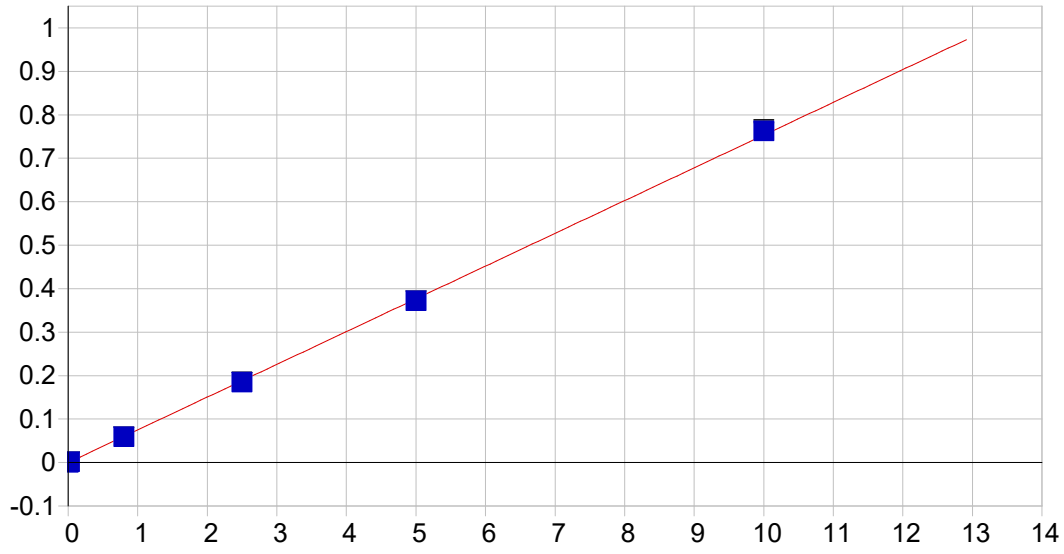
Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



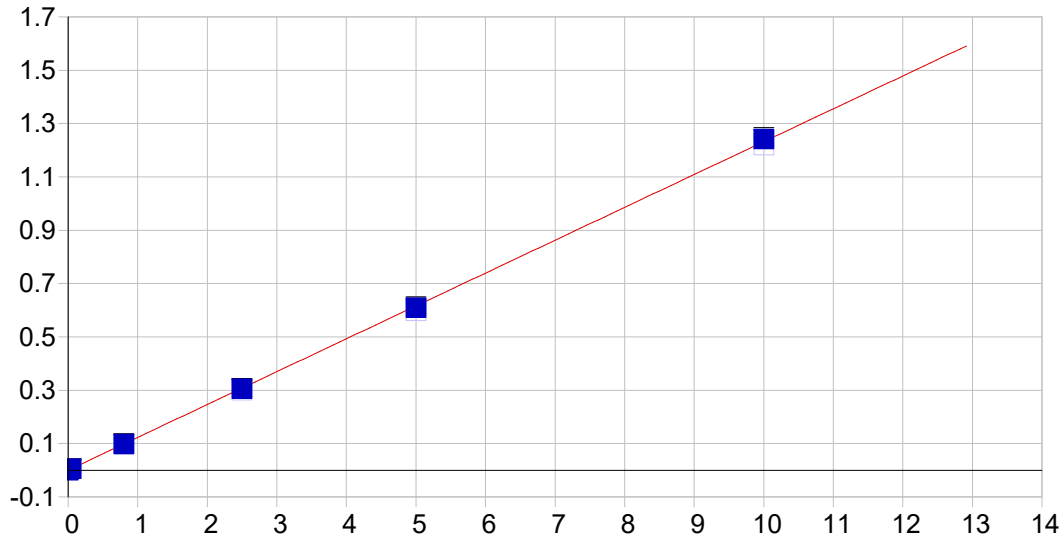
As 189.042 {479}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000197	Re-Slope:	1.000000
A1 (Gain):	0.075352	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.002243		
Predicted MQL:	0.007475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.02074	.001	3.70	.00136	.000	1
S3	2.5000	2.4528	-.047	-1.89	.18443	.000	1
S4	5.0000	4.9409	-.059	-1.18	.37171	.001	1
S5	10.000	10.123	.123	1.23	.76178	.004	1
S2	.80000	.78256	-.017	-2.18	.05871	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



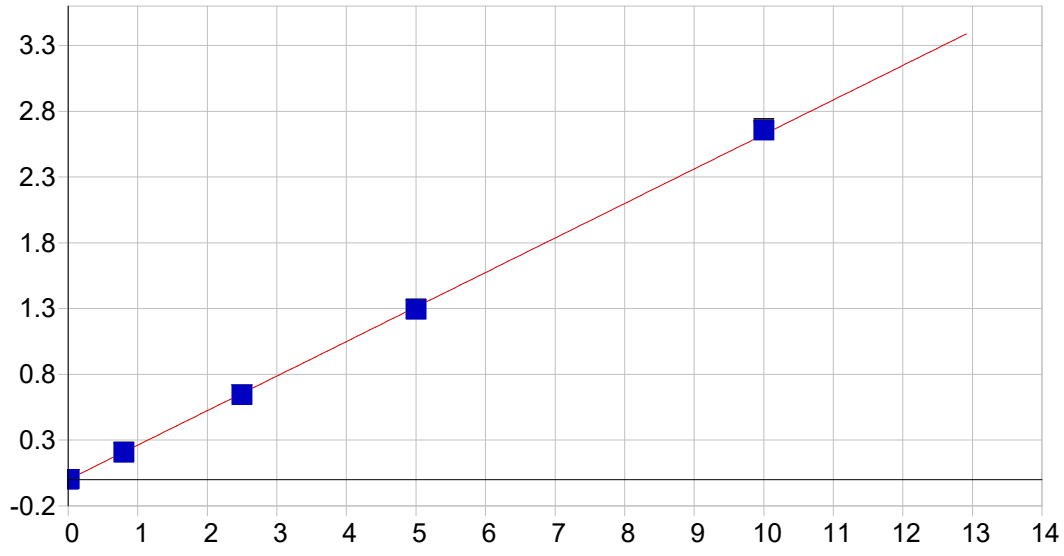
Tl 190.856 {477}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000050	Re-Slope:	1.000000
A1 (Gain):	0.123211	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.001497		
Predicted MQL:	0.004988		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.04000	.04054	.001	1.35	.00473	.000	1
S3	2.5000	2.4796	-.020	-.816	.29990	.002	1
S4	5.0000	4.9427	-.057	-1.15	.59772	.004	1
S5	10.000	10.079	.079	.789	1.2192	.006	1
S2	.80000	.79831	-.002	-.212	.09660	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



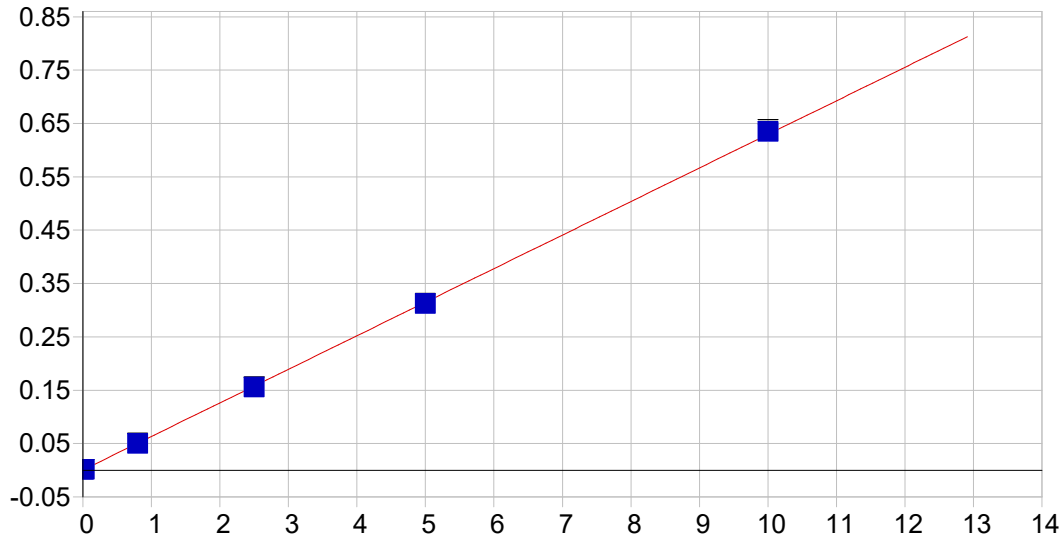
Pb 220.353 {453}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000296	Re-Slope:	1.000000
A1 (Gain):	0.262412	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.001529		
Predicted MQL:	0.005097		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00030	.000	1
S1	.01200	.01315	.001	9.58	.00309	.000	1
S3	2.5000	2.4596	-.040	-1.61	.64446	.001	1
S4	5.0000	4.9267	-.073	-1.47	1.2912	.004	1
S5	10.000	10.121	.121	1.21	2.6530	.012	1
S2	.80000	.79114	-.009	-1.11	.20709	.002	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



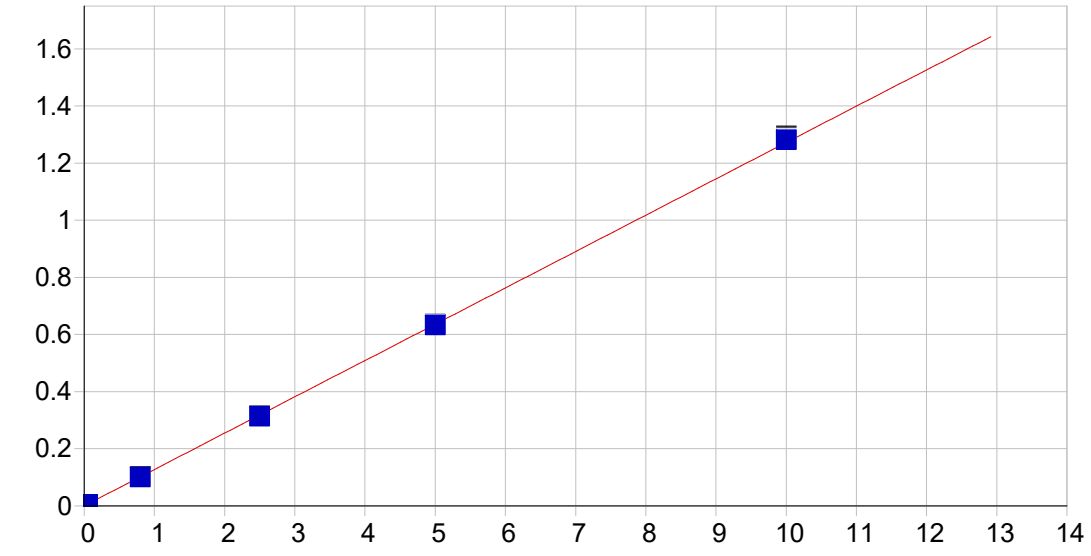
Se 196.090 {472}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000439	Re-Slope:	1.000000
A1 (Gain):	0.062911	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.004866		
Predicted MQL:	0.016221		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.02000	.02197	.002	9.85	.00182	.000	1
S3	2.5000	2.4686	-.031	-1.26	.15568	.001	1
S4	5.0000	4.9594	-.041	-.813	.31232	.000	1
S5	10.000	10.084	.084	.840	.63459	.004	1
S2	.80000	.78615	-.014	-1.73	.04988	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



