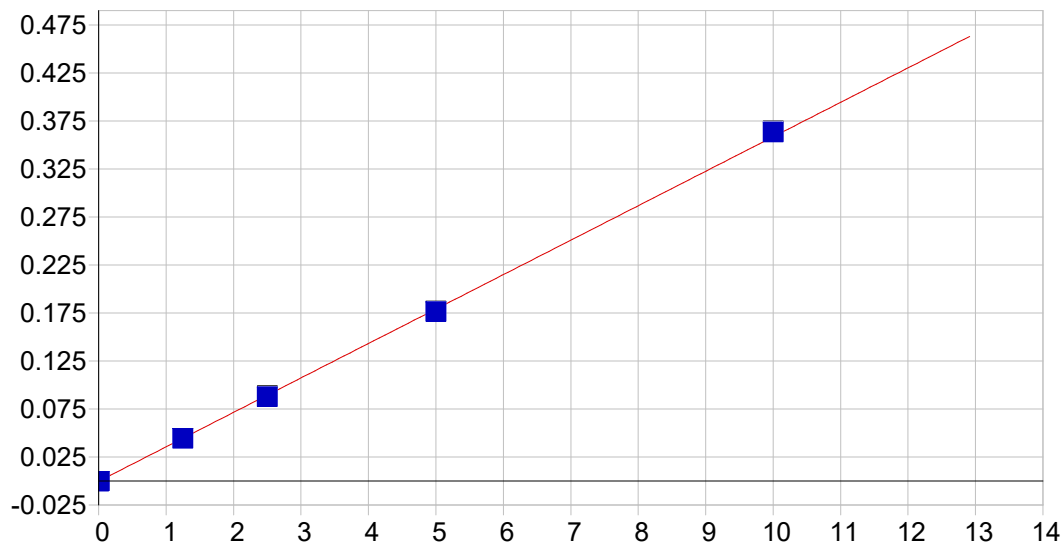


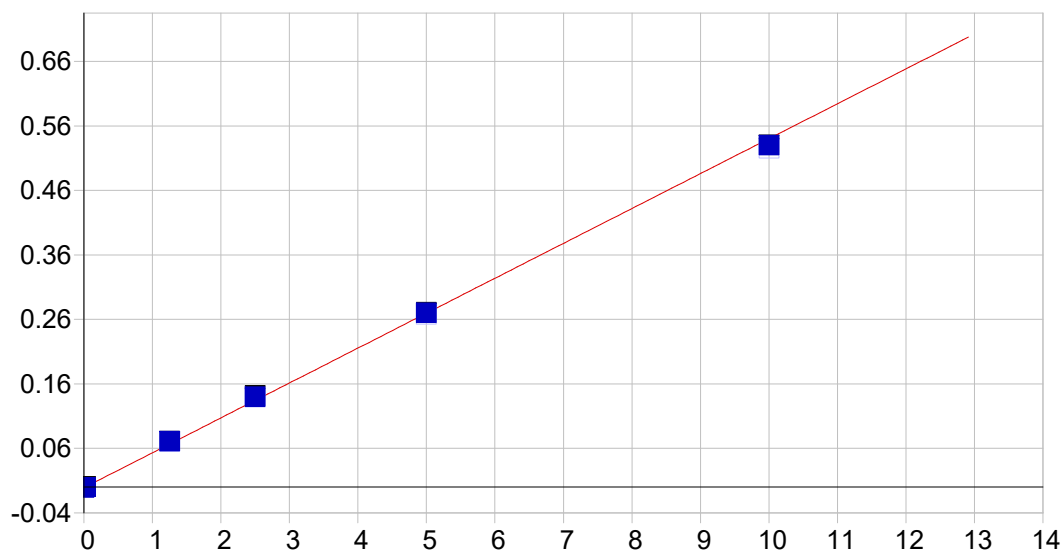


As 189.042 {479}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000370 Re-Slope: 1.000000
 A1 (Gain): 0.035893 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.006760
 Predicted MQL: 0.022533

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.00971	-.000	-2.86	-.00002	.000	1
S2	1.2500	1.2440	-.006	-.481	.04442	.000	1
S3	2.5000	2.4572	-.043	-1.71	.08812	.001	1
S4	5.0000	4.9193	-.081	-1.61	.17678	.000	1
S5	10.000	10.130	.130	1.30	.36437	.000	1

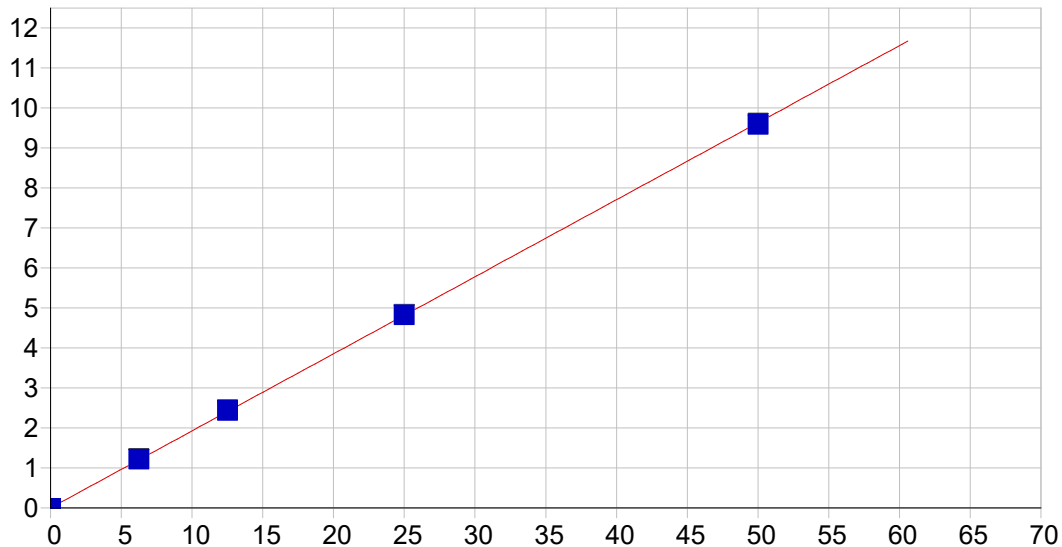


TI 190.856 {477}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000932 Re-Slope: 1.000000
 A1 (Gain): 0.054116 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999650 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.004488
 Predicted MQL: 0.014960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00093	.000	1
S1	.02500	.02340	-.002	-6.39	.00027	.000	1
S2	1.2500	1.3273	.077	6.18	.07028	.000	1
S3	2.5000	2.6065	.107	4.26	.13889	.002	1
S4	5.0000	5.0044	.004	.089	.26743	.001	1
S5	10.000	9.8133	-.187	-1.87	.52520	.001	1

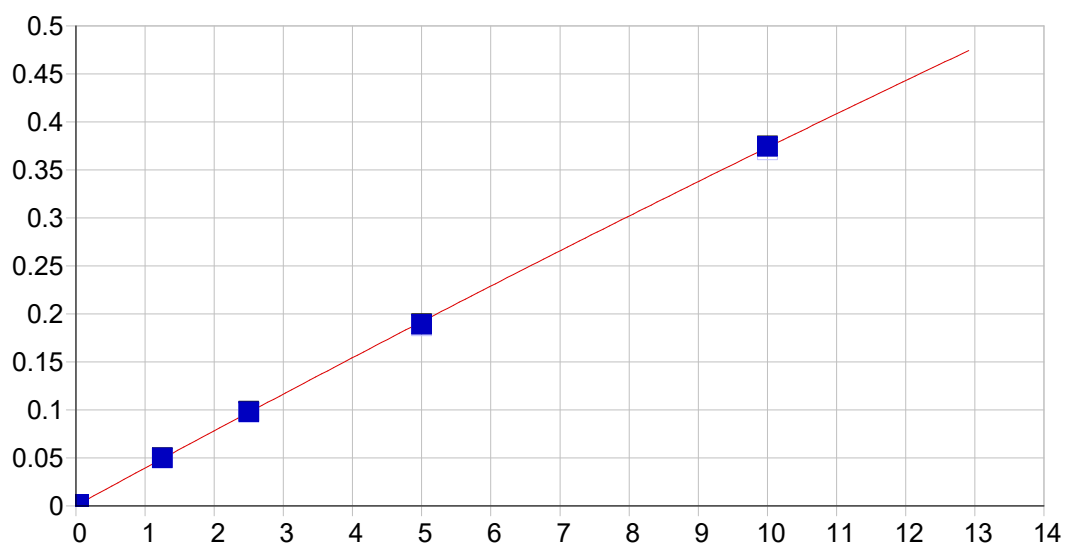


Pb 220.353 {453}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000856 Re-Slope: 1.000000
 A1 (Gain): 0.192658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002581
 Predicted MQL: 0.008605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00086	.000	1
S1	.01000	.01047	.000	4.66	.00287	.000	1
S2	6.2500	6.3133	.063	1.01	1.2179	.004	1
S3	12.500	12.642	.142	1.14	2.4378	.010	1
S4	25.000	25.025	.025	.099	4.8248	.013	1
S5	50.000	49.770	-.230	-.461	9.5949	.028	1

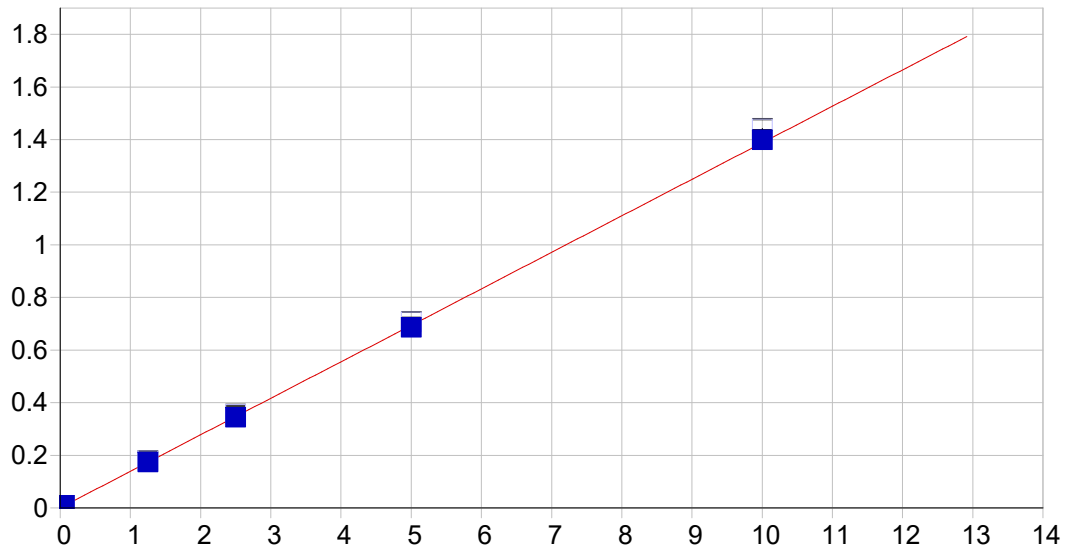


Se 196.090 {472}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000334 Re-Slope: 1.000000
 A1 (Gain): 0.039326 Y-int: 0.000000
 A2 (Curvature): -0.000203
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.006597
 Predicted MQL: 0.021991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00033	.000	1
S1	.03500	.04028	.005	15.1	.00192	.000	1
S2	1.2500	1.2695	.020	1.56	.04947	.000	1
S3	2.5000	2.5178	.018	.710	.09714	.001	1
S4	5.0000	4.9259	-.074	-1.48	.18729	.000	1
S5	10.000	10.032	.032	.317	.37076	.001	1

