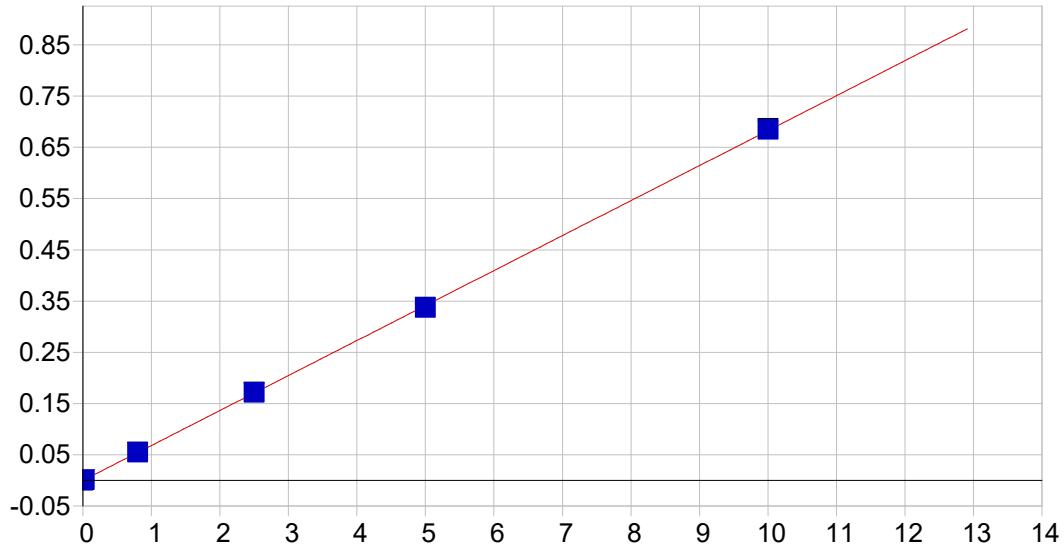
Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



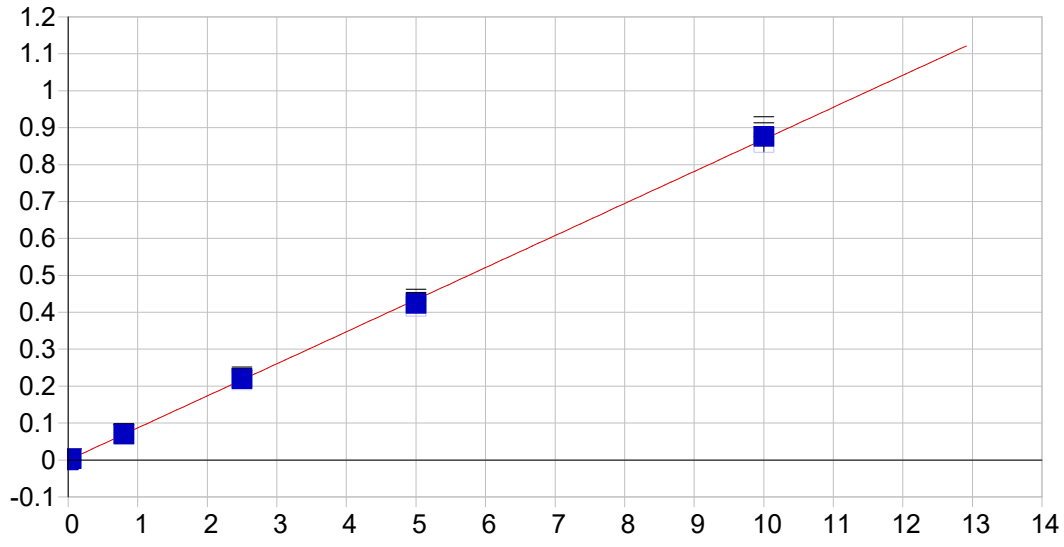
As 189.042 {479}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000225	Re-Slope:	1.000000
A1 (Gain):	0.068290	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.002116		
Predicted MQL:	0.007055		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.02000	.02085	.001	4.27	.00119	.000	1
S3	2.5000	2.5138	.014	.552	.17126	.001	1
S4	5.0000	4.9451	-.055	-1.10	.33711	.001	1
S5	10.000	10.034	.034	.342	.68428	.002	1
S2	.80000	.80604	.006	.755	.05476	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



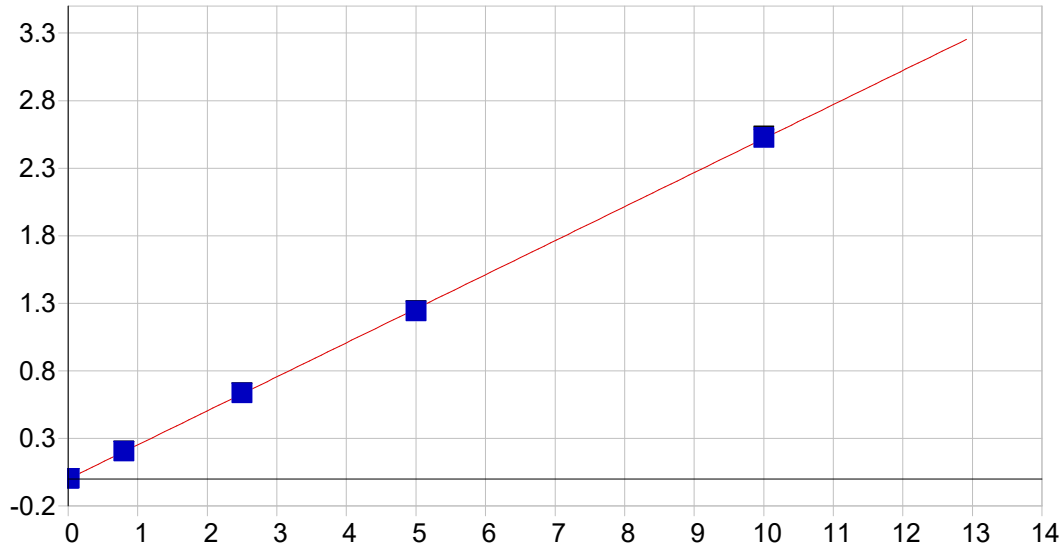
Tl 190.856 {477}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	0.086834	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.001425		
Predicted MQL:	0.004751		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.04000	.03773	-.002	-5.68	.00303	.000	1
S3	2.5000	2.5328	.033	1.31	.21591	.005	1
S4	5.0000	4.8766	-.123	-2.47	.41544	.012	1
S5	10.000	10.085	.085	.845	.85967	.027	1
S2	.80000	.80823	.008	1.03	.06888	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



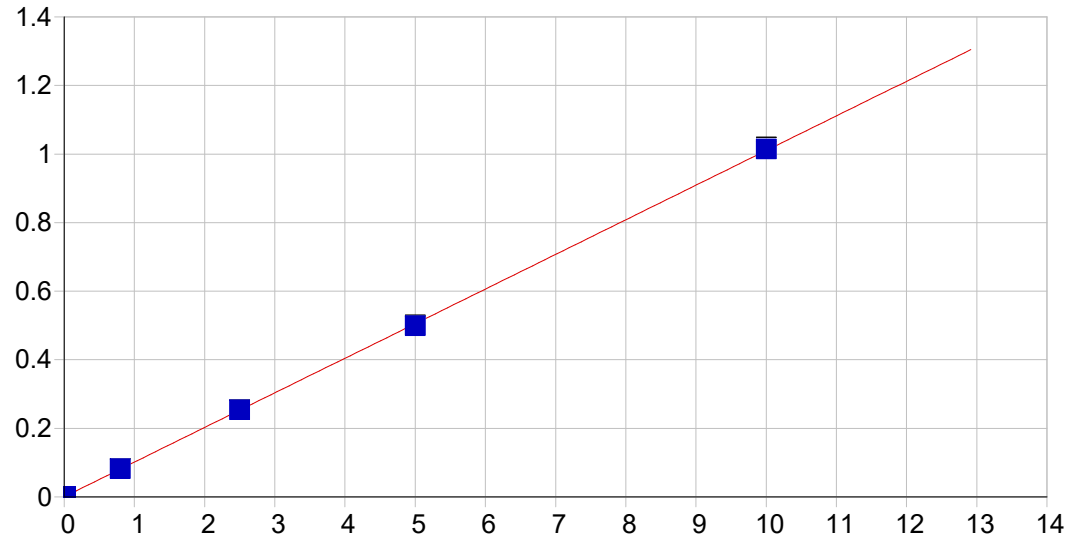
Pb 220.353 {453}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000346	Re-Slope:	1.000000
A1 (Gain):	0.251935	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.000991		
Predicted MQL:	0.003302		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01200	.01169	-.000	-2.55	.00254	.000	1
S3	2.5000	2.5245	.024	.979	.63496	.000	1
S4	5.0000	4.9298	-.070	-1.40	1.2403	.004	1
S5	10.000	10.032	.032	.318	2.5242	.011	1
S2	.80000	.81424	.014	1.78	.20457	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



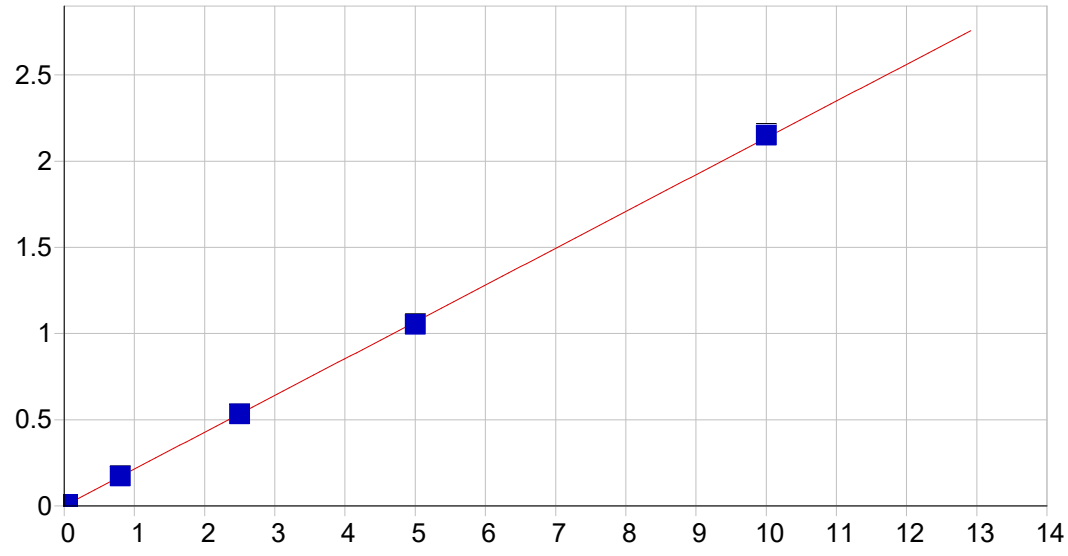
Se 196.090 {472}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000452	Re-Slope:	1.000000
A1 (Gain):	0.100973	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.001887		
Predicted MQL:	0.006291		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.02000	.01898	-.001	-5.09	.00237	.000	1
S3	2.5000	2.5128	.013	.514	.25412	.001	1
S4	5.0000	4.9372	-.063	-1.26	.49885	.002	1
S5	10.000	10.041	.041	.414	1.0141	.006	1
S2	.80000	.80958	.010	1.20	.08218	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



