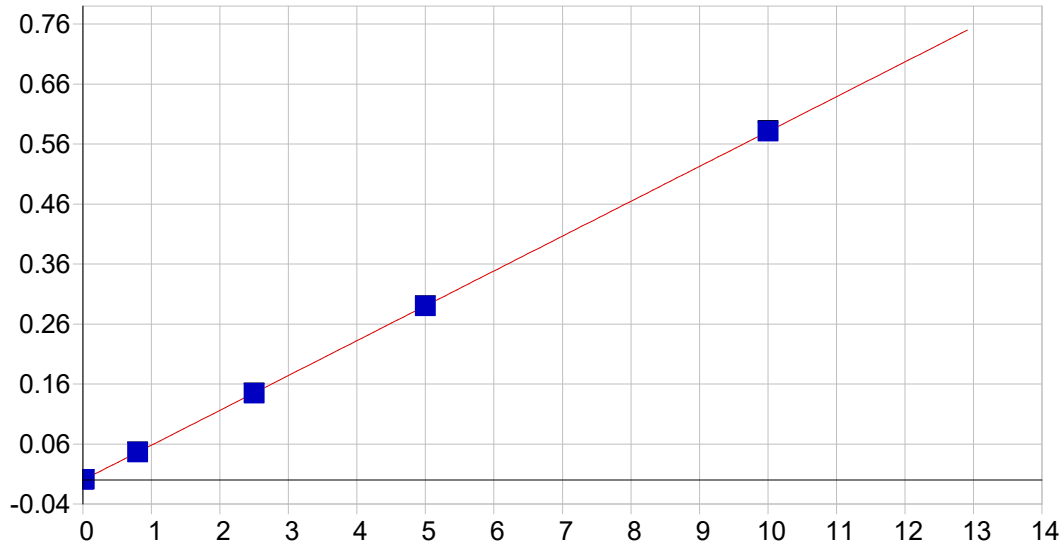
Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



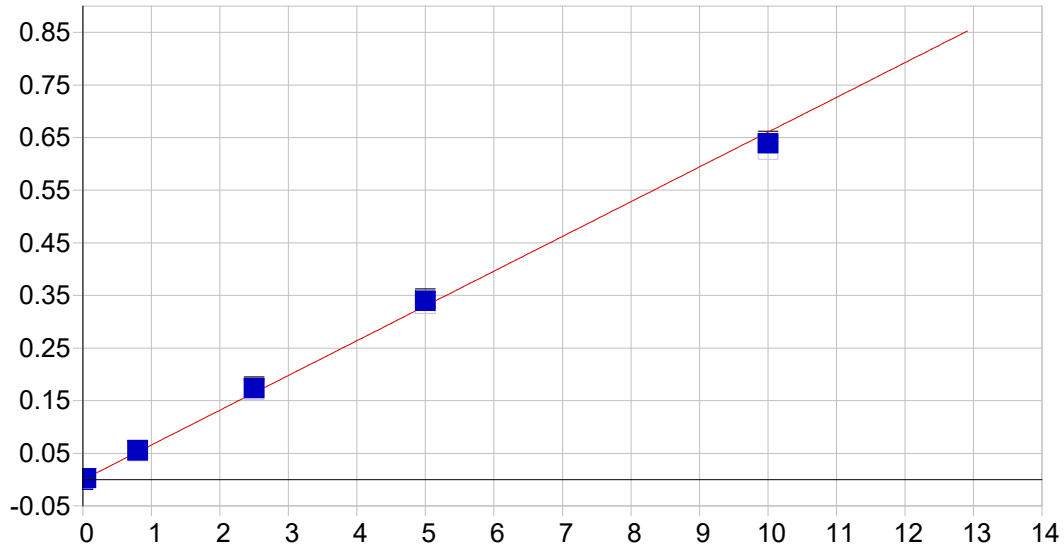
As 189.042 {479}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000119	Re-Slope:	1.000000
A1 (Gain):	0.058087	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.002411		
Predicted MQL:	0.008036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02200	.002	9.99	.00115	.000	1
S3	2.5000	2.4906	-.009	-.375	.14440	.000	1
S4	5.0000	4.9949	-.005	-.102	.28971	.000	1
S5	10.000	10.010	.010	.098	.58070	.001	1
S2	.80000	.80268	.003	.335	.04646	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



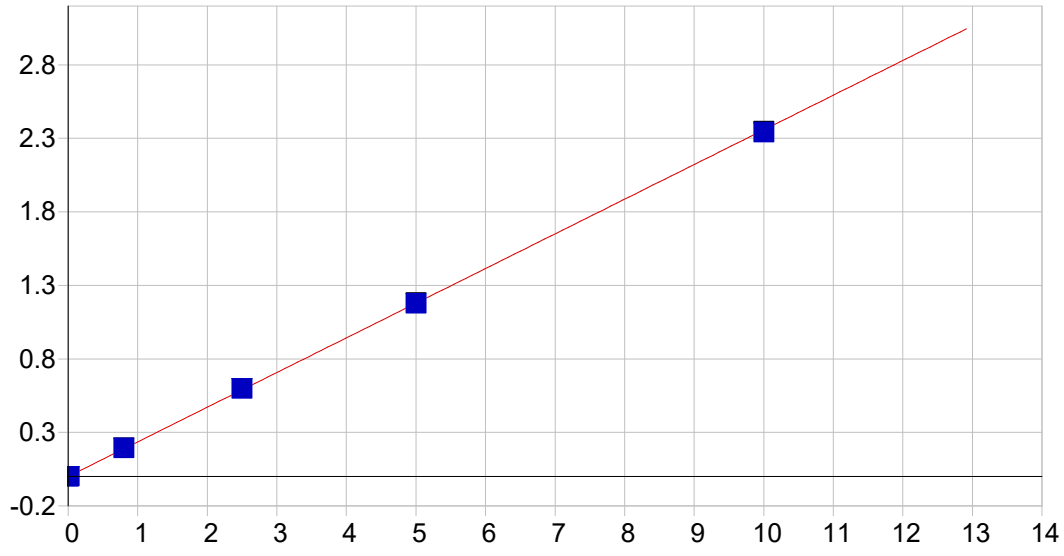
Tl 190.856 {477}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000221	Re-Slope:	1.000000
A1 (Gain):	0.066053	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999309	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.001795		
Predicted MQL:	0.005984		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00022	.000	1
S1	.04000	.04443	.004	11.1	.00254	.000	1
S3	2.5000	2.6311	.131	5.24	.17053	.002	1
S4	5.0000	5.1511	.151	3.02	.33394	.003	1
S5	10.000	9.6745	-.325	-3.25	.62664	.004	1
S2	.80000	.83902	.039	4.88	.05423	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



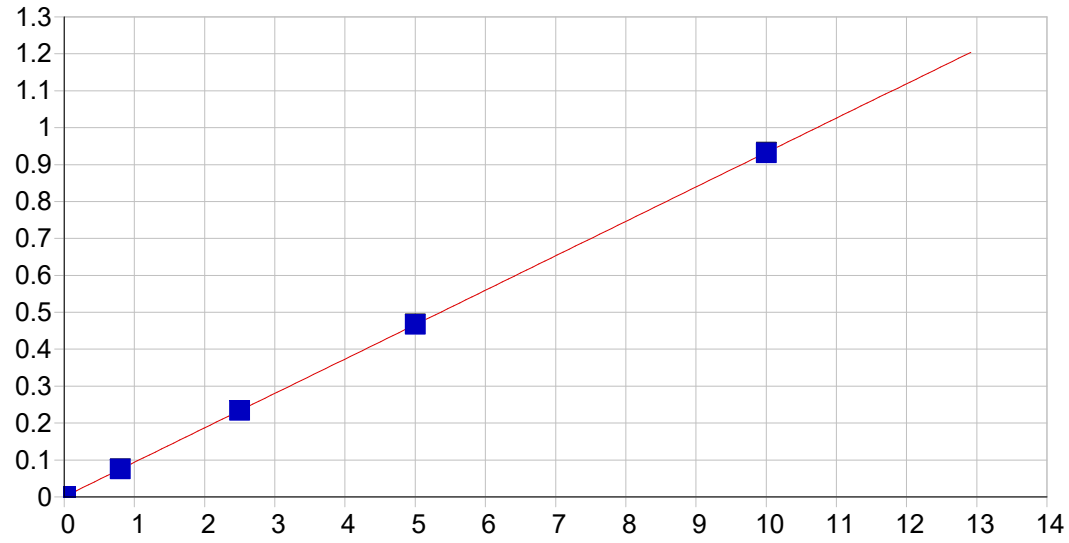
Pb 220.353 {453}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000188	Re-Slope:	1.000000
A1 (Gain):	0.235816	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001061		
Predicted MQL:	0.003536		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.01200	.01269	.001	5.71	.00275	.000	1
S3	2.5000	2.5379	.038	1.52	.59765	.002	1
S4	5.0000	5.0002	.000	.003	1.1776	.003	1
S5	10.000	9.9346	-.065	-.654	2.3400	.007	1
S2	.80000	.82662	.027	3.33	.19453	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



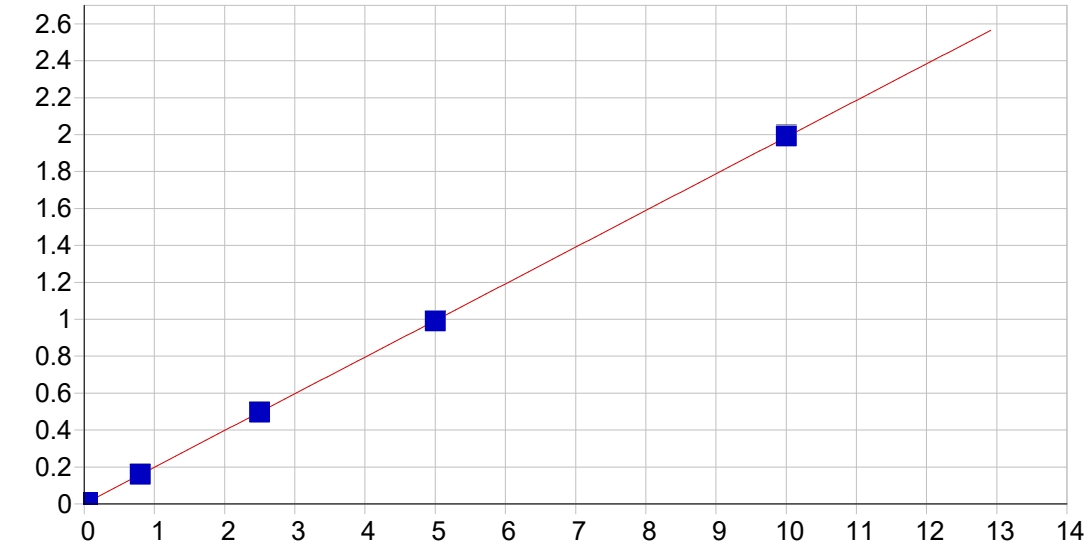
Se 196.090 {472}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000573	Re-Slope:	1.000000
A1 (Gain):	0.093199	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.002017		
Predicted MQL:	0.006724		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.02000	.02029	.000	1.45	.00246	.000	1
S3	2.5000	2.5028	.003	.112	.23377	.000	1
S4	5.0000	5.0069	.007	.139	.46710	.001	1
S5	10.000	9.9873	-.013	-.127	.93115	.002	1
S2	.80000	.80265	.003	.332	.07536	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