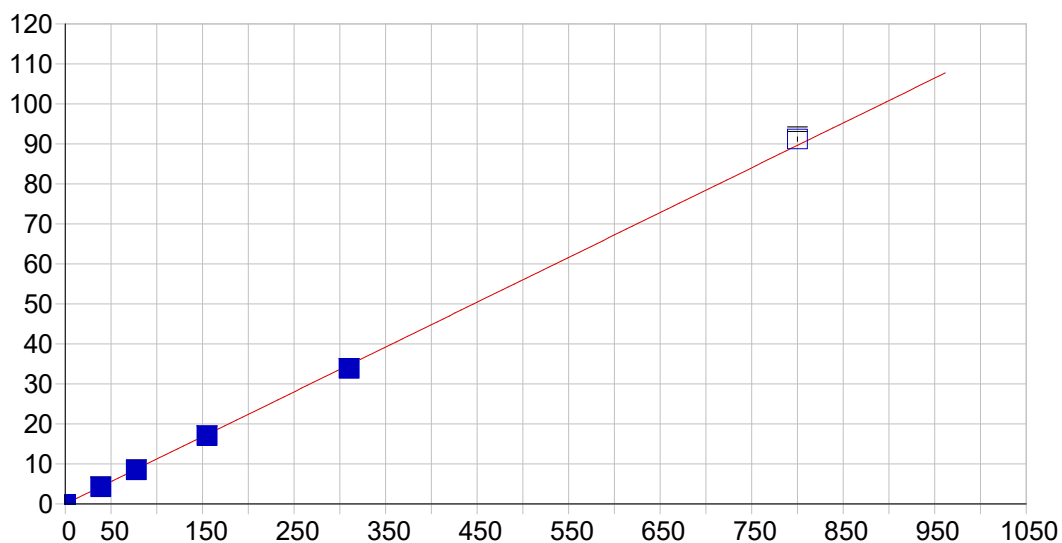


Sb 206.833 {463}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000356	Re-Slope:	1.000000
A1 (Gain):	0.138738	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.002684		
Predicted MQL:	0.008947		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00035	.000	1
S1	.06000	.06715	.007	11.9	.00967	.000	1
S2	1.2500	1.2478	-.002	-.173	.17877	.001	1
S3	2.5000	2.4781	-.022	-.876	.35475	.002	1
S4	5.0000	4.9412	-.059	-1.18	.70706	.001	1
S5	10.000	10.076	.076	.759	1.4406	.002	1

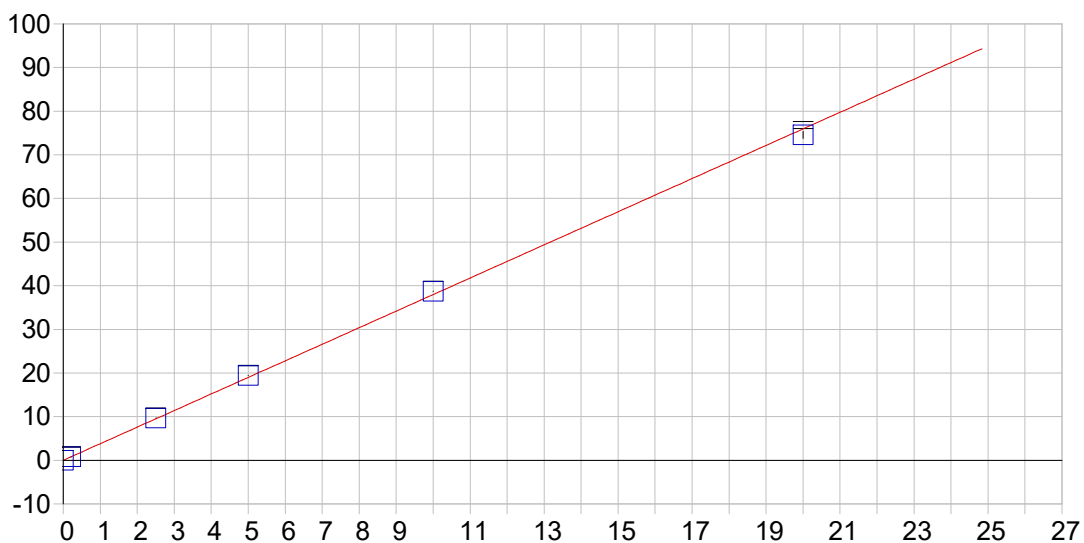


AI 396.152 { 85}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000921 Re-Slope: 1.000000
 A1 (Gain): 0.112043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.001436
 Predicted MDL: 0.010077
 Predicted MQL: 0.033589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00092	.001	1
S1	.20000	.19246	-.008	-3.77	.02252	.001	1
S2	38.750	37.720	-1.03	-2.66	4.2318	.007	1
S3	77.500	75.801	-1.70	-2.19	8.5030	.023	1
S4	155.00	152.02	-2.98	-1.92	17.052	.080	1
S5	310.00	301.74	-8.26	-2.67	33.845	.006	1
S6	800.00	813.99	14.0	1.75	91.203	.571	1

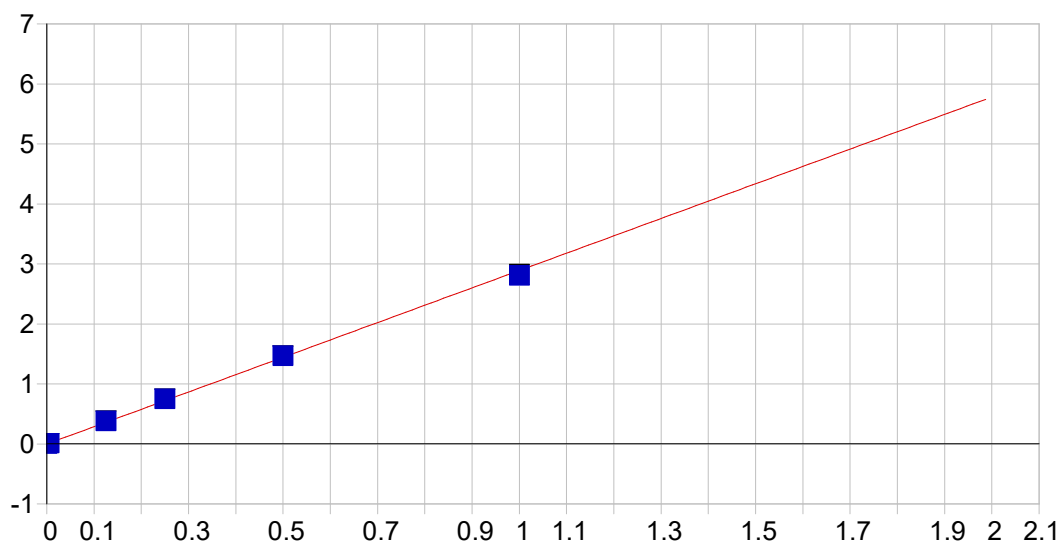


Ba 493.409 { 68}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001329 Re-Slope: 1.000000
 A1 (Gain): 3.797433 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.007955
 Predicted MDL: 0.000796
 Predicted MQL: 0.002653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00126	.001	1
S1	.20000	.21063	.011	5.32	.80119	.003	1
S2	2.5000	2.5433	.043	1.73	9.6592	.022	1
S3	5.0000	5.1157	.116	2.31	19.428	.041	1
S4	10.000	10.198	.198	1.98	38.726	.038	1
S5	20.000	19.633	-.367	-1.84	74.555	.818	1

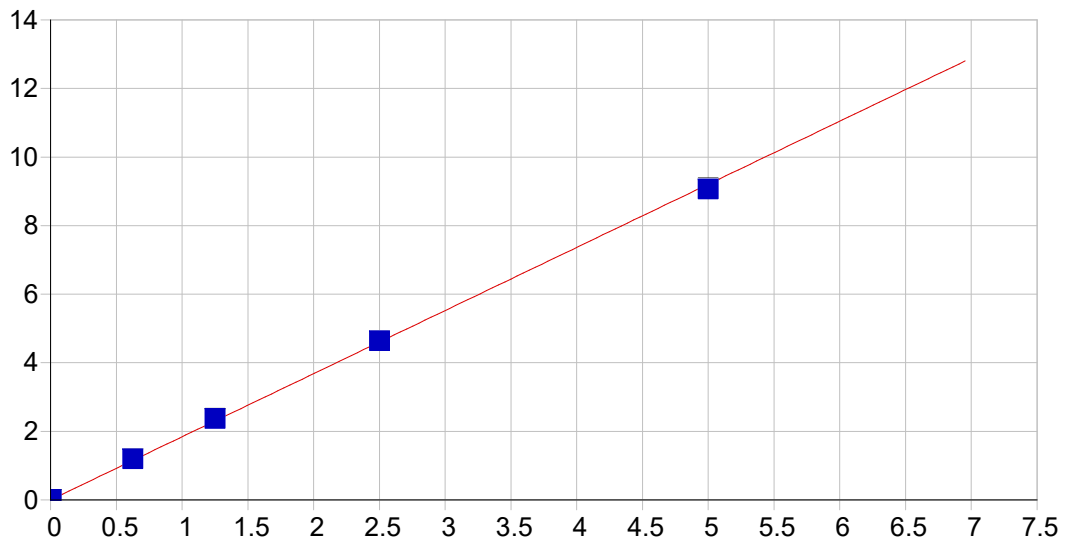


Be 234.861 {144}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002369	Re-Slope:	1.000000
A1 (Gain):	2.891747	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999452	Status:	OK.
Std Error of Est:	0.000358		
Predicted MDL:	0.000123		
Predicted MQL:	0.000410		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00237	.000	1
S1	.00500	.00580	.001	16.0	.01440	.001	1
S2	.12500	.13358	.009	6.86	.38298	.003	1
S3	.25000	.26015	.010	4.06	.74806	.001	1
S4	.50000	.50839	.008	1.68	1.4640	.007	1
S5	1.0000	.97208	-.028	-2.79	2.8012	.023	1

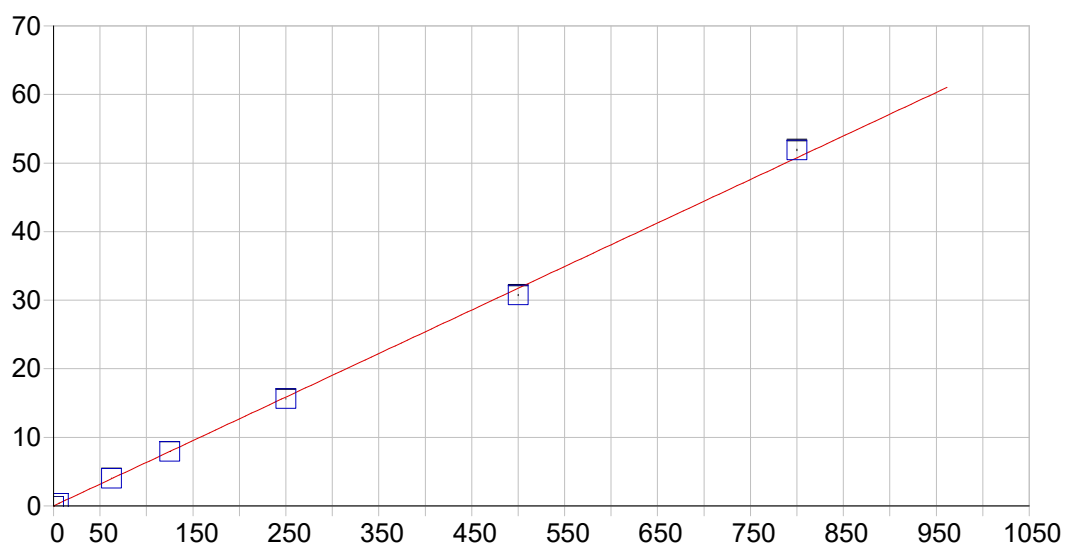


Cd 214.438 {457}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000401 Re-Slope: 1.000000
 A1 (Gain): 1.841055 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000298
 Predicted MDL: 0.000167
 Predicted MQL: 0.000556

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.00500	.00567	.001	13.4	.01085	.000	1
S2	.62500	.65061	.026	4.10	1.2005	.002	1
S3	1.2500	1.2852	.035	2.82	2.3711	.004	1
S4	2.5000	2.5174	.017	.697	4.6442	.008	1
S5	5.0000	4.9211	-.079	-1.58	9.0786	.020	1

