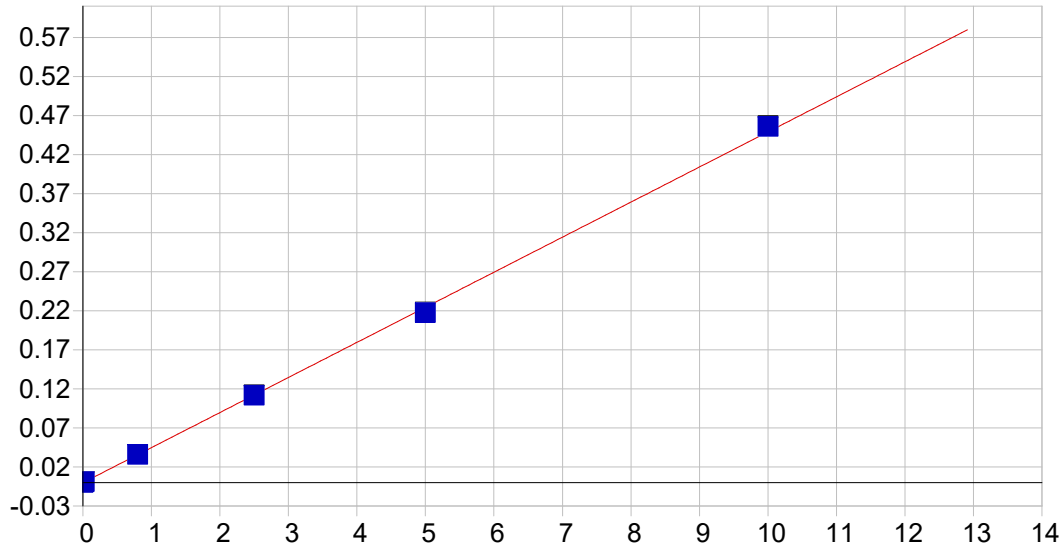
Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



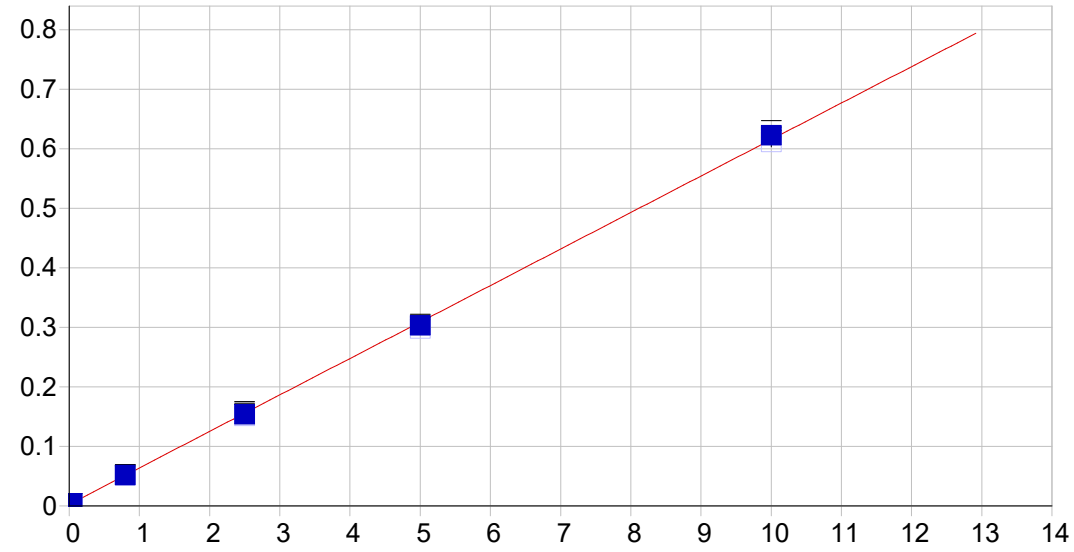
As 189.042 {479}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000114	Re-Slope:	1.000000
A1 (Gain):	0.044908	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999759	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.006062		
Predicted MQL:	0.020207		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.02000	.02594	.006	29.7	.00105	.000	1
S3	2.5000	2.4892	-.011	-.432	.11155	.000	1
S4	5.0000	4.8490	-.151	-3.02	.21741	.000	1
S5	10.000	10.157	.157	1.57	.45554	.001	1
S2	.80000	.79931	-.001	-.086	.03574	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



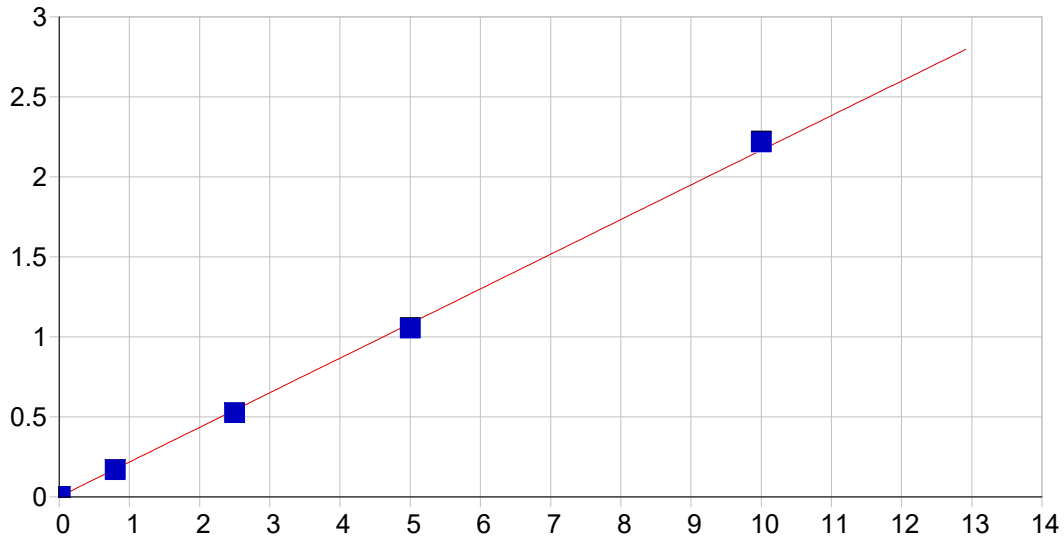
Tl 190.856 {477}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002535	Re-Slope:	1.000000
A1 (Gain):	0.061311	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.005443		
Predicted MQL:	0.018145		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00253	.000	1
S1	.04000	.04022	.000	.556	.00484	.000	1
S3	2.5000	2.4704	-.030	-1.19	.15120	.005	1
S4	5.0000	4.9100	-.090	-1.80	.29798	.002	1
S5	10.000	10.115	.115	1.15	.61154	.008	1
S2	.80000	.80404	.004	.506	.05094	.001	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



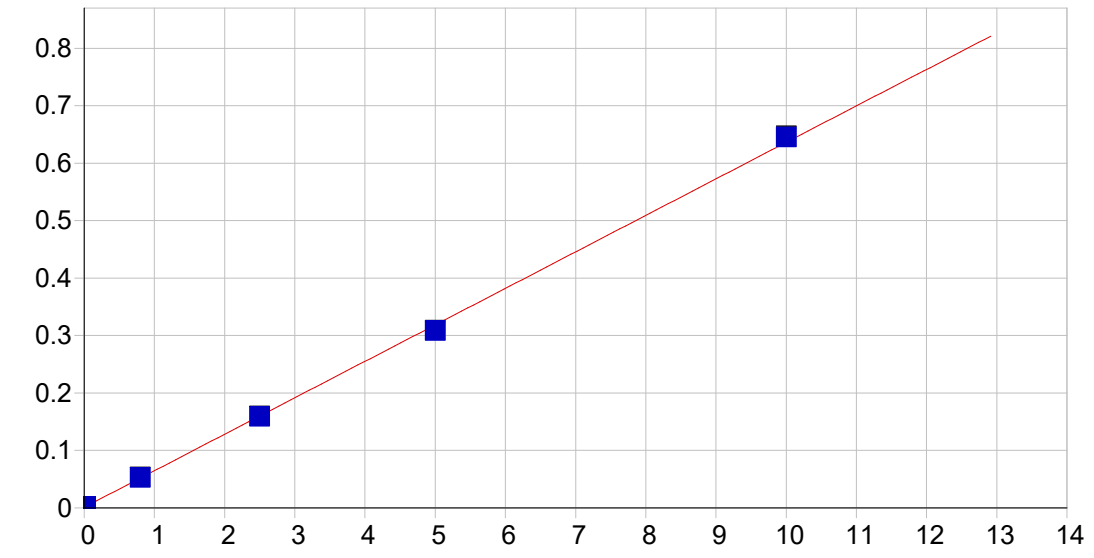
Pb 220.353 {453}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001255	Re-Slope:	1.000000
A1 (Gain):	0.216508	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999665	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.003121		
Predicted MQL:	0.010403		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00126	.000	1
S1	.01200	.01263	.001	5.21	.00394	.000	1
S3	2.5000	2.4243	-.076	-3.03	.52554	.000	1
S4	5.0000	4.8647	-.135	-2.71	1.0533	.004	1
S5	10.000	10.235	.235	2.35	2.2148	.006	1
S2	.80000	.77545	-.025	-3.07	.16895	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



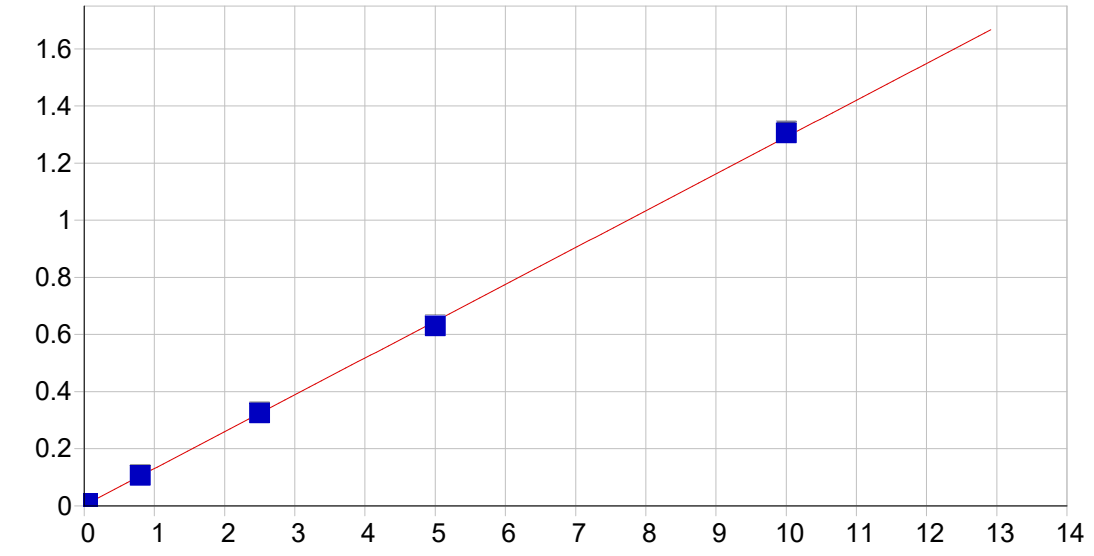
Se 196.090 {472}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001118	Re-Slope:	1.000000
A1 (Gain):	0.063503	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999764	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.006087		
Predicted MQL:	0.020291		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00112	.000	1
S1	.02000	.02445	.004	22.2	.00267	.000	1
S3	2.5000	2.4927	-.007	-.293	.15937	.000	1
S4	5.0000	4.8399	-.160	-3.20	.30838	.001	1
S5	10.000	10.144	.144	1.44	.64515	.002	1
S2	.80000	.81869	.019	2.34	.05309	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



