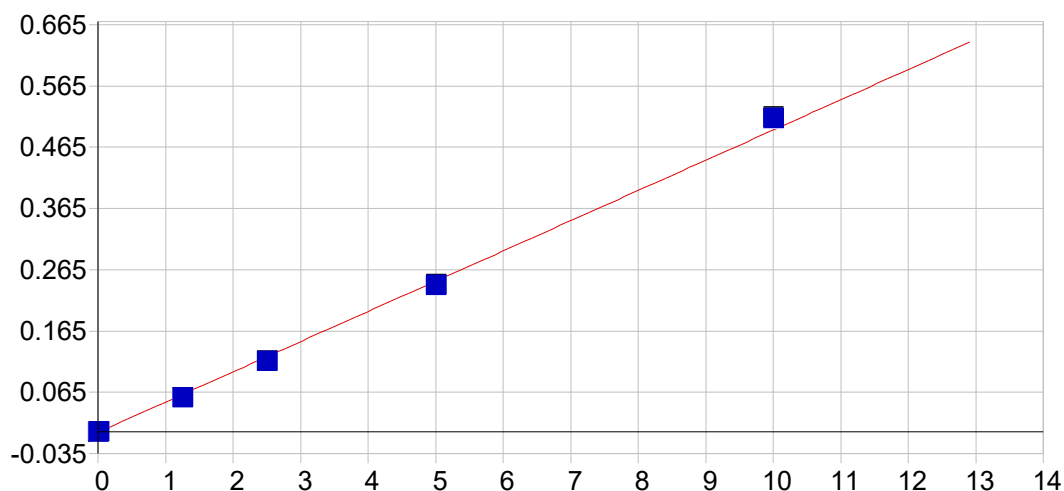




As 189.042 {479}

Date of Fit: 02/28/2019 16:43:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000360

Re-Slope: 1.000000

A1 (Gain): 0.049326

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999015

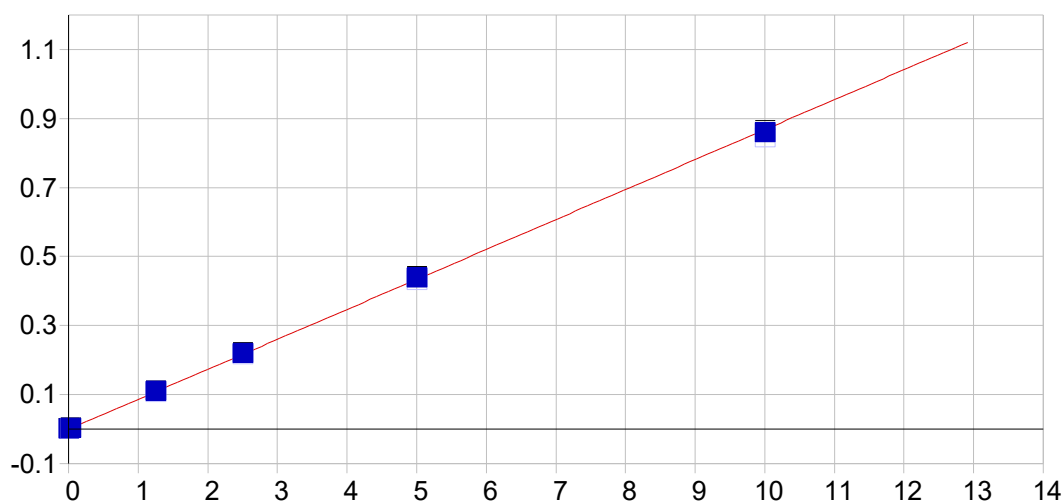
Status: OK.

Std Error of Est: 0.000037

Predicted MDL: 0.003667

Predicted MQL: 0.012225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.01000	.01137	.001	13.7	.00020	.000	1
S2	1.2500	1.1436	-.106	-8.51	.05583	.000	1
S3	2.5000	2.3480	-.152	-6.08	.11502	.001	1
S4	5.0000	4.8706	-.129	-2.59	.23901	.001	1
S5	10.000	10.386	.386	3.86	.51019	.002	1



TI 190.856 {477}

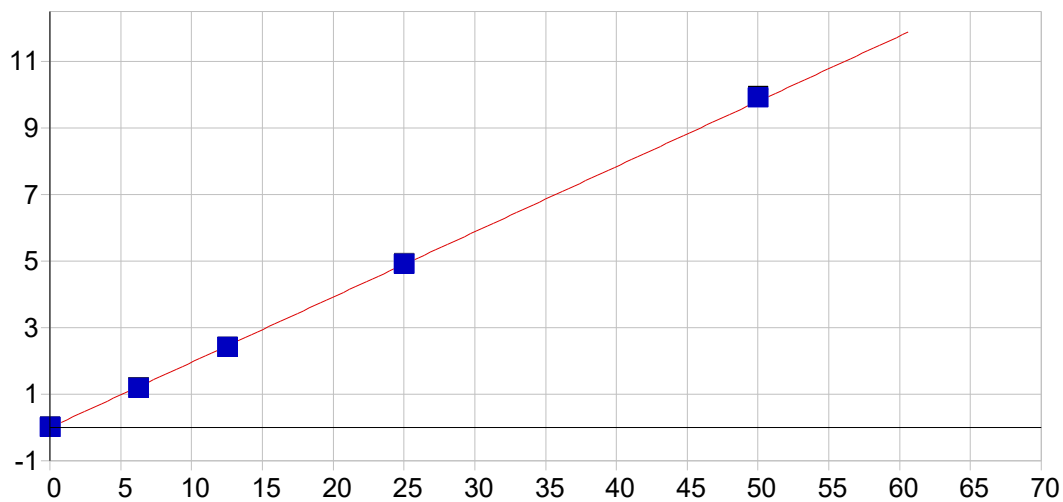
Date of Fit: 02/28/2019 16:43:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000624 Re-Slope: 1.000000
 A1 (Gain): 0.086845 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001913
 Predicted MQL: 0.006377

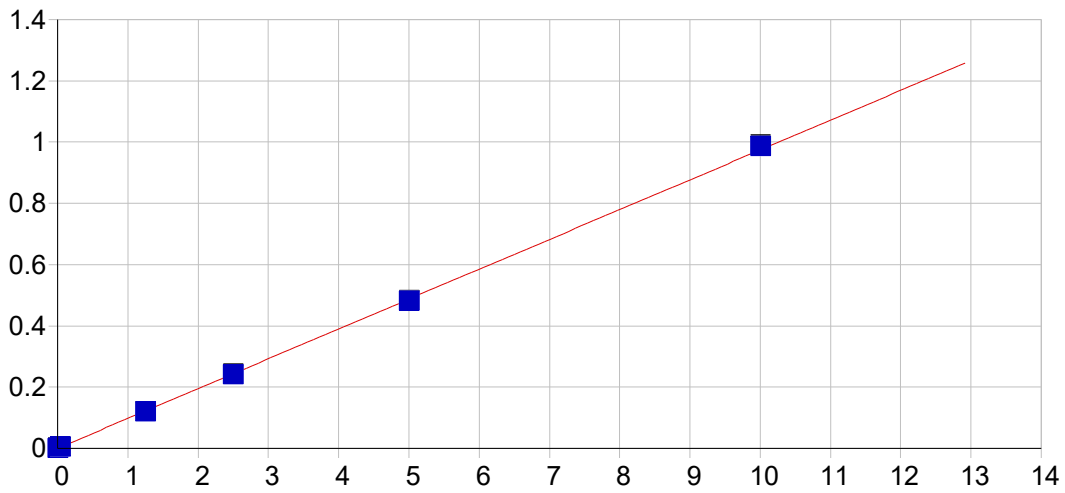
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.02500	.02688	.002	7.50	.00162	.000	1
S2	1.2500	1.2595	.009	.757	.10675	.000	1
S3	2.5000	2.5330	.033	1.32	.21535	.001	1
S4	5.0000	5.0544	.054	1.09	.43032	.003	1
S5	10.000	9.9012	-.099	-.988	.84323	.006	1



Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000123 Re-Slope: 1.000000
 A1 (Gain): 0.196039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.001757
 Predicted MQL: 0.005858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00935	-.001	-6.50	.00171	.000	1
S2	6.2500	6.0168	-.233	-3.73	1.1793	.006	1
S3	12.500	12.233	-.267	-2.14	2.3978	.012	1
S4	25.000	25.001	.001	.003	4.9005	.023	1
S5	50.000	50.500	.500	1.00	9.8989	.050	1

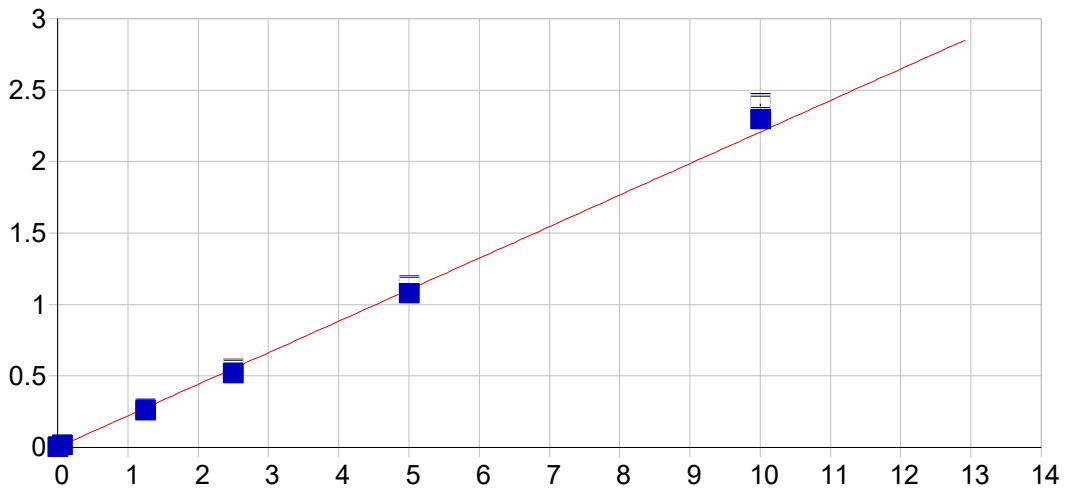


Se 196.090 (472)

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000436 Re-Slope: 1.000000
 A1 (Gain): 0.097378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002855
 Predicted MQL: 0.009516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.03500	.03647	.001	4.20	.00399	.000	1
S2	1.2500	1.2214	-.029	-2.29	.11905	.001	1
S3	2.5000	2.4615	-.038	-1.54	.23950	.002	1
S4	5.0000	4.9352	-.065	-1.30	.47973	.001	1
S5	10.000	10.130	.130	1.30	.98435	.003	1