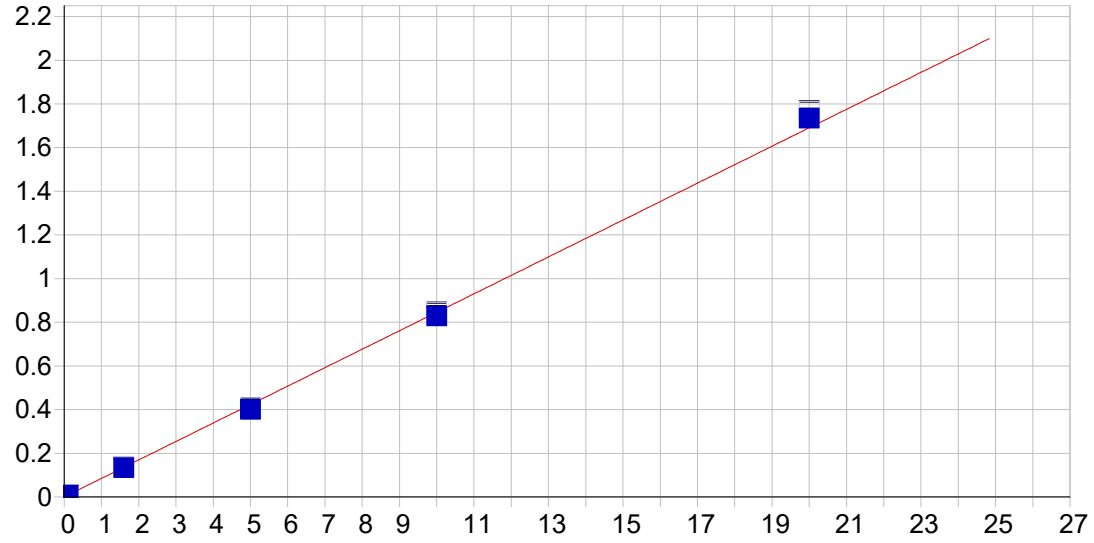
Sb 206.833 {463}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000270	Re-Slope:	1.000000
A1 (Gain):	0.127183	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.002252		
Predicted MQL:	0.007507		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.05000	.04924	-.001	-1.53	.00655	.000	1
S3	2.5000	2.4610	-.039	-1.56	.31413	.001	1
S4	5.0000	4.9756	-.024	-.488	.63481	.001	1
S5	10.000	10.073	.073	.730	1.2848	.010	1
S2	.80000	.79117	-.009	-1.10	.10117	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



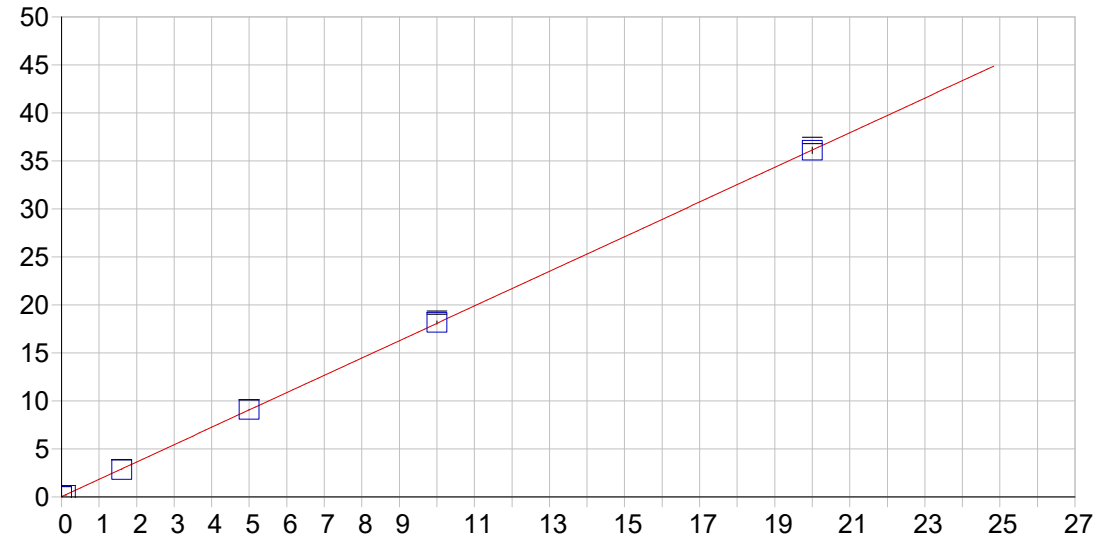
Al 396.152 { 85}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	0.084531	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999582	Status:	OK.
Std Error of Est:	0.000185		
Predicted MDL:	0.006777		
Predicted MQL:	0.022590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.10000	.10208	.002	2.08	.00960	.000	1
S3	5.0000	4.7305	-.269	-5.39	.40839	.000	1
S4	10.000	9.7954	-.205	-2.05	.84473	.003	1
S5	20.000	20.502	.502	2.51	1.7662	.003	1
S2	1.6000	1.5695	-.030	-1.90	.13561	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



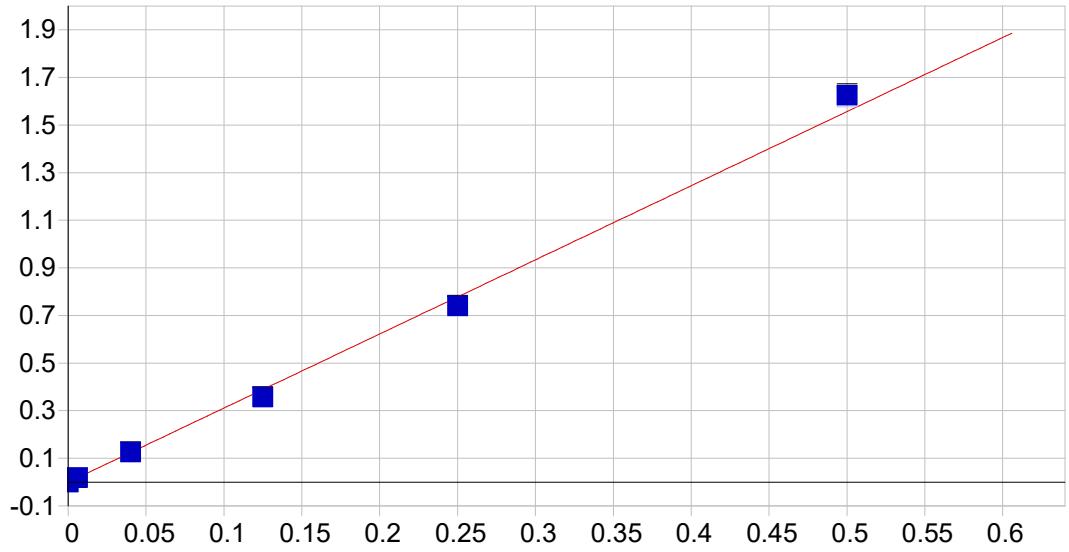
Ba 493.409 { 68}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.031987	Re-Slope:	1.000000
A1 (Gain):	1.805079	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000896		
Predicted MDL:	0.000905		
Predicted MQL:	0.003015		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03199	.003	1
S1	.10000	.09778	-.002	-2.22	.20849	.001	1
S3	5.0000	5.0196	.020	.392	9.0928	.023	1
S4	10.000	10.047	.047	.473	18.168	.157	1
S5	20.000	19.980	-.020	-.098	36.098	.332	1
S2	1.6000	1.5548	-.045	-2.82	2.8385	.012	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



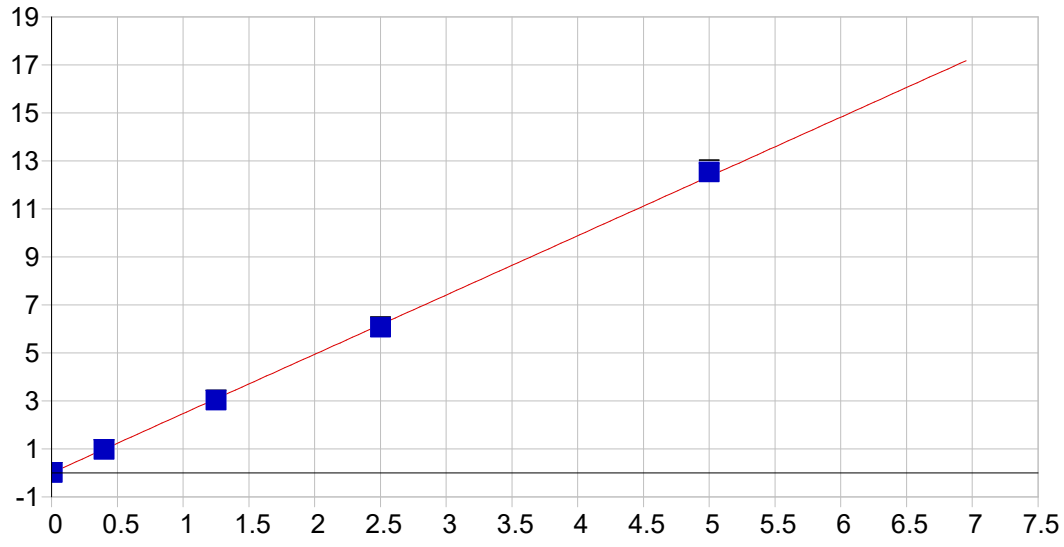
Be 234.861 {144}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000335	Re-Slope:	1.000000
A1 (Gain):	3.113702	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998690	Status:	OK.
Std Error of Est:	0.000457		
Predicted MDL:	0.000073		
Predicted MQL:	0.000245		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.00600	.00592	-.000	-1.28	.01797	.000	1
S3	.12500	.11471	-.010	-8.23	.35510	.002	1
S4	.25000	.23791	-.012	-4.84	.73694	.003	1
S5	.50000	.52183	.022	4.37	1.6175	.006	1
S2	.04000	.04063	.001	1.58	.12562	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