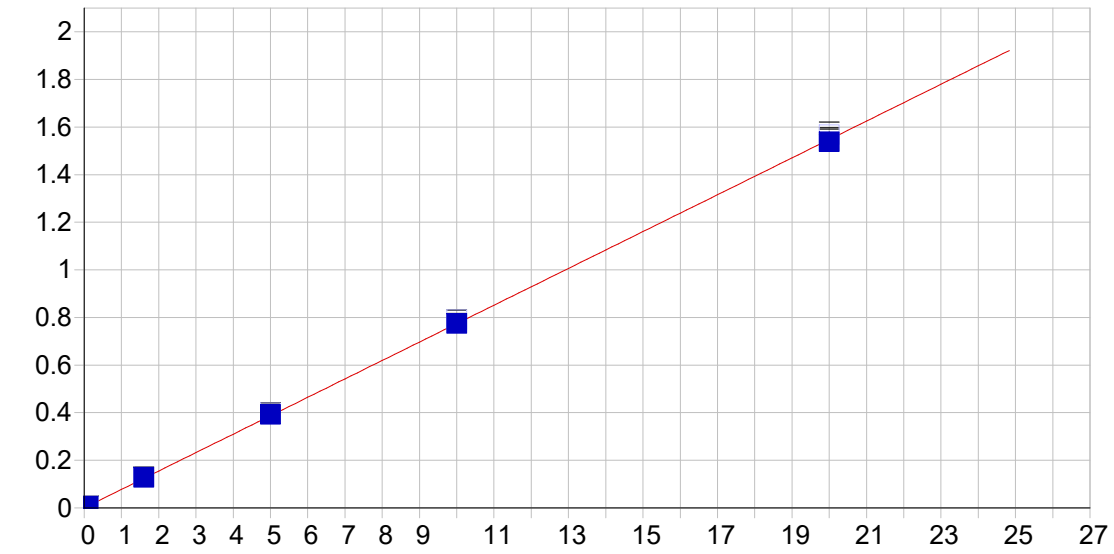
Sb 206.833 {463}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000312	Re-Slope:	1.000000
A1 (Gain):	0.198589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001155		
Predicted MQL:	0.003849		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.05000	.04972	-.000	-.552	.01021	.000	1
S3	2.5000	2.4931	-.007	-.276	.49676	.001	1
S4	5.0000	4.9810	-.019	-.380	.99218	.001	1
S5	10.000	10.022	.022	.217	1.9959	.002	1
S2	.80000	.80445	.004	.556	.16050	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



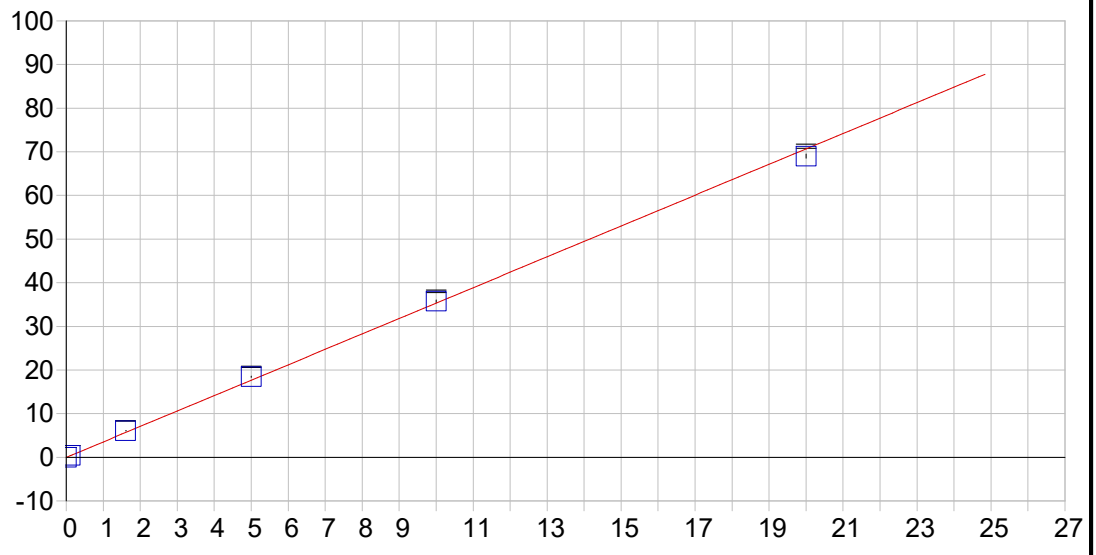
Al 396.152 { 85}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000396	Re-Slope:	1.000000
A1 (Gain):	0.077373	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	0.005612		
Predicted MQL:	0.018706		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00040	.000	1
S1	.10000	.10483	.005	4.83	.00911	.000	1
S3	5.0000	5.0653	.065	1.31	.39982	.001	1
S4	10.000	10.011	.011	.107	.78996	.001	1
S5	20.000	19.868	-.132	-.658	1.5677	.012	1
S2	1.6000	1.6505	.051	3.16	.13050	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



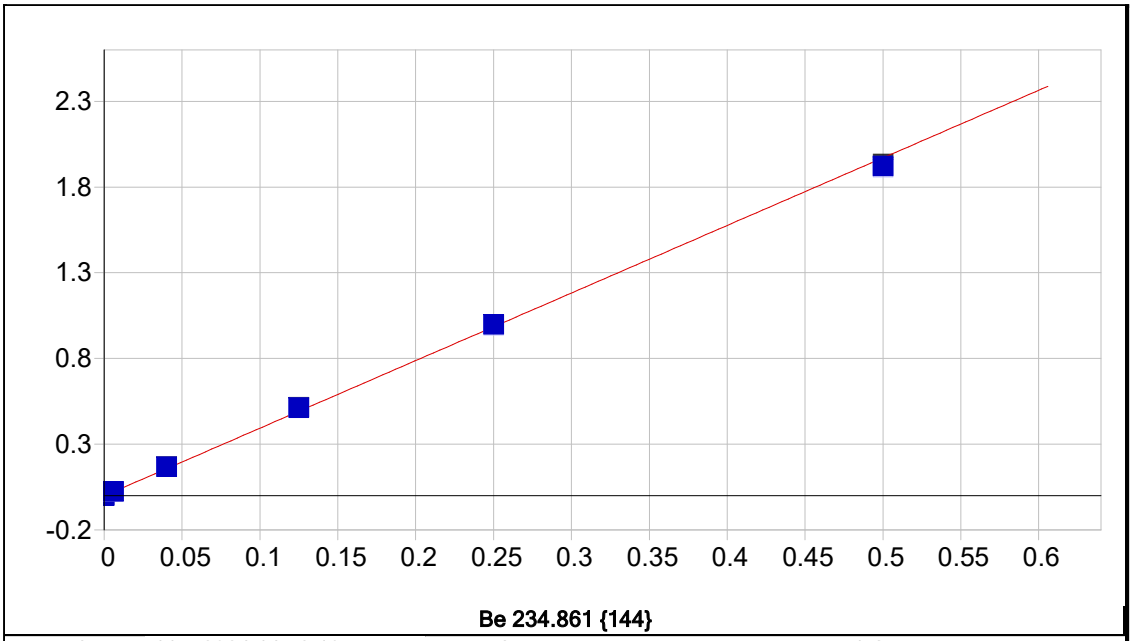
Ba 493.409 { 68}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.007482	Re-Slope:	1.000000
A1 (Gain):	3.533896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999561	Status:	OK.
Std Error of Est:	0.007764		
Predicted MDL:	0.000421		
Predicted MQL:	0.001402		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00756	.001	1
S1	.10000	.11214	.012	12.1	.38882	.002	1
S3	5.0000	5.2210	.221	4.42	18.443	.127	1
S4	10.000	10.120	.120	1.20	35.755	.264	1
S5	20.000	19.530	-.470	-2.35	69.011	.497	1
S2	1.6000	1.7166	.117	7.29	6.0587	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



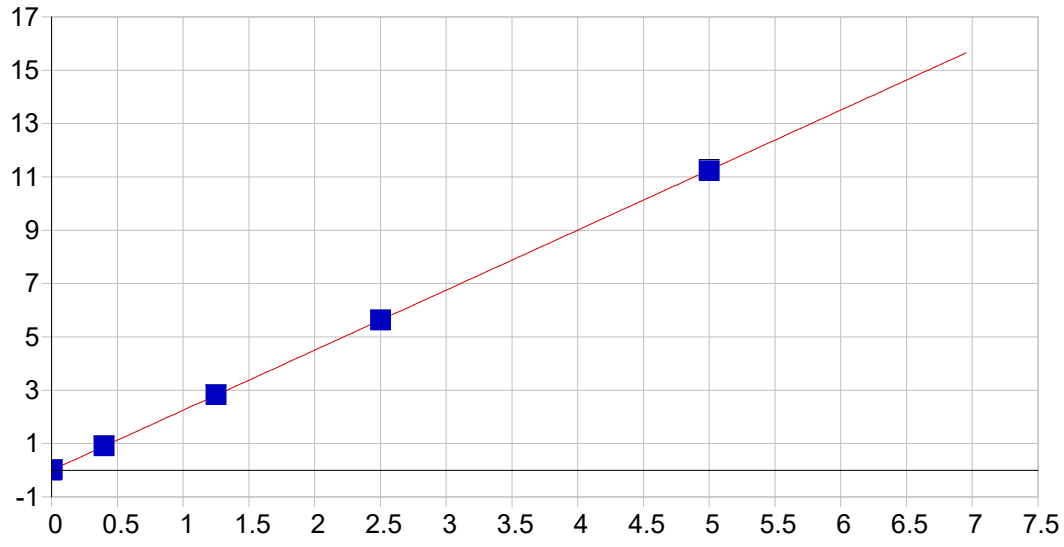
Be 234.861 {144}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000888	Re-Slope:	1.000000
A1 (Gain):	3.942409	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999567	Status:	OK.
Std Error of Est:	0.000332		
Predicted MDL:	0.000059		
Predicted MQL:	0.000198		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00089	.000	1
S1	.00600	.00625	.000	4.18	.02358	.000	1
S3	.12500	.13058	.006	4.46	.51171	.002	1
S4	.25000	.25330	.003	1.32	.99330	.000	1
S5	.50000	.48804	-.012	-2.39	1.9143	.011	1
S2	.04000	.04284	.003	7.09	.16728	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



