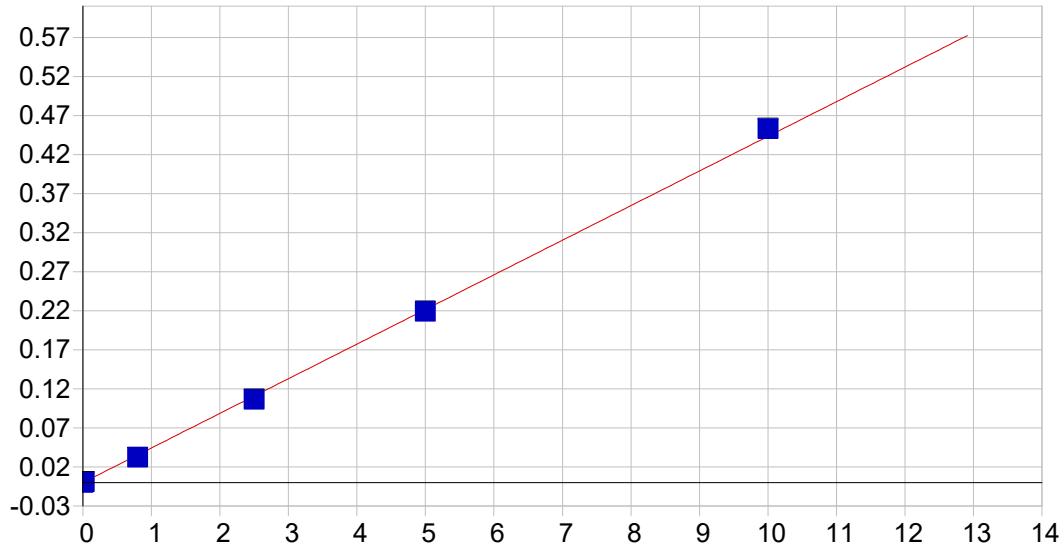
Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



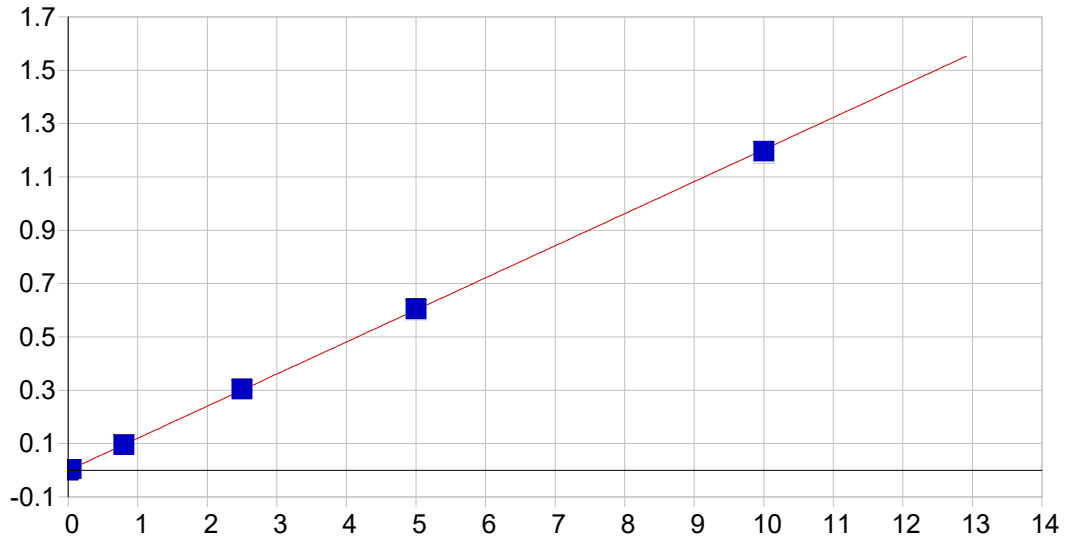
As 189.042 {479}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000055	Re-Slope:	1.000000
A1 (Gain):	0.044333	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999580	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.002910		
Predicted MQL:	0.009701		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.02000	.01992	-.000	-.405	.00083	.000	1
S2	.80000	.73022	-.070	-8.72	.03231	.000	1
S3	2.5000	2.4037	-.096	-3.85	.10649	.000	1
S4	5.0000	4.9436	-.056	-1.13	.21908	.000	1
S5	10.000	10.223	.223	2.23	.45308	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



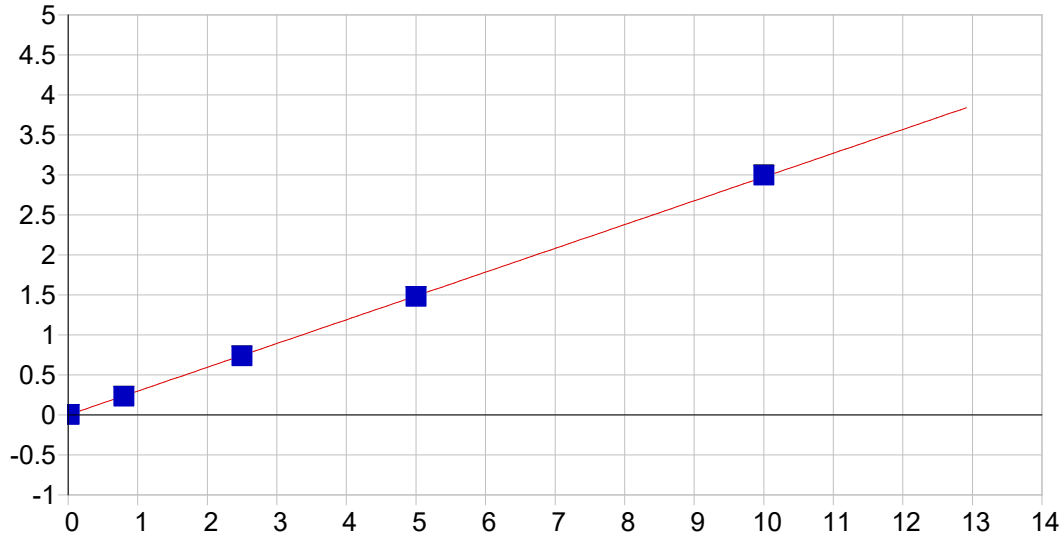
Tl 190.856 {477}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000163	Re-Slope:	1.000000
A1 (Gain):	0.120269	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.001764		
Predicted MQL:	0.005880		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.04000	.03994	-.000	-.155	.00453	.000	1
S2	.80000	.79861	-.001	-.173	.09513	.000	1
S3	2.5000	2.5286	.029	1.14	.30160	.001	1
S4	5.0000	5.0305	.030	.609	.60015	.000	1
S5	10.000	9.9424	-.058	-.576	1.1862	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



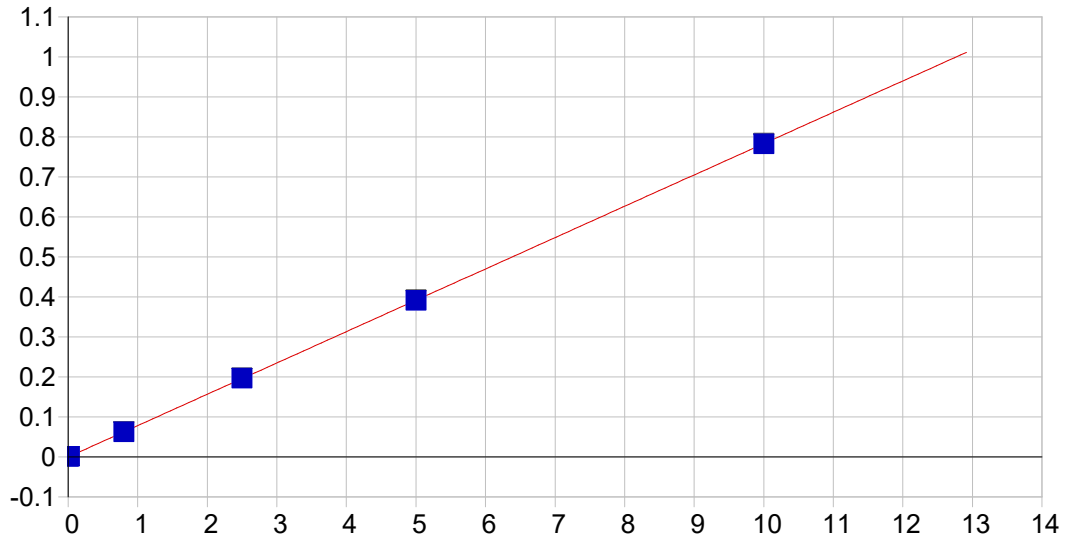
Pb 220.353 {453}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000317	Re-Slope:	1.000000
A1 (Gain):	0.297299	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.001476		
Predicted MQL:	0.004920		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.001	1
S1	.01200	.01118	-.001	-6.79	.00357	.000	1
S2	.80000	.77522	-.025	-3.10	.23058	.000	1
S3	2.5000	2.4770	-.023	-.920	.73606	.000	1
S4	5.0000	4.9713	-.029	-.573	1.4770	.001	1
S5	10.000	10.077	.077	.772	2.9936	.004	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



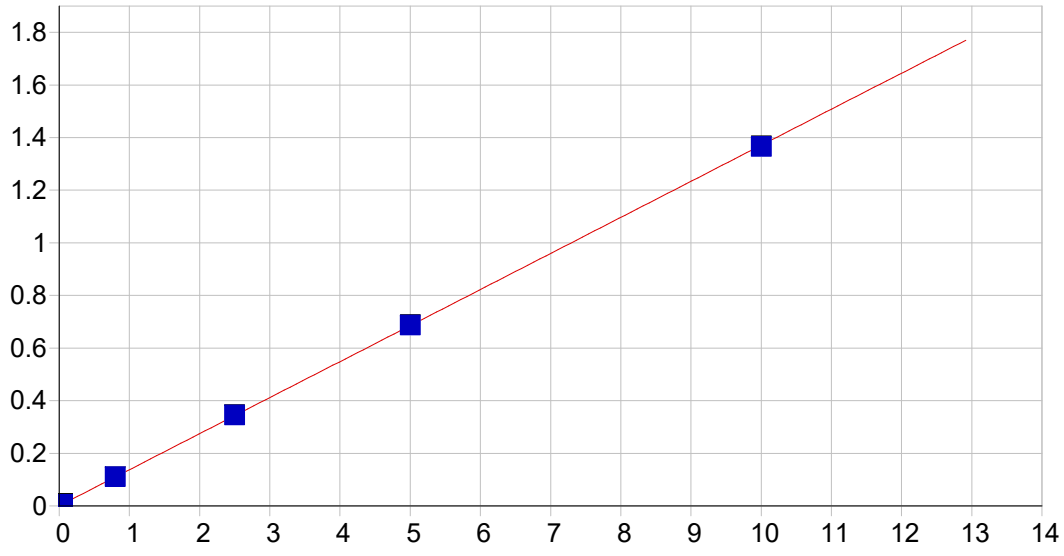
Se 196.090 {472}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000060	Re-Slope:	1.000000
A1 (Gain):	0.078333	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.003498		
Predicted MQL:	0.011660		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02074	.001	3.72	.00156	.000	1
S2	.80000	.79955	-.000	-.056	.06254	.000	1
S3	2.5000	2.5094	.009	.376	.19639	.000	1
S4	5.0000	4.9976	-.002	-.047	.39119	.001	1
S5	10.000	9.9927	-.007	-.073	.78224	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



