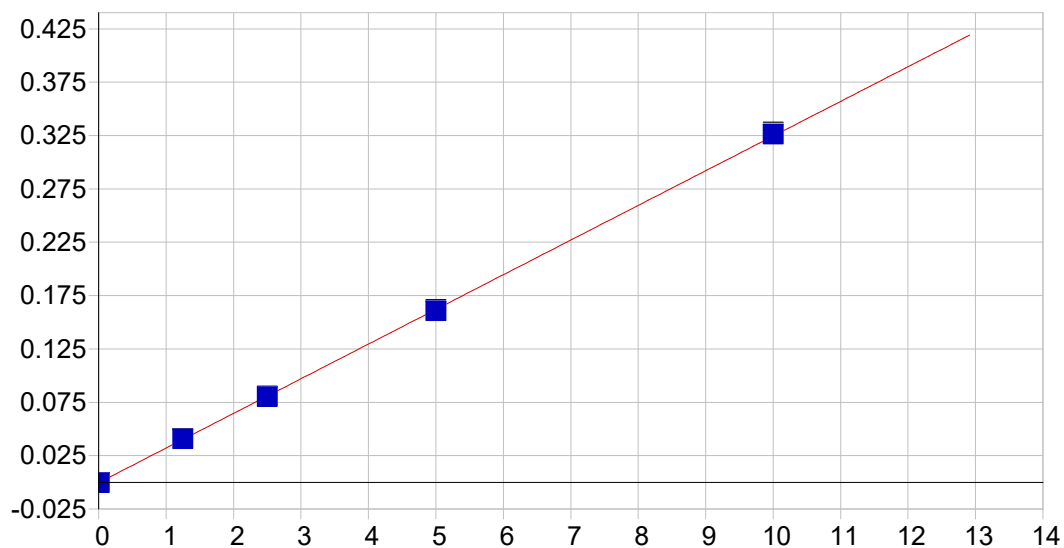


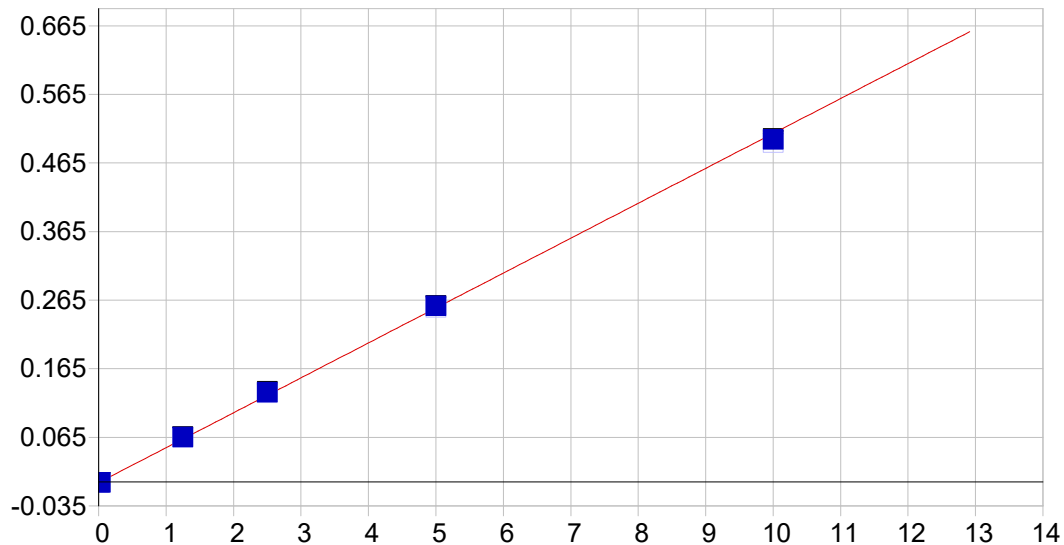


As 189.042 {479}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000397	Re-Slope:	1.000000
A1 (Gain):	0.032491	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999831	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.007169		
Predicted MQL:	0.023895		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00040	.000	1
S1	.01000	.00263	-.007	-73.7	-.00031	.000	1
S2	1.2500	1.2639	.014	1.11	.04077	.000	1
S3	2.5000	2.4843	-.016	-.628	.08053	.000	1
S4	5.0000	4.9547	-.045	-.905	.16101	.001	1
S5	10.000	10.054	.054	.544	.32713	.001	1

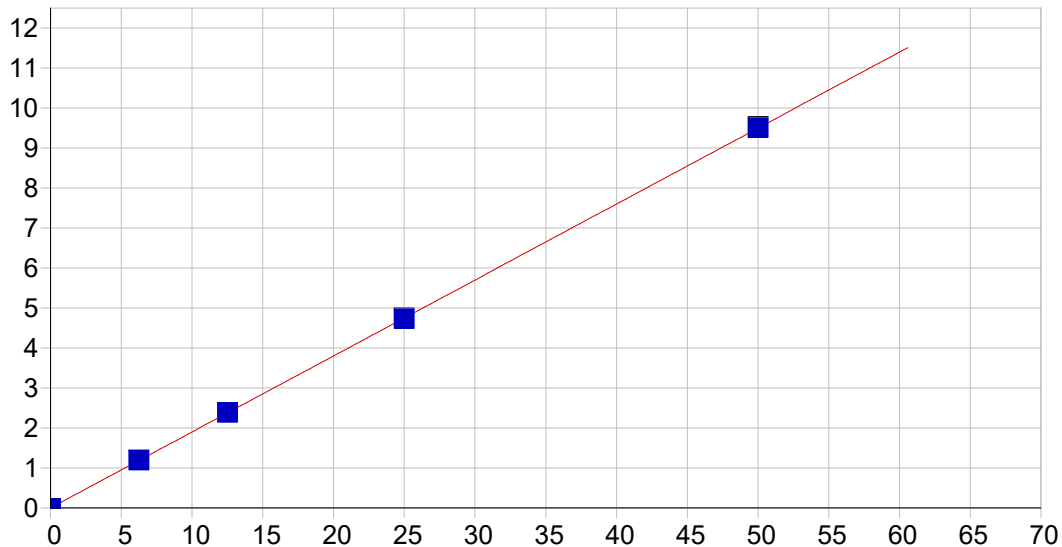


TI 190.856 {477}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001037 Re-Slope: 1.000000
 A1 (Gain): 0.050905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999007 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.004655
 Predicted MQL: 0.015518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00104	.000	1
S1	.02500	-.00134	-.026	-105.	-.00116	.000	1
S2	1.2500	1.2990	.049	3.92	.06451	.001	1
S3	2.5000	2.5899	.090	3.60	.12964	.001	1
S4	5.0000	5.0603	.060	1.21	.25424	.000	1
S5	10.000	9.8262	-.174	-1.74	.49453	.001	1

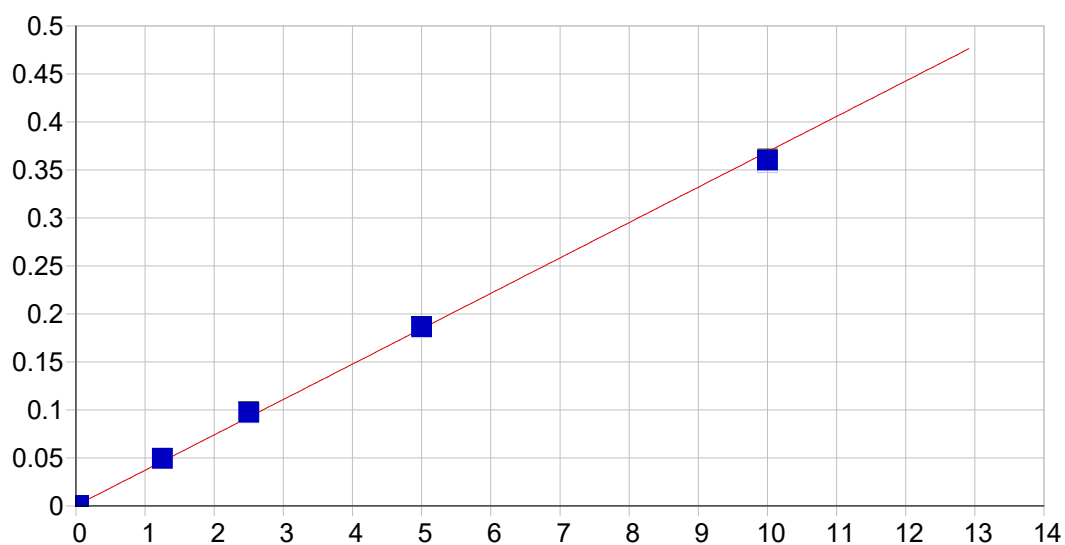


Pb 220.353 {453}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000827 Re-Slope: 1.000000
 A1 (Gain): 0.189961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.002551
 Predicted MQL: 0.008504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00083	.000	1
S1	.01000	.00017	-.010	-98.3	.00086	.000	1
S2	6.2500	6.2542	.004	.068	1.1896	.001	1
S3	12.500	12.539	.039	.311	2.3841	.004	1
S4	25.000	24.914	-.086	-.344	4.7362	.011	1
S5	50.000	50.053	.053	.106	9.5143	.020	1

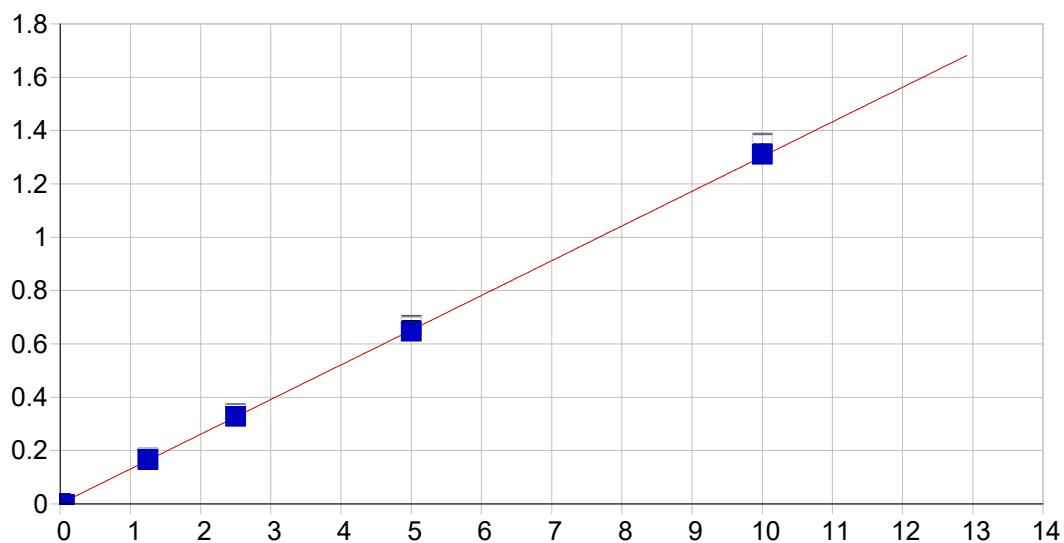


Se 196.090 {472}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000315 Re-Slope: 1.000000
 A1 (Gain): 0.036863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998963 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.006657
 Predicted MQL: 0.022192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00032	.000	1
S1	.03500	.00880	-.026	-74.8	.00064	.000	1
S2	1.2500	1.3300	.080	6.40	.04901	.000	1
S3	2.5000	2.6354	.135	5.41	.09680	.000	1
S4	5.0000	5.0526	.053	1.05	.18524	.000	1
S5	10.000	9.7583	-.242	-2.42	.35737	.001	1

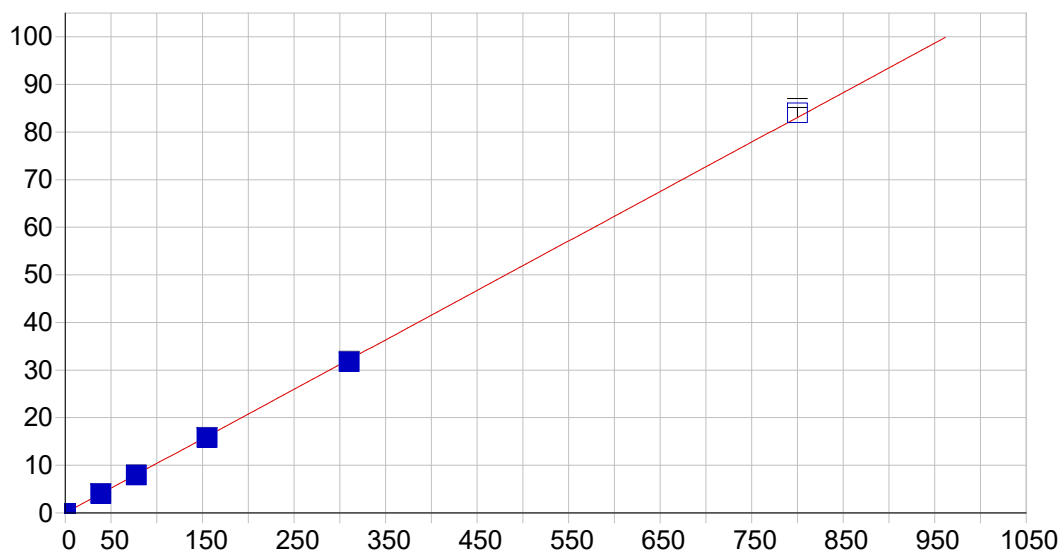


Sb 206.833 {463}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000698 Re-Slope: 1.000000
 A1 (Gain): 0.130147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998382 Status: OK.
 Std Error of Est: 0.000314
 Predicted MDL: 0.002702
 Predicted MQL: 0.009008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00071	.000	1
S1	.06000	-.00186	-.062	-103.	.00046	.000	1
S2	1.2500	1.2693	.019	1.54	.17086	.001	1
S3	2.5000	2.5085	.009	.341	.33711	.000	1
S4	5.0000	4.9684	-.032	-.632	.66719	.003	1
S5	10.000	10.064	.064	.639	1.3502	.003	1

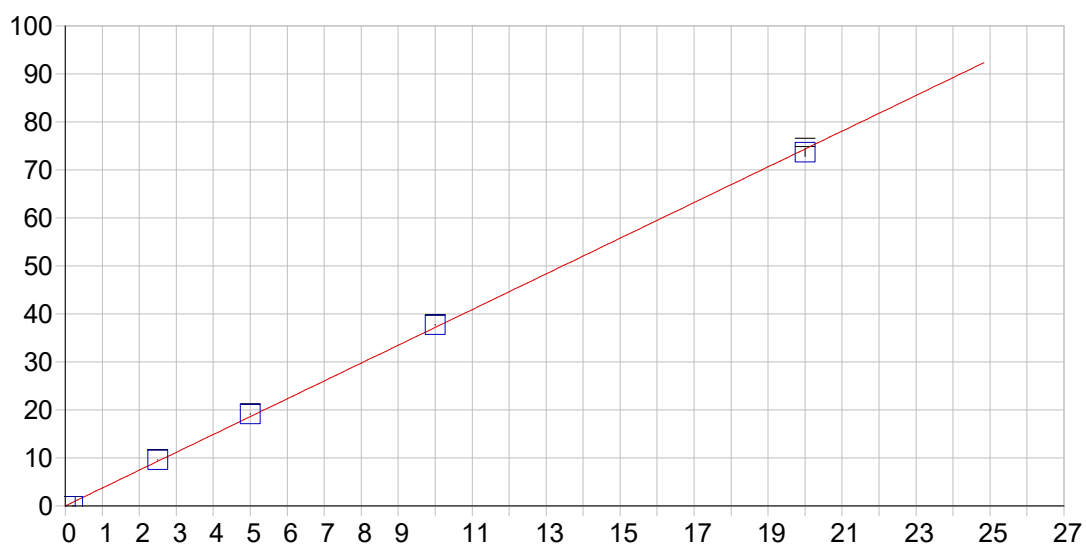


AI 396.152 { 85}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000518 Re-Slope: 1.000000
 A1 (Gain): 0.103861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000867
 Predicted MDL: 0.009703
 Predicted MQL: 0.032345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00052	.000	1
S1	.20000	.19900	-.001	-.502	.02120	.001	1
S2	38.750	38.542	-.208	-.537	4.0077	.013	1
S3	77.500	76.110	-1.39	-1.79	7.9138	.021	1
S4	155.00	152.17	-2.83	-1.83	15.822	.045	1
S5	310.00	305.38	-4.62	-1.49	31.751	.079	1
S6	800.00	809.06	9.06	1.13	84.030	.937	1