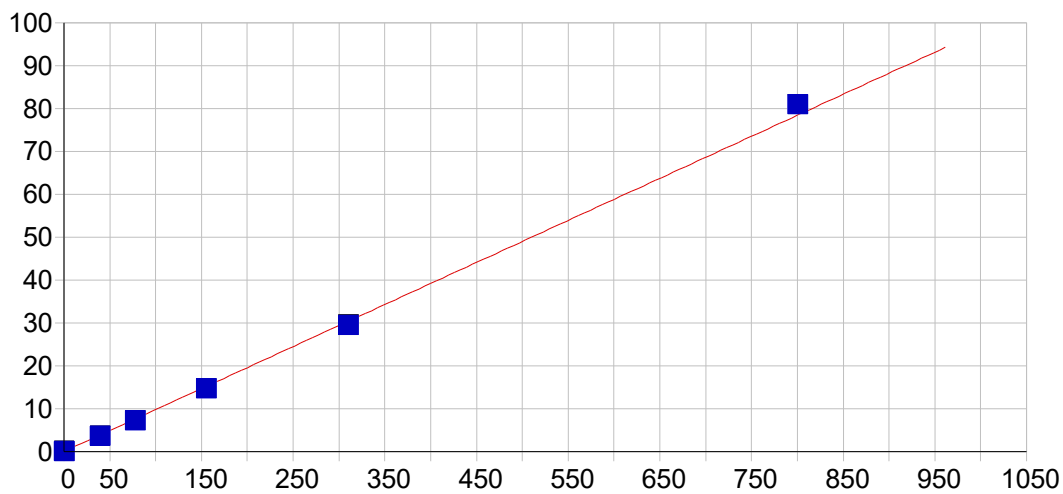
Sb 206.833 (463)

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000770 Re-Slope: 1.000000

A1 (Gain): 0.220606 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999076 Status: OK.
 Std Error of Est: 0.000408
 Predicted MDL: 0.001589
 Predicted MQL: 0.005296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00077	.000	1
S1	.06000	.06322	.003	5.37	.01473	.001	1
S2	1.2500	1.1500	-.100	-8.00	.26717	.001	1
S3	2.5000	2.3403	-.160	-6.39	.54245	.003	1
S4	5.0000	4.8595	-.140	-2.81	1.1236	.004	1
S5	10.000	10.397	.397	3.97	2.3960	.011	1

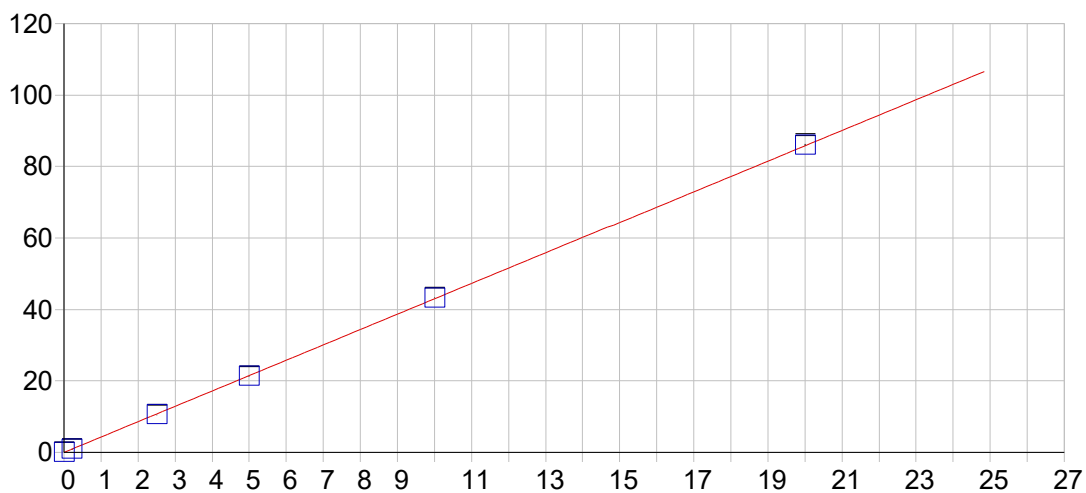


AI 396.152 { 85 }

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004470 Re-Slope: 1.000000
 A1 (Gain): 0.098044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999315 Status: OK.
 Std Error of Est: 0.002259
 Predicted MDL: 0.014592
 Predicted MQL: 0.048638

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00447	.001	1
S1	.20000	.19492	-.005	-2.54	.02392	.000	1
S2	38.750	35.959	-2.79	-7.20	3.5376	.027	1
S3	77.500	72.507	-4.99	-6.44	7.1286	.043	1
S4	155.00	148.41	-6.59	-4.25	14.586	.034	1
S5	310.00	299.78	-10.2	-3.30	29.457	.107	1
S6	800.00	824.63	24.6	3.08	80.904	.051	1

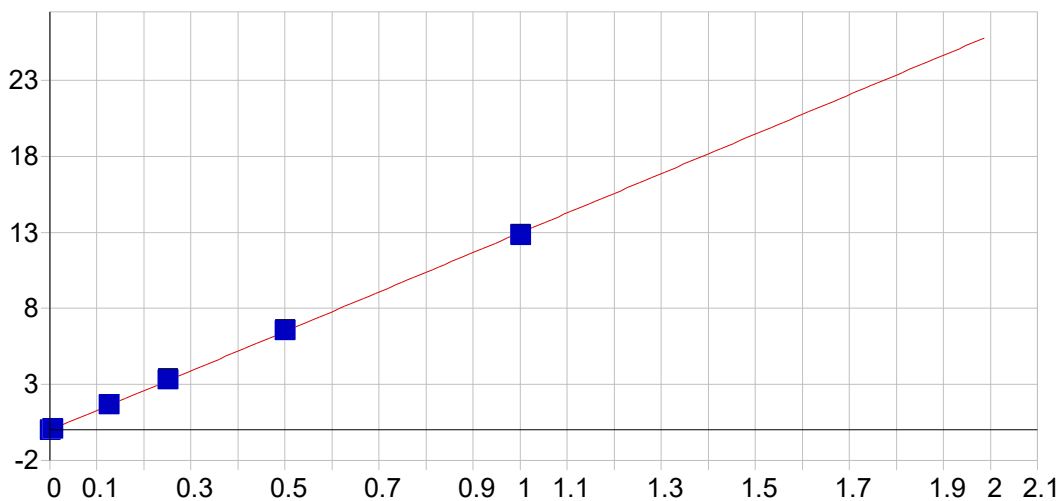


Ba 493.409 { 68}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025403 Re-Slope: 1.000000
 A1 (Gain): 4.290710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.004447
 Predicted MDL: 0.001005
 Predicted MQL: 0.003350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02537	.001	1
S1	.20000	.21421	.014	7.11	.94453	.007	1
S2	2.5000	2.4382	-.062	-2.47	10.487	.049	1
S3	5.0000	4.9464	-.054	-1.07	21.249	.059	1
S4	10.000	10.063	.063	.631	43.203	.095	1
S5	20.000	20.038	.038	.190	86.003	.261	1



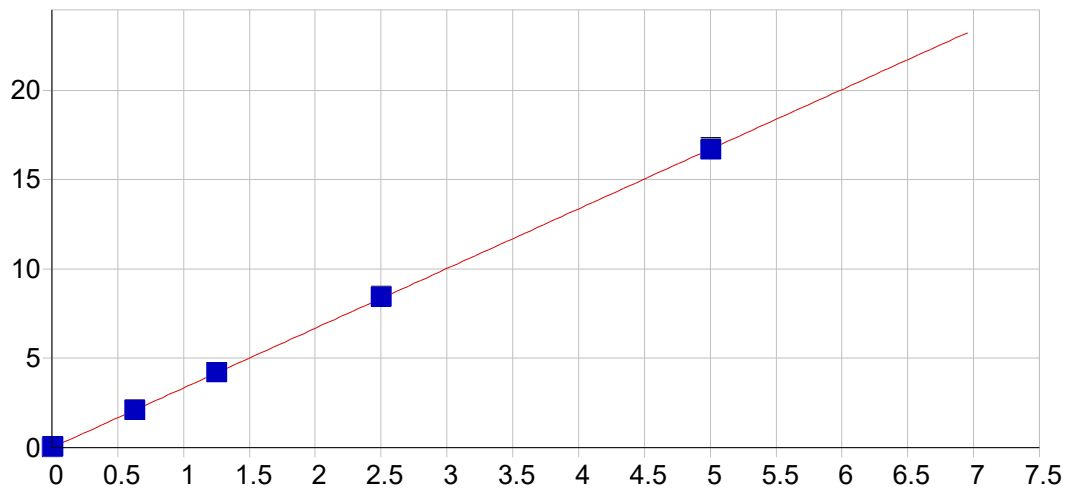
Be 234.861 {144}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003851 Re-Slope: 1.000000

A1 (Gain): 12.973927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000661
 Predicted MDL: 0.000062
 Predicted MQL: 0.000208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00386	.001	1
S1	.00500	.00540	.000	7.98	.06615	.001	1
S2	.12500	.12761	.003	2.09	1.6464	.010	1
S3	.25000	.25482	.005	1.93	3.2914	.034	1
S4	.50000	.50387	.004	.774	6.5118	.033	1
S5	1.0000	.98830	-.012	-1.17	12.775	.037	1

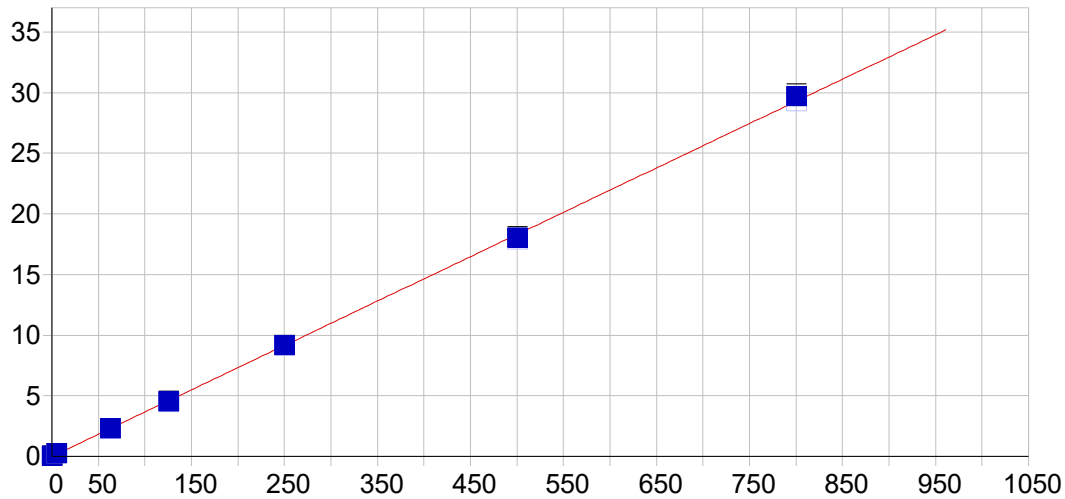


Cd 214.438 (457)