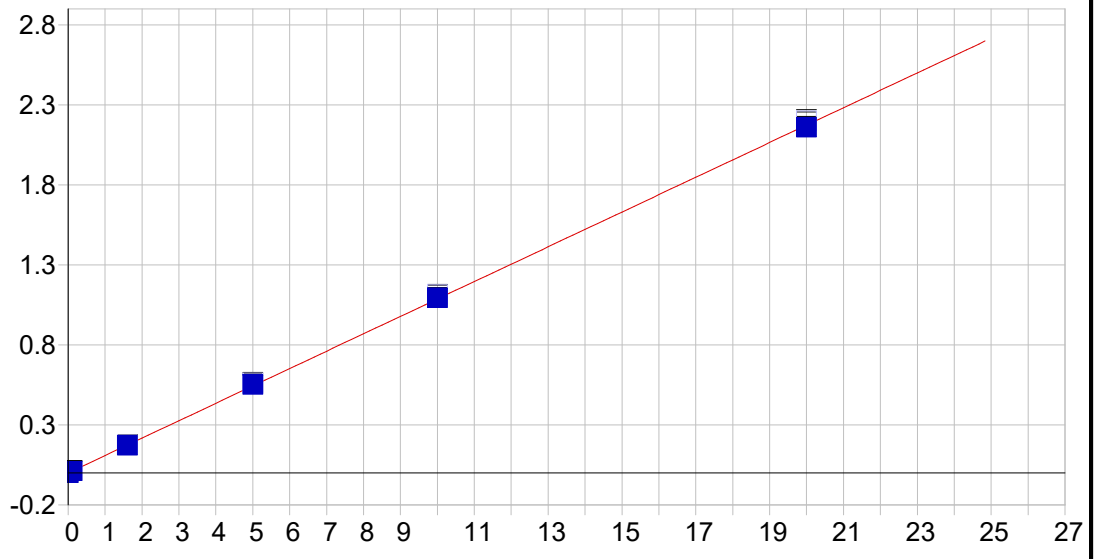
Sb 206.833 {463}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000395	Re-Slope:	1.000000
A1 (Gain):	0.137033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.002621		
Predicted MQL:	0.008737		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.05000	.05352	.004	7.04	.00766	.000	1
S2	.80000	.80328	.003	.410	.11030	.001	1
S3	2.5000	2.5157	.016	.626	.34460	.000	1
S4	5.0000	5.0084	.008	.168	.68567	.002	1
S5	10.000	9.9692	-.031	-.308	1.3644	.002	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



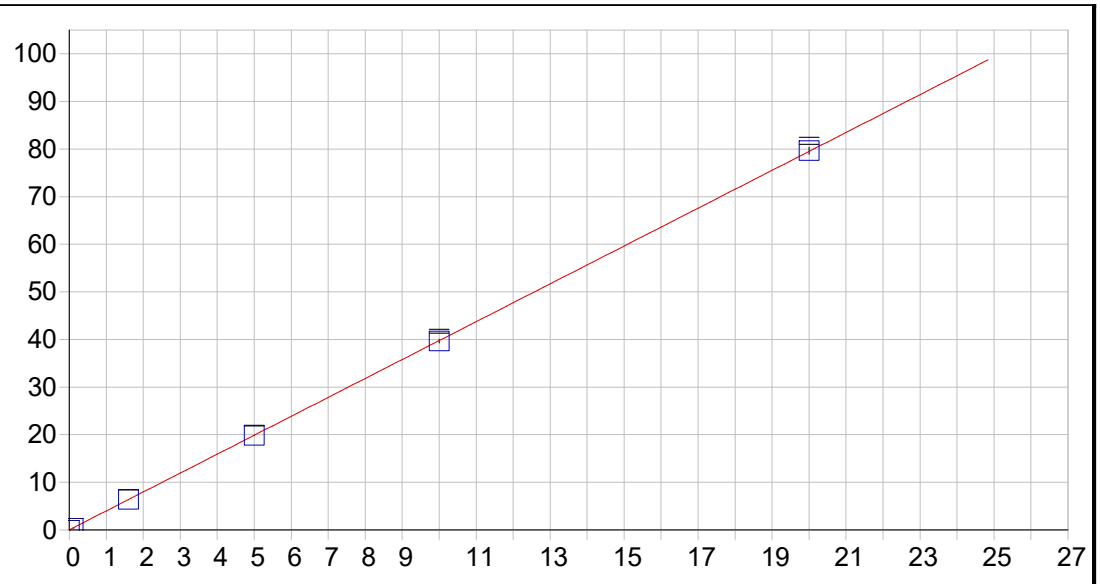
Al 396.152 { 85}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000214	Re-Slope:	1.000000
A1 (Gain):	0.108676	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.023048		
Predicted MQL:	0.076827		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.001	1
S1	.10000	.10138	.001	1.38	.01204	.002	1
S2	1.6000	1.5830	-.017	-1.06	.17549	.003	1
S3	5.0000	5.0774	.077	1.55	.56212	.004	1
S4	10.000	10.064	.064	.644	1.1142	.002	1
S5	20.000	19.874	-.126	-.631	2.2005	.007	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



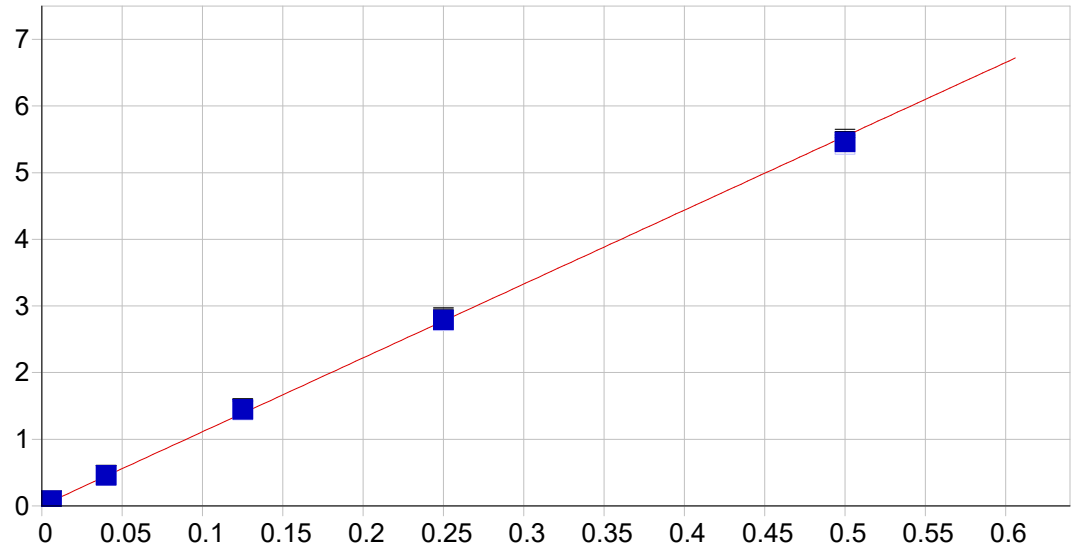
Ba 493.409 { 68}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.017104	Re-Slope:	1.000000
A1 (Gain):	3.974725	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	OK.
Std Error of Est:	0.000622		
Predicted MDL:	0.000992		
Predicted MQL:	0.003306		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01710	.002	1
S1	.10000	.10085	.001	.854	.41797	.005	1
S2	1.6000	1.5981	-.002	-.116	6.3693	.023	1
S3	5.0000	4.9874	-.013	-.253	19.840	.054	1
S4	10.000	9.9767	-.023	-.233	39.672	.399	1
S5	20.000	20.037	.037	.184	79.658	.751	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



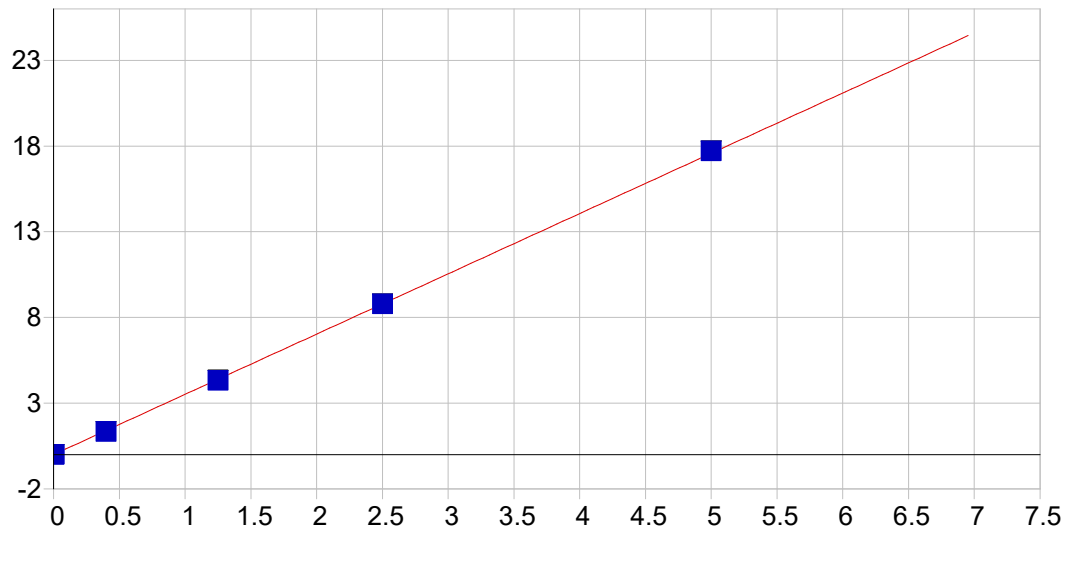
Be 234.861 {144}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004378	Re-Slope:	1.000000
A1 (Gain):	11.083936	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999793	Status:	OK.
Std Error of Est:	0.000644		
Predicted MDL:	0.000135		
Predicted MQL:	0.000449		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00437	.001	1
S1	.00600	.00639	.000	6.48	.07448	.001	1
S2	.04000	.04095	.001	2.38	.45532	.003	1
S3	.12500	.12999	.005	3.99	1.4359	.012	1
S4	.25000	.25145	.001	.578	2.7729	.032	1
S5	.50000	.49223	-.008	-1.55	5.4233	.044	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