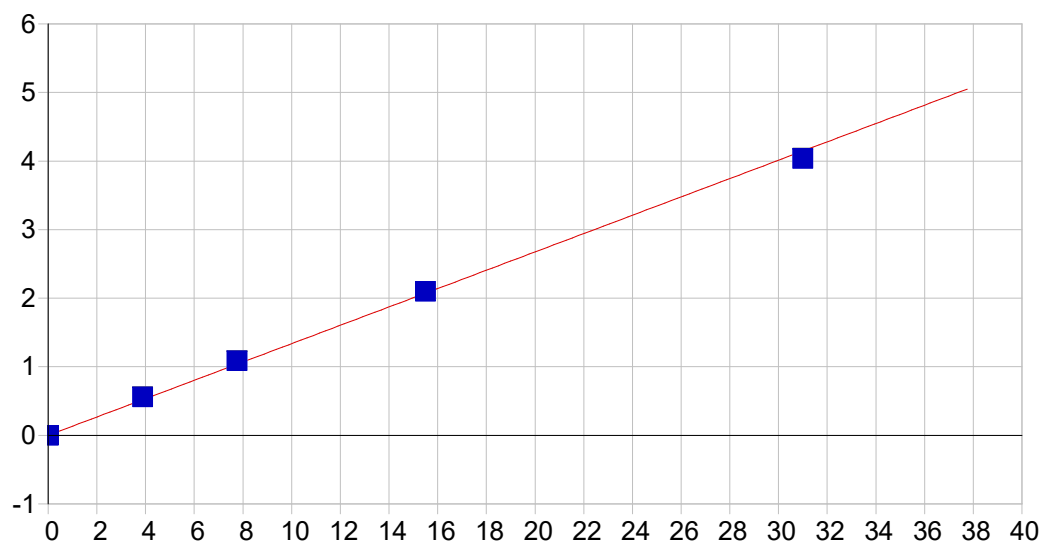


Ca 373.690 { 90}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001369 Re-Slope: 1.000000
 A1 (Gain): 0.063470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.005278
 Predicted MDL: 0.015138
 Predicted MQL: 0.050461

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00048	-.000	.000	.00134	.001	1
S1	5.0000	5.5182	.518	10.4	.35161	.001	1
S2	62.500	63.473	.973	1.56	4.0300	.008	1
S3	125.00	125.01	.013	.011	7.9360	.018	1
S4	250.00	246.10	-3.90	-1.56	15.622	.028	1
S5	500.00	484.70	-15.3	-3.06	30.765	.084	1
S6	800.00	817.69	17.7	2.21	51.901	.114	1

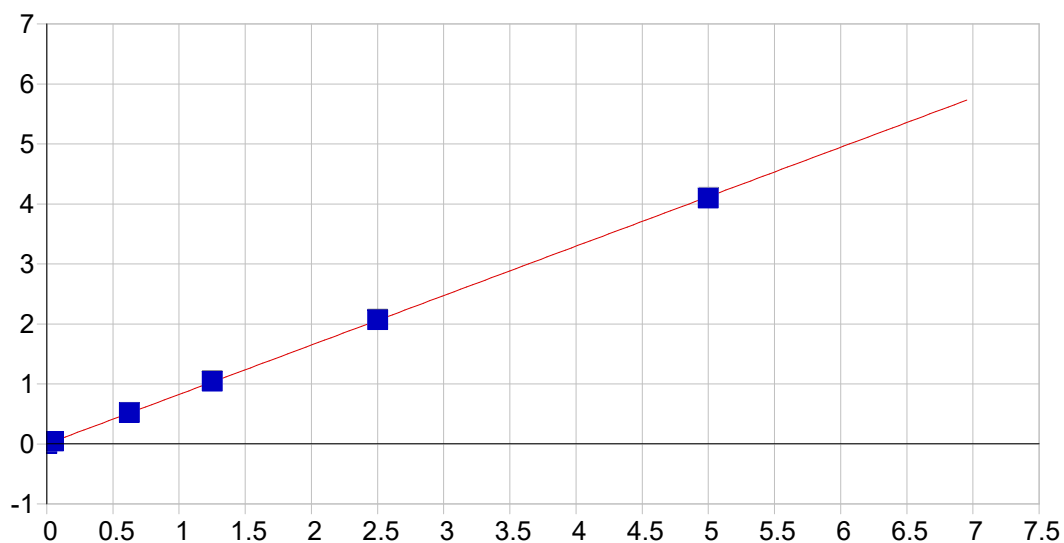


Cr 267.716 {126}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.133745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999458 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000699
 Predicted MQL: 0.002329

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01179	.002	17.9	.00154	.000	1
S2	3.8750	4.1612	.286	7.39	.55665	.001	1
S3	7.7500	8.1073	.357	4.61	1.0846	.003	1
S4	15.500	15.694	.194	1.25	2.0996	.000	1
S5	31.000	30.160	-.840	-2.71	4.0350	.006	1

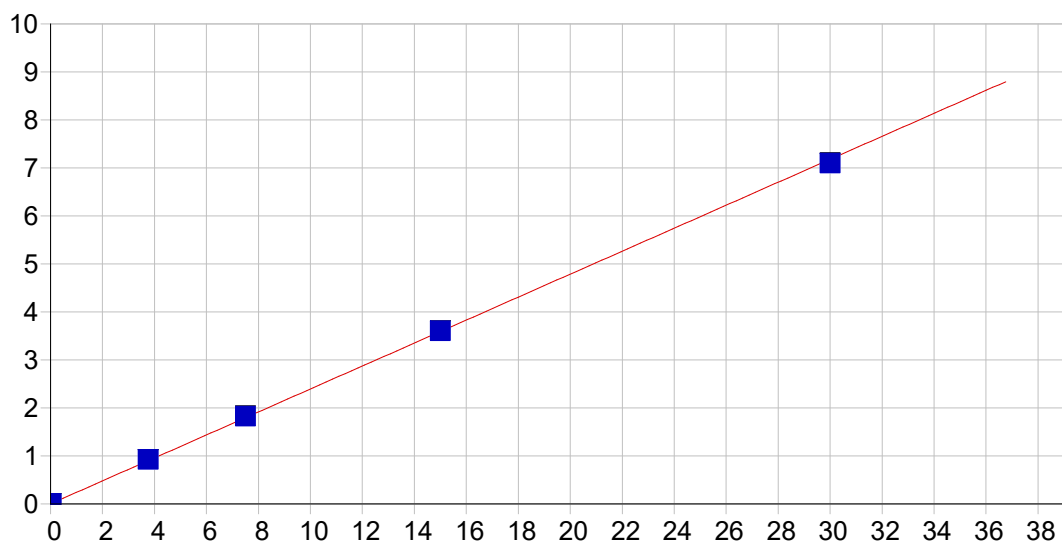


Co 228.616 {448}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000
A1 (Gain):	0.823995	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000187		
Predicted MDL:	0.000422		
Predicted MQL:	0.001406		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.05000	.05375	.004	7.51	.04453	.000	1
S2	.62500	.63281	.008	1.25	.52231	.001	1
S3	1.2500	1.2621	.012	.965	1.0416	.004	1
S4	2.5000	2.5059	.006	.236	2.0680	.007	1
S5	5.0000	4.9705	-.030	-.591	4.1019	.007	1

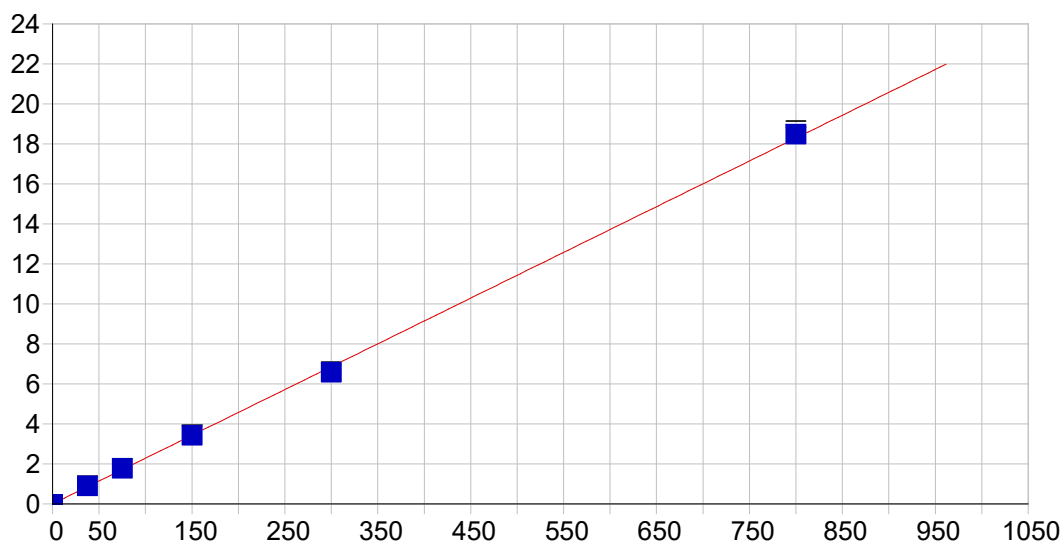


Cu 324.754 {104}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001463 Re-Slope: 1.000000
 A1 (Gain): 0.239261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.002628
 Predicted MQL: 0.008759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00146	.000	1
S1	.02500	.02886	.004	15.5	.00836	.000	1
S2	3.7500	3.8563	.106	2.84	.92292	.002	1
S3	7.5000	7.6409	.141	1.88	1.8272	.003	1
S4	15.000	15.074	.074	.493	3.6032	.008	1
S5	30.000	29.675	-.325	-1.08	7.0918	.003	1

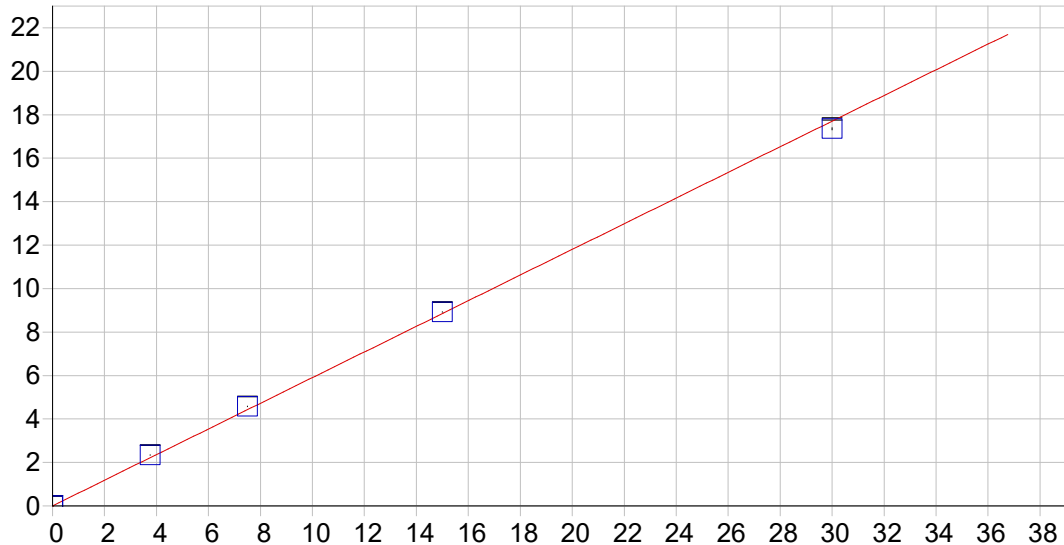


Fe 259.837 {130}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000309 Re-Slope: 1.000000
 A1 (Gain): 0.022863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.011890
 Predicted MQL: 0.039632

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00031	.000	1
S1	.10000	.10696	.007	6.96	.00276	.000	1
S2	37.500	39.023	1.52	4.06	.89352	.003	1
S3	75.000	77.347	2.35	3.13	1.7707	.005	1
S4	150.00	149.93	-.065	-.043	3.4324	.021	1
S5	300.00	287.83	-12.2	-4.06	6.5890	.027	1
S6	800.00	808.37	8.37	1.05	18.495	.154	1