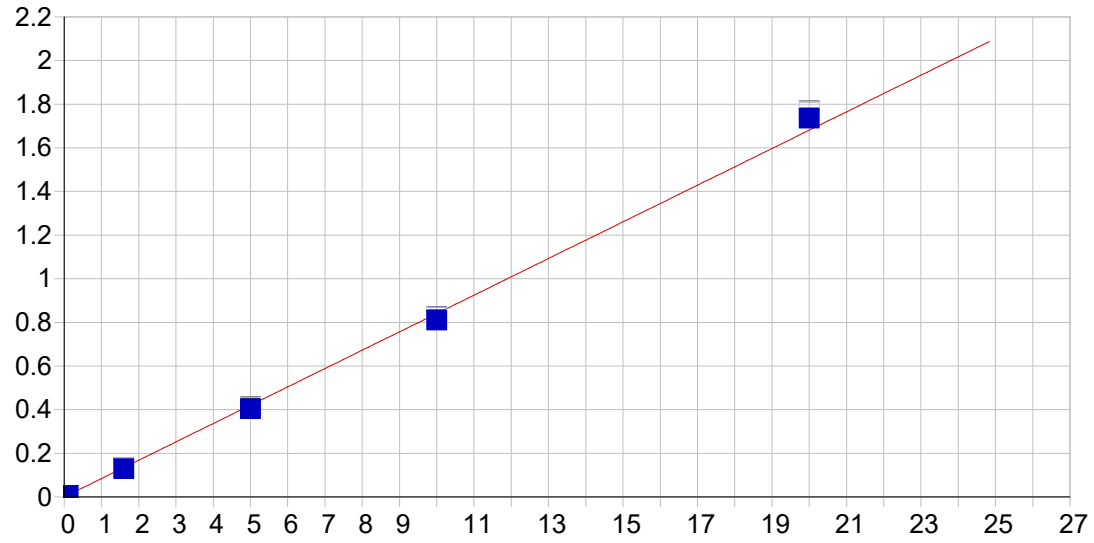
Sb 206.833 {463}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000341	Re-Slope:	1.000000
A1 (Gain):	0.213456	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.001091		
Predicted MQL:	0.003636		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.05000	.04990	-.000	-.199	.01101	.000	1
S3	2.5000	2.4951	-.005	-.197	.53438	.000	1
S4	5.0000	4.9294	-.071	-1.41	1.0554	.003	1
S5	10.000	10.071	.071	.713	2.1559	.005	1
S2	.80000	.80436	.004	.545	.17250	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



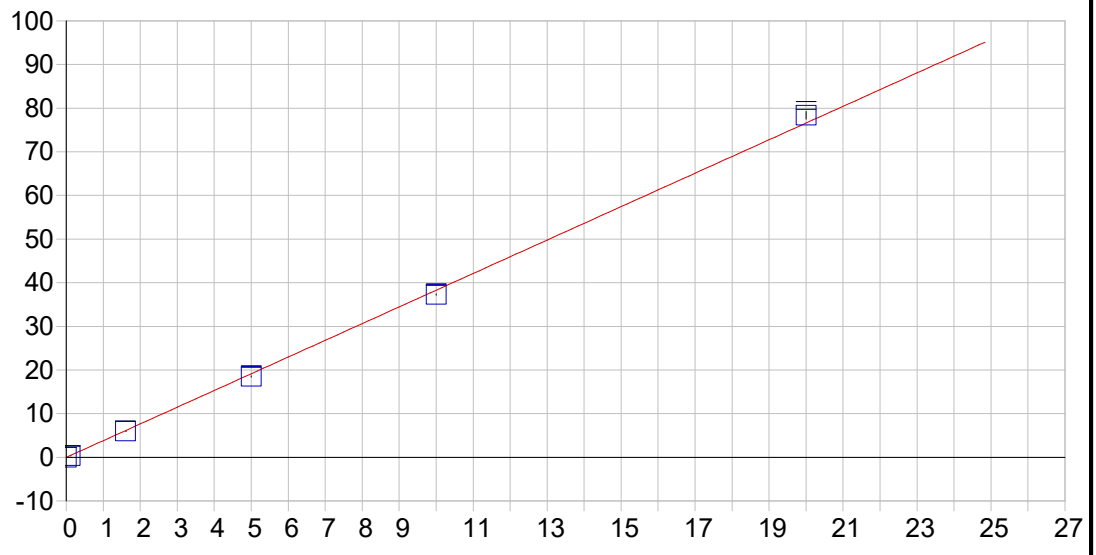
Al 396.152 { 85}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000196	Re-Slope:	1.000000
A1 (Gain):	0.084034	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999400	Status:	OK.
Std Error of Est:	0.000220		
Predicted MDL:	0.004707		
Predicted MQL:	0.015689		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.10000	.09978	-.000	-.224	.00923	.000	1
S3	5.0000	4.7932	-.207	-4.14	.41114	.000	1
S4	10.000	9.6365	-.363	-3.63	.82630	.001	1
S5	20.000	20.644	.644	3.22	1.7676	.002	1
S2	1.6000	1.5269	-.073	-4.57	.13112	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



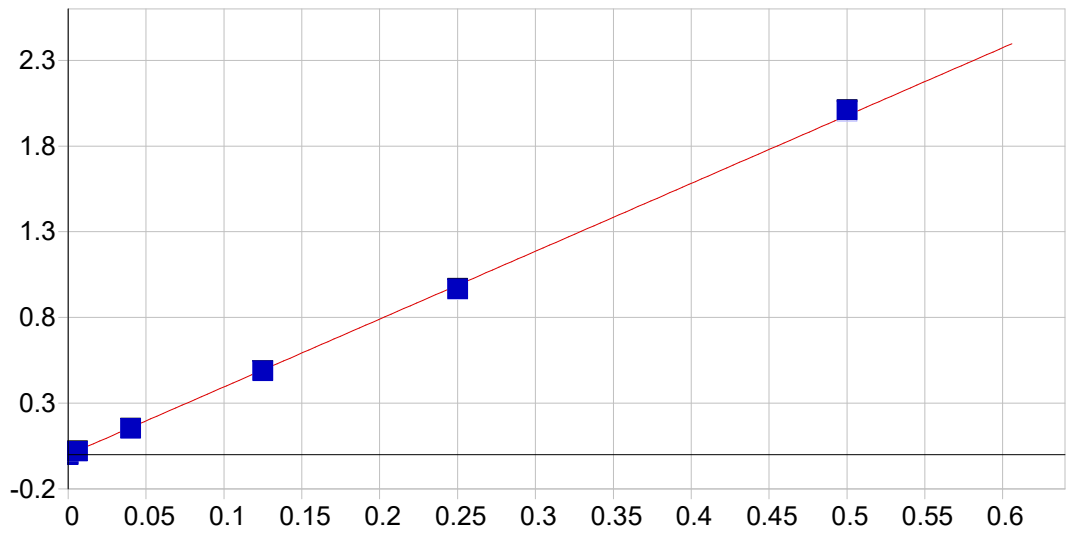
Ba 493.409 { 68}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.018238	Re-Slope:	1.000000
A1 (Gain):	3.830534	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999686	Status:	OK.
Std Error of Est:	0.007114		
Predicted MDL:	0.000366		
Predicted MQL:	0.001220		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.01821	.001	1
S1	.10000	.09859	-.001	-1.41	.35942	.001	1
S3	5.0000	4.8368	-.163	-3.26	18.509	.128	1
S4	10.000	9.7446	-.255	-2.55	37.309	.169	1
S5	20.000	20.455	.455	2.28	78.337	.874	1
S2	1.6000	1.5647	-.035	-2.21	5.9755	.011	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



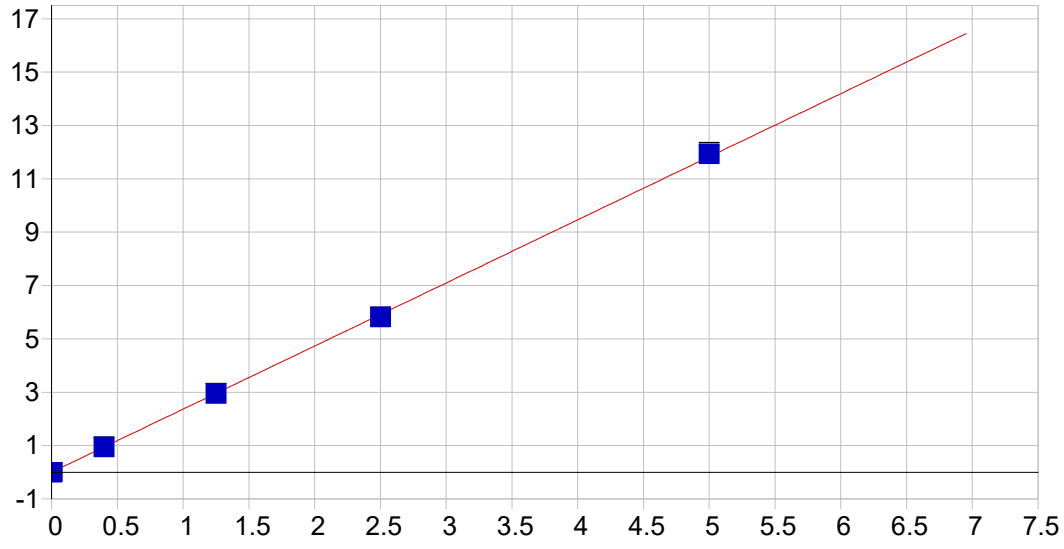
Be 234.861 {144}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000839	Re-Slope:	1.000000
A1 (Gain):	3.957098	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999815	Status:	OK.
Std Error of Est:	0.000218		
Predicted MDL:	0.000050		
Predicted MQL:	0.000167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.00600	.00552	-.000	-7.97	.02083	.000	1
S3	.12500	.12389	-.001	-.890	.48718	.001	1
S4	.25000	.24428	-.006	-2.29	.96138	.005	1
S5	.50000	.50826	.008	1.65	2.0015	.002	1
S2	.04000	.03905	-.001	-2.37	.15298	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