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000283 Re-Slope: 1.000000
 A1 (Gain): 3.340492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.00500	.00542	.000	8.43	.01840	.000	1
S2	.62500	.62048	-.005	-.724	2.0762	.010	1
S3	1.2500	1.2493	-.001	-.053	4.1801	.017	1
S4	2.5000	2.5159	.016	.635	8.4174	.040	1
S5	5.0000	4.9889	-.011	-.222	16.691	.082	1

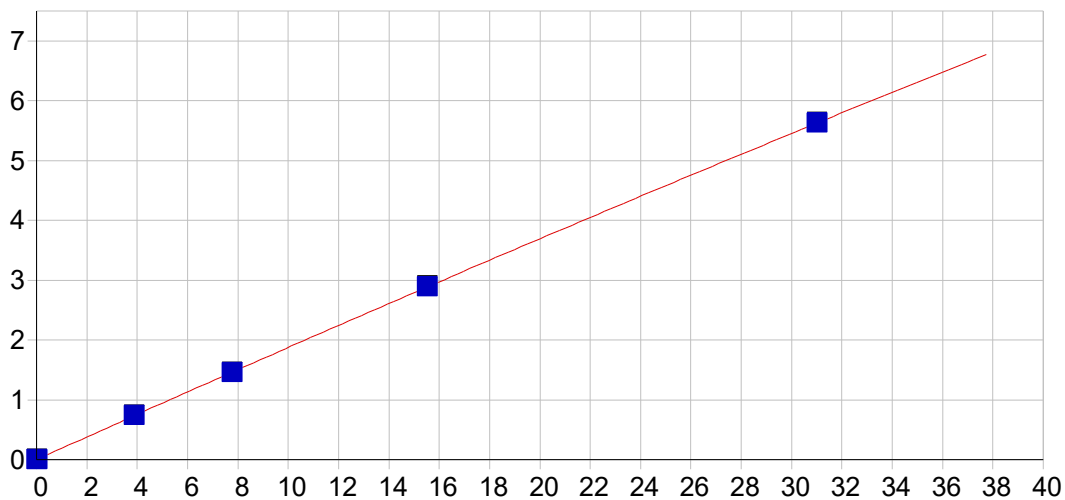


Ca 373.690 { 90}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003380 Re-Slope: 1.000000
 A1 (Gain): 0.036592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.001853
 Predicted MDL: 0.027673
 Predicted MQL: 0.092244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	.00337	.000	1
S1	5.0000	5.3532	.353	7.06	.19921	.001	1
S2	62.500	61.514	-.986	-1.58	2.2339	.026	1
S3	125.00	122.69	-2.31	-1.85	4.4520	.044	1
S4	250.00	249.62	-.378	-.151	9.0557	.018	1
S5	500.00	492.12	-7.88	-1.58	17.847	.106	1
S6	800.00	811.27	11.3	1.41	29.253	.171	1

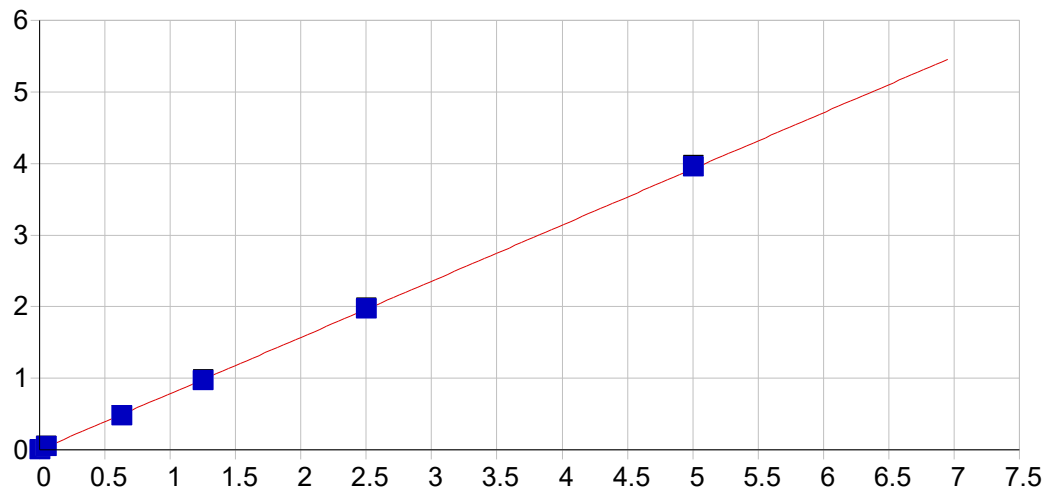


Cr 267.716 {126}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.190424 Y-int: 0.000000
 A2 (Curvature): -0.000290
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.000537
 Predicted MQL: 0.001791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01157	.002	15.7	.00230	.000	1
S2	3.8750	3.8749	-.000	-.003	.73453	.000	1
S3	7.7500	7.7281	-.022	-.282	1.4562	.001	1
S4	15.500	15.531	.031	.197	2.8912	.009	1
S5	31.000	30.990	-.010	-.033	5.6301	.005	1

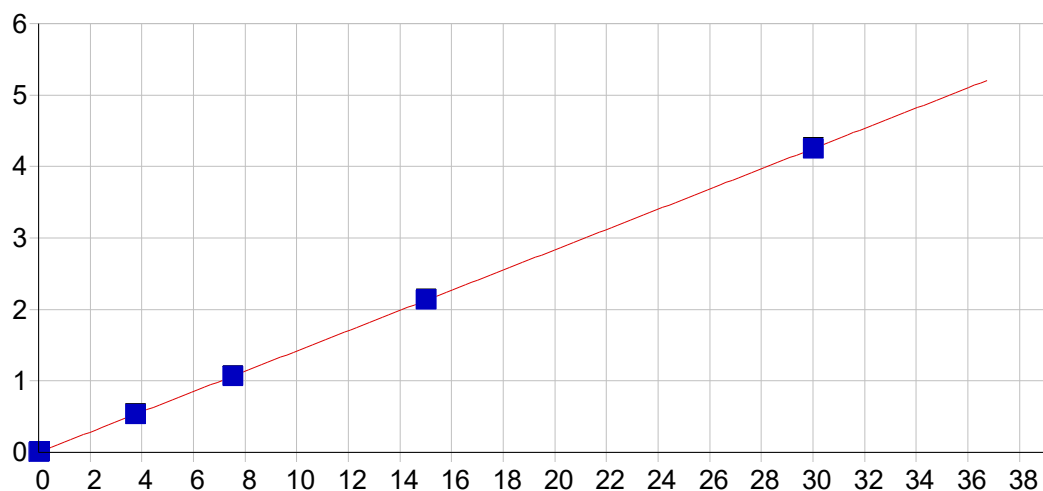


Co 228.616 {448}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.784819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.000298
 Predicted MQL: 0.000993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.05000	.05117	.001	2.35	.04062	.000	1
S2	.62500	.60532	-.020	-3.15	.47617	.002	1
S3	1.2500	1.2328	-.017	-1.38	.96937	.004	1
S4	2.5000	2.5044	.004	.177	1.9690	.009	1
S5	5.0000	5.0313	.031	.626	3.9552	.019	1

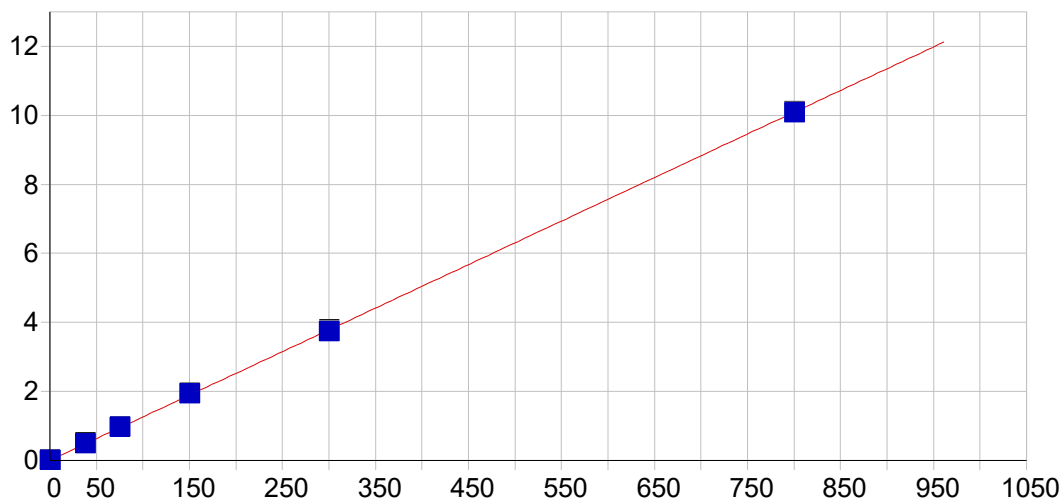


Cu 324.754 {104}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001529 Re-Slope: 1.000000
 A1 (Gain): 0.141761 Y-int: 0.000000
 A2 (Curvature): -0.000004
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.005025
 Predicted MQL: 0.016749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00153	.000	1
S1	.02500	.02973	.005	18.9	.00574	.000	1
S2	3.7500	3.7331	-.017	-.449	.53029	.003	1
S3	7.5000	7.4767	-.023	-.310	1.0604	.002	1
S4	15.000	15.055	.055	.367	2.1333	.006	1
S5	30.000	29.980	-.020	-.065	4.2450	.018	1