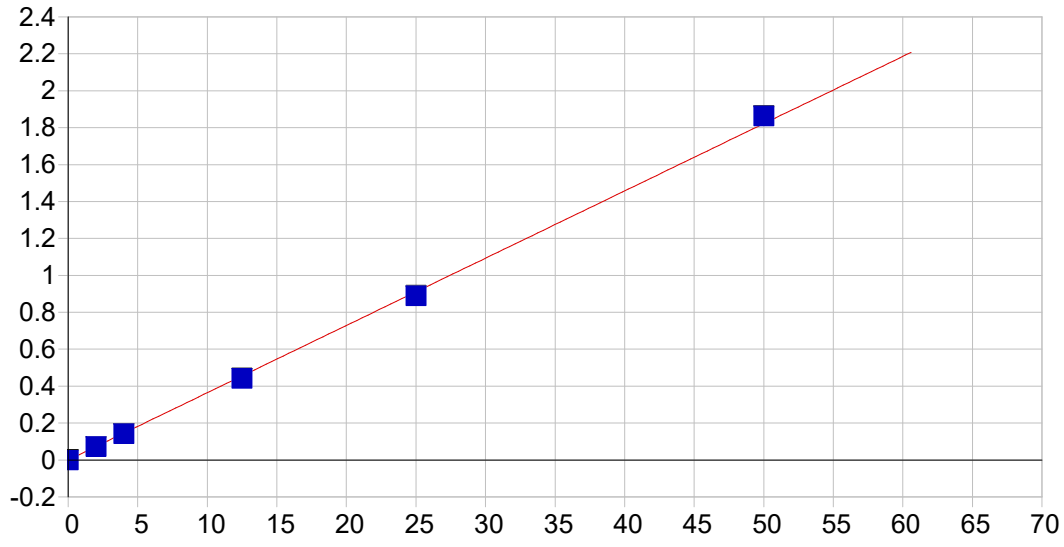
Cd 226.502 {449}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	2.470614	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000368		
Predicted MDL:	0.000103		
Predicted MQL:	0.000344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.00600	.00610	.000	1.65	.01505	.000	1
S3	1.2500	1.2269	-.023	-1.85	3.0335	.004	1
S4	2.5000	2.4560	-.044	-1.76	6.0726	.016	1
S5	5.0000	5.0747	.075	1.49	12.547	.077	1
S2	.40000	.39234	-.008	-1.92	.97000	.009	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



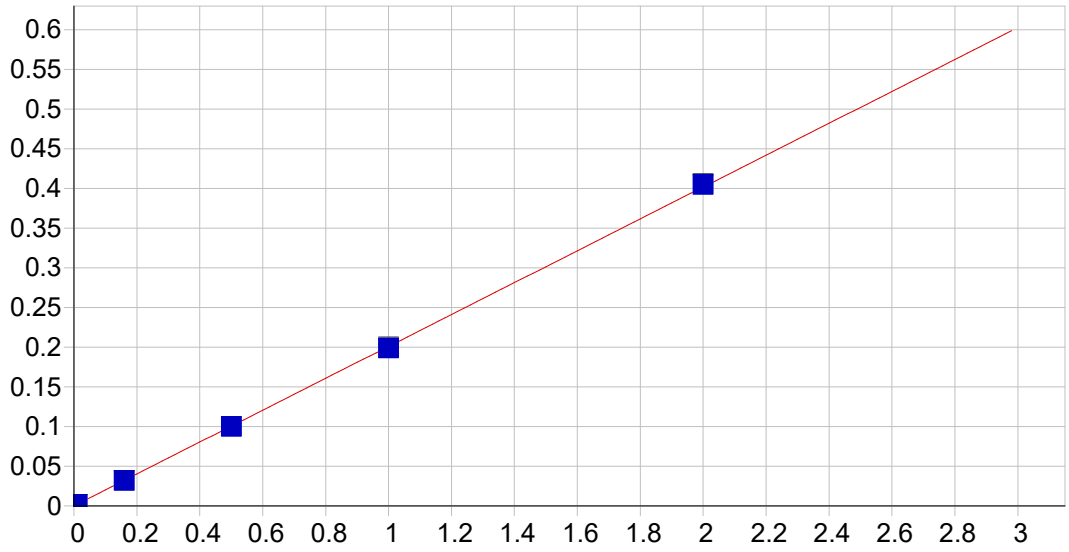
Ca 373.690 { 90}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000056	Re-Slope:	1.000000
A1 (Gain):	0.036438	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999713	Status:	OK.
Std Error of Est:	0.000462		
Predicted MDL:	0.010673		
Predicted MQL:	0.035576		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	-.00005	.000	1
S2	4.0000	3.9033	-.097	-2.42	.14217	.000	1
S3	12.500	12.136	-.364	-2.91	.44214	.001	1
S4	25.000	24.385	-.615	-2.46	.88850	.003	1
S5	50.000	51.113	1.11	2.23	1.8624	.003	1
S1	2.0000	1.9621	-.038	-1.89	.07144	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



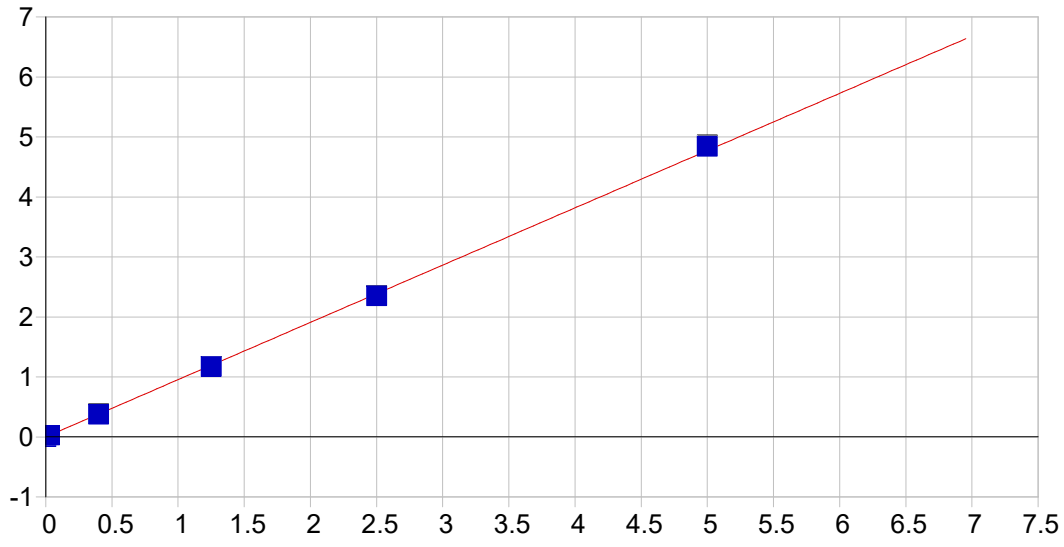
Cr 267.716 {126}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000133	Re-Slope:	1.000000
A1 (Gain):	0.200877	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.000424		
Predicted MQL:	0.001413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.00972	-.000	-2.84	.00209	.000	1
S3	.50000	.49682	-.003	-.637	.10001	.000	1
S4	1.0000	.99002	-.010	-.998	.19917	.001	1
S5	2.0000	2.0158	.016	.789	.40538	.001	1
S2	.16000	.15767	-.002	-1.46	.03183	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



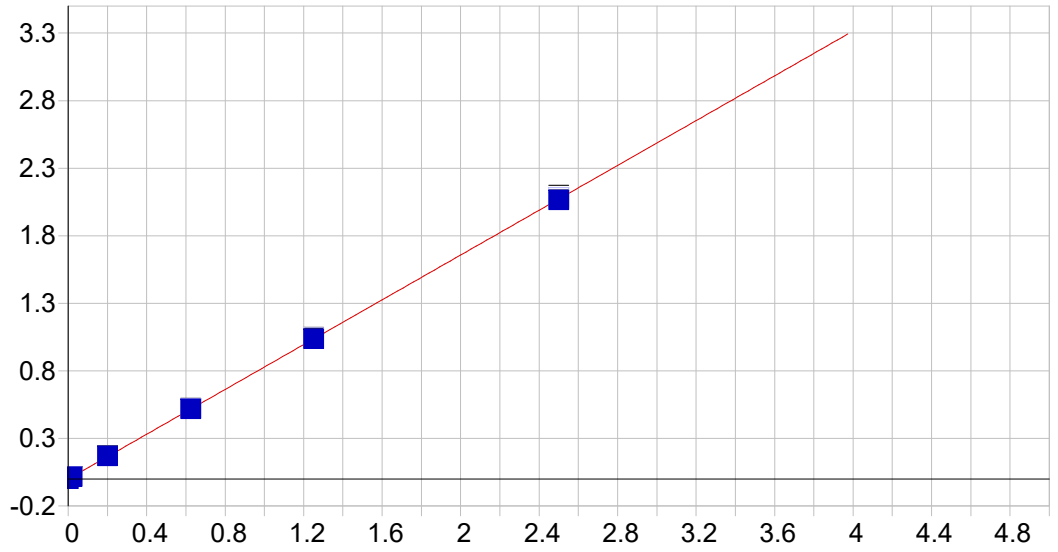
Co 228.616 {448}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000107	Re-Slope:	1.000000
A1 (Gain):	0.954428	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000309		
Predicted MDL:	0.000292		
Predicted MQL:	0.000973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.03000	.02959	-.000	-1.37	.02801	.000	1
S3	1.2500	1.2252	-.025	-1.98	1.1713	.001	1
S4	2.5000	2.4593	-.041	-1.63	2.3512	.005	1
S5	5.0000	5.0728	.073	1.46	4.8496	.016	1
S2	.40000	.39311	-.007	-1.72	.37574	.004	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



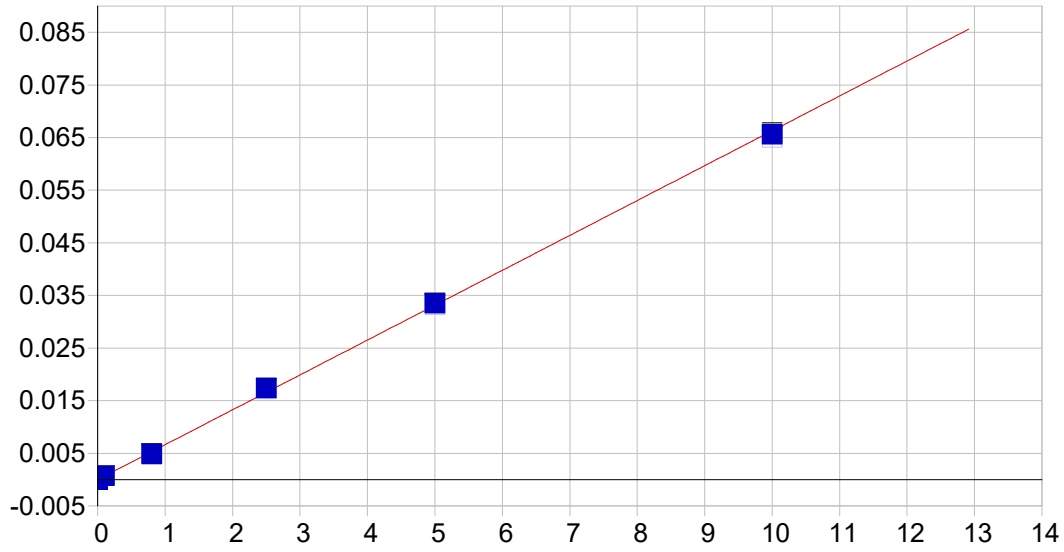
Cu 224.700 {450}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000811	Re-Slope:	1.000000
A1 (Gain):	0.828937	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.000427		
Predicted MQL:	0.001423		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.02000	.02097	.001	4.84	.01676	.000	1
S3	.62500	.62560	.001	.096	.52217	.001	1
S4	1.2500	1.2519	.002	.154	1.0457	.002	1
S5	2.5000	2.4922	-.008	-.311	2.0827	.017	1
S2	.20000	.20429	.004	2.14	.16994	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