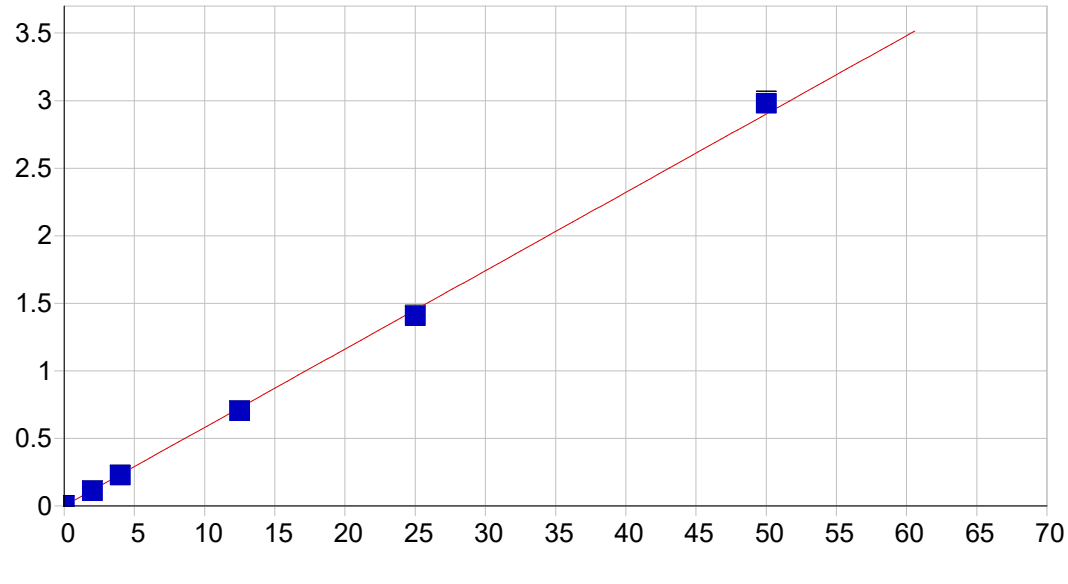
Cd 226.502 {449}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	2.365736	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.000081		
Predicted MQL:	0.000269		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.00600	.00558	-.000	-6.96	.01318	.000	1
S3	1.2500	1.2468	-.003	-.253	2.9517	.008	1
S4	2.5000	2.4604	-.040	-1.59	5.8246	.016	1
S5	5.0000	5.0434	.043	.868	11.939	.058	1
S2	.40000	.39982	-.000	-.044	.94645	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



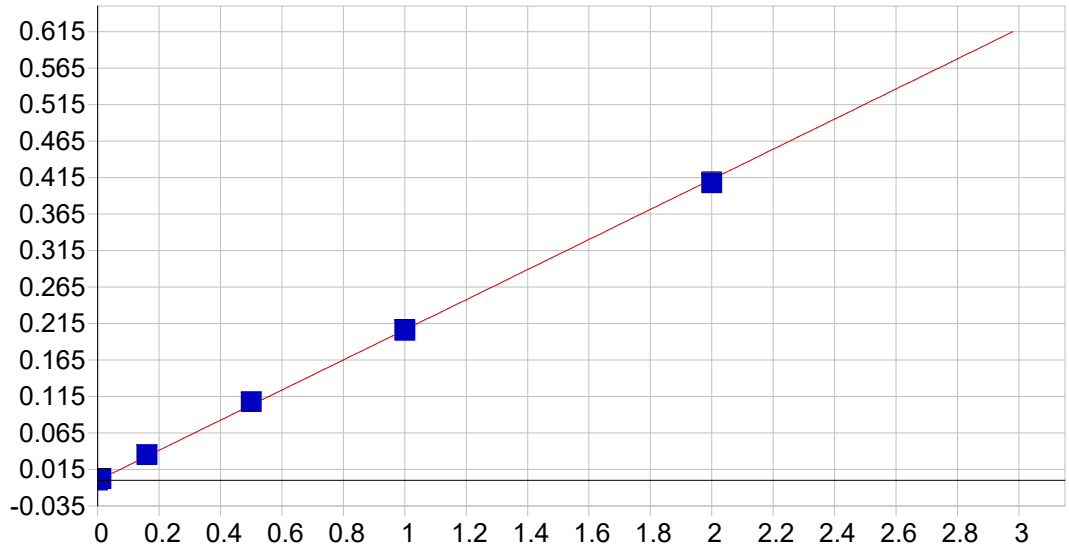
Ca 373.690 { 90}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001117	Re-Slope:	1.000000
A1 (Gain):	0.058001	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999584	Status:	OK.
Std Error of Est:	0.000885		
Predicted MDL:	0.006611		
Predicted MQL:	0.022037		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.00113	.000	1
S2	4.0000	3.8958	-.104	-2.60	.22708	.001	1
S3	12.500	12.129	-.371	-2.97	.70459	.001	1
S4	25.000	24.222	-.778	-3.11	1.4060	.005	1
S5	50.000	51.341	1.34	2.68	2.9789	.017	1
S1	2.0000	1.9132	-.087	-4.34	.11208	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



Cr 267.716 {126}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000006	Re-Slope:	1.000000
A1 (Gain):	0.206342	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999752	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.000377		
Predicted MQL:	0.001258		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.00985	-.000	-1.49	.00203	.000	1
S3	.50000	.52043	.020	4.09	.10741	.000	1
S4	1.0000	.99549	-.005	-.451	.20547	.001	1
S5	2.0000	1.9742	-.026	-1.29	.40747	.002	1
S2	.16000	.17005	.010	6.28	.03509	.000	1

Reviewed By:jaswal
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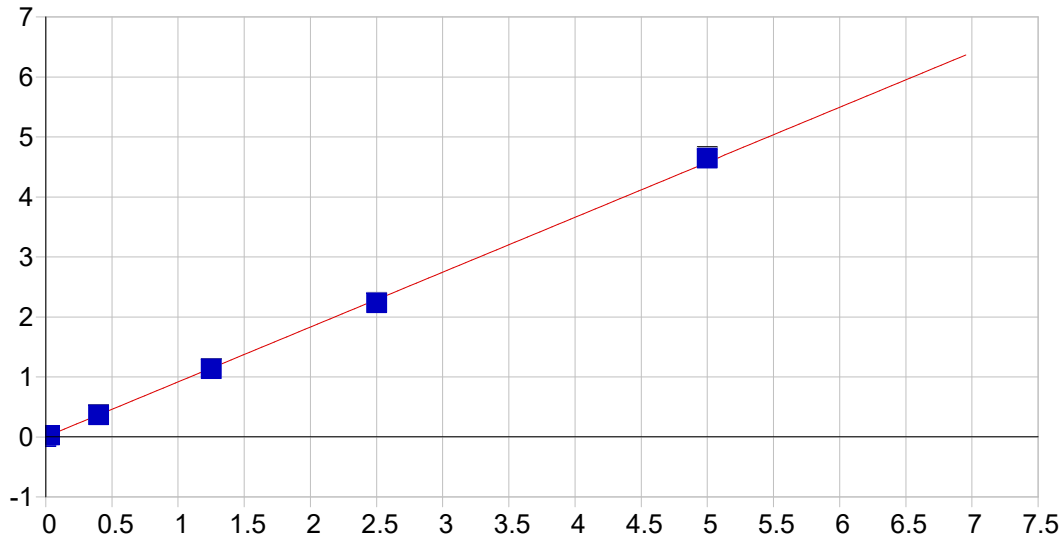
Inst Id :P4
LB :LB133086



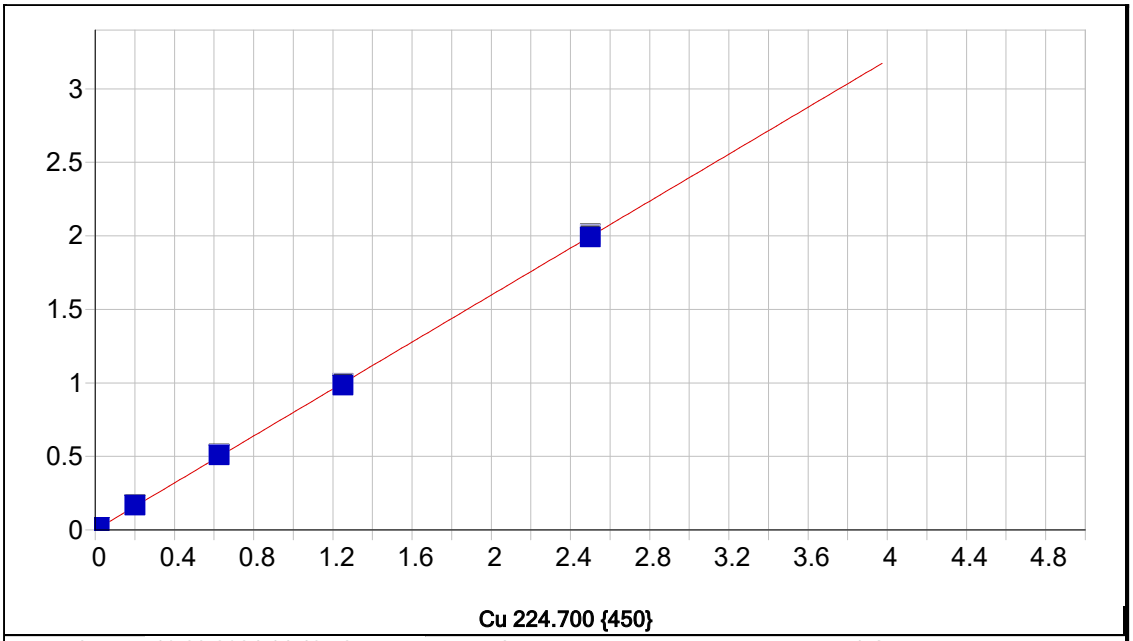
Co 228.616 {448}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000013	Re-Slope:	1.000000
A1 (Gain):	0.915332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000314		
Predicted MDL:	0.000187		
Predicted MQL:	0.000623		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.03000	.02965	-.000	-1.16	.02701	.000	1
S3	1.2500	1.2377	-.012	-.984	1.1348	.003	1
S4	2.5000	2.4406	-.059	-2.38	2.2378	.004	1
S5	5.0000	5.0733	.073	1.47	4.6515	.018	1
S2	.40000	.39877	-.001	-.308	.36561	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



Cu 224.700 {450}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000099	Re-Slope:	1.000000
A1 (Gain):	0.798677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.000154		
Predicted MDL:	0.000366		
Predicted MQL:	0.001220		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02193	.002	9.66	.01782	.000	1
S3	.62500	.63764	.013	2.02	.51413	.001	1
S4	1.2500	1.2327	-.017	-1.39	.99410	.003	1
S5	2.5000	2.4925	-.008	-.301	2.0098	.003	1
S2	.20000	.21030	.010	5.15	.16958	.001	1

Reviewed By:jaswal
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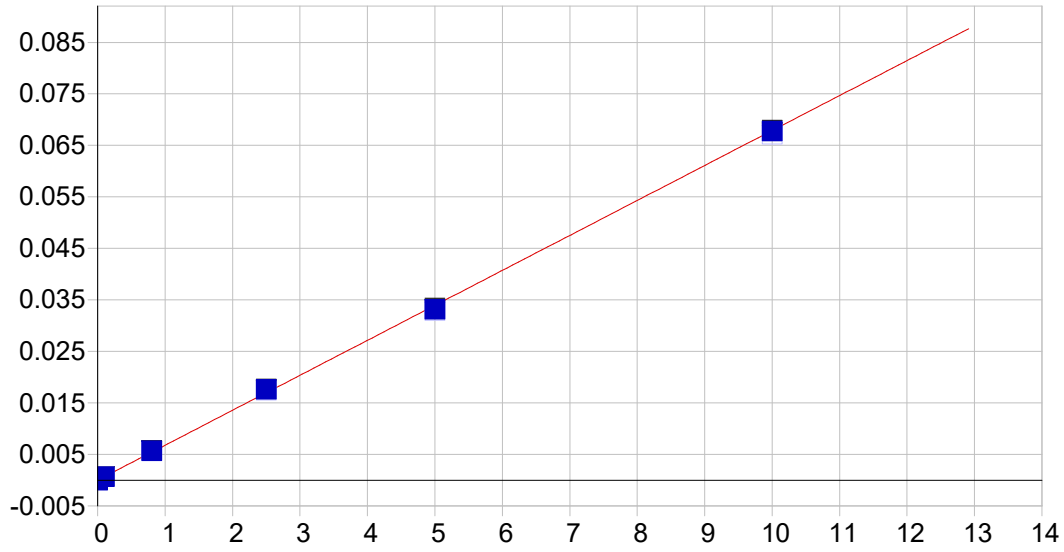