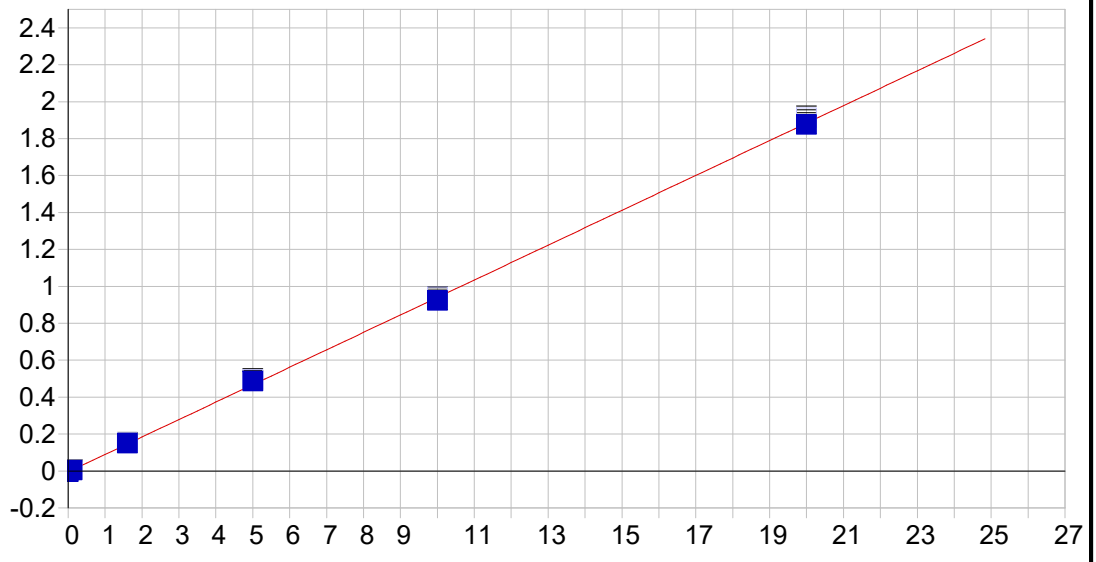
Sb 206.833 {463}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002030	Re-Slope:	1.000000
A1 (Gain):	0.128922	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.003907		
Predicted MQL:	0.013022		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00203	.000	1
S1	.05000	.05024	.000	.481	.00852	.000	1
S3	2.5000	2.5047	.005	.187	.32582	.002	1
S4	5.0000	4.8715	-.129	-2.57	.63182	.001	1
S5	10.000	10.112	.112	1.12	1.3092	.002	1
S2	.80000	.81120	.011	1.40	.10689	.001	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



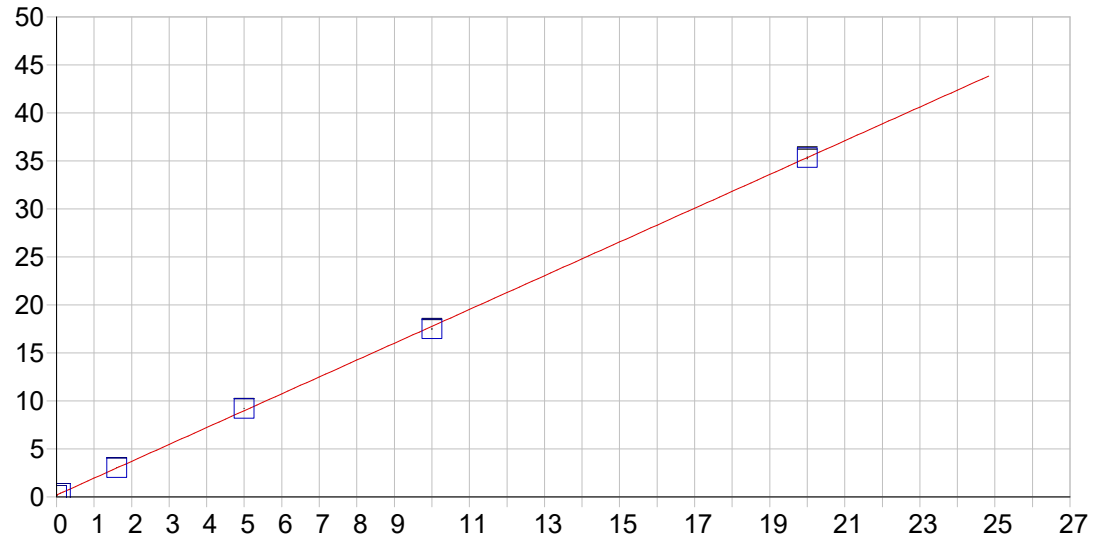
Al 396.152 { 85}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004895	Re-Slope:	1.000000
A1 (Gain):	0.094439	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999826	Status:	OK.
Std Error of Est:	0.000133		
Predicted MDL:	0.030701		
Predicted MQL:	0.102335		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00490	.003	1
S1	.10000	.10799	.008	7.99	.00604	.004	1
S3	5.0000	5.2040	.204	4.08	.49572	.004	1
S4	10.000	9.8283	-.172	-1.72	.94160	.002	1
S5	20.000	19.919	-.081	-.407	1.9128	.010	1
S2	1.6000	1.6407	.041	2.55	.15299	.002	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



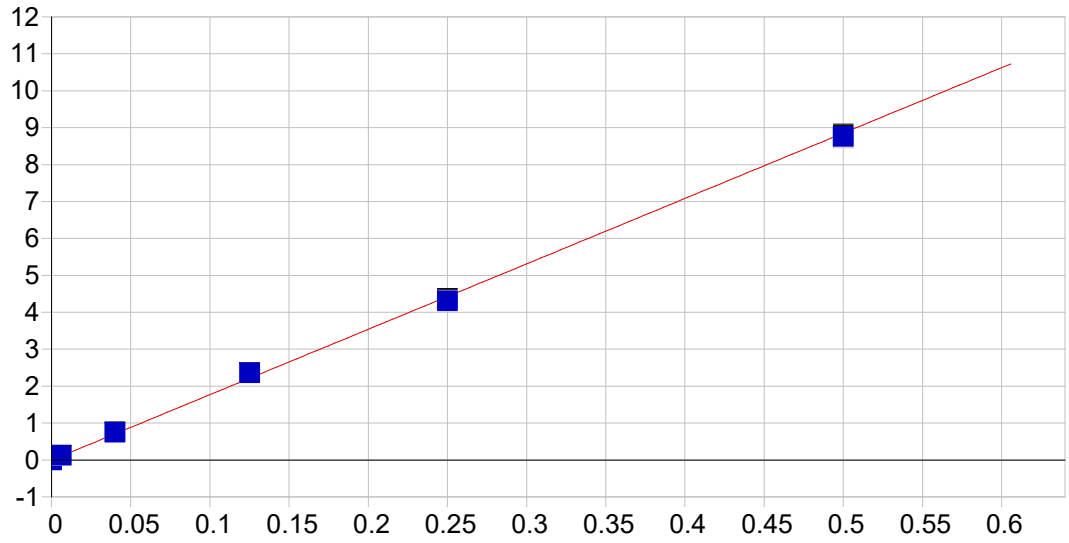
Ba 493.409 { 68}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.194063	Re-Slope:	1.000000
A1 (Gain):	1.757470	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.001874		
Predicted MDL:	0.003457		
Predicted MQL:	0.011524		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.19404	.004	1
S1	.10000	.11210	.012	12.1	.39107	.009	1
S3	5.0000	5.1314	.131	2.63	9.2123	.027	1
S4	10.000	9.8472	-.153	-1.53	17.500	.083	1
S5	20.000	19.986	-.014	-.068	35.320	.115	1
S2	1.6000	1.6229	.023	1.43	3.0463	.012	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



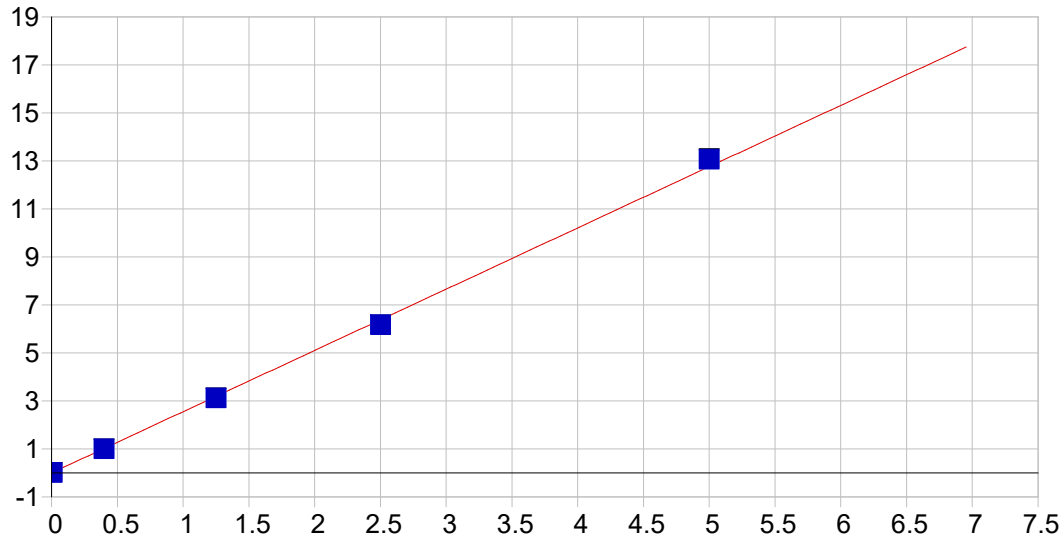
Be 234.861 {144}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002784	Re-Slope:	1.000000
A1 (Gain):	17.712843	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999385	Status:	OK.
Std Error of Est:	0.001780		
Predicted MDL:	0.000110		
Predicted MQL:	0.000368		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00281	.001	1
S1	.00600	.00708	.001	18.0	.12178	.001	1
S3	.12500	.13340	.008	6.72	2.3501	.006	1
S4	.25000	.24363	-.006	-2.55	4.2927	.061	1
S5	.50000	.49451	-.005	-1.10	8.7167	.074	1
S2	.04000	.04239	.002	5.98	.74493	.007	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