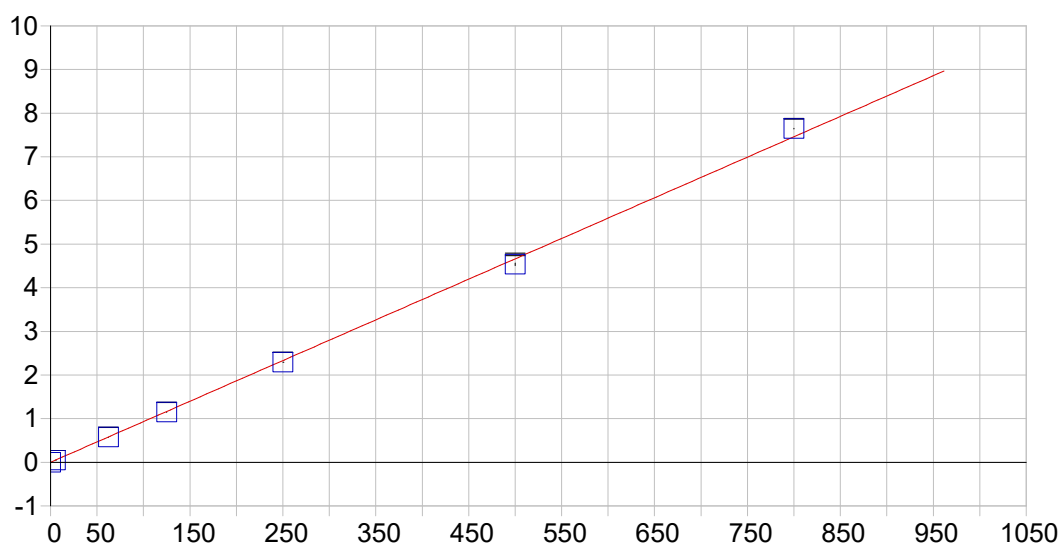


Mn 257.610 {131}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.590219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.000521
 Predicted MDL: 0.000548
 Predicted MQL: 0.001827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.01500	.01705	.002	13.7	.01033	.000	1
S2	3.7500	3.9662	.216	5.77	2.3412	.008	1
S3	7.5000	7.7629	.263	3.51	4.5821	.019	1
S4	15.000	15.115	.115	.766	8.9213	.012	1
S5	30.000	29.404	-.596	-1.99	17.355	.054	1

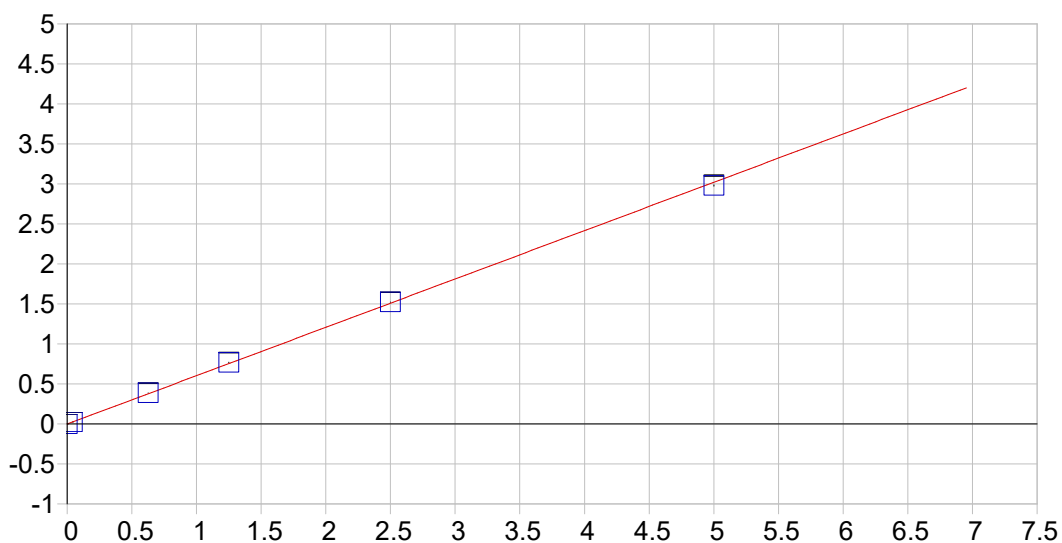


Mg 279.079 {121}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000229 Re-Slope: 1.000000
 A1 (Gain): 0.009325 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000772
 Predicted MDL: 0.035990
 Predicted MQL: 0.119965

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00023	.000	1
S1	5.0000	5.1825	.182	3.65	.04810	.000	1
S2	62.500	61.699	-.801	-1.28	.57512	.002	1
S3	125.00	122.94	-2.06	-1.65	1.1462	.005	1
S4	250.00	245.99	-4.01	-1.60	2.2937	.002	1
S5	500.00	486.58	-13.4	-2.68	4.5372	.028	1
S6	800.00	820.10	20.1	2.51	7.6473	.009	1

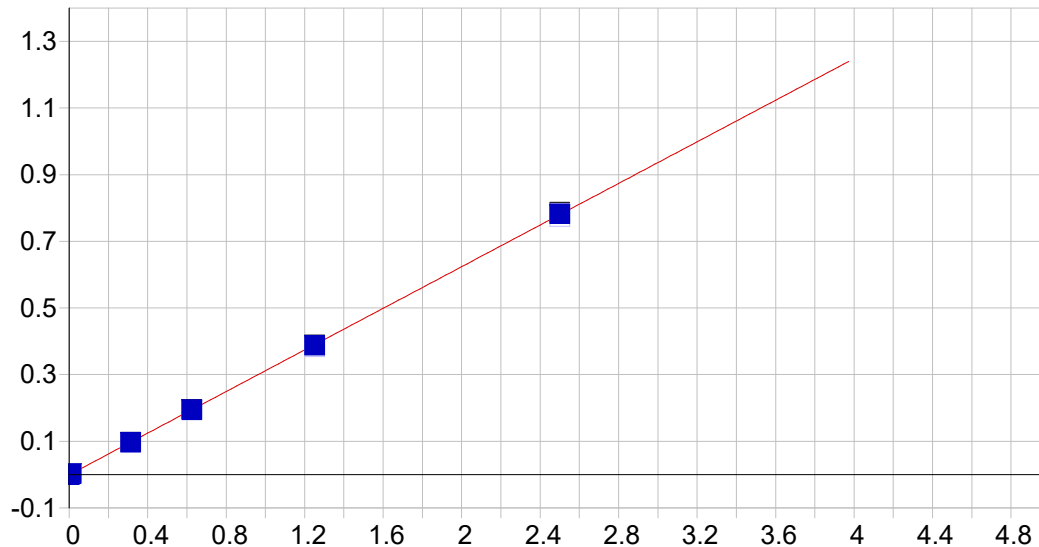


Ni 231.604 {446}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001723	Re-Slope:	1.000000
A1 (Gain):	0.604418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999863	Status:	OK.
Std Error of Est:	0.000238		
Predicted MDL:	0.000659		
Predicted MQL:	0.002197		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00173	.000	1
S1	.04000	.04459	.005	11.5	.02523	.000	1
S2	.62500	.64330	.018	2.93	.38710	.001	1
S3	1.2500	1.2732	.023	1.86	.76784	.003	1
S4	2.5000	2.5214	.021	.856	1.5223	.001	1
S5	5.0000	4.9325	-.068	-1.35	2.9796	.007	1

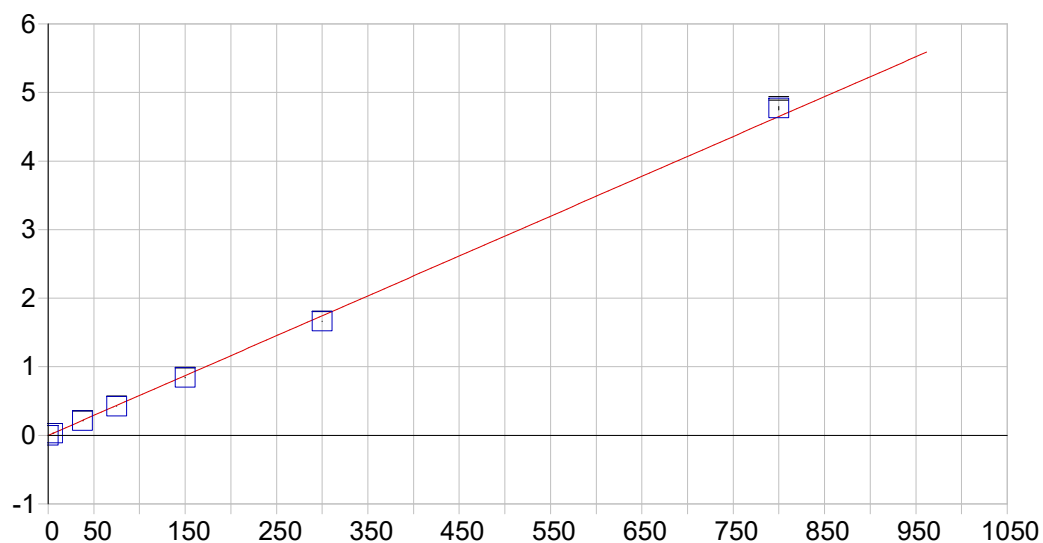


Ag 328.068 {103}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000638 Re-Slope: 1.000000
 A1 (Gain): 0.312268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.000517
 Predicted MQL: 0.001723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.01000	.01059	.001	5.93	.00265	.000	1
S2	.31250	.31119	-.001	-.418	.09550	.001	1
S3	.62500	.62559	.001	.094	.19264	.000	1
S4	1.2500	1.2430	-.007	-.556	.38337	.001	1
S5	2.5000	2.5071	.007	.283	.77394	.005	1

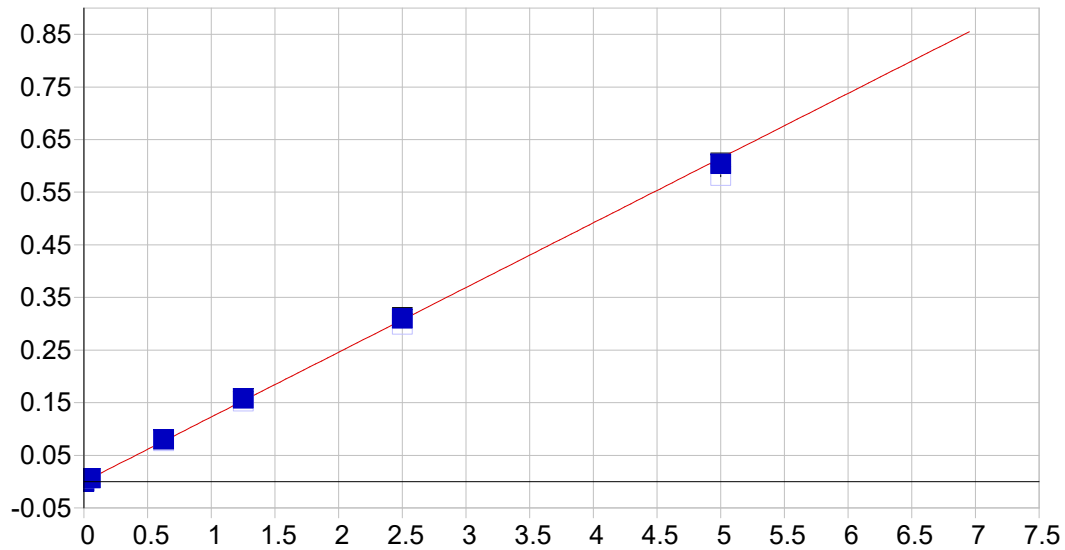


Na 818.326 { 41}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000127	Re-Slope:	1.000000
A1 (Gain):	0.005811	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999472	Status:	OK.
Std Error of Est:	0.000584		
Predicted MDL:	0.307027		
Predicted MQL:	1.023422		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	.00013	.001	1
S1	5.0000	5.2789	.279	5.58	.03080	.001	1
S2	37.500	36.572	-.928	-2.47	.21264	.001	1
S3	75.000	72.919	-2.08	-2.78	.42385	.002	1
S4	150.00	145.36	-4.64	-3.10	.84479	.004	1
S5	300.00	286.12	-13.9	-4.63	1.6628	.004	1
S6	800.00	821.25	21.2	2.66	4.7724	.026	1