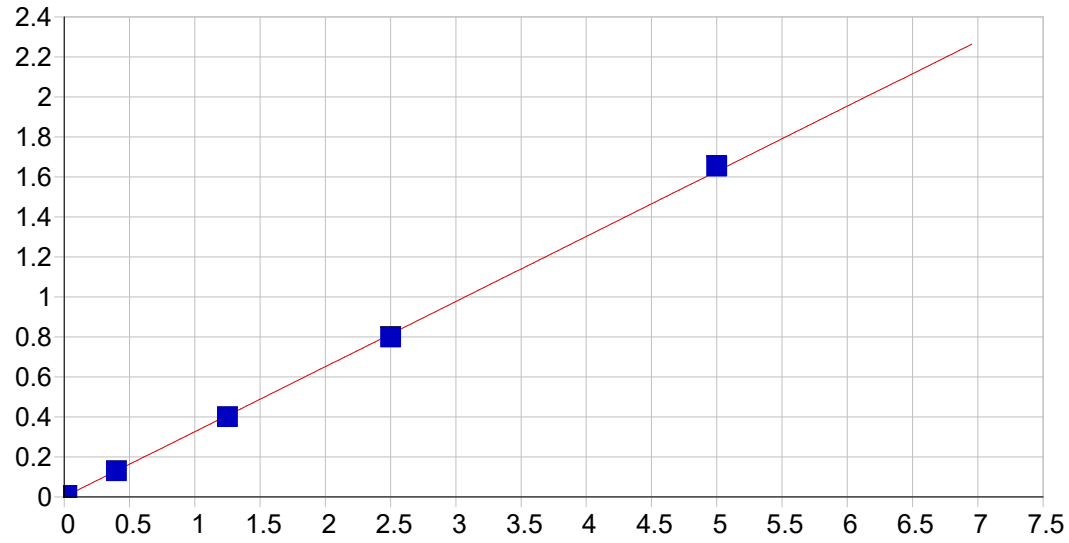
Fe 240.488 {140}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000002	Re-Slope:	1.000000
A1 (Gain):	0.006629	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999615	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.004589		
Predicted MQL:	0.015295		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00000	.000	1
S1	.10000	.10950	.010	9.50	.00072	.000	1
S3	2.5000	2.6171	.117	4.69	.01721	.000	1
S4	5.0000	5.0492	.049	.983	.03319	.000	1
S5	10.000	9.8929	-.107	-1.07	.06502	.000	1
S2	.80000	.73129	-.069	-8.59	.00481	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



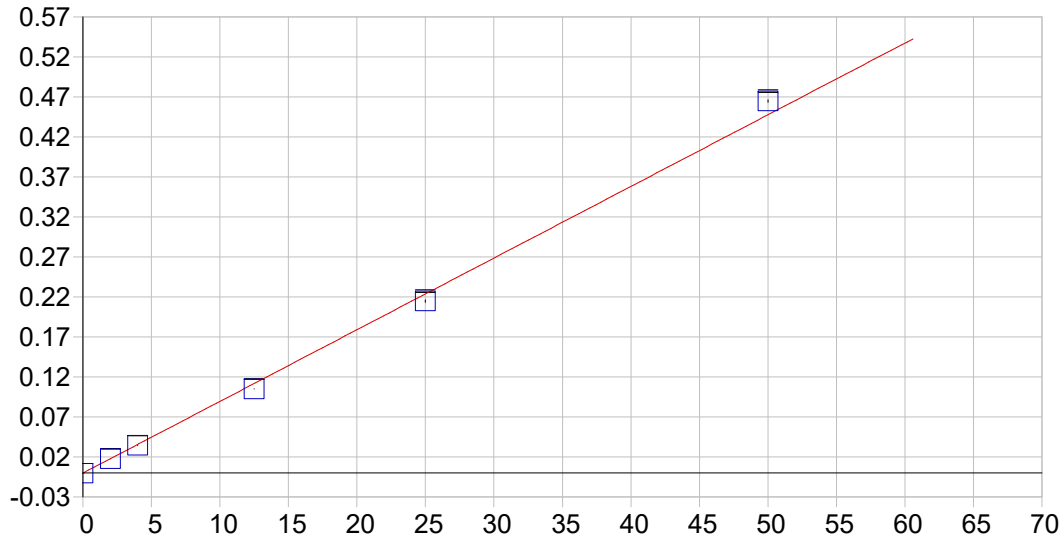
Mn 257.610 {131}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000206	Re-Slope:	1.000000
A1 (Gain):	0.325556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000443		
Predicted MQL:	0.001475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.02000	.01973	-.000	-1.34	.00663	.000	1
S3	1.2500	1.2264	-.024	-1.89	.39954	.002	1
S4	2.5000	2.4532	-.047	-1.87	.79901	.003	1
S5	5.0000	5.0741	.074	1.48	1.6524	.003	1
S2	.40000	.39664	-.003	-.839	.12936	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



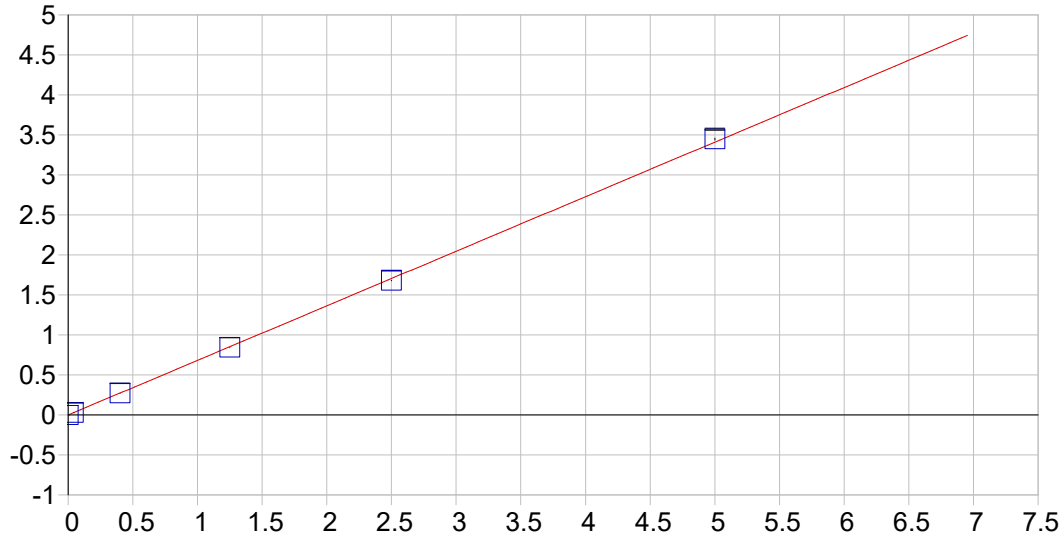
Mg 279.079 {121}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000218	Re-Slope:	1.000000
A1 (Gain):	0.008958	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999110	Status:	OK.
Std Error of Est:	0.000200		
Predicted MDL:	0.021194		
Predicted MQL:	0.070647		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00022	.000	1
S2	4.0000	3.8480	-.152	-3.80	.03425	.000	1
S3	12.500	11.733	-.767	-6.14	.10489	.000	1
S4	25.000	24.000	-1.00	-4.00	.21477	.001	1
S5	50.000	51.919	1.92	3.84	.46488	.001	1
S1	2.0000	2.0001	.000	.003	.01770	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



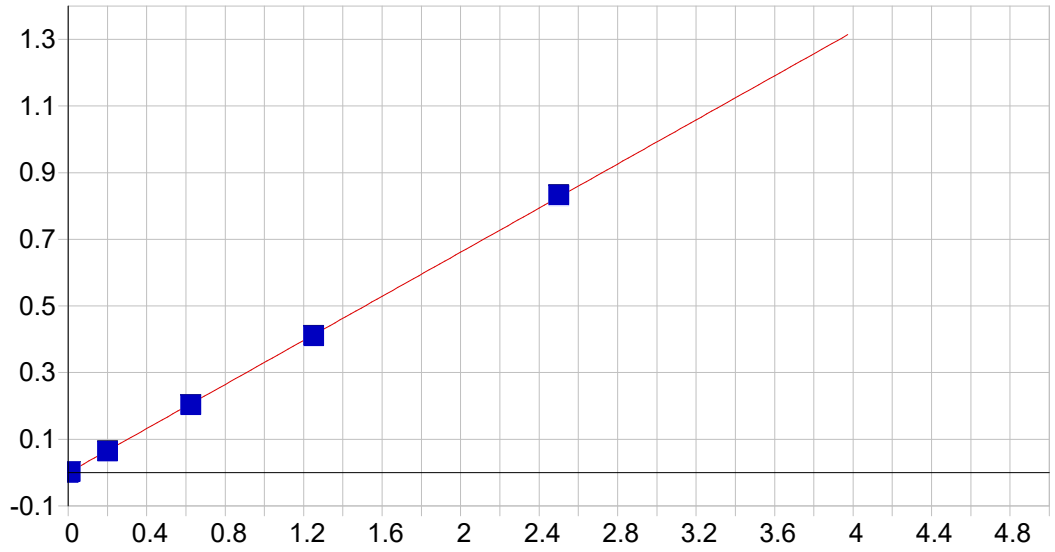
Ni 231.604 {446}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000365	Re-Slope:	1.000000
A1 (Gain):	0.682046	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.000371		
Predicted MQL:	0.001236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.04000	.04005	.000	.129	.02695	.000	1
S3	1.2500	1.2356	-.014	-1.16	.84234	.001	1
S4	2.5000	2.4619	-.038	-1.53	1.6787	.004	1
S5	5.0000	5.0548	.055	1.10	3.4473	.013	1
S2	.40000	.39770	-.002	-.575	.27089	.002	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