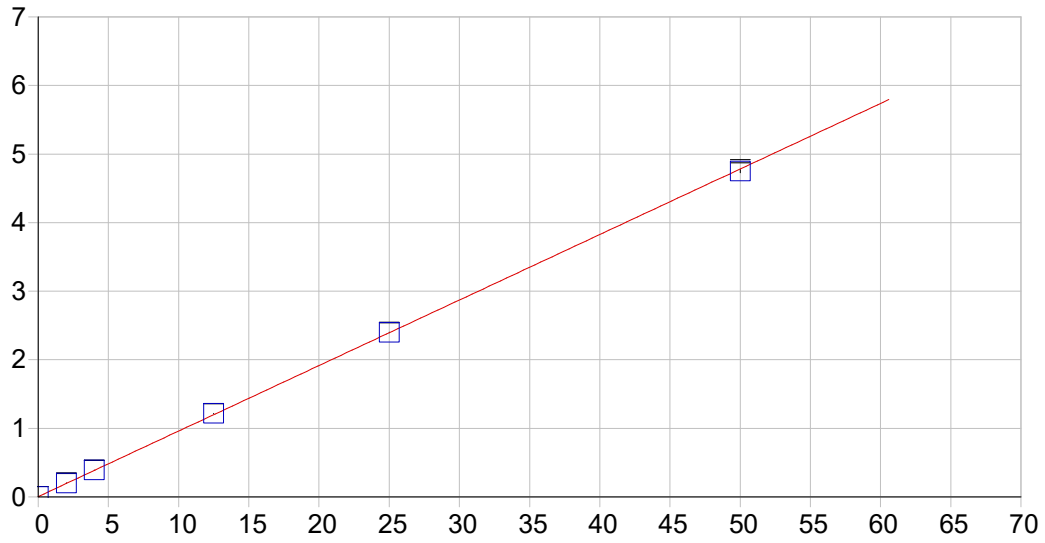
Cd 214.438 {457}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000002	Re-Slope:	1.000000
A1 (Gain):	3.515592	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000397		
Predicted MDL:	0.000078		
Predicted MQL:	0.000261		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.00600	.00569	-.000	-5.23	.02001	.000	1
S2	.40000	.38096	-.019	-4.76	1.3394	.001	1
S3	1.2500	1.2334	-.017	-1.33	4.3365	.007	1
S4	2.5000	2.4990	-.001	-.039	8.7863	.017	1
S5	5.0000	5.0369	.037	.738	17.709	.019	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



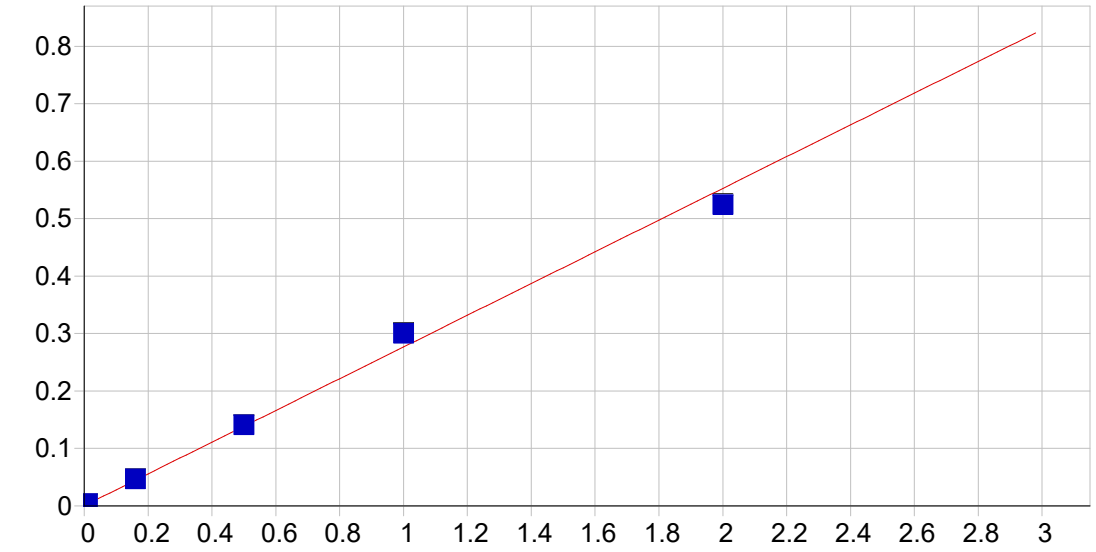
Ca 373.690 { 90}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004802	Re-Slope:	1.000000
A1 (Gain):	0.095546	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000423		
Predicted MDL:	0.021378		
Predicted MQL:	0.071262		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00479	.002	1
S1	2.0000	2.0548	.055	2.74	.20113	.003	1
S2	4.0000	4.0350	.035	.875	.39033	.003	1
S3	12.500	12.676	.176	1.41	1.2160	.004	1
S4	25.000	25.059	.059	.237	2.3991	.006	1
S5	50.000	49.675	-.325	-.651	4.7510	.022	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



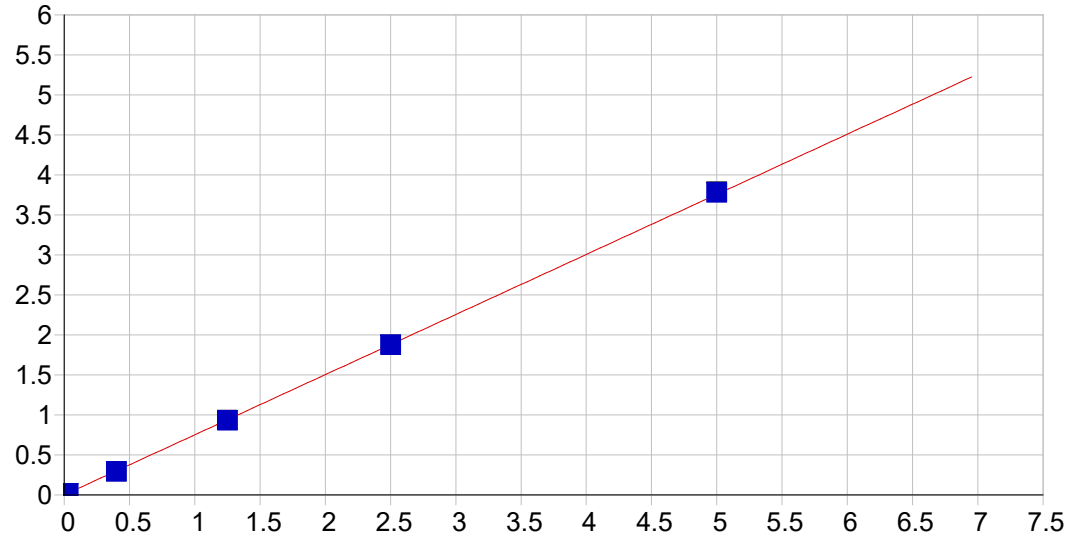
Cr 267.716 {126}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000466	Re-Slope:	1.000000
A1 (Gain):	0.276128	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998130	Status:	OK.
Std Error of Est:	0.000125		
Predicted MDL:	0.000853		
Predicted MQL:	0.002844		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.01000	.01205	.002	20.5	.00380	.000	1
S2	.16000	.16777	.008	4.85	.04683	.000	1
S3	.50000	.50774	.008	1.55	.14079	.001	1
S4	1.0000	1.0864	.086	8.64	.30070	.001	1
S5	2.0000	1.8961	-.104	-5.20	.52452	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



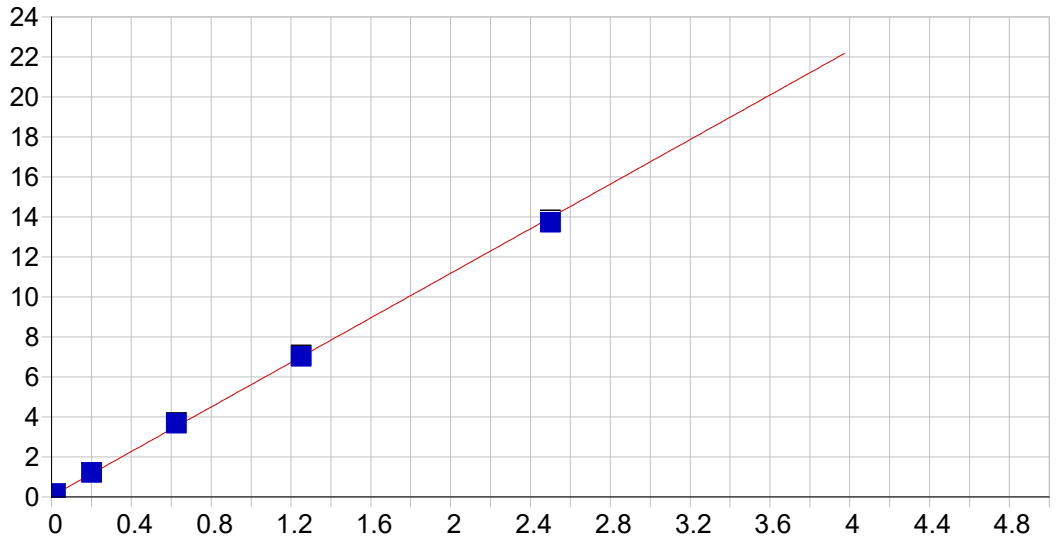
Co 228.616 {448}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000194	Re-Slope:	1.000000
A1 (Gain):	0.751443	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000136		
Predicted MDL:	0.000368		
Predicted MQL:	0.001227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.03000	.03035	.000	1.17	.02287	.000	1
S2	.40000	.38691	-.013	-3.27	.29131	.000	1
S3	1.2500	1.2384	-.012	-.925	.93196	.001	1
S4	2.5000	2.4942	-.006	-.231	1.8768	.002	1
S5	5.0000	5.0301	.030	.602	3.7846	.004	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



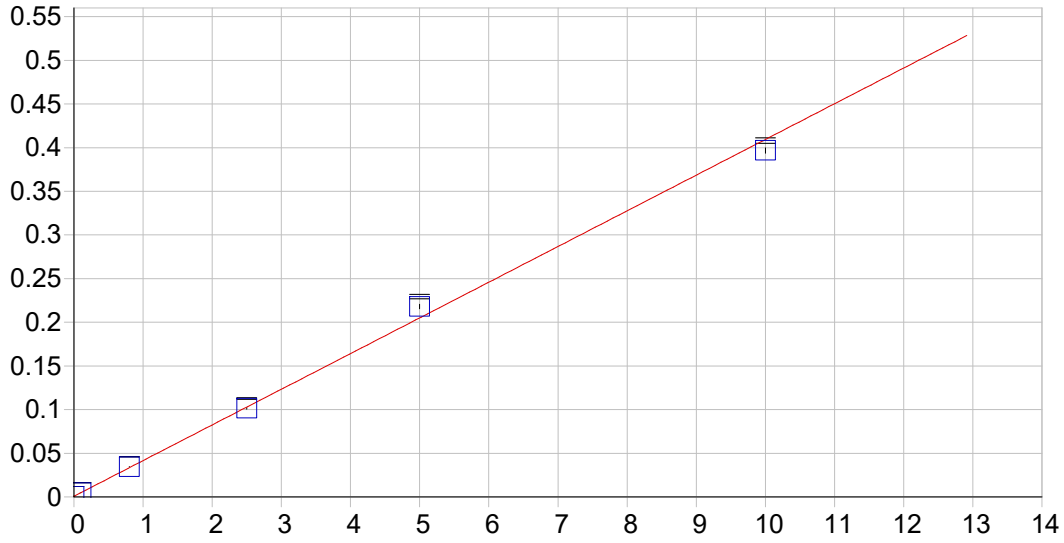
Cu 324.754 {104}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.040967	Re-Slope:	1.000000
A1 (Gain):	5.570447	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999696	Status:	OK.
Std Error of Est:	0.001614		
Predicted MDL:	0.000637		
Predicted MQL:	0.002124		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.04095	.001	1
S1	.02000	.02217	.002	10.8	.16449	.003	1
S2	.20000	.21081	.011	5.40	1.2158	.007	1
S3	.62500	.65265	.028	4.42	3.6782	.031	1
S4	1.2500	1.2528	.003	.222	7.0229	.068	1
S5	2.5000	2.4566	-.043	-1.74	13.732	.112	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