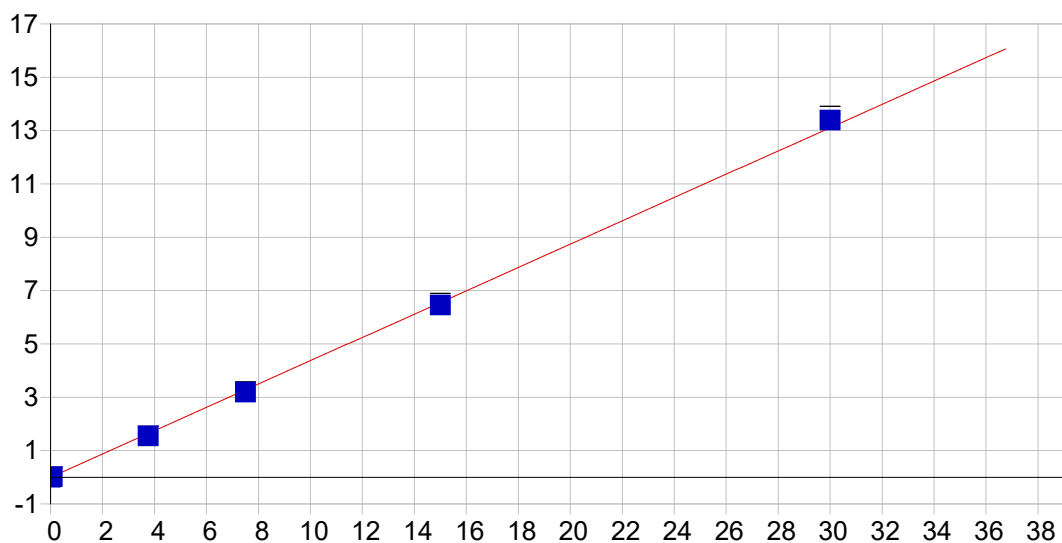


V 292.402 {115}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000184	Re-Slope:	1.000000
A1 (Gain):	0.123010	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.003681		
Predicted MQL:	0.012270		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00018	.000	1
S1	.05000	.05348	.003	6.95	.00638	.000	1
S2	.62500	.65077	.026	4.12	.07704	.001	1
S3	1.2500	1.2875	.038	3.00	.15253	.000	1
S4	2.5000	2.5218	.022	.874	.29871	.002	1
S5	5.0000	4.9113	-.089	-1.77	.58132	.002	1

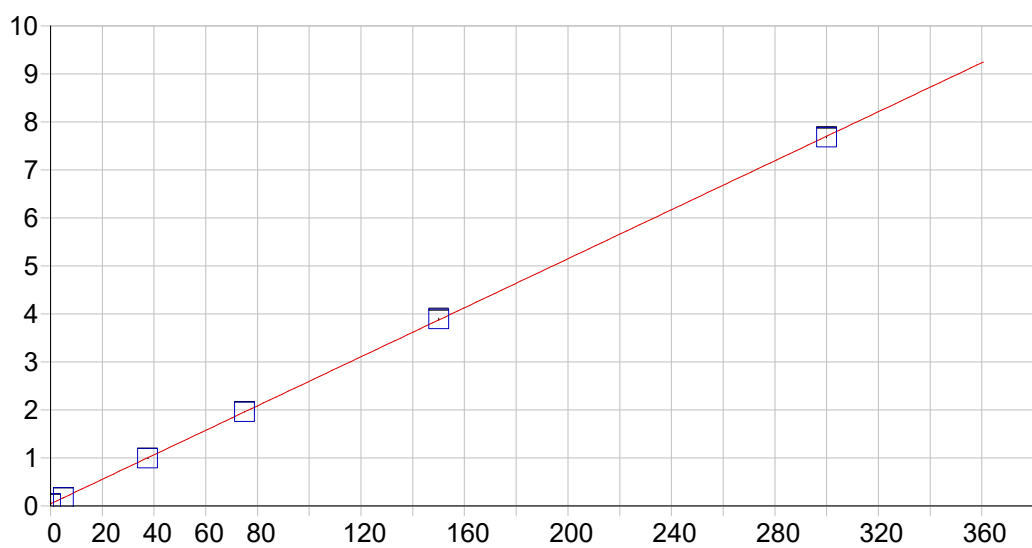


Zn 213.856 {158}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000845 Re-Slope: 1.000000
 A1 (Gain): 0.437042 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.000763
 Predicted MDL: 0.002821
 Predicted MQL: 0.009405

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.001	1
S1	.06000	.06059	.001	.976	.02572	.002	1
S2	3.7500	3.5467	-.203	-5.42	1.5505	.014	1
S3	7.5000	7.2939	-.206	-2.75	3.1895	.022	1
S4	15.000	14.769	-.231	-1.54	6.4591	.069	1
S5	30.000	30.639	.639	2.13	13.400	.141	1

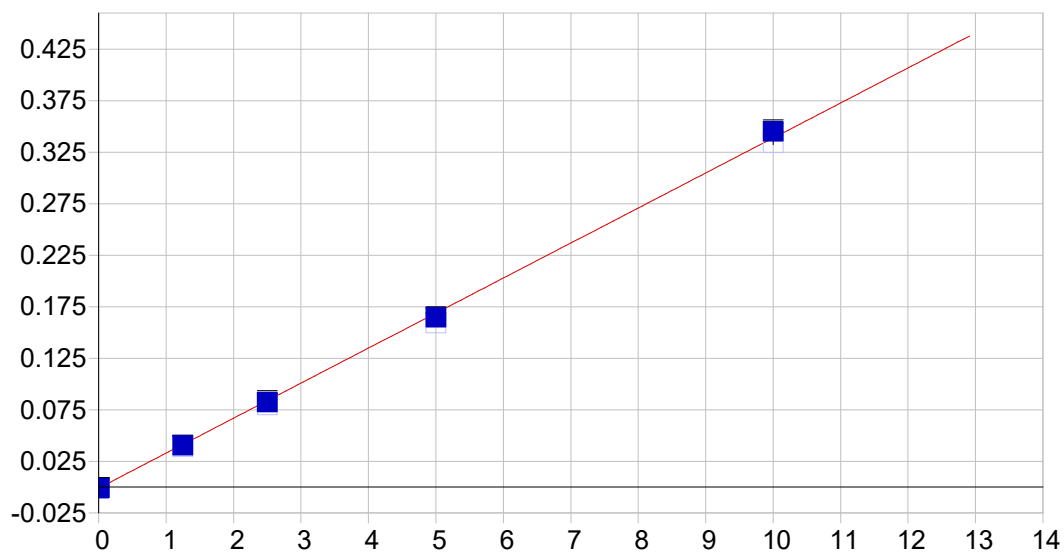


K 769.896 { 44}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.043869 Re-Slope: 1.000000
 A1 (Gain): 0.025526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000265
 Predicted MDL: 0.069617
 Predicted MQL: 0.232056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	.04387	.002	1
S1	5.0000	5.1472	.147	2.94	.17526	.001	1
S2	37.500	37.175	-.325	-.868	.99279	.002	1
S3	75.000	75.150	.150	.201	1.9622	.002	1
S4	150.00	150.84	.840	.560	3.8942	.019	1
S5	300.00	299.19	-.812	-.271	7.6810	.011	1

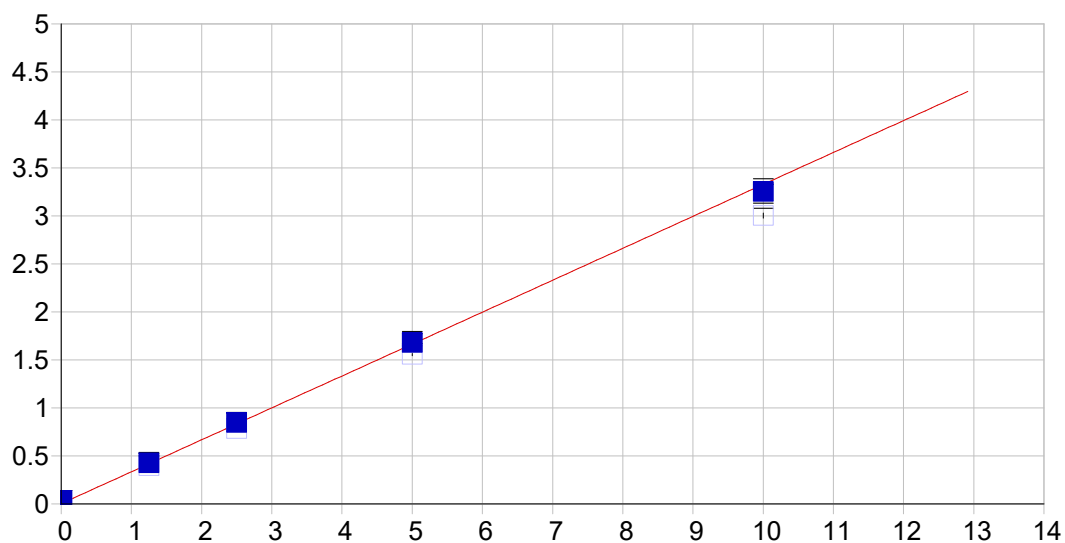


P 177.495 {490}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001011 Re-Slope: 1.000000
 A1 (Gain): 0.033981 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.005667
 Predicted MQL: 0.018892

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00101	.000	1
S1	.01000	.01124	.001	12.4	-.00064	.000	1
S2	1.2500	1.2220	-.028	-2.24	.03911	.000	1
S3	2.5000	2.4557	-.044	-1.77	.07962	.002	1
S4	5.0000	4.8813	-.119	-2.37	.15924	.001	1
S5	10.000	10.190	.190	1.90	.33401	.002	1

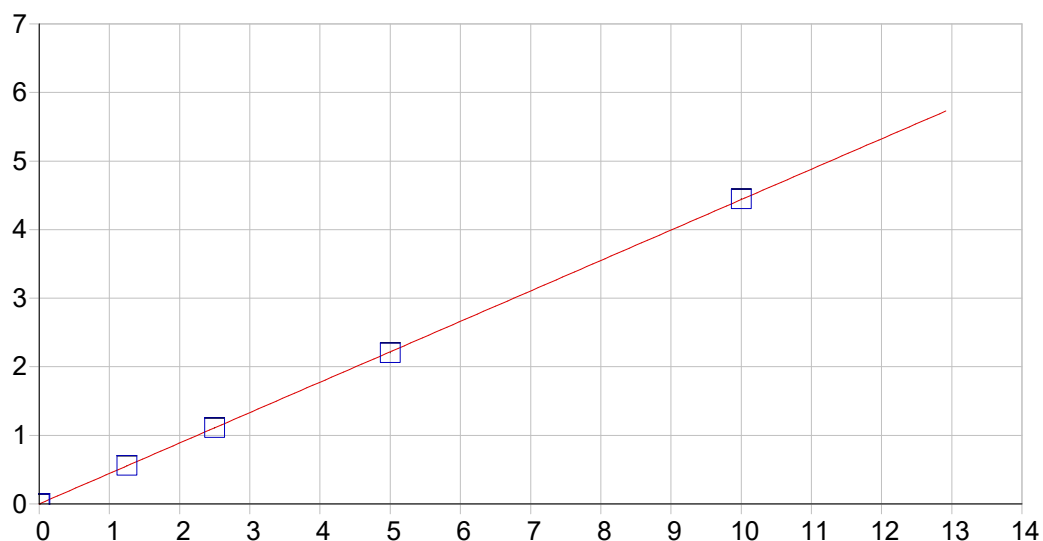


B 249.678 {135}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002240 Re-Slope: 1.000000
 A1 (Gain): 0.332548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.972571 Status: OK.
 Std Error of Est: 0.001233
 Predicted MDL: 0.001350
 Predicted MQL: 0.004501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00221	.000	1
S1	.01000	.10538	.095	954.	.03723	.001	1
S2	1.2500	1.2769	.027	2.15	.39547	.005	1
S3	2.5000	2.5410	.041	1.64	.78443	.003	1
S4	5.0000	5.0494	.049	.988	1.5558	.011	1
S5	10.000	9.7811	-.219	-2.19	3.0036	.028	1