Fe 240.488 {140}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000012	Re-Slope:	1.000000
A1 (Gain):	0.006790	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.003933		
Predicted MQL:	0.013110		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.10000	.10200	.002	2.00	.00067	.000	1
S3	2.5000	2.5925	.093	3.70	.01745	.000	1
S4	5.0000	4.8885	-.112	-2.23	.03289	.000	1
S5	10.000	9.9770	-.023	-.230	.06715	.000	1
S2	.80000	.84004	.040	5.00	.00565	.000	1

Reviewed By:jaswal
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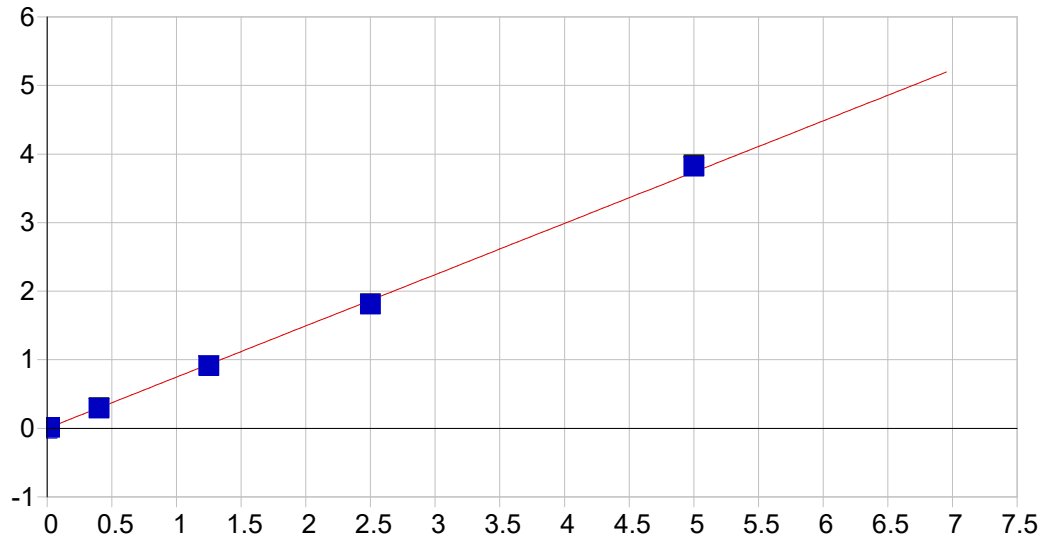
Inst Id :P4
LB :LB133086



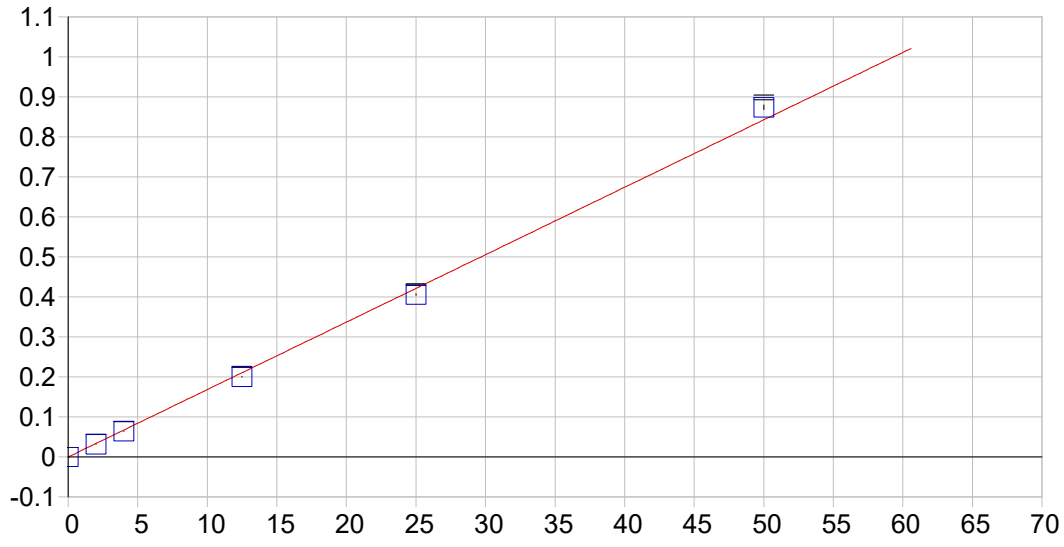
Mn 257.610 {131}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000085	Re-Slope:	1.000000
A1 (Gain):	0.747231	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999682	Status:	OK.
Std Error of Est:	0.000313		
Predicted MDL:	0.000224		
Predicted MQL:	0.000747		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.02000	.01972	-.000	-1.38	.01466	.000	1
S3	1.2500	1.2215	-.028	-2.28	.91285	.002	1
S4	2.5000	2.4204	-.080	-3.18	1.8089	.004	1
S5	5.0000	5.1137	.114	2.27	3.8218	.017	1
S2	.40000	.39469	-.005	-1.33	.29490	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



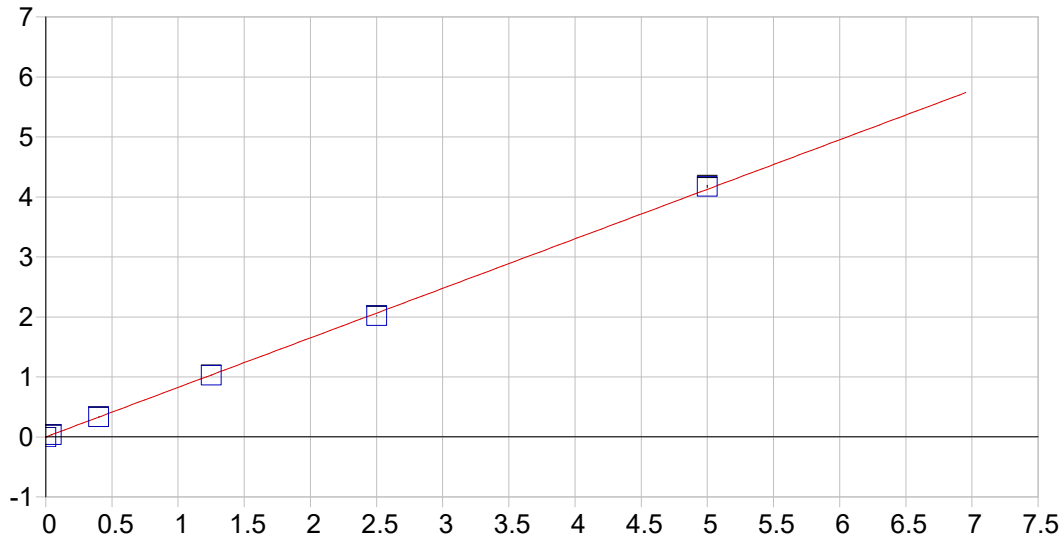
Mg 279.079 {121}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000147	Re-Slope:	1.000000
A1 (Gain):	0.016856	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999197	Status:	OK.
Std Error of Est:	0.000358		
Predicted MDL:	0.010406		
Predicted MQL:	0.034686		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00032	.000	.000	-.00014	.000	1
S2	4.0000	3.7838	-.216	-5.40	.06363	.000	1
S3	12.500	11.897	-.603	-4.83	.20038	.001	1
S4	25.000	24.082	-.918	-3.67	.40577	.002	1
S5	50.000	51.855	1.85	3.71	.87389	.006	1
S1	2.0000	1.8827	-.117	-5.86	.03159	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



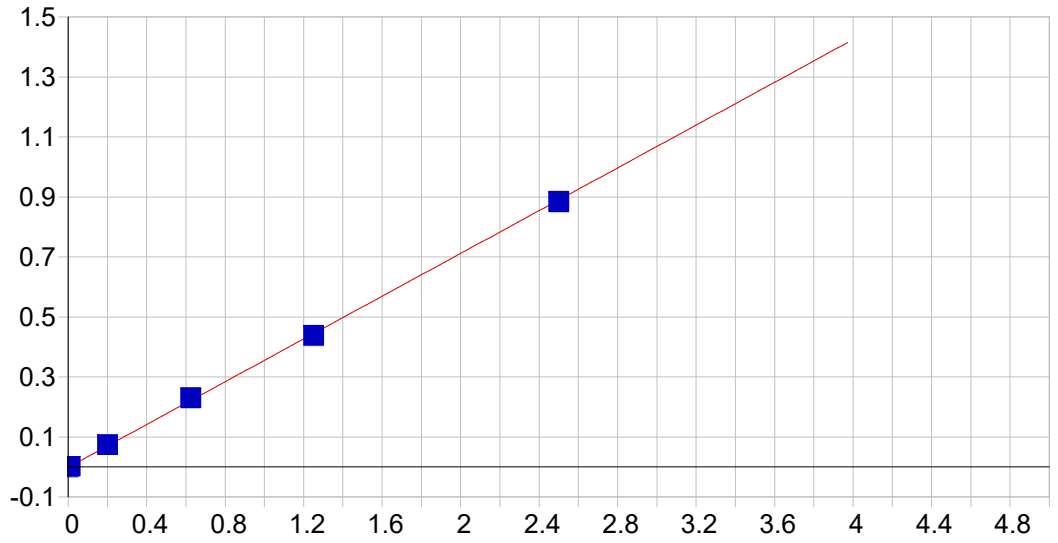
Ni 231.604 {446}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000180	Re-Slope:	1.000000
A1 (Gain):	0.825416	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000290		
Predicted MDL:	0.000251		
Predicted MQL:	0.000836		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.04000	.03918	-.001	-2.04	.03216	.000	1
S3	1.2500	1.2460	-.004	-.324	1.0283	.002	1
S4	2.5000	2.4429	-.057	-2.29	2.0162	.003	1
S5	5.0000	5.0594	.059	1.19	4.1760	.017	1
S2	.40000	.40256	.003	.640	.33210	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