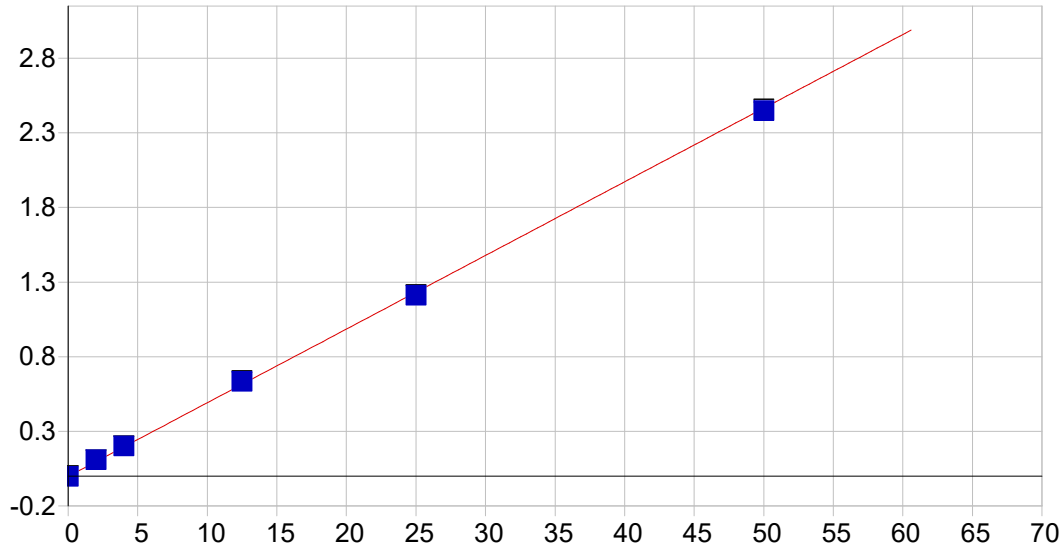
Cd 226.502 {449}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002015	Re-Slope:	1.000000
A1 (Gain):	2.552566	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000605		
Predicted MDL:	0.000186		
Predicted MQL:	0.000620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00201	.000	1
S1	.00600	.00622	.000	3.73	.01392	.000	1
S3	1.2500	1.2220	-.028	-2.24	3.1194	.005	1
S4	2.5000	2.4196	-.080	-3.22	6.1784	.007	1
S5	5.0000	5.1181	.118	2.36	13.071	.018	1
S2	.40000	.39005	-.010	-2.49	.99428	.002	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



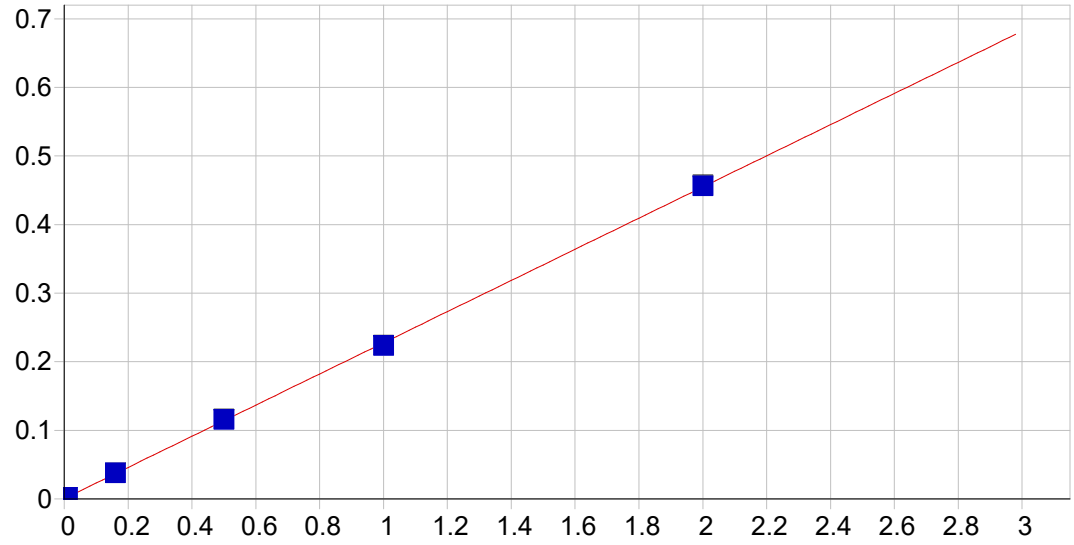
Ca 373.690 { 90}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001819	Re-Slope:	1.000000
A1 (Gain):	0.049350	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999741	Status:	OK.
Std Error of Est:	0.000594		
Predicted MDL:	0.044506		
Predicted MQL:	0.148353		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	-.000	.000	-.00183	.003	1
S2	4.0000	4.1180	.118	2.95	.20141	.002	1
S3	12.500	12.885	.385	3.08	.63408	.004	1
S4	25.000	24.600	-.400	-1.60	1.2122	.003	1
S5	50.000	49.675	-.325	-.650	2.4497	.010	1
S1	2.0000	2.2210	.221	11.1	.10779	.003	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



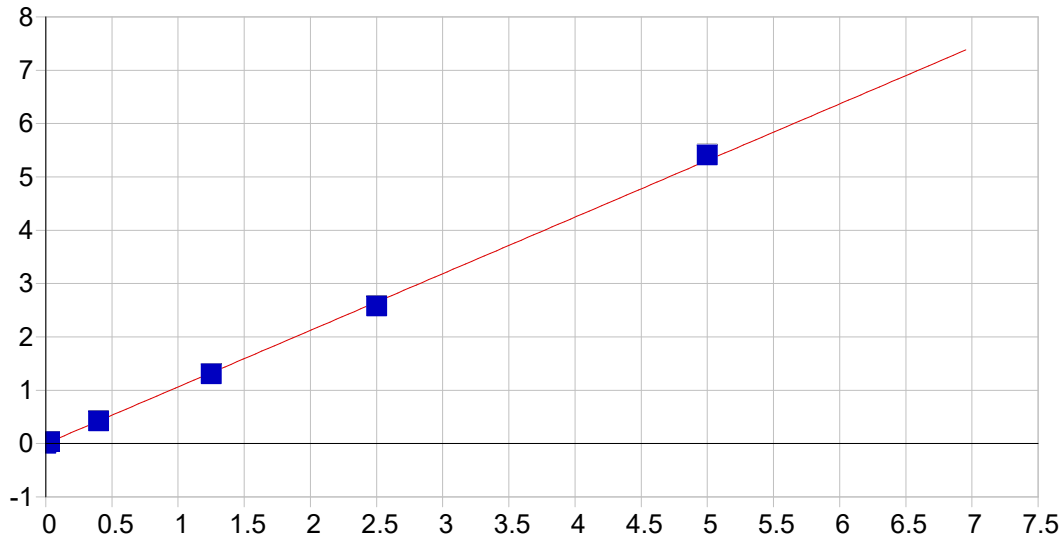
Cr 267.716 {126}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000421	Re-Slope:	1.000000
A1 (Gain):	0.227228	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.000960		
Predicted MQL:	0.003201		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01000	.01046	.000	4.57	.00280	.000	1
S3	.50000	.50745	.007	1.49	.11582	.000	1
S4	1.0000	.98101	-.019	-1.90	.22352	.001	1
S5	2.0000	2.0056	.006	.282	.45652	.001	1
S2	.16000	.16544	.005	3.40	.03804	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



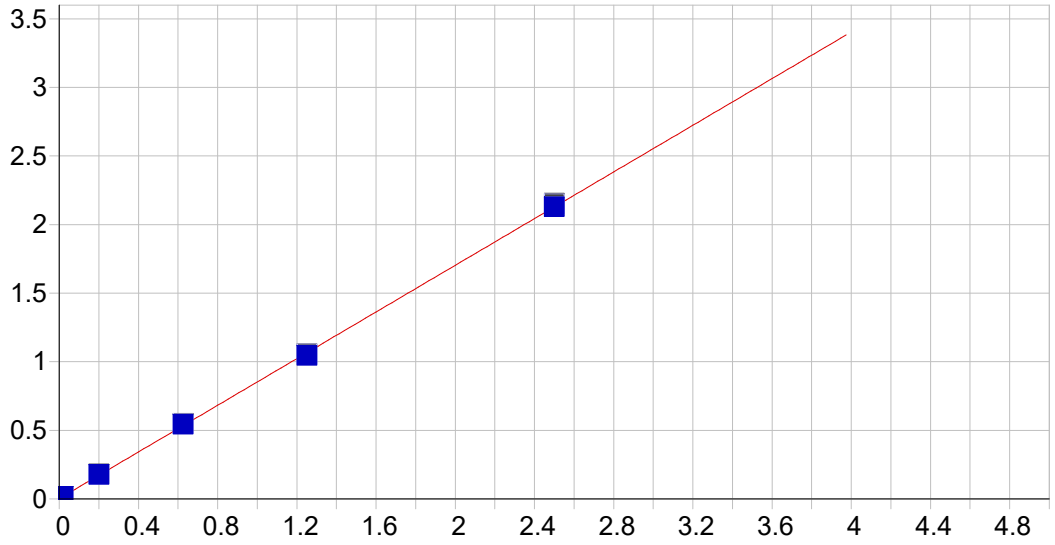
Co 228.616 {448}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000199	Re-Slope:	1.000000
A1 (Gain):	1.061420	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999753	Status:	OK.
Std Error of Est:	0.000480		
Predicted MDL:	0.000414		
Predicted MQL:	0.001382		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.03000	.03155	.002	5.15	.03355	.000	1
S3	1.2500	1.2309	-.019	-1.53	1.3090	.001	1
S4	2.5000	2.4256	-.074	-2.98	2.5793	.002	1
S5	5.0000	5.0973	.097	1.95	5.4196	.004	1
S2	.40000	.39460	-.005	-1.35	.41976	.002	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



Cu 224.700 {450}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002184	Re-Slope:	1.000000
A1 (Gain):	0.850663	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000157		
Predicted MDL:	0.000885		
Predicted MQL:	0.002949		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00218	.001	1
S1	.02000	.02238	.002	11.9	.02143	.001	1
S3	.62500	.63617	.011	1.79	.54834	.002	1
S4	1.2500	1.2270	-.023	-1.84	1.0559	.001	1
S5	2.5000	2.5027	.003	.107	2.1510	.005	1
S2	.20000	.20676	.007	3.38	.17966	.001	1

Reviewed By:jaswal
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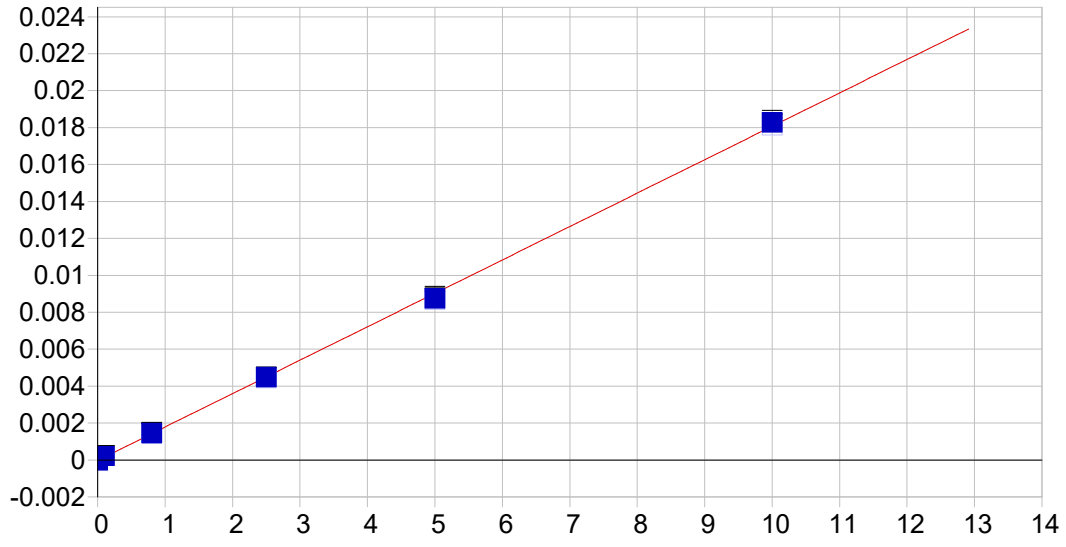
10:25:25 PM
Inst Id :P4
LB :LB137841