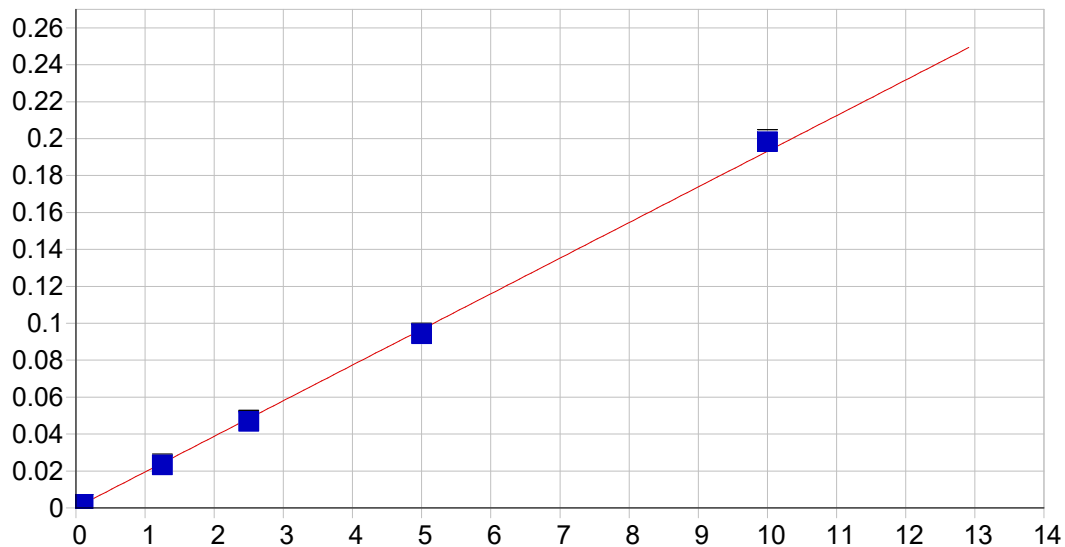


Mo 202.030 {467}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000364 Re-Slope: 1.000000
 A1 (Gain): 0.443644 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.000648
 Predicted MQL: 0.002160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.01000	.01131	.001	13.1	.00538	.000	1
S2	1.2500	1.2566	.007	.532	.55787	.001	1
S3	2.5000	2.5017	.002	.068	1.1102	.003	1
S4	5.0000	4.9669	-.033	-.663	2.2039	.003	1
S5	10.000	10.023	.023	.235	4.4472	.005	1

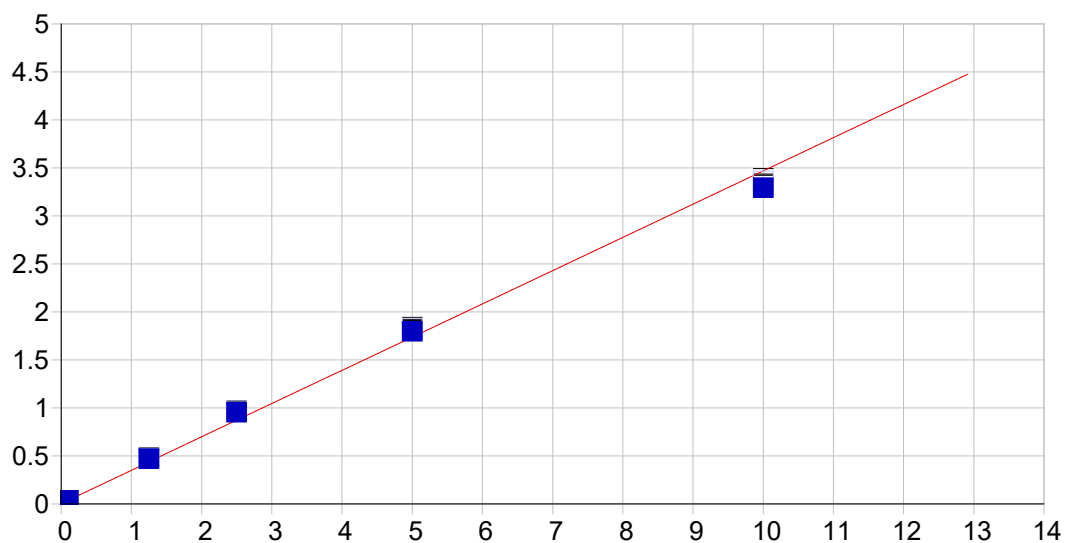


S 182.034 {485}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181 Re-Slope: 1.000000
 A1 (Gain): 0.019294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.008999
 Predicted MQL: 0.029997

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00018	.000	1
S1	.10000	.09417	-.006	-5.83	.00200	.000	1
S2	1.2500	1.1980	-.052	-4.16	.02329	.000	1
S3	2.5000	2.4193	-.081	-3.23	.04685	.001	1
S4	5.0000	4.8722	-.128	-2.56	.09418	.000	1
S5	10.000	10.266	.266	2.66	.19824	.001	1

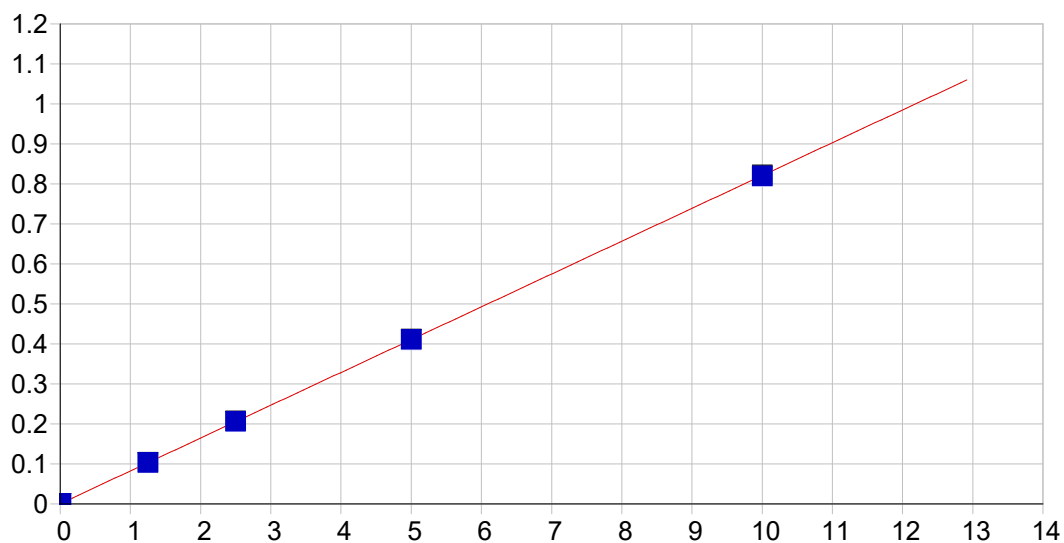


Si 251.611 {134}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004933 Re-Slope: 1.000000
 A1 (Gain): 0.346203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998483 Status: OK.
 Std Error of Est: 0.001034
 Predicted MDL: 0.001362
 Predicted MQL: 0.004542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00493	.001	1
S1	.10000	.09998	-.000	-.015	.03993	.001	1
S2	1.2500	1.3386	.089	7.09	.47680	.003	1
S3	2.5000	2.7368	.237	9.47	.96931	.002	1
S4	5.0000	5.1732	.173	3.46	1.8297	.011	1
S5	10.000	9.5014	-.499	-4.99	3.3619	.027	1

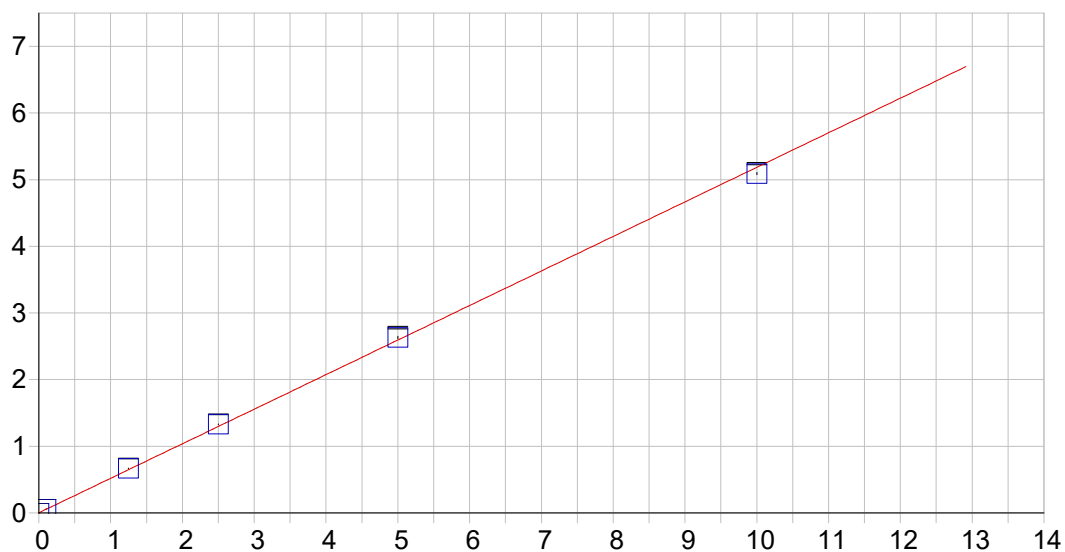


Sn 189.989 {478}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000468 Re-Slope: 1.000000
 A1 (Gain): 0.082040 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002329
 Predicted MQL: 0.007765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.00700	.00374	-.003	-46.6	.00076	.000	1
S2	1.2500	1.2533	.003	.265	.10301	.000	1
S3	2.5000	2.5099	.010	.394	.20582	.001	1
S4	5.0000	5.0050	.005	.099	.40996	.001	1
S5	10.000	9.9850	-.015	-.150	.81741	.002	1

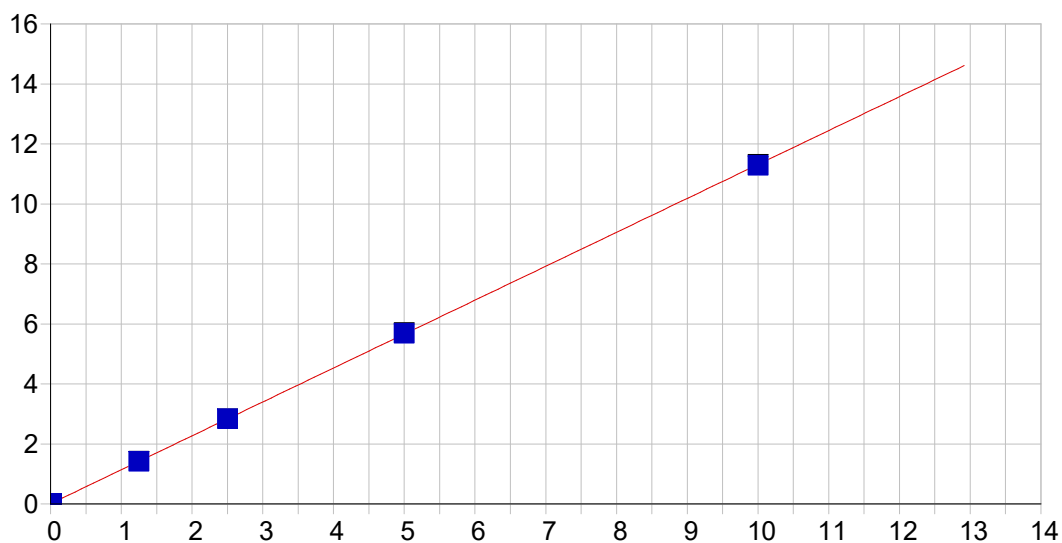


Ti 336.121 {100}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000699 Re-Slope: 1.000000
 A1 (Gain): 0.518489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000560
 Predicted MDL: 0.001346
 Predicted MQL: 0.004488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00069	.000	1
S1	.10000	.10794	.008	7.94	.05667	.000	1
S2	1.2500	1.2853	.035	2.82	.66710	.003	1
S3	2.5000	2.5649	.065	2.60	1.3306	.004	1
S4	5.0000	5.0750	.075	1.50	2.6320	.020	1
S5	10.000	9.8168	-.183	-1.83	5.0906	.016	1