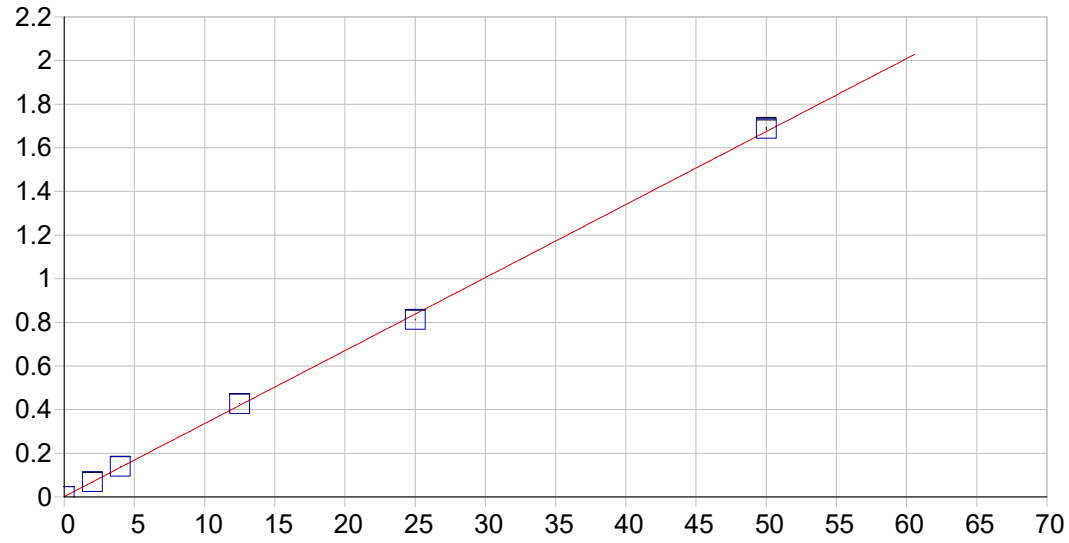
Ag 328.068 {103}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001319	Re-Slope:	1.000000
A1 (Gain):	0.356463	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999785	Status:	OK.
Std Error of Est:	0.000061		
Predicted MDL:	0.000302		
Predicted MQL:	0.001007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00132	.000	1
S1	.01000	.01048	.000	4.82	.00239	.000	1
S3	.62500	.64830	.023	3.73	.22889	.000	1
S4	1.2500	1.2314	-.019	-1.48	.43588	.001	1
S5	2.5000	2.4831	-.017	-.675	.88029	.002	1
S2	.20000	.21164	.012	5.82	.07384	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



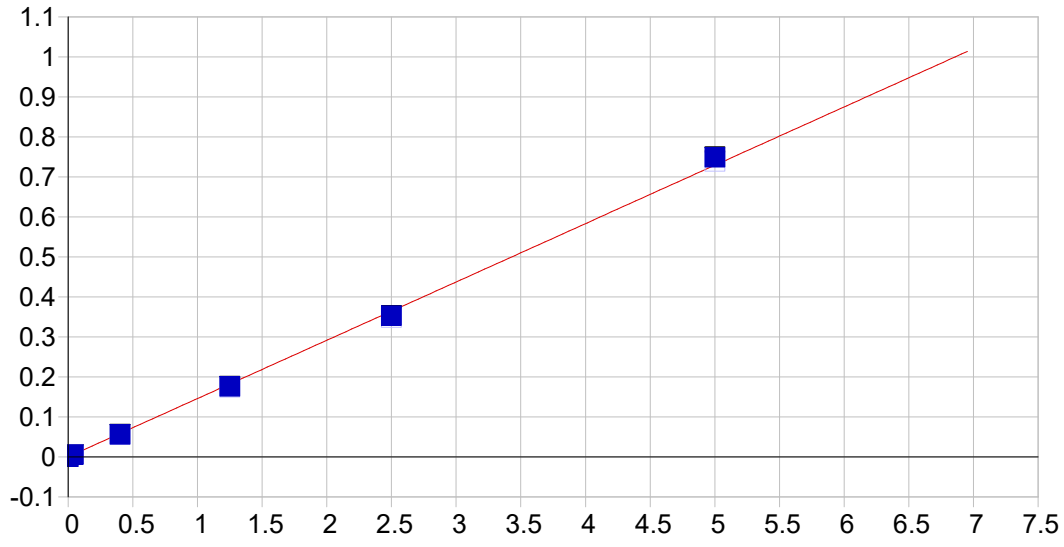
Na 589.592 { 57}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001633	Re-Slope:	1.000000
A1 (Gain):	0.033455	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999812	Status:	OK.
Std Error of Est:	0.000343		
Predicted MDL:	0.004984		
Predicted MQL:	0.016614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00163	.000	1
S2	4.0000	4.1293	.129	3.23	.13978	.001	1
S3	12.500	12.725	.225	1.80	.42736	.001	1
S4	25.000	24.234	-.766	-3.06	.81239	.002	1
S5	50.000	50.410	.410	.820	1.6881	.007	1
S1	2.0000	2.0017	.002	.084	.06860	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



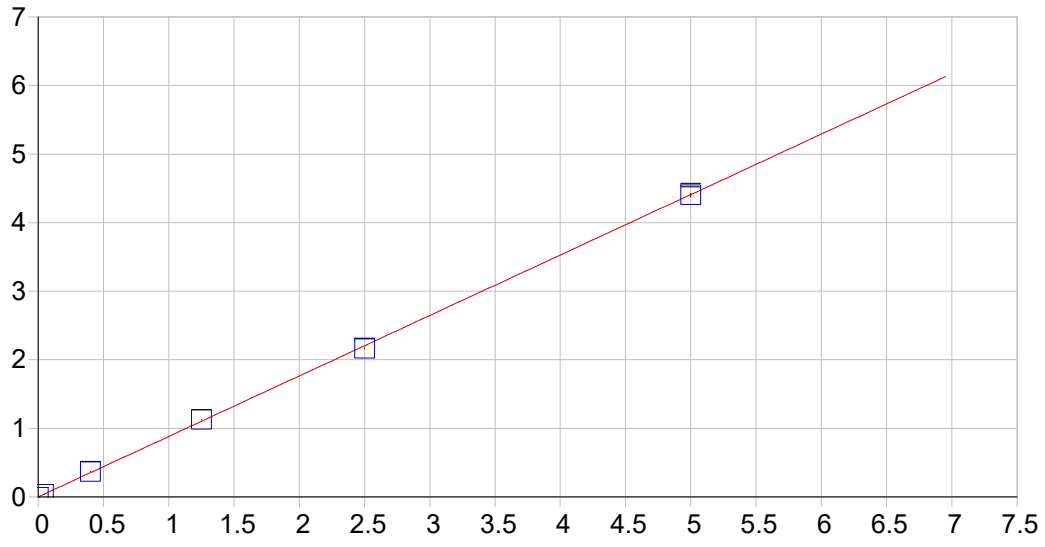
V 292.402 {115}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000005	Re-Slope:	1.000000
A1 (Gain):	0.145812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999528	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.001236		
Predicted MQL:	0.004119		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00001	.000	1
S1	.04000	.03724	-.003	-6.91	.00522	.000	1
S3	1.2500	1.2074	-.043	-3.40	.17341	.001	1
S4	2.5000	2.4216	-.078	-3.14	.34779	.001	1
S5	5.0000	5.1380	.138	2.76	.73856	.001	1
S2	.40000	.38564	-.014	-3.59	.05539	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



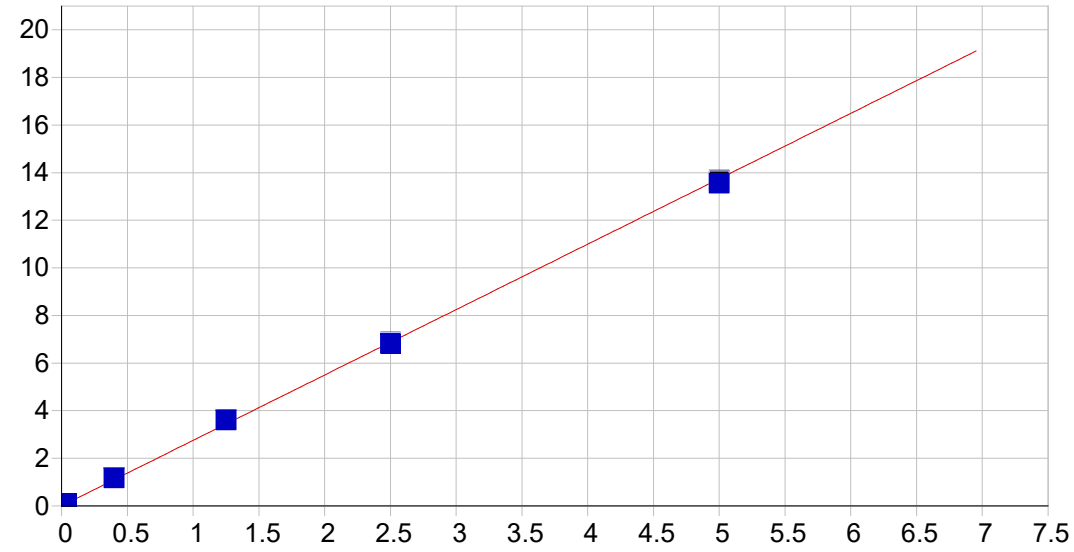
Zn 206.200 {464}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000490	Re-Slope:	1.000000
A1 (Gain):	0.881763	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000342		
Predicted MDL:	0.000211		
Predicted MQL:	0.000705		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.04000	.04199	.002	4.97	.03751	.000	1
S3	1.2500	1.2784	.028	2.27	1.1277	.004	1
S4	2.5000	2.4567	-.043	-1.73	2.1667	.005	1
S5	5.0000	4.9929	-.007	-.142	4.4030	.025	1
S2	.40000	.42004	.020	5.01	.37086	.001	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



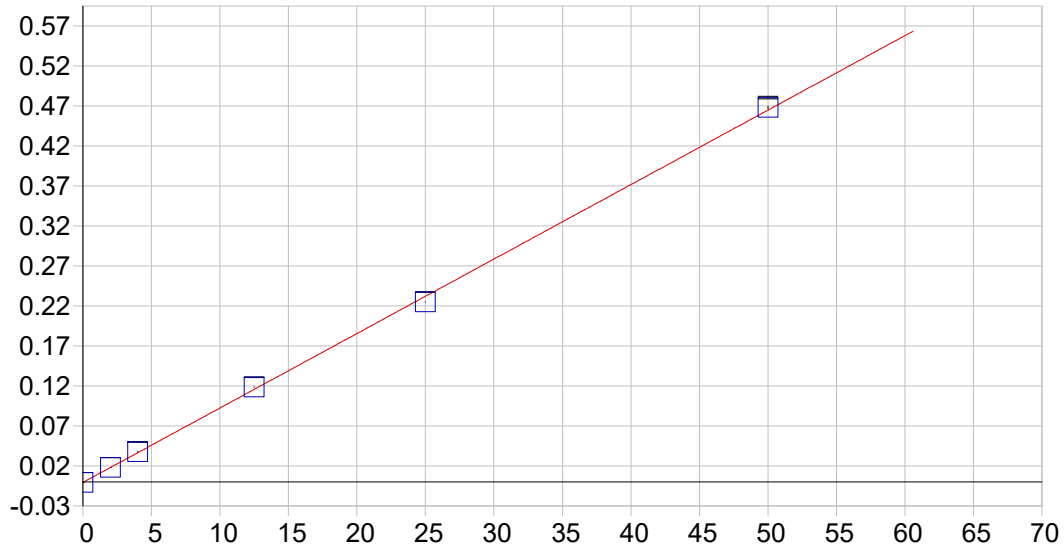
Zn 213.856 {158}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003373	Re-Slope:	1.000000
A1 (Gain):	2.748335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999693	Status:	OK.
Std Error of Est:	0.001609		
Predicted MDL:	0.000292		
Predicted MQL:	0.000973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00336	.001	1
S1	.04000	.04264	.003	6.59	.12132	.001	1
S3	1.2500	1.3081	.058	4.65	3.6225	.011	1
S4	2.5000	2.4809	-.019	-.766	6.8694	.019	1
S5	5.0000	4.9318	-.068	-1.36	13.653	.036	1
S2	.40000	.42655	.027	6.64	1.1833	.005	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