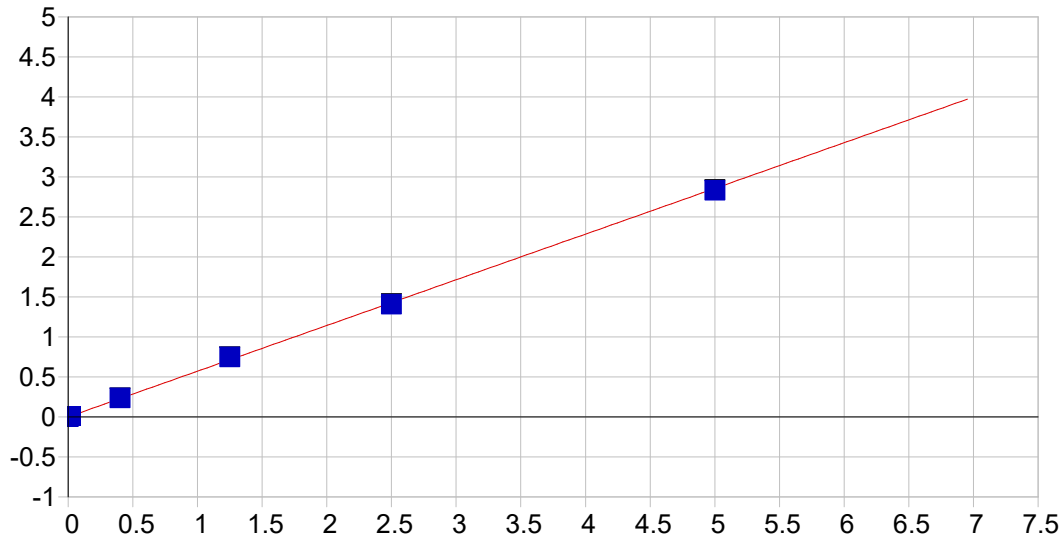
Fe 240.488 {140}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000026	Re-Slope:	1.000000
A1 (Gain):	0.001810	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999502	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.033160		
Predicted MQL:	0.110532		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00003	.000	1
S1	.10000	.13455	.035	34.6	.00022	.000	1
S3	2.5000	2.4874	-.013	-.506	.00444	.000	1
S4	5.0000	4.8509	-.149	-2.98	.00867	.000	1
S5	10.000	10.111	.111	1.11	.01812	.000	1
S2	.80000	.81672	.017	2.09	.00144	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



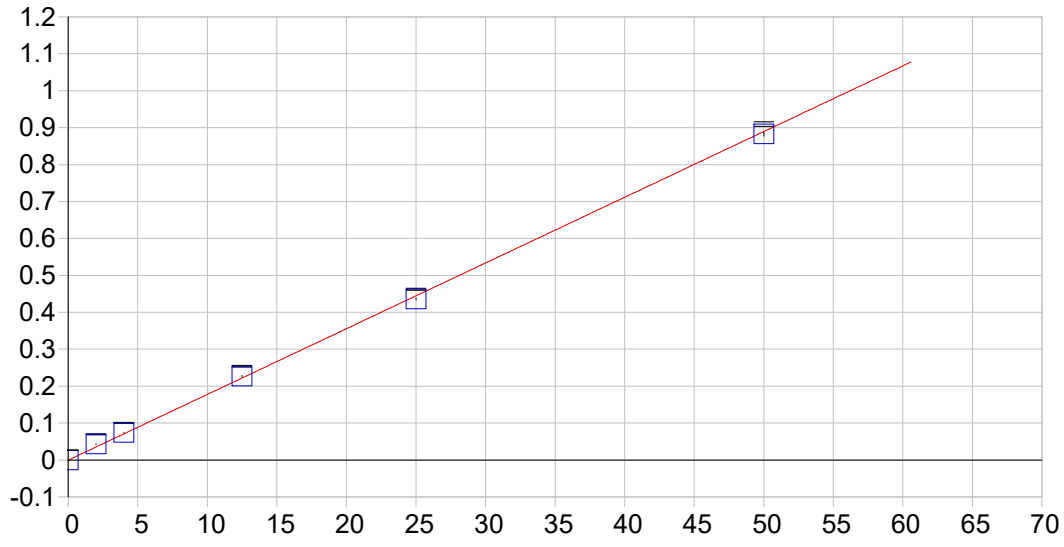
Mn 257.610 {131}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000266	Re-Slope:	1.000000
A1 (Gain):	0.571187	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999758	Status:	OK.
Std Error of Est:	0.000209		
Predicted MDL:	0.001511		
Predicted MQL:	0.005036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.001	1
S1	.02000	.02205	.002	10.2	.01286	.001	1
S3	1.2500	1.3112	.061	4.90	.74937	.002	1
S4	2.5000	2.4643	-.036	-1.43	1.4081	.009	1
S5	5.0000	4.9597	-.040	-.806	2.8338	.006	1
S2	.40000	.41274	.013	3.18	.23606	.002	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



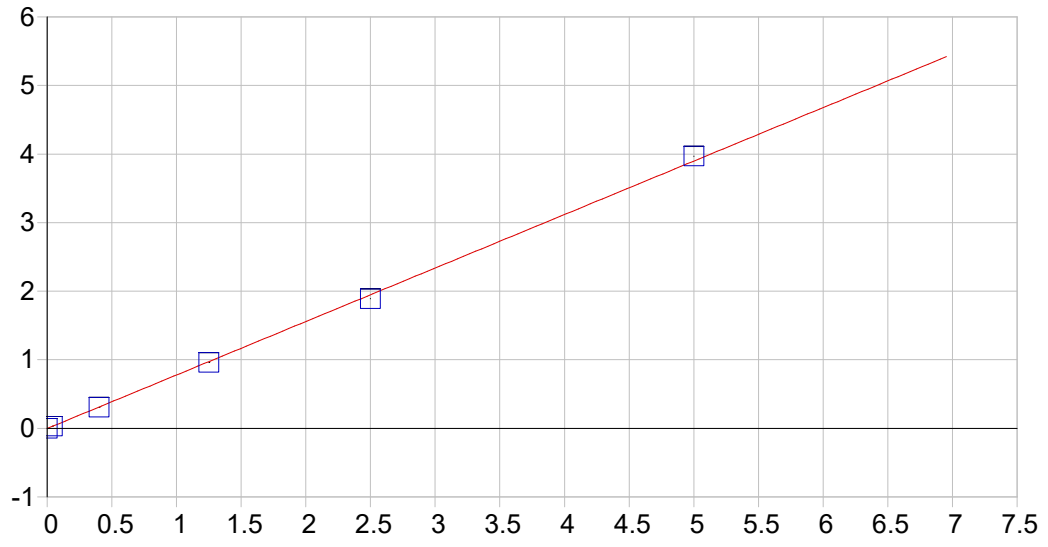
Mg 279.079 {121}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000411	Re-Slope:	1.000000
A1 (Gain):	0.017797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999398	Status:	OK.
Std Error of Est:	0.000327		
Predicted MDL:	0.063546		
Predicted MQL:	0.211819		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	-.000	.000	-.00042	.001	1
S2	4.0000	4.1702	.170	4.26	.07381	.001	1
S3	12.500	12.787	.287	2.29	.22715	.002	1
S4	25.000	24.508	-.492	-1.97	.43575	.003	1
S5	50.000	49.620	-.380	-.760	.88268	.006	1
S1	2.0000	2.4151	.415	20.8	.04257	.001	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



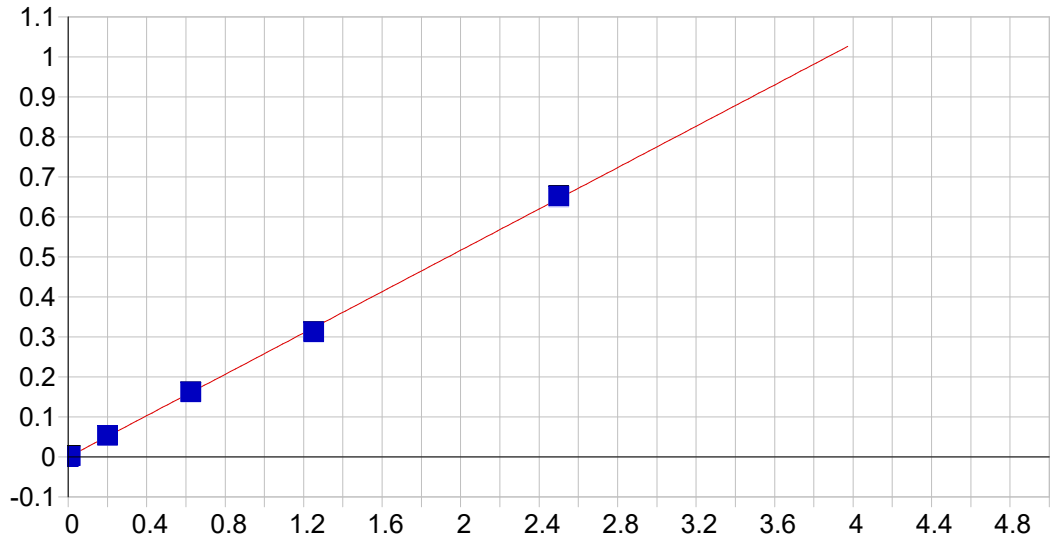
Ni 231.604 {446}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001924	Re-Slope:	1.000000
A1 (Gain):	0.779865	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.000393		
Predicted MDL:	0.000632		
Predicted MQL:	0.002107		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00192	.001	1
S1	.04000	.04228	.002	5.69	.03105	.001	1
S3	1.2500	1.2330	-.017	-1.36	.95968	.002	1
S4	2.5000	2.4255	-.074	-2.98	1.8897	.003	1
S5	5.0000	5.0911	.091	1.82	3.9685	.003	1
S2	.40000	.39804	-.002	-.491	.30849	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