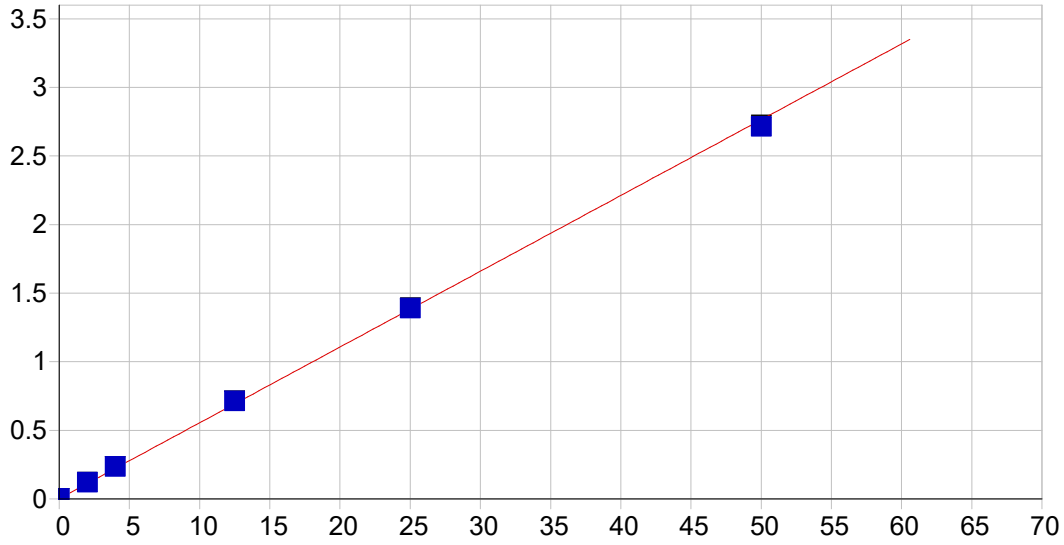
Cd 226.502 {449}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000183	Re-Slope:	1.000000
A1 (Gain):	2.251254	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.000086		
Predicted MQL:	0.000285		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.00600	.00672	.001	12.0	.01500	.000	1
S3	1.2500	1.2547	.005	.377	2.8266	.004	1
S4	2.5000	2.5006	.001	.024	5.6335	.008	1
S5	5.0000	4.9895	-.011	-.211	11.241	.030	1
S2	.40000	.40449	.004	1.12	.91110	.002	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



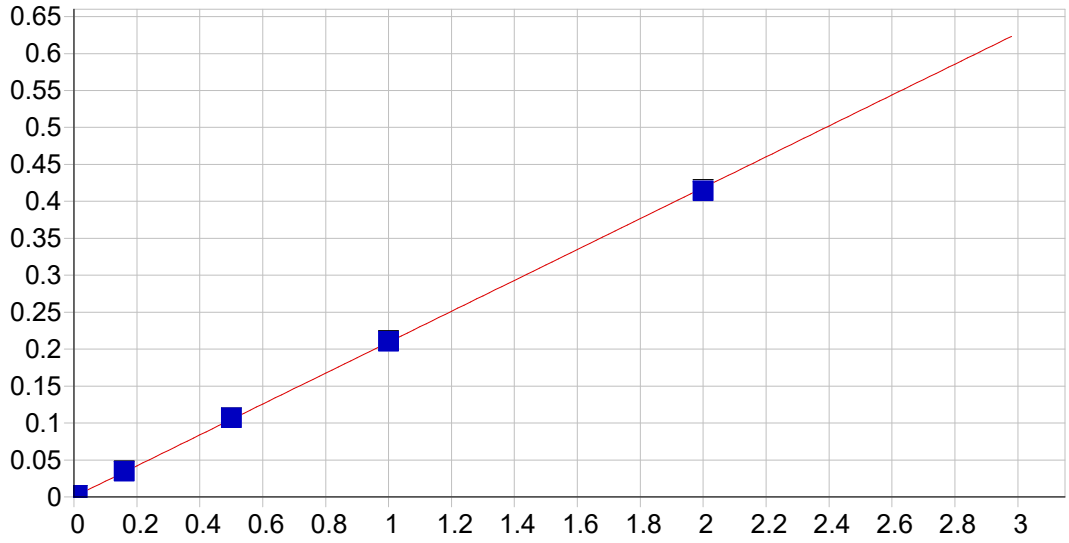
Ca 373.690 { 90}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002460	Re-Slope:	1.000000
A1 (Gain):	0.055247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999730	Status:	OK.
Std Error of Est:	0.000679		
Predicted MDL:	0.007632		
Predicted MQL:	0.025441		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	.00244	.000	1
S2	4.0000	4.2316	.232	5.79	.23624	.000	1
S3	12.500	12.889	.389	3.11	.71454	.002	1
S4	25.000	25.111	.111	.444	1.3898	.003	1
S5	50.000	49.132	-.868	-1.74	2.7168	.009	1
S1	2.0000	2.1362	.136	6.81	.12048	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



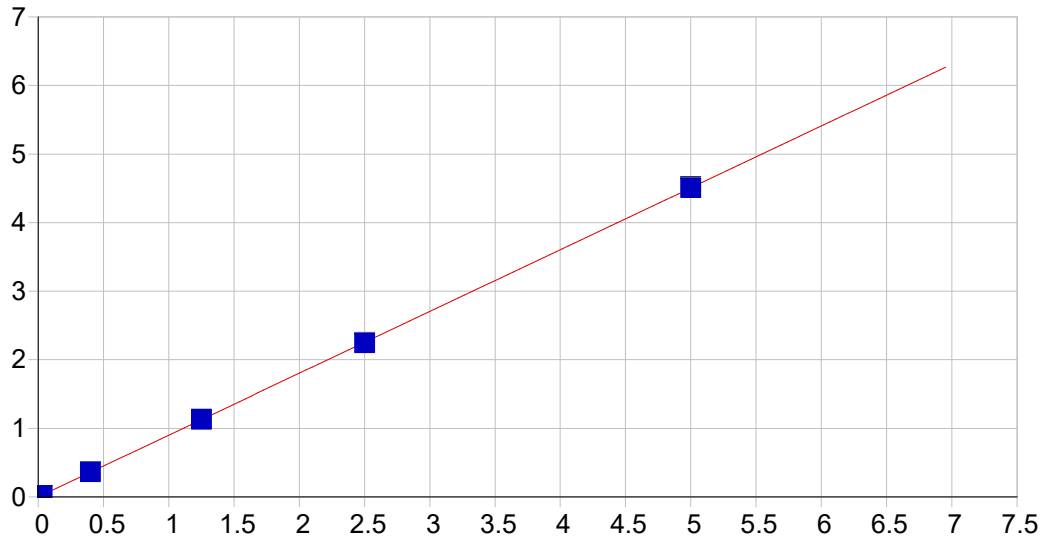
Cr 267.716 {126}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000240	Re-Slope:	1.000000
A1 (Gain):	0.209095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000363		
Predicted MQL:	0.001209		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.00931	-.001	-6.93	.00219	.000	1
S3	.50000	.50950	.010	1.90	.10681	.000	1
S4	1.0000	1.0059	.006	.589	.21063	.001	1
S5	2.0000	1.9799	-.020	-1.01	.41434	.001	1
S2	.16000	.16544	.005	3.40	.03484	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



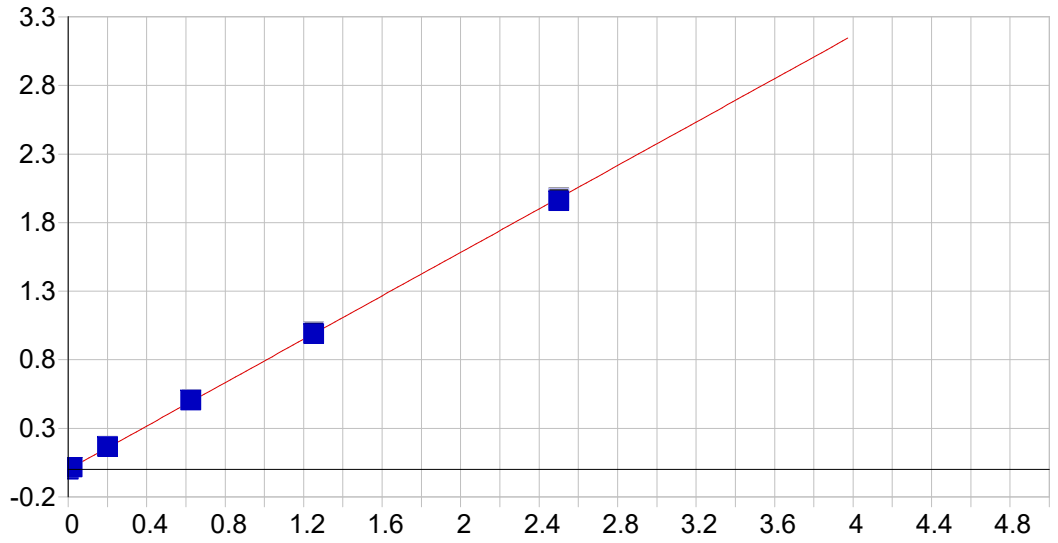
Co 228.616 {448}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	0.901382	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.000192		
Predicted MQL:	0.000641		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.03000	.03056	.001	1.87	.02749	.000	1
S3	1.2500	1.2520	.002	.161	1.1305	.001	1
S4	2.5000	2.4913	-.009	-.347	2.2495	.002	1
S5	5.0000	5.0004	.000	.009	4.5150	.014	1
S2	.40000	.40568	.006	1.42	.36634	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



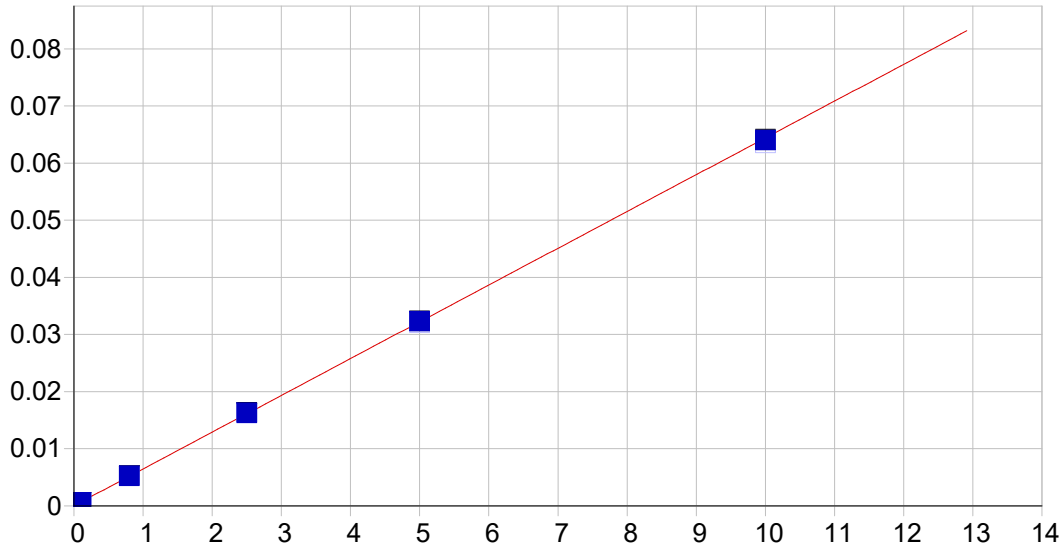
Cu 224.700 {450}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000088	Re-Slope:	1.000000
A1 (Gain):	0.791541	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999857	Status:	OK.
Std Error of Est:	0.000159		
Predicted MDL:	0.000380		
Predicted MQL:	0.001266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02000	.02250	.002	12.5	.01792	.000	1
S3	.62500	.63732	.012	1.97	.50909	.001	1
S4	1.2500	1.2522	.002	.173	1.0005	.001	1
S5	2.5000	2.4731	-.027	-1.08	1.9763	.003	1
S2	.20000	.20993	.010	4.97	.16759	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