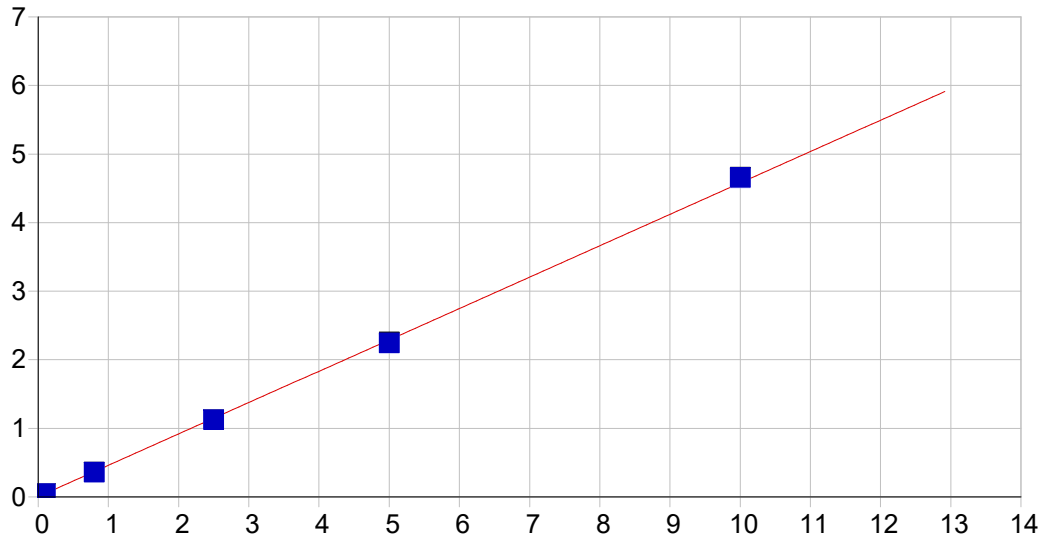
K 766.490 { 44}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000715	Re-Slope:	1.000000
A1 (Gain):	0.009312	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999807	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.020616		
Predicted MQL:	0.068720		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	-.00072	.000	1
S2	4.0000	4.1240	.124	3.10	.03769	.000	1
S3	12.500	12.778	.278	2.22	.11828	.000	1
S4	25.000	24.234	-.766	-3.06	.22496	.000	1
S5	50.000	50.346	.346	.692	.46811	.002	1
S1	2.0000	2.0174	.017	.869	.01807	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



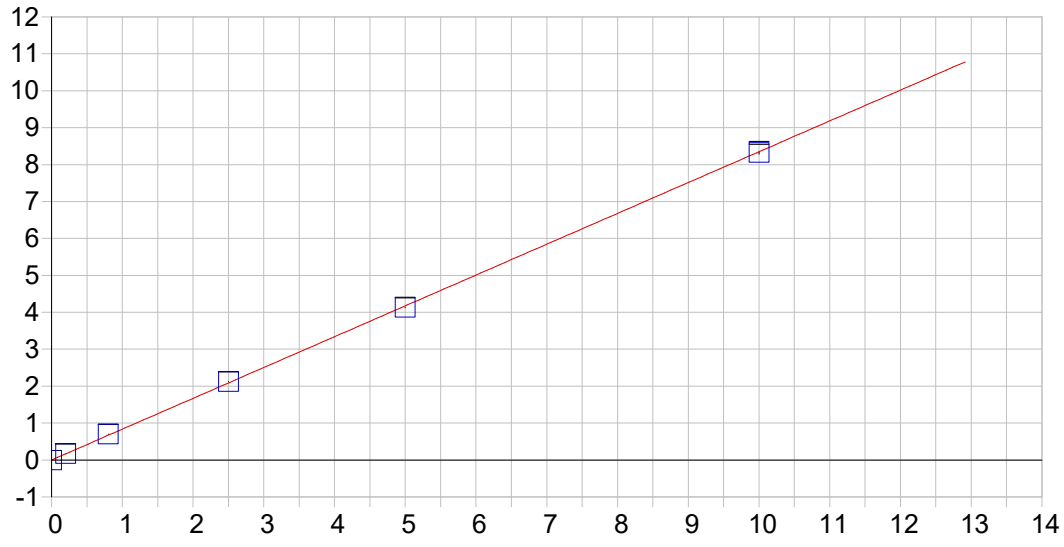
B 249.678 {135}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002523	Re-Slope:	1.000000
A1 (Gain):	0.457640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999814	Status:	OK.
Std Error of Est:	0.000463		
Predicted MDL:	0.000519		
Predicted MQL:	0.001729		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00253	.000	1
S1	.10000	.09420	-.006	-5.80	.04544	.000	1
S3	2.5000	2.4522	-.048	-1.91	1.1225	.002	1
S4	5.0000	4.9036	-.096	-1.93	2.2421	.010	1
S5	10.000	10.174	.174	1.74	4.6494	.004	1
S2	.80000	.77637	-.024	-2.95	.35711	.002	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



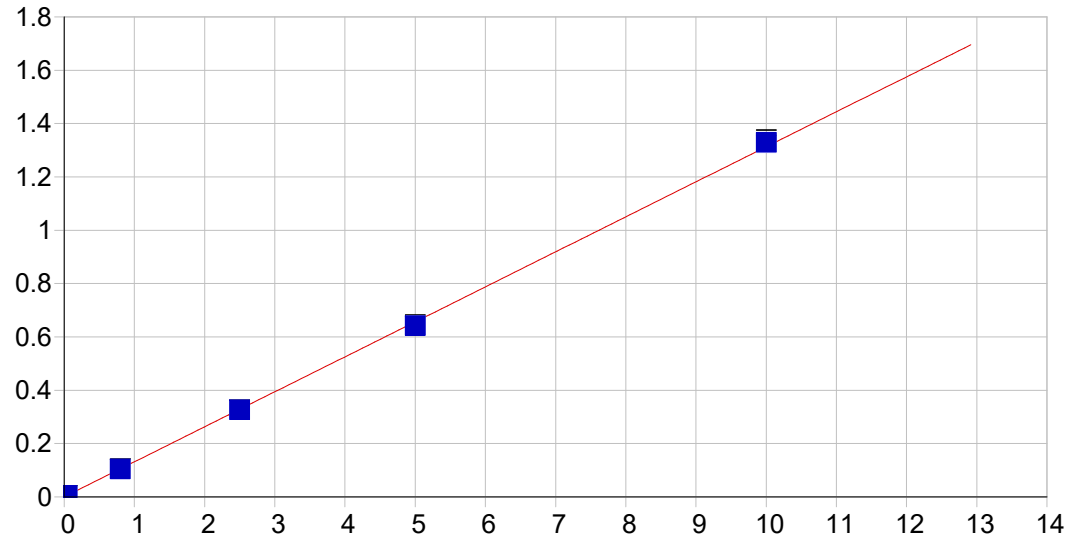
Mo 202.030 {467}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000043	Re-Slope:	1.000000
A1 (Gain):	0.834817	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000773		
Predicted MDL:	0.000237		
Predicted MQL:	0.000791		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.20000	.20177	.002	.883	.16848	.000	1
S3	2.5000	2.5436	.044	1.74	2.1235	.006	1
S4	5.0000	4.9493	-.051	-1.01	4.1318	.008	1
S5	10.000	9.9709	-.029	-.291	8.3240	.039	1
S2	.80000	.83444	.034	4.31	.69665	.002	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



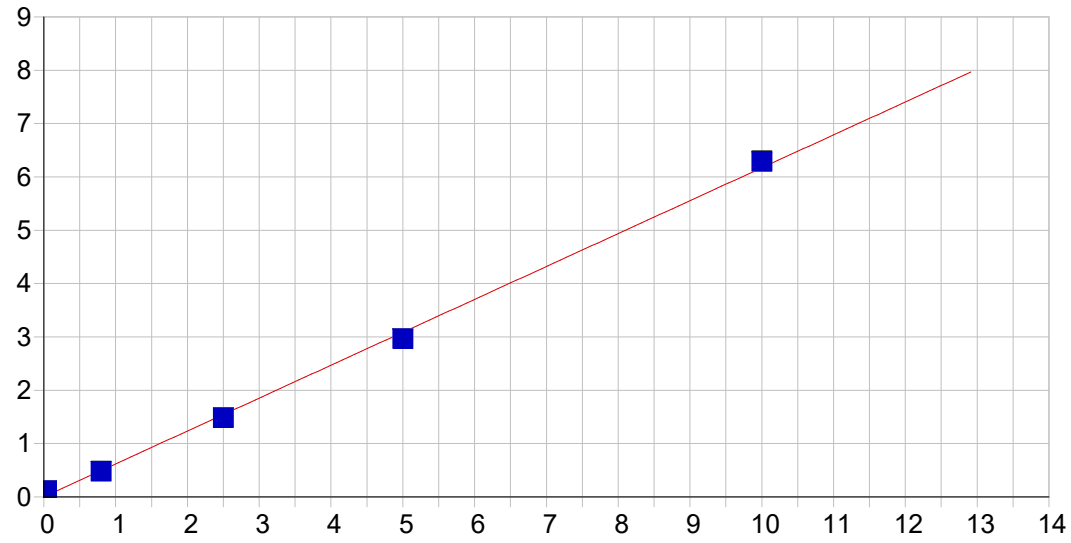
Sn 189.989 {478}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000304	Re-Slope:	1.000000
A1 (Gain):	0.131247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.000694		
Predicted MQL:	0.002314		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.04000	.03721	-.003	-6.98	.00518	.000	1
S3	2.5000	2.4879	-.012	-.483	.32650	.001	1
S4	5.0000	4.8930	-.107	-2.14	.64182	.003	1
S5	10.000	10.125	.125	1.25	1.3278	.010	1
S2	.80000	.79731	-.003	-.336	.10484	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