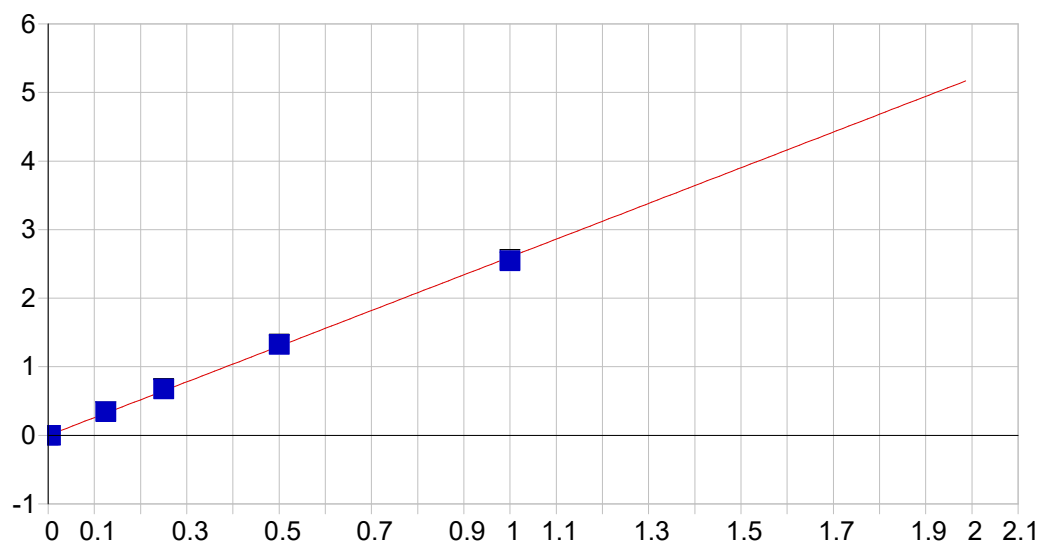


Ba 493.409 { 68}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007017 Re-Slope: 1.000000
 A1 (Gain): 3.717525 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997209 Status: OK.
 Std Error of Est: 0.029579
 Predicted MDL: 0.000733
 Predicted MQL: 0.002443

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	.00771	.003	1
S1	.20000	.00007	-.200	-100.0	.00729	.001	1
S2	2.5000	2.5886	.089	3.55	9.6303	.041	1
S3	5.0000	5.1412	.141	2.82	19.120	.078	1
S4	10.000	10.155	.155	1.55	37.758	.064	1
S5	20.000	19.815	-.185	-.924	73.671	.871	1

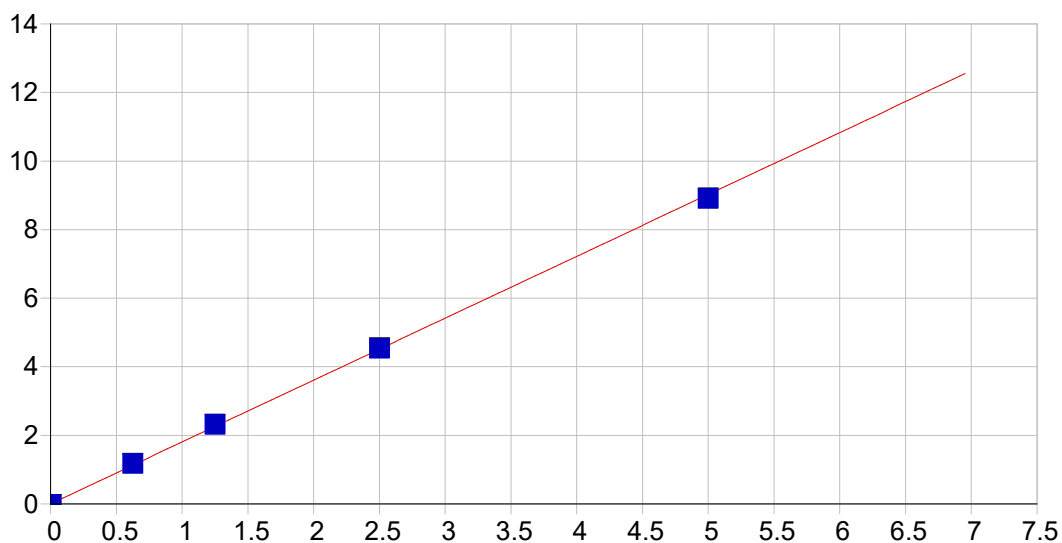


Be 234.861 {144}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001525 Re-Slope: 1.000000
 A1 (Gain): 2.602481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998195 Status: OK.
 Std Error of Est: 0.000586
 Predicted MDL: 0.000118
 Predicted MQL: 0.000393

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00151	.000	1
S1	.00500	-.00011	-.005	-102.	-.00182	.000	1
S2	.12500	.13340	.008	6.72	.34480	.003	1
S3	.25000	.25964	.010	3.85	.67249	.005	1
S4	.50000	.50850	.008	1.70	1.3185	.008	1
S5	1.0000	.97859	-.021	-2.14	2.5385	.020	1

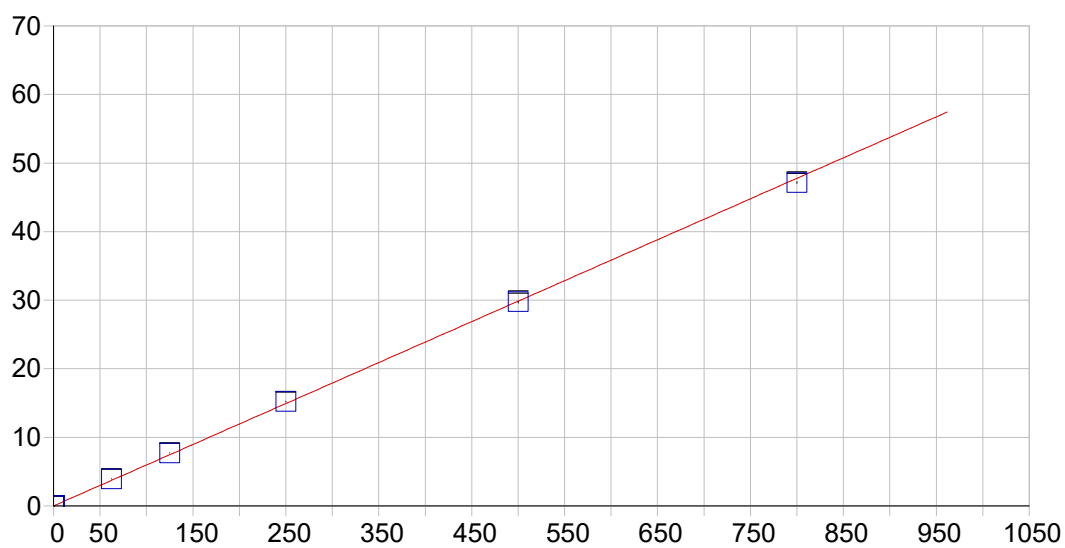


Cd 214.438 {457}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000859 Re-Slope: 1.000000
 A1 (Gain): 1.804988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.000452
 Predicted MDL: 0.000164
 Predicted MQL: 0.000547

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00087	.000	1
S1	.00500	-.00018	-.005	-104.	.00053	.000	1
S2	.62500	.65180	.027	4.29	1.1796	.002	1
S3	1.2500	1.2827	.033	2.61	2.3205	.004	1
S4	2.5000	2.5132	.013	.529	4.5461	.014	1
S5	5.0000	4.9325	-.068	-1.35	8.9218	.010	1

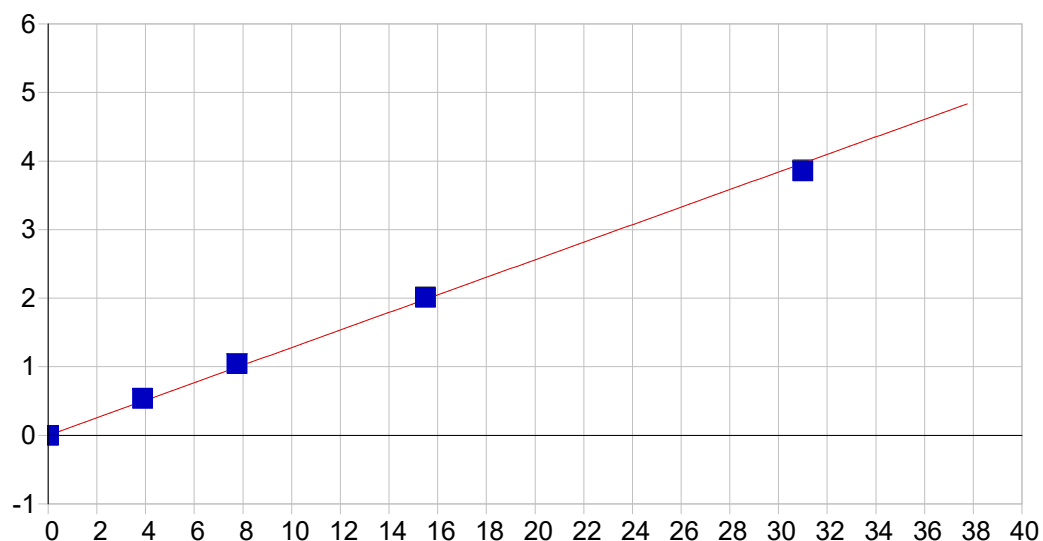


Ca 373.690 { 90}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001032 Re-Slope: 1.000000
 A1 (Gain): 0.059721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.001672
 Predicted MDL: 0.014271
 Predicted MQL: 0.047569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00103	.001	1
S1	1.0000	1.0150	.015	1.50	.06165	.002	1
S2	62.500	65.831	3.33	5.33	3.9325	.016	1
S3	125.00	129.26	4.26	3.41	7.7207	.014	1
S4	250.00	254.76	4.76	1.91	15.216	.040	1
S5	500.00	498.21	-1.79	-.357	29.755	.151	1
S6	800.00	789.41	-10.6	-1.32	47.146	.104	1

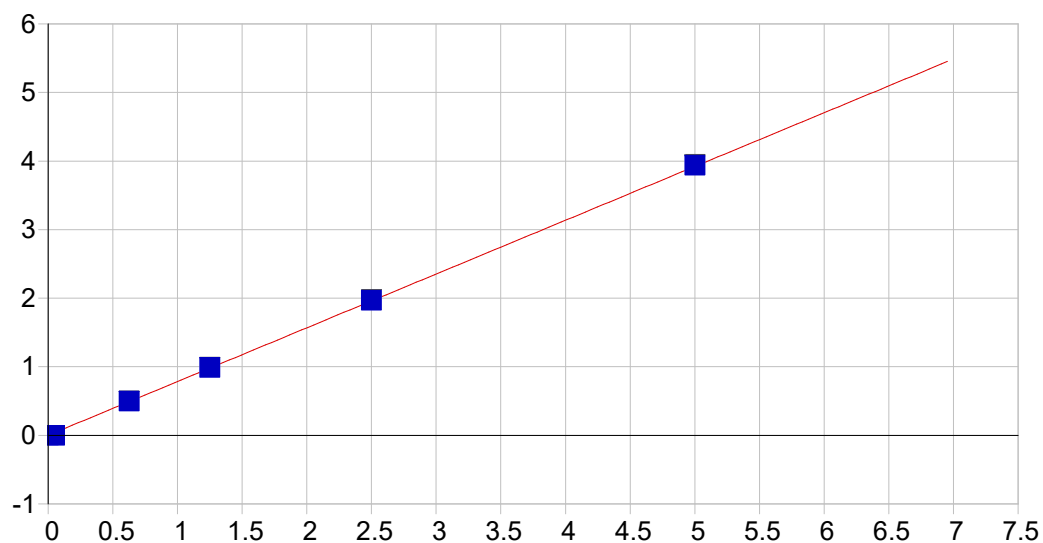


Cr 267.716 {126}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.128021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999245 Status: OK.
 Std Error of Est: 0.000147
 Predicted MDL: 0.000676
 Predicted MQL: 0.002253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00005	.000	1
S1	.01000	-.00036	-.010	-104.	-.00009	.000	1
S2	3.8750	4.1993	.324	8.37	.53769	.001	1
S3	7.7500	8.1576	.408	5.26	1.0446	.003	1
S4	15.500	15.684	.184	1.19	2.0084	.007	1
S5	31.000	30.095	-.905	-2.92	3.8538	.014	1

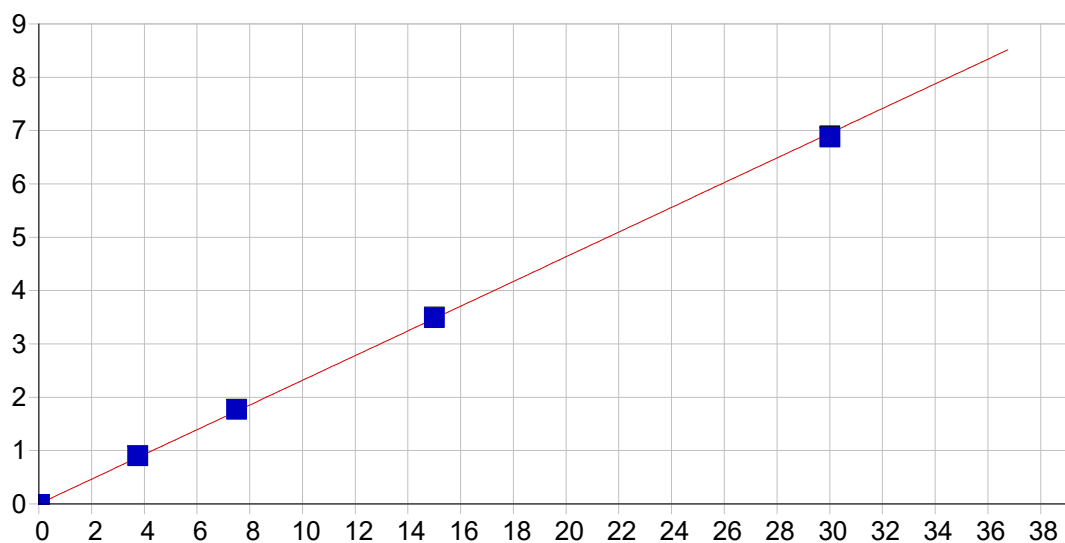


Co 228.616 {448}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.783997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997315 Status: OK.
 Std Error of Est: 0.001532
 Predicted MDL: 0.000428
 Predicted MQL: 0.001427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00037	.000	1
S1	.05000	-.00031	-.050	-101.	.00023	.000	1
S2	.62500	.63188	.007	1.10	.49645	.002	1
S3	1.2500	1.2603	.010	.825	.98988	.001	1
S4	2.5000	2.5118	.012	.472	1.9725	.007	1
S5	5.0000	5.0214	.021	.428	3.9430	.008	1