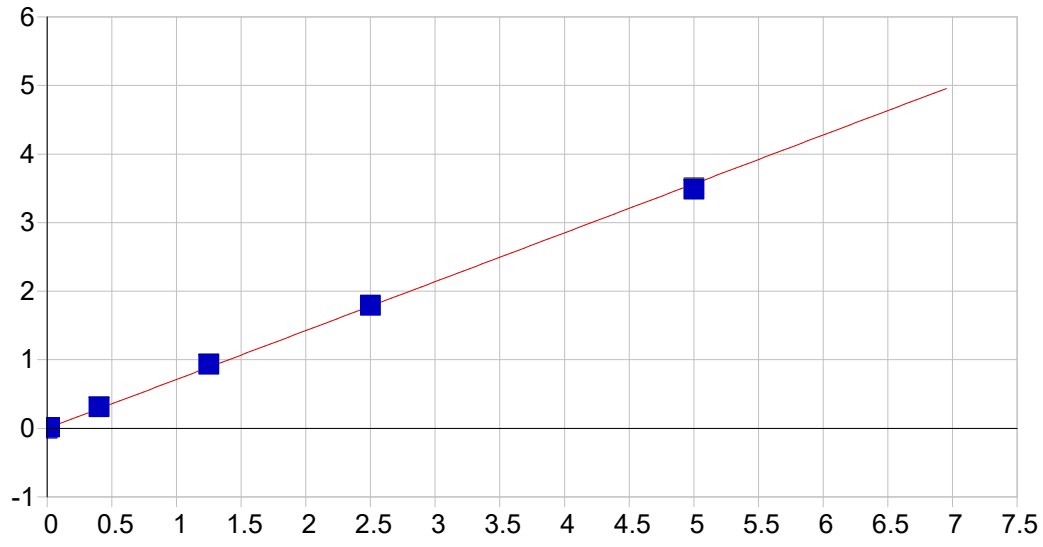
Fe 240.488 {140}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000037	Re-Slope:	1.000000
A1 (Gain):	0.006438	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000002		
Predicted MDL:	0.003770		
Predicted MQL:	0.012565		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.10000	.09900	-.001	-1.00	.00067	.000	1
S3	2.5000	2.5267	.027	1.07	.01617	.000	1
S4	5.0000	5.0171	.017	.342	.03206	.000	1
S5	10.000	9.9439	-.056	-.561	.06351	.000	1
S2	.80000	.81321	.013	1.65	.00523	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



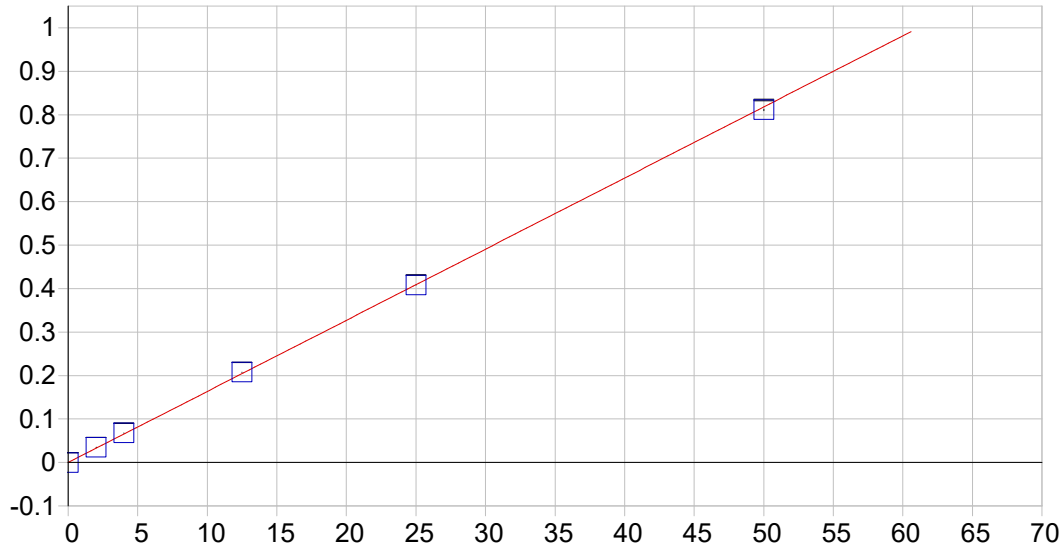
Mn 257.610 {131}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000090	Re-Slope:	1.000000
A1 (Gain):	0.712864	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999548	Status:	OK.
Std Error of Est:	0.000355		
Predicted MDL:	0.000263		
Predicted MQL:	0.000875		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.02000	.02239	.002	12.0	.01606	.000	1
S3	1.2500	1.3080	.058	4.64	.93267	.005	1
S4	2.5000	2.5148	.015	.591	1.7931	.003	1
S5	5.0000	4.8911	-.109	-2.18	3.4875	.016	1
S2	.40000	.43379	.034	8.45	.30938	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



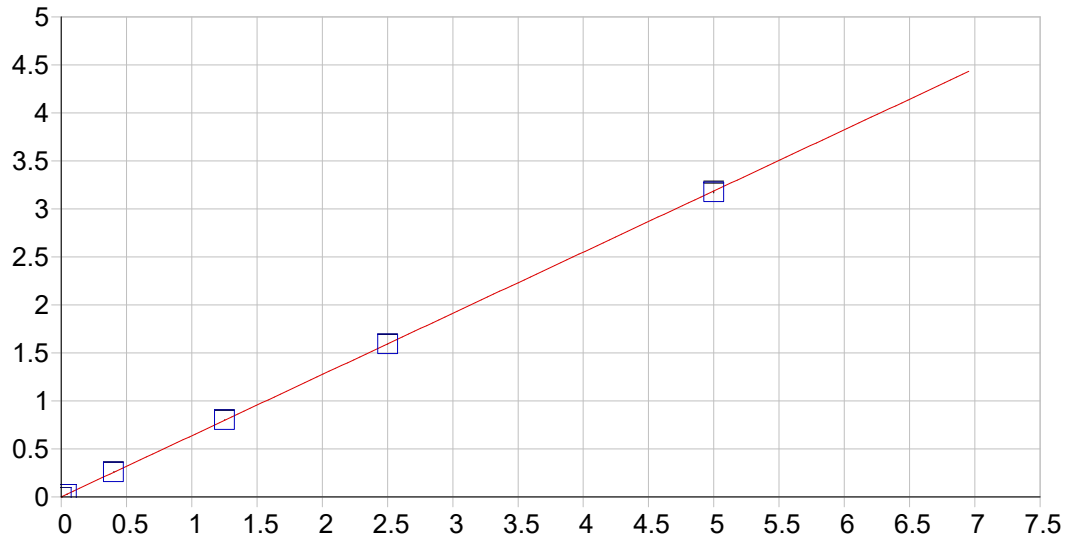
Mg 279.079 {121}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000240	Re-Slope:	1.000000
A1 (Gain):	0.016365	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999890	Status:	OK.
Std Error of Est:	0.000128		
Predicted MDL:	0.011861		
Predicted MQL:	0.039538		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	-.00024	.000	1
S2	4.0000	4.1529	.153	3.82	.06772	.000	1
S3	12.500	12.688	.188	1.51	.20741	.001	1
S4	25.000	24.955	-.045	-.178	.40817	.000	1
S5	50.000	49.576	-.424	-.848	.81109	.002	1
S1	2.0000	2.1274	.127	6.37	.03458	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



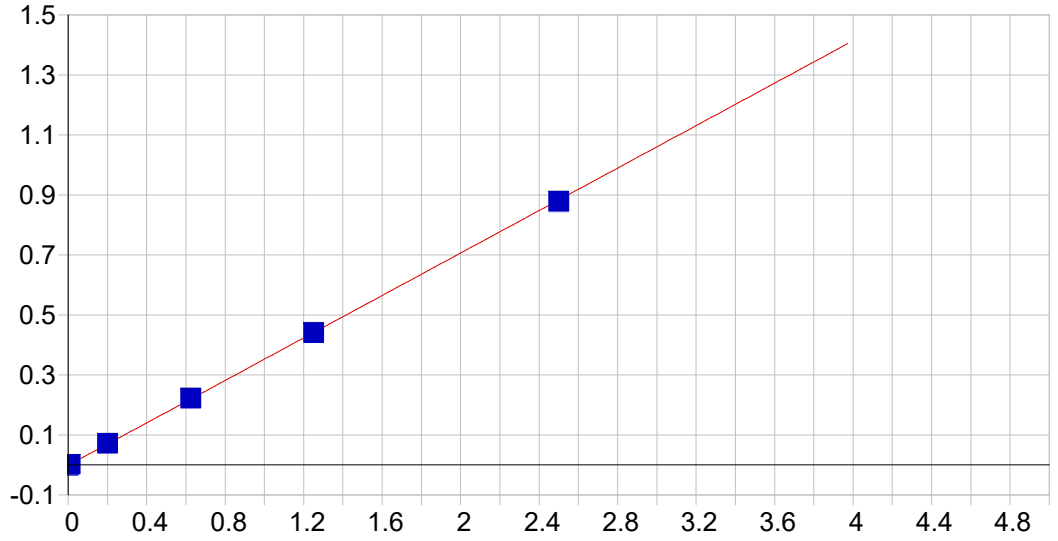
Ni 231.604 {446}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000267	Re-Slope:	1.000000
A1 (Gain):	0.637335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000092		
Predicted MDL:	0.000306		
Predicted MQL:	0.001020		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.04000	.03980	-.000	-.498	.02563	.000	1
S3	1.2500	1.2591	.009	.726	.80272	.001	1
S4	2.5000	2.4977	-.002	-.093	1.5921	.003	1
S5	5.0000	4.9839	-.016	-.322	3.1767	.009	1
S2	.40000	.40956	.010	2.39	.26130	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



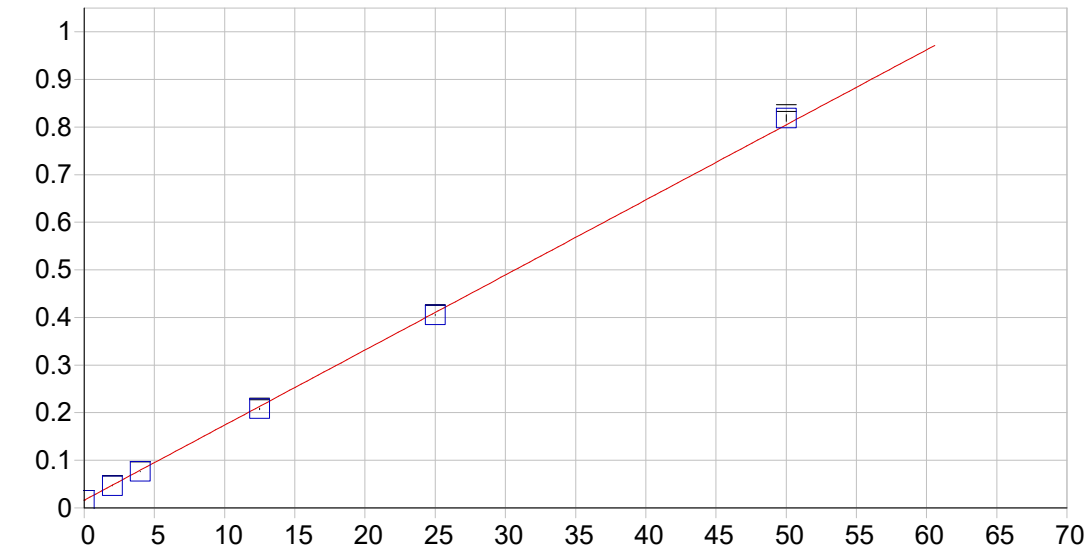
Ag 328.068 {103}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001468	Re-Slope:	1.000000
A1 (Gain):	0.353874	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000302		
Predicted MQL:	0.001005		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00147	.000	1
S1	.01000	.01044	.000	4.40	.00220	.000	1
S3	.62500	.63161	.007	1.06	.22116	.000	1
S4	1.2500	1.2503	.000	.022	.43922	.001	1
S5	2.5000	2.4859	-.014	-.564	.87472	.001	1
S2	.20000	.20678	.007	3.39	.07142	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



