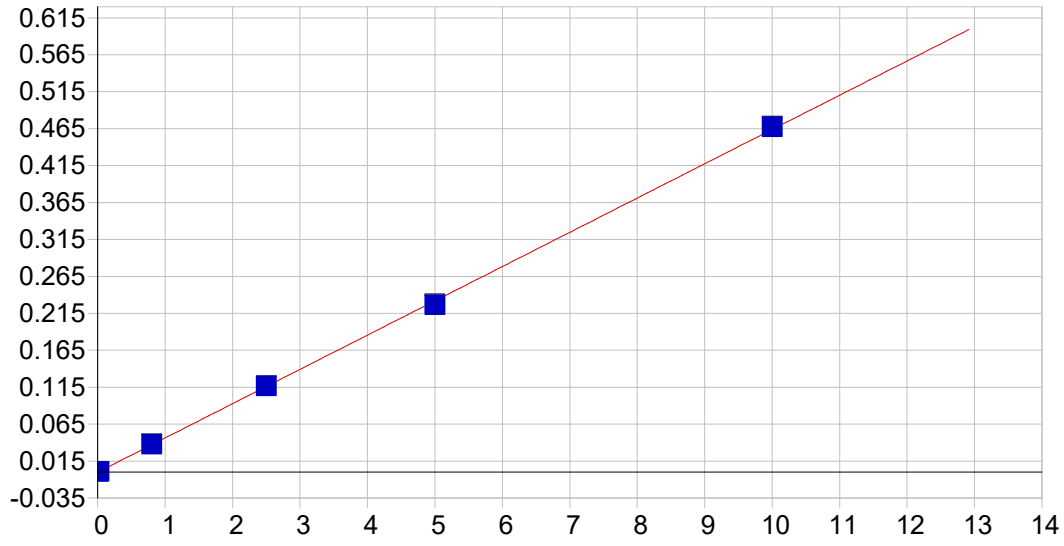
Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



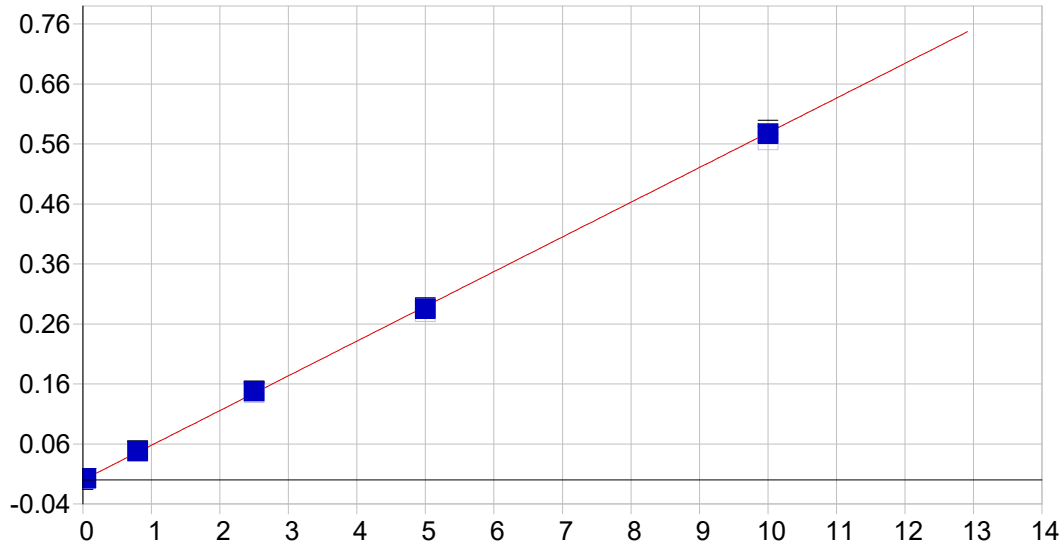
As 189.042 {479}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000115	Re-Slope:	1.000000
A1 (Gain):	0.046398	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.003186		
Predicted MQL:	0.010620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02255	.003	12.7	.00093	.000	1
S3	2.5000	2.5164	.016	.658	.11654	.000	1
S4	5.0000	4.8882	-.112	-2.24	.22649	.001	1
S5	10.000	10.075	.075	.748	.46694	.001	1
S2	.80000	.81805	.018	2.26	.03781	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



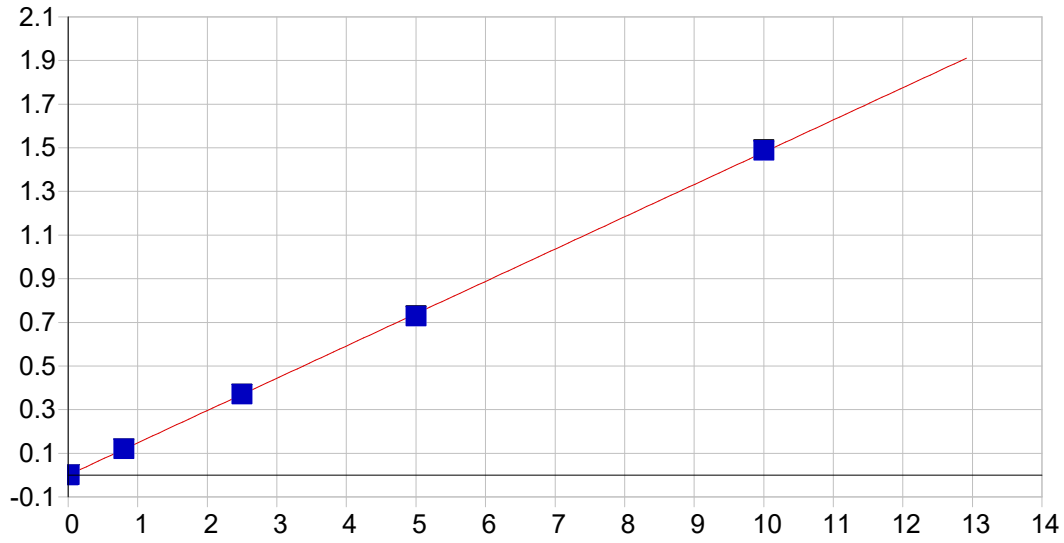
Tl 190.856 {477}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000079	Re-Slope:	1.000000
A1 (Gain):	0.057867	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002129		
Predicted MQL:	0.007095		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04539	.005	13.5	.00240	.000	1
S3	2.5000	2.5525	.053	2.10	.14496	.001	1
S4	5.0000	4.9362	-.064	-1.28	.28023	.001	1
S5	10.000	9.9786	-.021	-.214	.56669	.005	1
S2	.80000	.82760	.028	3.45	.04696	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



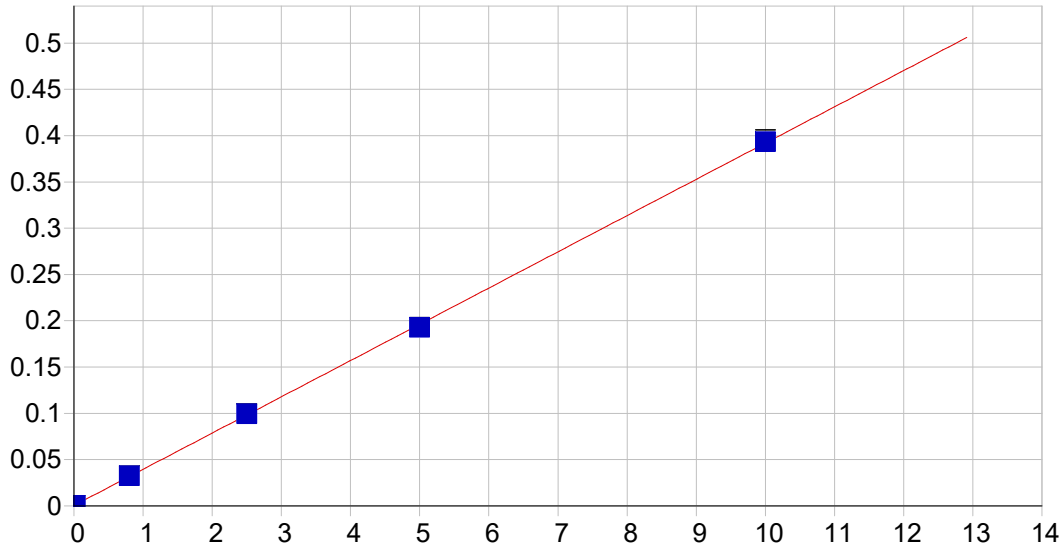
Pb 220.353 {453}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	0.147964	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.001923		
Predicted MQL:	0.006410		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01200	.01272	.001	6.03	.00183	.000	1
S3	2.5000	2.5055	.005	.219	.37032	.001	1
S4	5.0000	4.9228	-.077	-1.54	.72762	.002	1
S5	10.000	10.063	.063	.626	1.4874	.003	1
S2	.80000	.80844	.008	1.05	.11948	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



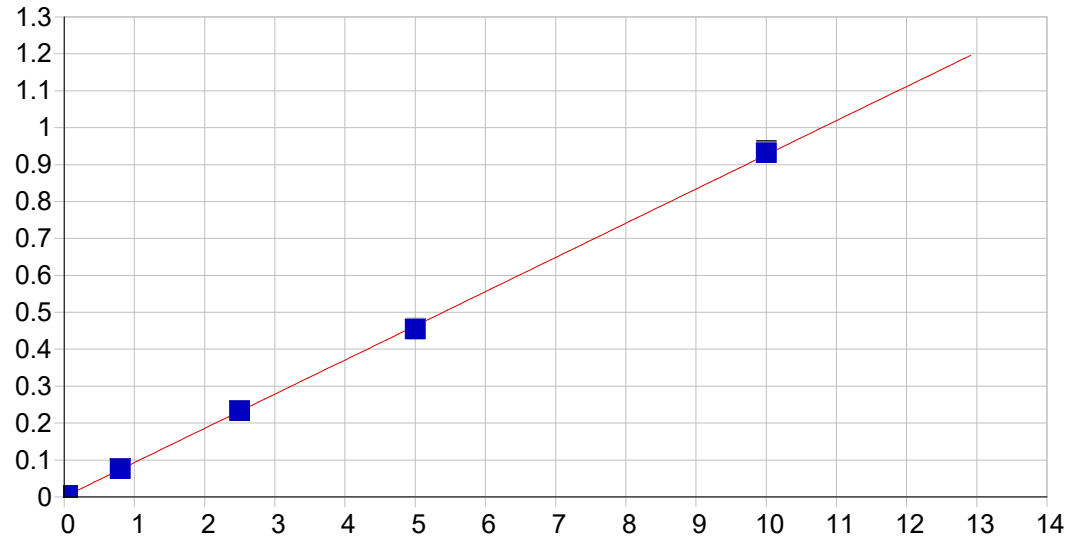
Se 196.090 {472}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000378	Re-Slope:	1.000000
A1 (Gain):	0.039159	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.004192		
Predicted MQL:	0.013974		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.02000	.01790	-.002	-10.5	.00108	.000	1
S3	2.5000	2.5290	.029	1.16	.09938	.000	1
S4	5.0000	4.9124	-.088	-1.75	.19268	.000	1
S5	10.000	10.038	.038	.380	.39332	.002	1
S2	.80000	.82271	.023	2.84	.03258	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