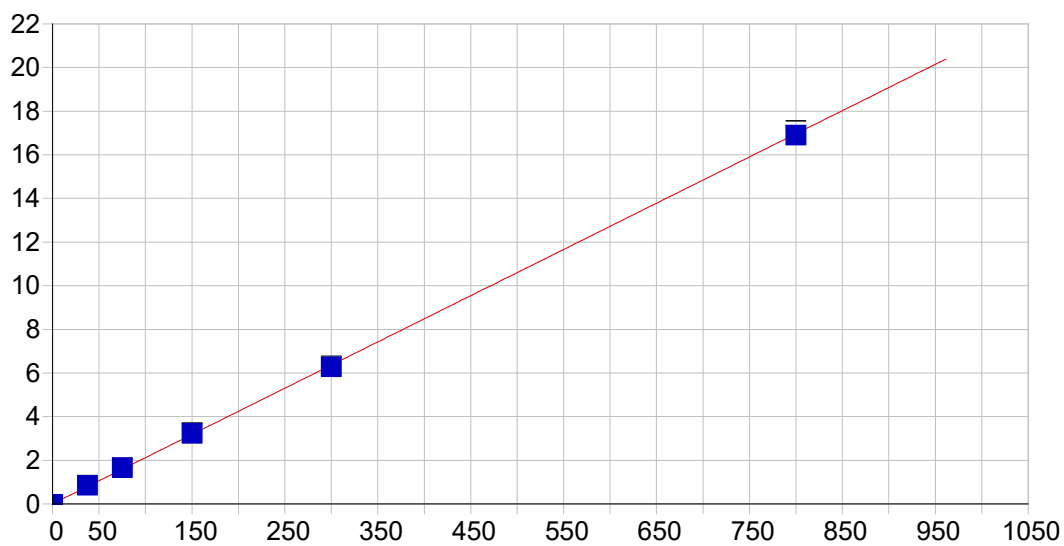


Cu 324.754 {104}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001516 Re-Slope: 1.000000
 A1 (Gain): 0.231621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.002406
 Predicted MQL: 0.008018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00152	.000	1
S1	.02500	.00002	-.025	-99.9	.00151	.001	1
S2	3.7500	3.8695	.119	3.19	.89659	.003	1
S3	7.5000	7.6479	.148	1.97	1.7706	.002	1
S4	15.000	15.072	.072	.480	3.4878	.011	1
S5	30.000	29.686	-.314	-1.05	6.8679	.023	1

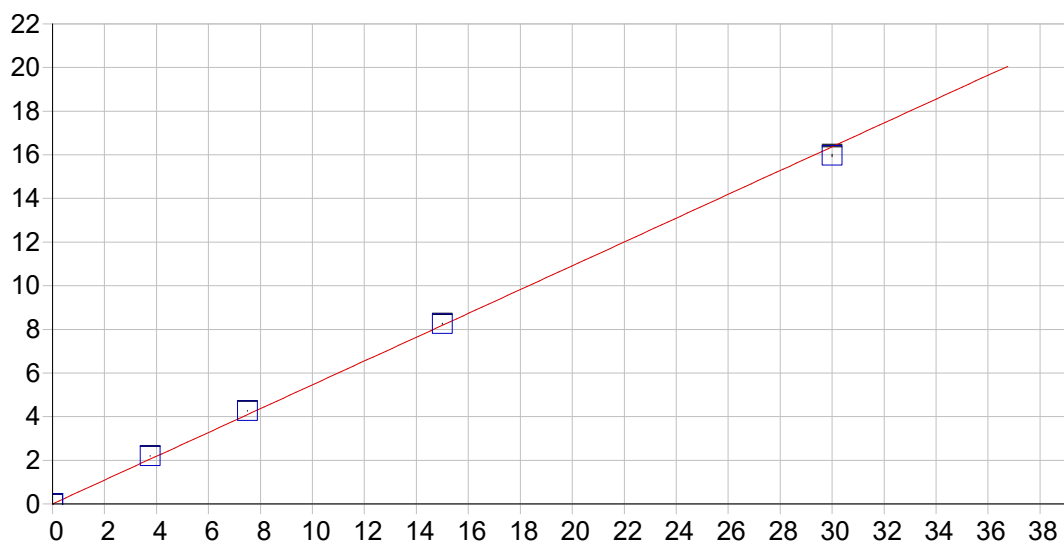


Fe 259.837 {130}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.021207 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.011280
 Predicted MQL: 0.037601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00012	.000	1
S1	.10000	.09955	-.000	-.455	.00224	.000	1
S2	37.500	39.775	2.27	6.07	.84455	.003	1
S3	75.000	77.841	2.84	3.79	1.6528	.008	1
S4	150.00	152.30	2.30	1.54	3.2337	.016	1
S5	300.00	295.96	-4.04	-1.35	6.2840	.034	1
S6	800.00	796.62	-3.38	-.423	16.905	.202	1

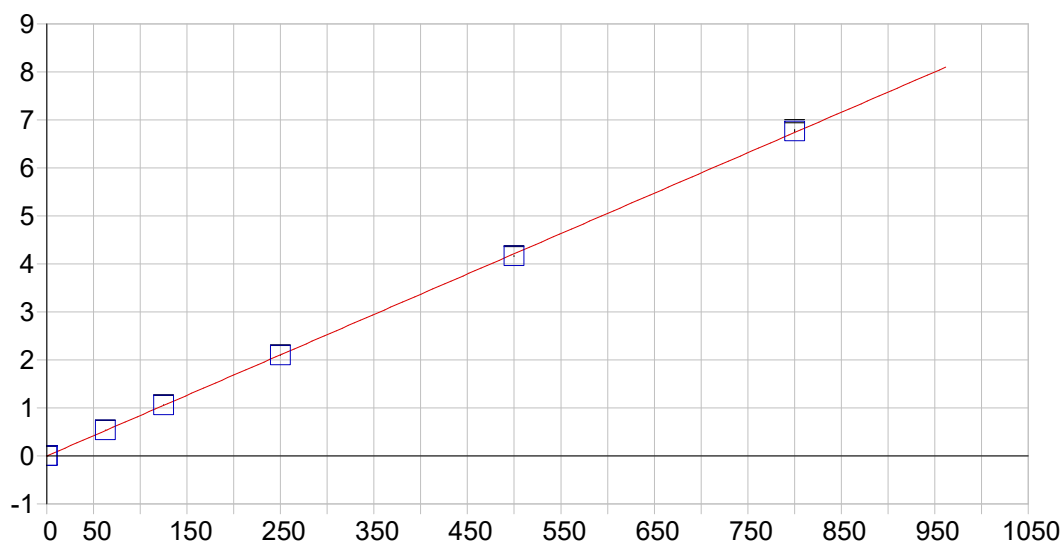


Mn 257.610 {131}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000306 Re-Slope: 1.000000
 A1 (Gain): 0.545673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535 Status: OK.
 Std Error of Est: 0.000592
 Predicted MDL: 0.000514
 Predicted MQL: 0.001712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.01500	.01610	.001	7.31	.00909	.000	1
S2	3.7500	4.0206	.271	7.22	2.1943	.014	1
S3	7.5000	7.8235	.324	4.31	4.2694	.016	1
S4	15.000	15.132	.132	.882	8.2576	.023	1
S5	30.000	29.272	-.728	-2.43	15.973	.060	1

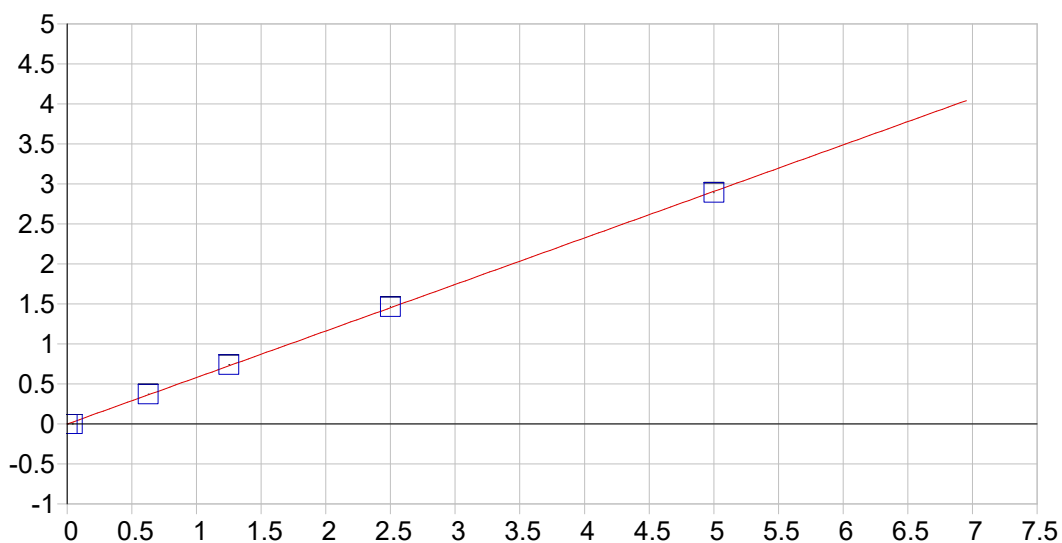


Mg 279.079 {121}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000306 Re-Slope: 1.000000
 A1 (Gain): 0.008422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.034588
 Predicted MQL: 0.115292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00031	.000	1
S1	1.0000	.99651	-.003	-.349	.00809	.000	1
S2	62.500	63.825	1.33	2.12	.53720	.001	1
S3	125.00	125.95	.949	.759	1.0604	.004	1
S4	250.00	249.52	-.479	-.191	2.1010	.008	1
S5	500.00	494.42	-5.58	-1.12	4.1634	.011	1
S6	800.00	803.79	3.79	.474	6.7689	.033	1

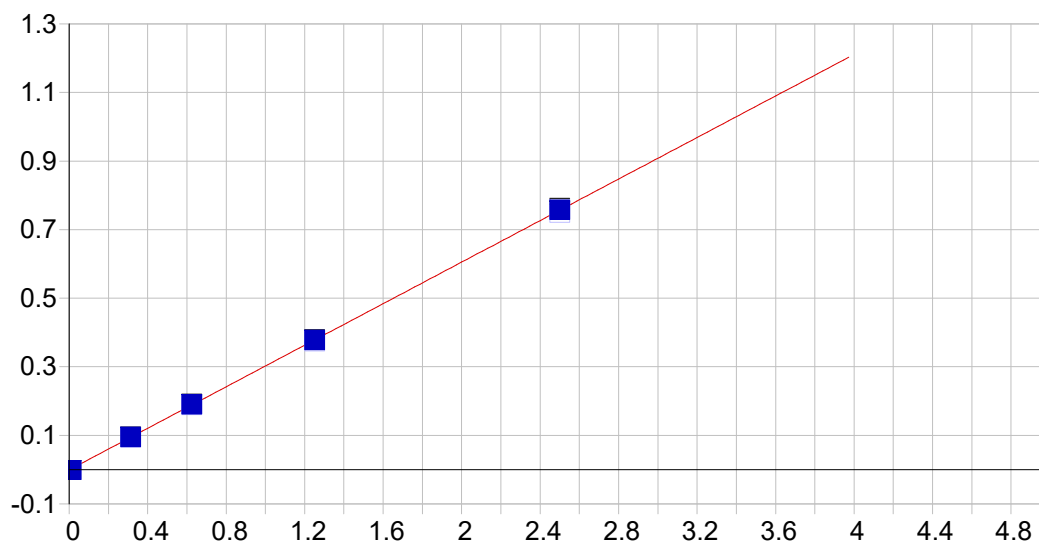


Ni 231.604 {446}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001297 Re-Slope: 1.000000
 A1 (Gain): 0.581465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997790 Status: OK.
 Std Error of Est: 0.000920
 Predicted MDL: 0.000659
 Predicted MQL: 0.002197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00127	.000	1
S1	.04000	-.00018	-.040	-100.	-.00140	.000	1
S2	.62500	.64392	.019	3.03	.37312	.001	1
S3	1.2500	1.2739	.024	1.91	.73944	.001	1
S4	2.5000	2.5223	.022	.894	1.4654	.003	1
S5	5.0000	4.9750	-.025	-.500	2.8915	.004	1

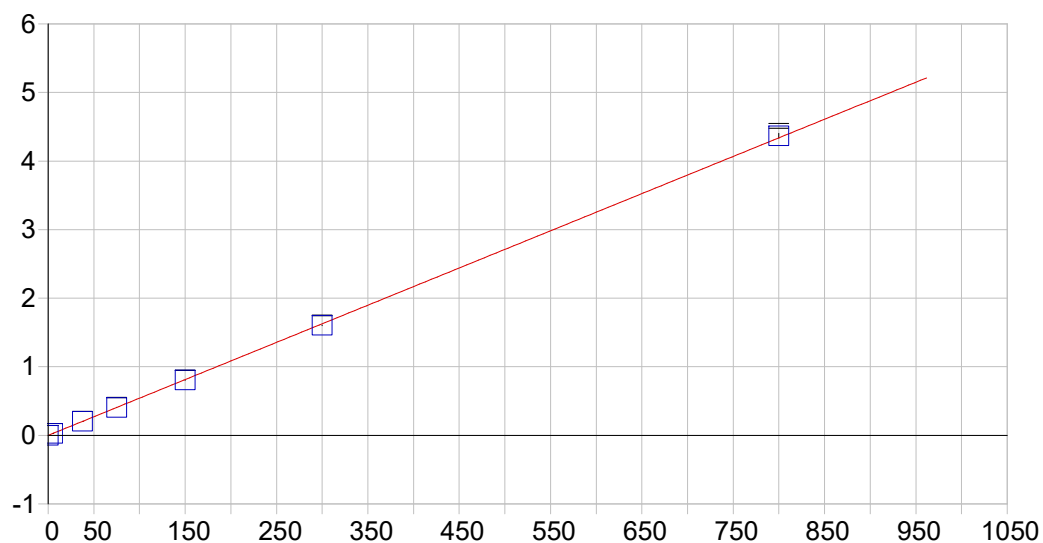


Ag 328.068 {103}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000667 Re-Slope: 1.000000
 A1 (Gain): 0.302929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998868 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.000498
 Predicted MQL: 0.001662

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00066	.000	1
S1	.01000	-.00017	-.010	-102.	-.00074	.000	1
S2	.31250	.31451	.002	.642	.09360	.000	1
S3	.62500	.63062	.006	.899	.18835	.001	1
S4	1.2500	1.2495	-.000	-.039	.37382	.001	1
S5	2.5000	2.5031	.003	.123	.74953	.004	1

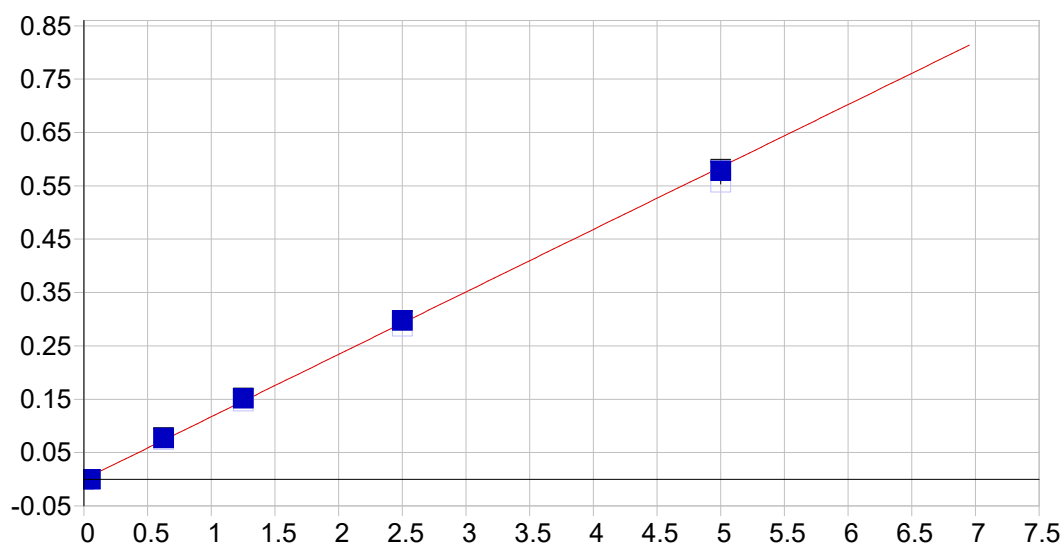


Na 818.326 { 41}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000216	Re-Slope:	1.000000
A1 (Gain):	0.005422	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000153		
Predicted MDL:	0.297338		
Predicted MQL:	0.991126		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00022	.001	1
S1	5.0000	5.0105	.010	.209	.02738	.001	1
S2	37.500	37.822	.322	.859	.20528	.001	1
S3	75.000	75.008	.008	.010	.40690	.000	1
S4	150.00	148.51	-1.49	-.993	.80541	.002	1
S5	300.00	295.76	-4.24	-1.41	1.6037	.007	1
S6	800.00	805.39	5.39	.674	4.3669	.035	1