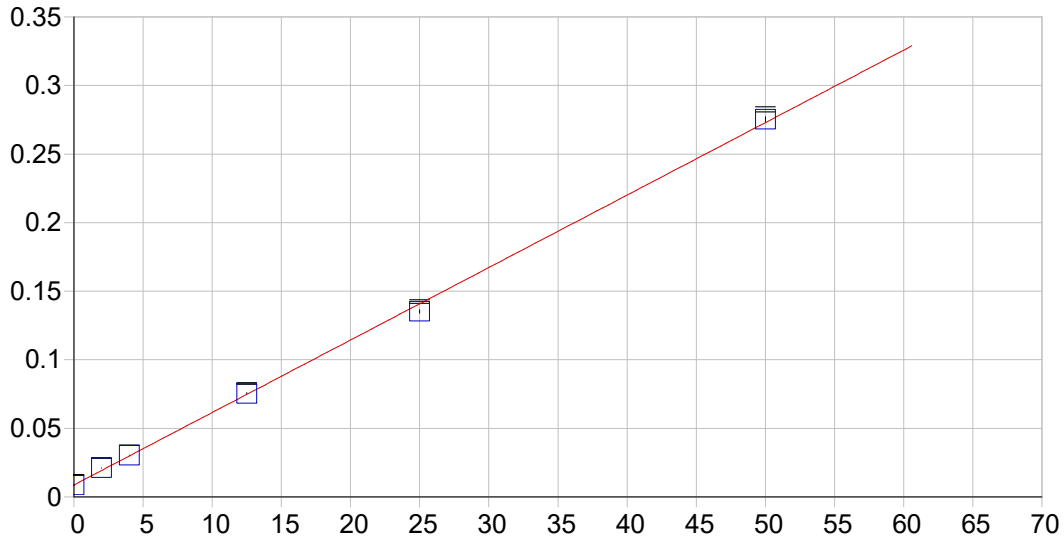
Ag 328.068 {103}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000316	Re-Slope:	1.000000
A1 (Gain):	0.258418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001416		
Predicted MQL:	0.004719		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.01000	.01181	.002	18.1	.00271	.000	1
S3	.62500	.62902	.004	.643	.16145	.000	1
S4	1.2500	1.2110	-.039	-3.12	.31106	.000	1
S5	2.5000	2.5241	.024	.965	.64883	.002	1
S2	.20000	.20906	.009	4.53	.05346	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



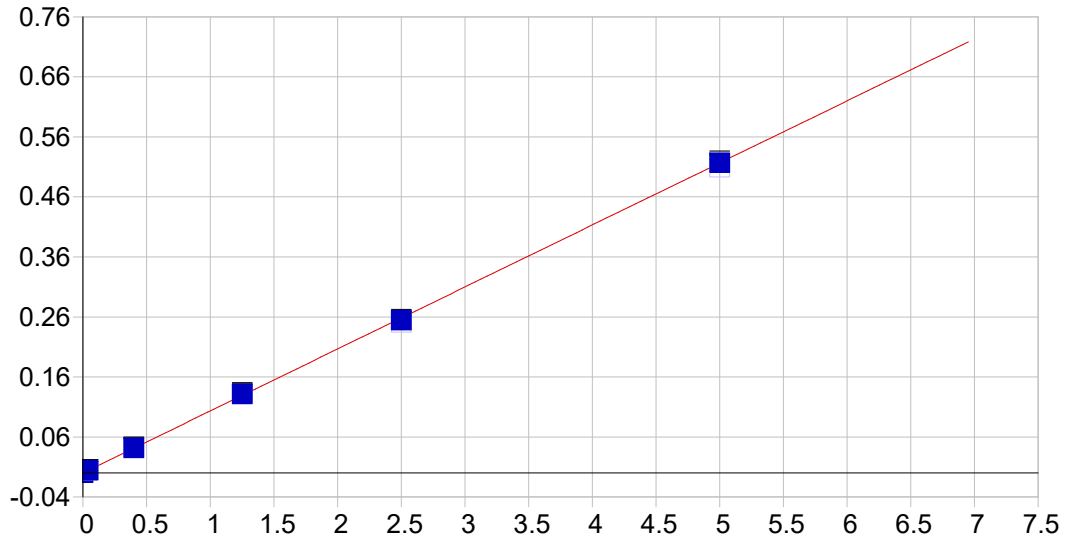
Na 589.592 { 57}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008720	Re-Slope:	1.000000
A1 (Gain):	0.005284	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999393	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.081289		
Predicted MQL:	0.270964		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00036	-.000	.000	.00872	.000	1
S2	4.0000	4.1098	.110	2.74	.03044	.000	1
S3	12.500	12.634	.134	1.07	.07548	.001	1
S4	25.000	23.950	-1.05	-4.20	.13528	.001	1
S5	50.000	50.457	.457	.914	.27534	.002	1
S1	2.0000	2.3486	.349	17.4	.02113	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



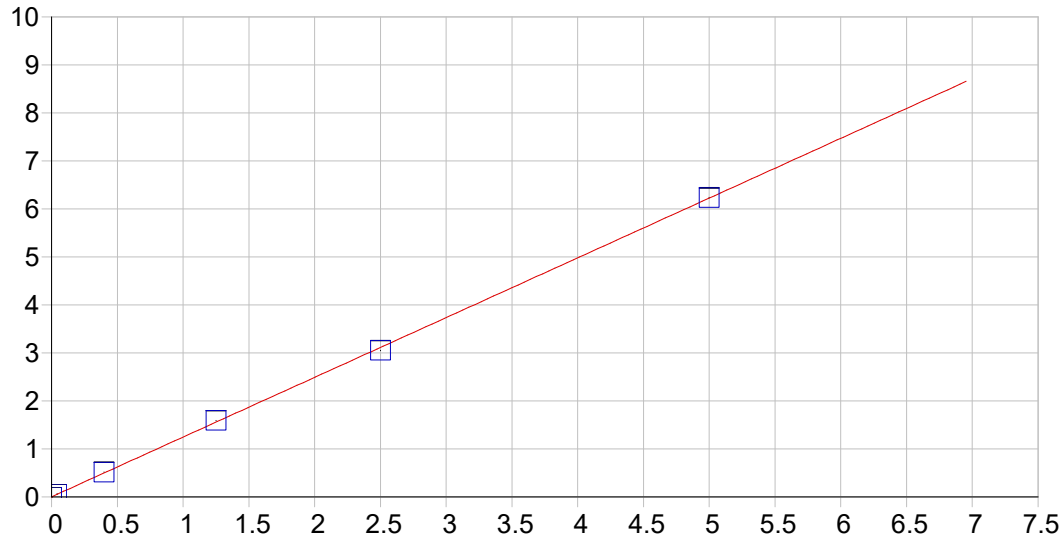
V 292.402 {115}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000160	Re-Slope:	1.000000
A1 (Gain):	0.103373	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999922	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.011559		
Predicted MQL:	0.038529		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.001	1
S1	.04000	.04254	.003	6.35	.00408	.001	1
S3	1.2500	1.2770	.027	2.16	.12997	.002	1
S4	2.5000	2.4627	-.037	-1.49	.25065	.002	1
S5	5.0000	5.0017	.002	.034	.50934	.003	1
S2	.40000	.40610	.006	1.52	.04122	.001	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



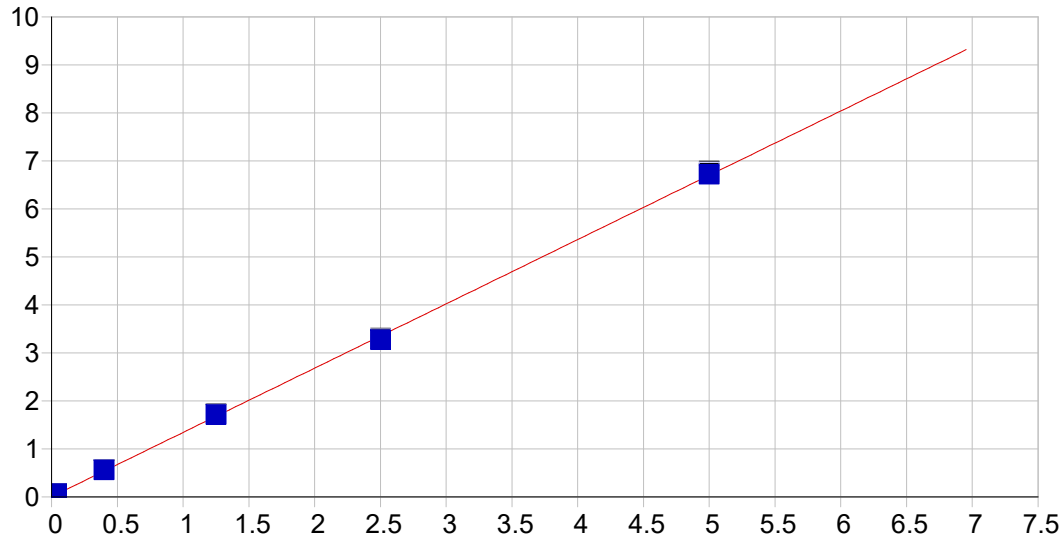
Zn 206.200 {464}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001607	Re-Slope:	1.000000
A1 (Gain):	1.244787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999860	Status:	OK.
Std Error of Est:	0.000489		
Predicted MDL:	0.000330		
Predicted MQL:	0.001101		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00160	.000	1
S1	.04000	.04484	.005	12.1	.05742	.000	1
S3	1.2500	1.2764	.026	2.11	1.5904	.005	1
S4	2.5000	2.4503	-.050	-1.99	3.0517	.002	1
S5	5.0000	5.0052	.005	.104	6.2320	.008	1
S2	.40000	.41327	.013	3.32	.51605	.001	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



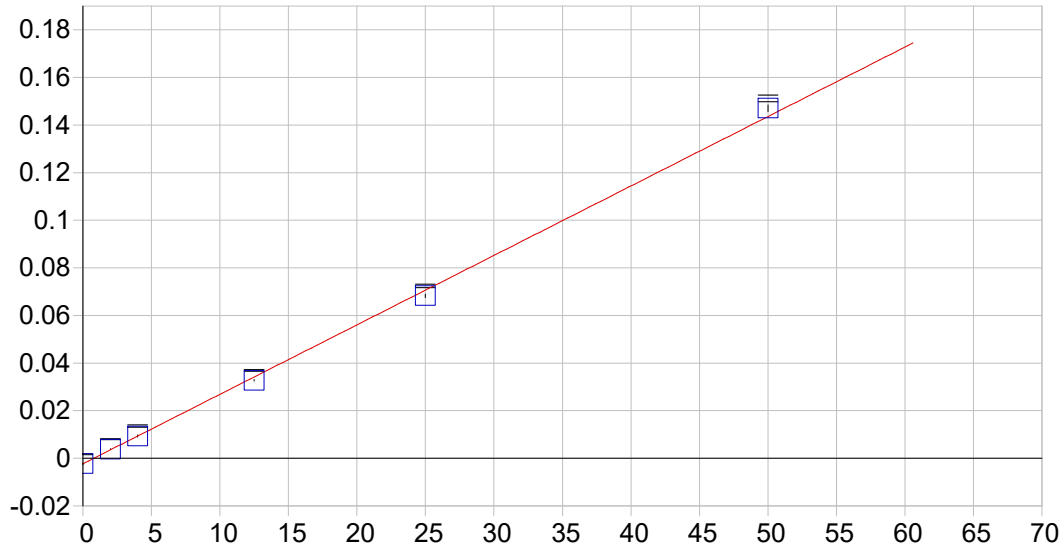
Zn 213.856 {158}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003838	Re-Slope:	1.000000
A1 (Gain):	1.339373	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999818	Status:	OK.
Std Error of Est:	0.000604		
Predicted MDL:	0.000716		
Predicted MQL:	0.002387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00383	.001	1
S1	.04000	.04508	.005	12.7	.06459	.001	1
S3	1.2500	1.2784	.028	2.27	1.7277	.002	1
S4	2.5000	2.4388	-.061	-2.45	3.2936	.012	1
S5	5.0000	5.0127	.013	.254	6.7643	.024	1
S2	.40000	.41507	.015	3.77	.56350	.002	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