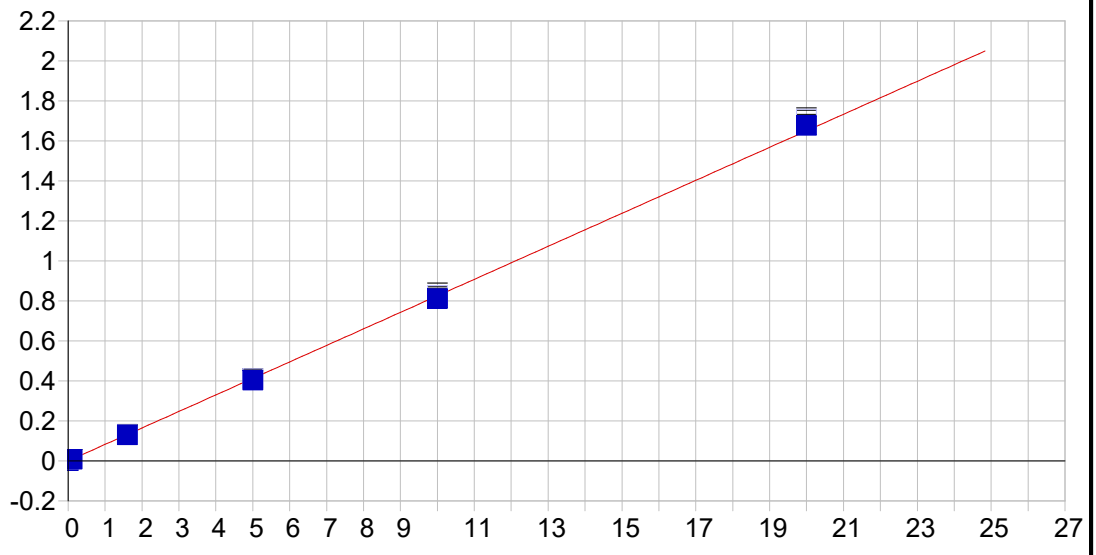
Sb 206.833 {463}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000370	Re-Slope:	1.000000
A1 (Gain):	0.092592	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.002670		
Predicted MQL:	0.008901		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.05000	.05147	.001	2.93	.00515	.000	1
S3	2.5000	2.5104	.010	.415	.23344	.000	1
S4	5.0000	4.9047	-.095	-1.91	.45576	.001	1
S5	10.000	10.062	.062	.621	.93456	.003	1
S2	.80000	.82131	.021	2.66	.07662	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



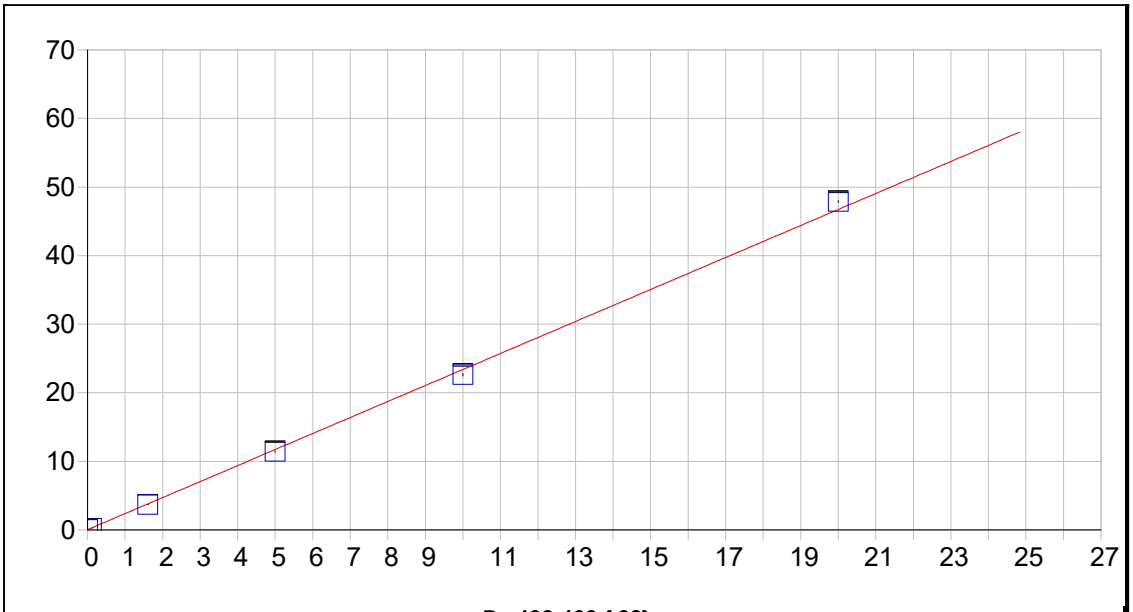
Al 396.152 { 85}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000118	Re-Slope:	1.000000
A1 (Gain):	0.082536	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999845	Status:	OK.
Std Error of Est:	0.000110		
Predicted MDL:	0.006609		
Predicted MQL:	0.022031		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00012	.000	1
S1	.10000	.09551	-.004	-4.49	.00841	.000	1
S3	5.0000	4.8781	-.122	-2.44	.41051	.001	1
S4	10.000	9.8359	-.164	-1.64	.82772	.013	1
S5	20.000	20.325	.325	1.62	1.7094	.006	1
S2	1.6000	1.5660	-.034	-2.13	.13169	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



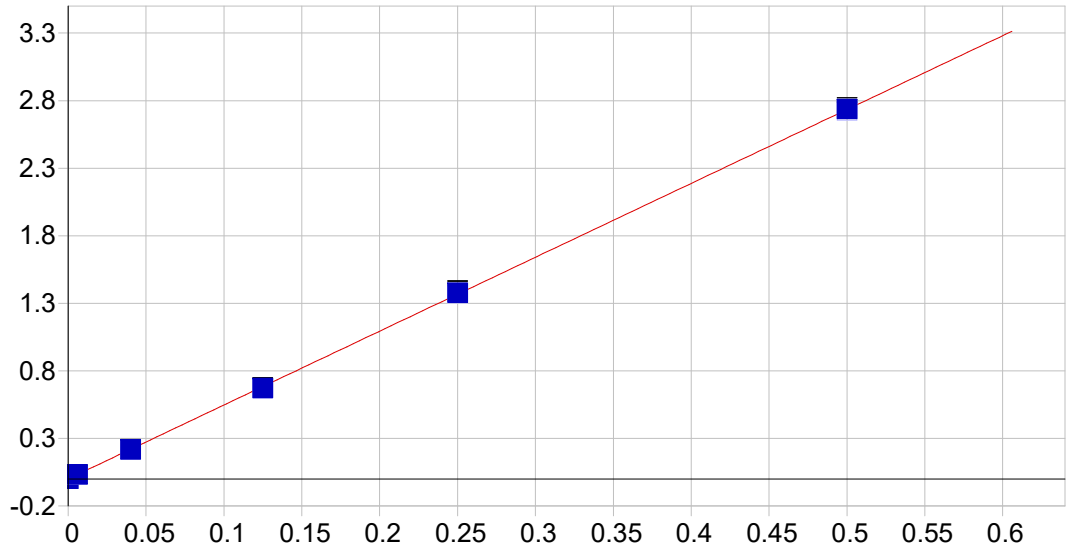
Ba 493.409 { 68}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.050973	Re-Slope:	1.000000
A1 (Gain):	2.334114	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999632	Status:	OK.
Std Error of Est:	0.004696		
Predicted MDL:	0.000897		
Predicted MQL:	0.002989		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.05100	.002	1
S1	.10000	.09377	-.006	-6.23	.26984	.001	1
S3	5.0000	4.8788	-.121	-2.42	11.439	.093	1
S4	10.000	9.6769	-.323	-3.23	22.638	.198	1
S5	20.000	20.493	.493	2.46	47.883	.139	1
S2	1.6000	1.5578	-.042	-2.63	3.6872	.017	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



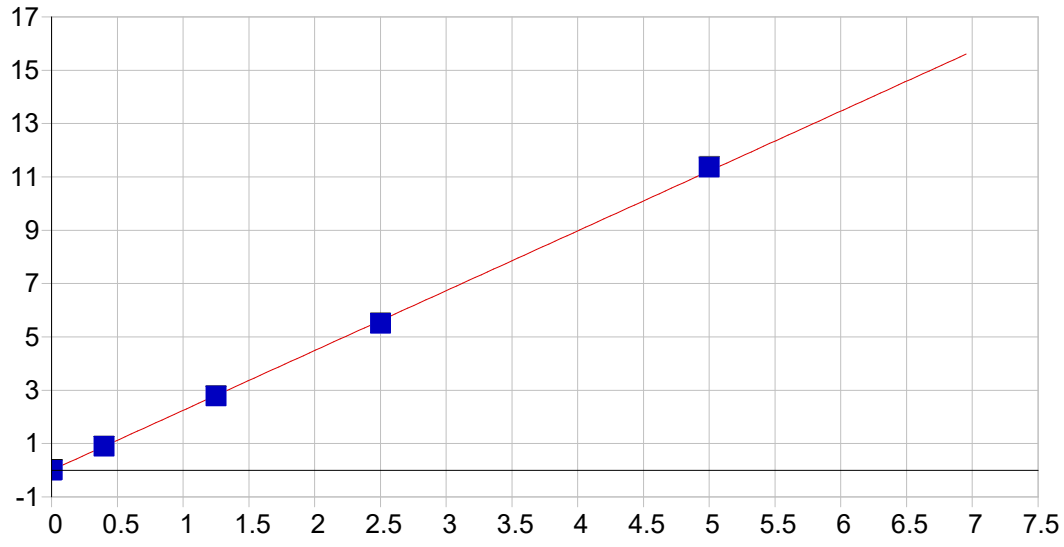
Be 234.861 {144}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000028	Re-Slope:	1.000000
A1 (Gain):	5.468391	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000127		
Predicted MDL:	0.000042		
Predicted MQL:	0.000139		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.00600	.00604	.000	.624	.03274	.000	1
S3	.12500	.12275	-.002	-1.80	.66818	.004	1
S4	.25000	.25206	.002	.825	1.3722	.015	1
S5	.50000	.50044	.000	.088	2.7243	.013	1
S2	.04000	.03971	-.000	-.729	.21613	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