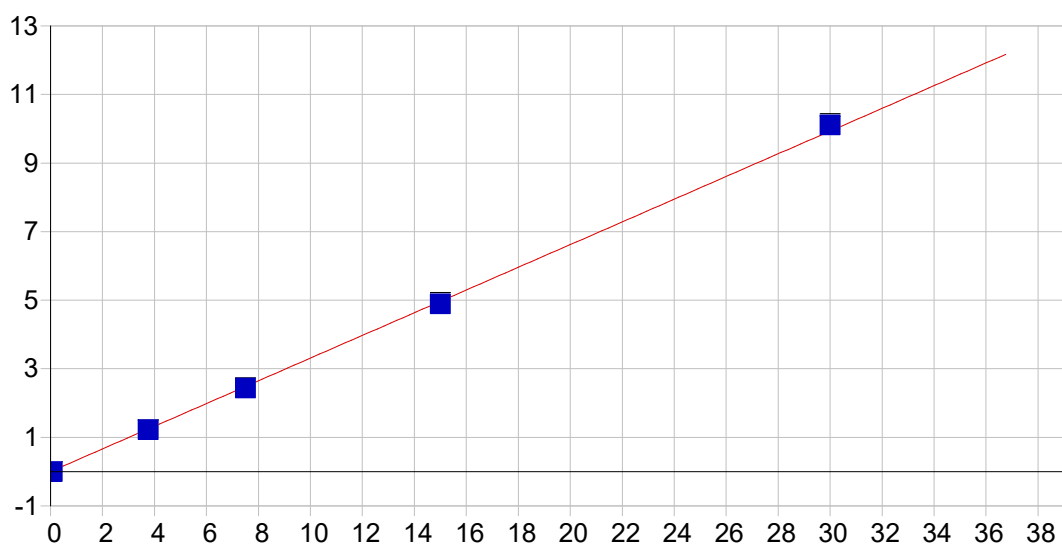


V 292.402 {115}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.117054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996941 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.003389
 Predicted MQL: 0.011295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00000	.000	1
S1	.05000	.00035	-.050	-99.3	.00003	.000	1
S2	.62500	.65689	.032	5.10	.07420	.001	1
S3	1.2500	1.2925	.042	3.40	.14590	.001	1
S4	2.5000	2.5383	.038	1.53	.28634	.000	1
S5	5.0000	4.9388	-.061	-1.22	.55657	.003	1

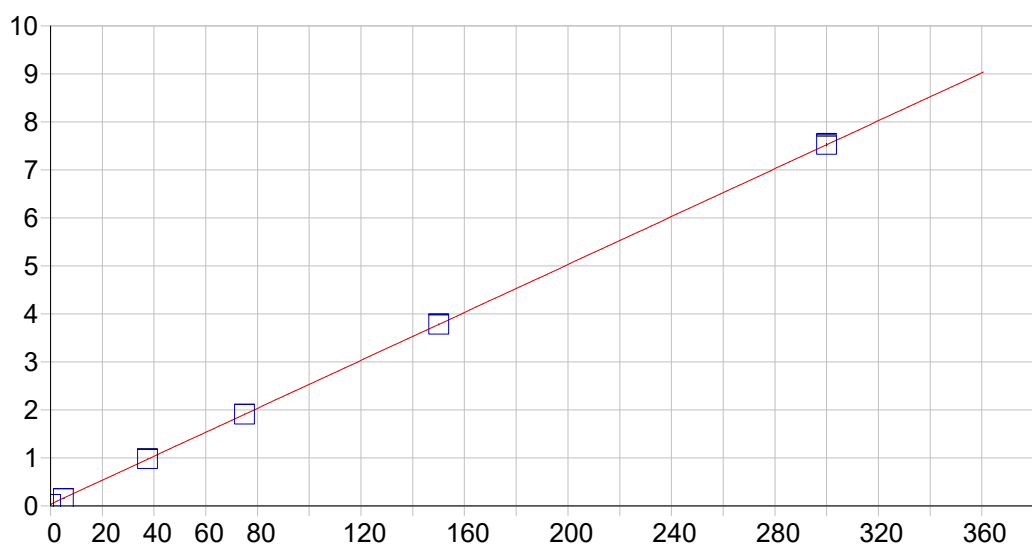


Zn 213.856 {158}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.331109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999330 Status: OK.
 Std Error of Est: 0.000863
 Predicted MDL: 0.002800
 Predicted MQL: 0.009334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00025	.001	1
S1	.06000	.00095	-.059	-98.4	.00011	.001	1
S2	3.7500	3.6753	-.075	-1.99	1.2176	.010	1
S3	7.5000	7.3433	-.157	-2.09	2.4331	.010	1
S4	15.000	14.768	-.232	-1.55	4.8934	.039	1
S5	30.000	30.523	.523	1.74	10.114	.033	1

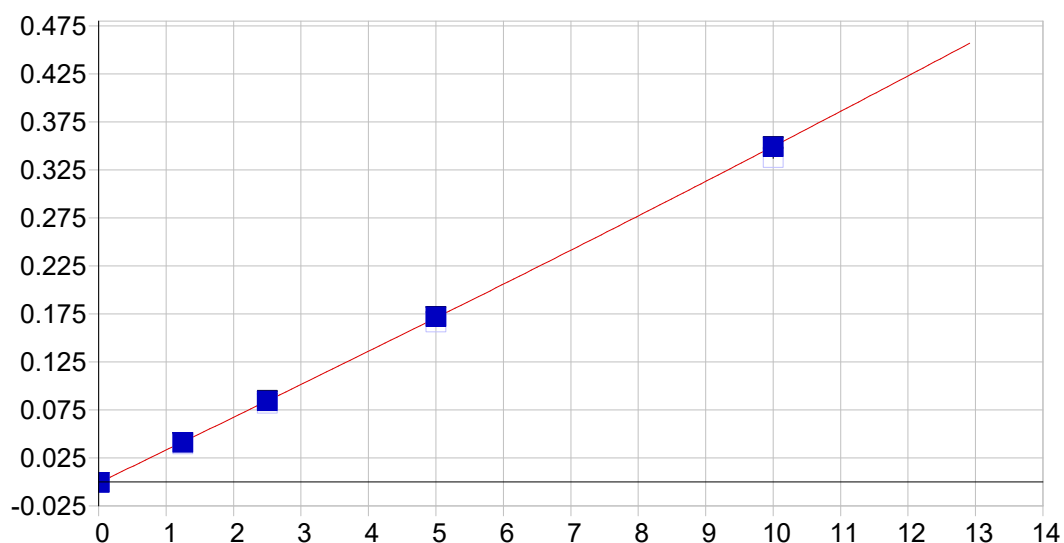


K 769.896 { 44 }

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036557 Re-Slope: 1.000000
 A1 (Gain): 0.024961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000312
 Predicted MDL: 0.064490
 Predicted MQL: 0.214968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.03656	.002	1
S1	5.0000	4.6864	-.314	-6.27	.15353	.001	1
S2	37.500	37.702	.202	.540	.97764	.004	1
S3	75.000	75.045	.045	.059	1.9097	.004	1
S4	150.00	150.04	.044	.029	3.7818	.011	1
S5	300.00	300.02	.023	.008	7.5254	.026	1

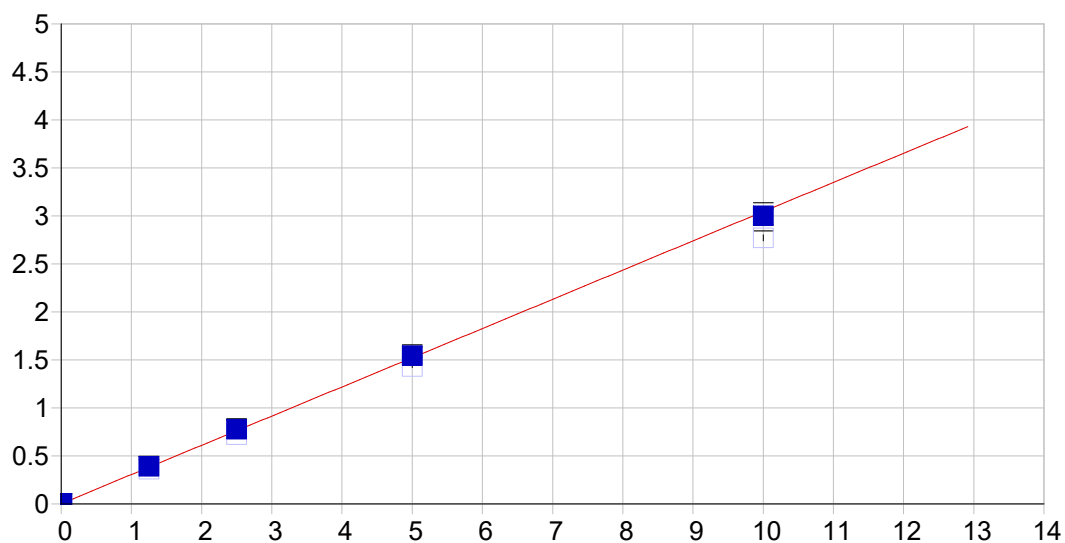


P 177.495 {490}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.001057 Re-Slope: 1.000000
 A1 (Gain): 0.034017 Y-int: 0.000000
 A2 (Curvature): 0.000188
 n (Exponent): 0.990000
 Correlation: 0.999959 Status: Warning Positive Curvature
 Std Error of Est: 0.000007
 Predicted MDL: 0.005615
 Predicted MQL: 0.018718

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00106	.000	1
S1	.01000	.01275	.003	27.5	-.00061	.000	1
S2	1.2500	1.2265	-.023	-1.88	.03946	.000	1
S3	2.5000	2.5016	.002	.062	.08161	.000	1
S4	5.0000	5.0325	.033	.650	.16639	.000	1
S5	10.000	9.9867	-.013	-.133	.33763	.001	1

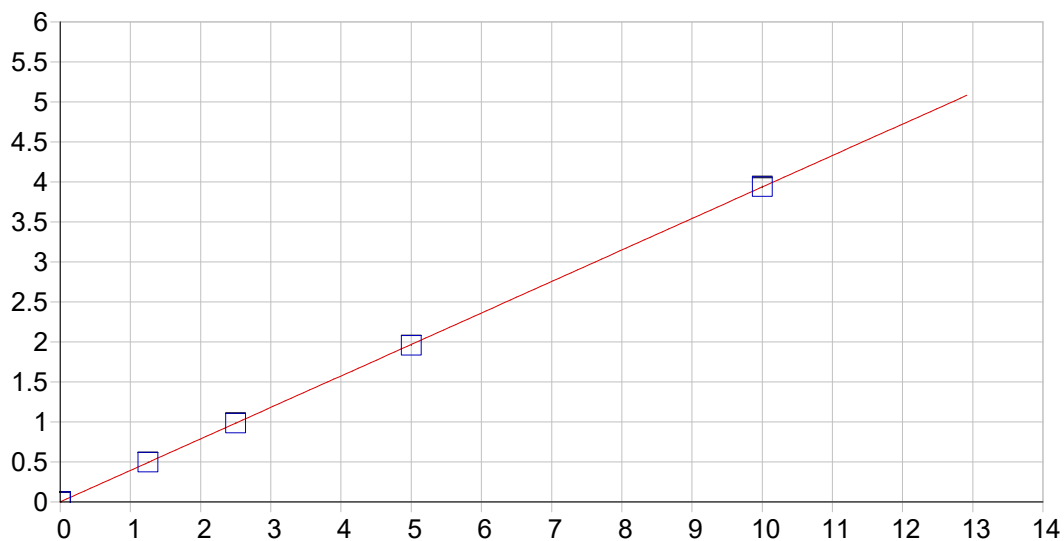


B 249.678 {135}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001937 Re-Slope: 1.000000
 A1 (Gain): 0.304201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001313
 Predicted MQL: 0.004378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00194	.000	1
S1	.01000	.00800	-.002	-20.0	.00433	.000	1
S2	1.2500	1.2720	.022	1.76	.36015	.004	1
S3	2.5000	2.5487	.049	1.95	.71980	.007	1
S4	5.0000	5.0714	.071	1.43	1.4297	.009	1
S5	10.000	9.8600	-.140	-1.40	2.7715	.031	1

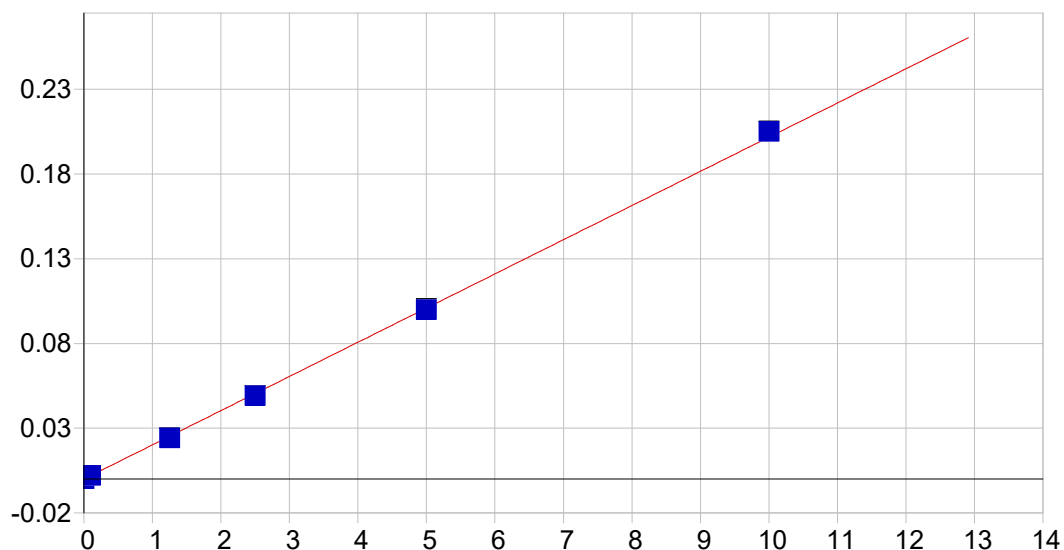


Mo 202.030 {467}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.393521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.000690
 Predicted MQL: 0.002300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.00500	.00583	.001	16.6	.00263	.000	1
S2	1.2500	1.2630	.013	1.04	.49733	.000	1
S3	2.5000	2.5035	.003	.138	.98550	.002	1
S4	5.0000	4.9745	-.025	-.509	1.9579	.003	1
S5	10.000	10.008	.008	.082	3.9388	.010	1