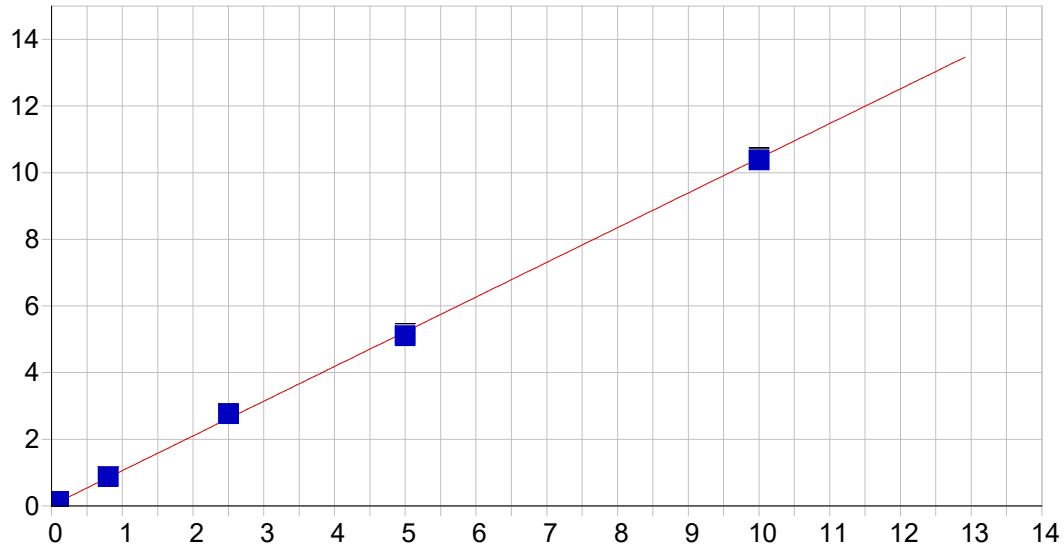
K 766.490 { 44}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002310	Re-Slope:	1.000000
A1 (Gain):	0.002918	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999576	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.179001		
Predicted MQL:	0.596670		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00231	.000	1
S2	4.0000	3.9951	-.005	-.122	.00935	.000	1
S3	12.500	12.008	-.492	-3.93	.03273	.000	1
S4	25.000	24.200	-.800	-3.20	.06831	.001	1
S5	50.000	51.185	1.19	2.37	.14705	.001	1
S1	2.0000	2.1117	.112	5.59	.00385	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



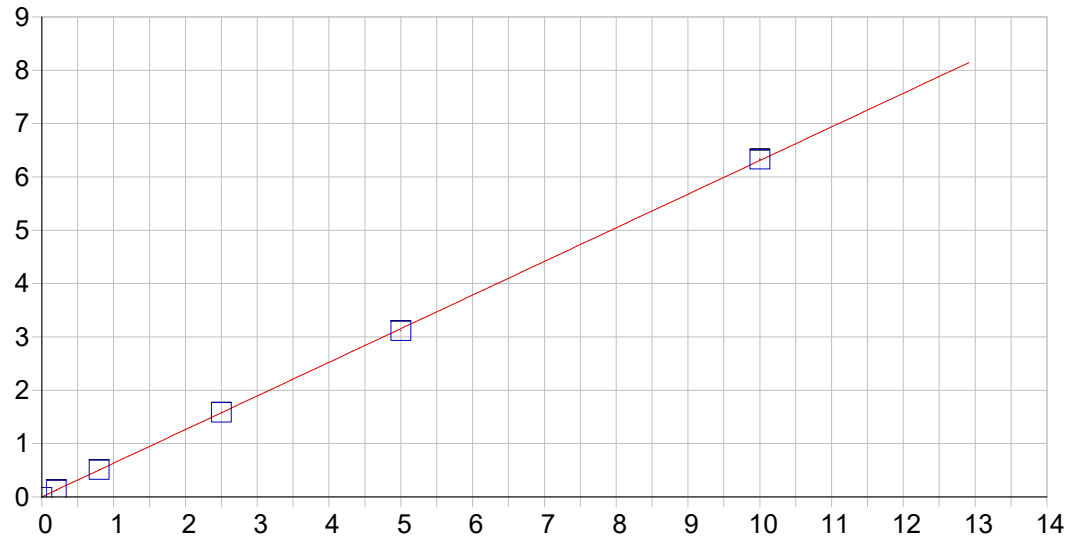
B 249.678 {135}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.018009	Re-Slope:	1.000000
A1 (Gain):	1.041563	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999654	Status:	OK.
Std Error of Est:	0.001434		
Predicted MDL:	0.001906		
Predicted MQL:	0.006352		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01799	.001	1
S1	.10000	.11292	.013	12.9	.13501	.002	1
S3	2.5000	2.6348	.135	5.39	2.7529	.009	1
S4	5.0000	4.8834	-.117	-2.33	5.0856	.076	1
S5	10.000	9.9454	-.055	-.546	10.339	.079	1
S2	.80000	.82358	.024	2.95	.87281	.007	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



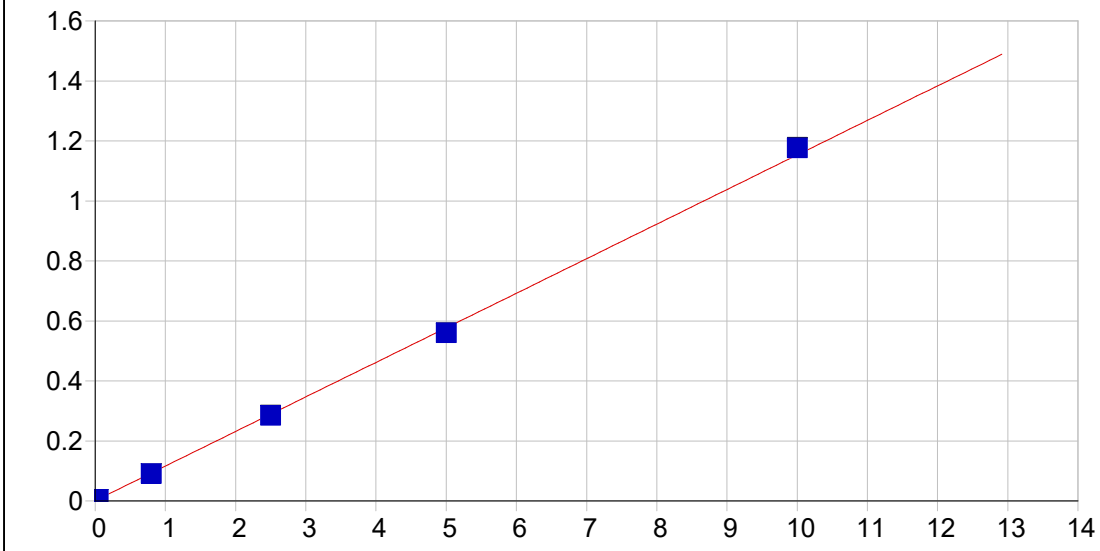
Mo 202.030 {467}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001360	Re-Slope:	1.000000
A1 (Gain):	0.630580	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000387		
Predicted MDL:	0.000674		
Predicted MQL:	0.002246		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.20000	.20668	.007	3.34	.13169	.000	1
S3	2.5000	2.5128	.013	.514	1.5859	.003	1
S4	5.0000	4.9377	-.062	-1.25	3.1150	.004	1
S5	10.000	10.036	.036	.355	6.3296	.012	1
S2	.80000	.80727	.007	.909	.51041	.001	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



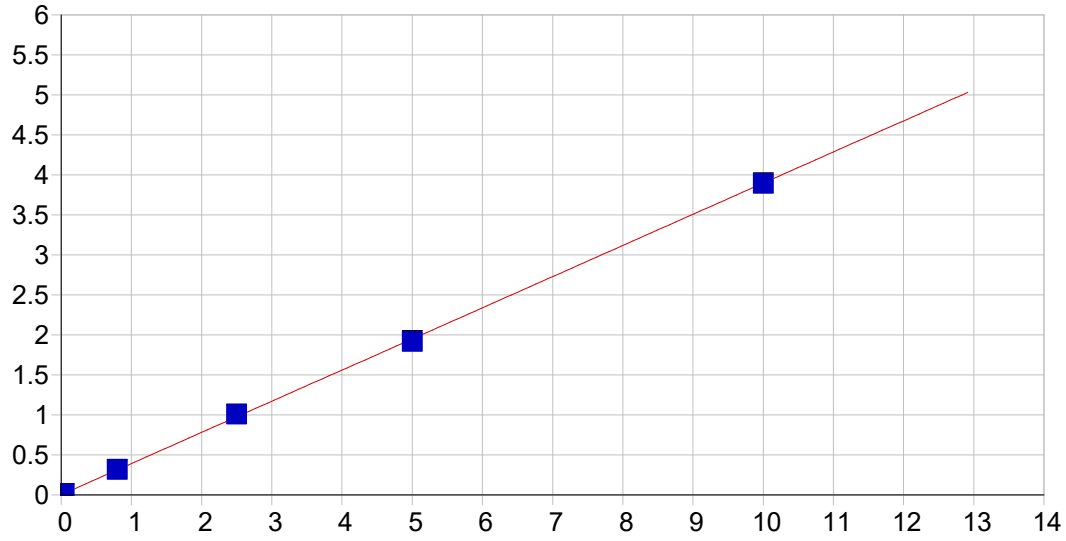
Sn 189.989 {478}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000965	Re-Slope:	1.000000
A1 (Gain):	0.115202	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999741	Status:	OK.
Std Error of Est:	0.000087		
Predicted MDL:	0.001617		
Predicted MQL:	0.005389		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.04000	.03895	-.001	-2.62	.00545	.000	1
S3	2.5000	2.4643	-.036	-1.43	.28456	.001	1
S4	5.0000	4.8543	-.146	-2.91	.55960	.001	1
S5	10.000	10.204	.204	2.04	1.1753	.002	1
S2	.80000	.77885	-.021	-2.64	.09060	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