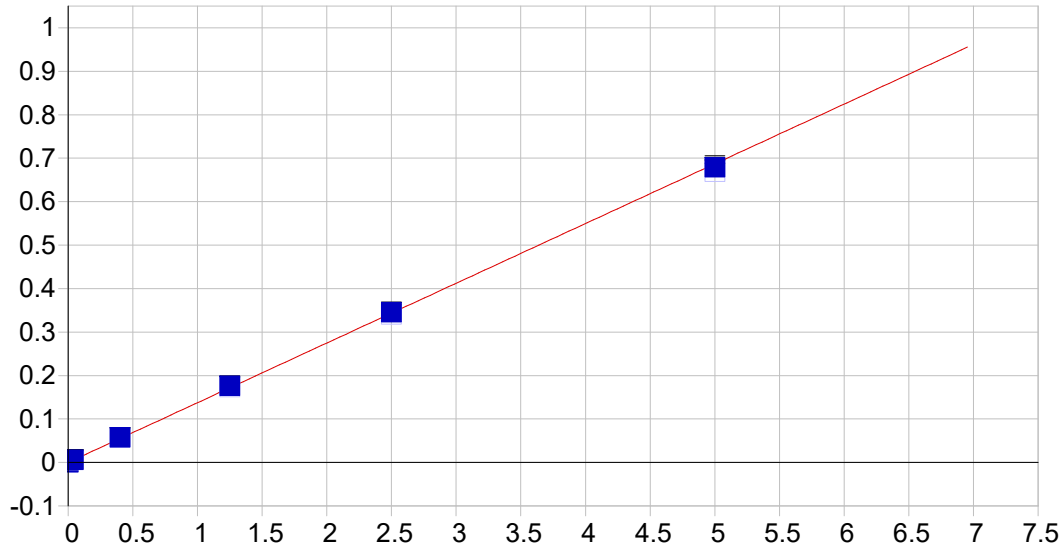
Na 589.592 { 57}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016312	Re-Slope:	1.000000
A1 (Gain):	0.015767	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.009354		
Predicted MQL:	0.031181		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.01632	.001	1
S2	4.0000	3.8118	-.188	-4.70	.07641	.000	1
S3	12.500	12.168	-.332	-2.66	.20816	.002	1
S4	25.000	24.683	-.317	-1.27	.40548	.001	1
S5	50.000	50.913	.913	1.83	.81905	.007	1
S1	2.0000	1.9243	-.076	-3.79	.04665	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



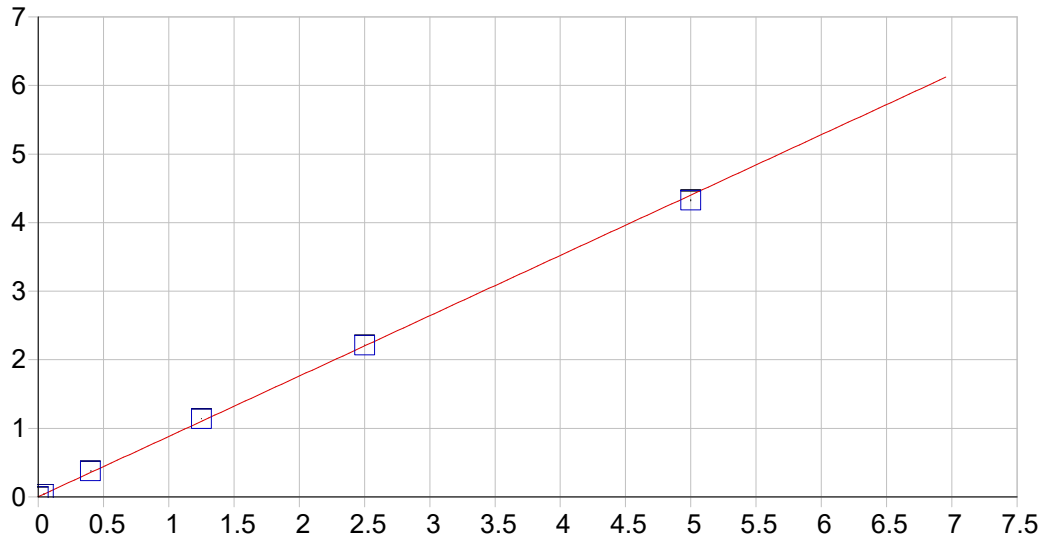
V 292.402 {115}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000017	Re-Slope:	1.000000
A1 (Gain):	0.137399	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.001451		
Predicted MQL:	0.004836		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.04000	.04186	.002	4.64	.00556	.000	1
S3	1.2500	1.2794	.029	2.35	.17330	.001	1
S4	2.5000	2.5132	.013	.528	.34032	.001	1
S5	5.0000	4.9389	-.061	-1.22	.66860	.004	1
S2	.40000	.41673	.017	4.18	.05647	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



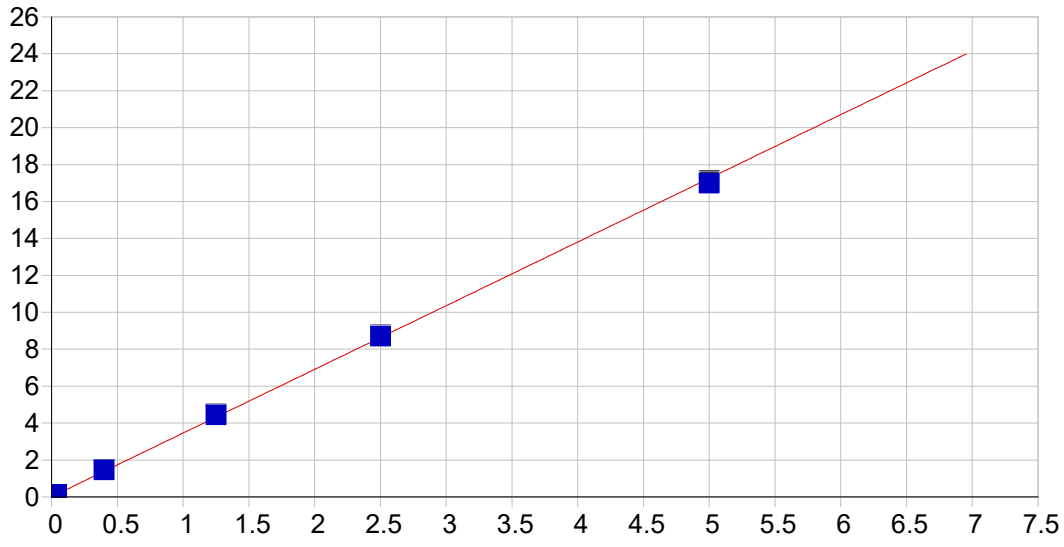
Zn 206.200 {464}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002374	Re-Slope:	1.000000
A1 (Gain):	0.879899	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000479		
Predicted MDL:	0.000211		
Predicted MQL:	0.000703		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00237	.000	1
S1	.04000	.04251	.003	6.28	.03978	.000	1
S3	1.2500	1.2915	.041	3.32	1.1387	.002	1
S4	2.5000	2.5134	.013	.536	2.2139	.004	1
S5	5.0000	4.9151	-.085	-1.70	4.3272	.009	1
S2	.40000	.42749	.027	6.87	.37853	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



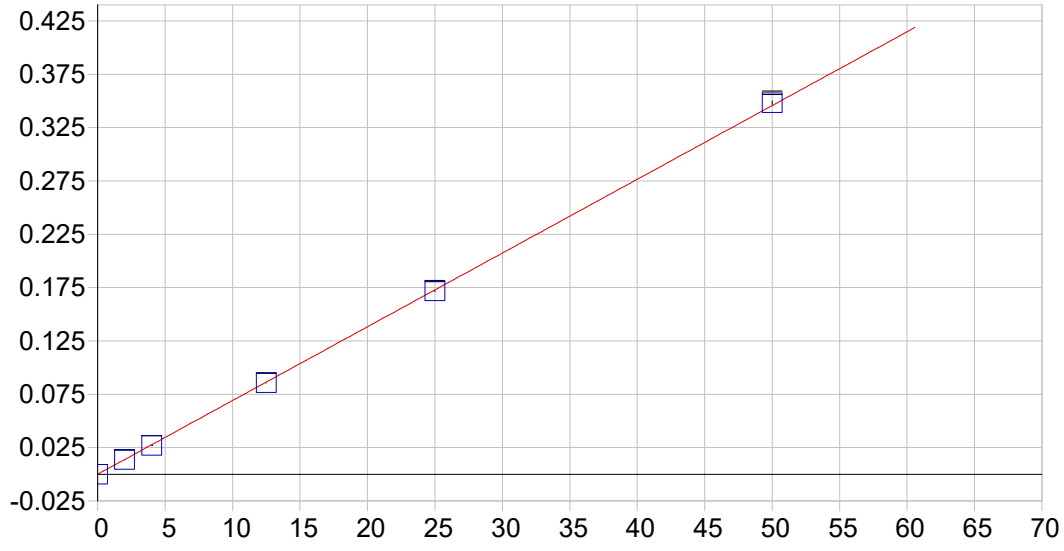
Zn 213.856 {158}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.010505	Re-Slope:	1.000000
A1 (Gain):	3.449114	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999818	Status:	OK.
Std Error of Est:	0.001556		
Predicted MDL:	0.000227		
Predicted MQL:	0.000756		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01049	.001	1
S1	.04000	.04121	.001	3.02	.15361	.001	1
S3	1.2500	1.2855	.036	2.84	4.4744	.018	1
S4	2.5000	2.5182	.018	.729	8.7561	.011	1
S5	5.0000	4.9243	-.076	-1.51	17.115	.027	1
S2	.40000	.42070	.021	5.18	1.4712	.005	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