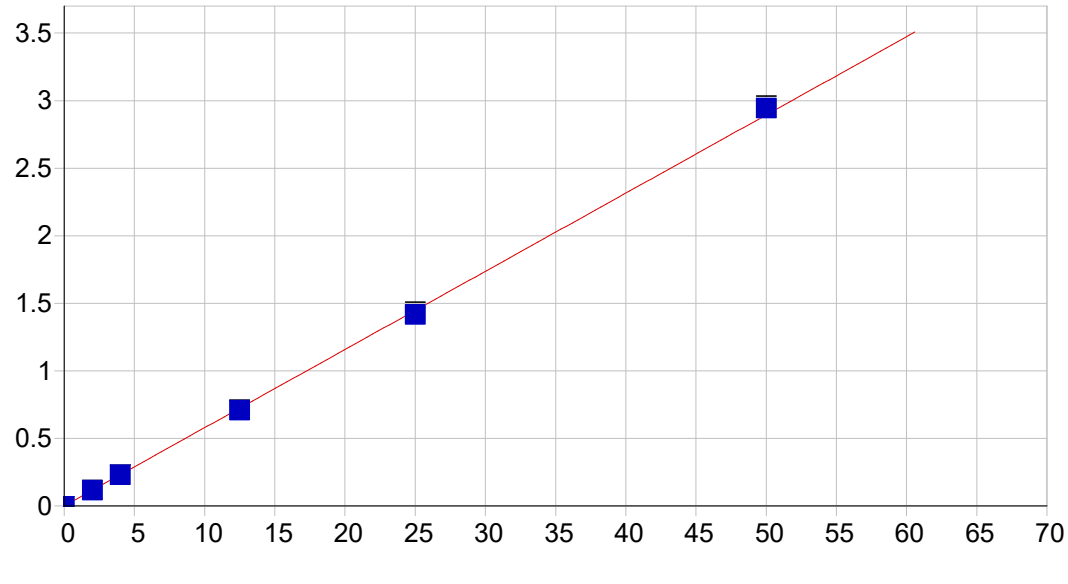
Cd 226.502 {449}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000061	Re-Slope:	1.000000
A1 (Gain):	2.244339	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999903	Status:	OK.
Std Error of Est:	0.000284		
Predicted MDL:	0.000092		
Predicted MQL:	0.000306		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00615	.000	2.51	.01393	.000	1
S3	1.2500	1.2386	-.011	-.909	2.7824	.001	1
S4	2.5000	2.4520	-.048	-1.92	5.5081	.007	1
S5	5.0000	5.0610	.061	1.22	11.369	.023	1
S2	.40000	.39823	-.002	-.444	.89461	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



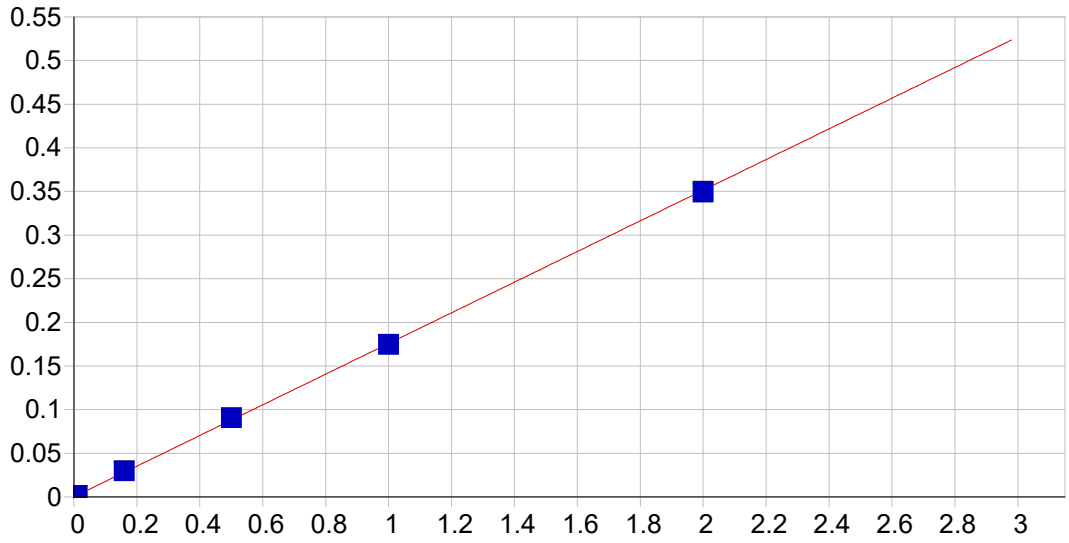
Ca 373.690 { 90}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000296	Re-Slope:	1.000000
A1 (Gain):	0.057873	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999827	Status:	OK.
Std Error of Est:	0.000570		
Predicted MDL:	0.008631		
Predicted MQL:	0.028771		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00030	.000	1
S2	4.0000	3.9566	-.043	-1.09	.22927	.001	1
S3	12.500	12.245	-.255	-2.04	.70893	.002	1
S4	25.000	24.451	-.549	-2.20	1.4153	.020	1
S5	50.000	50.856	.856	1.71	2.9435	.016	1
S1	2.0000	1.9919	-.008	-.407	.11557	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



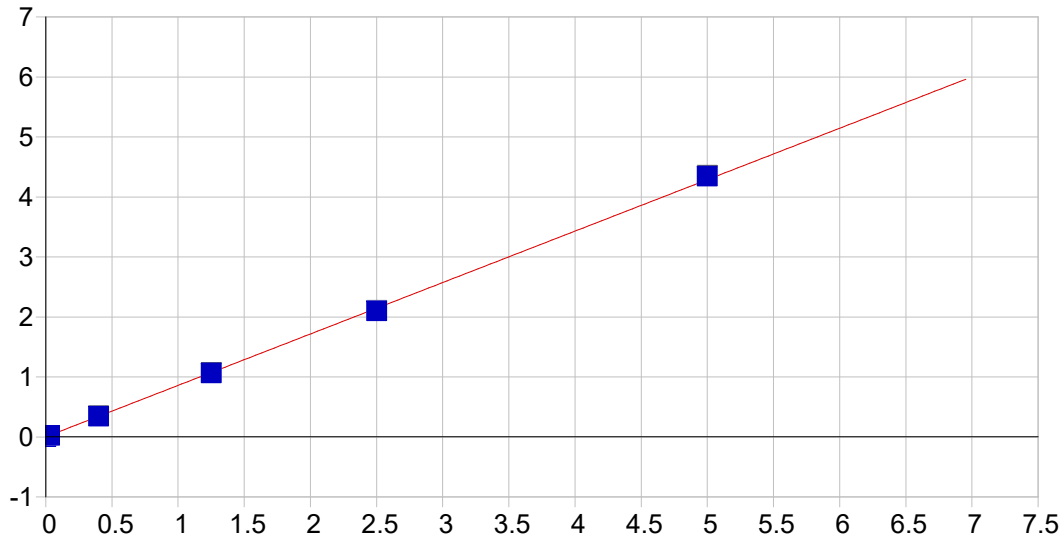
Cr 267.716 {126}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000110	Re-Slope:	1.000000
A1 (Gain):	0.175678	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000401		
Predicted MQL:	0.001338		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01000	.00980	-.000	-2.04	.00183	.000	1
S3	.50000	.51403	.014	2.81	.09044	.000	1
S4	1.0000	.99210	-.008	-.790	.17445	.000	1
S5	2.0000	1.9862	-.014	-.690	.34915	.001	1
S2	.16000	.16786	.008	4.91	.02961	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



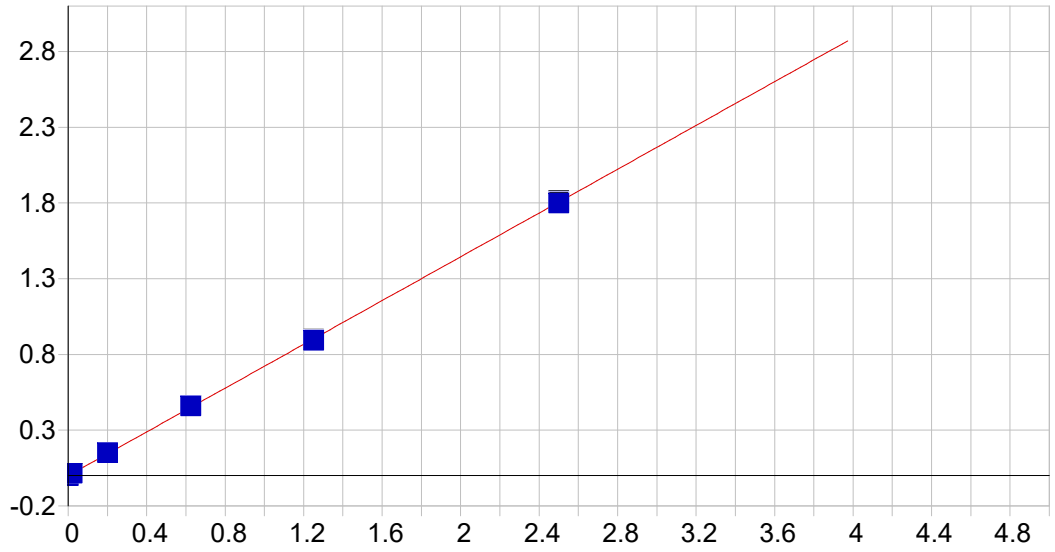
Co 228.616 {448}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000098	Re-Slope:	1.000000
A1 (Gain):	0.857466	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000252		
Predicted MDL:	0.000254		
Predicted MQL:	0.000845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.03000	.02925	-.001	-2.50	.02507	.000	1
S3	1.2500	1.2385	-.012	-.920	1.0639	.000	1
S4	2.5000	2.4501	-.050	-2.00	2.1046	.003	1
S5	5.0000	5.0630	.063	1.26	4.3488	.009	1
S2	.40000	.39915	-.001	-.212	.34294	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



Cu 224.700 {450}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000618	Re-Slope:	1.000000
A1 (Gain):	0.722630	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999860	Status:	OK.
Std Error of Est:	0.000143		
Predicted MDL:	0.000441		
Predicted MQL:	0.001471		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.02000	.02230	.002	11.5	.01565	.000	1
S3	.62500	.63738	.012	1.98	.46339	.001	1
S4	1.2500	1.2358	-.014	-1.13	.89925	.002	1
S5	2.5000	2.4887	-.011	-.451	1.8115	.004	1
S2	.20000	.21078	.011	5.39	.15279	.001	1

Reviewed By:Janvi
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Inst Id :P4
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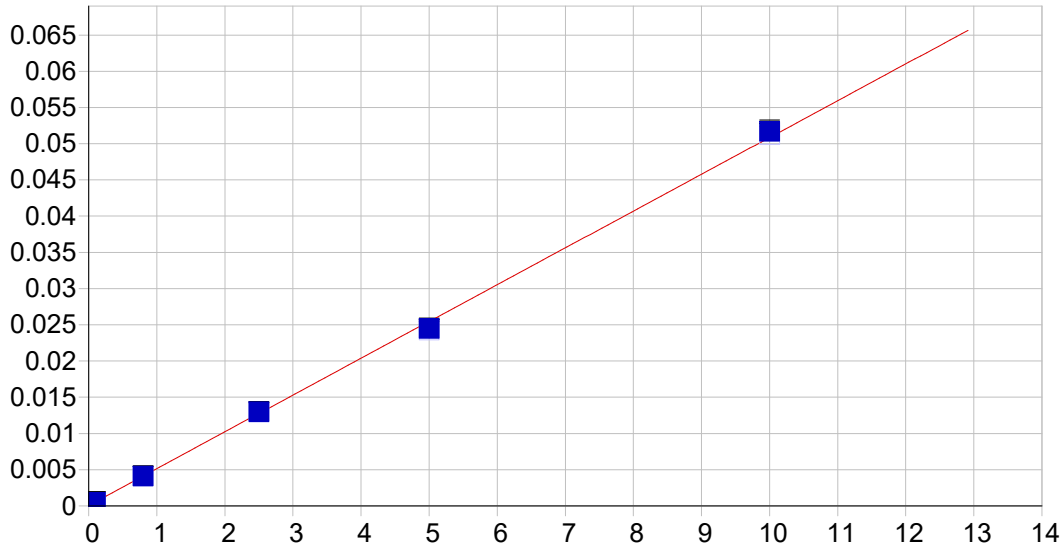