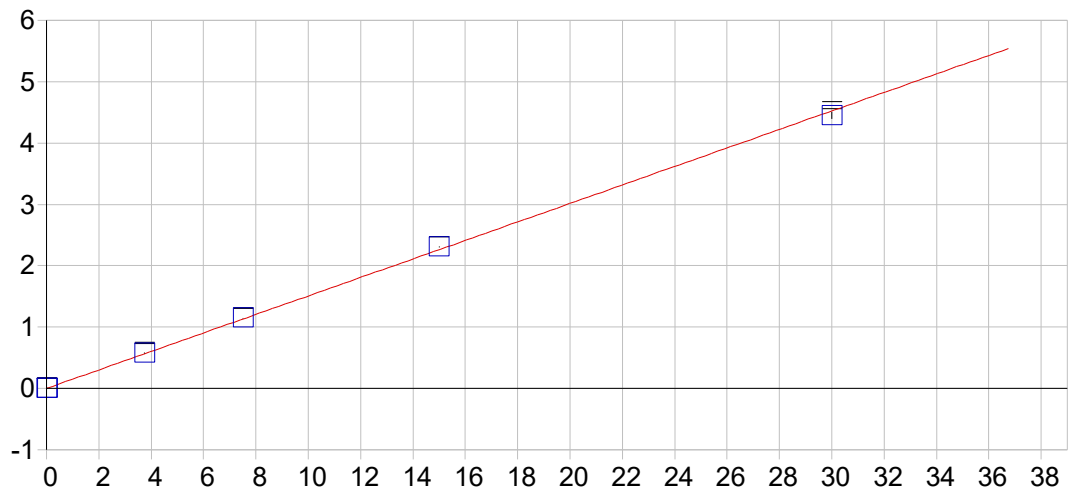
Fe 259.837 {130}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000

A1 (Gain): 0.012613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.027353
 Predicted MQL: 0.091176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00020	.000	1
S1	.10000	.10618	.006	6.18	.00160	.001	1
S2	37.500	38.663	1.16	3.10	.48884	.005	1
S3	75.000	76.352	1.35	1.80	.96518	.006	1
S4	150.00	153.12	3.12	2.08	1.9354	.006	1
S5	300.00	295.70	-4.30	-1.43	3.7376	.039	1
S6	800.00	798.66	-1.34	-.167	10.086	.029	1

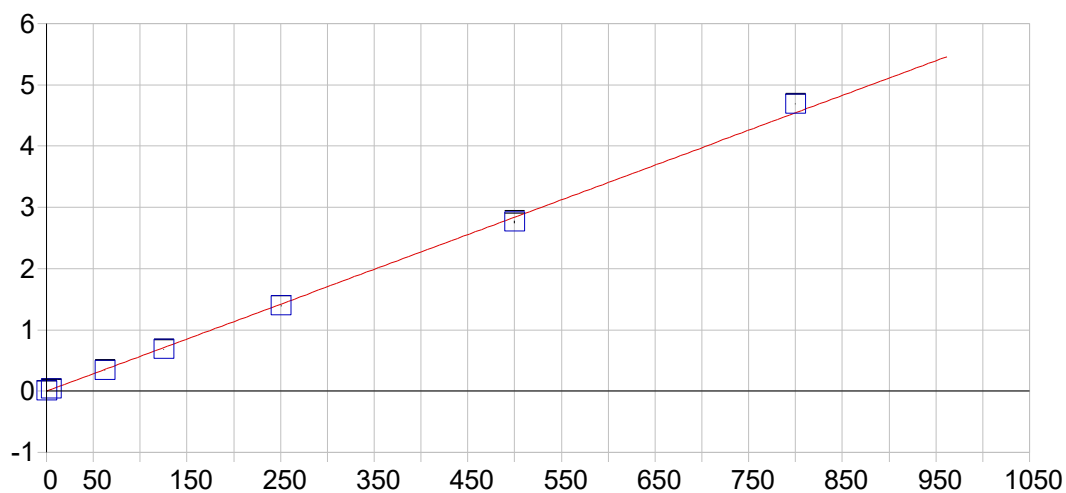


Mn 257.610 {131}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.150764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001867
 Predicted MQL: 0.006224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01500	.01590	.001	5.97	.00254	.000	1
S2	3.7500	3.8331	.083	2.22	.57804	.010	1
S3	7.5000	7.5916	.092	1.22	1.1447	.008	1
S4	15.000	15.307	.307	2.05	2.3079	.002	1
S5	30.000	29.517	-.483	-1.61	4.4503	.053	1

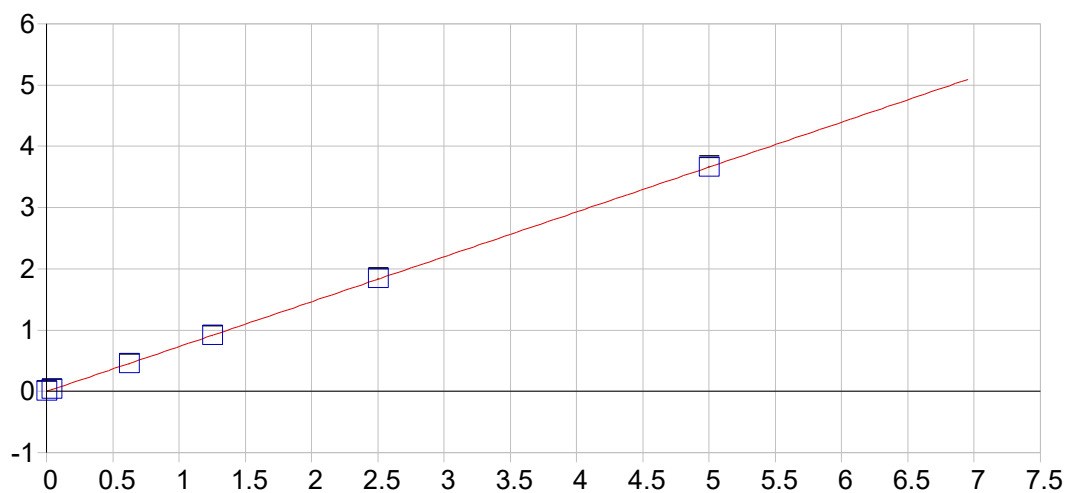


Mg 279.079 {121}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000519 Re-Slope: 1.000000
 A1 (Gain): 0.005679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999538 Status: OK.
 Std Error of Est: 0.000603
 Predicted MDL: 0.069610
 Predicted MQL: 0.232033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00052	.000	1
S1	5.0000	5.2560	.256	5.12	.02933	.000	1
S2	62.500	59.820	-2.68	-4.29	.33917	.005	1
S3	125.00	119.39	-5.61	-4.49	.67743	.006	1
S4	250.00	245.34	-4.66	-1.86	1.3927	.003	1
S5	500.00	487.16	-12.8	-2.57	2.7659	.021	1
S6	800.00	825.53	25.5	3.19	4.6873	.003	1

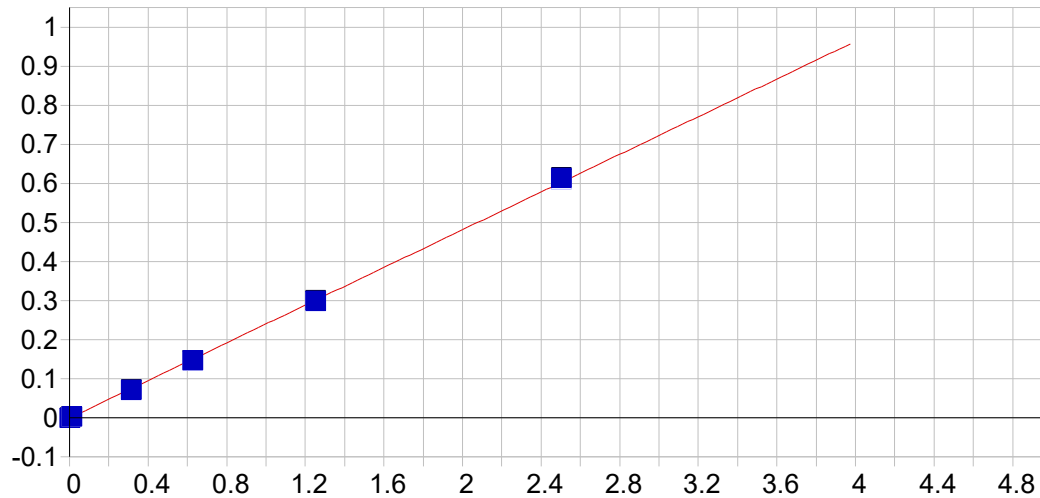


Ni 231.604 {446}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002121 Re-Slope: 1.000000
 A1 (Gain): 0.732808 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.000416
 Predicted MQL: 0.001386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00212	.000	1
S1	.04000	.04359	.004	8.98	.02982	.000	1
S2	.62500	.61412	-.011	-1.74	.44791	.002	1
S3	1.2500	1.2427	-.007	-.582	.90856	.004	1
S4	2.5000	2.5138	.014	.553	1.8400	.008	1
S5	5.0000	5.0007	.001	.015	3.6625	.014	1

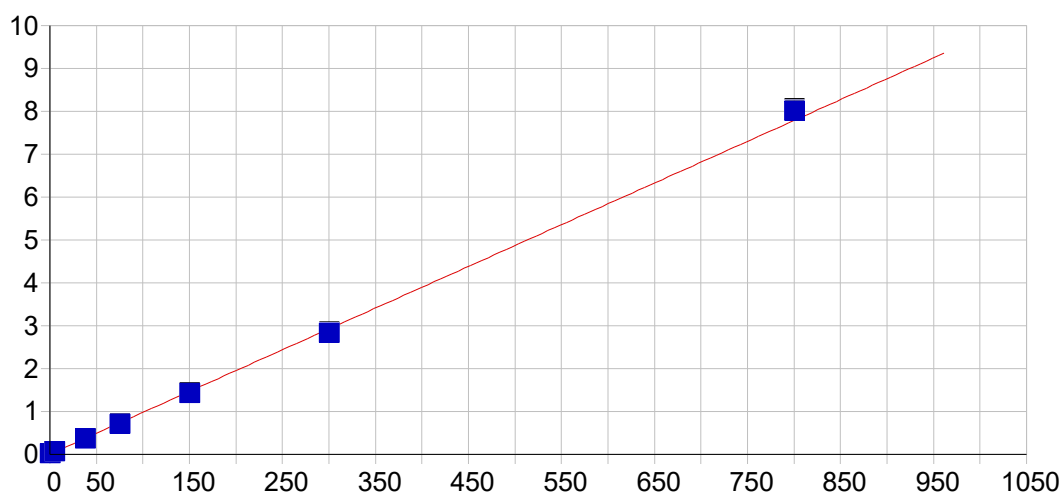


Ag 328.068 {103}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001124 Re-Slope: 1.000000
 A1 (Gain): 0.241130 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.000598
 Predicted MQL: 0.001994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00112	.000	1
S1	.01000	.01081	.001	8.14	.00146	.000	1
S2	.31250	.29522	-.017	-5.53	.06948	.000	1
S3	.62500	.60677	-.018	-2.92	.14402	.001	1
S4	1.2500	1.2425	-.008	-.604	.29614	.001	1
S5	2.5000	2.5422	.042	1.69	.60723	.002	1