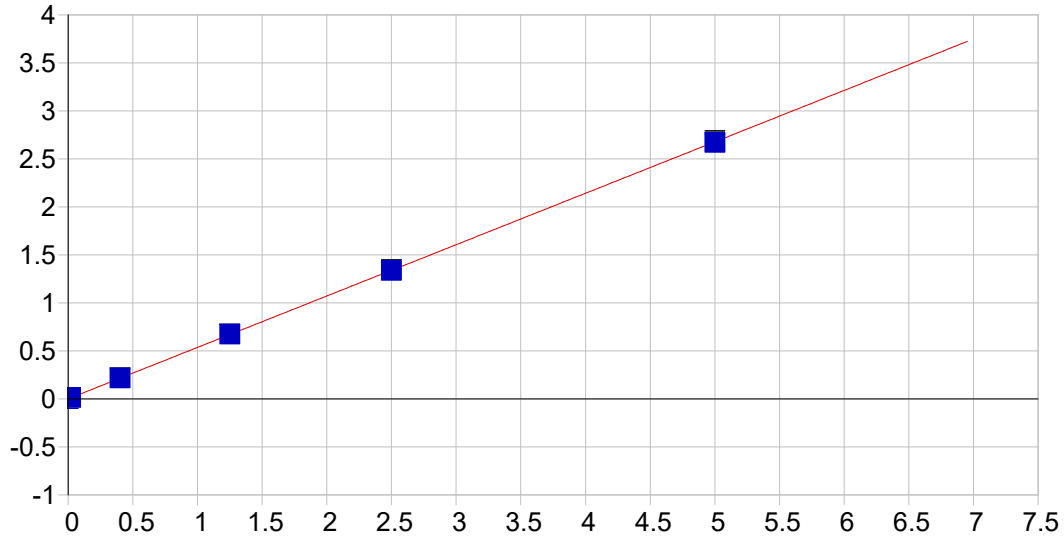
Fe 259.837 {130}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000711	Re-Slope:	1.000000
A1 (Gain):	0.040865	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999155	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.016654		
Predicted MQL:	0.055512		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00071	.000	1
S1	.10000	.10081	.001	.808	.00483	.000	1
S2	.80000	.82687	.027	3.36	.03450	.000	1
S3	2.5000	2.4636	-.036	-1.45	.10139	.001	1
S4	5.0000	5.3175	.317	6.35	.21801	.003	1
S5	10.000	9.6912	-.309	-3.09	.39674	.003	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



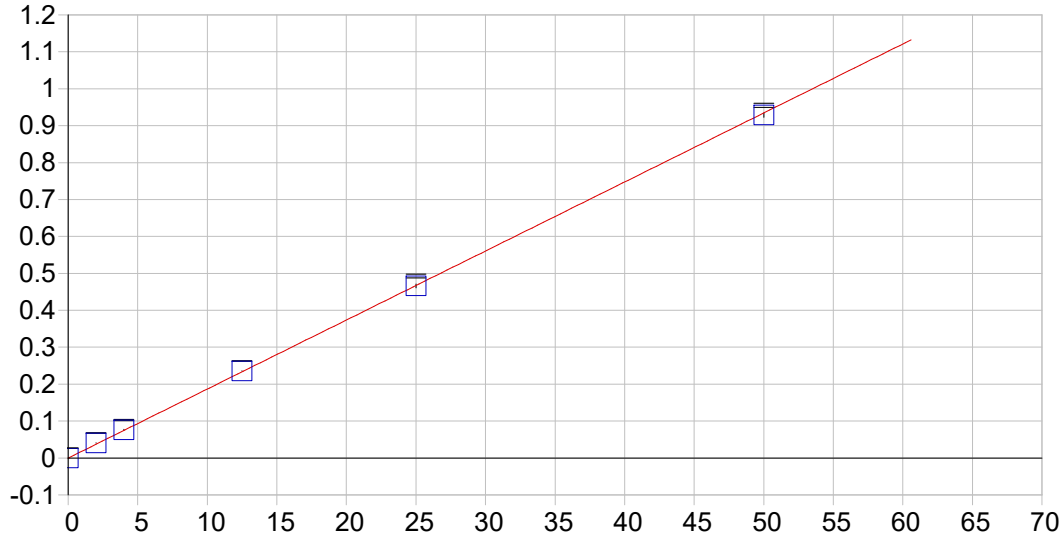
Mn 257.610 {131}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000159	Re-Slope:	1.000000
A1 (Gain):	0.535649	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000070		
Predicted MDL:	0.001193		
Predicted MQL:	0.003976		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02261	.003	13.1	.01229	.000	1
S2	.40000	.40671	.007	1.68	.21821	.001	1
S3	1.2500	1.2591	.009	.728	.67520	.001	1
S4	2.5000	2.4974	-.003	-.105	1.3391	.008	1
S5	5.0000	4.9842	-.016	-.316	2.6723	.017	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



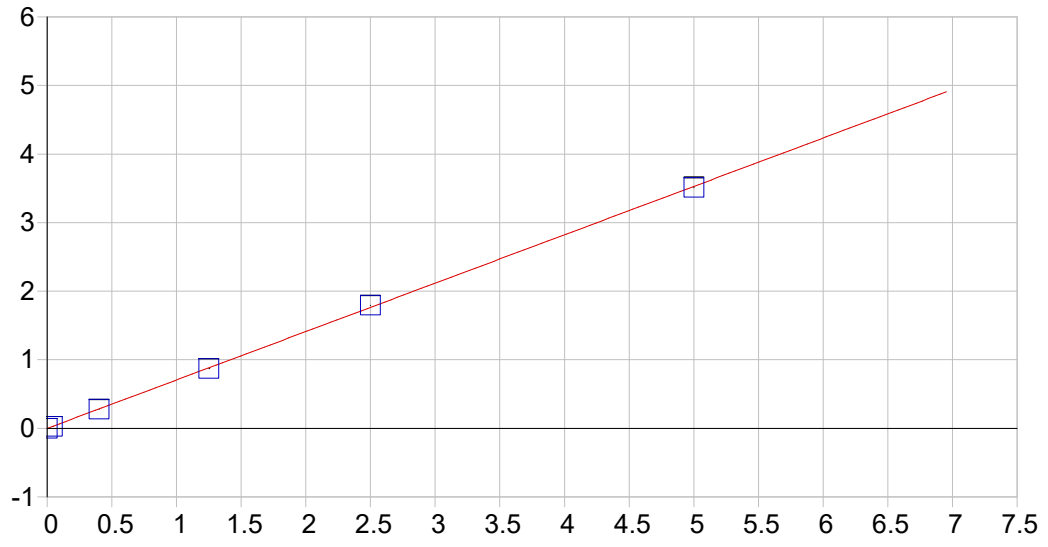
Mg 279.079 {121}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000179	Re-Slope:	1.000000
A1 (Gain):	0.018692	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999887	Status:	OK.
Std Error of Est:	0.000149		
Predicted MDL:	0.046393		
Predicted MQL:	0.154644		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	-.00018	.001	1
S1	2.0000	2.1828	.183	9.14	.04062	.001	1
S2	4.0000	4.0639	.064	1.60	.07578	.002	1
S3	12.500	12.625	.125	1.00	.23581	.001	1
S4	25.000	24.941	-.059	-.236	.46601	.005	1
S5	50.000	49.687	-.313	-.626	.92855	.006	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



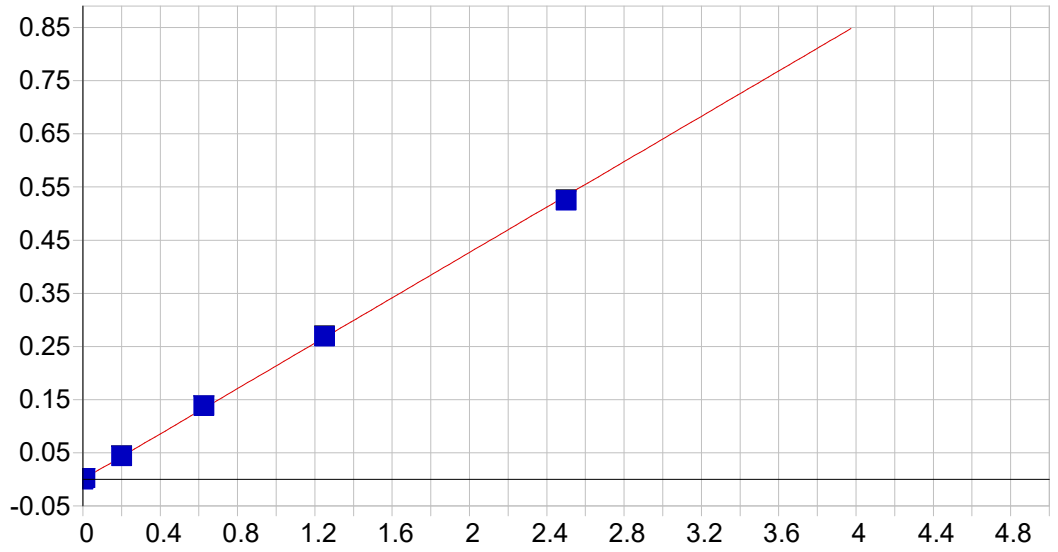
Ni 231.604 {446}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	0.705648	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000178		
Predicted MDL:	0.000460		
Predicted MQL:	0.001532		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.04000	.03943	-.001	-1.42	.02774	.000	1
S2	.40000	.39249	-.008	-1.88	.27688	.001	1
S3	1.2500	1.2357	-.014	-1.14	.87191	.002	1
S4	2.5000	2.5413	.041	1.65	1.7932	.003	1
S5	5.0000	4.9811	-.019	-.379	3.5148	.005	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