Fe 240.488 {140}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000066	Re-Slope:	1.000000
A1 (Gain):	0.005079	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999682	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.004846		
Predicted MQL:	0.016152		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00007	.000	1
S1	.10000	.09464	-.005	-5.36	.00054	.000	1
S3	2.5000	2.5450	.045	1.80	.01288	.000	1
S4	5.0000	4.8021	-.198	-3.96	.02424	.000	1
S5	10.000	10.160	.160	1.60	.05124	.000	1
S2	.80000	.79785	-.002	-.269	.00408	.000	1

Reviewed By:Janvi
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Inst Id :P4
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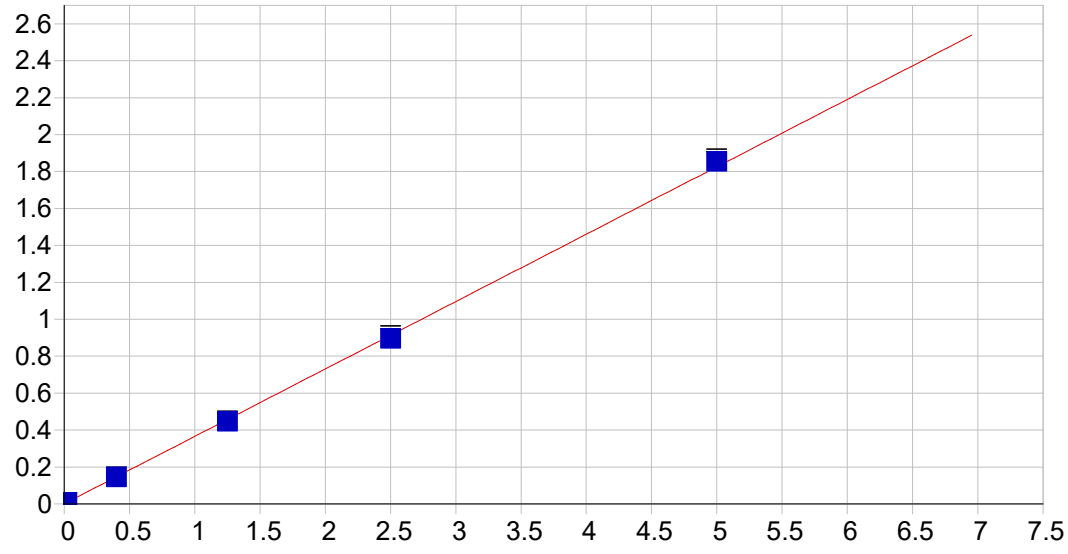


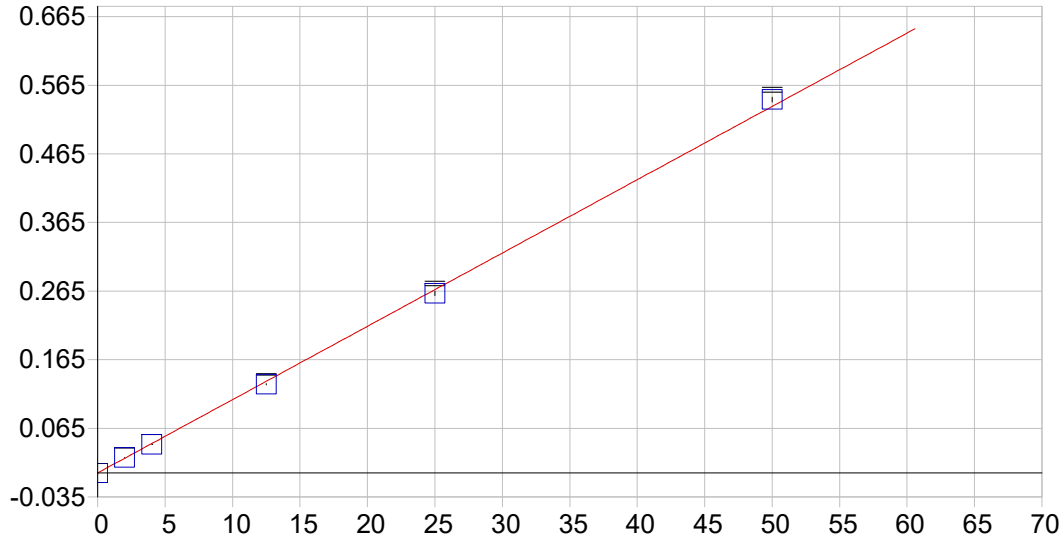
Mn 257.610 {131}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000918	Re-Slope:	1.000000
A1 (Gain):	0.364903	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999847	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000466		
Predicted MQL:	0.001552		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00092	.000	1
S1	.02000	.01997	-.000	-.149	.00821	.000	1
S3	1.2500	1.2217	-.028	-2.26	.44682	.003	1
S4	2.5000	2.4538	-.046	-1.85	.89651	.014	1
S5	5.0000	5.0792	.079	1.58	1.8547	.014	1
S2	.40000	.39524	-.005	-1.19	.14517	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



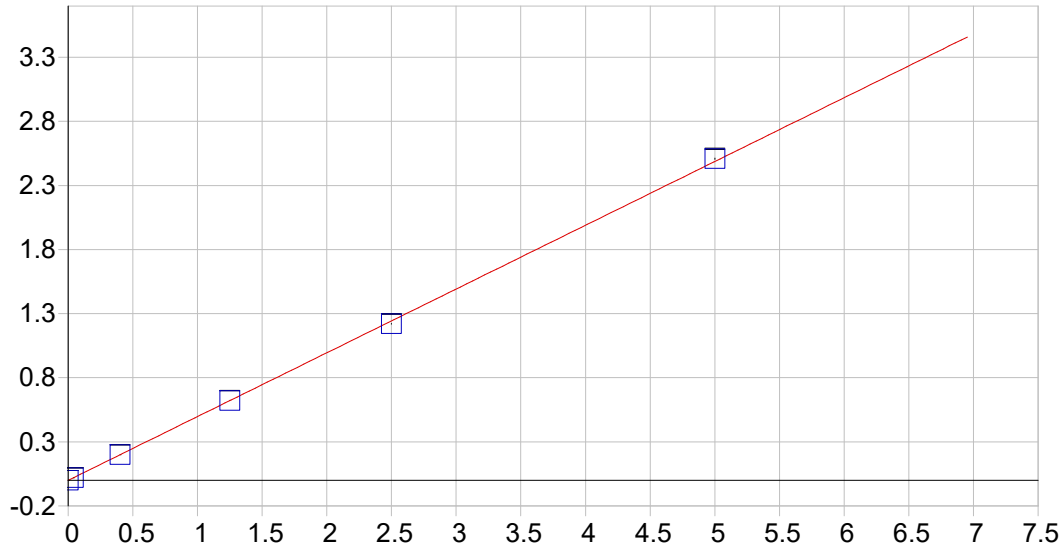
Mg 279.079 {121}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000059	Re-Slope:	1.000000
A1 (Gain):	0.010684	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999748	Status:	OK.
Std Error of Est:	0.000127		
Predicted MDL:	0.017484		
Predicted MQL:	0.058281		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00006	.000	1
S2	4.0000	3.8988	-.101	-2.53	.04160	.000	1
S3	12.500	12.086	-.414	-3.31	.12907	.001	1
S4	25.000	24.500	-.500	-2.00	.26171	.003	1
S5	50.000	50.933	.933	1.87	.54413	.003	1
S1	2.0000	2.0828	.083	4.14	.02220	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



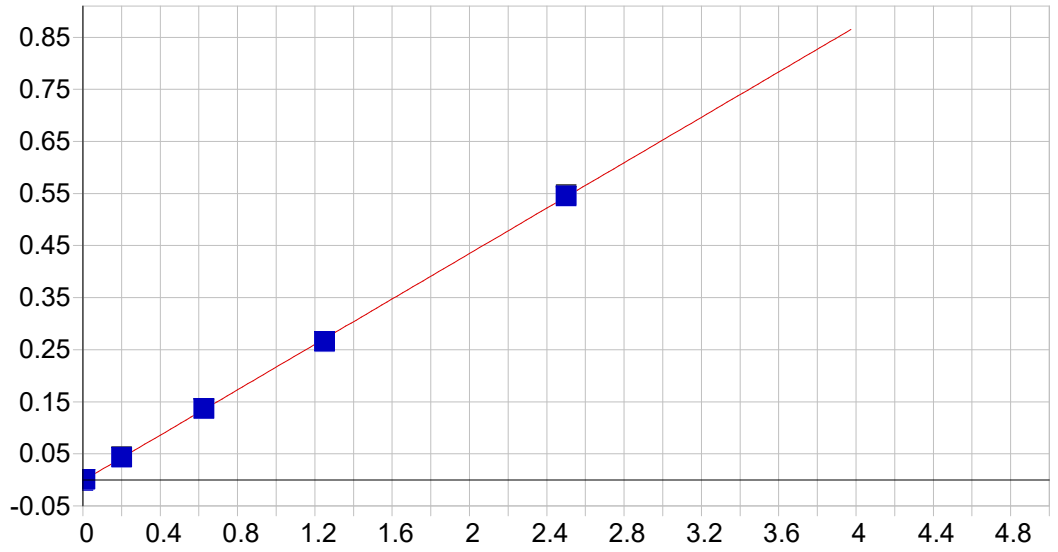
Ni 231.604 {446}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000339	Re-Slope:	1.000000
A1 (Gain):	0.497509	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000138		
Predicted MDL:	0.000378		
Predicted MQL:	0.001262		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.04000	.03917	-.001	-2.08	.01915	.000	1
S3	1.2500	1.2510	.001	.084	.62207	.001	1
S4	2.5000	2.4533	-.047	-1.87	1.2202	.002	1
S5	5.0000	5.0440	.044	.880	2.5091	.005	1
S2	.40000	.40245	.002	.612	.19988	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