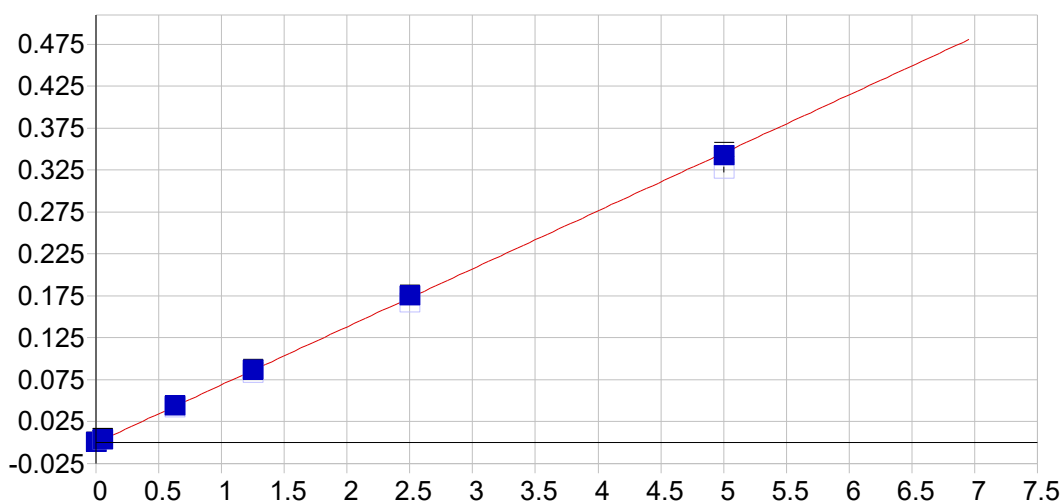


Na 818.326 { 41}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009150 Re-Slope: 1.000000
 A1 (Gain): 0.009723 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999469 Status: OK.
 Std Error of Est: 0.000985
 Predicted MDL: 0.333851
 Predicted MQL: 1.112838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00101	.001	.000	.00916	.004	1
S1	5.0000	4.7635	-.237	-4.73	.05547	.001	1
S2	37.500	35.273	-2.23	-5.94	.35371	.001	1
S3	75.000	70.929	-4.07	-5.43	.70200	.007	1
S4	150.00	144.97	-5.03	-3.36	1.4251	.006	1
S5	300.00	289.84	-10.2	-3.39	2.8401	.004	1
S6	800.00	821.72	21.7	2.72	8.0330	.033	1

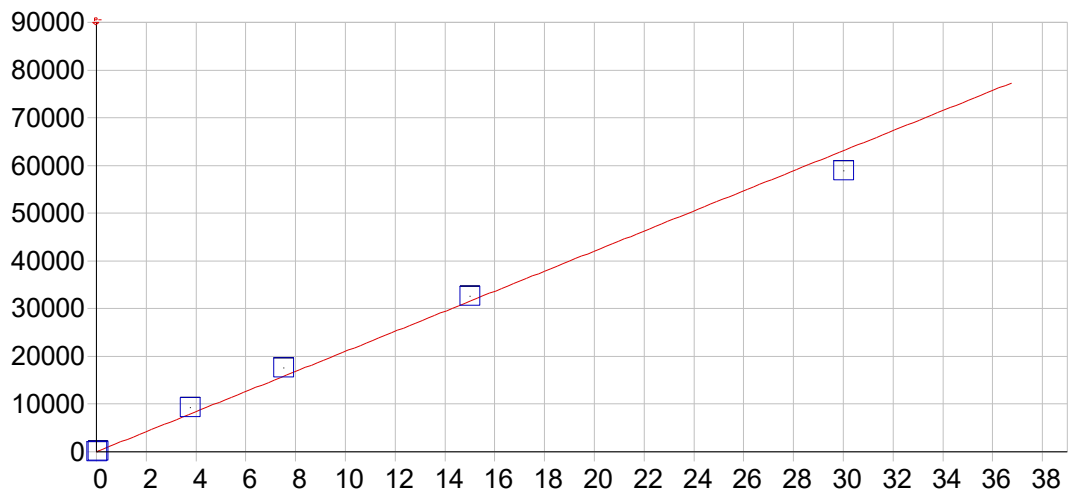


V 292.402 {115}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.069140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.006945
 Predicted MQL: 0.023152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.05000	.05359	.004	7.19	.00357	.001	1
S2	.62500	.63072	.006	.915	.04141	.000	1
S3	1.2500	1.2550	.005	.396	.08250	.001	1
S4	2.5000	2.5317	.032	1.27	.16663	.001	1
S5	5.0000	4.9539	-.046	-.923	.32581	.004	1

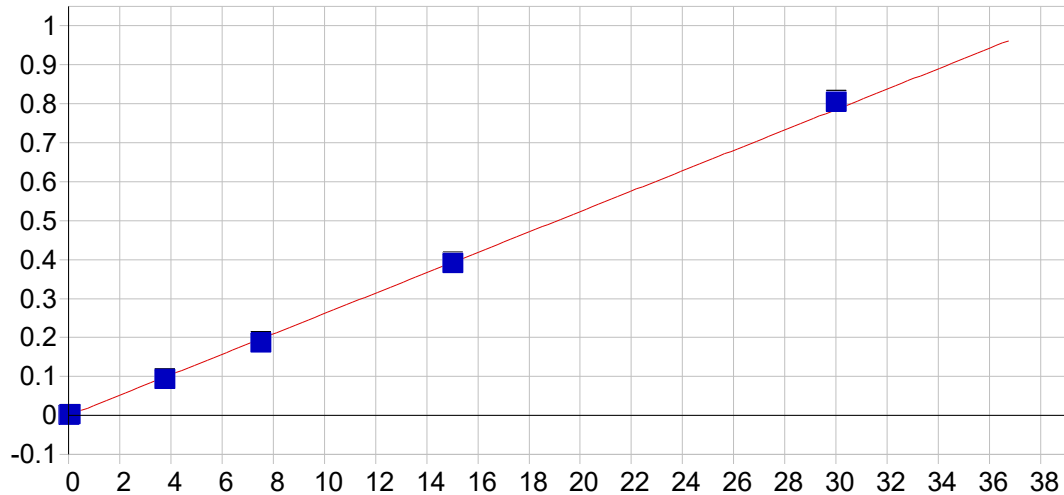


Zn 206.200 (464)

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 9.248288 Re-Slope: 1.000000
 A1 (Gain): 2102.732302 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996810 Status: OK.
 Std Error of Est: 11.978587
 Predicted MDL: 0.000299
 Predicted MQL: 0.000995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	9.1732	.471	1
S1	.06000	.08083	.021	34.7	179.22	.151	1
S2	3.7500	4.3761	.626	16.7	9211.1	16.7	1
S3	7.5000	8.3538	.854	11.4	17575.	8.05	1
S4	15.000	15.509	.509	3.39	32621.	37.5	1
S5	30.000	27.990	-2.01	-6.70	58865.	45.5	1

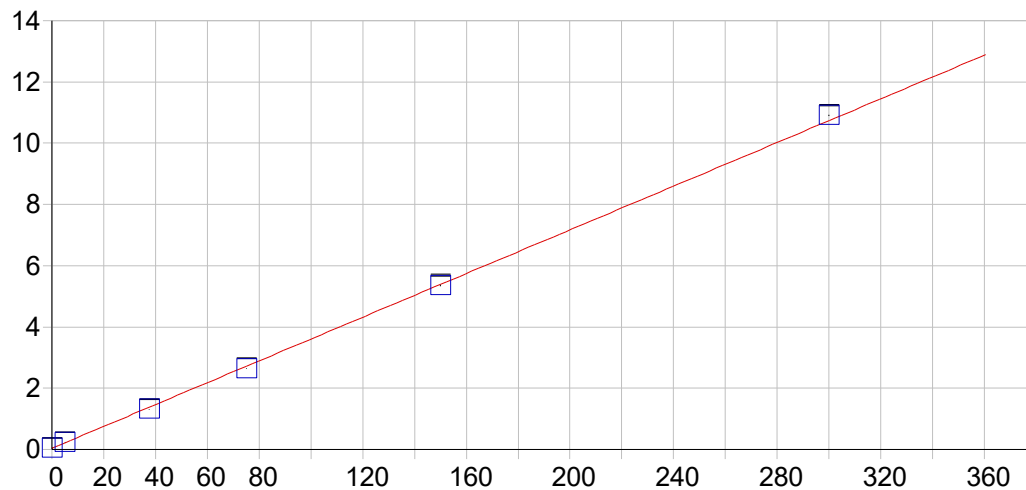


Zn 213.856 {158}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.026184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999545 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.015393
 Predicted MQL: 0.051310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00028	.000	1
S1	.06000	.05562	-.004	-7.30	.00118	.000	1
S2	3.7500	3.5181	-.232	-6.18	.09200	.002	1
S3	7.5000	7.1195	-.380	-5.07	.18646	.003	1
S4	15.000	14.905	-.095	-.634	.39063	.002	1
S5	30.000	30.712	.712	2.37	.80517	.003	1



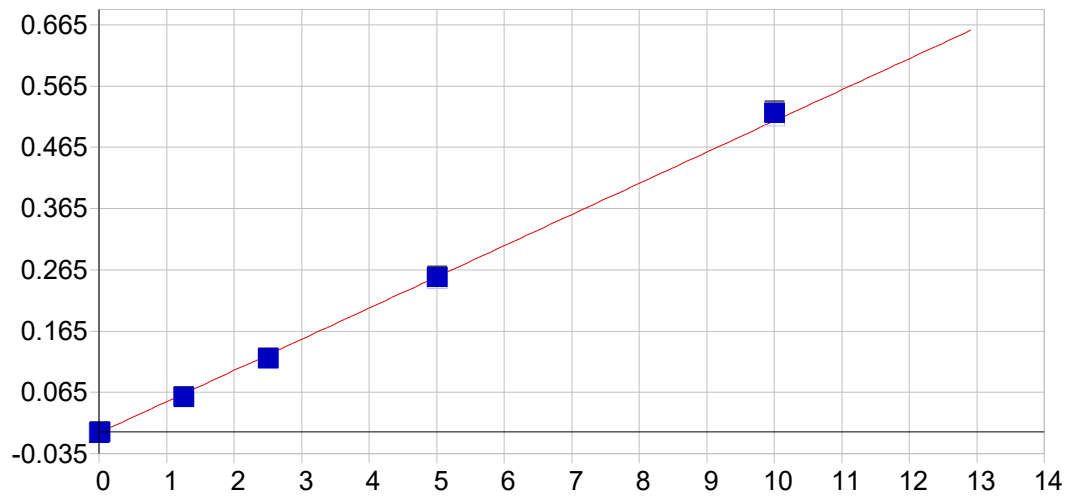
K 769.896 {44}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.040589 Re-Slope: 1.000000