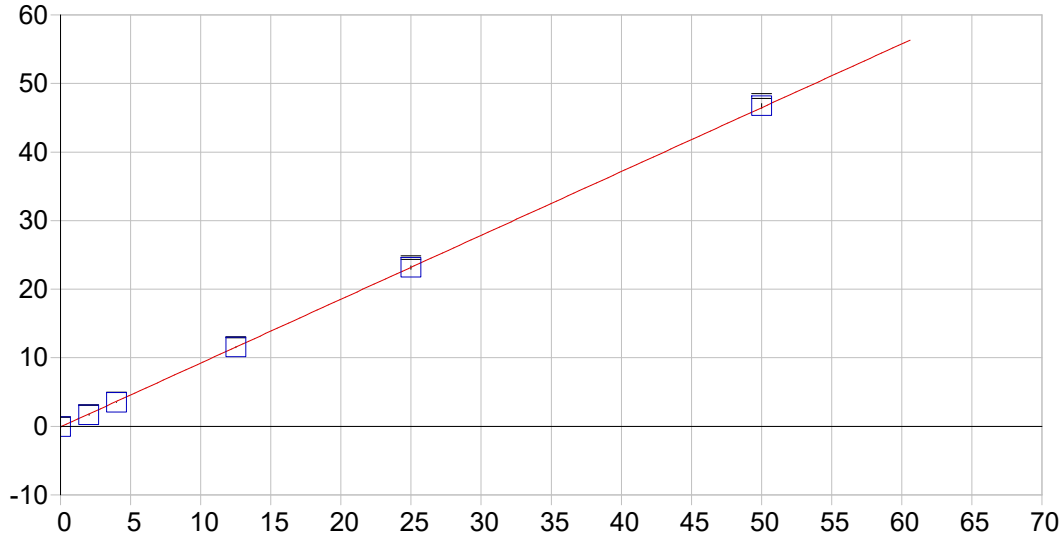
Ag 328.068 {103}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000070	Re-Slope:	1.000000
A1 (Gain):	0.213423	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999797	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.001292		
Predicted MQL:	0.004307		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01039	.000	3.86	.00228	.000	1
S2	.20000	.20635	.006	3.18	.04408	.000	1
S3	.62500	.64868	.024	3.79	.13840	.001	1
S4	1.2500	1.2603	.010	.825	.26883	.001	1
S5	2.5000	2.4593	-.041	-1.63	.52449	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



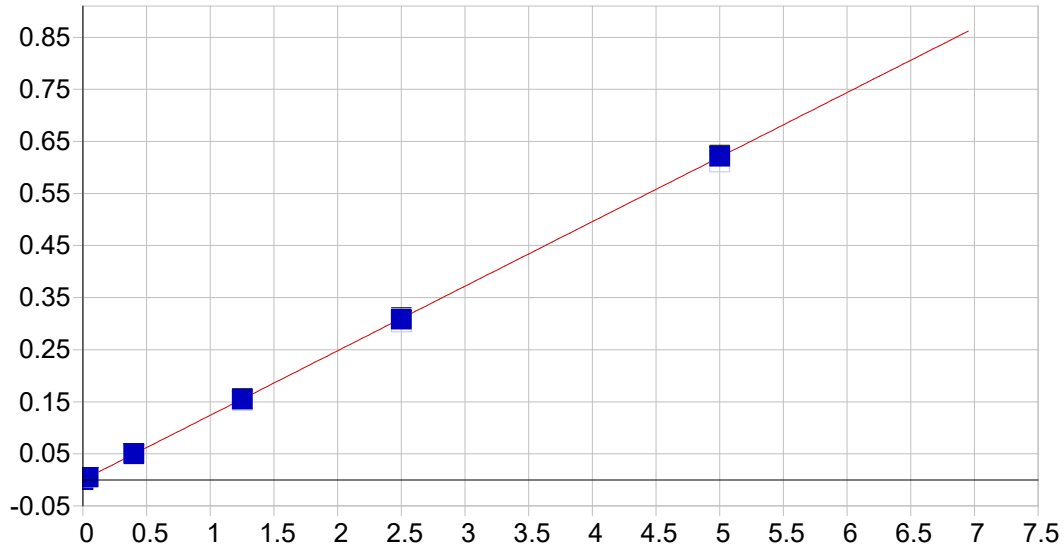
Na 818.326 { 41}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.078726	Re-Slope:	1.000000
A1 (Gain):	0.930819	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.006009		
Predicted MDL:	0.012270		
Predicted MQL:	0.040900		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-.07856	.030	1
S1	2.0000	1.8831	-.117	-5.84	1.6741	.013	1
S2	4.0000	3.8550	-.145	-3.63	3.5095	.011	1
S3	12.500	12.487	-.013	-.106	11.544	.074	1
S4	25.000	24.977	-.023	-.091	23.170	.265	1
S5	50.000	50.298	.298	.596	46.740	.351	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



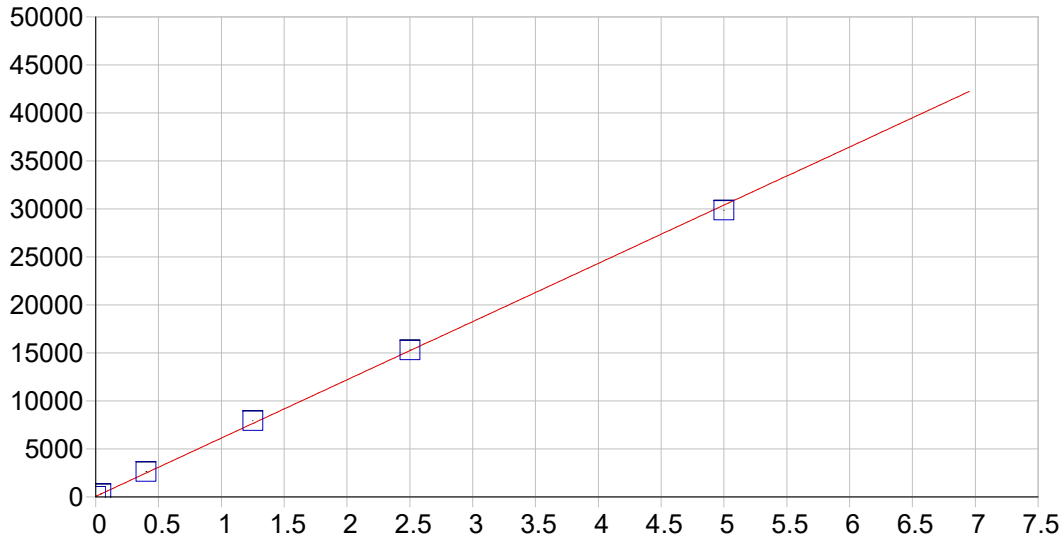
V 292.402 {115}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000030	Re-Slope:	1.000000
A1 (Gain):	0.123987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.006288		
Predicted MQL:	0.020961		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.04000	.04046	.000	1.15	.00483	.000	1
S2	.40000	.40206	.002	.514	.04899	.000	1
S3	1.2500	1.2492	-.001	-.063	.15215	.001	1
S4	2.5000	2.4870	-.013	-.519	.30286	.003	1
S5	5.0000	5.0113	.011	.225	.61029	.002	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



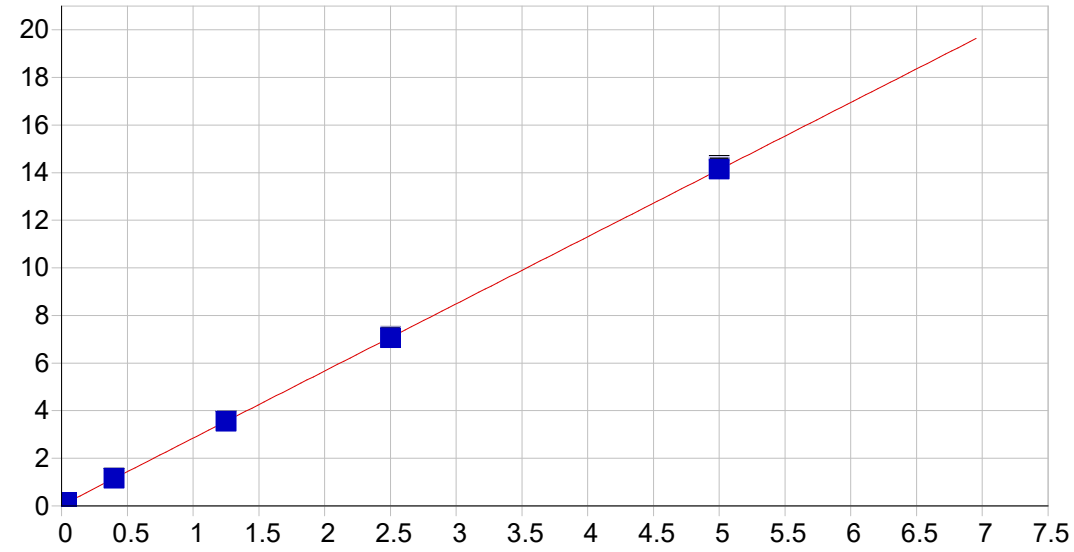
Zn 206.200 {464}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	66.317102	Re-Slope:	1.000000
A1 (Gain):	6065.396240	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999720	Status:	OK.
Std Error of Est:	3.371967		
Predicted MDL:	0.000225		
Predicted MQL:	0.000750		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	66.274	1.27	1
S1	.04000	.04388	.004	9.70	332.48	1.16	1
S2	.40000	.42217	.022	5.54	2626.9	9.52	1
S3	1.2500	1.2992	.049	3.94	7946.7	13.7	1
S4	2.5000	2.5126	.013	.506	15307.	9.83	1
S5	5.0000	4.9121	-.088	-1.76	29860.	19.5	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



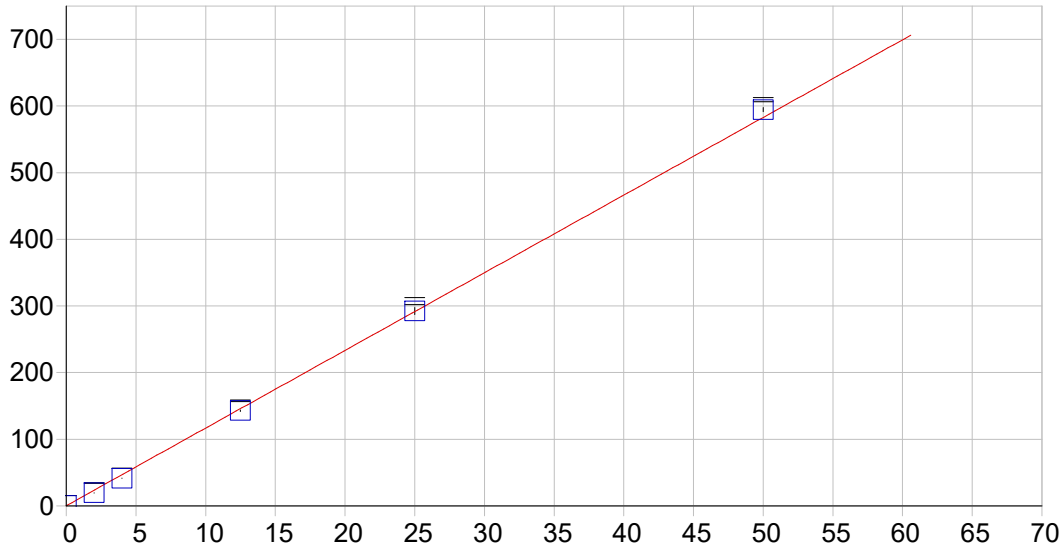
Zn 213.856 {158}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.026821	Re-Slope:	1.000000
A1 (Gain):	2.820464	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.000429		
Predicted MQL:	0.001431		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02682	.000	1
S1	.04000	.04135	.001	3.37	.14426	.001	1
S2	.40000	.40053	.001	.132	1.1647	.003	1
S3	1.2500	1.2489	-.001	-.088	3.5750	.010	1
S4	2.5000	2.4924	-.008	-.303	7.1079	.016	1
S5	5.0000	5.0068	.007	.136	14.251	.050	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