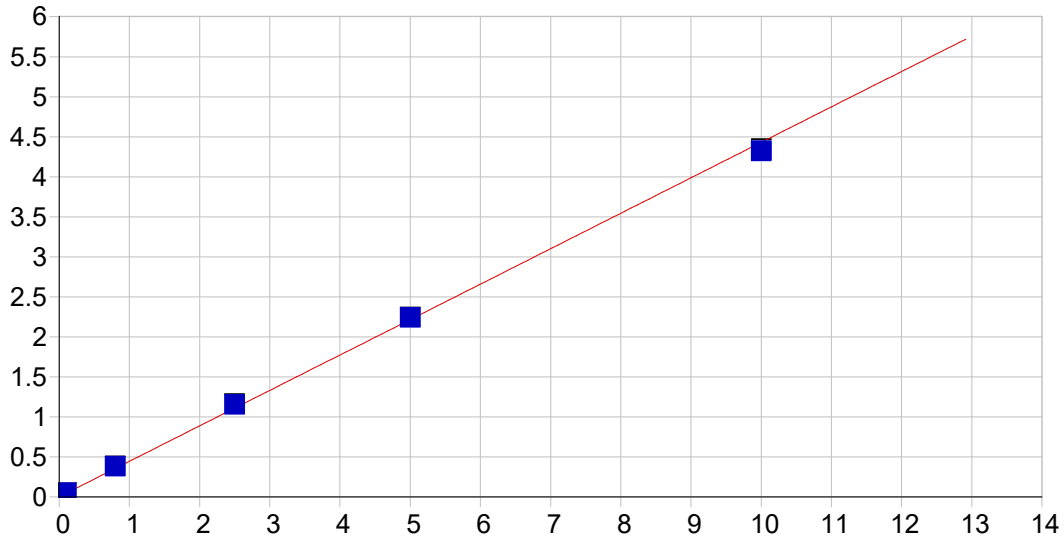
K 766.490 { 44}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000024	Re-Slope:	1.000000
A1 (Gain):	0.006913	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.023983		
Predicted MQL:	0.079944		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00002	.000	1
S2	4.0000	3.8995	-.101	-2.51	.02693	.000	1
S3	12.500	12.383	-.117	-.933	.08558	.000	1
S4	25.000	24.855	-.145	-.581	.17180	.000	1
S5	50.000	50.386	.386	.771	.34830	.002	1
S1	2.0000	1.9768	-.023	-1.16	.01364	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



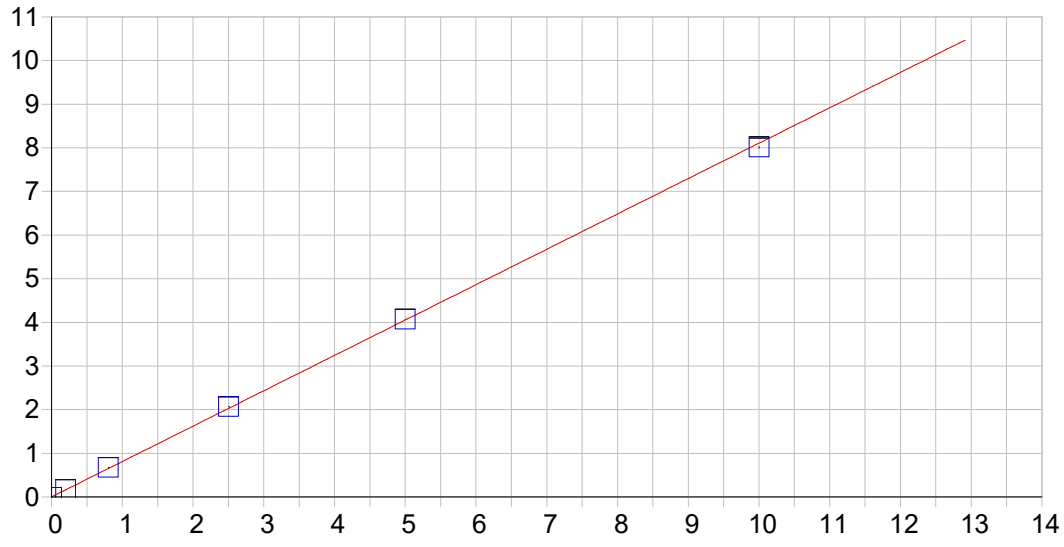
B 249.678 {135}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001926	Re-Slope:	1.000000
A1 (Gain):	0.442800	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999546	Status:	OK.
Std Error of Est:	0.000699		
Predicted MDL:	0.000647		
Predicted MQL:	0.002156		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00192	.000	1
S1	.10000	.11113	.011	11.1	.05095	.000	1
S3	2.5000	2.6096	.110	4.38	1.1553	.004	1
S4	5.0000	5.0590	.059	1.18	2.2377	.004	1
S5	10.000	9.7621	-.238	-2.38	4.3159	.025	1
S2	.80000	.85820	.058	7.28	.38125	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



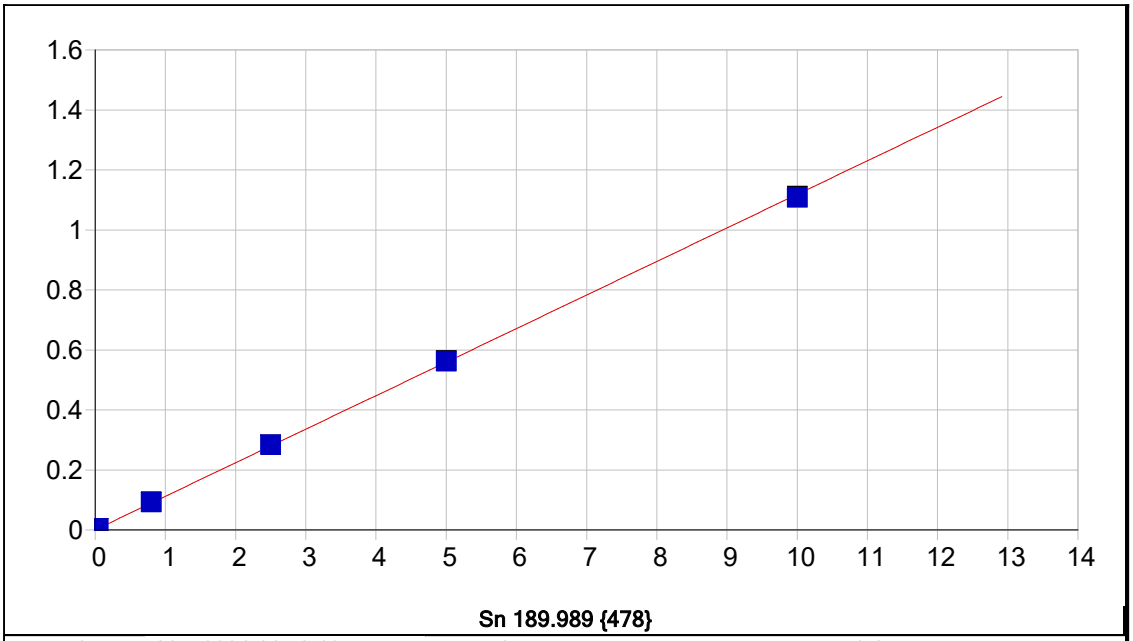
Mo 202.030 {467}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000430	Re-Slope:	1.000000
A1 (Gain):	0.810600	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000922		
Predicted MDL:	0.000241		
Predicted MQL:	0.000802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00041	.000	1
S1	.20000	.21109	.011	5.54	.17154	.001	1
S3	2.5000	2.5488	.049	1.95	2.0665	.001	1
S4	5.0000	5.0243	.024	.486	4.0731	.006	1
S5	10.000	9.8838	-.116	-1.16	8.0122	.015	1
S2	.80000	.83204	.032	4.01	.67488	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



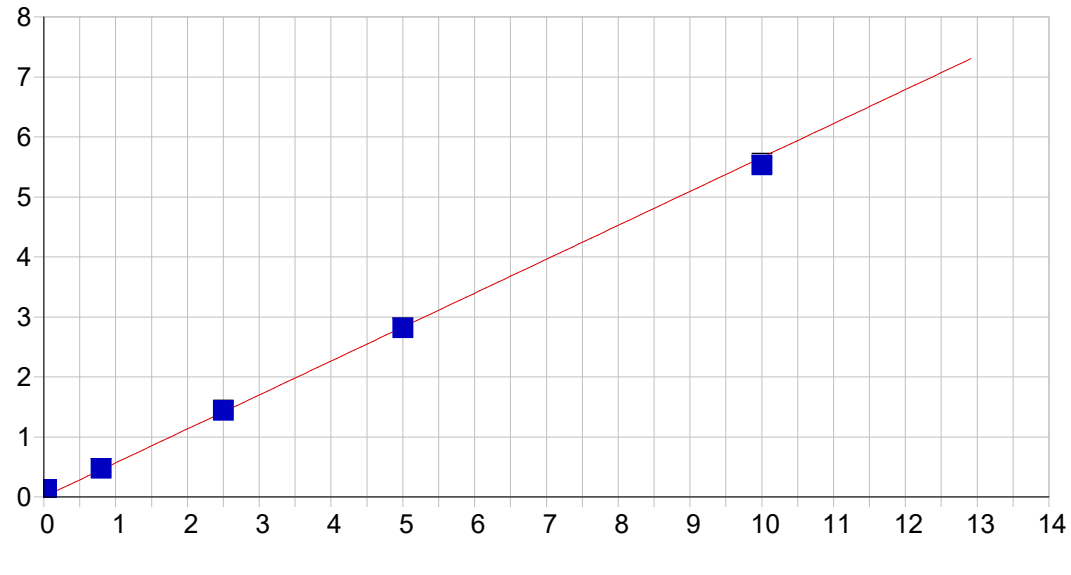
Sn 189.989 {478}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000235	Re-Slope:	1.000000
A1 (Gain):	0.111814	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.000784		
Predicted MQL:	0.002612		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.04000	.04168	.002	4.20	.00489	.000	1
S3	2.5000	2.5393	.039	1.57	.28388	.001	1
S4	5.0000	5.0247	.025	.494	.56150	.002	1
S5	10.000	9.9106	-.089	-.894	1.1072	.004	1
S2	.80000	.82376	.024	2.97	.09225	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



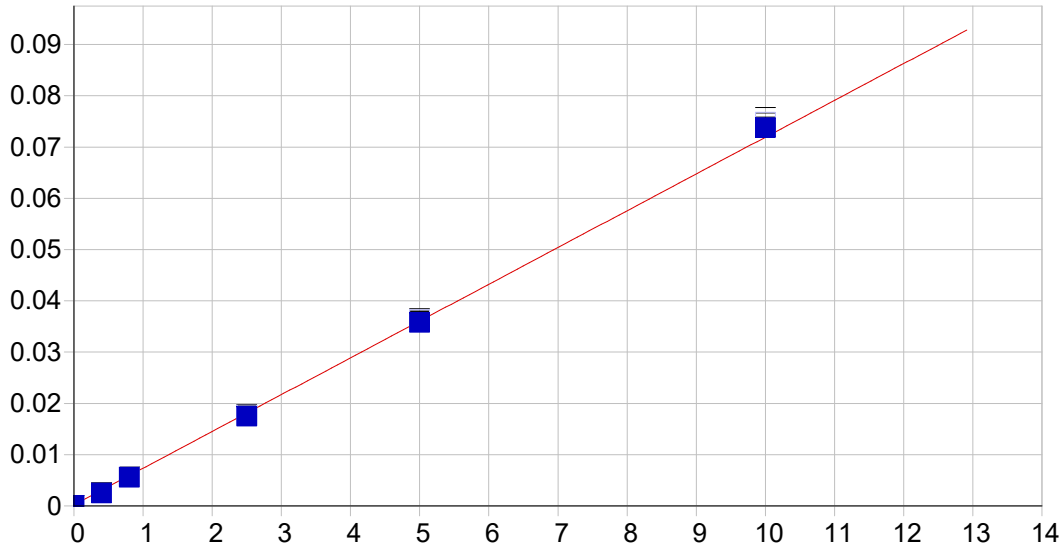
Ti 336.121 {100}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001917	Re-Slope:	1.000000
A1 (Gain):	0.565511	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.980633	Status:	OK.
Std Error of Est:	0.003743		
Predicted MDL:	0.000520		
Predicted MQL:	0.001734		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	.00182	.001	1
S1	.04000	.21003	.170	425.	.12068	.000	1
S3	2.5000	2.5443	.044	1.77	1.4402	.007	1
S4	5.0000	4.9747	-.025	-.506	2.8141	.005	1
S5	10.000	9.7758	-.224	-2.24	5.5282	.030	1
S2	.80000	.83525	.035	4.41	.47409	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