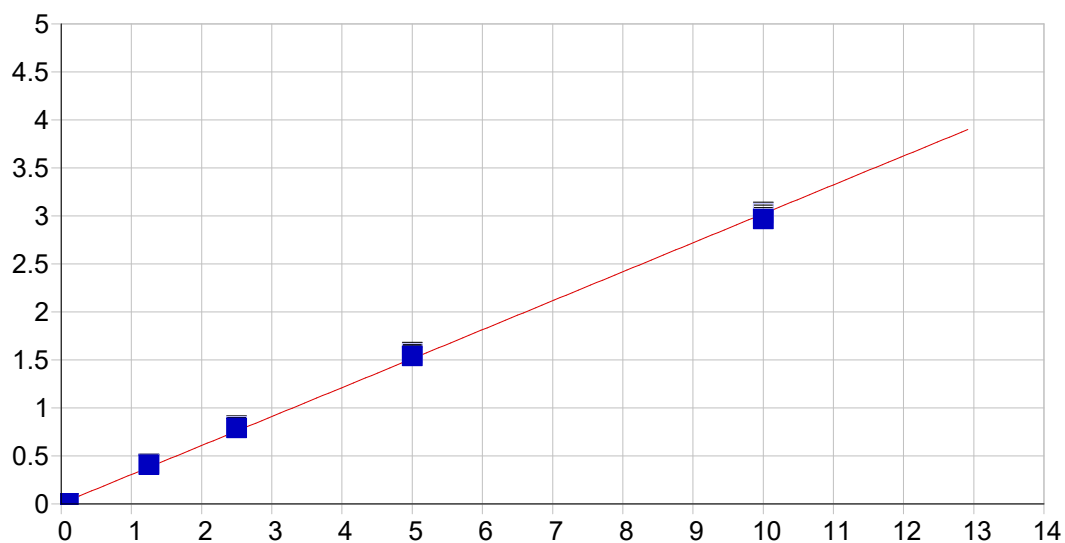


S 182.034 {485}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.020176 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.008539
 Predicted MQL: 0.028462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.10000	.10115	.001	1.15	.00204	.000	1
S2	1.2500	1.1983	-.052	-4.14	.02418	.000	1
S3	2.5000	2.4329	-.067	-2.68	.04908	.000	1
S4	5.0000	4.9513	-.049	-.975	.09988	.001	1
S5	10.000	10.166	.166	1.66	.20509	.000	1

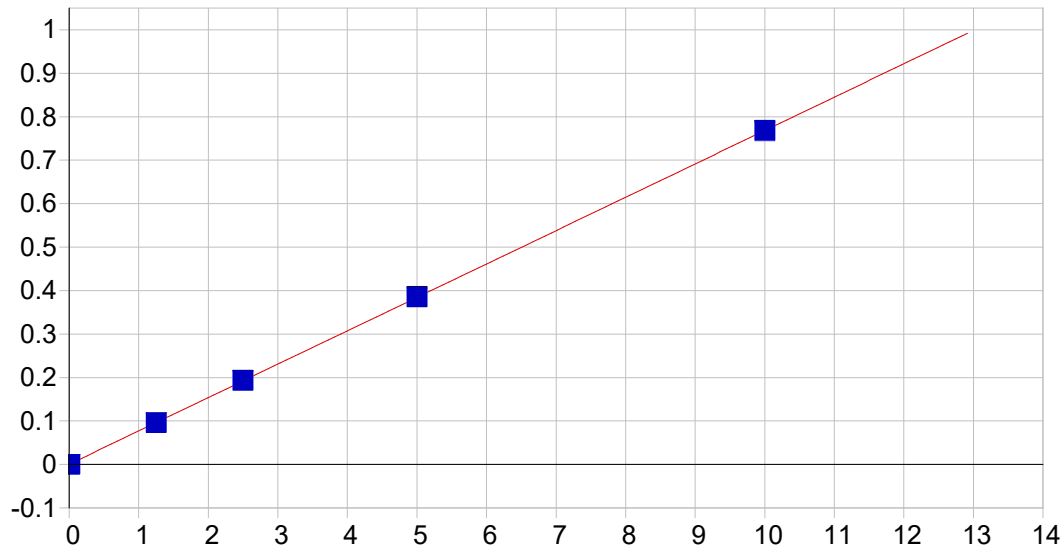


Si 251.611 {134}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004567 Re-Slope: 1.000000
 A1 (Gain): 0.301658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996968 Status: OK.
 Std Error of Est: 0.001275
 Predicted MDL: 0.001387
 Predicted MQL: 0.004624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00459	.000	1
S1	.10000	-.00177	-.102	-102.	.00435	.000	1
S2	1.2500	1.3379	.088	7.03	.41549	.002	1
S3	2.5000	2.6091	.109	4.36	.80633	.006	1
S4	5.0000	5.0849	.085	1.70	1.5679	.013	1
S5	10.000	9.8190	-.181	-1.81	3.0254	.015	1

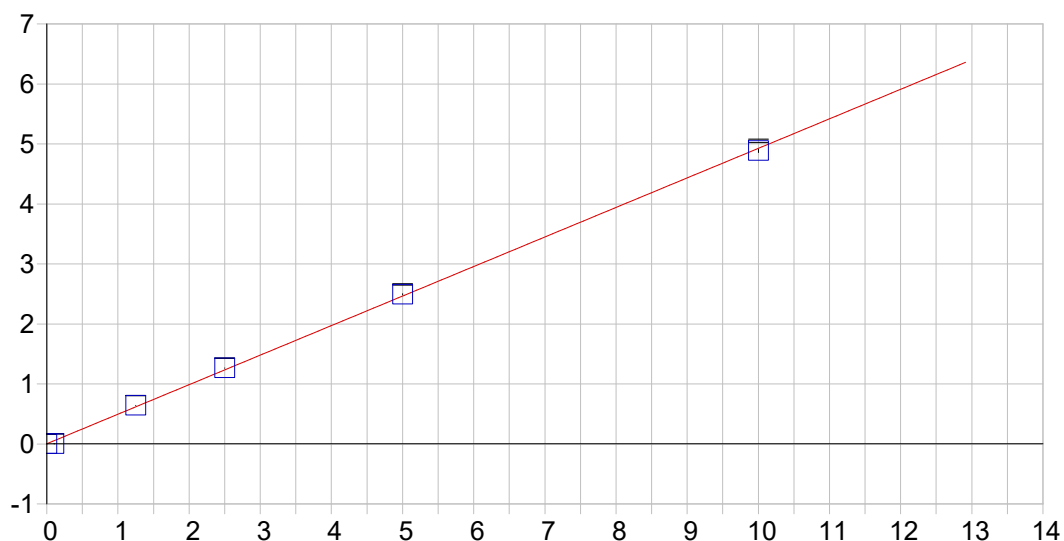


Sn 189.989 {478}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000352 Re-Slope: 1.000000
 A1 (Gain): 0.076787 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999657 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002434
 Predicted MQL: 0.008114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00035	.000	1
S1	.00700	-.00244	-.009	-135.	.00016	.000	1
S2	1.2500	1.2474	-.003	-.209	.09587	.000	1
S3	2.5000	2.5050	.005	.201	.19218	.001	1
S4	5.0000	5.0119	.012	.238	.38416	.002	1
S5	10.000	9.9951	-.005	-.049	.76576	.001	1

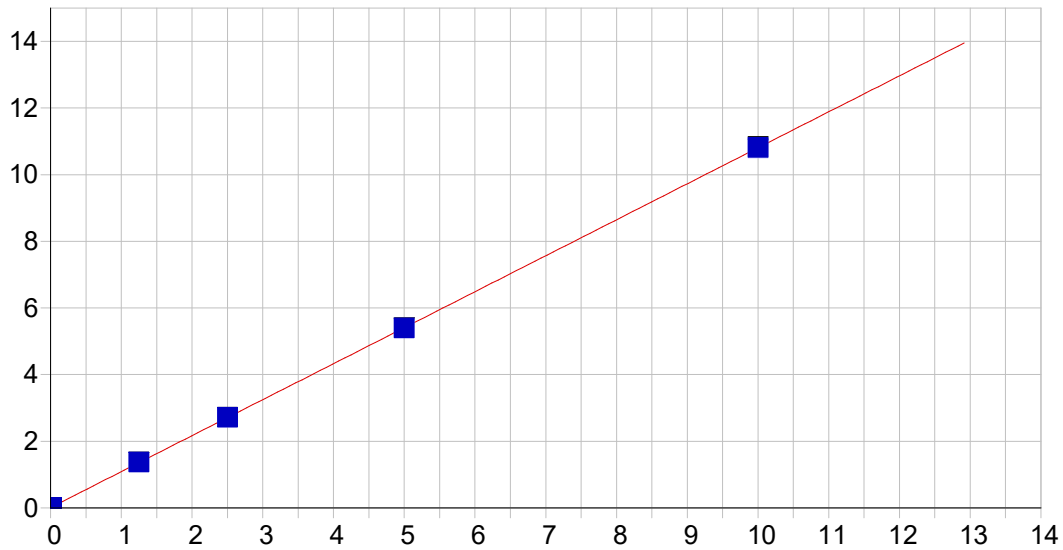


Ti 336.121 {100}

Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000367 Re-Slope: 1.000000
 A1 (Gain): 0.492588 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997241 Status: OK.
 Std Error of Est: 0.001948
 Predicted MDL: 0.001255
 Predicted MQL: 0.004183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00041	.000	1
S1	.10000	.00054	-.099	-99.5	.00063	.000	1
S2	1.2500	1.3019	.052	4.15	.64165	.002	1
S3	2.5000	2.5676	.068	2.71	1.2652	.004	1
S4	5.0000	5.0617	.062	1.23	2.4937	.011	1
S5	10.000	9.9182	-.082	-.818	4.8860	.029	1

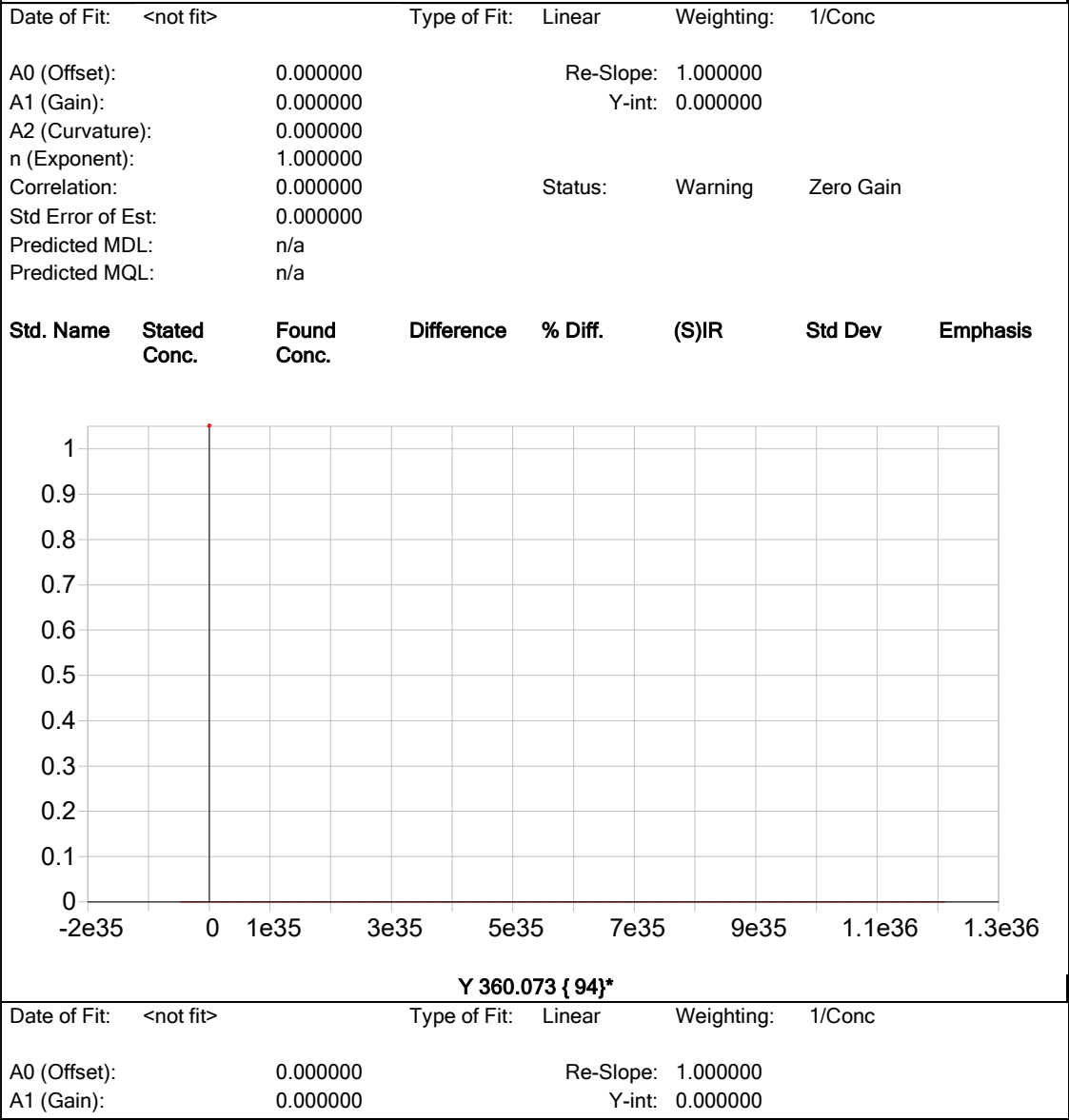
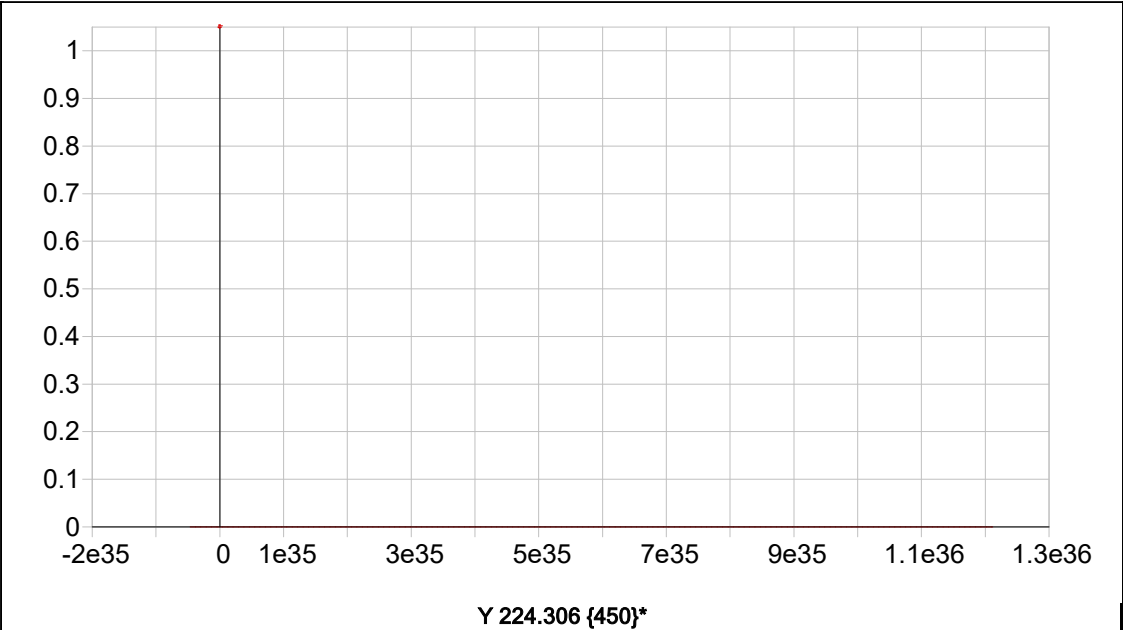