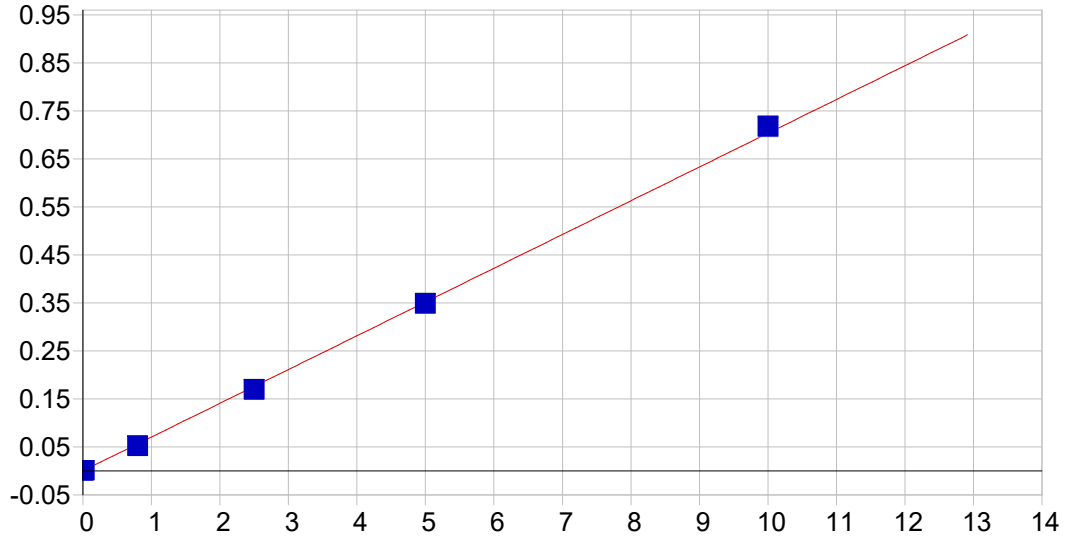
K 769.896 { 44}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.301830	Re-Slope:	1.000000
A1 (Gain):	11.651344	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999246	Status:	OK.
Std Error of Est:	0.239565		
Predicted MDL:	0.000923		
Predicted MQL:	0.003077		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	.30856	.008	1
S1	2.0000	1.6511	-.349	-17.4	19.540	.113	1
S2	4.0000	3.5344	-.466	-11.6	41.482	.295	1
S3	12.500	12.238	-.262	-2.10	142.89	1.24	1
S4	25.000	25.071	.071	.283	292.41	5.37	1
S5	50.000	51.006	1.01	2.01	594.59	3.01	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



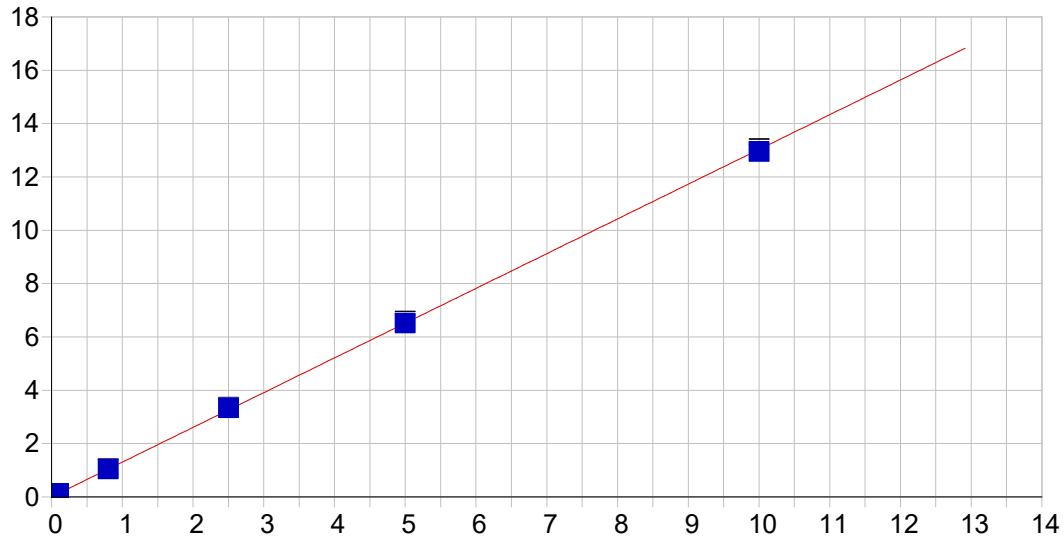
P 177.495 {490}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000202	Re-Slope:	1.000000
A1 (Gain):	0.070327	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999642	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.002070		
Predicted MQL:	0.006901		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.02000	.01906	-.001	-4.71	.00153	.000	1
S2	.80000	.73541	-.065	-8.07	.05179	.000	1
S3	2.5000	2.4083	-.092	-3.67	.16916	.000	1
S4	5.0000	4.9557	-.044	-.886	.34791	.001	1
S5	10.000	10.202	.202	2.02	.71602	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



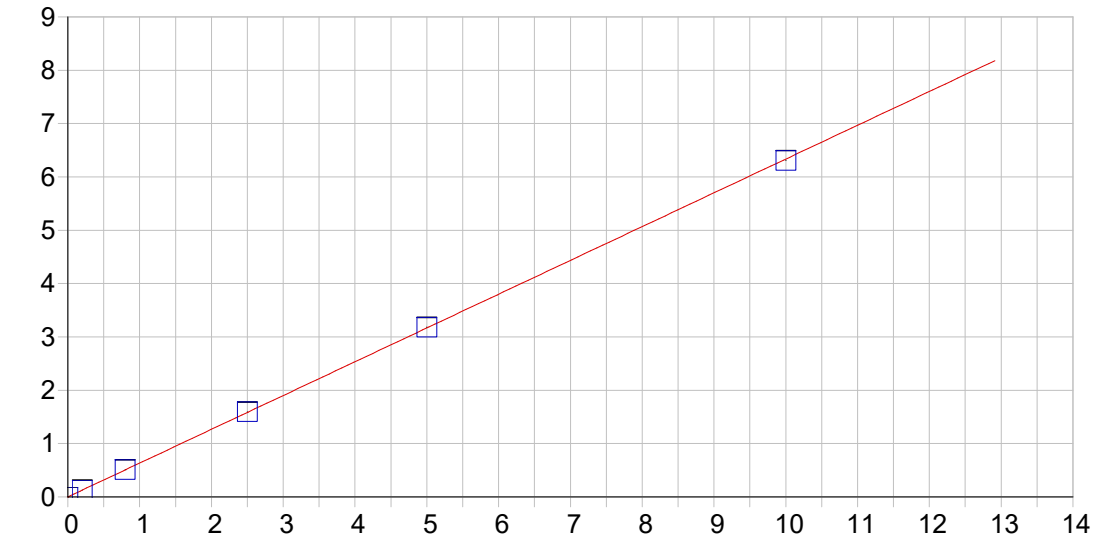
B 249.678 {135}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002032	Re-Slope:	1.000000
A1 (Gain):	1.302810	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000663		
Predicted MDL:	0.001444		
Predicted MQL:	0.004814		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00203	.001	1
S1	.10000	.10057	.001	.572	.13291	.001	1
S2	.80000	.80077	.001	.096	1.0445	.002	1
S3	2.5000	2.5574	.057	2.30	3.3314	.028	1
S4	5.0000	5.0045	.004	.090	6.5170	.070	1
S5	10.000	9.9368	-.063	-.632	12.938	.109	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



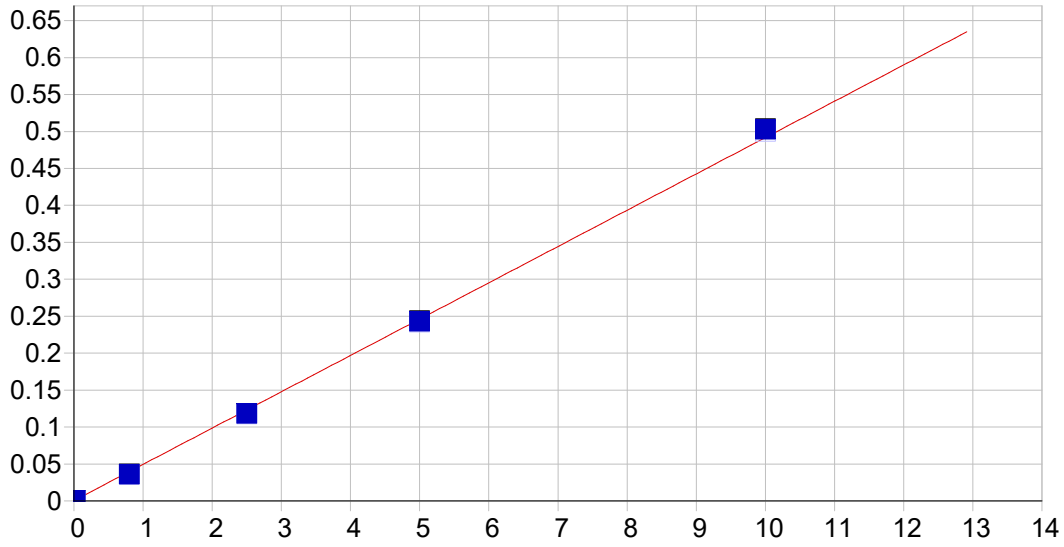
Mo 202.030 {467}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000460	Re-Slope:	1.000000
A1 (Gain):	0.633470	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000234		
Predicted MDL:	0.000470		
Predicted MQL:	0.001566		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.20000	.20272	.003	1.36	.12888	.000	1
S2	.80000	.80147	.001	.184	.50817	.000	1
S3	2.5000	2.5171	.017	.686	1.5950	.002	1
S4	5.0000	5.0228	.023	.456	3.1823	.006	1
S5	10.000	9.9559	-.044	-.441	6.3072	.002	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