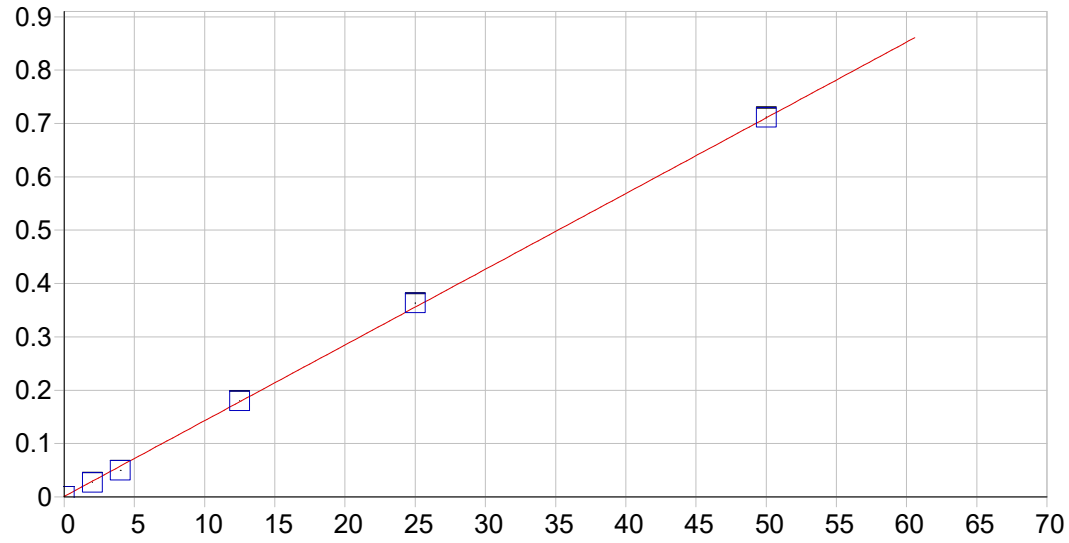
Ag 328.068 {103}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000274	Re-Slope:	1.000000
A1 (Gain):	0.330811	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.000424		
Predicted MQL:	0.001412		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00995	-.000	-.531	.00299	.000	1
S3	.62500	.61707	-.008	-1.27	.20294	.000	1
S4	1.2500	1.2433	-.007	-.533	.40920	.001	1
S5	2.5000	2.5188	.019	.750	.82928	.000	1
S2	.20000	.19589	-.004	-2.06	.06423	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



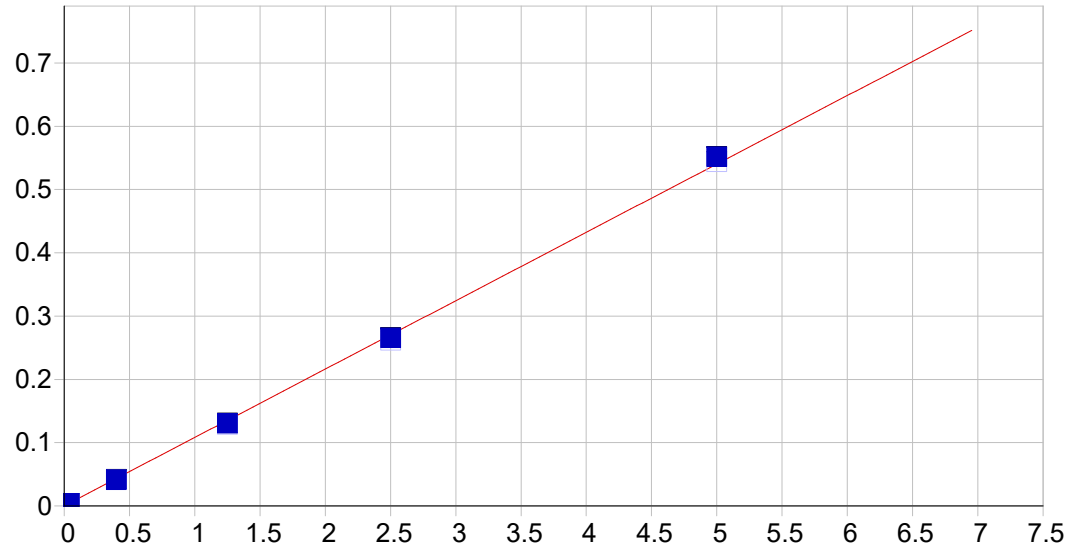
Na 589.592 { 57}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001016	Re-Slope:	1.000000
A1 (Gain):	0.014191	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999451	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.018316		
Predicted MQL:	0.061053		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.00102	.000	1
S2	4.0000	3.4437	-.556	-13.9	.04989	.000	1
S3	12.500	12.630	.130	1.04	.18024	.001	1
S4	25.000	25.535	.535	2.14	.36338	.001	1
S5	50.000	50.050	.050	.099	.71127	.001	1
S1	2.0000	1.8422	-.158	-7.89	.02716	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



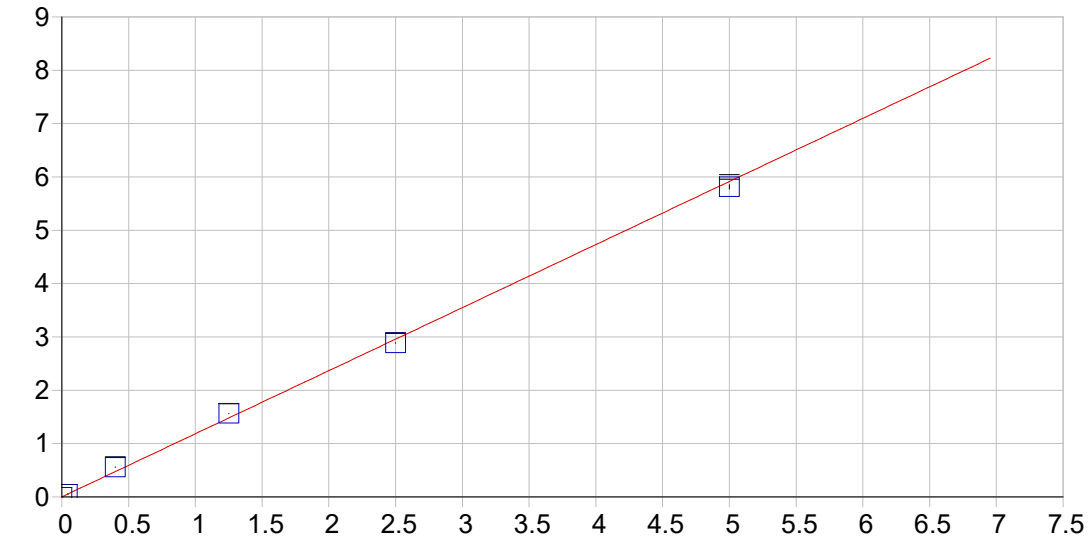
V 292.402 {115}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000106	Re-Slope:	1.000000
A1 (Gain):	0.108067	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999712	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.002045		
Predicted MQL:	0.006818		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.04000	.03825	-.002	-4.36	.00408	.000	1
S3	1.2500	1.2065	-.043	-3.48	.12852	.001	1
S4	2.5000	2.4561	-.044	-1.76	.26159	.001	1
S5	5.0000	5.1045	.105	2.09	.54386	.000	1
S2	.40000	.38457	-.015	-3.86	.04104	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



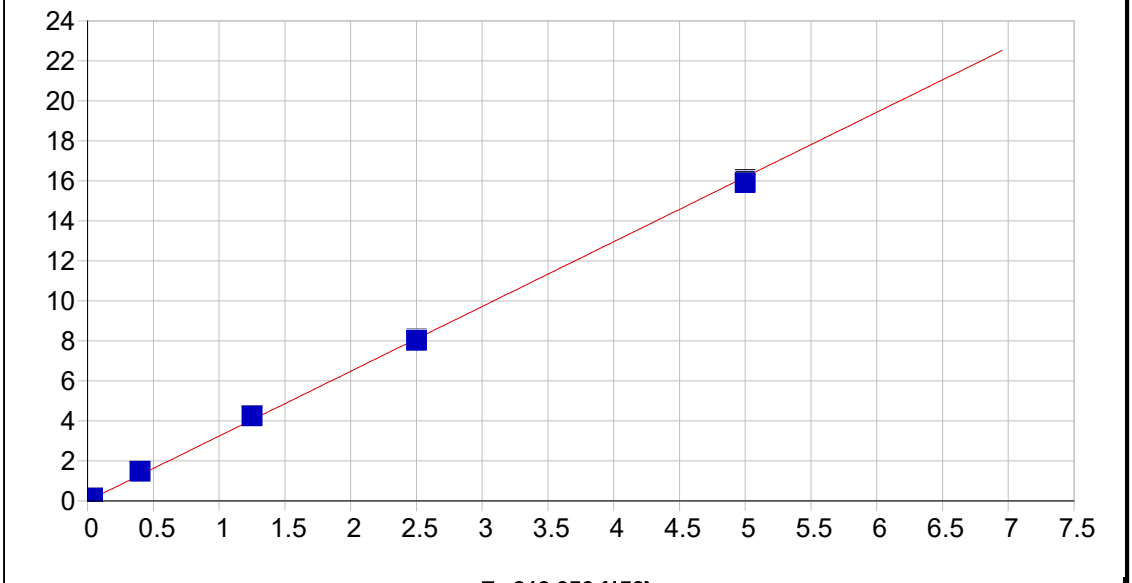
Zn 206.200 {464}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000815	Re-Slope:	1.000000
A1 (Gain):	1.182775	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998906	Status:	OK.
Std Error of Est:	0.001300		
Predicted MDL:	0.000187		
Predicted MQL:	0.000625		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00080	.000	1
S1	.04000	.04554	.006	13.9	.05468	.000	1
S3	1.2500	1.3214	.071	5.71	1.5637	.002	1
S4	2.5000	2.4384	-.062	-2.46	2.8849	.008	1
S5	5.0000	4.9144	-.086	-1.71	5.8135	.044	1
S2	.40000	.47019	.070	17.5	.55694	.004	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



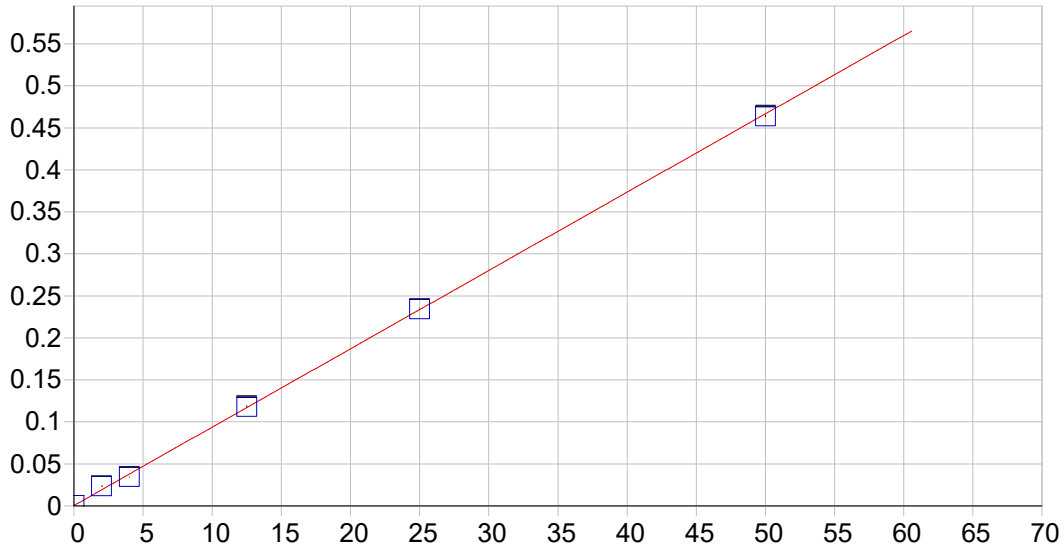
Zn 213.856 {158}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003986	Re-Slope:	1.000000
A1 (Gain):	3.238295	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999336	Status:	OK.
Std Error of Est:	0.002791		
Predicted MDL:	0.000295		
Predicted MQL:	0.000983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00395	.000	1
S1	.04000	.04546	.005	13.6	.15210	.001	1
S3	1.2500	1.3062	.056	4.50	4.2621	.010	1
S4	2.5000	2.4749	-.025	-1.00	8.0747	.018	1
S5	5.0000	4.9097	-.090	-1.81	16.015	.042	1
S2	.40000	.45379	.054	13.4	1.4825	.006	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