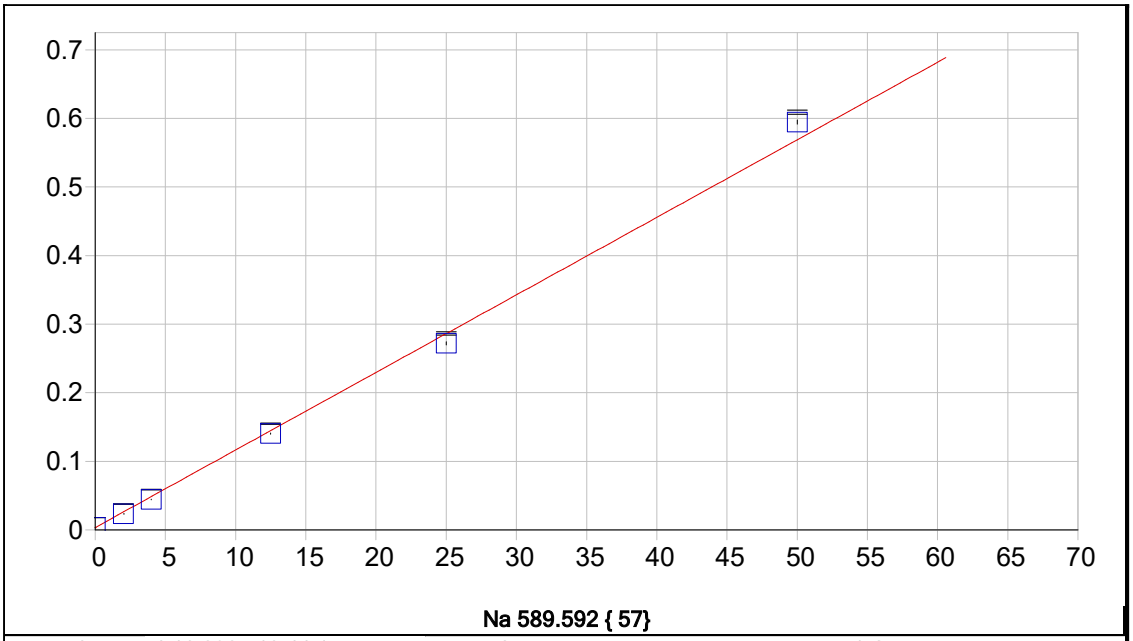
Ag 328.068 {103}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001433	Re-Slope:	1.000000
A1 (Gain):	0.218049	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999909	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.000428		
Predicted MQL:	0.001427		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00143	.000	1
S1	.01000	.01000	.000	.001	.00073	.000	1
S3	.62500	.63319	.008	1.31	.13609	.000	1
S4	1.2500	1.2255	-.024	-1.96	.26471	.000	1
S5	2.5000	2.5099	.010	.395	.54368	.001	1
S2	.20000	.20638	.006	3.19	.04340	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



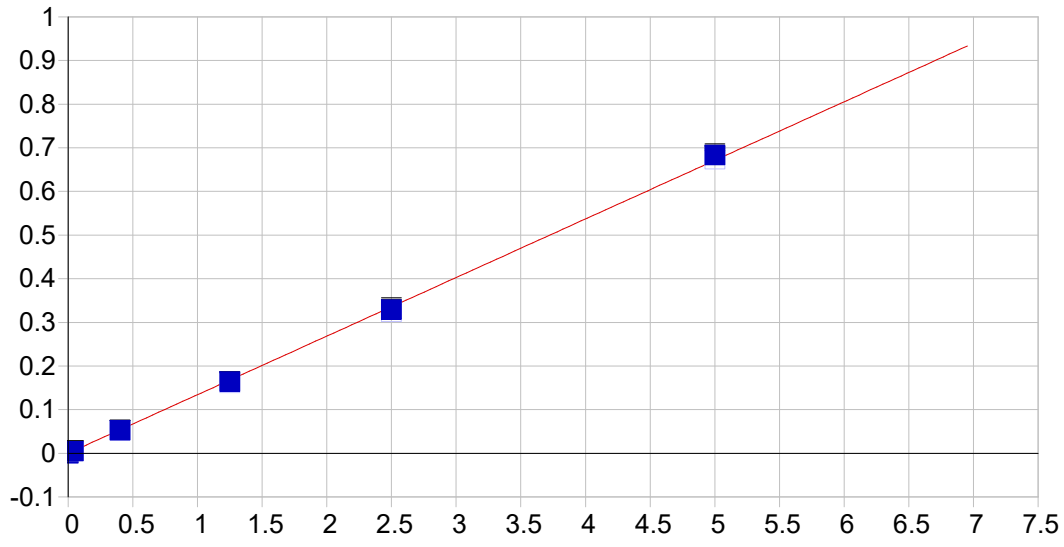
Na 589.592 { 57}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003495	Re-Slope:	1.000000
A1 (Gain):	0.011304	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998662	Status:	OK.
Std Error of Est:	0.000310		
Predicted MDL:	0.019203		
Predicted MQL:	0.064010		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00052	.001	.000	.00350	.000	1
S2	4.0000	3.6058	-.394	-9.85	.04426	.000	1
S3	12.500	12.115	-.385	-3.08	.14045	.001	1
S4	25.000	23.746	-1.25	-5.02	.27192	.002	1
S5	50.000	52.287	2.29	4.57	.59457	.003	1
S1	2.0000	1.7462	-.254	-12.7	.02323	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



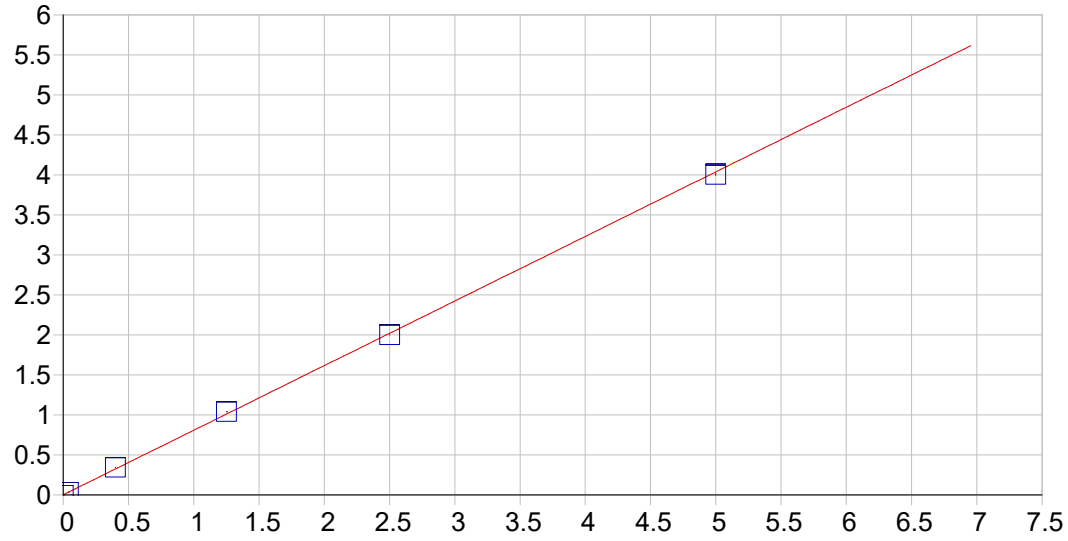
V 292.402 {115}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000024	Re-Slope:	1.000000
A1 (Gain):	0.134238	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999799	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.001667		
Predicted MQL:	0.005556		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.04000	.03880	-.001	-3.00	.00503	.000	1
S3	1.2500	1.2193	-.031	-2.45	.16126	.001	1
S4	2.5000	2.4484	-.052	-2.06	.32380	.005	1
S5	5.0000	5.0902	.090	1.80	.67353	.003	1
S2	.40000	.39330	-.007	-1.68	.05204	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



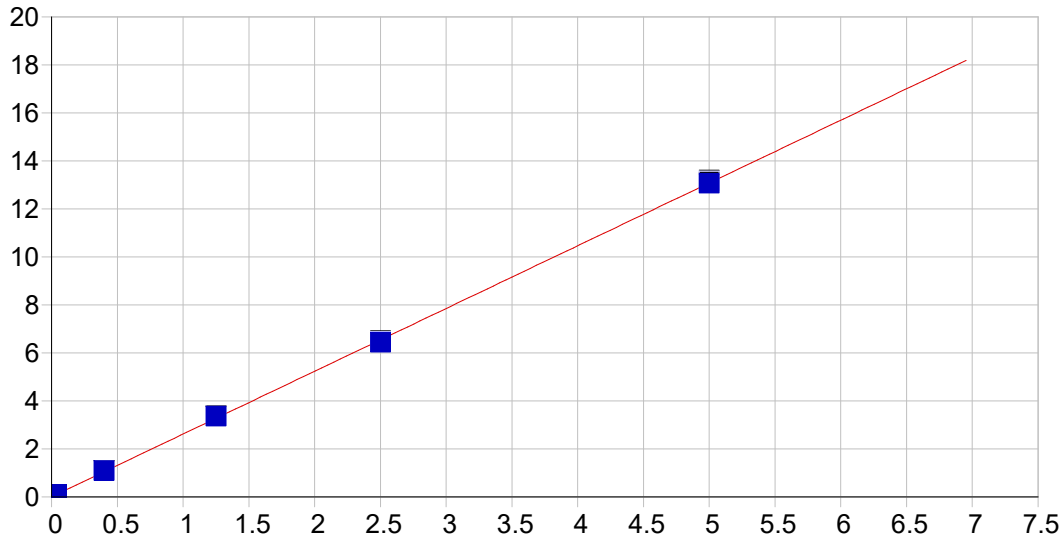
Zn 206.200 {464}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001187	Re-Slope:	1.000000
A1 (Gain):	0.807433	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000350		
Predicted MDL:	0.000235		
Predicted MQL:	0.000784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00118	.000	1
S1	.04000	.04309	.003	7.72	.03598	.000	1
S3	1.2500	1.2863	.036	2.91	1.0398	.001	1
S4	2.5000	2.4778	-.022	-.889	2.0018	.002	1
S5	5.0000	4.9598	-.040	-.804	4.0059	.009	1
S2	.40000	.42299	.023	5.75	.34272	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



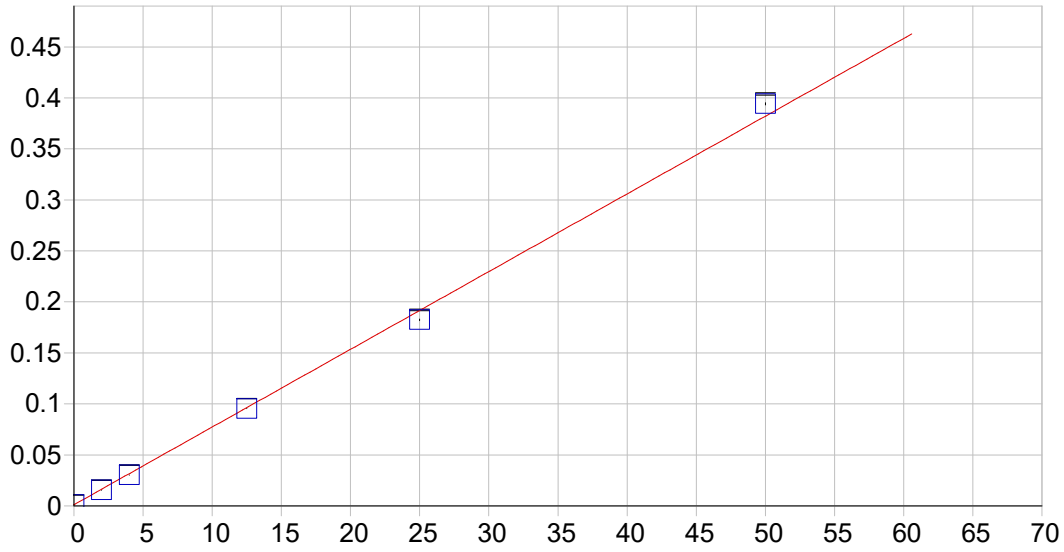
Zn 213.856 {158}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005252	Re-Slope:	1.000000
A1 (Gain):	2.615217	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.000941		
Predicted MDL:	0.000346		
Predicted MQL:	0.001153		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00524	.001	1
S1	.04000	.04243	.002	6.07	.11695	.001	1
S3	1.2500	1.2811	.031	2.48	3.3782	.007	1
S4	2.5000	2.4584	-.042	-1.66	6.4799	.028	1
S5	5.0000	4.9934	-.007	-.132	13.155	.040	1
S2	.40000	.41471	.015	3.68	1.0971	.002	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



