53879

#1	1.6561	4.3415	.60389	.56484	.99596	.97702	2.4895	.61056
#2	1.6610	4.3447	.60038	.56752	.99294	.98575	2.4927	.61413
#3	1.6584	4.3544	.60374	.56430	.99604	.98741	2.5021	.61717

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.39719	.13294	.22614	.06779	1.6685	1.0705	.04383	.45206
Stddev	.00131	.00038	.00109	.00081	.0130	.0056	.00014	.00153
%RSD	.32926	.28448	.48071	1.2018	.77821	.52017	.31234	.33846

#1	.39695	.13331	.22557	.06720	1.6636	1.0641	.04397	.45113
#2	.39601	.13255	.22545	.06745	1.6832	1.0730	.04381	.45383
#3	.39860	.13295	.22739	.06872	1.6586	1.0743	.04370	.45123

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55479	.03203	.50636	.08155	.74068	1.5089	16.220
Stddev	.00245	.00020	.00308	.00014	.00486	.0024	.026
%RSD	.44160	.63457	.60833	.17456	.65656	.16091	.16329

#1	.55570	.03214	.50379	.08148	.74112	1.5066	16.190
#2	.55201	.03180	.50977	.08172	.73562	1.5085	16.236
#3	.55664	.03216	.50552	.08146	.74531	1.5114	16.235

Sample Name: S2 Acquired: 10/07/2021 11:50:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 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	1358.2	25834.	5160.8	752.38	1715.6
Stddev	1.8	26.	18.8	4.97	2.8
%RSD	.13294	.10006	.36459	.66105	.16143
#1	1358.9	25814.	5180.5	752.71	1718.0
#2	1359.6	25863.	5143.0	747.25	1712.6
#3	1356.2	25825.	5158.9	757.19	1716.2

Sample Name: S3 Acquired: 10/07/2021 11:53:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 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	.08909	.13632	2.6881	.13647	.35661	7.2486	19.728	.83307
Stddev	.00017	.00056	.0059	.00113	.00051	.0677	.049	.00828
%RSD	.19247	.40799	.21844	.82712	.14289	.93400	.24728	.99447

#1	.08900	.13575	2.6875	.13664	.35647	7.1710	19.776	.82483
#2	.08898	.13686	2.6826	.13751	.35717	7.2787	19.729	.84140
#3	.08929	.13635	2.6943	.13527	.35618	7.2960	19.678	.83296

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2771	8.6146	1.1719	1.1267	1.9796	1.9582	4.8893	1.2401
Stddev	.0025	.0112	.0007	.0019	.0052	.0288	.0200	.0193
%RSD	.07661	.13007	.06205	.17246	.26148	1.4688	.40871	1.5598

#1	3.2749	8.6027	1.1714	1.1274	1.9736	1.9250	4.9112	1.2180
#2	3.2767	8.6250	1.1727	1.1245	1.9830	1.9765	4.8720	1.2481
#3	3.2798	8.6161	1.1717	1.1281	1.9821	1.9730	4.8848	1.2541

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.78731	.26676	.45316	.13614	3.3936	2.0918	.08882	.89286
Stddev	.00184	.00104	.00824	.00206	.0080	.0113	.00031	.00885
%RSD	.23330	.39153	1.8187	1.5120	.23431	.53932	.34695	.99132

#1	.78695	.26604	.44406	.13377	3.3954	2.0795	.08876	.88576
#2	.78569	.26628	.45527	.13726	3.3849	2.0943	.08915	.90278
#3	.78930	.26796	.46013	.13740	3.4005	2.1017	.08854	.89005

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1054	.06511	.98745	.16401	1.4743	3.0095	32.191
Stddev	.0021	.00009	.00730	.00041	.0152	.0199	.199
%RSD	.19260	.14372	.73964	.25123	1.0339	.65992	.61705

#1	1.1034	.06502	.98048	.16401	1.4568	2.9866	31.961
#2	1.1053	.06512	.99504	.16360	1.4812	3.0219	32.312
#3	1.1076	.06521	.98683	.16442	1.4849	3.0200	32.299

Sample Name: S3 Acquired: 10/07/2021 11:53:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 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	1313.1	25517.	5122.8	726.83	1647.3
Stddev	2.1	73.	46.0	1.91	1.3
%RSD	.16323	.28593	.89879	.26251	.07884
#1	1313.3	25454.	5175.6	724.68	1647.7
#2	1315.2	25499.	5091.1	728.33	1648.3
#3	1310.9	25597.	5101.6	727.48	1645.8

Sample Name: S4 Acquired: 10/07/2021 11:57:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 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	.17690	.26755	5.3176	.26364	.70521	14.322	38.720	1.6069
Stddev	.00064	.00169	.0088	.00173	.00225	.049	.008	.0101
%RSD	.35945	.63090	.16460	.65758	.31917	.34246	.01992	.62541

#1	.17757	.26893	5.3076	.26563	.70762	14.268	38.712	1.6051
#2	.17684	.26804	5.3235	.26278	.70484	14.363	38.721	1.6177
#3	.17630	.26567	5.3217	.26250	.70316	14.335	38.727	1.5978

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4107	16.918	2.2596	2.2335	3.8875	3.7953	9.4116	2.4483
Stddev	.0063	.061	.0019	.0052	.0112	.0222	.0256	.0135
%RSD	.09767	.35813	.08323	.23173	.28860	.58507	.27253	.54958