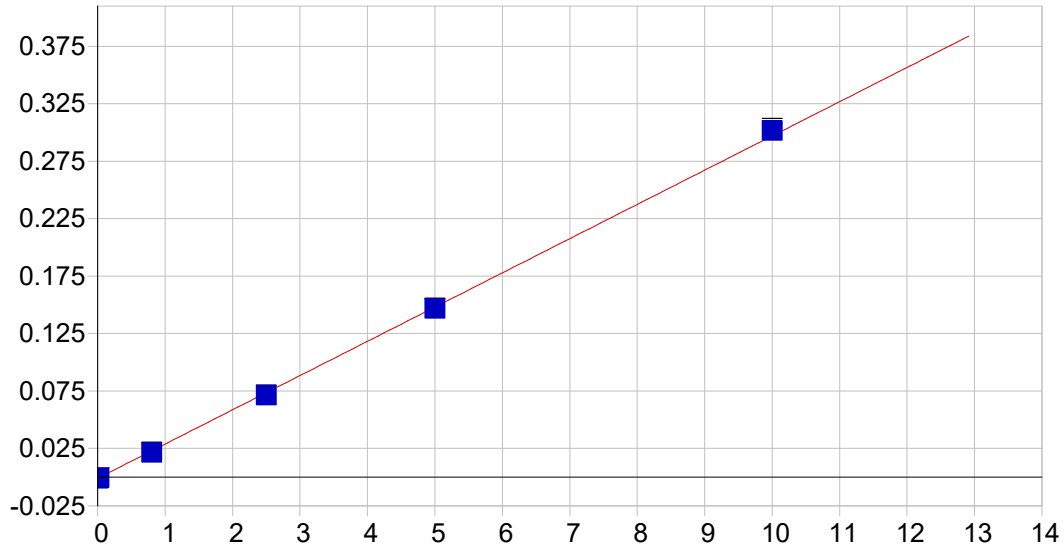
Si 288.158 {117}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000184	Re-Slope:	1.000000
A1 (Gain):	0.007174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999288	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.005617		
Predicted MQL:	0.018723		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00018	.000	1
S1	.40000	.32522	-.075	-18.7	.00252	.000	1
S3	2.5000	2.4070	-.093	-3.72	.01772	.000	1
S4	5.0000	4.9601	-.040	-.798	.03631	.000	1
S5	10.000	10.256	.256	2.56	.07484	.001	1
S2	.80000	.75038	-.050	-6.20	.00565	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



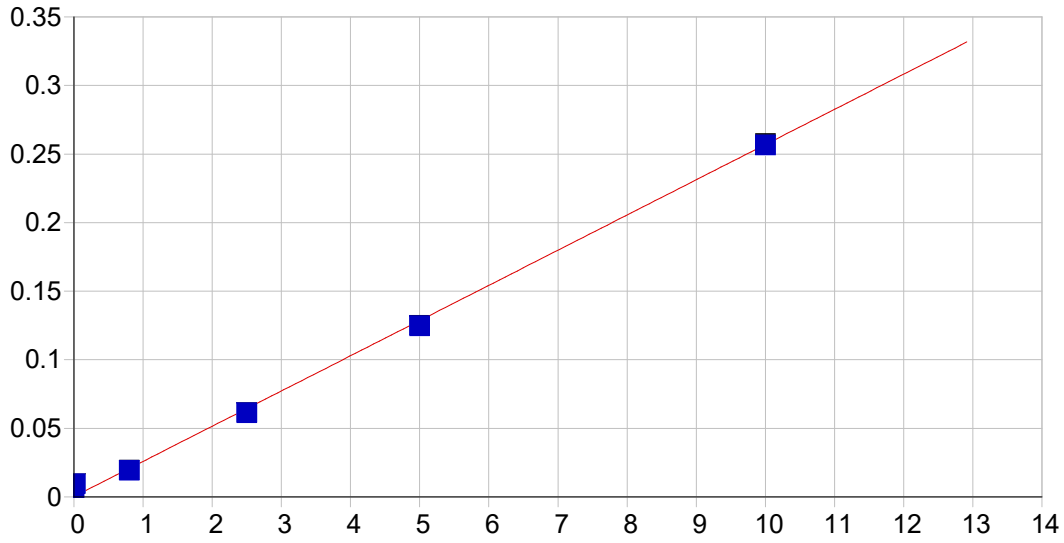
P 177.495 {490}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000988	Re-Slope:	1.000000
A1 (Gain):	0.029797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999807	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.002657		
Predicted MQL:	0.008857		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00099	.000	1
S1	.02000	.01798	-.002	-10.1	-.00045	.000	1
S3	2.5000	2.4294	-.071	-2.83	.07139	.000	1
S4	5.0000	4.9598	-.040	-.804	.14678	.000	1
S5	10.000	10.154	.154	1.54	.30154	.002	1
S2	.80000	.75852	-.041	-5.19	.02161	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



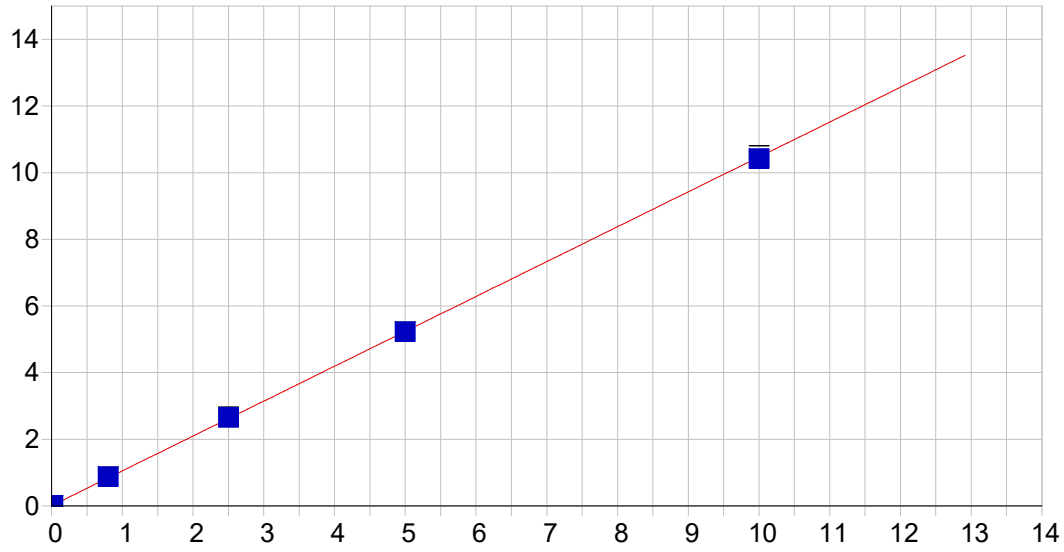
S 182.034 {485}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000230	Re-Slope:	1.000000
A1 (Gain):	0.025668	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.867623	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.003151		
Predicted MQL:	0.010502		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	.00022	.000	1
S1	.02000	.36541	.345	1730.	.00959	.000	1
S3	2.5000	2.3811	-.119	-4.76	.06118	.000	1
S4	5.0000	4.8510	-.149	-2.98	.12441	.000	1
S5	10.000	9.9903	-.010	-.097	.25599	.001	1
S2	.80000	.74612	-.054	-6.74	.01933	.000	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



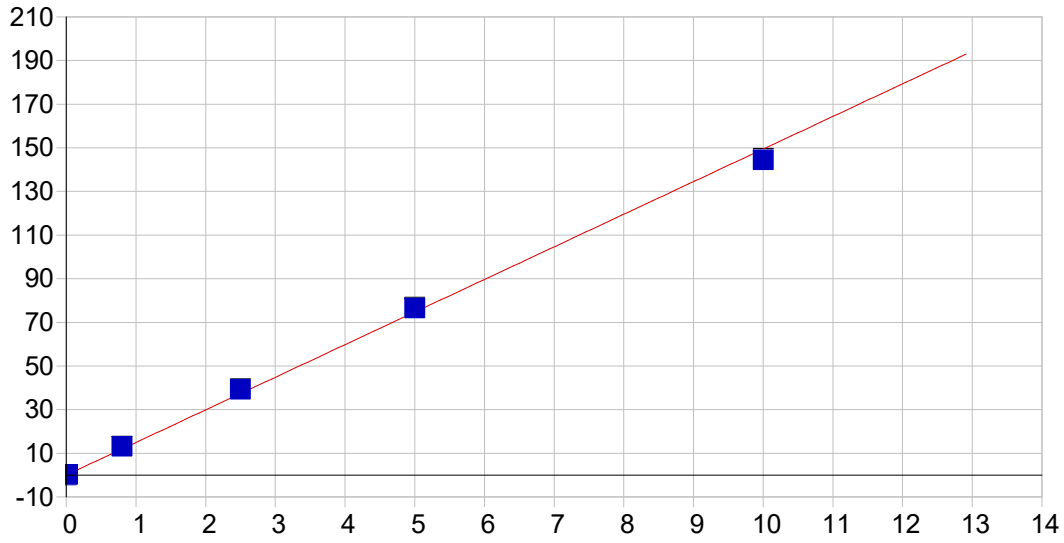
Li 670.784 { 50}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003574	Re-Slope:	1.000000
A1 (Gain):	1.046804	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000262		
Predicted MDL:	0.000744		
Predicted MQL:	0.002479		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00357	.000	1
S5	10.000	9.9488	-.051	-.512	10.427	.087	1
S4	5.0000	4.9862	-.014	-.276	5.2279	.005	1
S3	2.5000	2.5317	.032	1.27	2.6562	.016	1
S1	.02000	.02000	-.000	-.012	.02488	.001	1
S2	.80000	.83325	.033	4.16	.87658	.001	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