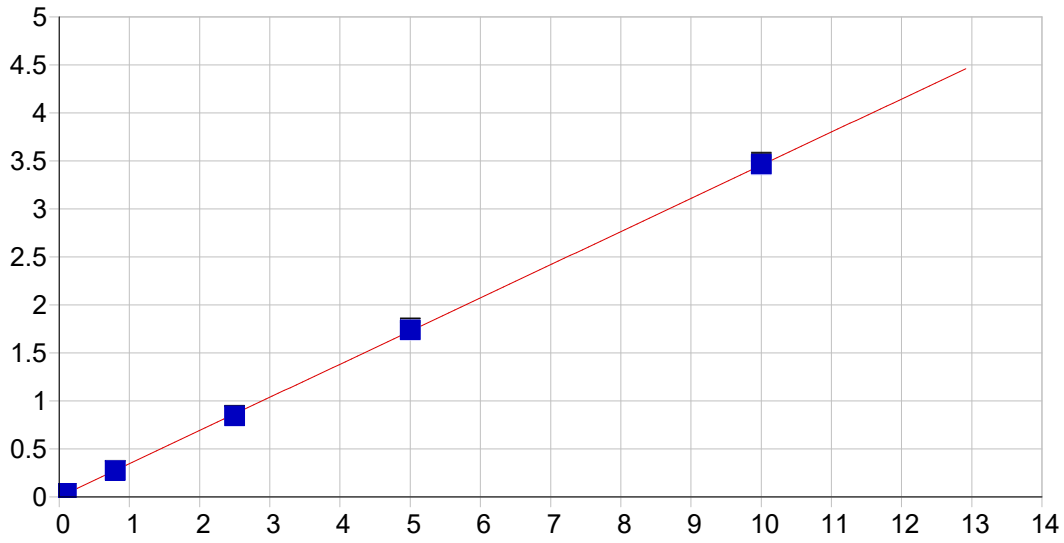
K 766.490 { 44}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001144	Re-Slope:	1.000000
A1 (Gain):	0.007618	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999343	Status:	OK.
Std Error of Est:	0.000146		
Predicted MDL:	0.030575		
Predicted MQL:	0.101916		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	.00115	.000	1
S2	4.0000	3.8282	-.172	-4.30	.03031	.000	1
S3	12.500	12.376	-.124	-.989	.09543	.000	1
S4	25.000	23.799	-1.20	-4.81	.18245	.001	1
S5	50.000	51.601	1.60	3.20	.39425	.001	1
S1	2.0000	1.8962	-.104	-5.19	.01559	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



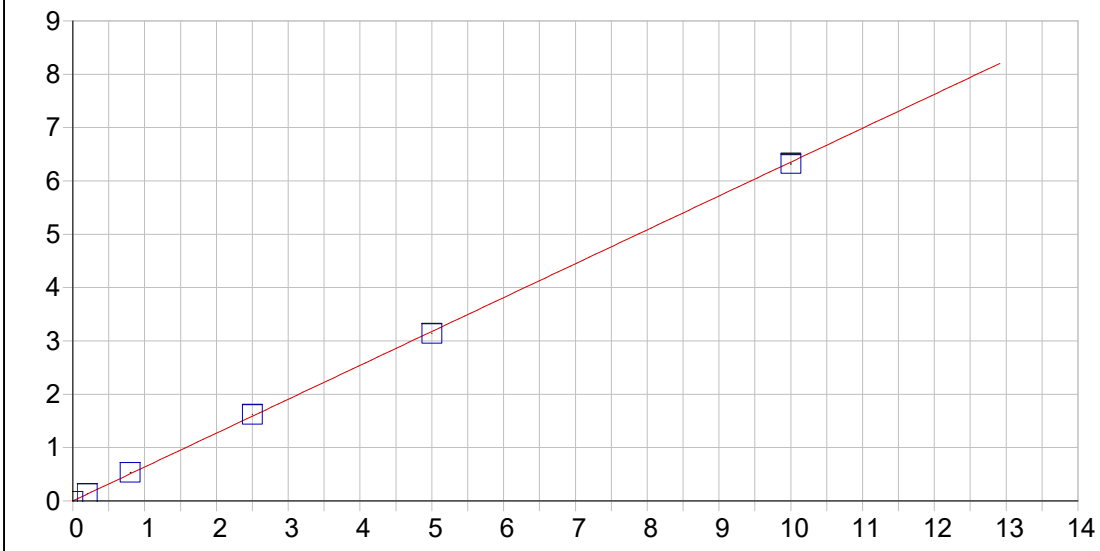
B 249.678 {135}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001017	Re-Slope:	1.000000
A1 (Gain):	0.345328	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.000727		
Predicted MQL:	0.002423		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00102	.000	1
S1	.10000	.10316	.003	3.16	.03646	.000	1
S3	2.5000	2.4384	-.062	-2.47	.84050	.006	1
S4	5.0000	5.0332	.033	.664	1.7340	.020	1
S5	10.000	10.036	.036	.363	3.4566	.019	1
S2	.80000	.78898	-.011	-1.38	.27266	.002	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



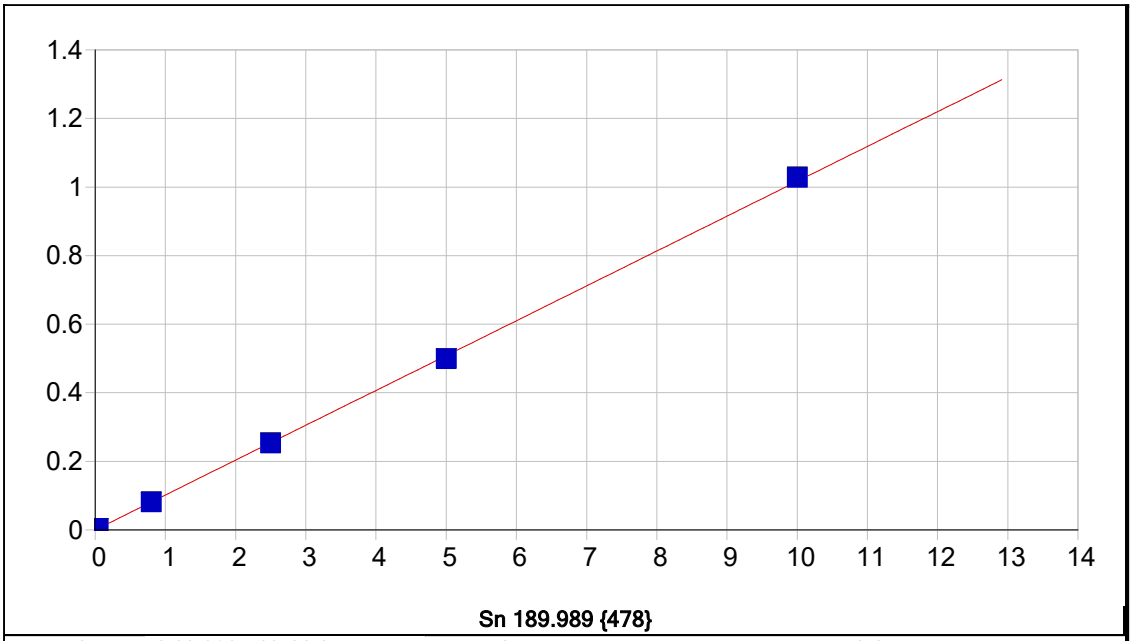
Mo 202.030 {467}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000290	Re-Slope:	1.000000
A1 (Gain):	0.635249	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000772		
Predicted MDL:	0.000312		
Predicted MQL:	0.001040		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00027	.000	1
S1	.20000	.21362	.014	6.81	.13599	.000	1
S3	2.5000	2.5503	.050	2.01	1.6204	.003	1
S4	5.0000	4.9438	-.056	-1.12	3.1408	.004	1
S5	10.000	9.9511	-.049	-.489	6.3217	.015	1
S2	.80000	.84114	.041	5.14	.53462	.001	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



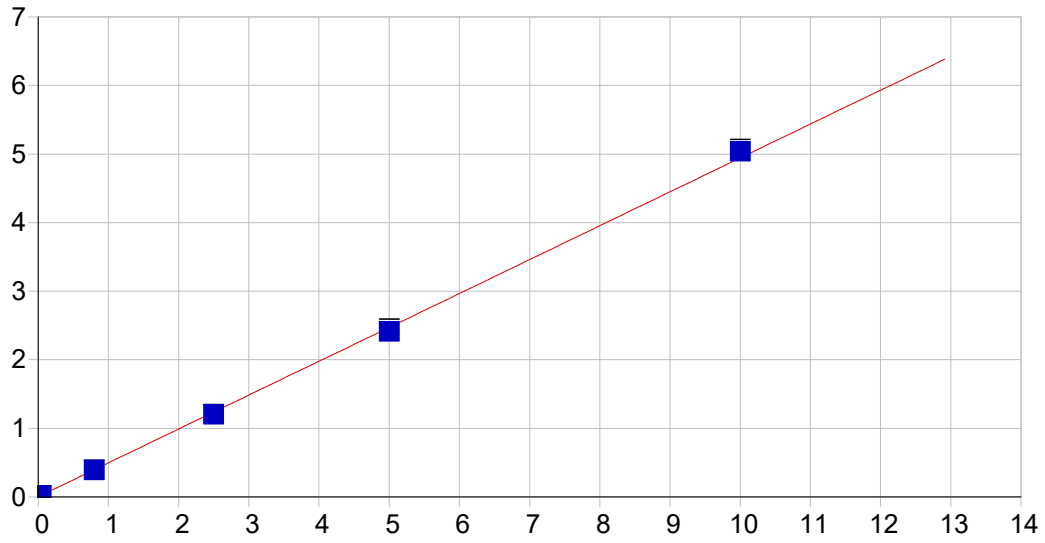
Sn 189.989 {478}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000153	Re-Slope:	1.000000
A1 (Gain):	0.101650	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.000933		
Predicted MQL:	0.003111		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.04000	.04009	.000	.227	.00422	.000	1
S3	2.5000	2.4875	-.013	-.501	.25274	.001	1
S4	5.0000	4.9110	-.089	-1.78	.49884	.000	1
S5	10.000	10.105	.105	1.05	1.0263	.002	1
S2	.80000	.79630	-.004	-.462	.08101	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