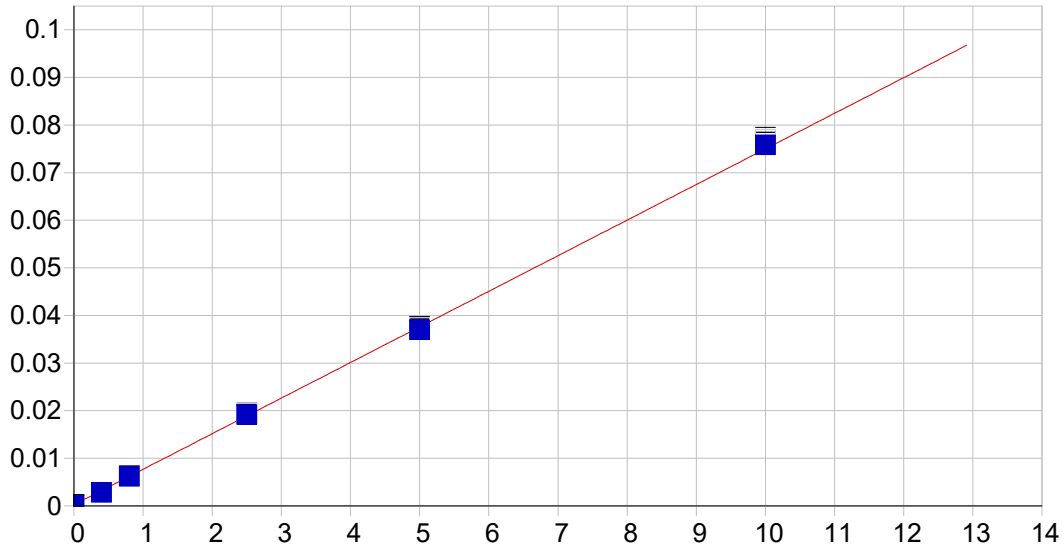
Ti 336.121 {100}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001869	Re-Slope:	1.000000
A1 (Gain):	0.616949	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.985896	Status:	OK.
Std Error of Est:	0.003471		
Predicted MDL:	0.000430		
Predicted MQL:	0.001433		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00178	.000	1
S1	.04000	.18295	.143	357.	.11472	.000	1
S3	2.5000	2.3973	-.103	-4.11	1.4803	.002	1
S4	5.0000	4.8019	-.198	-3.96	2.9633	.002	1
S5	10.000	10.188	.188	1.88	6.2849	.010	1
S2	.80000	.77018	-.030	-3.73	.47686	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



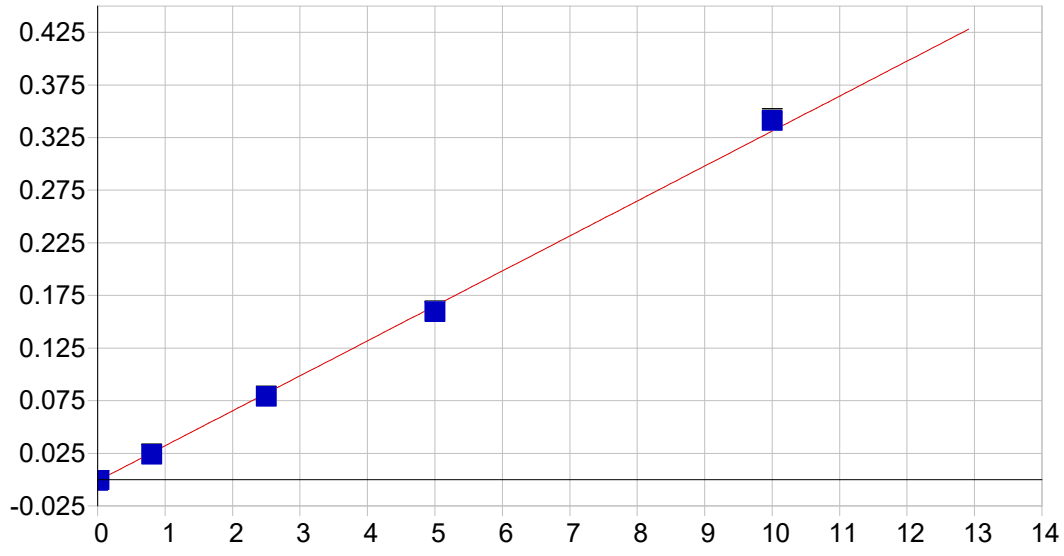
Si 288.158 {117}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000218	Re-Slope:	1.000000
A1 (Gain):	0.007477	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999716	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.006034		
Predicted MQL:	0.020113		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00022	.000	1
S1	.40000	.34399	-.056	-14.0	.00280	.000	1
S3	2.5000	2.5316	.032	1.27	.01943	.000	1
S4	5.0000	4.9146	-.085	-1.71	.03753	.000	1
S5	10.000	10.111	.111	1.11	.07694	.001	1
S2	.80000	.79797	-.002	-.254	.00627	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



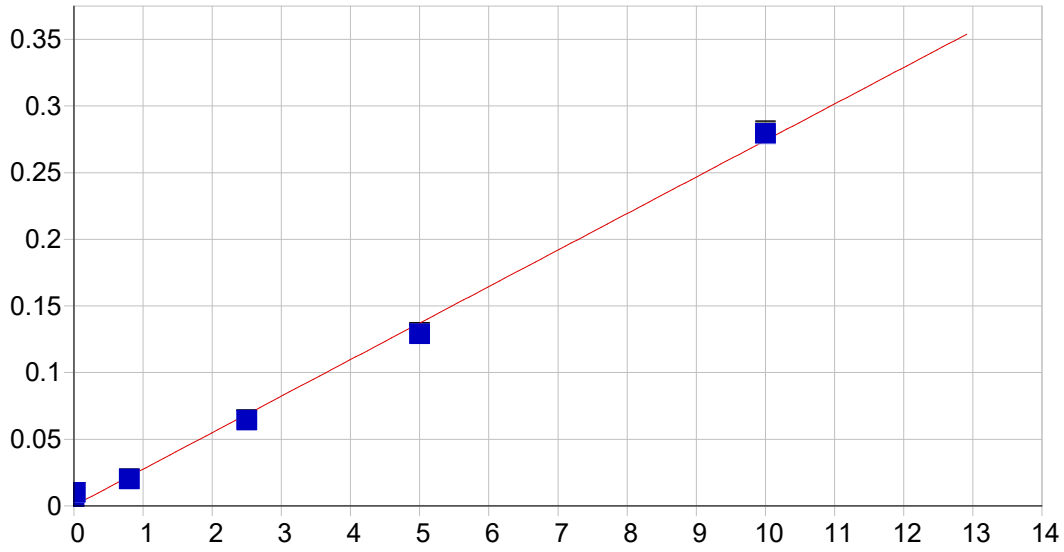
P 177.495 {490}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001093	Re-Slope:	1.000000
A1 (Gain):	0.033230	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999469	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.002506		
Predicted MQL:	0.008352		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00109	.000	1
S1	.02000	.01814	-.002	-9.31	-.00049	.000	1
S3	2.5000	2.4112	-.089	-3.55	.07902	.000	1
S4	5.0000	4.8388	-.161	-3.22	.15968	.000	1
S5	10.000	10.294	.294	2.94	.34094	.002	1
S2	.80000	.75733	-.043	-5.33	.02407	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



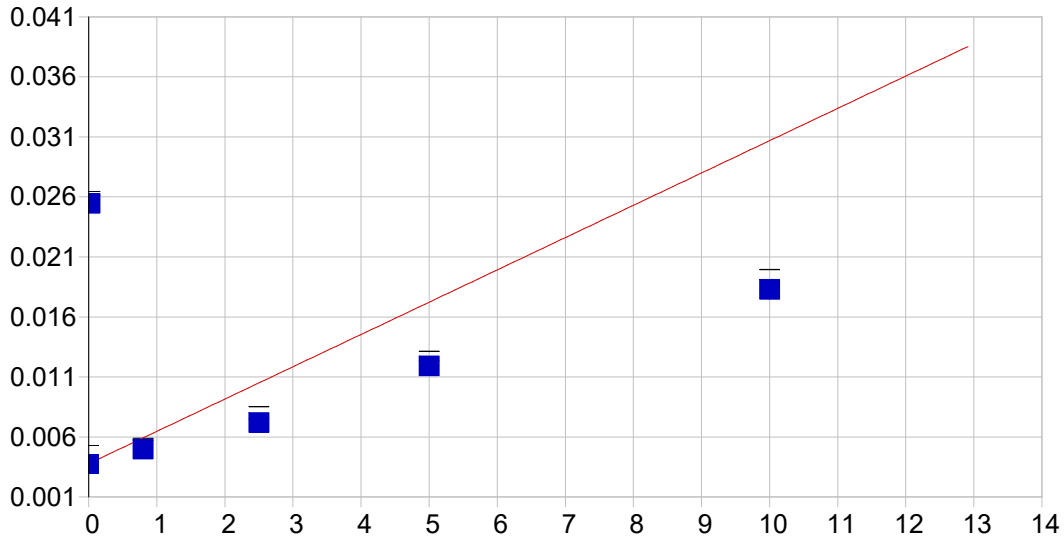
S 182.034 {485}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000185	Re-Slope:	1.000000
A1 (Gain):	0.027393	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.870004	Status:	OK.
Std Error of Est:	0.000363		
Predicted MDL:	0.003064		
Predicted MQL:	0.010214		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	.00018	.000	1
S1	.02000	.36086	.341	1700.	.01005	.000	1
S3	2.5000	2.3405	-.159	-6.38	.06412	.000	1
S4	5.0000	4.7094	-.291	-5.81	.12884	.001	1
S5	10.000	10.196	.196	1.96	.27877	.002	1
S2	.80000	.72695	-.073	-9.13	.02004	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



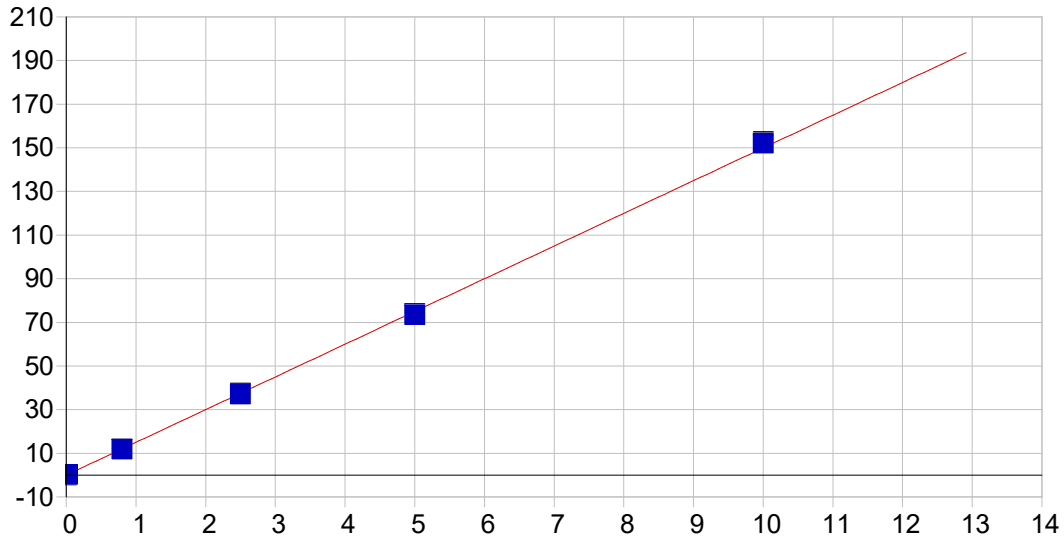
Li 670.784 { 50}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003768	Re-Slope:	1.000000
A1 (Gain):	0.002692	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.075131	Status:	OK.
Std Error of Est:	0.000838		
Predicted MDL:	0.259626		
Predicted MQL:	0.865421		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00800	-.008	.000	.00375	.001	1
S5	10.000	5.3911	-4.61	-46.1	.01830	.001	1
S4	5.0000	3.0216	-1.98	-39.6	.01191	.000	1
S3	2.5000	1.2691	-1.23	-49.2	.00719	.001	1
S1	.02000	8.0527	8.03	40200.	.02545	.000	1
S2	.80000	.44826	-.352	-44.0	.00498	.000	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