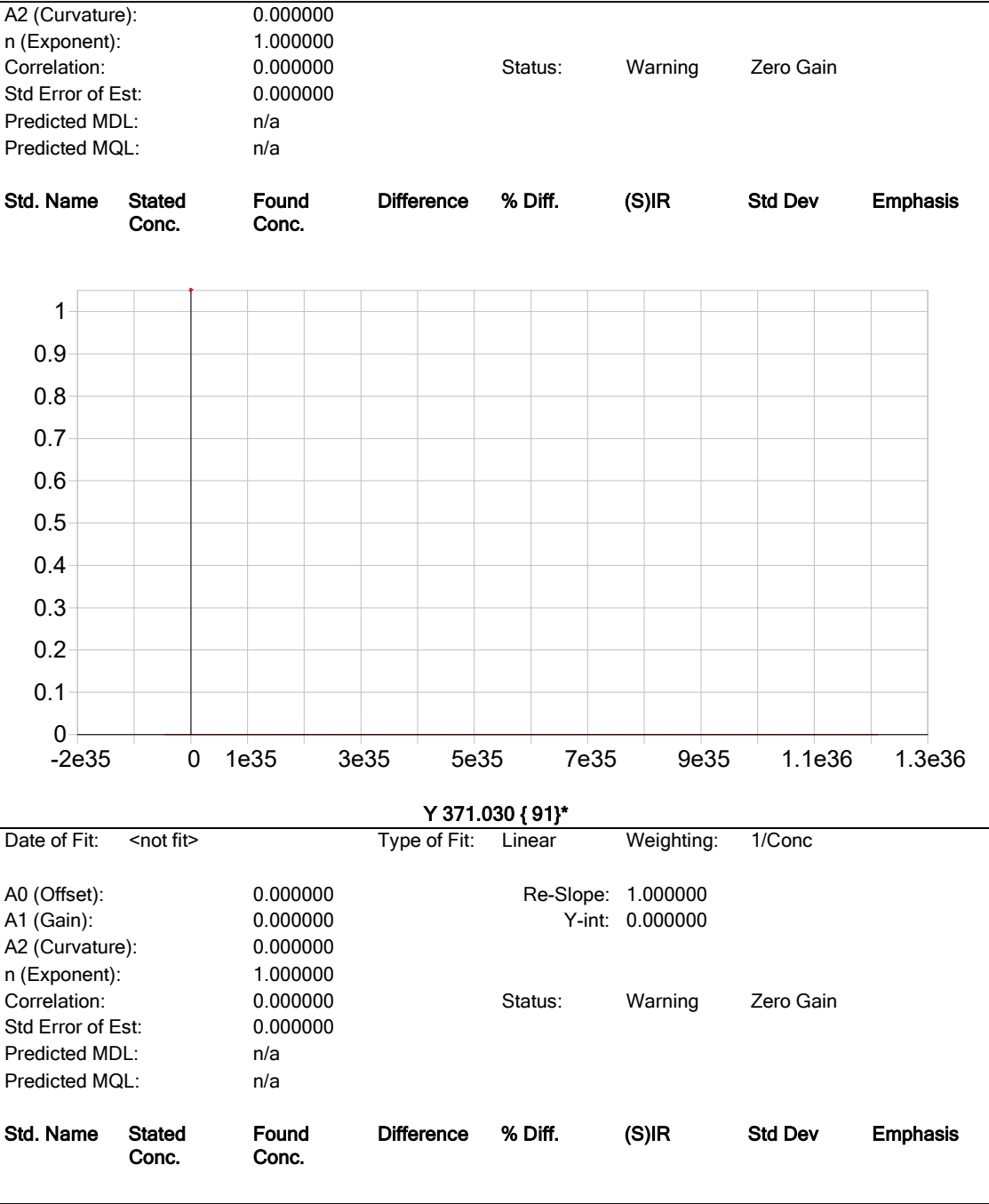


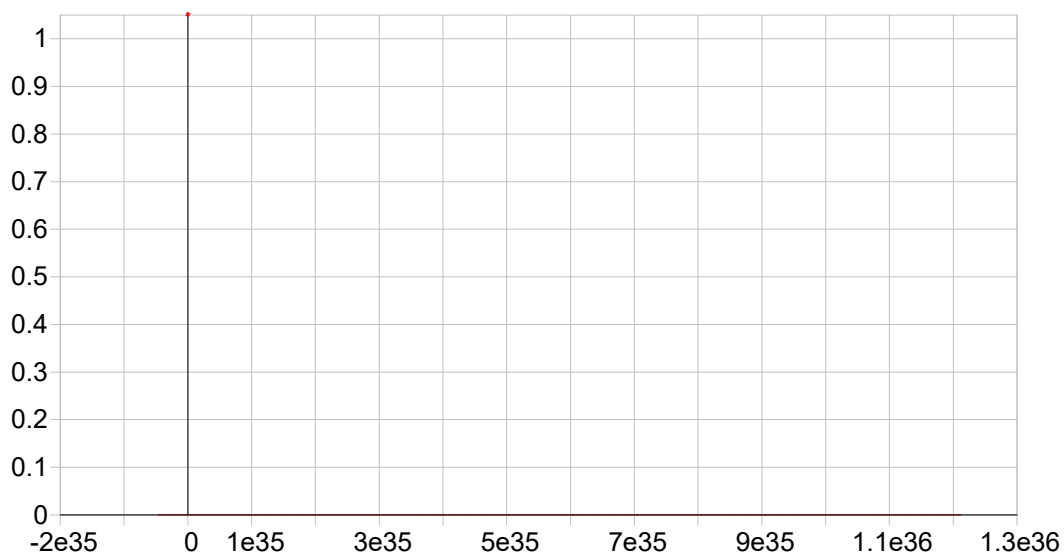
Li 670.784 { 50}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007360 Re-Slope: 1.000000
 A1 (Gain): 1.130676 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001611
 Predicted MQL: 0.005369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00736	.002	1
S5	10.000	9.9774	-.023	-.226	11.276	.033	1
S4	5.0000	5.0230	.023	.460	5.6806	.020	1
S3	2.5000	2.5045	.005	.180	2.8361	.005	1
S2	1.2500	1.2446	-.005	-.432	1.4131	.004	1
S1	.01500	.01547	.000	3.13	.02476	.001	1

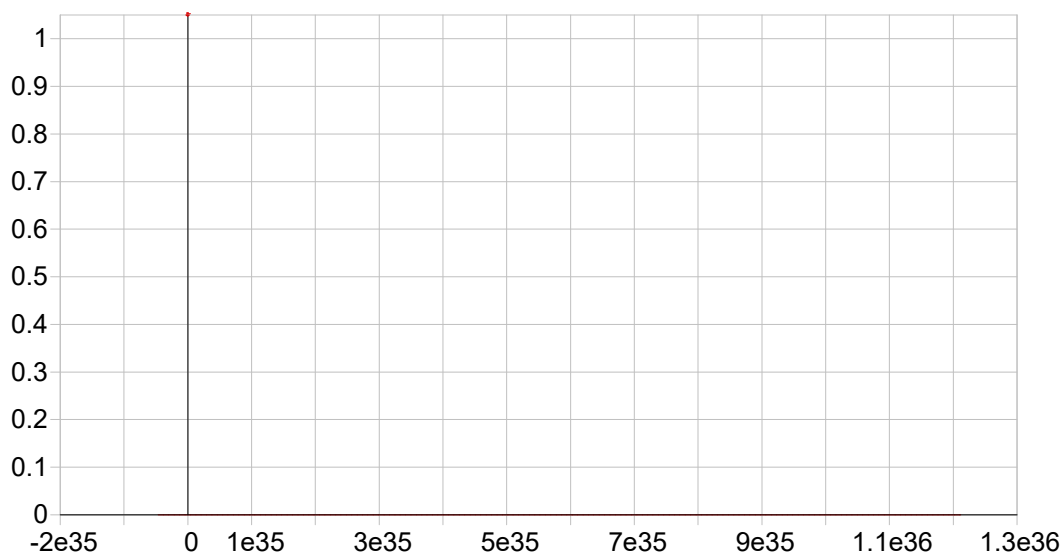




Y 224.306 {150}*

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				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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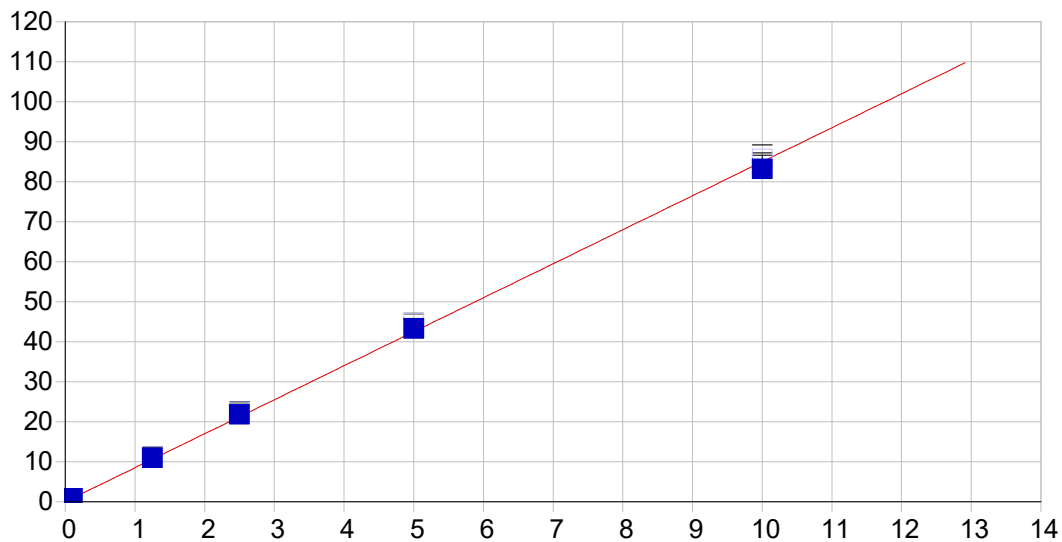
In 230.606 {446}^{*}

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

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

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 09/24/2021 2:09:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001134 Re-Slope: 1.000000
 A1 (Gain): 8.499615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.011060
 Predicted MDL: 0.000107
 Predicted MQL: 0.000357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00097	.001	1
S1	.10000	.11310	.013	13.1	.96329	.003	1
S2	1.2500	1.2889	.039	3.11	11.275	.034	1
S3	2.5000	2.5712	.071	2.85	22.492	.050	1
S4	5.0000	5.0924	.092	1.85	44.560	.044	1
S5	10.000	9.7847	-.215	-2.15	85.718	1.02	1

Sample Name: S0 Acquired: 09/23/2021 11:34:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	-.00037	-.00093	.00086	.00033	.00035	.00092	.00126	-.00237
Stddev	.00016	.00010	.00043	.00016	.00009	.00090	.00131	.00032
%RSD	43.516	10.751	49.721	47.598	26.018	97.568	103.90	13.332
#1	-.00039	-.00085	.00043	.00018	.00042	.00111	.00260	-.00272
#2	-.00052	-.00090	.00086	.00033	.00040	-.00006	-.00001	-.00230
#3	-.00020	-.00104	.00128	.00050	.00025	.00172	.00118	-.00210
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	.00040	.00134	-.00004	.00010	.00146	.00031	.00027	-.00023
Stddev	.00019	.00085	.00009	.00014	.00040	.00013	.00019	.00002
%RSD	47.686	63.530	228.88	147.27	27.456	41.044	69.814	9.1676
#1	.00018	.00091	-.00014	-.00007	.00165	.00036	.00037	-.00023
#2	.00052	.00232	.00001	.00017	.00173	.00040	.00005	-.00021
#3	.00050	.00079	.00002	.00019	.00100	.00017	.00038	-.00025
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	-.00173	-.00064	.00013	-.00018	-.00084	.04387	-.00101	.00221
Stddev	.00006	.00012	.00106	.00026	.00067	.00173	.00012	.00050
%RSD	3.6369	18.513	821.03	139.91	79.432	3.9434	11.842	22.422
#1	-.00171	-.00057	-.00094	.00004	-.00032	.04584	-.00112	.00272
#2	-.00180	-.00077	.00117	-.00047	-.00160	.04316	-.00103	.00174
#3	-.00168	-.00057	.00016	-.00013	-.00061	.04260	-.00088	.00217
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	.00036	.00018	.00493	.00047	.00069	.00736	.00097	
Stddev	.00029	.00010	.00051	.00003	.00011	.00209	.00082	
%RSD	80.795	52.789	10.338	7.3660	16.178	28.423	84.195	
#1	.00070	.00012	.00475	.00043	.00072	.00565	.00049	
#2	.00024	.00029	.00453	.00050	.00057	.00674	.00051	
#3	.00015	.00014	.00550	.00047	.00079	.00969	.00192	