A1 (Gain): 0.035650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.001525
 Predicted MDL: 0.081324
 Predicted MQL: 0.271081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	.04060	.002	1
S1	5.0000	5.1108	.111	2.22	.22279	.003	1
S2	37.500	35.570	-1.93	-5.15	1.3086	.004	1
S3	75.000	72.840	-2.16	-2.88	2.6373	.007	1
S4	150.00	149.20	-.797	-.531	5.3596	.038	1
S5	300.00	304.78	4.78	1.59	10.906	.017	1

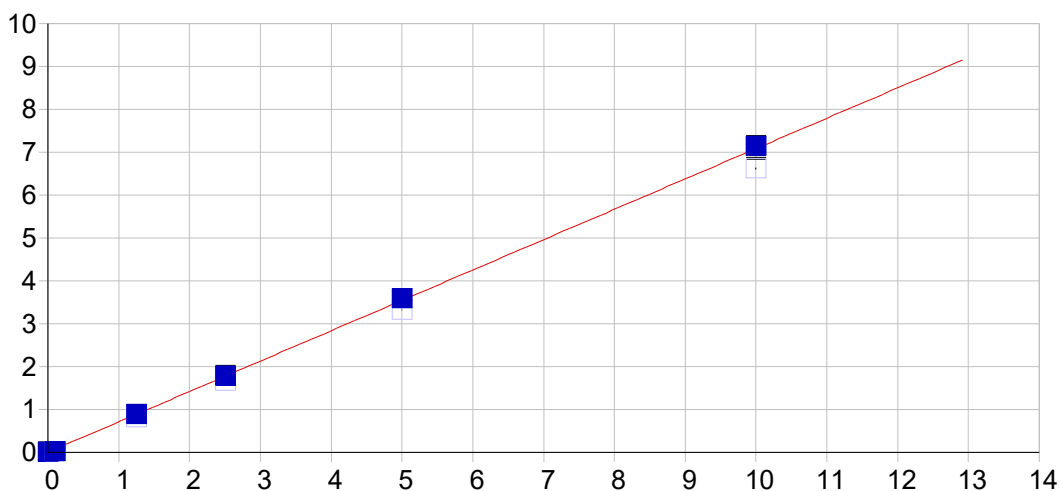


P 177.495 {490}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001116 Re-Slope: 1.000000
 A1 (Gain): 0.050891 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999399 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002538
 Predicted MQL: 0.008461

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00112	.000	1
S1	.01000	.01161	.002	16.1	-.00053	.000	1
S2	1.2500	1.1410	-.109	-8.72	.05624	.000	1
S3	2.5000	2.3786	-.121	-4.86	.11851	.001	1
S4	5.0000	4.9776	-.022	-.449	.24935	.002	1
S5	10.000	10.251	.251	2.51	.51488	.004	1

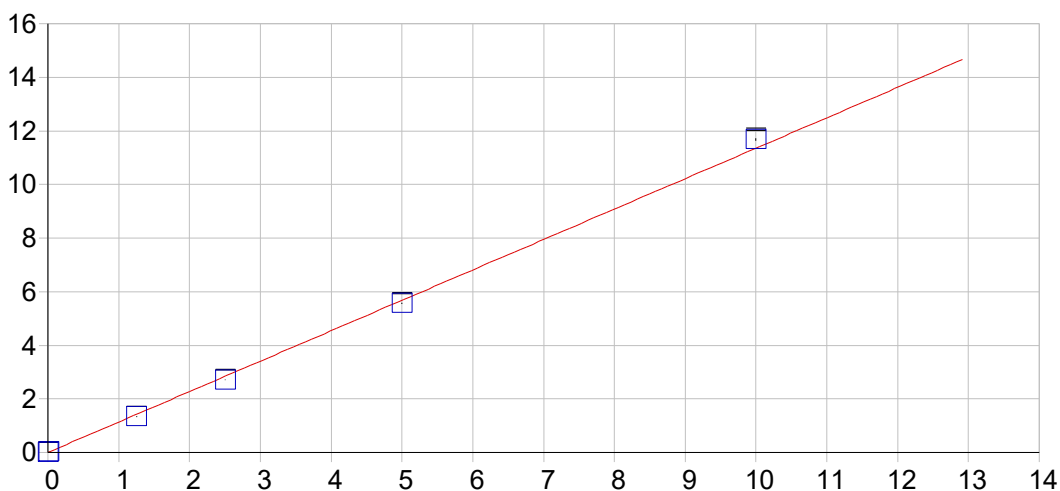


B 249.678 {135}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004119 Re-Slope: 1.000000
 A1 (Gain): 0.708012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997456 Status: OK.
 Std Error of Est: 0.002495
 Predicted MDL: 0.001163
 Predicted MQL: 0.003877

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00418	.001	1
S1	.10000	.00969	-.090	-90.3	.01083	.001	1
S2	1.2500	1.2290	-.021	-1.68	.81007	.005	1
S3	2.5000	2.5057	.006	.228	1.6497	.015	1
S4	5.0000	5.0440	.044	.880	3.3184	.009	1
S5	10.000	10.068	.068	.684	6.6188	.016	1



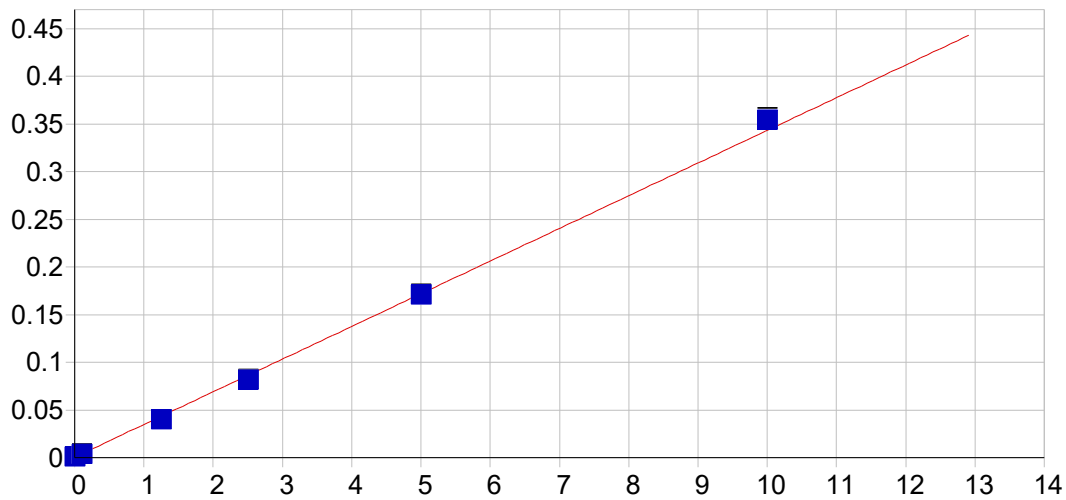
Mo 202.030 {467}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000996 Re-Slope: 1.000000

A1 (Gain): 1.135151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999460 Status: OK.
 Std Error of Est: 0.000626
 Predicted MDL: 0.000271
 Predicted MQL: 0.000902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00100	.000	1
S1	.01000	.01013	.000	1.32	.01250	.000	1
S2	1.2500	1.1761	-.074	-5.91	1.3360	.008	1
S3	2.5000	2.3861	-.114	-4.56	2.7096	.015	1
S4	5.0000	4.8957	-.104	-2.09	5.5583	.019	1
S5	10.000	10.292	.292	2.92	11.684	.050	1

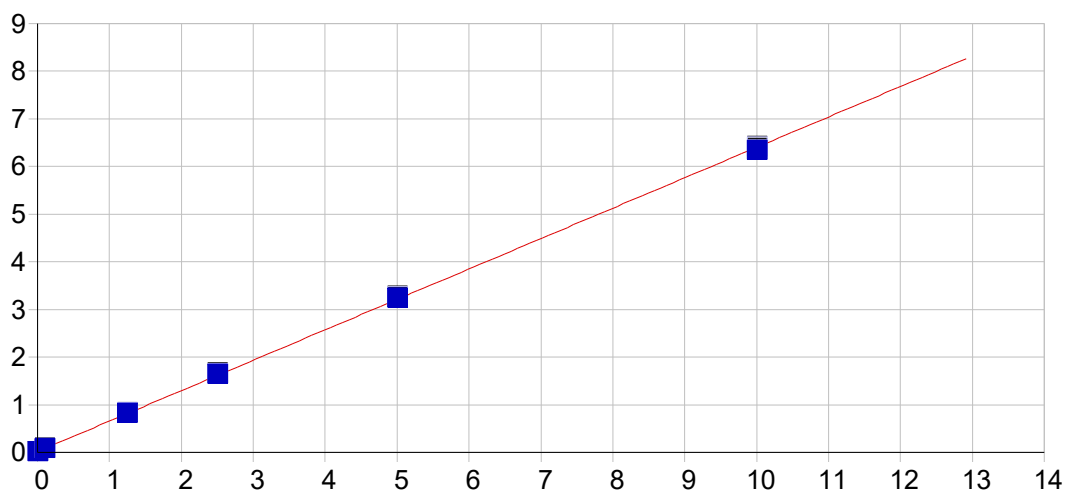


S 182.034 {485}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000504 Re-Slope: 1.000000
 A1 (Gain): 0.034283 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999217 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.004150
 Predicted MQL: 0.013835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00050	.000	1
S1	.10000	.09111	-.009	-8.89	.00363	.000	1
S2	1.2500	1.1349	-.115	-9.21	.03950	.000	1
S3	2.5000	2.3578	-.142	-5.69	.08152	.001	1
S4	5.0000	4.9535	-.047	-.930	.17068	.001	1
S5	10.000	10.313	.313	3.13	.35477	.002	1