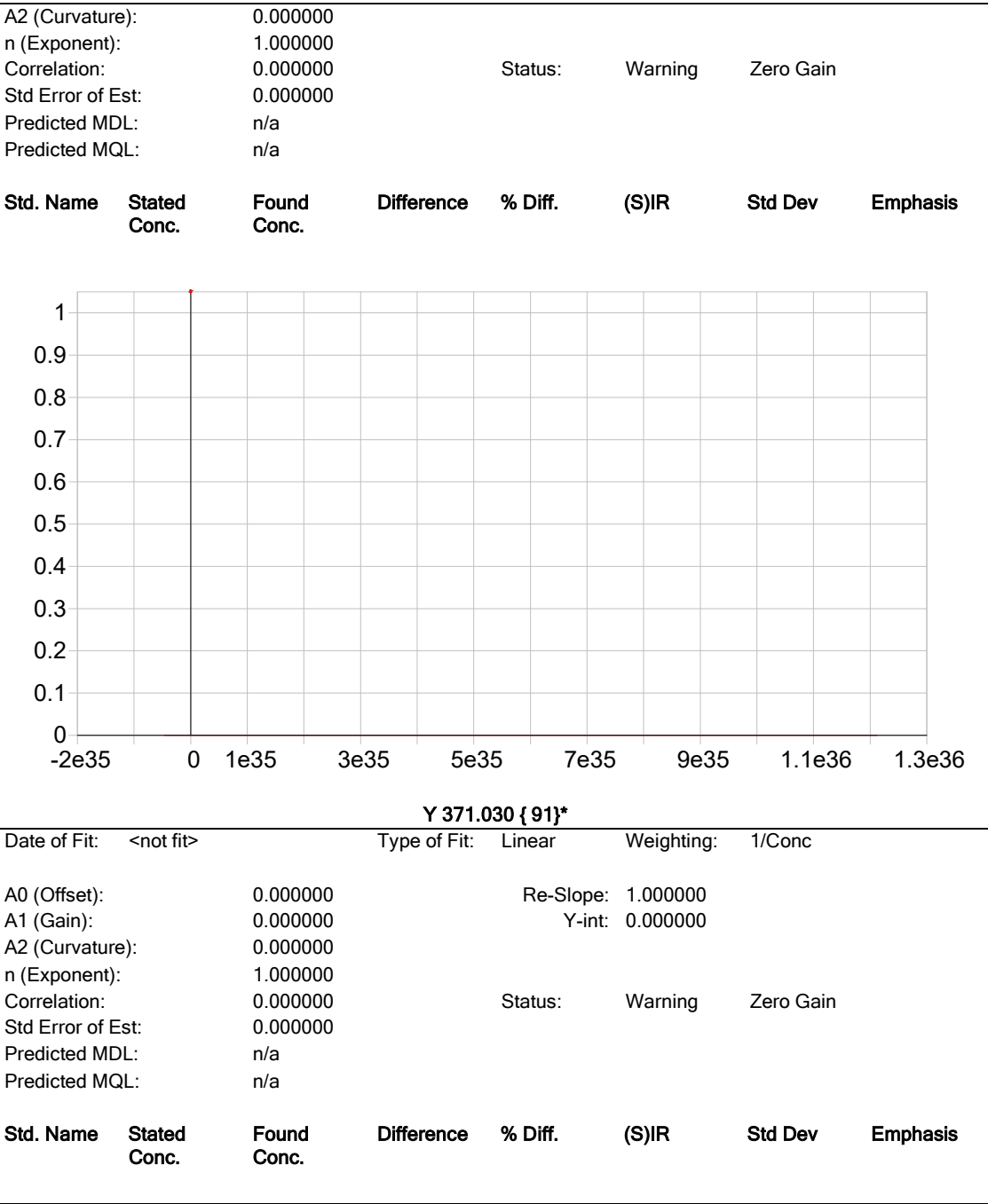
Li 670.784 { 50}

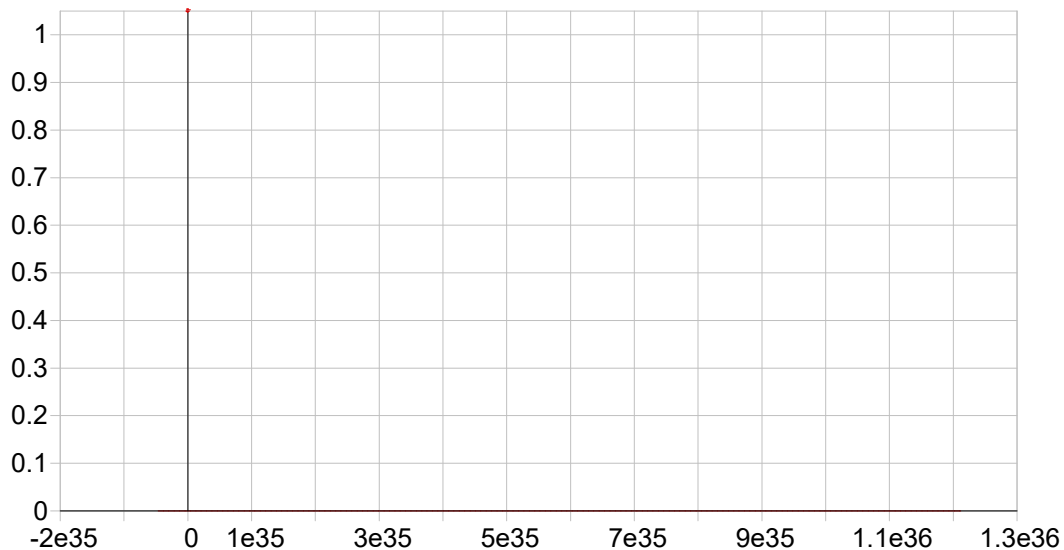
Date of Fit: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009370 Re-Slope: 1.000000
 A1 (Gain): 1.079718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589 Status: OK.
 Std Error of Est: 0.000635
 Predicted MDL: 0.001524
 Predicted MQL: 0.005079

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00939	.001	1
S5	10.000	10.003	.003	.030	10.798	.031	1
S4	5.0000	4.9932	-.007	-.136	5.3948	.020	1
S3	2.5000	2.5077	.008	.306	2.7140	.005	1
S2	1.2500	1.2612	.011	.899	1.3697	.003	1
S1	.01500	-.00012	-.015	-101.	.00915	.001	1



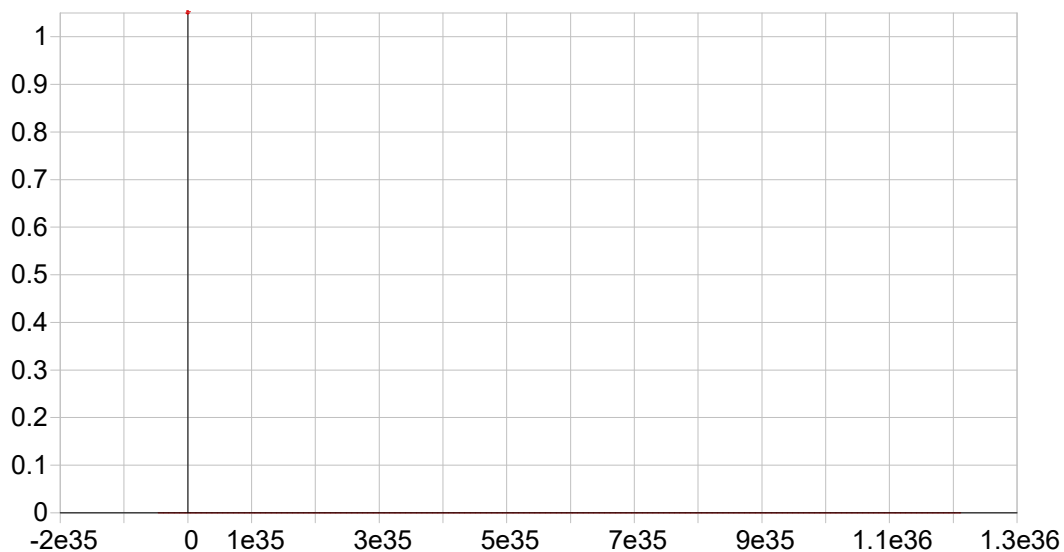




Y 224.306 {150}*

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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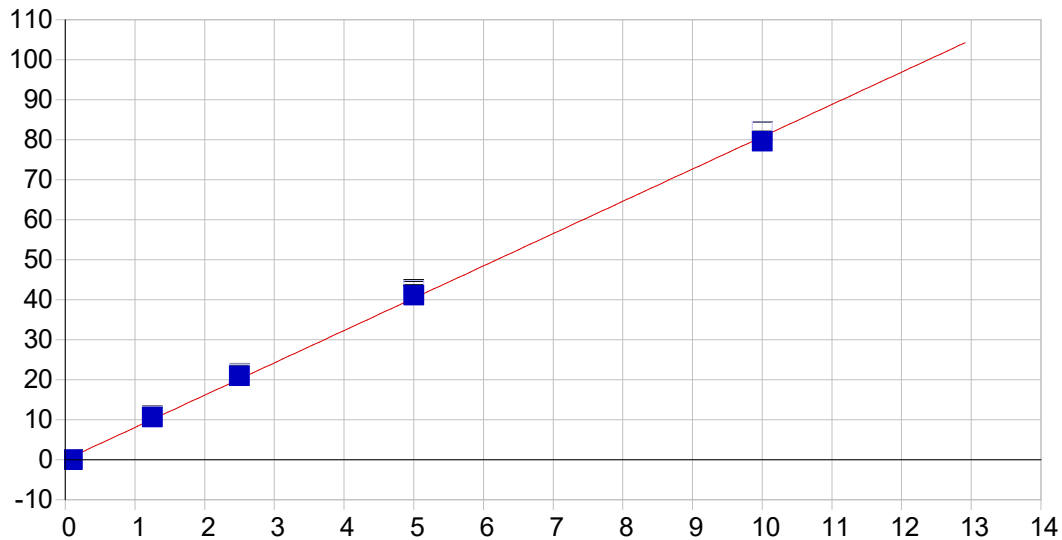
In 230.606 {446}^{*}

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: 10/16/2021 6:17:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 8.074656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997249 Status: OK.
 Std Error of Est: 0.032844
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00085	.001	1
S1	.10000	-.00005	-.100	-100.	.00049	.000	1
S2	1.2500	1.3133	.063	5.06	10.907	.043	1
S3	2.5000	2.5911	.091	3.64	21.528	.044	1
S4	5.0000	5.0890	.089	1.78	42.303	.221	1
S5	10.000	9.8539	-.146	-1.46	81.990	.075	1

Sample Name: S0 Acquired: 10/15/2021 11:03:33 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	-.00040	-.00104	.00083	.00032	.00071	.00052	.00771	-.00151
Stddev	.00011	.00023	.00027	.00015	.00021	.00027	.00312	.00009
%RSD	27.164	22.322	32.934	48.302	29.992	51.802	40.485	6.1567
#1	-.00045	-.00129	.00057	.00019	.00046	.00080	.00601	-.00145
#2	-.00027	-.00098	.00080	.00028	.00085	.00049	.00581	-.00162
#3	-.00046	-.00084	.00111	.00048	.00080	.00027	.01131	-.00147
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	.00087	.00103	-.00005	.00037	.00152	.00012	.00030	-.00031
Stddev	.00040	.00072	.00006	.00018	.00048	.00011	.00023	.00009
%RSD	46.523	70.007	122.45	48.911	31.804	90.451	75.112	29.161
#1	.00102	.00055	-.00009	.00046	.00097	.00008	.00053	-.00023
#2	.00117	.00068	.00002	.00049	.00186	.00004	.00031	-.00040
#3	.00041	.00185	-.00007	.00016	.00174	.00025	.00007	-.00029
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	-.00127	-.00066	.00022	.00000	-.00025	.03656	-.00106	.00194
Stddev	.00032	.00006	.00063	.00016	.00074	.00191	.00018	.00046
%RSD	25.053	9.2129	289.51	8652.8	296.95	5.2222	16.773	23.682
#1	-.00105	-.00067	-.00046	-.00008	-.00082	.03445	-.00091	.00173
#2	-.00164	-.00060	.00077	.00019	-.00051	.03708	-.00125	.00162
#3	-.00114	-.00072	.00034	-.00010	.00058	.03816	-.00101	.00246
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	.00033	.00000	.00459	.00035	.00041	.00939	.00085	
Stddev	.00015	.00011	.00012	.00015	.00042	.00136	.00075	
%RSD	45.163	4292.6	2.5979	41.757	100.78	14.492	88.542	
#1	.00049	.00012	.00447	.00046	.00088	.01058	.00015	
#2	.00019	-.00008	.00471	.00042	.00025	.00791	.00164	
#3	.00031	-.00004	.00460	.00018	.00010	.00967	.00075	

Sample Name: S0 Acquired: 10/15/2021 11:03:33 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	1493.1	37725.	6079.4	1030.8	1907.6
Stddev	2.2	227.	38.8	4.8	.8
%RSD	.14569	.60292	.63826	.47004	.04289
#1	1495.4	37950.	6104.1	1036.0	1906.9
#2	1491.1	37729.	6099.5	1030.0	1907.4
#3	1492.7	37495.	6034.7	1026.4	1908.5

Sample Name: S2 Acquired: 10/15/2021 11:11:48 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	.04077	.06451	1.1896	.04901	.17086	4.0077	9.6303	.34480
Stddev	.00019	.00057	.0014	.00032	.00080	.0125	.0415	.00315
%RSD	.46901	.87975	.12025	.65584	.46748	.31236	.43069	.91351

#1	.04080	.06449	1.1887	.04903	.17037	4.0161	9.6455	.34650
#2	.04095	.06395	1.1888	.04868	.17178	3.9933	9.5834	.34673
#3	.04057	.06508	1.1912	.04932	.17043	4.0137	9.6621	.34117

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	1.1796	3.9325	.53769	.49645	.89659	.84455	2.1943	.53720
Stddev	.0022	.0162	.00135	.00177	.00309	.00336	.0139	.00087
%RSD	.18543	.41062	.25200	.35594	.34511	.39818	.63231	.16178

#1	1.1779	3.9457	.53652	.49552	.90000	.84771	2.2098	.53813
#2	1.1787	3.9145	.53918	.49535	.89395	.84102	2.1830	.53641
#3	1.1821	3.9374	.53738	.49849	.89583	.84492	2.1900	.53706

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	.37312	.09360	.20528	.07420	1.2176	.97764	.03946	.36015
Stddev	.00051	.00013	.00083	.00060	.0104	.00383	.00030	.00366
%RSD	.13703	.14008	.40498	.80317	.85262	.39150	.75219	1.0151

#1	.37264	.09351	.20490	.07417	1.2136	.98170	.03923	.36419
#2	.37366	.09375	.20471	.07361	1.2099	.97410	.03935	.35921
#3	.37306	.09354	.20623	.07480	1.2294	.97712	.03979	.35706

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	.49733	.02418	.41549	.09587	.64165	1.3697	10.907
Stddev	.00046	.00001	.00246	.00013	.00232	.0032	.043
%RSD	.09168	.03210	.59322	.13654	.36154	.23452	.39399

#1	.49764	.02418	.41811	.09573	.64022	1.3692	10.939
#2	.49755	.02417	.41516	.09597	.64040	1.3668	10.858
#3	.49681	.02418	.41321	.09592	.64433	1.3731	10.924

Sample Name: S2 Acquired: 10/15/2021 11:11:48 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	1386.9	35859.	5892.6	955.35	1767.5
Stddev	2.1	193.	39.7	2.87	3.3
%RSD	.15008	.53914	.67435	.29991	.18511
#1	1384.9	35715.	5848.0	952.15	1764.8
#2	1389.0	36078.	5905.3	957.68	1771.2
#3	1386.8	35783.	5924.4	956.21	1766.7

Sample Name: S3 Acquired: 10/15/2021 11:15:42 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	.08053	.12964	2.3841	.09680	.33711	7.9138	19.120	.67249
Stddev	.00027	.00115	.0045	.00041	.00031	.0214	.078	.00526
%RSD	.33505	.88756	.18833	.42657	.09245	.27046	.40749	.78179

#1	.08084	.12876	2.3791	.09698	.33736	7.8915	19.209	.67682
#2	.08041	.13094	2.3879	.09632	.33676	7.9157	19.085	.67401
#3	.08035	.12922	2.3852	.09709	.33720	7.9342	19.065	.66664

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	2.3205	7.7207	1.0446	.98988	1.7706	1.6528	4.2694	1.0604
Stddev	.0042	.0136	.0031	.00093	.0015	.0077	.0155	.0041
%RSD	.17892	.17652	.29471	.09405	.08718	.46867	.36391	.38354