Sample Name: S0 Acquired: 09/23/2021 11:34:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	1441.6	34490.	5308.8	779.10	1868.0
Stddev	3.2	232.	21.1	3.41	2.8
%RSD	.22015	.67171	.39749	.43708	.14921
#1	1438.2	34456.	5285.7	775.23	1864.9
#2	1442.4	34278.	5313.7	781.64	1869.0
#3	1444.4	34737.	5327.0	780.43	1870.2

Sample Name: S1 Acquired: 09/23/2021 11:38:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	-.00002	.00027	.00287	.00192	.00967	.02252	.80119	.01440
Stddev	.00013	.00022	.00024	.00004	.00004	.00061	.00297	.00073
%RSD	601.40	79.544	8.4473	1.9485	.43144	2.7149	.37012	5.1018
#1	.00011	.00012	.00260	.00194	.00965	.02323	.80014	.01360
#2	-.00014	.00052	.00297	.00187	.00972	.02214	.80454	.01505
#3	-.00003	.00017	.00305	.00194	.00965	.02220	.79889	.01453
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	.01085	.35161	.00154	.04453	.00836	.00276	.01033	.04810
Stddev	.00036	.00137	.00007	.00023	.00005	.00028	.00025	.00031
%RSD	3.3064	.39033	4.2497	.51502	.59580	10.142	2.4180	.64196
#1	.01084	.35196	.00147	.04427	.00838	.00304	.01008	.04830
#2	.01049	.35277	.00156	.04465	.00839	.00278	.01058	.04774
#3	.01121	.35009	.00159	.04468	.00830	.00248	.01033	.04825
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	.02523	.00265	.03080	.00638	.02572	.17526	-.00064	.03723
Stddev	.00015	.00004	.00137	.00016	.00153	.00122	.00020	.00069
%RSD	.59156	1.6407	4.4407	2.4456	5.9489	.69603	30.844	1.8584
#1	.02525	.00262	.03106	.00632	.02587	.17598	-.00084	.03648
#2	.02536	.00270	.02933	.00626	.02716	.17385	-.00045	.03738
#3	.02506	.00263	.03203	.00656	.02412	.17594	-.00062	.03784
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	.00538	.00200	.03993	.00076	.05667	.02476	.96329	
Stddev	.00023	.00009	.00126	.00004	.00037	.00084	.00292	
%RSD	4.3400	4.5579	3.1676	4.6909	.66170	3.4120	.30346	
#1	.00541	.00210	.03860	.00078	.05635	.02378	.96646	
#2	.00513	.00196	.04112	.00077	.05708	.02526	.96069	
#3	.00560	.00193	.04006	.00071	.05657	.02523	.96272	

Sample Name: S1 Acquired: 09/23/2021 11:38:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	1415.4	33909.	5243.1	769.04	1844.9
Stddev	2.4	147.	17.2	6.49	1.9
%RSD	.17279	.43481	.32761	.84336	.10265
#1	1418.2	33753.	5262.2	761.58	1847.1
#2	1414.4	34046.	5238.2	772.17	1843.6
#3	1413.7	33929.	5229.0	773.36	1844.1

Sample Name: S3 Acquired: 09/23/2021 11:46:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	.08812	.13889	2.4378	.09714	.35475	8.5030	19.428	.74806
Stddev	.00067	.00177	.0099	.00060	.00191	.0227	.041	.00067
%RSD	.75527	1.2732	.40735	.61925	.53788	.26665	.21257	.08893

#1	.08777	.13996	2.4320	.09768	.35553	8.4818	19.442	.74876
#2	.08888	.13986	2.4321	.09727	.35615	8.5269	19.460	.74798
#3	.08769	.13685	2.4493	.09649	.35258	8.5001	19.381	.74744

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	2.3711	7.9360	1.0846	1.0416	1.8272	1.7707	4.5821	1.1462
Stddev	.0043	.0176	.0032	.0043	.0033	.0054	.0190	.0050
%RSD	.17995	.22233	.29993	.41664	.18279	.30455	.41425	.43881

#1	2.3693	7.9223	1.0871	1.0395	1.8234	1.7647	4.5796	1.1466
#2	2.3680	7.9559	1.0809	1.0387	1.8296	1.7752	4.6022	1.1511
#3	2.3760	7.9298	1.0857	1.0466	1.8285	1.7722	4.5645	1.1410

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	.76784	.19264	.42385	.15253	3.1895	1.9622	.07962	.78443
Stddev	.00286	.00038	.00228	.00004	.0223	.0020	.00159	.00268
%RSD	.37207	.19800	.53819	.02914	.69897	.10197	1.9916	.34165

#1	.76725	.19303	.42156	.15254	3.1762	1.9599	.08034	.78138
#2	.76531	.19226	.42389	.15248	3.1770	1.9638	.08073	.78643
#3	.77094	.19261	.42612	.15257	3.2152	1.9627	.07781	.78548

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	1.1102	.04685	.96931	.20582	1.3306	2.8361	22.492
Stddev	.0028	.00069	.00169	.00075	.0036	.0051	.050
%RSD	.25624	1.4829	.17401	.36624	.27327	.18115	.22241

#1	1.1098	.04736	.96754	.20612	1.3267	2.8302	22.458
#2	1.1133	.04715	.96947	.20638	1.3311	2.8388	22.550
#3	1.1076	.04606	.97091	.20496	1.3339	2.8393	22.469

Sample Name: S3 Acquired: 09/23/2021 11:46:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	1337.9	33574.	5243.8	731.06	1700.1
Stddev	.6	126.	22.3	2.12	5.1
%RSD	.04170	.37616	.42610	.29009	.29970
#1	1338.2	33434.	5242.6	733.16	1702.1
#2	1338.2	33680.	5222.1	728.92	1703.9
#3	1337.2	33608.	5266.7	731.11	1694.3

Sample Name: S4 Acquired: 09/23/2021 11:50:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	.17678	.26743	4.8248	.18729	.70706	17.052	38.726	1.4640
Stddev	.00028	.00098	.0132	.00048	.00104	.080	.038	.0066
%RSD	.15798	.36719	.27379	.25443	.14740	.46836	.09900	.45427

#1	.17647	.26664	4.8310	.18701	.70612	16.965	38.738	1.4583
#2	.17702	.26853	4.8097	.18784	.70818	17.069	38.757	1.4713
#3	.17683	.26711	4.8338	.18703	.70688	17.122	38.683	1.4625

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	4.6442	15.622	2.0996	2.0680	3.6032	3.4324	8.9213	2.2937
Stddev	.0081	.028	.0005	.0068	.0082	.0209	.0125	.0022
%RSD	.17465	.18112	.02328	.32863	.22703	.60865	.14011	.09496

#1	4.6427	15.615	2.1001	2.0667	3.5970	3.4100	8.9309	2.2959
#2	4.6370	15.597	2.0995	2.0620	3.6002	3.4358	8.9072	2.2916
#3	4.6530	15.652	2.0992	2.0754	3.6125	3.4513	8.9260	2.2936

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	1.5223	.38337	.84479	.29871	6.4591	3.8942	.15924	1.5558
Stddev	.0014	.00144	.00390	.00156	.0692	.0185	.00054	.0114
%RSD	.09094	.37575	.46188	.52094	1.0710	.47571	.33763	.73266

#1	1.5212	.38264	.84087	.29692	6.4255	3.8764	.15964	1.5439
#2	1.5217	.38244	.84484	.29954	6.4131	3.8929	.15863	1.5666
#3	1.5238	.38503	.84867	.29967	6.5386	3.9134	.15945	1.5568

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	2.2039	.09418	1.8297	.40996	2.6320	5.6806	44.560
Stddev	.0025	.00042	.0112	.00084	.0199	.0202	.044
%RSD	.11504	.44773	.61136	.20478	.75491	.35474	.09966

#1	2.2022	.09379	1.8183	.41088	2.6139	5.6603	44.511
#2	2.2068	.09411	1.8407	.40923	2.6290	5.6809	44.569
#3	2.2027	.09463	1.8300	.40978	2.6533	5.7006	44.599

Sample Name: S4 Acquired: 09/23/2021 11:50:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	1266.6	32734.	5151.1	689.71	1597.1
Stddev	1.7	146.	19.8	5.10	.7
%RSD	.13113	.44686	.38466	.73952	.04220
#1	1268.0	32695.	5169.3	689.82	1596.9
#2	1264.7	32897.	5153.9	694.75	1597.8
#3	1267.1	32612.	5130.0	684.55	1596.5

Sample Name: S5 Acquired: 09/23/2021 11:54:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	.36437	.52520	9.5949	.37076	1.4406	33.845	74.555	2.8012
Stddev	.00039	.00063	.0278	.00070	.0023	.006	.818	.0226
%RSD	.10699	.11997	.29011	.18825	.15791	.01729	1.0974	.80725

#1	.36405	.52459	9.5944	.37074	1.4411	33.843	74.771	2.7832
#2	.36425	.52585	9.5673	.37147	1.4381	33.841	75.244	2.7938
#3	.36480	.52517	9.6230	.37008	1.4426	33.852	73.651	2.8266

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	9.0786	30.765	4.0350	4.1019	7.0918	6.5890	17.355	4.5372
Stddev	.0195	.084	.0056	.0073	.0027	.0272	.054	.0278
%RSD	.21501	.27336	.13892	.17719	.03850	.41221	.31068	.61273

#1	9.0887	30.826	4.0299	4.1035	7.0925	6.5699	17.378	4.5340
#2	9.0561	30.669	4.0410	4.0940	7.0888	6.6201	17.293	4.5112
#3	9.0910	30.801	4.0340	4.1083	7.0941	6.5771	17.394	4.5665

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	2.9796	.77394	1.6628	.58132	13.400	7.6810	.33401	3.0036
Stddev	.0066	.00524	.0039	.00179	.141	.0113	.00153	.0278
%RSD	.22207	.67743	.23362	.30810	1.0501	.14641	.45704	.92621

#1	2.9869	.77657	1.6648	.58192	13.492	7.6707	.33428	2.9854
#2	2.9740	.77734	1.6653	.58273	13.470	7.6792	.33538	2.9899
#3	2.9779	.76790	1.6583	.57930	13.238	7.6930	.33236	3.0357

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	4.4472	.19824	3.3619	.81741	5.0906	11.276	85.718
Stddev	.0046	.00116	.0273	.00242	.0165	.033	1.017
%RSD	.10454	.58495	.81098	.29581	.32379	.28888	1.1862

#1	4.4498	.19718	3.3392	.81917	5.0951	11.314	84.548
#2	4.4419	.19948	3.3542	.81465	5.1044	11.257	86.395
#3	4.4500	.19806	3.3921	.81841	5.0724	11.259	86.209

Sample Name: S5 Acquired: 09/23/2021 11:54:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	1163.4	31542.	5082.1	626.98	1471.5
Stddev	4.0	41.	20.8	4.04	4.3
%RSD	.34425	.13104	.40996	.64436	.29117
#1	1161.3	31505.	5105.8	622.53	1468.4
#2	1168.0	31533.	5074.0	627.99	1476.4
#3	1160.9	31587.	5066.6	630.42	1469.7

Sample Name: S6 Acquired: 09/23/2021 11:58:36 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1568) 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	91.203	51.901	18.495	7.6473	4.7724
Stddev	.571	.114	.154	.0089	.0259
%RSD	.62563	.22008	.83017	.11670	.54348

#1	90.636	51.919	18.318	7.6515	4.7443
#2	91.777	52.004	18.599	7.6371	4.7954
#3	91.194	51.778	18.567	7.6534	4.7774

Int. Std.	Y_3710
Units	Cts/S
Avg	5021.8
Stddev	11.2
%RSD	.22389

#1	5032.6
#2	5022.6
#3	5010.2