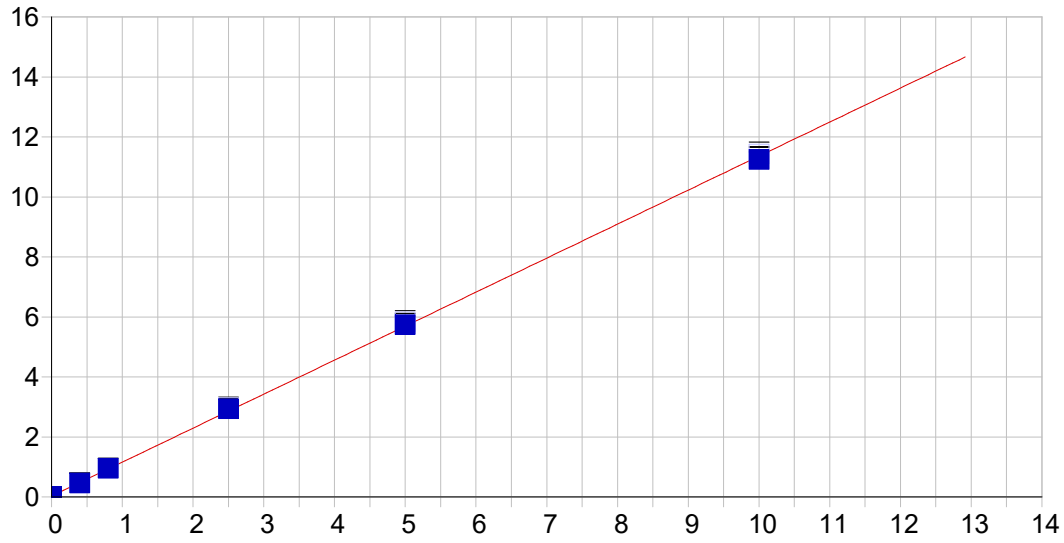
S 182.034 {485}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000307	Re-Slope:	1.000000
A1 (Gain):	0.049142	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999547	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.003080		
Predicted MQL:	0.010265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.02000	.02138	.001	6.92	.00128	.000	1
S2	.80000	.72900	-.071	-8.88	.03587	.000	1
S3	2.5000	2.3997	-.100	-4.01	.11742	.000	1
S4	5.0000	4.9409	-.059	-1.18	.24148	.001	1
S5	10.000	10.229	.229	2.29	.49972	.001	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



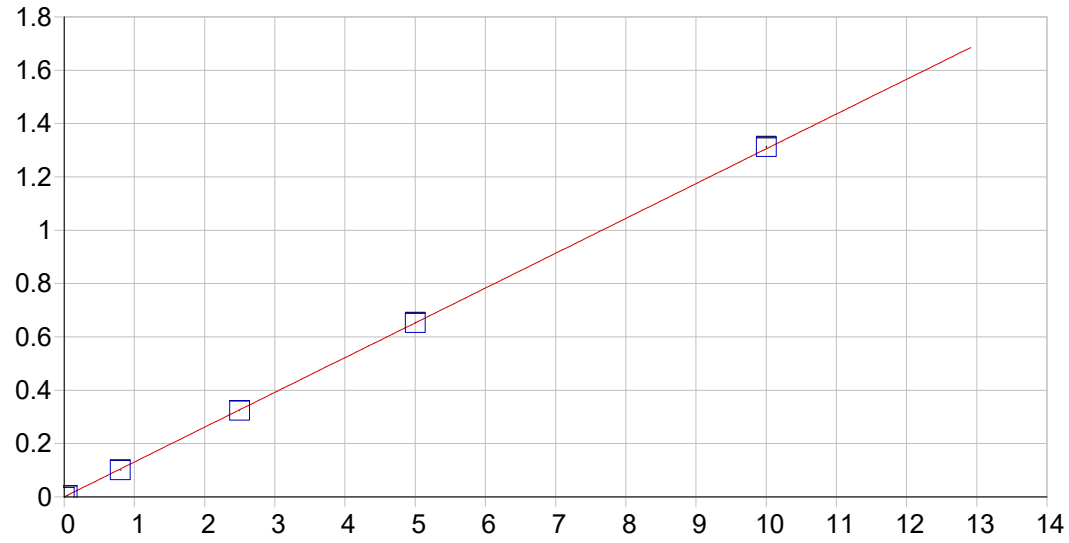
Si 251.611 {134}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.024335	Re-Slope:	1.000000
A1 (Gain):	1.133602	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.001756		
Predicted MDL:	0.001514		
Predicted MQL:	0.005047		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02433	.001	1
S1	.40000	.38404	-.016	-3.99	.46232	.005	1
S2	.80000	.81401	.014	1.75	.96176	.002	1
S3	2.5000	2.5637	.064	2.55	2.9764	.024	1
S4	5.0000	5.0438	.044	.876	5.8336	.044	1
S5	10.000	9.8943	-.106	-1.06	11.424	.075	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



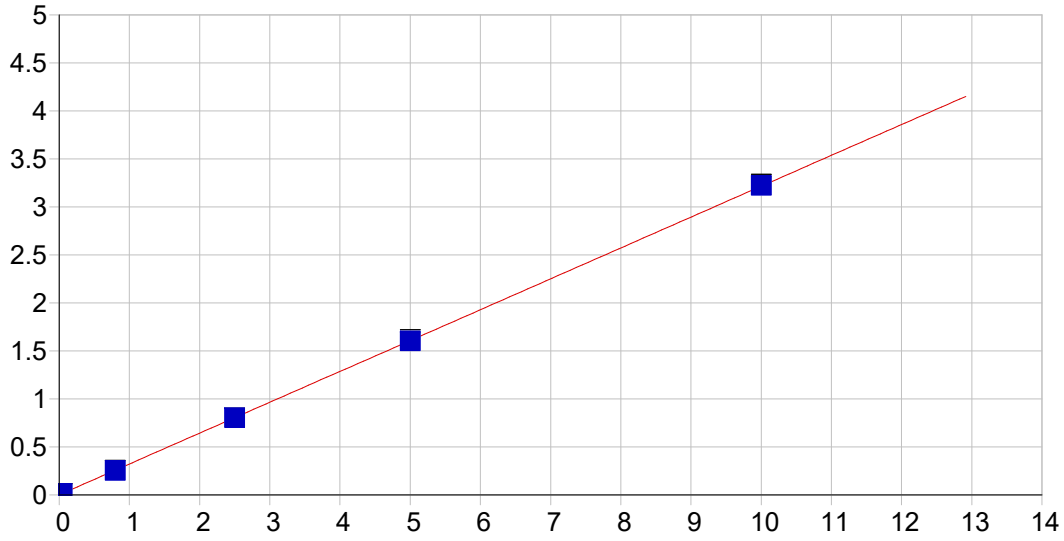
Sn 189.989 {478}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000454	Re-Slope:	1.000000
A1 (Gain):	0.130467	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.001012		
Predicted MQL:	0.003375		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00045	.000	1
S1	.04000	.03637	-.004	-9.06	.00520	.000	1
S2	.80000	.76728	-.033	-4.09	.10056	.000	1
S3	2.5000	2.4763	-.024	-.948	.32353	.000	1
S4	5.0000	5.0027	.003	.054	.65314	.002	1
S5	10.000	10.057	.057	.573	1.3126	.003	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



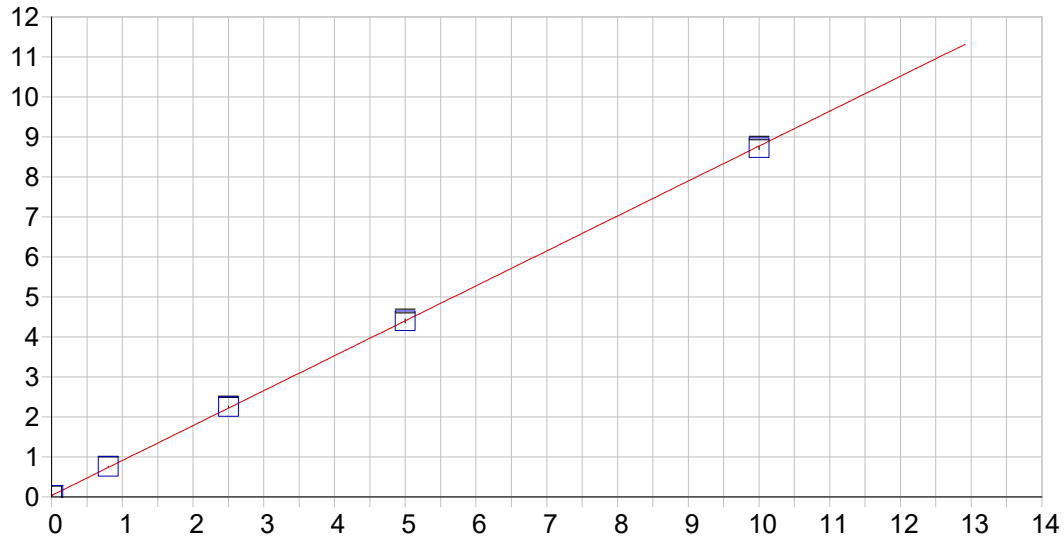
Ti 336.121 {100}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000472	Re-Slope:	1.000000
A1 (Gain):	0.321464	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.004045		
Predicted MQL:	0.013482		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.04000	.03786	-.002	-5.35	.01263	.001	1
S2	.80000	.79017	-.010	-1.23	.25435	.001	1
S3	2.5000	2.4958	-.004	-.167	.80239	.002	1
S4	5.0000	4.9881	-.012	-.238	1.6032	.013	1
S5	10.000	10.028	.028	.280	3.2225	.013	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



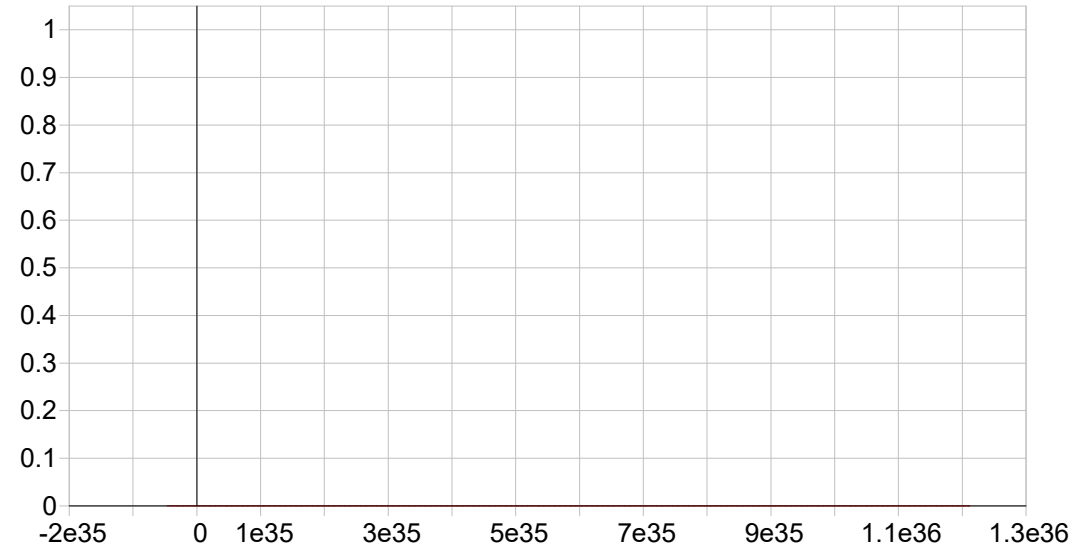
Li 670.784 { 50}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.036240	Re-Slope:	1.000000
A1 (Gain):	0.873419	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000350		
Predicted MDL:	0.006291		
Predicted MQL:	0.020972		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03625	.008	1
S5	10.000	9.9471	-.053	-.529	8.7242	.044	1
S4	5.0000	4.9952	-.005	-.096	4.3991	.049	1
S3	2.5000	2.5405	.040	1.62	2.2551	.013	1
S2	.80000	.82576	.026	3.22	.75748	.008	1
S1	.02000	.01152	-.008	-42.4	.04630	.005	1