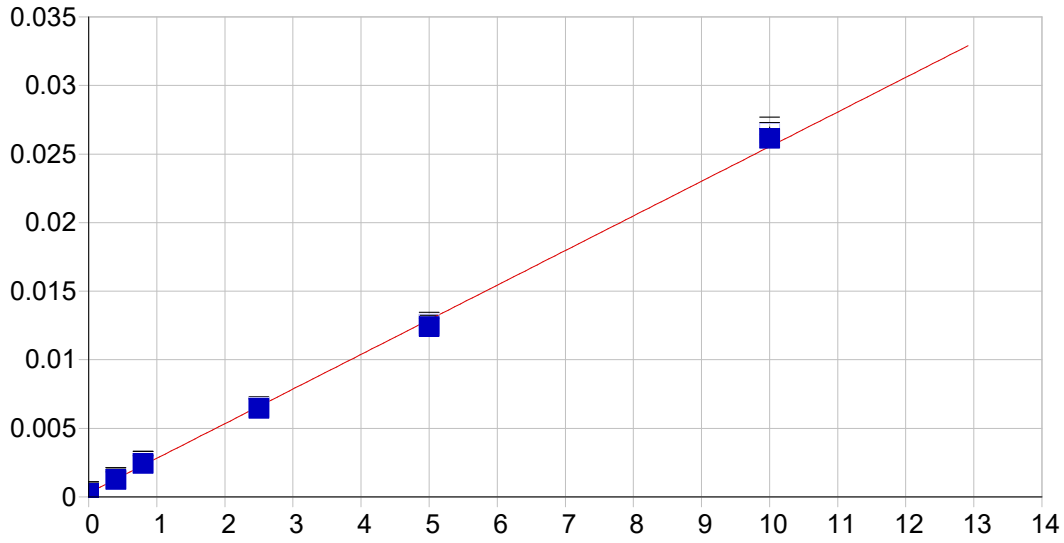
Ti 336.121 {100}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002276	Re-Slope:	1.000000
A1 (Gain):	0.389450	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000204		
Predicted MDL:	0.004490		
Predicted MQL:	0.014966		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00227	.002	1
S1	.04000	.04306	.003	7.65	.01903	.001	1
S3	2.5000	2.5847	.085	3.39	1.0085	.001	1
S4	5.0000	4.9158	-.084	-1.68	1.9160	.013	1
S5	10.000	9.9894	-.011	-.106	3.8912	.007	1
S2	.80000	.80709	.007	.887	.31649	.005	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



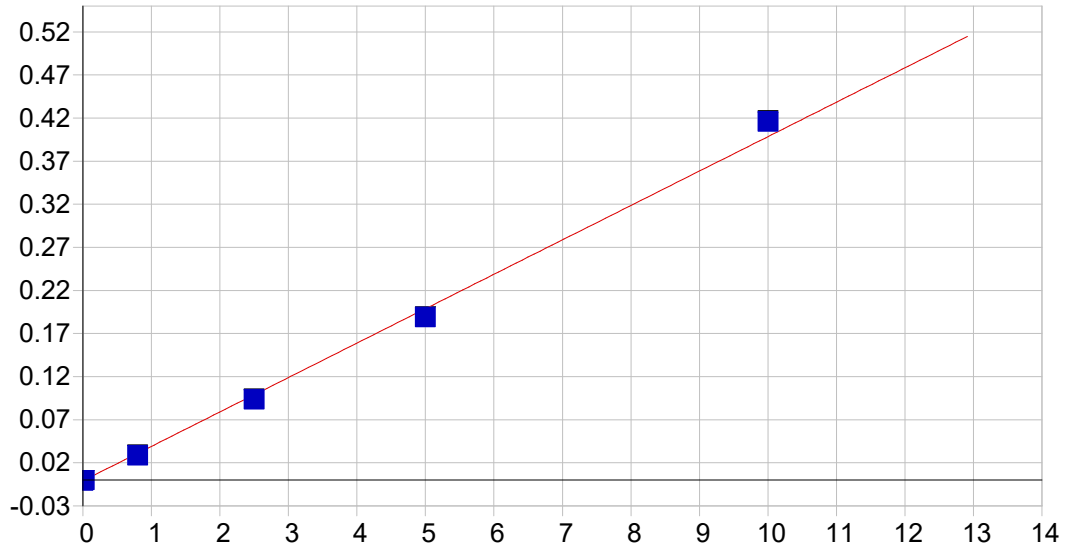
Si 288.158 {117}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000288	Re-Slope:	1.000000
A1 (Gain):	0.002525	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999526	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.046008		
Predicted MQL:	0.153361		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.40000	.38213	-.018	-4.47	.00125	.000	1
S3	2.5000	2.4351	-.065	-2.60	.00653	.000	1
S4	5.0000	4.8028	-.197	-3.94	.01261	.000	1
S5	10.000	10.236	.236	2.36	.02651	.000	1
S2	.80000	.84414	.044	5.52	.00245	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



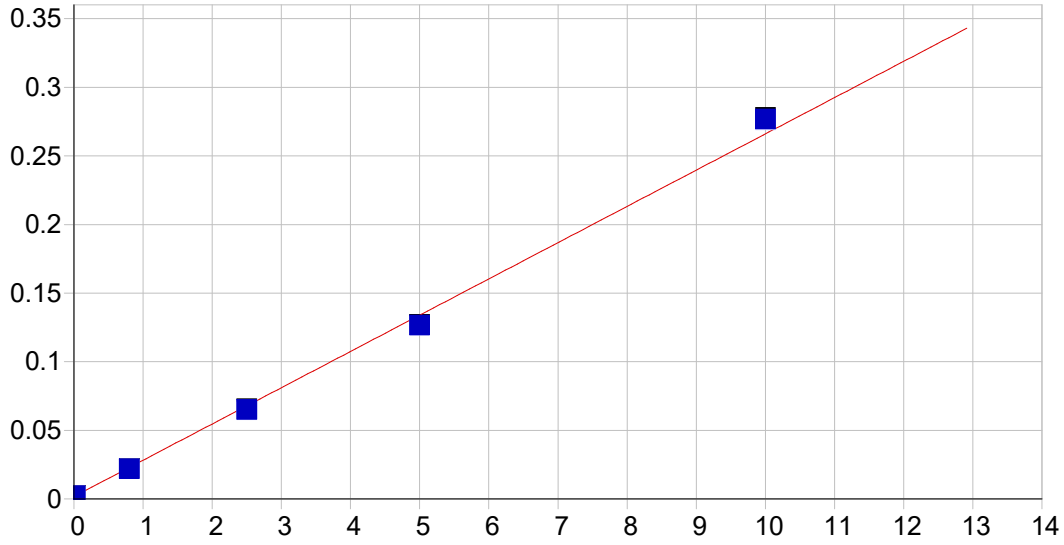
P 177.495 {490}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000834	Re-Slope:	1.000000
A1 (Gain):	0.039934	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998833	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.003752		
Predicted MQL:	0.012508		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00083	.000	1
S1	.02000	.01853	-.001	-7.34	-.00009	.000	1
S3	2.5000	2.3618	-.138	-5.53	.09347	.000	1
S4	5.0000	4.7576	-.242	-4.85	.18912	.001	1
S5	10.000	10.439	.439	4.39	.41597	.001	1
S2	.80000	.74306	-.057	-7.12	.02883	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



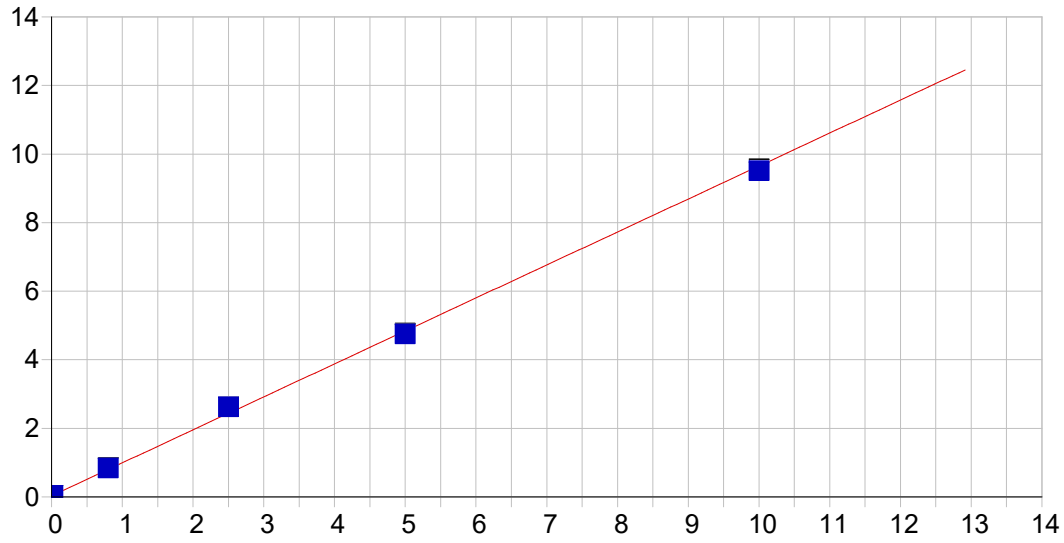
S 182.034 {485}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001762	Re-Slope:	1.000000
A1 (Gain):	0.026431	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998959	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.006776		
Predicted MQL:	0.022588		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00176	.000	1
S1	.02000	.02256	.003	12.8	.00234	.000	1
S3	2.5000	2.3918	-.108	-4.33	.06481	.001	1
S4	5.0000	4.7289	-.271	-5.42	.12641	.000	1
S5	10.000	10.411	.411	4.11	.27624	.001	1
S2	.80000	.76605	-.034	-4.24	.02195	.000	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



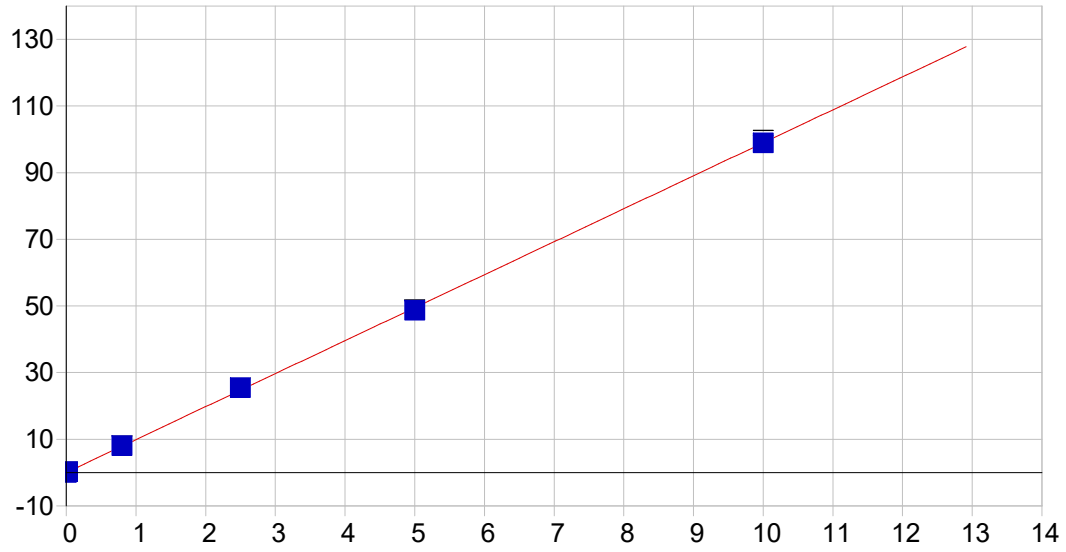
Li 670.784 { 50}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.032142	Re-Slope:	1.000000
A1 (Gain):	0.961849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999408	Status:	OK.
Std Error of Est:	0.000777		
Predicted MDL:	0.005421		
Predicted MQL:	0.018069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03214	.008	1
S5	10.000	9.8544	-.146	-1.46	9.5183	.046	1
S4	5.0000	4.9052	-.095	-1.90	4.7541	.021	1
S3	2.5000	2.6975	.197	7.90	2.6286	.007	1
S1	.02000	.02104	.001	5.19	.05271	.005	1
S2	.80000	.84185	.042	5.23	.84249	.004	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841