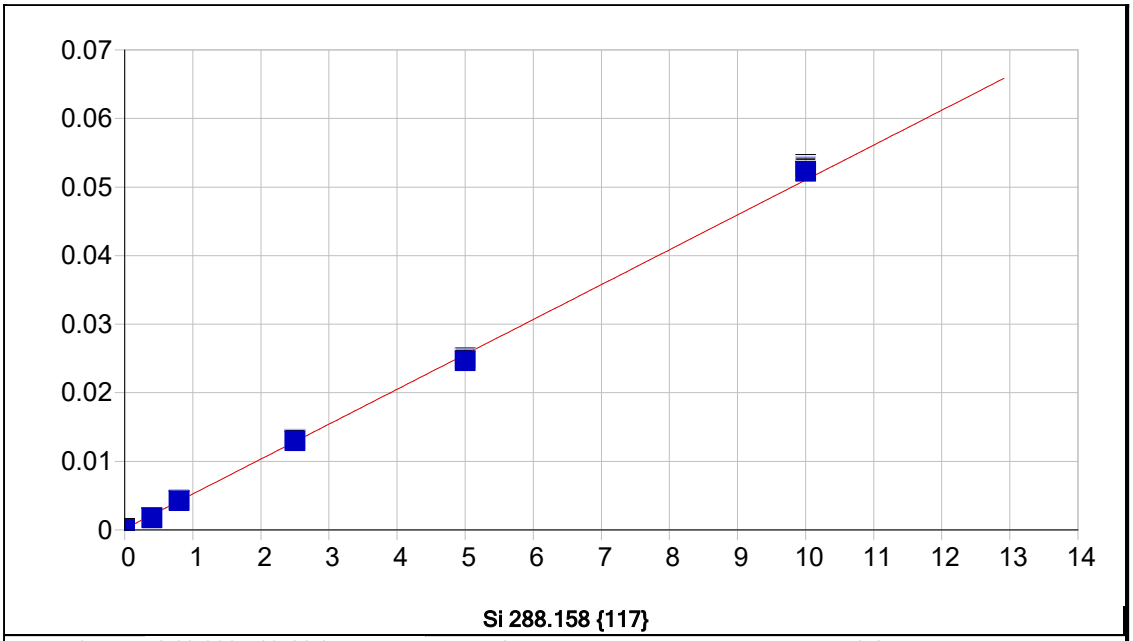
Ti 336.121 {100}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001989	Re-Slope:	1.000000
A1 (Gain):	0.494110	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000359		
Predicted MDL:	0.000708		
Predicted MQL:	0.002361		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00199	.000	1
S1	.04000	.03971	-.000	-.733	.02159	.000	1
S3	2.5000	2.4325	-.067	-2.70	1.2035	.002	1
S4	5.0000	4.8821	-.118	-2.36	2.4134	.036	1
S5	10.000	10.199	.199	1.99	5.0398	.030	1
S2	.80000	.78631	-.014	-1.71	.39037	.002	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



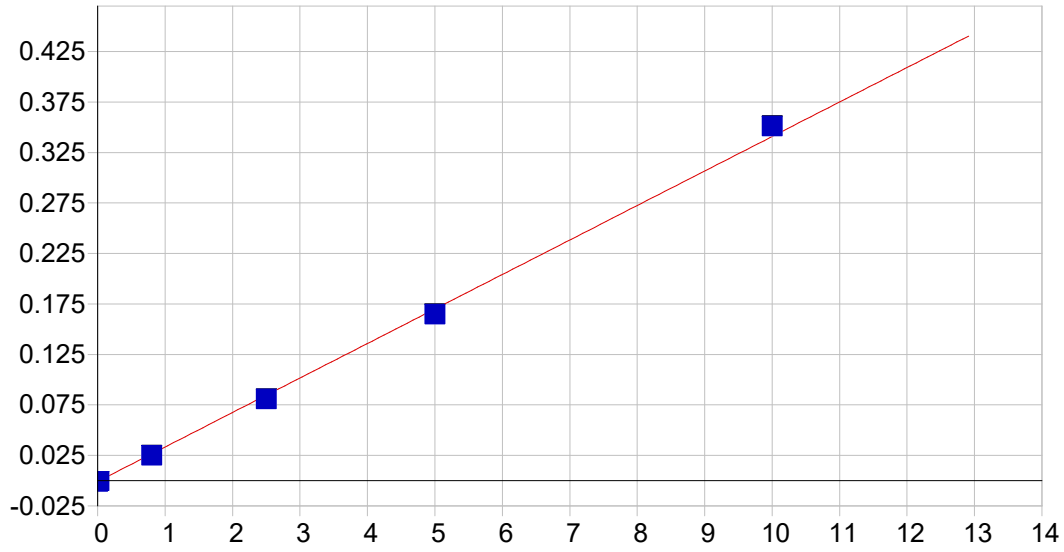
Si 288.158 {117}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000153	Re-Slope:	1.000000
A1 (Gain):	0.005087	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999174	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.008320		
Predicted MQL:	0.027733		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00015	.000	1
S1	.40000	.31303	-.087	-21.7	.00175	.000	1
S3	2.5000	2.5242	.024	.968	.01319	.000	1
S4	5.0000	4.8165	-.184	-3.67	.02504	.000	1
S5	10.000	10.243	.243	2.43	.05303	.000	1
S2	.80000	.80193	.002	.241	.00429	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



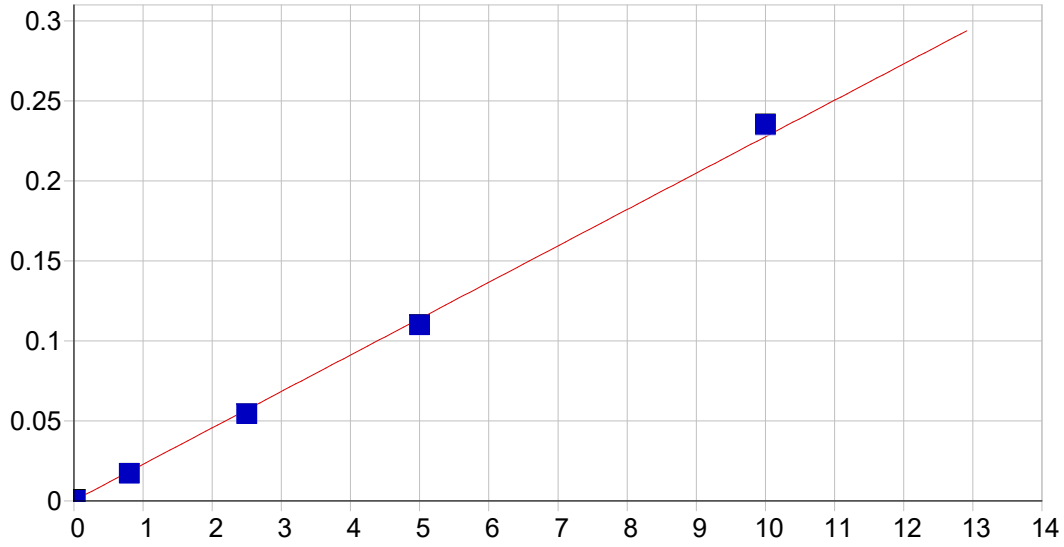
P 177.495 {490}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000824	Re-Slope:	1.000000
A1 (Gain):	0.034166	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999450	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002990		
Predicted MQL:	0.009966		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.02000	.01835	-.002	-8.25	-.00020	.000	1
S3	2.5000	2.3939	-.106	-4.24	.08095	.000	1
S4	5.0000	4.8522	-.148	-2.96	.16493	.000	1
S5	10.000	10.298	.298	2.98	.35097	.000	1
S2	.80000	.75731	-.043	-5.34	.02505	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



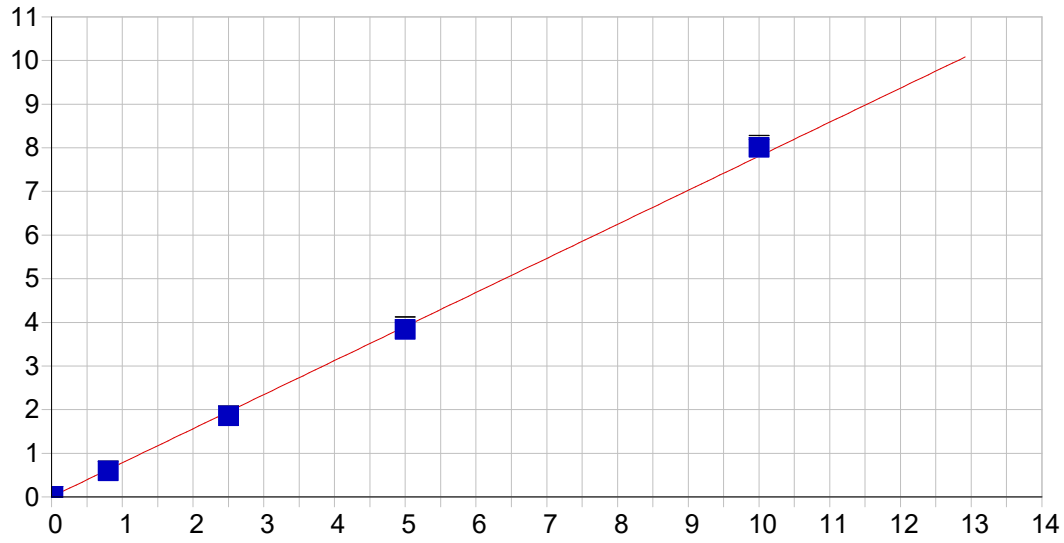
S 182.034 {485}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.022743	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999294	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.003951		
Predicted MQL:	0.013171		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.02000	.01990	-.000	-.511	.00061	.000	1
S3	2.5000	2.3876	-.112	-4.50	.05433	.000	1
S4	5.0000	4.8291	-.171	-3.42	.10971	.000	1
S5	10.000	10.337	.337	3.37	.23468	.000	1
S2	.80000	.74677	-.053	-6.65	.01712	.000	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



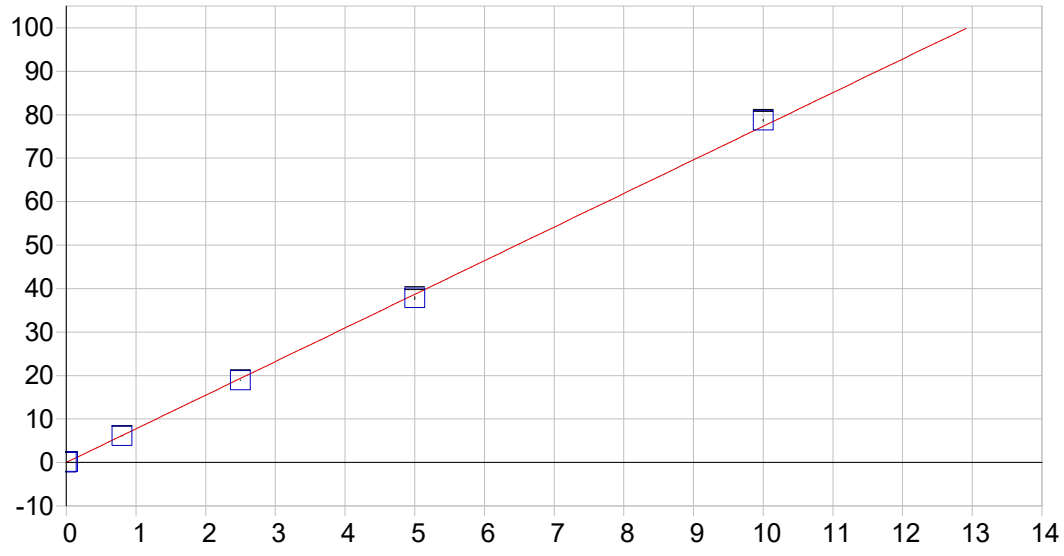
Li 670.784 { 50}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001484	Re-Slope:	1.000000
A1 (Gain):	0.780551	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999539	Status:	OK.
Std Error of Est:	0.000556		
Predicted MDL:	0.001232		
Predicted MQL:	0.004106		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00149	.001	1
S5	10.000	10.257	.257	2.57	8.0114	.046	1
S4	5.0000	4.9127	-.087	-1.75	3.8380	.061	1
S3	2.5000	2.3772	-.123	-4.91	1.8580	.002	1
S1	.02000	.01756	-.002	-12.2	.01544	.001	1
S2	.80000	.75574	-.044	-5.53	.59169	.003	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