#1	2.3188	7.7361	1.0457	.98889	1.7721	1.6438	4.2868	1.0648
#2	2.3253	7.7158	1.0469	.99001	1.7706	1.6573	4.2646	1.0595
#3	2.3176	7.7102	1.0411	.99074	1.7690	1.6572	4.2568	1.0568

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	.73944	.18835	.40690	.14590	2.4331	1.9097	.08161	.71980
Stddev	.00117	.00075	.00021	.00067	.0104	.0042	.00046	.00662
%RSD	.15871	.39755	.05233	.45864	.42785	.21707	.55763	.91962

#1	.73817	.18853	.40673	.14528	2.4311	1.9145	.08108	.72227
#2	.74048	.18753	.40713	.14661	2.4239	1.9075	.08184	.72482
#3	.73968	.18900	.40683	.14581	2.4444	1.9072	.08190	.71230

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	.98550	.04908	.80633	.19218	1.2652	2.7140	21.528
Stddev	.00228	.00023	.00581	.00078	.0037	.0049	.044
%RSD	.23176	.47651	.72033	.40666	.29517	.18041	.20320

#1	.98385	.04907	.80397	.19244	1.2608	2.7150	21.574
#2	.98454	.04886	.81294	.19280	1.2672	2.7183	21.523
#3	.98810	.04932	.80207	.19131	1.2674	2.7087	21.486

Sample Name: S3 Acquired: 10/15/2021 11:15:42 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	1351.3	35528.	5888.4	934.83	1697.4
Stddev	2.5	58.	17.4	7.83	2.2
%RSD	.18836	.16353	.29514	.83720	.13139
#1	1348.6	35542.	5878.3	933.06	1695.5
#2	1353.7	35577.	5908.5	943.39	1696.8
#3	1351.5	35464.	5878.5	928.04	1699.9

Sample Name: S4 Acquired: 10/15/2021 11:19:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	.16101	.25424	4.7362	.18524	.66719	15.822	37.758	1.3185
Stddev	.00083	.00035	.0113	.00007	.00269	.045	.064	.0082
%RSD	.51699	.13944	.23935	.03894	.40365	.28436	.16876	.61900

#1	.16189	.25400	4.7238	.18523	.66752	15.811	37.790	1.3096
#2	.16024	.25407	4.7388	.18517	.66434	15.784	37.685	1.3257
#3	.16090	.25465	4.7460	.18531	.66970	15.871	37.800	1.3201

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	4.5461	15.216	2.0084	1.9725	3.4878	3.2337	8.2576	2.1010
Stddev	.0137	.040	.0072	.0067	.0114	.0159	.0235	.0081
%RSD	.30208	.26309	.35702	.33823	.32551	.49335	.28443	.38699

#1	4.5320	15.185	2.0007	1.9661	3.4883	3.2155	8.2682	2.1029
#2	4.5469	15.201	2.0149	1.9720	3.4762	3.2453	8.2307	2.0921
#3	4.5594	15.261	2.0096	1.9794	3.4989	3.2403	8.2739	2.1081

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	1.4654	.37382	.80541	.28634	4.8934	3.7818	.16639	1.4297
Stddev	.0032	.00059	.00233	.00048	.0388	.0109	.00019	.0086
%RSD	.22058	.15728	.28897	.16713	.79203	.28802	.11576	.60006

#1	1.4617	.37369	.80349	.28587	4.9119	3.7755	.16629	1.4200
#2	1.4666	.37330	.80475	.28682	4.9194	3.7755	.16626	1.4363
#3	1.4678	.37446	.80800	.28633	4.8488	3.7943	.16661	1.4328

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	1.9579	.09988	1.5679	.38416	2.4937	5.3948	42.303
Stddev	.0032	.00053	.0129	.00177	.0109	.0201	.221
%RSD	.16355	.53025	.81957	.46082	.43777	.37236	.52314

#1	1.9586	.09940	1.5531	.38405	2.4863	5.3891	42.118
#2	1.9544	.09980	1.5742	.38244	2.4886	5.3781	42.244
#3	1.9607	.10045	1.5763	.38598	2.5063	5.4171	42.548

Sample Name: S4 Acquired: 10/15/2021 11:19:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	1285.5	34944.	5804.5	892.91	1593.8
Stddev	1.5	77.	18.2	7.56	3.5
%RSD	.11859	.22066	.31287	.84716	.22098
#1	1285.3	34929.	5822.5	887.03	1597.8
#2	1287.1	34876.	5786.2	890.27	1592.6
#3	1284.1	35028.	5804.6	901.44	1591.1

Sample Name: S5 Acquired: 10/15/2021 11:23:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	.32713	.49453	9.5143	.35737	1.3502	31.751	73.671	2.5385
Stddev	.00101	.00121	.0200	.00149	.0027	.079	.871	.0205
%RSD	.30996	.24503	.20984	.41601	.20145	.24732	1.1828	.80677

#1	.32643	.49313	9.4957	.35832	1.3493	31.764	74.238	2.5149
#2	.32667	.49524	9.5119	.35566	1.3480	31.667	72.667	2.5501
#3	.32829	.49522	9.5354	.35814	1.3533	31.823	74.107	2.5506

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	8.9218	29.755	3.8538	3.9430	6.8679	6.2840	15.973	4.1634
Stddev	.0095	.151	.0139	.0076	.0232	.0345	.060	.0107
%RSD	.10668	.50755	.36000	.19147	.33737	.54881	.37744	.25627

#1	8.9131	29.722	3.8632	3.9377	6.8755	6.2839	16.007	4.1741
#2	8.9319	29.623	3.8604	3.9516	6.8419	6.2496	15.904	4.1528
#3	8.9202	29.919	3.8379	3.9396	6.8864	6.3186	16.009	4.1634

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	2.8915	.74953	1.6037	.55657	10.114	7.5254	.33763	2.7715
Stddev	.0045	.00436	.0067	.00280	.033	.0264	.00062	.0309
%RSD	.15523	.58215	.41545	.50319	.33104	.35032	.18384	1.1146

#1	2.8899	.75426	1.6023	.55852	10.114	7.5542	.33699	2.7359
#2	2.8966	.74566	1.5979	.55336	10.080	7.5026	.33767	2.7909
#3	2.8880	.74867	1.6110	.55782	10.147	7.5193	.33823	2.7877

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	3.9388	.20509	3.0254	.76576	4.8860	10.798	81.990	
Stddev	.0101	.00021	.0153	.00117	.0289	.031	.075	
%RSD	.25516	.10075	.50644	.15238	.59048	.28561	.09125	

#1	3.9411	.20488	3.0077	.76465	4.8766	10.793	81.939	
#2	3.9278	.20530	3.0352	.76565	4.8630	10.770	81.954	
#3	3.9474	.20509	3.0331	.76697	4.9183	10.831	82.075	

Sample Name: S5 Acquired: 10/15/2021 11:23:36 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	1189.9	34171.	5782.8	828.95	1468.9
Stddev	2.7	103.	13.9	.73	.7
%RSD	.22656	.30274	.24120	.08792	.05083
#1	1187.7	34206.	5780.5	828.51	1469.0
#2	1192.9	34055.	5797.8	828.54	1468.1
#3	1189.1	34253.	5770.2	829.79	1469.5

Sample Name: S6 Acquired: 10/15/2021 11:27:44 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) 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	84.030	47.146	16.905	6.7689	4.3669
Stddev	.937	.104	.202	.0328	.0350
%RSD	1.1146	.22142	1.1926	.48425	.80070

#1	84.412	47.057	17.088	6.7437	4.3989
#2	82.963	47.261	16.689	6.8059	4.3296
#3	84.715	47.119	16.939	6.7570	4.3723

Int. Std.	Y_3710
Units	Cts/S
Avg	5591.6
Stddev	22.2
%RSD	.39720

#1	5601.4
#2	5607.2
#3	5566.1

Sample Name: ICV001 Acquired: 10/15/2021 11:53:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024314	1.025981	.9968872	1.096356	.9379681	2.455495
Stddev	.010605	.004867	.0049315	.011194	.0035226	.019569
%RSD	1.035369	.4743541	.4946894	1.021030	.3755611	.7969543

#1	1.023459	1.020440	.9919557	1.088866	.9342720	2.437188
#2	1.035321	1.027944	.9968873	1.090979	.9383454	2.476120
#3	1.014162	1.029561	1.001819	1.109224	.9412869	2.453178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5175620	.5469042	.5152220	10.09715	.5515624	.5173540
Stddev	.0027757	.0064425	.0006629	.01815	.0003554	.0017010
%RSD	.5362983	1.177995	.1286669	.1798011	.0644408	.3287872

#1	.5199871	.5398084	.5144609	10.11760	.5516930	.5170198
#2	.5181643	.5485172	.5155317	10.09093	.5518340	.5158449
#3	.5145347	.5523869	.5156734	10.08293	.5511601	.5191973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260997	10.84004	.5206545	5.404698	.5174079	.2419680
Stddev	.0031695	.13543	.0035565	.055792	.0017342	.0002099
%RSD	.6024451	1.249343	.6830813	1.032280	.3351618	.0867264

#1	.5229590	10.69031	.5172375	5.359947	.5176516	.2418633
#2	.5260430	10.95397	.5203903	5.467207	.5155648	.2422096
#3	.5292972	10.87584	.5243357	5.386940	.5190074	.2418312

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.636254	.5419789	.9801605	9.600067	4.939191	5.172678
Stddev	.222584	.0045684	.0042356	.088261	.022781	.061217
%RSD	2.309865	.8429073	.4321383	.9193784	.4612382	1.183470

#1	9.892462	.5377471	.9808087	9.520113	4.934798	5.102665
#2	9.525819	.5413673	.9840347	9.585312	4.918926	5.199249
#3	9.490482	.5468222	.9756381	9.694775	4.963849	5.216121

Sample Name: ICV001 Acquired: 10/15/2021 11:53:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.748912	4.974473	4.642620	4.540457	5.185115	F .0017025
Stddev	.003985	.016019	.061805	.012498	.033906	.0011561
%RSD	.0839203	.3220195	1.331259	.2752566	.6539127	67.90645
#1	4.750798	4.957473	4.574839	4.533732	5.156641	.0016712
#2	4.744334	4.989285	4.657165	4.532762	5.222623	.0005624
#3	4.751605	4.976661	4.695856	4.554878	5.176082	.0028740

Elem	Sr4077
Units	ppm
Avg	F -.009285
Stddev	.000162
%RSD	1.741079
#1	-.009141
#2	-.009460
#3	-.009254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.929	36385.04	6002.826	966.2376	1844.523
Stddev	4.767	278.83	30.459	7.7862	3.248
%RSD	.3357003	.7663205	.5074127	.8058304	.1761024
#1	1417.294	36081.98	6035.459	957.3394	1843.640
#2	1417.061	36630.70	5997.868	969.5722	1841.808
#3	1425.431	36442.44	5975.150	971.8013	1848.122

Sample Name: ICB001 Acquired: 10/15/2021 11:57:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029602	-.000621	-.000799	.0021797	.0000280	.0070097	-.002817
Stddev	.0080514	.002311	.002016	.0051007	.0013869	.0053179	.001032
%RSD	271.9858	372.3543	252.2161	234.0085	4946.650	75.86514	36.63548

#1	.0054053	.002000	.000434	-.001591	.0013968	.0130973	-.003878
#2	-.006030	-.002363	.000294	.000147	-.001376	.0046627	-.002758
#3	.009506	-.001499	-.003126	.007983	.000064	.0032690	-.001816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000149	-.000342	-.002647	.0000786	-.000565	-.000197	-.004662
Stddev	.000011	.000042	.011906	.0005919	.000122	.000731	.004628
%RSD	7.606552	12.14764	449.7972	752.8004	21.53599	371.0006	99.28876

#1	-.000146	-.000389	-.015888	.0005640	-.000551	-.000927	-.009790
#2	-.000141	-.000311	.007178	.0002527	-.000693	-.000198	-.003399
#3	-.000162	-.000326	.000769	-.000581	-.000451	.000535	-.000795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0228042	-.000687	.0001170	-.258557	-.001926	-.001459
Stddev	.000498	.0306167	.000241	.0003248	.304698	.004044	.002367
%RSD	2999.018	134.2593	35.16010	277.5974	117.8455	209.9852	162.2967

#1	-.000469	.0572550	-.000957	.0004784	-.090062	-.004053	.000349
#2	.000516	-.001294	-.000493	-.000150	-.075321	.002738	-.004138
#3	-.000097	.012452	-.000609	.000023	-.610289	-.004462	-.000586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032047	.0038402	.0034496	.0007464	.0078382	-.000602	-.000878
Stddev	.050674	.0035975	.0006560	.0002898	.0015333	.001615	.002541
%RSD	158.1265	93.67942	19.01755	38.82263	19.56264	268.2272	289.2900

#1	-.070220	.0032830	.0031360	.0005276	.0061409	.000945	-.001362
#2	-.051365	.0076838	.0030091	.0010750	.0091234	-.002278	.001870
#3	.025445	.0005538	.0042035	.0006366	.0082503	-.000474	-.003142

Sample Name: ICB001 Acquired: 10/15/2021 11:57:35 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007570	.0002271	-.000012
Stddev	.0014529	.0006378	.000077
%RSD	191.9421	280.8658	632.2517

#1	.0022196	.0006541	.000072
#2	-.000686	.0005331	-.000032
#3	.000737	-.000506	-.000077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.246	36023.60	5977.487	971.4506	1835.780
Stddev	2.046	123.88	39.726	3.7120	2.256
%RSD	.1449943	.3438970	.6646018	.3821102	.1229088

#1	1409.905	35973.60	5956.175	968.8023	1834.049
#2	1413.602	36164.67	5952.964	975.6935	1838.332
#3	1410.232	35932.52	6023.322	969.8560	1834.959

Sample Name: ICSA001 Acquired: 10/15/2021 12:01:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002046	-.009479	.0021125	.0049520	.0102733	254.2600	.0032447
Stddev	.003006	.002053	.0016048	.0009767	.0015632	.8390	.0008503
%RSD	146.9632	21.66094	75.96895	19.72332	15.21576	.3299772	26.20703

#1	-.005097	-.008750	.0018871	.0049209	.0120141	253.3048	.0040698
#2	-.001953	-.007890	.0006323	.0039912	.0098162	254.8776	.0032931
#3	.000914	-.011798	.0038181	.0059439	.0089897	254.5977	.0023712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011386	.0007035	250.7350	.0589652	-.001229	.0058311	105.5597
Stddev	.0001476	.0001533	.2286	.0006497	.000329	.0011114	.5869
%RSD	12.96173	21.78999	.0911789	1.101872	26.75677	19.05978	.5560096

#1	.0010658	.0006059	250.9307	.0585159	-.001503	.0046037	104.9075
#2	.0013085	.0008802	250.7905	.0586696	-.001318	.0067694	105.7260
#3	.0010416	.0006243	250.4837	.0597102	-.000864	.0061201	106.0454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144533	242.7535	-.002036	.0021511	-.010681	.0030664	.0125196
Stddev	.0006044	.1630	.000177	.0005660	.251861	.0052905	.0027070
%RSD	4.181674	.0671413	8.708516	26.31287	2358.038	172.5306	21.62198

#1	.0151060	242.9147	-.001871	.0026435	-.294174	-.000077	.0154184
#2	.0143412	242.5888	-.002223	.0015327	.074872	.000101	.0100576
#3	.0139129	242.7570	-.002015	.0022770	.187259	.009174	.0120827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.236336	.0078383	.0067998	.0011021	.0065388	.0044115	-.000270
Stddev	.045052	.0006425	.0044645	.0008453	.0033913	.0004510	.002120
%RSD	19.06288	8.196610	65.65520	76.70056	51.86444	10.22396	784.0171

#1	-.185317	.0085366	.0095439	.0019850	.0038692	.0038930	-.002594
#2	-.270649	.0072723	.0092073	.0010210	.0103547	.0046280	.001559
#3	-.253041	.0077059	.0016484	.0003002	.0053926	.0047135	.000224