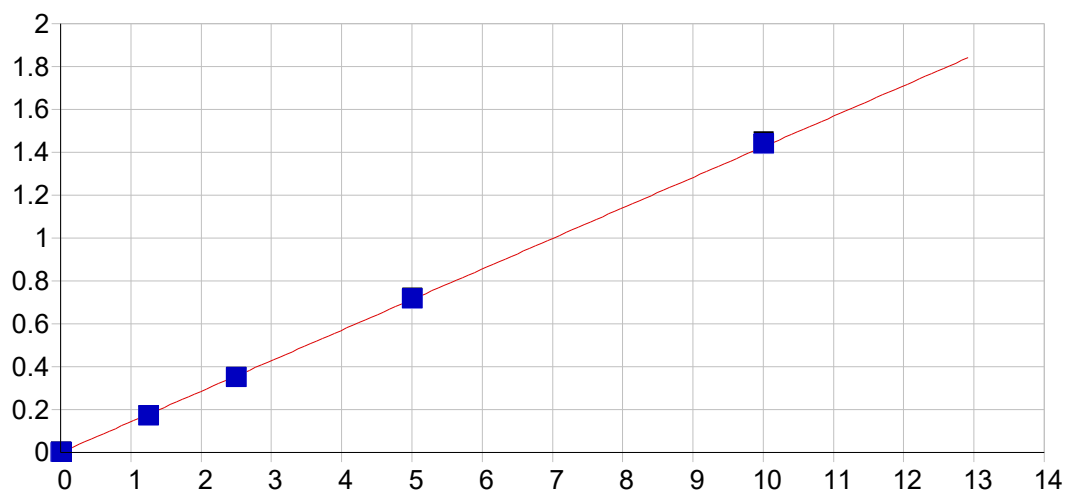


Si 251.611 {134}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018949 Re-Slope: 1.000000
 A1 (Gain): 0.638334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.001327
 Predicted MQL: 0.004423

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01894	.000	1
S1	.10000	.10510	.005	5.10	.08626	.000	1
S2	1.2500	1.2613	.011	.903	.83113	.004	1
S3	2.5000	2.5389	.039	1.55	1.6537	.017	1
S4	5.0000	5.0337	.034	.674	3.2604	.013	1
S5	10.000	9.9111	-.089	-.889	6.4020	.017	1



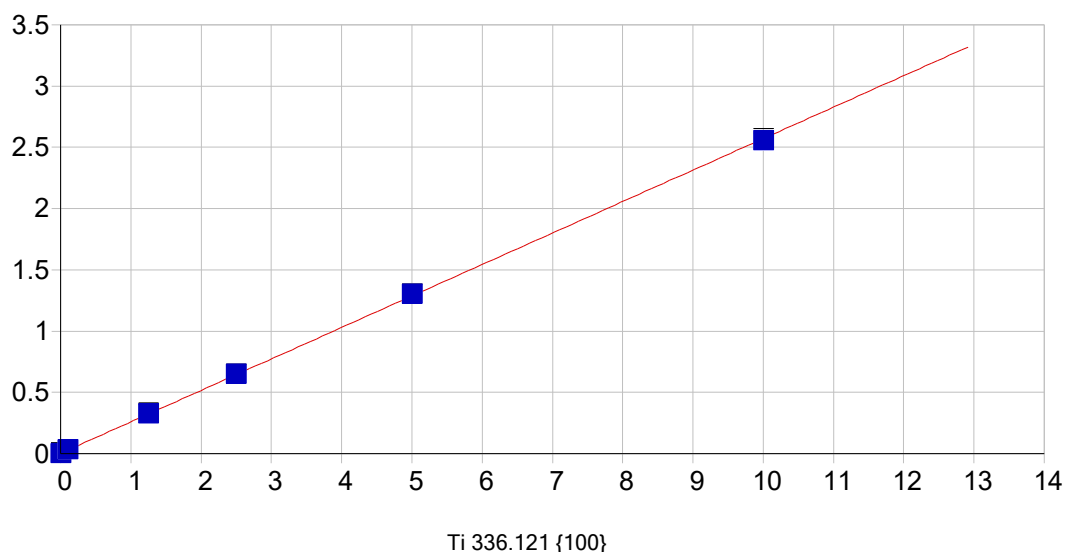
Sn 189.989 {478}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000400 Re-Slope: 1.000000

A1 (Gain): 0.142516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000998
 Predicted MQL: 0.003328

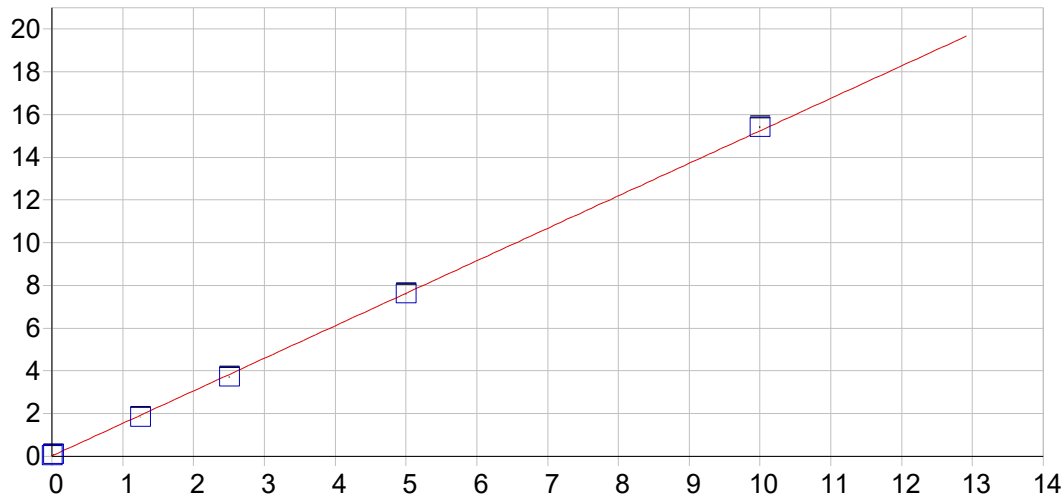
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.00700	.00596	-.001	-14.9	.00122	.000	1
S2	1.2500	1.1971	-.053	-4.24	.17063	.001	1
S3	2.5000	2.4464	-.054	-2.15	.34831	.001	1
S4	5.0000	5.0145	.015	.290	.71357	.004	1
S5	10.000	10.093	.093	.931	1.4359	.008	1



Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002439 Re-Slope: 1.000000
 A1 (Gain): 0.256874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.002771
 Predicted MQL: 0.009237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00244	.001	1
S1	.10000	.10841	.008	8.41	.03028	.001	1
S2	1.2500	1.2577	.008	.617	.32540	.002	1
S3	2.5000	2.5029	.003	.116	.64515	.002	1
S4	5.0000	5.0545	.055	1.09	1.3004	.000	1
S5	10.000	9.9264	-.074	-.736	2.5514	.020	1

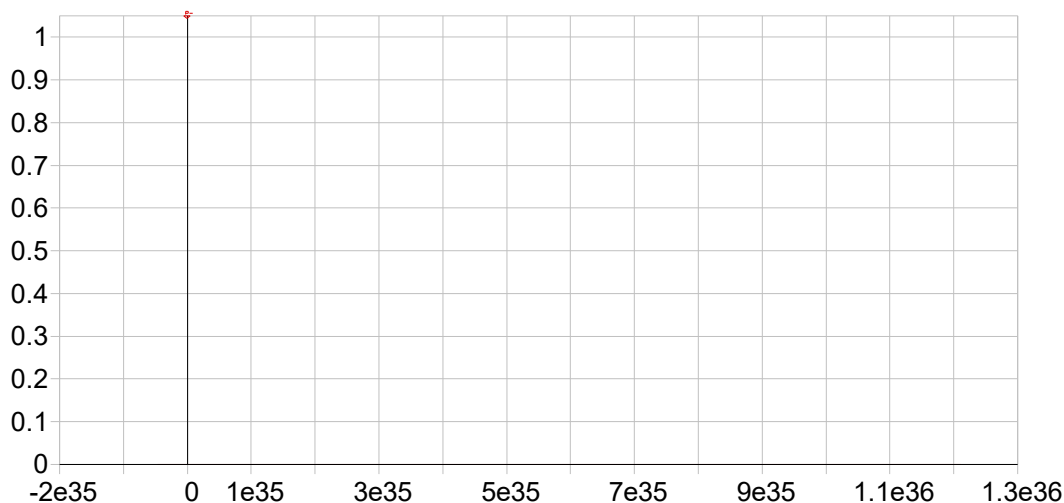


Li 670.784 { 50}

Date of Fit: 02/28/2019 16:43:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025377 Re-Slope: 1.000000
 A1 (Gain): 1.521458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997832 Status: OK.
 Std Error of Est: 0.002061
 Predicted MDL: 0.002135
 Predicted MQL: 0.007115