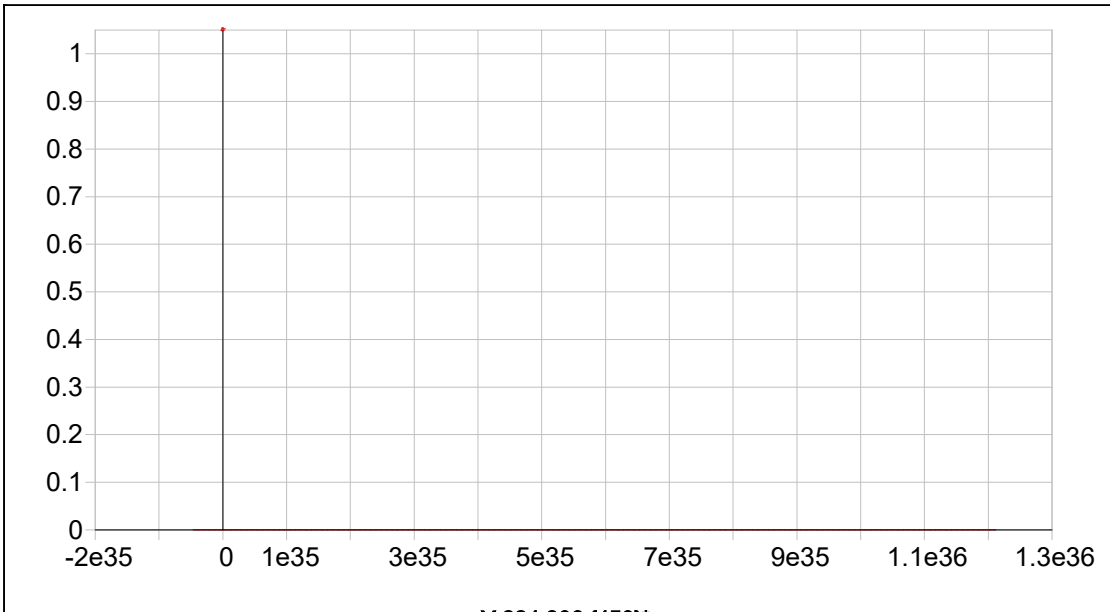
Sr 407.771 { 83}

Date of Fit:	4/16/2025 18:44:15	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000342	Re-Slope:	1.000000
A1 (Gain):	7.734789	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999817	Status:	OK.
Std Error of Est:	0.003471		
Predicted MDL:	0.000080		
Predicted MQL:	0.000266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.001	1
S1	.02000	.01977	-.000	-1.17	.15323	.000	1
S3	2.5000	2.4443	-.056	-2.23	18.907	.074	1
S4	5.0000	4.8906	-.109	-2.19	37.828	.305	1
S5	10.000	10.173	.173	1.73	78.689	.226	1
S2	.80000	.79206	-.008	-.993	6.1267	.022	1

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463

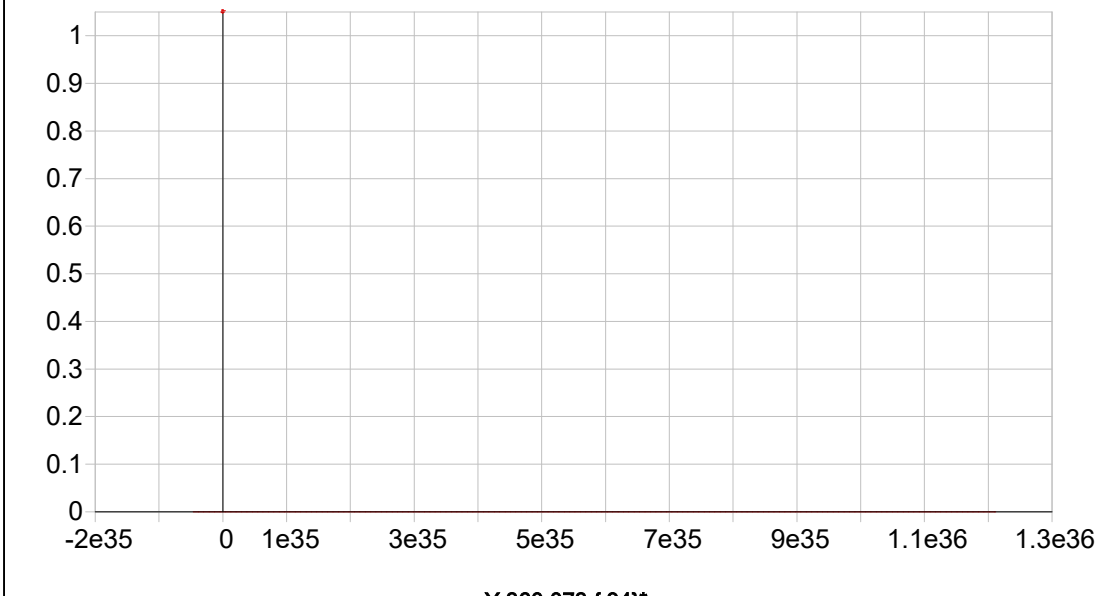


Y 224.306 {450}*

Date of Fit:	4/16/2025 18:44:15	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}*

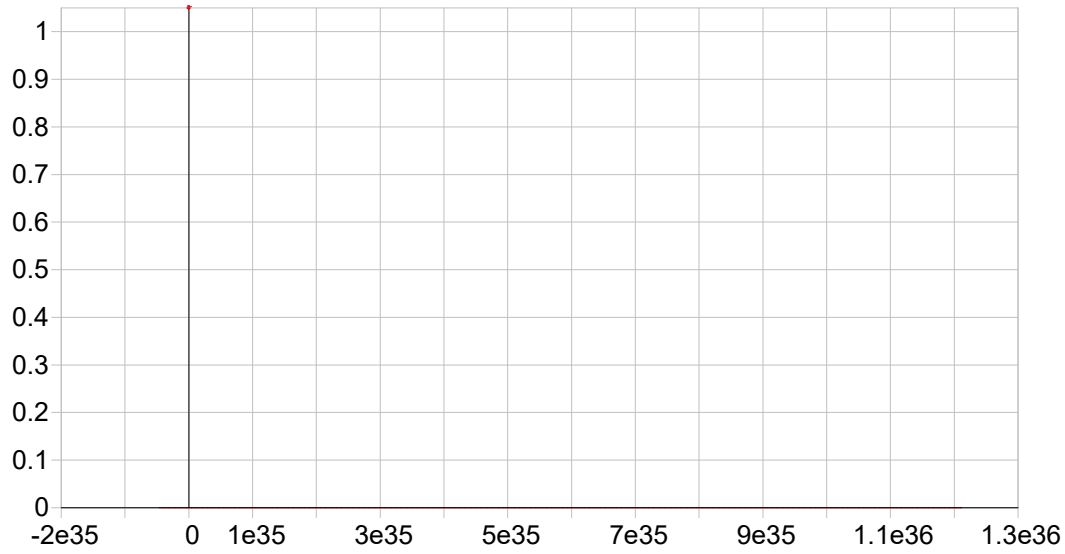
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463

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

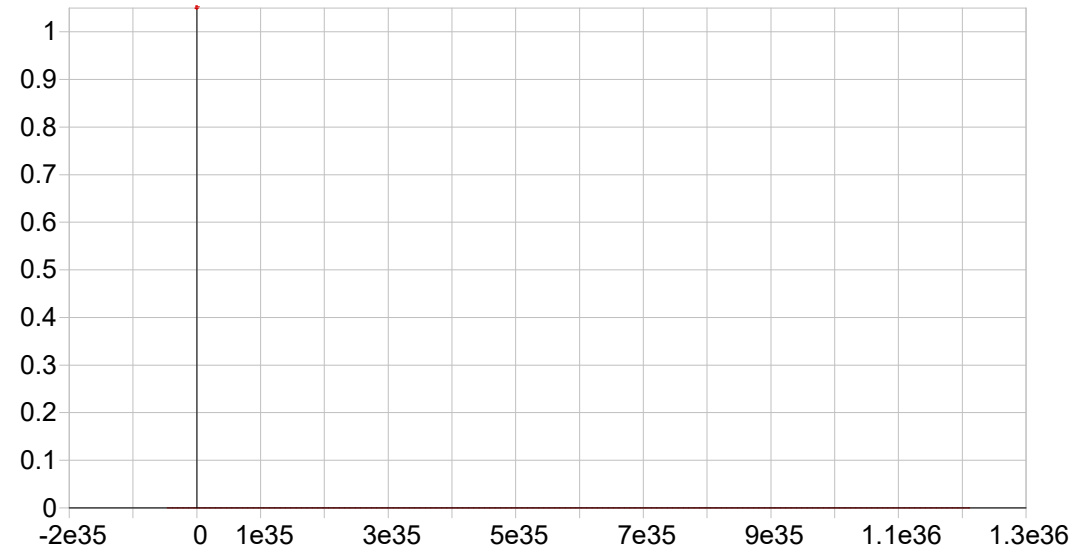


Y 371.030 { 91}*

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

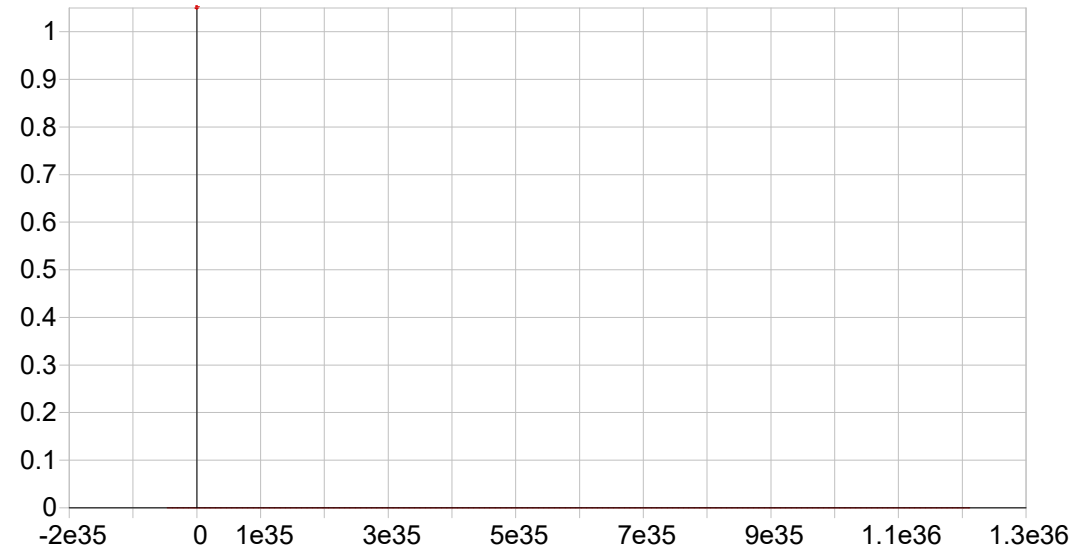
Reviewed By:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463



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:Janvi
On:4/18/2025 12:06:47 PM
Inst Id :P4
LB :LB135463

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**