#1	6.4090	16.859	2.2585	2.2277	3.8762	3.7716	9.3872	2.4335
#2	6.4177	16.913	2.2584	2.2353	3.8875	3.8156	9.4094	2.4598
#3	6.4055	16.980	2.2617	2.2376	3.8987	3.7987	9.4383	2.4516

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5487	.53188	.89591	.26579	6.9090	4.1081	.18121	1.7528
Stddev	.0018	.00275	.00210	.00236	.0580	.0062	.00074	.0137
%RSD	.11314	.51756	.23458	.88961	.83940	.15132	.41070	.78045

#1	1.5480	.53482	.89371	.26341	6.9147	4.1079	.18052	1.7455
#2	1.5474	.52936	.89789	.26814	6.8484	4.1020	.18112	1.7685
#3	1.5507	.53145	.89614	.26584	6.9640	4.1144	.18200	1.7442

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1864	.13403	1.8893	.32671	2.8771	5.9709	62.456
Stddev	.0040	.00044	.0114	.00031	.0195	.0256	.464
%RSD	.18096	.33066	.60068	.09550	.67722	.42965	.74334

#1	2.1896	.13452	1.8881	.32695	2.8546	5.9413	62.970
#2	2.1819	.13393	1.9012	.32636	2.8893	5.9865	62.328
#3	2.1876	.13365	1.8786	.32683	2.8873	5.9850	62.069

Sample Name: S4 Acquired: 10/07/2021 11:57:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 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	1256.0	25083.	5112.0	689.18	1555.2
Stddev	2.6	39.	27.5	7.41	2.3
%RSD	.20542	.15582	.53730	1.0745	.14733
#1	1253.3	25043.	5090.7	681.49	1555.7
#2	1256.2	25122.	5102.2	696.26	1552.7
#3	1258.5	25085.	5143.0	689.80	1557.3

Sample Name: S5 Acquired: 10/07/2021 12:01:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 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	.36172	.51874	10.691	.51439	1.4402	28.961	75.968	3.1443
Stddev	.00176	.00136	.012	.00231	.0023	.075	.933	.0265
%RSD	.48779	.26179	.11223	.44959	.15802	.26022	1.2280	.84269

#1	.35969	.51737	10.687	.51266	1.4409	28.877	75.342	3.1730
#2	.36288	.52008	10.682	.51702	1.4421	29.021	75.522	3.1207
#3	.36258	.51875	10.705	.51349	1.4377	28.985	77.040	3.1393

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.645	33.560	4.3666	4.4636	7.7661	7.4529	18.500	4.9337
Stddev	.024	.074	.0036	.0059	.0075	.0289	.015	.0265
%RSD	.18858	.22007	.08301	.13112	.09685	.38800	.08069	.53717

#1	12.651	33.484	4.3707	4.4643	7.7603	7.4207	18.511	4.9038
#2	12.619	33.631	4.3652	4.4575	7.7634	7.4616	18.507	4.9431
#3	12.666	33.566	4.3639	4.4692	7.7746	7.4766	18.483	4.9542

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0650	1.0755	1.8017	.52405	14.486	8.2448	.36722	3.4260
Stddev	.0058	.0034	.0035	.00308	.258	.0413	.00202	.0287
%RSD	.18870	.31821	.19392	.58724	1.7782	.50056	.54913	.83654

#1	3.0604	1.0717	1.7980	.52056	14.189	8.2620	.36592	3.4557
#2	3.0631	1.0783	1.8049	.52638	14.632	8.1977	.36619	3.3985
#3	3.0715	1.0765	1.8022	.52520	14.639	8.2747	.36954	3.4240

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4279	.27756	3.6411	.65694	5.6964	12.058	124.42
Stddev	.0124	.00158	.0301	.00064	.0312	.041	2.42
%RSD	.28061	.57075	.82691	.09707	.54818	.33762	1.9447

#1	4.4304	.27609	3.6702	.65744	5.6653	12.015	126.22
#2	4.4390	.27736	3.6101	.65622	5.7277	12.095	121.67
#3	4.4145	.27924	3.6430	.65717	5.6963	12.065	125.38

Sample Name: S5 Acquired: 10/07/2021 12:01:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 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	1163.8	24571.	5064.0	635.05	1441.4
Stddev	2.2	147.	35.3	6.48	1.6
%RSD	.18876	.59631	.69734	1.0212	.11228
#1	1163.2	24676.	5048.0	640.26	1440.2
#2	1162.0	24634.	5104.4	637.11	1443.2
#3	1166.3	24404.	5039.4	627.79	1440.7

Sample Name: S6 Acquired: 10/07/2021 12:05:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1581) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78.733	55.406	20.371	8.3198	5.0793
Stddev	.413	.135	.135	.0703	.0230
%RSD	.52427	.24408	.66462	.84499	.45366

#1	78.769	55.264	20.246	8.2461	5.0570
#2	78.303	55.421	20.354	8.3271	5.0779
#3	79.127	55.534	20.515	8.3861	5.1030

Int. Std.	Y_3710
Units	Cts/S
Avg	4940.2
Stddev	27.7
%RSD	.56115

#1	4914.9
#2	4969.8
#3	4936.0