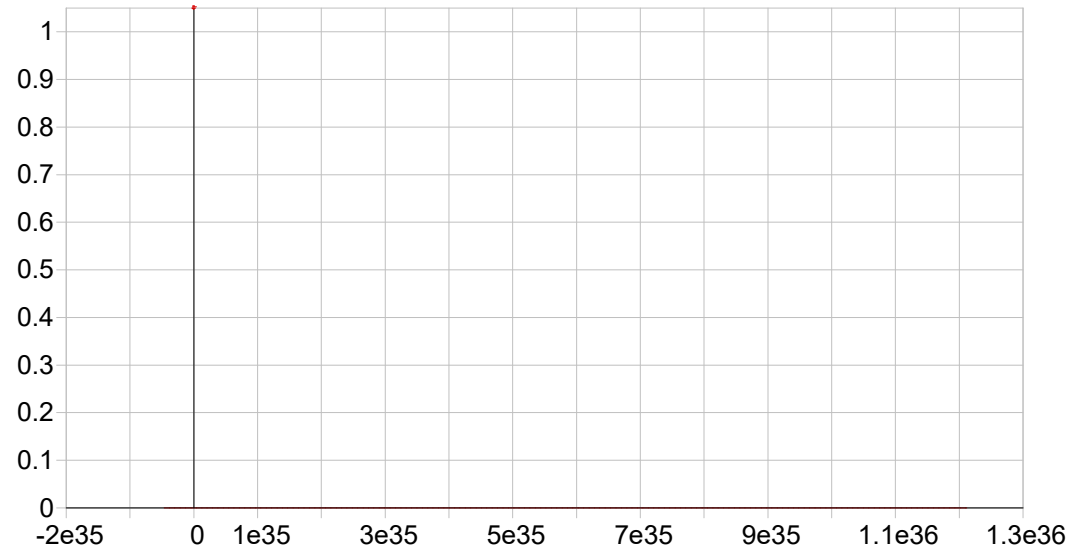
Sr 407.771 { 83}

Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001752	Re-Slope:	1.000000
A1 (Gain):	9.896259	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.003474		
Predicted MDL:	0.000302		
Predicted MQL:	0.001007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00179	.004	1
S1	.02000	.02320	.003	16.0	.22881	.001	1
S3	2.5000	2.5748	.075	2.99	25.503	.074	1
S4	5.0000	4.9220	-.078	-1.56	48.755	.252	1
S5	10.000	9.9897	-.010	-.103	98.954	.763	1
S2	.80000	.81025	.010	1.28	8.0243	.017	1

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841

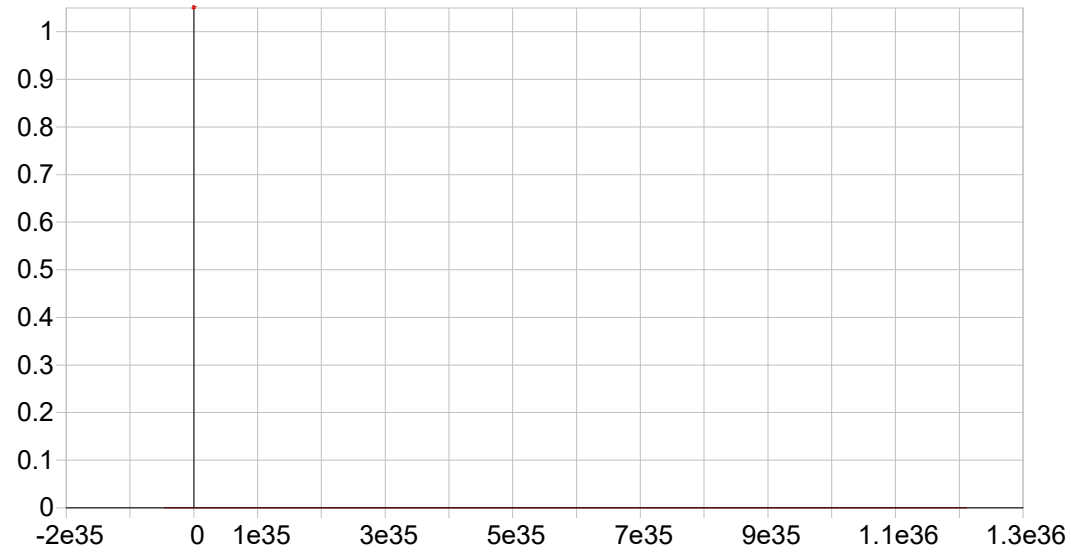


Y 224.306 {450}*

Date of Fit:	11/10/2025 11:51:50	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



Y 360.073 { 94}*

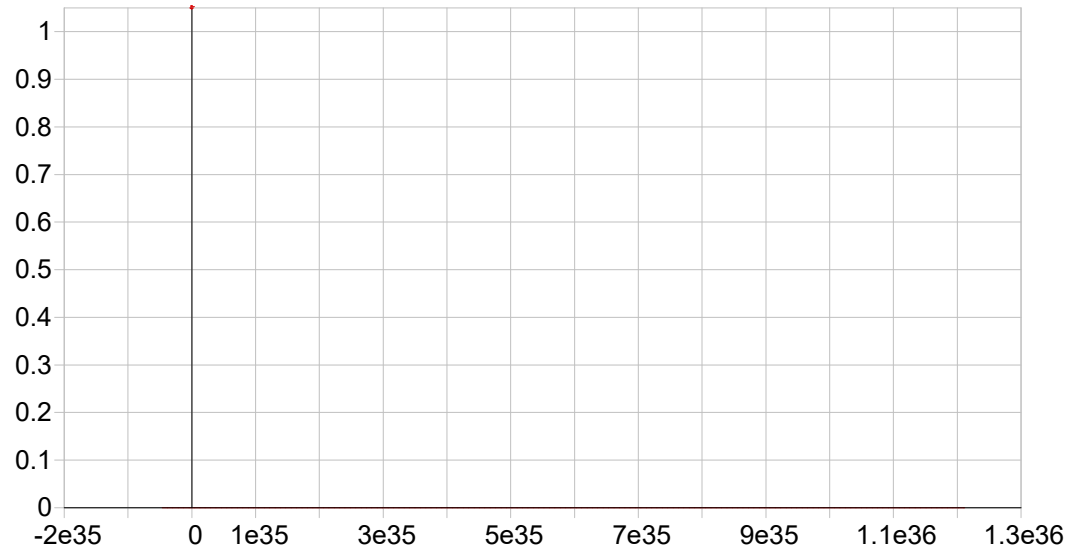
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841

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



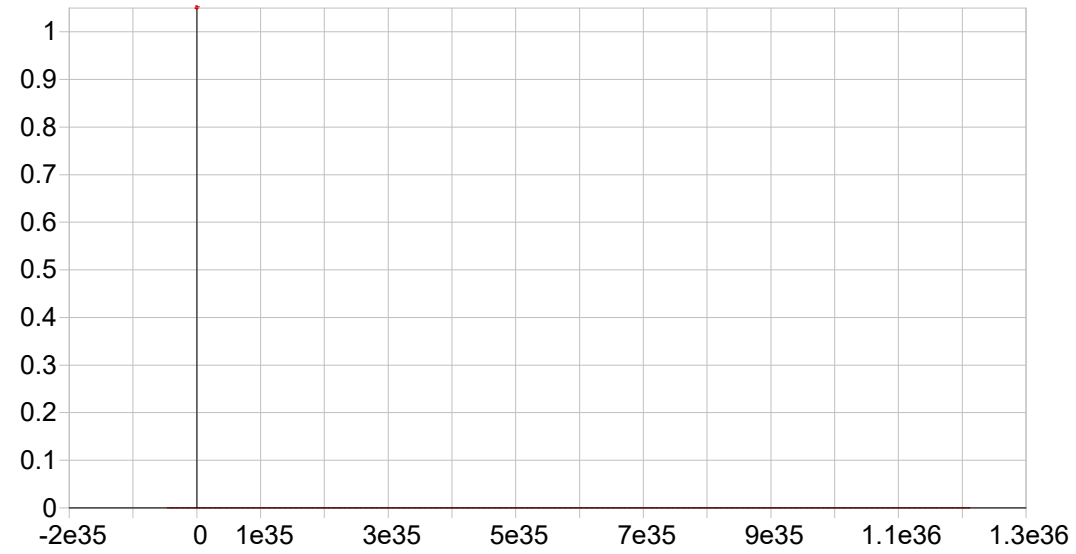
Y 371.030 { 91}*

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		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841

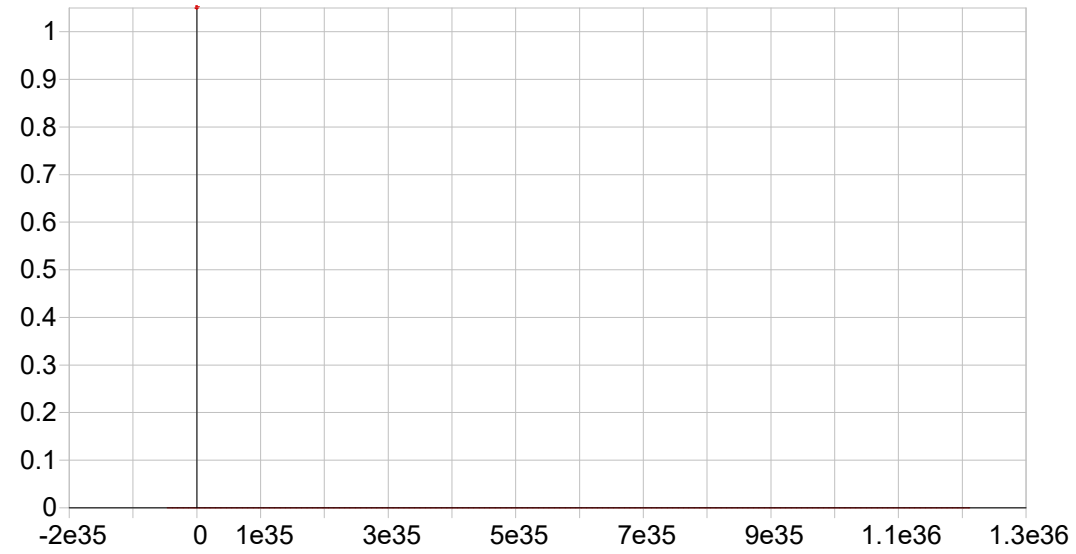


Y 224.306 {150}*

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



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

Reviewed By:jaswal
On:11/12/2025
10:25:25 PM
Inst Id :P4
LB :LB137841

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