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319

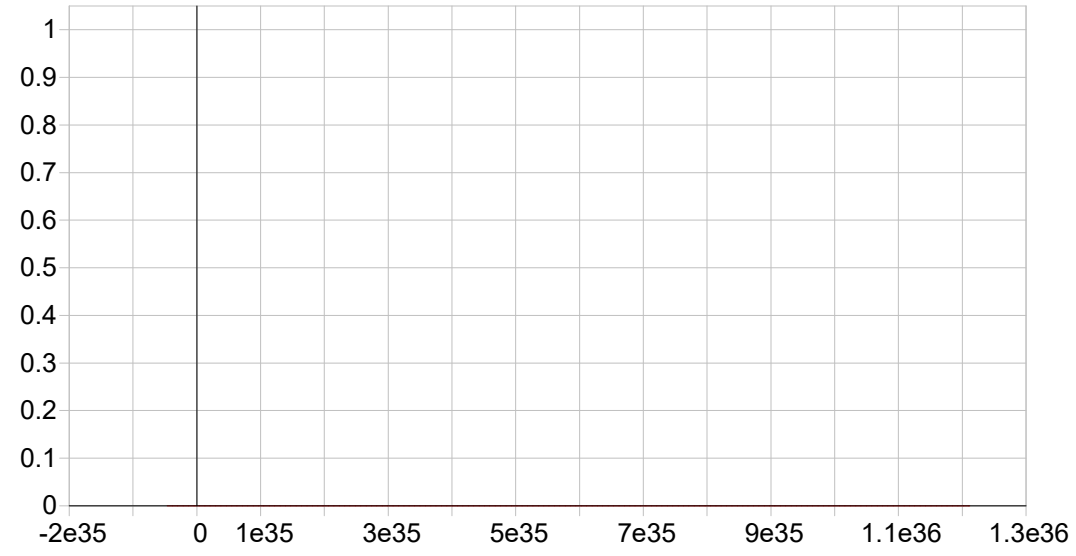


Y 224.306 {450}*

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



Y 360.073 { 94}*

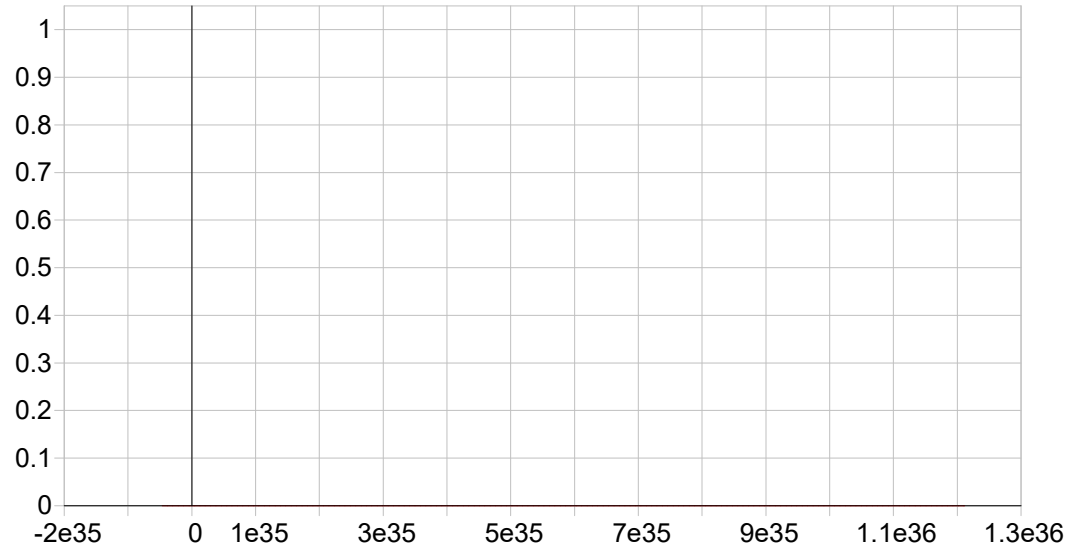
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319

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



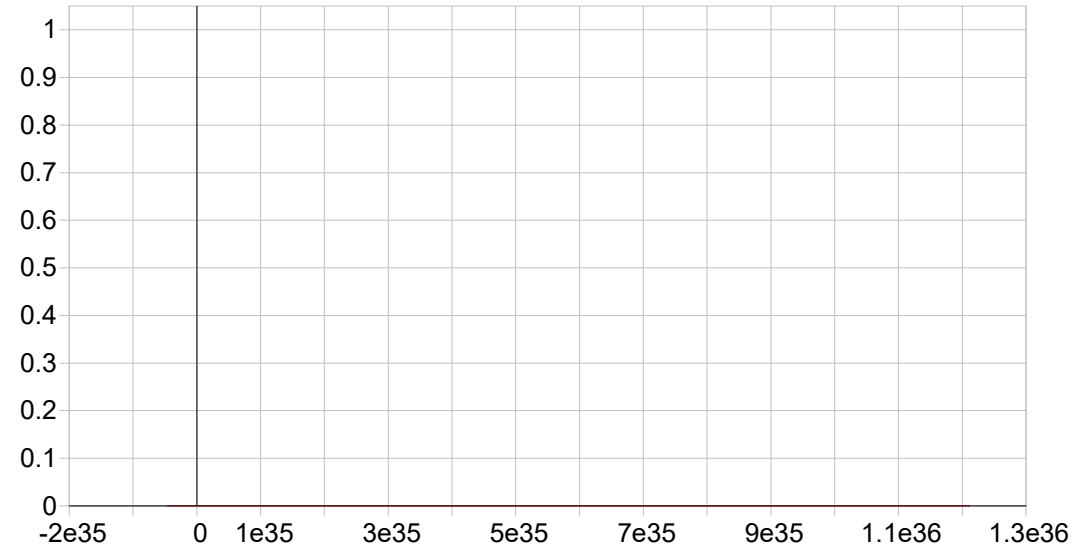
Y 371.030 { 91}*

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

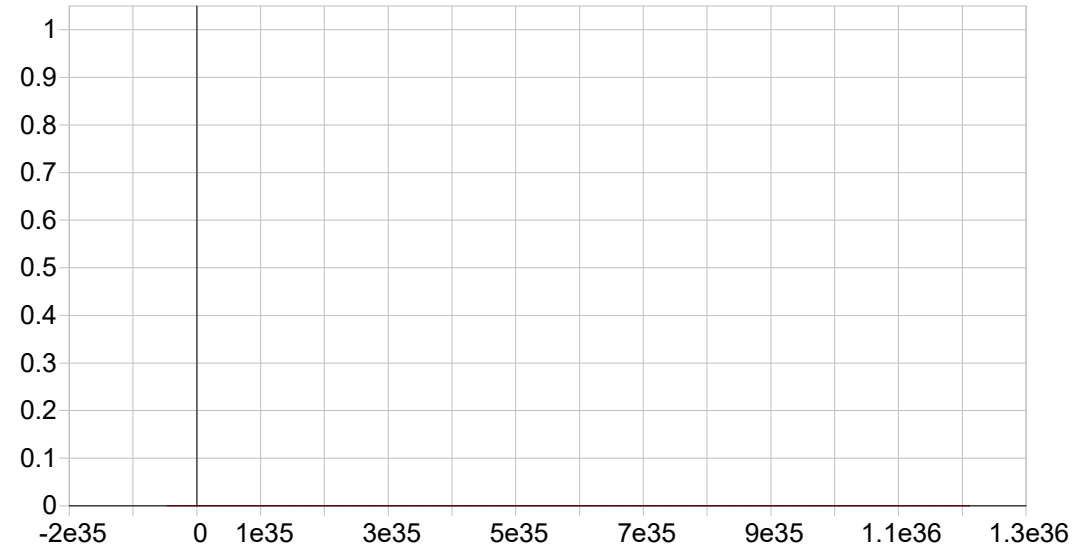
Reviewed By:jaswal
On:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319



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



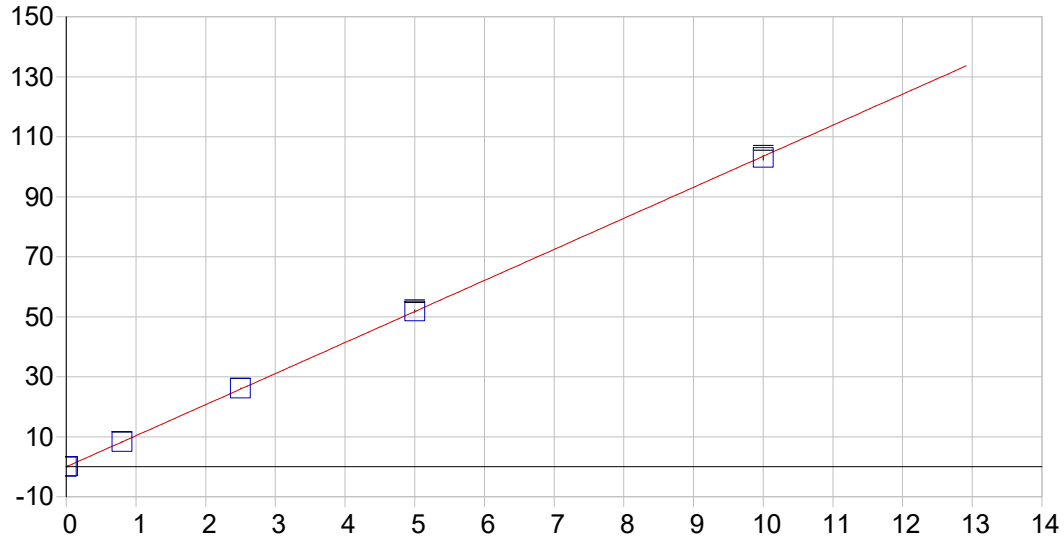
In 230.606 {446}*

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:7/2/2025 2:14:45 AM
Inst Id :P5
LB :LB136319

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



Sr 407.771 { 83}

Date of Fit:	6/27/2025 23:02:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000319	Re-Slope:	1.000000
A1 (Gain):	10.349802	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.001419		
Predicted MDL:	0.000219		
Predicted MQL:	0.000728		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.003	1
S1	.02000	.02048	.000	2.39	.21227	.002	1
S2	.80000	.80547	.005	.684	8.3368	.024	1
S3	2.5000	2.5289	.029	1.15	26.174	.033	1
S4	5.0000	5.0118	.012	.236	51.872	.384	1
S5	10.000	9.9534	-.047	-.466	103.02	.804	1