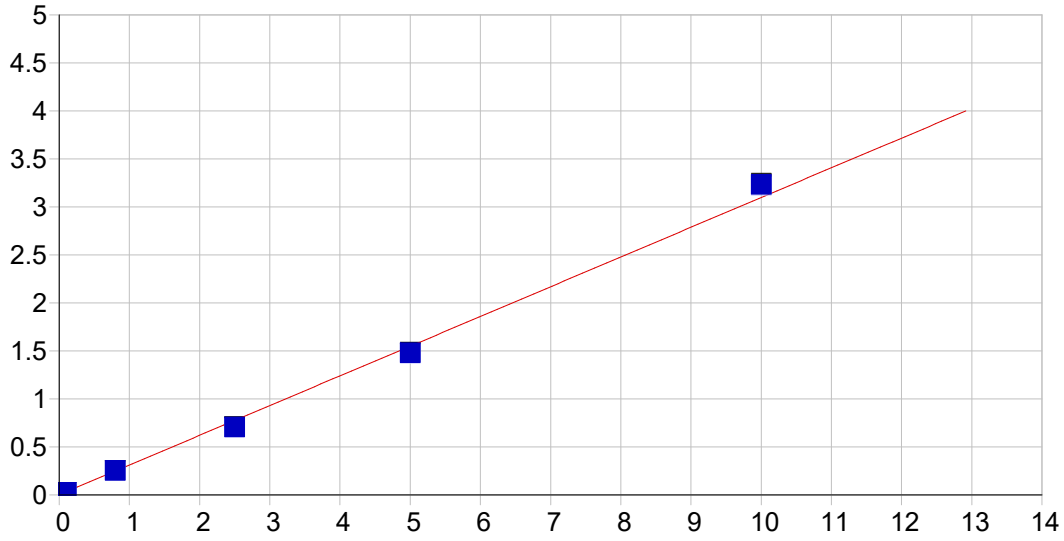
K 766.490 { 44}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000585	Re-Slope:	1.000000
A1 (Gain):	0.009322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999205	Status:	OK.
Std Error of Est:	0.000197		
Predicted MDL:	0.035197		
Predicted MQL:	0.117323		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	-.000	.000	.00058	.000	1
S2	4.0000	3.6428	-.357	-8.93	.03454	.000	1
S3	12.500	12.607	.107	.853	.11811	.001	1
S4	25.000	25.057	.057	.229	.23417	.000	1
S5	50.000	49.716	-.284	-.569	.46404	.001	1
S1	2.0000	2.4777	.478	23.9	.02368	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



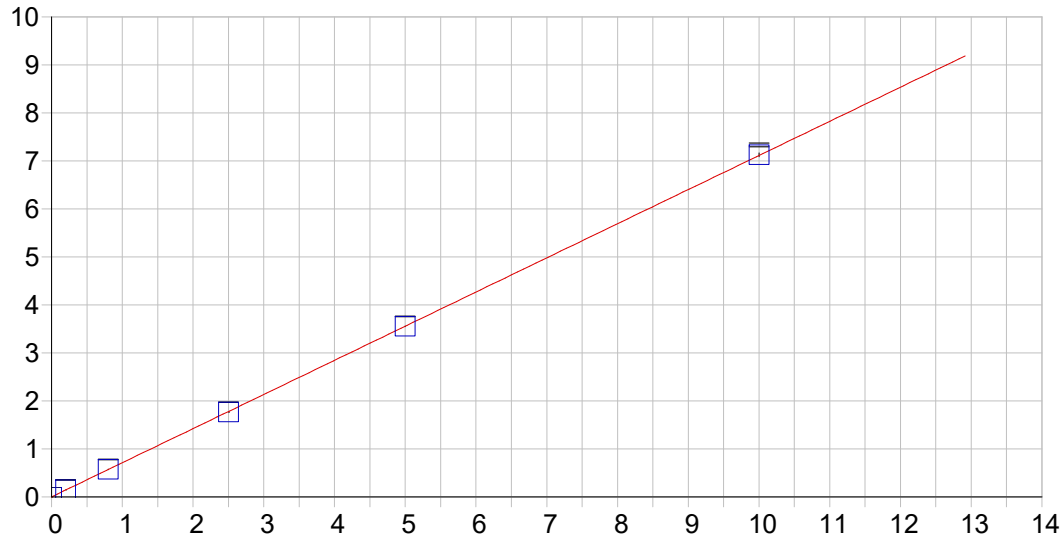
B 249.678 {135}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001293	Re-Slope:	1.000000
A1 (Gain):	0.309604	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998617	Status:	OK.
Std Error of Est:	0.000853		
Predicted MDL:	0.000776		
Predicted MQL:	0.002588		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00130	.000	1
S1	.10000	.09384	-.006	-6.16	.03016	.000	1
S3	2.5000	2.2739	-.226	-9.04	.70251	.004	1
S4	5.0000	4.7764	-.224	-4.47	1.4745	.006	1
S5	10.000	10.442	.442	4.42	3.2232	.011	1
S2	.80000	.81341	.013	1.68	.25224	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



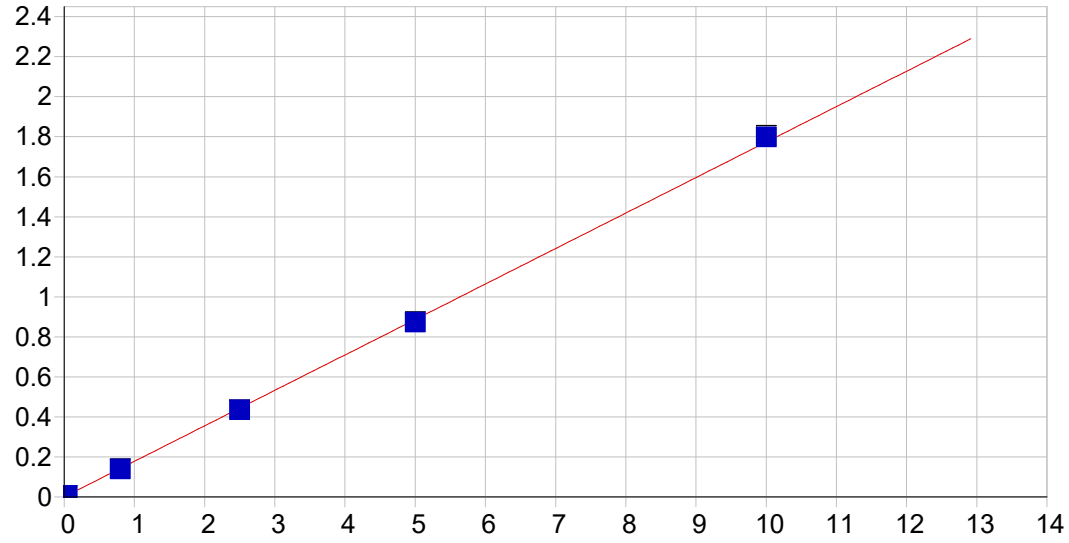
Mo 202.030 {467}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.711312	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000207		
Predicted MDL:	0.000304		
Predicted MQL:	0.001014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.20000	.20250	.002	1.25	.14442	.000	1
S3	2.5000	2.4807	-.019	-.774	1.7649	.001	1
S4	5.0000	4.9936	-.006	-.128	3.5524	.009	1
S5	10.000	10.016	.016	.159	7.1248	.040	1
S2	.80000	.80733	.007	.917	.57465	.005	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



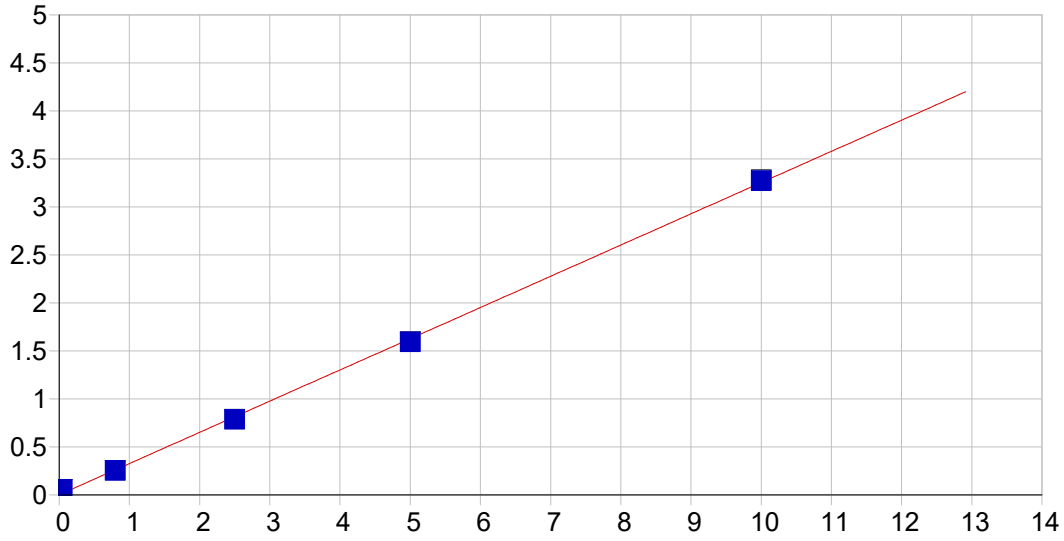
Sn 189.989 {478}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000554	Re-Slope:	1.000000
A1 (Gain):	0.177243	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.000738		
Predicted MQL:	0.002461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.04000	.03775	-.002	-5.62	.00724	.000	1
S3	2.5000	2.4535	-.046	-1.86	.43497	.001	1
S4	5.0000	4.9246	-.075	-1.51	.87250	.002	1
S5	10.000	10.143	.143	1.43	1.7966	.009	1
S2	.80000	.78083	-.019	-2.40	.13881	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