Sample Name: ICSA001 Acquired: 10/15/2021 12:01:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001997	.0059255	.0047045
Stddev	.000864	.0013089	.0007011
%RSD	43.27373	22.08875	14.90227

#1	-.002136	.0048372	.0054879
#2	-.002783	.0073778	.0044895
#3	-.001072	.0055614	.0041362

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.454	35173.65	5942.732	929.8507	1677.091
Stddev	1.965	200.98	23.600	14.9322	1.826
%RSD	.1463463	.5713969	.3971196	1.605866	.1088902

#1	1340.231	34998.38	5948.519	915.1358	1678.206
#2	1343.174	35129.56	5962.900	929.4253	1678.083
#3	1343.958	35393.02	5916.778	944.9910	1674.983

Sample Name: ICSAB001 Acquired: 10/15/2021 12:05:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992399	.0945354	.0520863	.0570694	.5948616	251.0667	.5012487
Stddev	.0067079	.0033323	.0032101	.0013925	.0002922	.3537	.0009783
%RSD	6.759255	3.524901	6.163028	2.439983	.0491116	.1408763	.1951763

#1	.0932307	.0945334	.0553489	.0556041	.5950593	250.6583	.5023269
#2	.0980120	.0912041	.0489314	.0572287	.5945260	251.2717	.5010014
#3	.1064768	.0978686	.0519787	.0583754	.5949994	251.2702	.5004178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5261894	.9665449	246.5770	.5710289	.4903528	.4971990	104.0239
Stddev	.0042092	.0019536	.3162	.0005106	.0011251	.0010253	.5319
%RSD	.7999344	.2021197	.1282348	.0894177	.2294509	.2062190	.5113393

#1	.5216521	.9660933	246.2171	.5706905	.4910300	.4966487	103.7162
#2	.5299670	.9648567	246.8102	.5707801	.4890540	.4983820	104.6381
#3	.5269492	.9686847	246.7036	.5716163	.4909744	.4965664	103.7173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997533	238.7959	.9689104	.2012513	.0944539	.5138643	.9832806
Stddev	.0013568	1.2794	.0010426	.0013215	.1725615	.0009758	.0199649
%RSD	.2714975	.5357825	.1076081	.6566196	182.6939	.1898866	2.030440

#1	.4992505	238.3117	.9690355	.2020488	.1224138	.5138749	1.003987
#2	.4987197	237.8293	.9678109	.2019791	.2513281	.5148347	.981705
#3	.5012898	240.2468	.9698849	.1997259	-.090380	.5128833	.964150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.368327	.0004901	.0045491	.0009058	.0150008	.0028487	-.000835
Stddev	.030343	.0042251	.0018133	.0012094	.0129651	.0011219	.001440
%RSD	8.238002	862.1535	39.85991	133.5202	86.42937	39.38259	172.4478

#1	-.345848	-.004383	.0066011	-.000434	.0161230	.0041354	-.000632
#2	-.402841	.003121	.0038838	.001917	.0273684	.0020750	.000493
#3	-.356293	.002732	.0031625	.001234	.0015111	.0023358	-.002366

Sample Name: ICSAB001 Acquired: 10/15/2021 12:05:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002678	.0051233	.0048960
Stddev	.000852	.0011257	.0004942
%RSD	31.82059	21.97303	10.09345

#1	-.002853	.0038938	.0049711
#2	-.003430	.0053726	.0043686
#3	-.001753	.0061035	.0053484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.742	34797.09	5885.136	924.2035	1672.588
Stddev	1.627	75.26	31.892	5.6858	3.307
%RSD	.1219211	.2162760	.5419013	.6152112	.1977318

#1	1336.400	34789.04	5914.187	918.4642	1675.446
#2	1334.681	34876.05	5851.012	924.3122	1673.353
#3	1333.147	34726.18	5890.210	929.8342	1668.966

Sample Name: CCV054 Acquired: 10/15/2021 12:09:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.782102	4.721706	24.34530	4.725597	4.821161	410.0400	9.836046
Stddev	.016936	.028496	.07499	.014055	.009757	.3064	.041108
%RSD	.3541476	.6035176	.3080461	.2974277	.2023845	.0747241	.4179295

#1	4.784376	4.736607	24.29779	4.723371	4.809928	410.1452	9.814357
#2	4.764145	4.688849	24.30637	4.712787	4.826024	409.6948	9.883456
#3	4.797786	4.739662	24.43176	4.740632	4.827531	410.2799	9.810325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4999822	2.384125	398.8829	14.81845	2.462176	14.95076	432.2132
Stddev	.0013928	.005746	1.9063	.02114	.002876	.00231	1.3960
%RSD	.2785743	.2409935	.4779191	.1426900	.1167906	.0154313	.3229864

#1	.4987266	2.383115	397.0029	14.84102	2.459057	14.94900	433.0837
#2	.4997395	2.378951	400.8145	14.79910	2.462748	14.95337	430.6030
#3	.5014804	2.390309	398.8314	14.81523	2.464722	14.94991	432.9529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37539	391.7842	2.388964	1.245414	417.1327	2.482551	15.17143
Stddev	.04269	1.0717	.003377	.006068	.4550	.011475	.12977
%RSD	.2969888	.2735390	.1413687	.4872317	.1090787	.4622305	.8553789

#1	14.32624	390.5714	2.385946	1.251956	416.6074	2.475775	15.16441
#2	14.40317	392.1772	2.388334	1.244314	417.3893	2.476078	15.30457
#3	14.39678	392.6038	2.392612	1.239971	417.4014	2.495800	15.04531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7952	4.882841	5.055905	4.813630	4.848837	4.939006	4.780303
Stddev	.2317	.023087	.021403	.006160	.033007	.020052	.002727
%RSD	.1526070	.4728141	.4233292	.1279604	.6807280	.4059838	.0570535

#1	151.7770	4.862608	5.036108	4.811413	4.813290	4.916177	4.780622
#2	151.5732	4.877925	5.052992	4.808886	4.854701	4.947075	4.777430
#3	152.0354	4.907990	5.078616	4.820591	4.878519	4.953766	4.782857

Sample Name: CCV054 Acquired: 10/15/2021 12:09:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.061253	5.023355	4.773690
Stddev	.014141	.019484	.036654
%RSD	.2793890	.3878738	.7678278

#1	5.044932	5.012352	4.802352
#2	5.068992	5.045852	4.732389
#3	5.069835	5.011862	4.786328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.598	33780.27	5753.314	848.1337	1497.367
Stddev	.356	136.73	10.640	6.8645	2.633
%RSD	.0289278	.4047582	.1849407	.8093632	.1758099

#1	1231.246	33624.97	5763.039	846.5521	1496.474
#2	1231.587	33882.51	5754.954	842.1981	1500.330
#3	1231.959	33833.34	5741.949	855.6510	1495.297

Sample Name: CCB054 Acquired: 10/15/2021 12:13:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017027	-.002065	-.002284	.0052546	.0002108	.0252174	-.001988
Stddev	.0067999	.002461	.000503	.0044691	.0023943	.0112456	.000086
%RSD	399.3676	119.1529	22.01756	85.05222	1135.791	44.59472	4.341140

#1	.0019067	-.000519	-.002626	.0101613	.0025242	.0350540	-.001890
#2	-.005197	-.000774	-.001707	.0041855	-.002257	.0276406	-.002020
#3	.008398	-.004903	-.002520	.0014169	.000365	.0129577	-.002054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000238	-.000217	.0483236	.0012014	-.000330	.0018152	.0340525
Stddev	.000037	.000066	.0026092	.0003408	.000289	.0027417	.0126529
%RSD	15.71319	30.32369	5.399430	28.36694	87.30845	151.0460	37.15694

#1	-.000231	-.000143	.0456067	.0015764	-.000510	.0049748	.0486120
#2	-.000205	-.000268	.0485543	.0009106	.000002	.0000634	.0278261
#3	-.000278	-.000241	.0508098	.0011173	-.000483	.0004072	.0257193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010435	.0278237	.0000766	.0001163	-.149144	-.003844	.0020971
Stddev	.0003444	.0386058	.0004473	.0002365	.131234	.001898	.0012919
%RSD	33.00767	138.7514	584.2922	203.3433	87.99142	49.38243	61.60367

#1	.0007800	.0706490	-.000351	.0002038	-.118841	-.005999	.0012747
#2	.0014332	-.004308	.000040	.0002966	-.292878	-.003115	.0035861
#3	.0009172	.017130	.000541	-.000151	-.035712	-.002419	.0014304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026069	.0036735	.0088731	.0007061	.0041119	-.001620	-.002003
Stddev	.086152	.0011356	.0005955	.0004911	.0042688	.000673	.002711
%RSD	330.4800	30.91329	6.711031	69.55307	103.8158	41.56426	135.3150

#1	-.063121	.0049840	.0093624	.0004248	.0089868	-.001753	-.003888
#2	.072411	.0030556	.0090469	.0012732	.0010423	-.002217	-.003225
#3	-.087496	.0029808	.0082101	.0004203	.0023067	-.000890	.001103

Sample Name: CCB054 Acquired: 10/15/2021 12:13:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000228	.0006701	.0003777
Stddev	.0014652	.0009414	.0000430
%RSD	6425.070	140.4910	11.37169

#1	.0017048	-.000413	.0004162
#2	-.000976	.001287	.0003855
#3	-.000660	.001137	.0003314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.136	36338.01	5947.940	978.3390	1838.539
Stddev	3.660	114.13	3.403	5.0689	6.654
%RSD	.2586109	.3140757	.0572063	.5181169	.3619388

#1	1413.528	36376.89	5944.013	982.5428	1836.372
#2	1419.324	36427.61	5949.787	979.7641	1846.007
#3	1412.555	36209.52	5950.020	972.7100	1833.239

Sample Name: PB139903BL Acquired: 10/15/2021 12:18:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: PBW903 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000494	-.001021	.0007838	.0003430	.0008894	.0002288	-.003690
Stddev	.000243	.000112	.0003484	.0001689	.0002709	.0007868	.001416
%RSD	49.23139	10.99942	44.44524	49.25338	30.45304	343.8896	38.38204
#1	-.000755	-.000951	.0005801	.0002420	.0009523	.0006921	-.005055
#2	-.000274	-.001150	.0011861	.0002490	.0011232	-.000680	-.003786
#3	-.000452	-.000961	.0005853	.0005381	.0005926	.000674	-.002228
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.002243	.0005465	.0006176	-.000057	.0002519	.0017395	.0001795
Stddev	.000304	.0001520	.0006219	.000042	.0003743	.0002202	.0000343
%RSD	13.55154	27.81800	100.6923	74.15231	148.6090	12.66070	19.11745
#1	-.002368	.0006820	.0003316	-.000051	.0003572	.0019890	.0001614
#2	-.002464	.0003821	.0001902	-.000102	-.000164	.0016571	.0002191
#3	-.001896	.0005754	.0013310	-.000018	.000562	.0015723	.0001581
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005612	-.000438	-.001507	-.000566	-.001772	-.000507	-.001277
Stddev	.0001142	.000115	.000051	.000109	.000340	.000535	.000786
%RSD	20.35157	26.26056	3.398012	19.17037	19.21072	105.4304	61.53411
#1	.0005089	-.000548	-.001460	-.000691	-.002023	-.000154	-.002064
#2	.0006922	-.000446	-.001562	-.000504	-.001908	-.000245	-.001277
#3	.0004825	-.000319	-.001499	-.000503	-.001385	-.001123	-.000492
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0357583	-.000932	.0029394	.0004666	.0001708	.0038741	.0001749
Stddev	.0001708	.000073	.0002270	.0001731	.0001361	.0004044	.0001810
%RSD	.4777040	7.787880	7.723689	37.09625	79.69629	10.43945	103.5169
#1	.0356121	-.000887	.0026887	.0006397	.0002034	.0037684	.0003164
#2	.0359461	-.000894	.0031311	.0004664	.0000214	.0035330	.0002373
#3	.0357168	-.001016	.0029984	.0002936	.0002877	.0043209	-.000029

Sample Name: PB139903BL Acquired: 10/15/2021 12:18:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: PBW903 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0001548	.0098340	.0009675
Stddev	.0004539	.0003932	.0005196
%RSD	293.1507	3.998692	53.70063

#1	.0006658	.0099744	.0014019
#2	-.000201	.0101377	.0011087
#3	.000000	.0093898	.0003920

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.331	36014.95	5954.817	960.8217	1830.627
Stddev	2.868	140.85	57.840	4.8010	1.526
%RSD	.2036688	.3910801	.9713137	.4996745	.0833673

#1	1406.879	35882.13	5894.908	956.9888	1828.896
#2	1406.479	36162.64	5959.205	959.2696	1831.206
#3	1411.635	36000.07	6010.338	966.2068	1831.779

Sample Name: PB139903BS Acquired: 10/15/2021 12:23:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: LCS903 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003367	.0015099	.0045727	.0032344	.0161576	.0437239	1.429507
Stddev	.0000874	.0001463	.0001763	.0001323	.0003987	.0010805	.002475
%RSD	25.94513	9.685834	3.855890	4.091835	2.467419	2.471183	.1731455
#1	.0003697	.0016785	.0045952	.0030841	.0158708	.0445713	1.431468
#2	.0004029	.0014344	.0047367	.0033336	.0159891	.0440932	1.426726
#3	.0002377	.0014170	.0043862	.0032854	.0166128	.0425072	1.430326
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0289220	.0196695	.5809846	.0028536	.0758952	.0128258	.0047916
Stddev	.0001478	.0001520	.0026510	.0000570	.0005170	.0003458	.0001567
%RSD	.5108649	.7729356	.4562918	1.998471	.6811702	2.696301	3.270139
#1	.0290892	.0197041	.5834923	.0029178	.0763410	.0130955	.0049684
#2	.0288678	.0198012	.5782104	.0028088	.0753285	.0129459	.0047362
#3	.0288090	.0195031	.5812511	.0028341	.0760160	.0124359	.0046701
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0175279	.0754163	.0441460	.0052060	.0521274	.0122789	.0392285
Stddev	.0001575	.0006330	.0002742	.0001173	.0000955	.0002828	.0010707
%RSD	.8986723	.8393040	.6211416	2.252862	.1831251	2.303212	2.729412
#1	.0173464	.0759603	.0441460	.0052100	.0520891	.0119743	.0395098
#2	.0176292	.0747216	.0438718	.0053212	.0520570	.0125332	.0401305
#3	.0176081	.0755671	.0444202	.0050868	.0522361	.0123292	.0380452
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2397653	-.000037	.0661675	.0078748	.0035068	.0635961	.0049087
Stddev	.0007987	.000123	.0008060	.0000820	.0001755	.0005055	.0001898
%RSD	.3331290	333.0278	1.218089	1.040942	5.004351	.7948659	3.867082
#1	.2393620	-.000179	.0652502	.0079462	.0036773	.0630784	.0048049
#2	.2392487	.000032	.0667623	.0077853	.0033267	.0640885	.0047934
#3	.2406853	.000036	.0664900	.0078928	.0035164	.0636213	.0051278

Sample Name: PB139903BS Acquired: 10/15/2021 12:23:03 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v6) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS903 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.1024512	.0360769	1.724047
Stddev	.0004687	.0006346	.003937
%RSD	.4574964	1.758932	.2283497

#1	.1024903	.0353591	1.728212
#2	.1028991	.0365632	1.723542
#3	.1019642	.0363083	1.720387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.140	39235.06	6406.138	1062.269	1999.468
Stddev	7.178	257.58	5.062	10.452	5.516
%RSD	.4676076	.6565115	.0790211	.9839111	.2758544

#1	1540.991	38957.81	6400.310	1050.598	2005.469
#2	1537.298	39466.95	6409.438	1070.764	1998.314
#3	1527.130	39280.41	6408.667	1065.446	1994.621