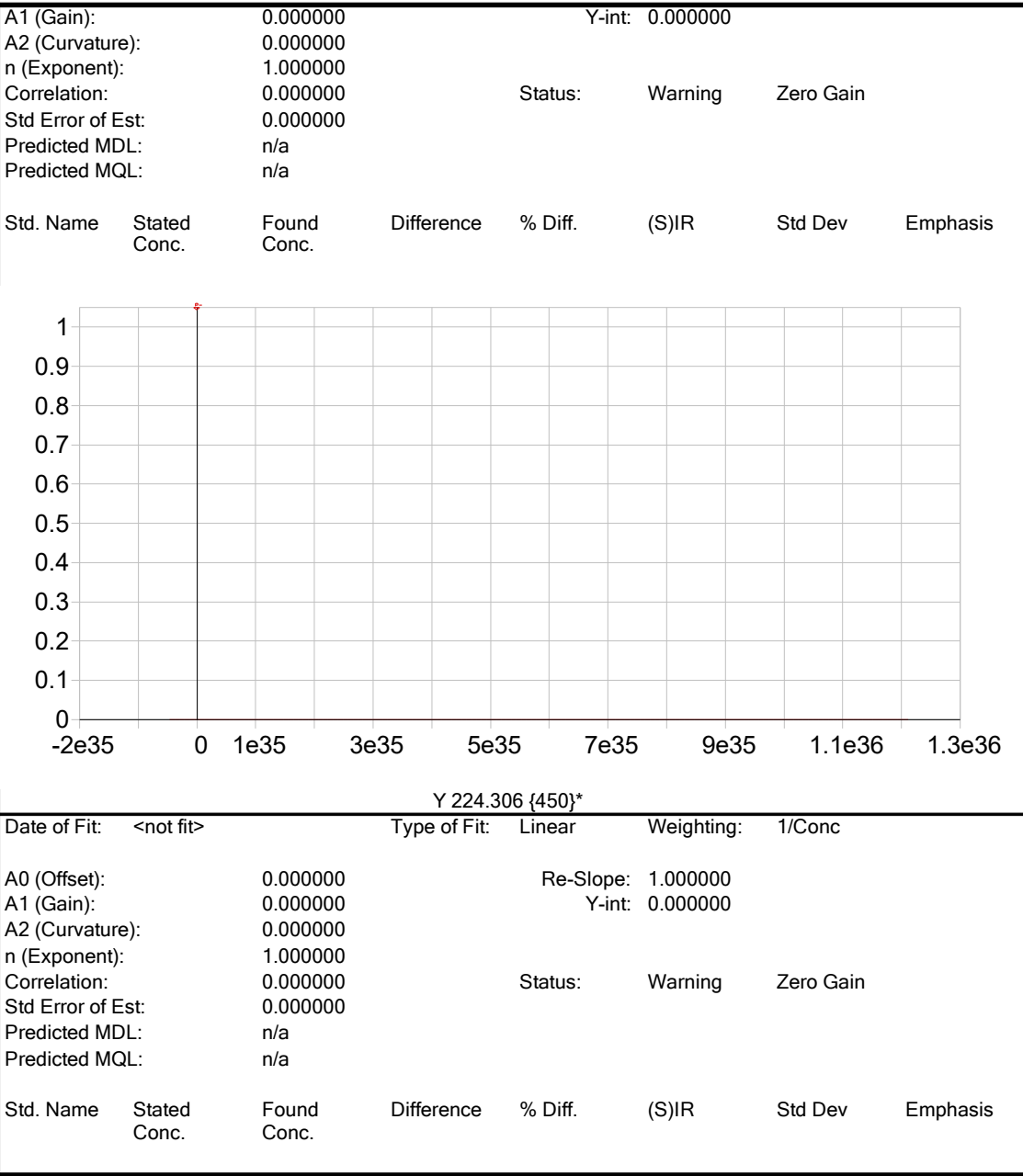
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02533	.003	1
S5	10.000	10.113	.113	1.13	15.413	.041	1
S4	5.0000	4.9883	-.012	-.233	7.6149	.030	1
S3	2.5000	2.4215	-.078	-3.14	3.7096	.021	1
S2	1.2500	1.1931	-.057	-4.55	1.8406	.012	1
S1	.01500	.04858	.034	224.	.09929	.003	1

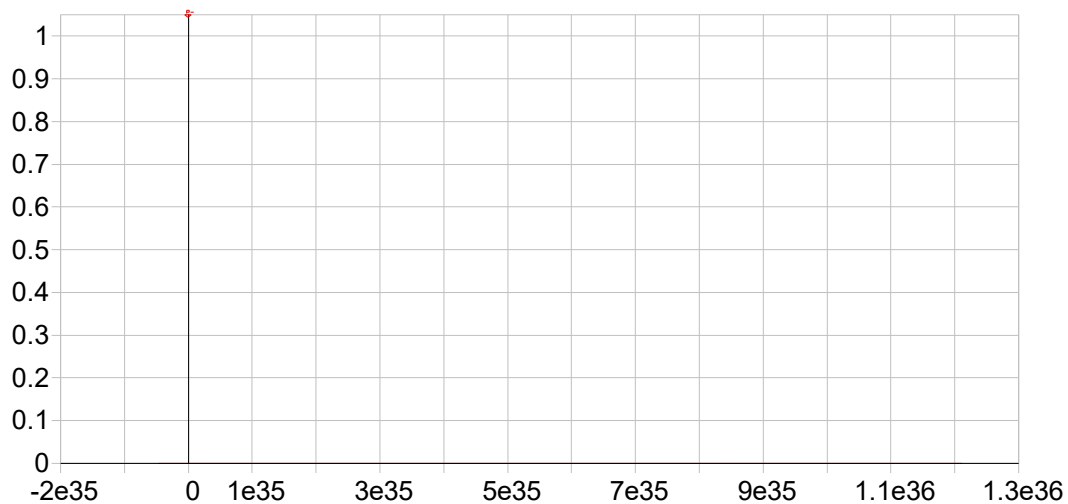


Y 224.306 {150}*

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

A0 (Offset): 0.000000 Re-Slope: 1.000000





Y 360.073 { 94}*

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

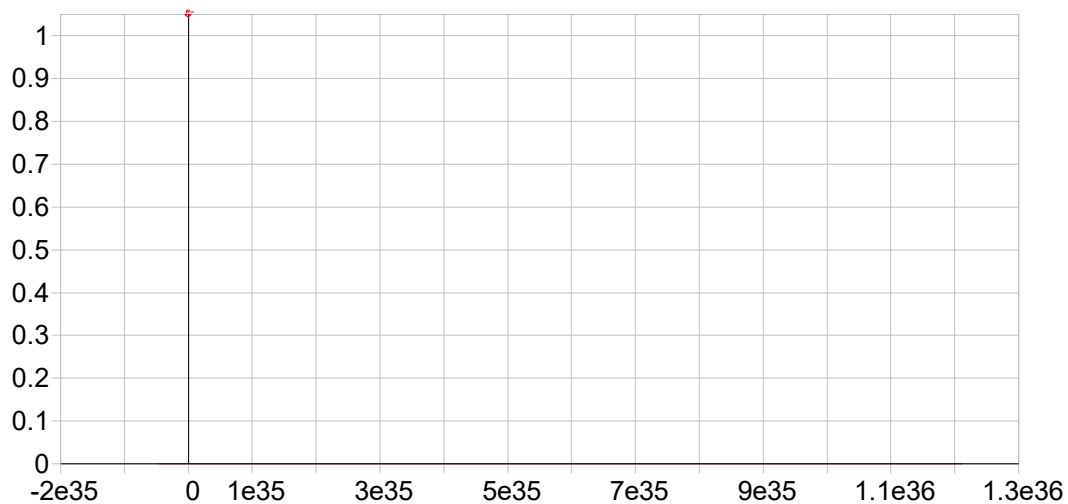
Status: Warning Zero Gain

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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Y 371.030 { 91}*

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

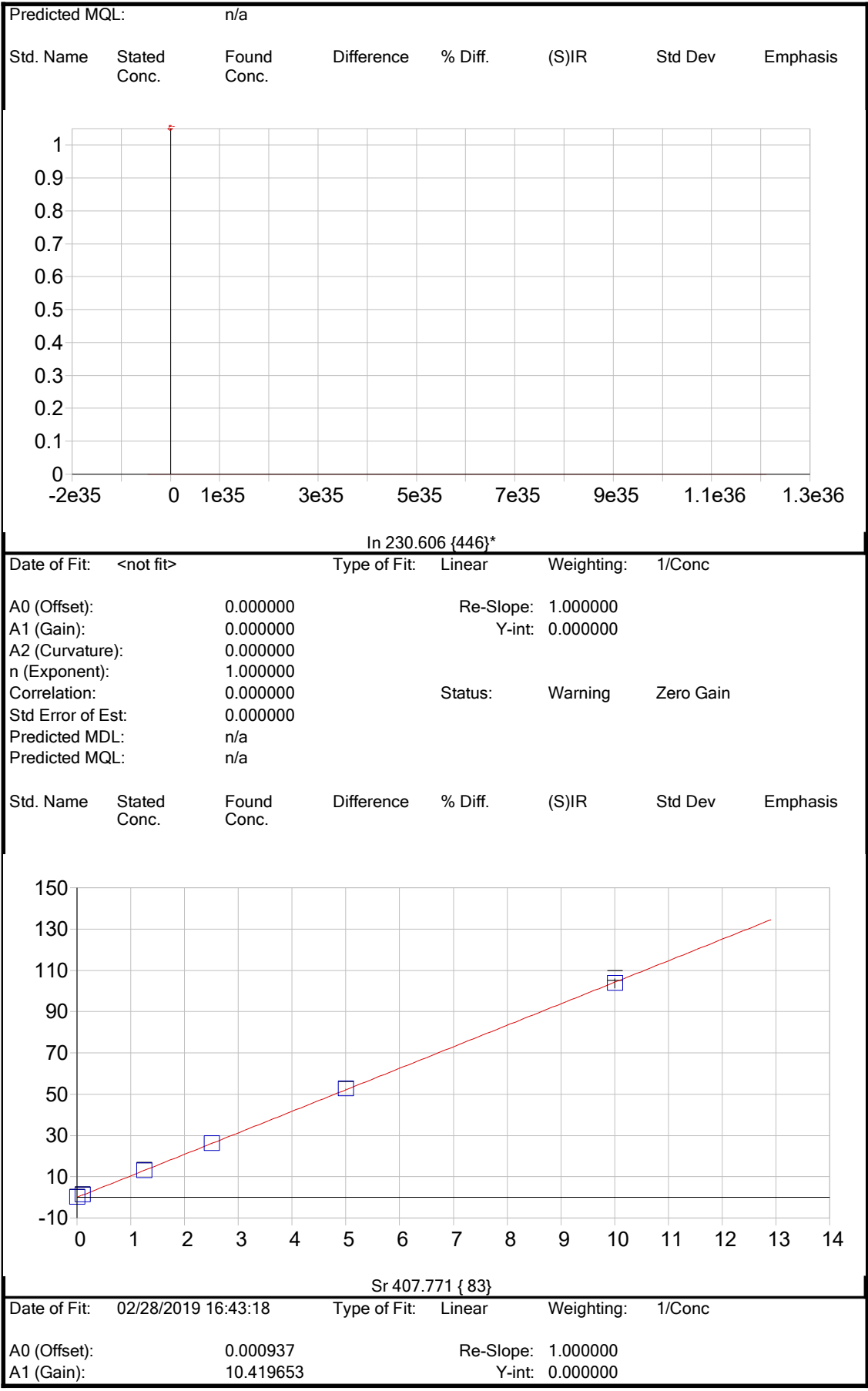
n (Exponent): 1.000000

Correlation: 0.000000

Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a



A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999970			Status:	OK.		
Std Error of Est:	0.004275						
Predicted MDL:	0.000128						
Predicted MQL:	0.000426						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00085	.002	1
S1	.10000	.10798	.008	7.98	1.1260	.008	1
S2	1.2500	1.2497	-.000	-.021	13.023	.034	1
S3	2.5000	2.5035	.003	.139	26.086	.029	1
S4	5.0000	5.0360	.036	.720	52.474	.184	1
S5	10.000	9.9528	-.047	-.472	103.71	2.31	1