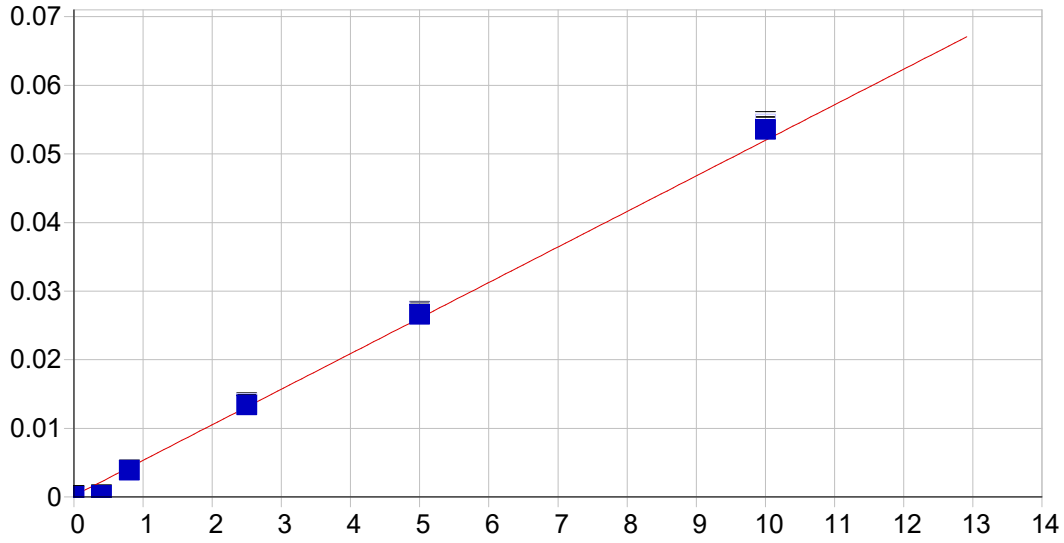
Ti 336.121 {100}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001319	Re-Slope:	1.000000
A1 (Gain):	0.325157	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.985987	Status:	OK.
Std Error of Est:	0.001823		
Predicted MDL:	0.000786		
Predicted MQL:	0.002619		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00127	.000	1
S1	.04000	.18395	.144	360.	.06112	.000	1
S3	2.5000	2.4176	-.082	-3.30	.78711	.001	1
S4	5.0000	4.8951	-.105	-2.10	1.5924	.005	1
S5	10.000	10.067	.067	.672	3.2736	.005	1
S2	.80000	.77631	-.024	-2.96	.25365	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



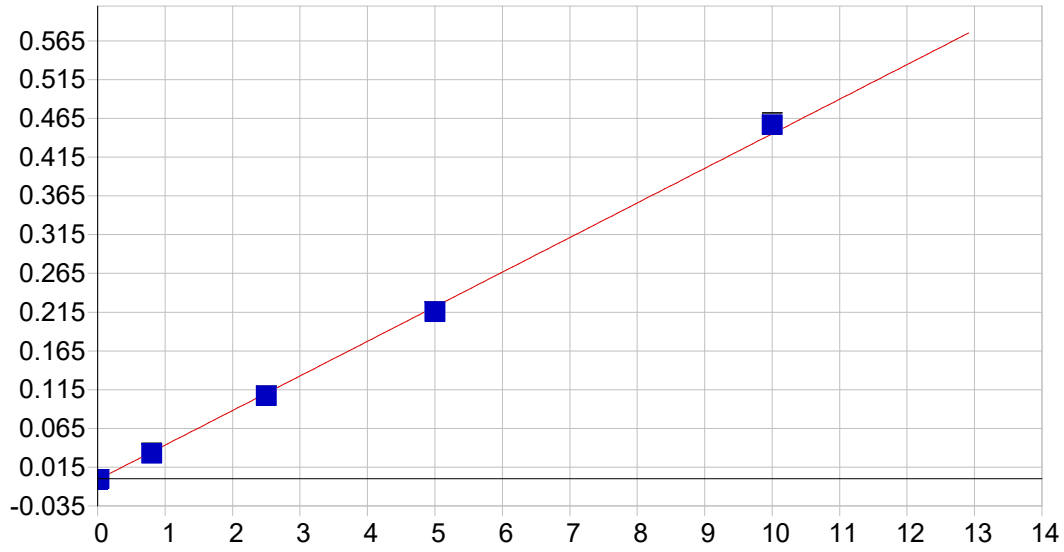
Si 288.158 {117}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000155	Re-Slope:	1.000000
A1 (Gain):	0.005182	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.990058	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	0.009804		
Predicted MQL:	0.032680		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	.00016	.000	1
S1	.40000	.01719	-.383	-95.7	.00025	.000	1
S3	2.5000	2.5578	.058	2.31	.01361	.000	1
S4	5.0000	5.0973	.097	1.95	.02696	.000	1
S5	10.000	10.308	.308	3.08	.05435	.000	1
S2	.80000	.71512	-.085	-10.6	.00392	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



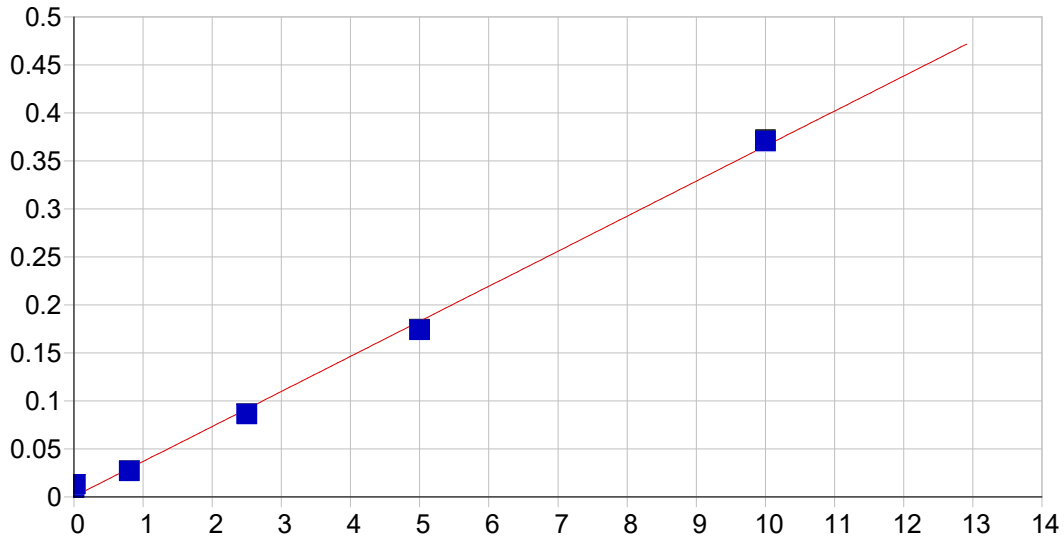
P 177.495 {490}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001223	Re-Slope:	1.000000
A1 (Gain):	0.044643	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999569	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.002848		
Predicted MQL:	0.009492		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00122	.000	1
S1	.02000	.02127	.001	6.35	-.00027	.000	1
S3	2.5000	2.4228	-.077	-3.09	.10692	.001	1
S4	5.0000	4.8536	-.146	-2.93	.21542	.000	1
S5	10.000	10.263	.263	2.63	.45689	.002	1
S2	.80000	.75903	-.041	-5.12	.03266	.001	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



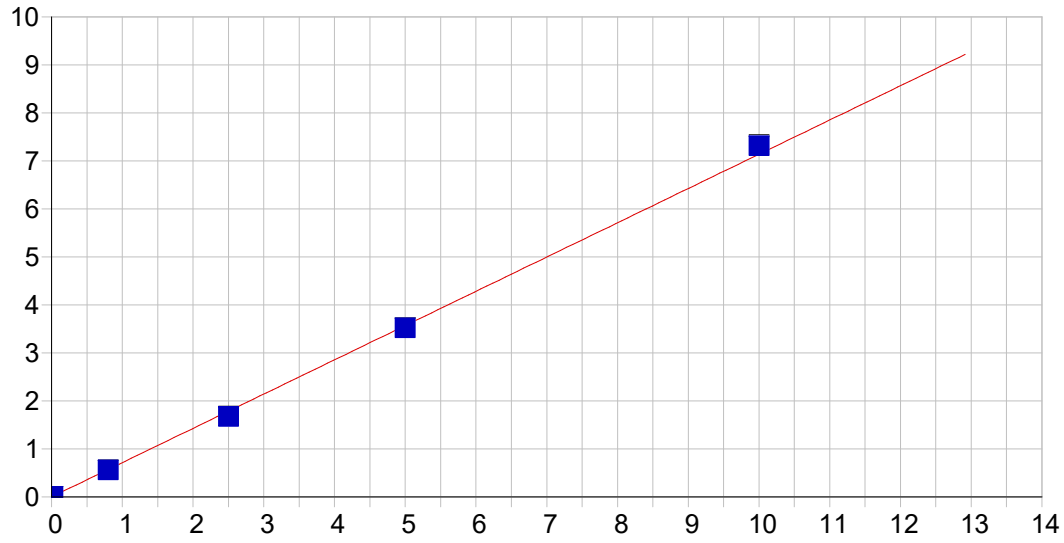
S 182.034 {485}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000376	Re-Slope:	1.000000
A1 (Gain):	0.036504	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.874044	Status:	OK.
Std Error of Est:	0.000474		
Predicted MDL:	0.003241		
Predicted MQL:	0.010802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	-.000	.000	.00036	.000	1
S1	.02000	.35456	.335	1670.	.01329	.000	1
S3	2.5000	2.3514	-.149	-5.95	.08597	.000	1
S4	5.0000	4.7582	-.242	-4.84	.17359	.001	1
S5	10.000	10.139	.139	1.39	.36956	.002	1
S2	.80000	.72988	-.070	-8.77	.02694	.000	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



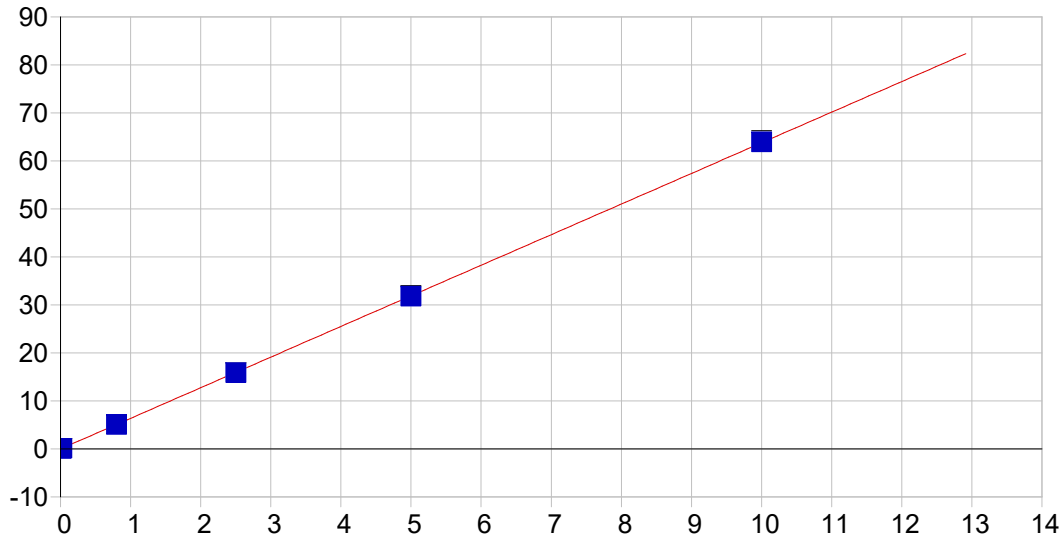
Li 670.784 { 50}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000500	Re-Slope:	1.000000
A1 (Gain):	0.713785	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999528	Status:	OK.
Std Error of Est:	0.000514		
Predicted MDL:	0.001107		
Predicted MQL:	0.003691		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S5	10.000	10.246	.246	2.46	7.3178	.016	1
S4	5.0000	4.9293	-.071	-1.41	3.5207	.004	1
S3	2.5000	2.3445	-.155	-6.22	1.6749	.005	1
S1	.02000	.01832	-.002	-8.38	.01381	.000	1
S2	.80000	.78147	-.019	-2.32	.55858	.003	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