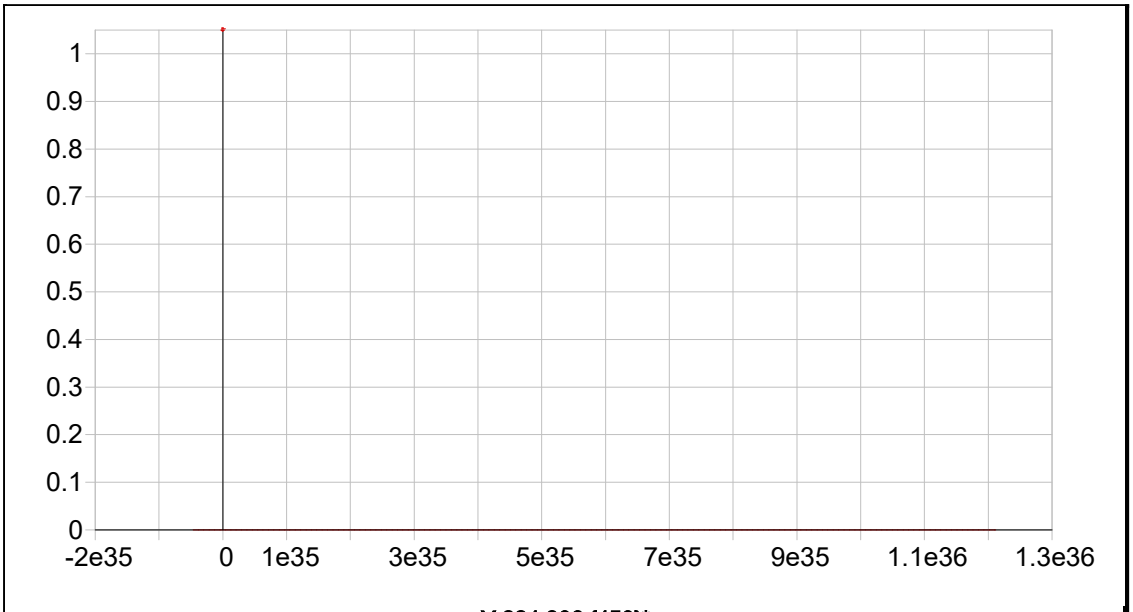
Sr 407.771 { 83}

Date of Fit:	11/7/2024 14:52:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000218	Re-Slope:	1.000000
A1 (Gain):	14.943523	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999231	Status:	OK.
Std Error of Est:	0.013758		
Predicted MDL:	0.000033		
Predicted MQL:	0.000109		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.001	1
S1	.02000	.02200	.002	10.00	.33003	.002	1
S3	2.5000	2.6326	.133	5.30	39.377	.245	1
S4	5.0000	5.1183	.118	2.37	76.560	.370	1
S5	10.000	9.6703	-.330	-3.30	144.66	.504	1
S2	.80000	.87683	.077	9.60	13.115	.004	1

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344

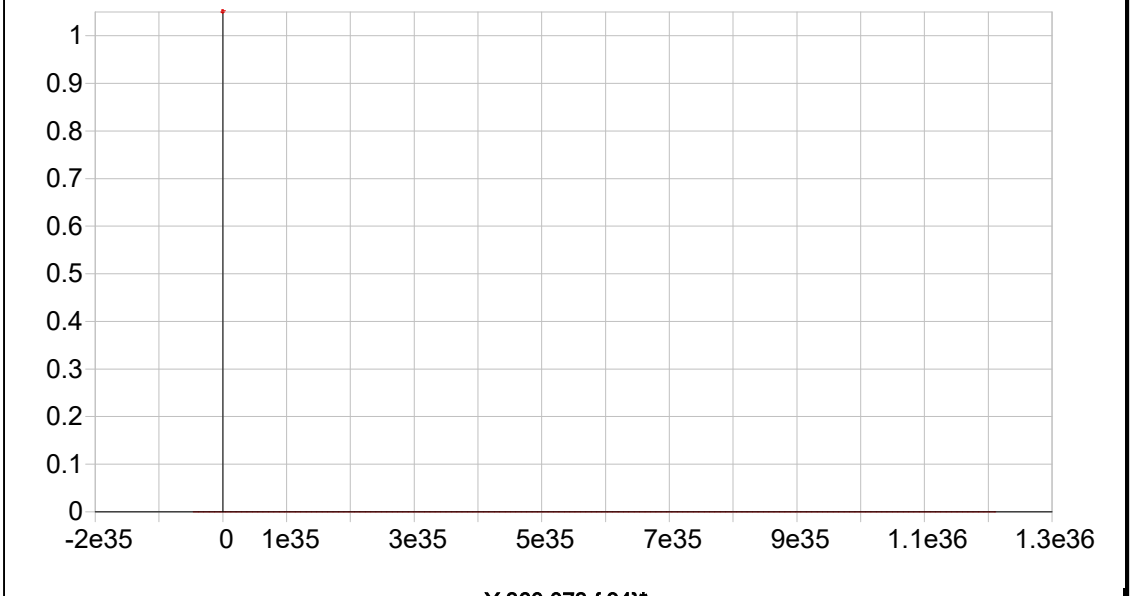


Y 224.306 {450}*

Date of Fit:	11/7/2024 14:52:19	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}*

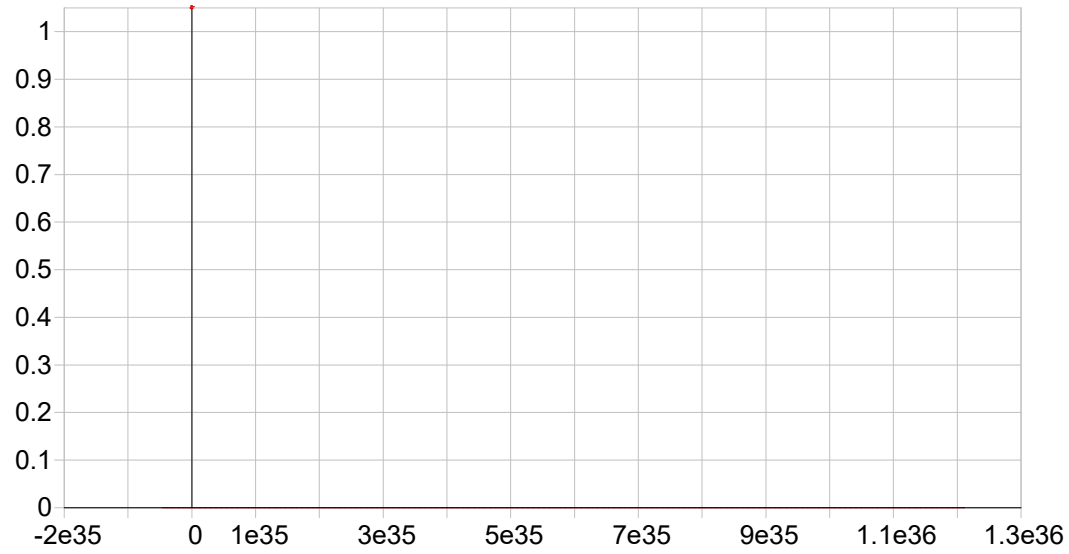
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344

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



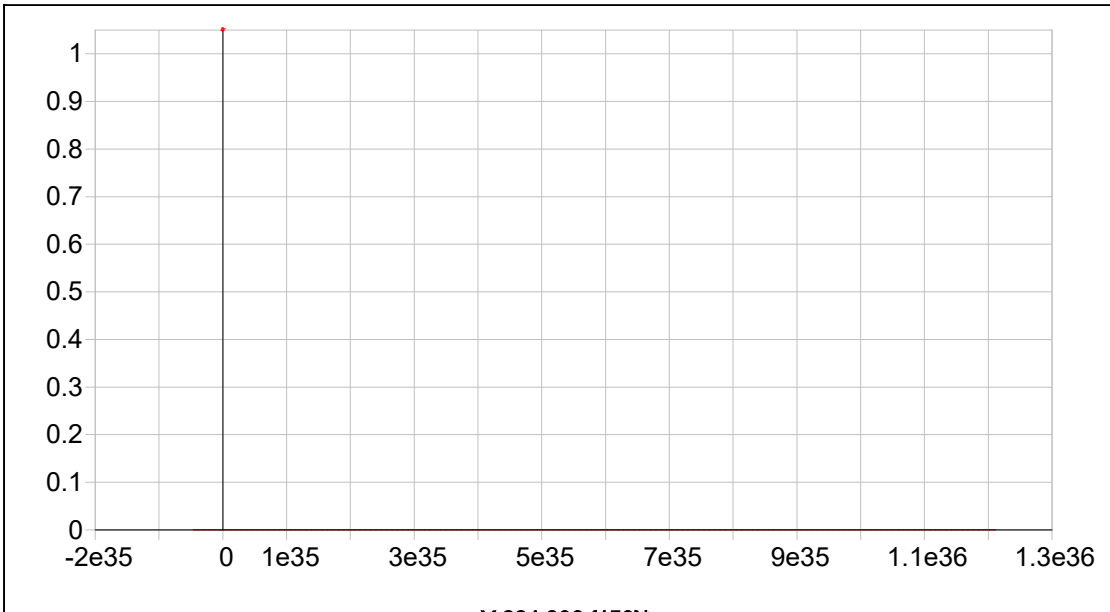
Y 371.030 { 91}*

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

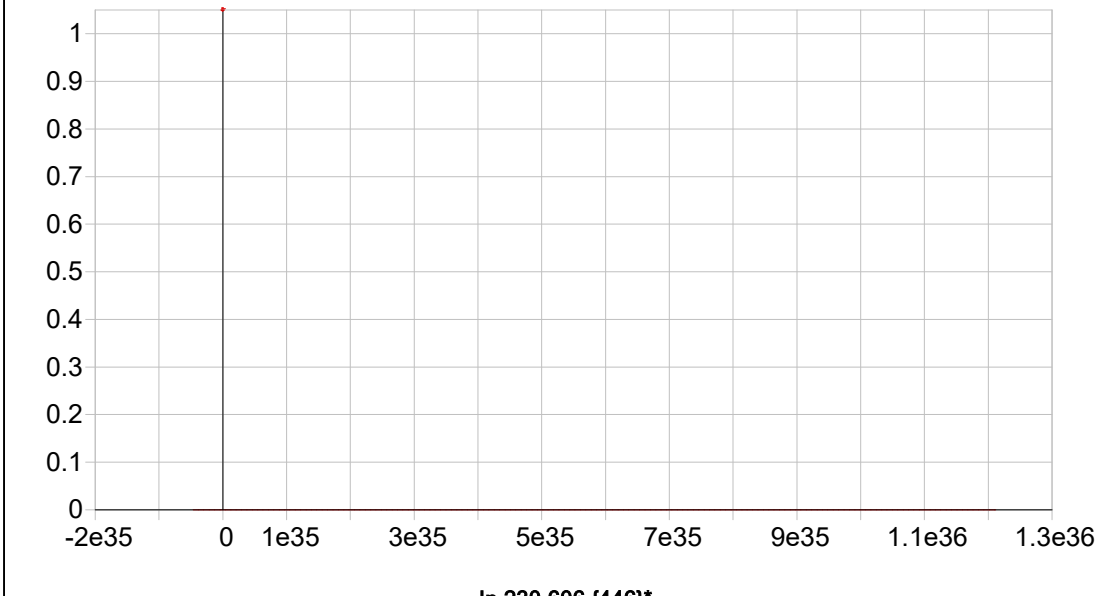
Reviewed By:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344



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:kareem
On:11/13/2024 7:36:39 PM
Inst Id :P4
LB :LB133344

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