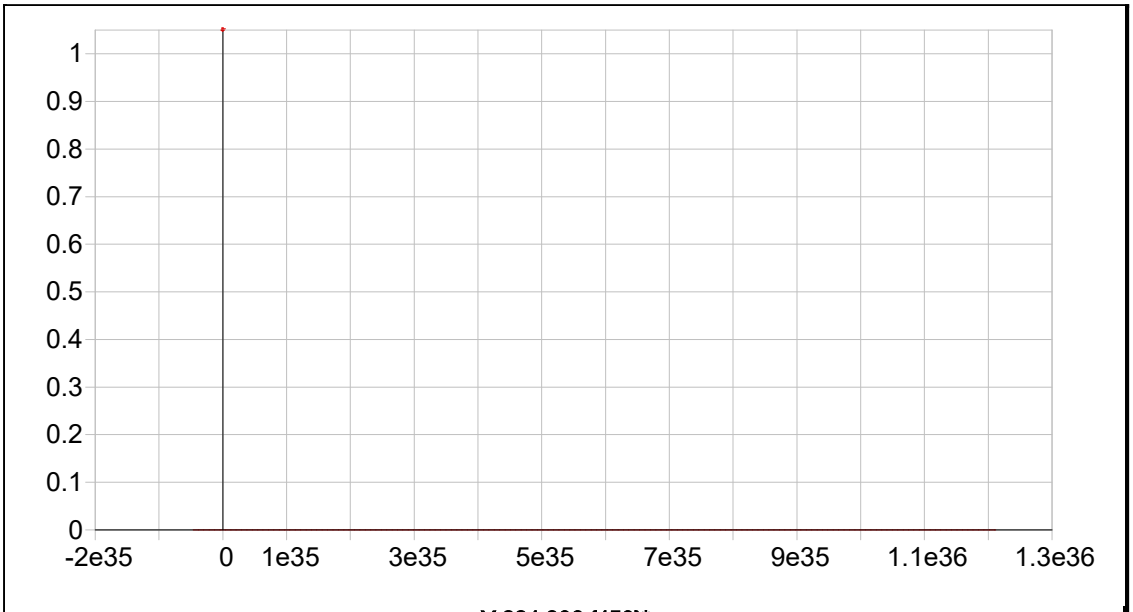
Sr 407.771 { 83}

Date of Fit:	10/23/2024 14:49:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000078	Re-Slope:	1.000000
A1 (Gain):	14.995142	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.005354		
Predicted MDL:	0.000029		
Predicted MQL:	0.000098		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.02000	.01922	-.001	-3.88	.28970	.001	1
S3	2.5000	2.4743	-.026	-1.03	37.139	.396	1
S4	5.0000	4.9028	-.097	-1.94	73.594	.331	1
S5	10.000	10.137	.137	1.37	152.15	.666	1
S2	.80000	.78714	-.013	-1.61	11.815	.059	1

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086

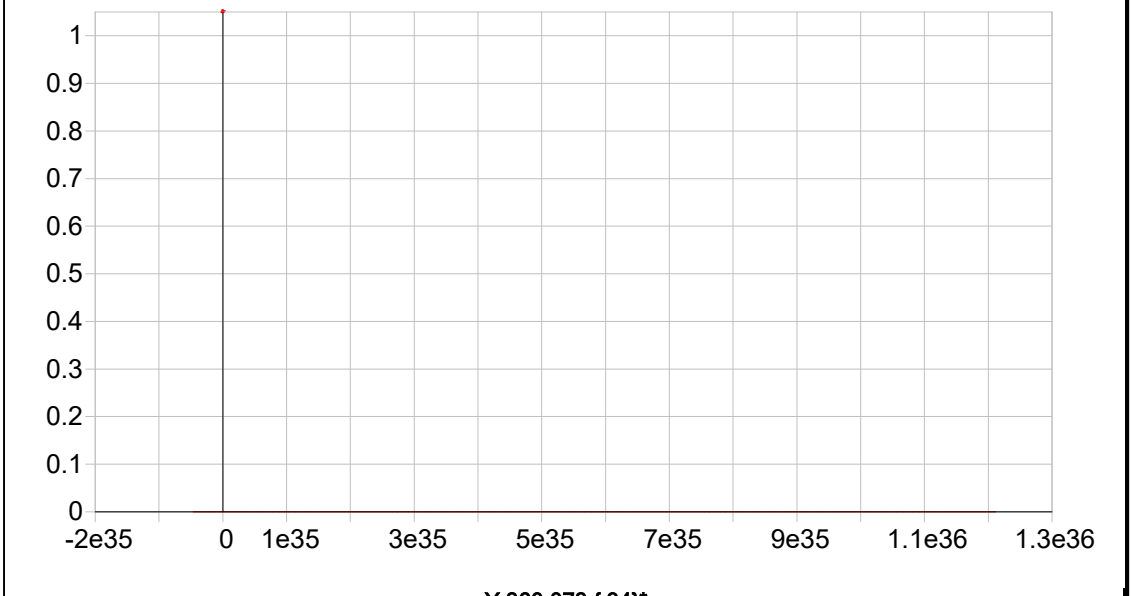


Y 224.306 {450}*

Date of Fit:	10/21/2024 19:01:12	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}*

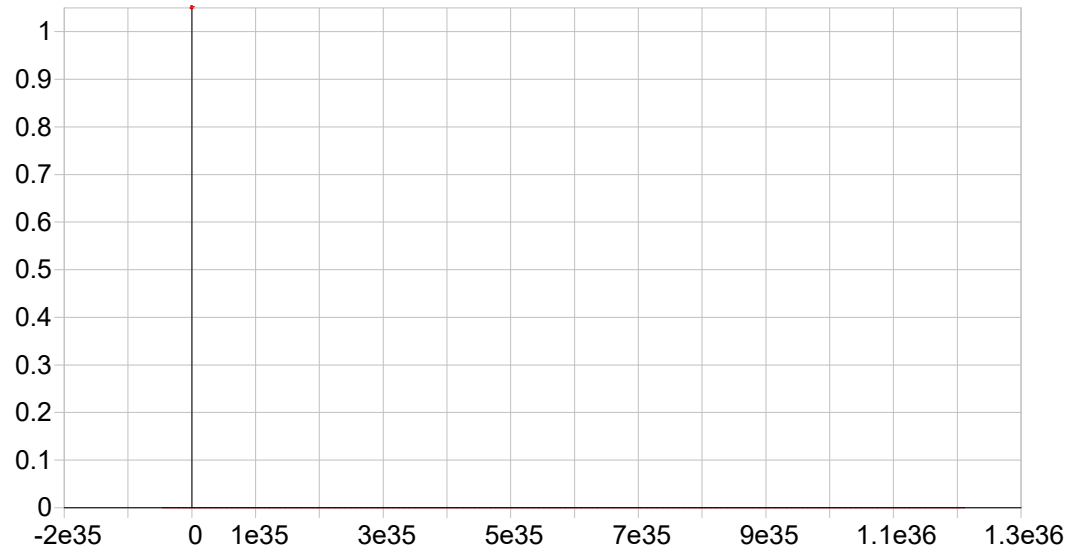
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086

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



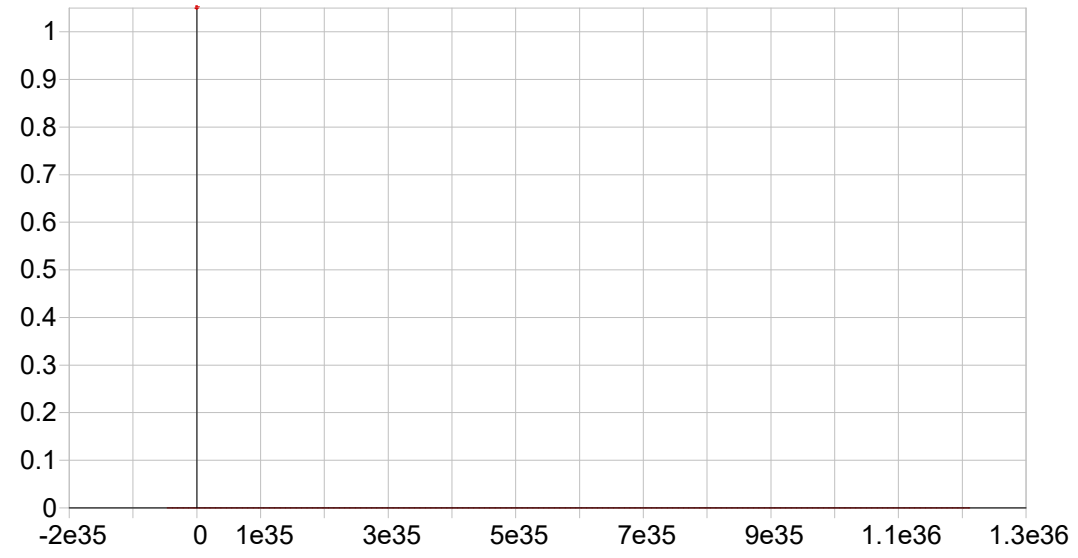
Y 371.030 { 91}*

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

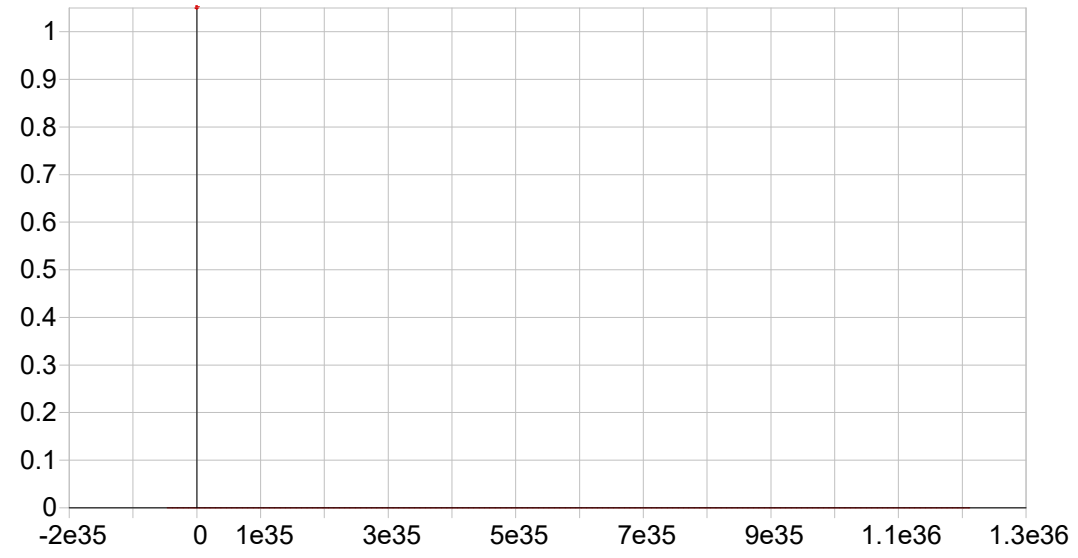
Reviewed By:jaswal
On:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086



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:10/26/2024 8:07:20 AM
Inst Id :P4
LB :LB133086

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