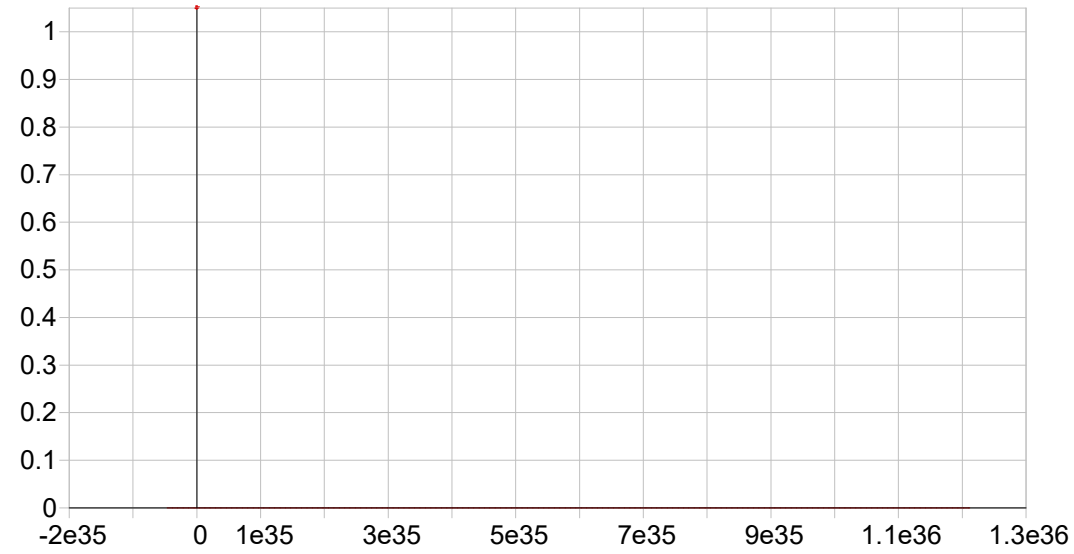
Sr 407.771 { 83}

Date of Fit:	6/6/2025 14:38:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	6.377004	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000548		
Predicted MDL:	0.000080		
Predicted MQL:	0.000265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02048	.000	2.39	.13126	.000	1
S3	2.5000	2.4905	-.010	-.381	15.897	.056	1
S4	5.0000	4.9870	-.013	-.259	31.833	.125	1
S5	10.000	10.030	.030	.298	64.021	.181	1
S2	.80000	.79220	-.008	-.974	5.0568	.025	1

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052

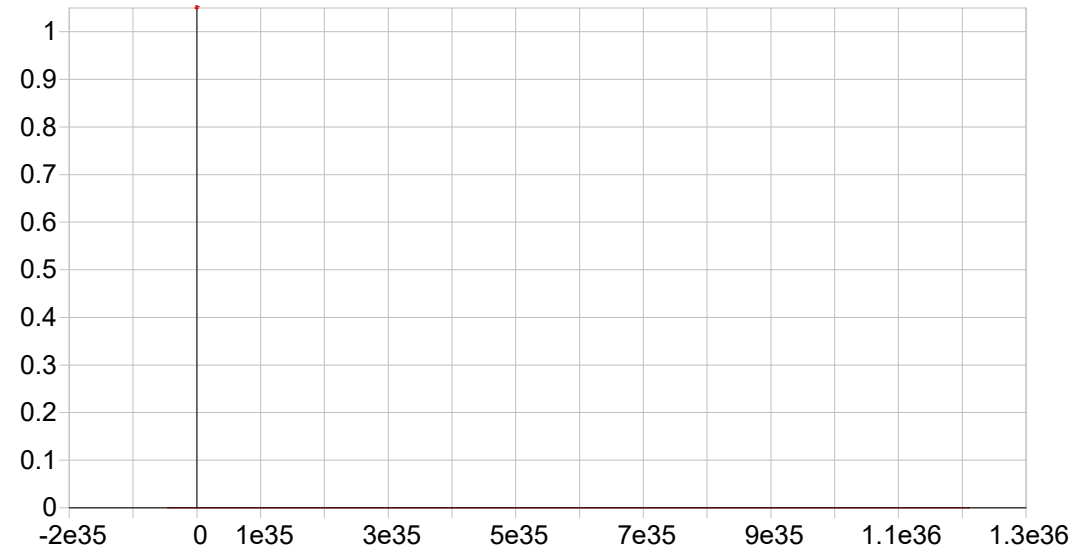


Y 224.306 {450}*

Date of Fit:	6/6/2025 14:38:22	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}*

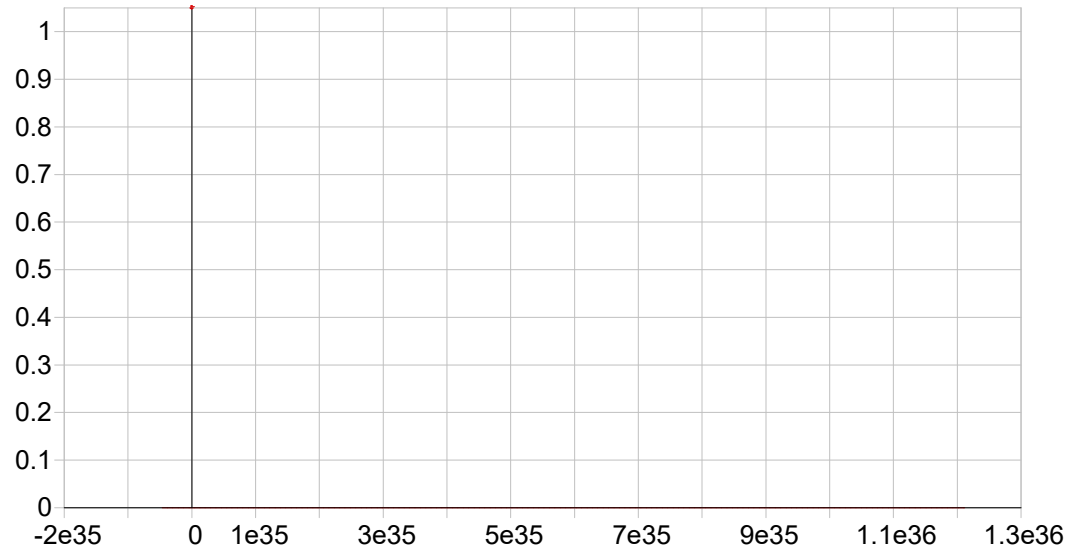
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052

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



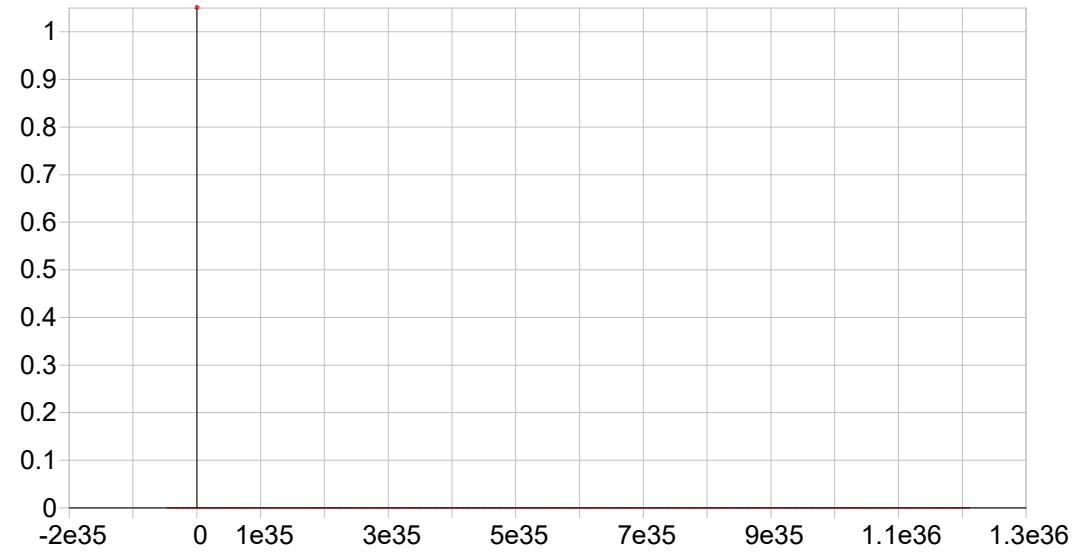
Y 371.030 { 91}*

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

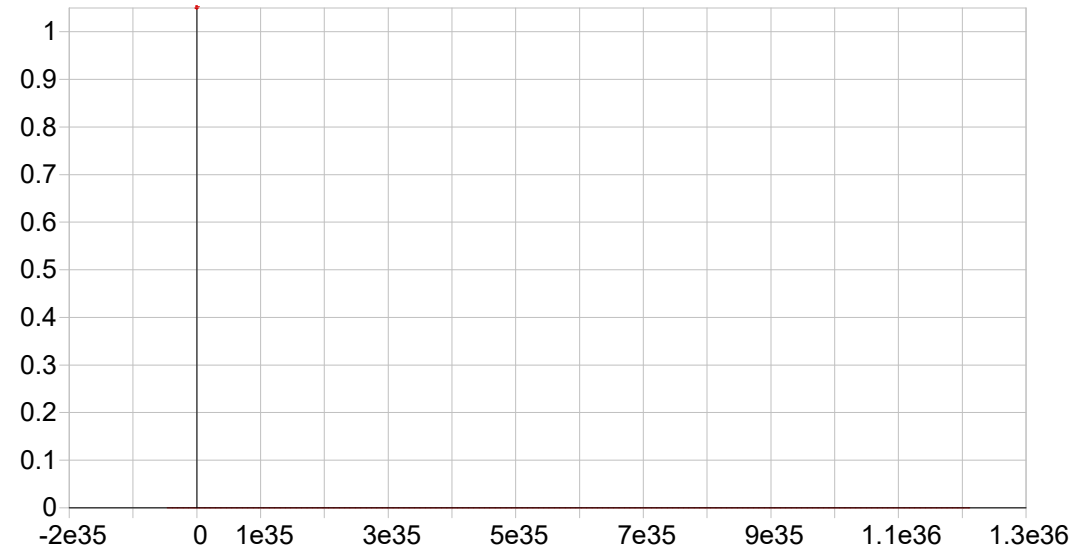
Reviewed By:jaswal
On:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052



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:6/10/2025 4:57:27 PM
Inst Id :P4
LB :LB136052

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**