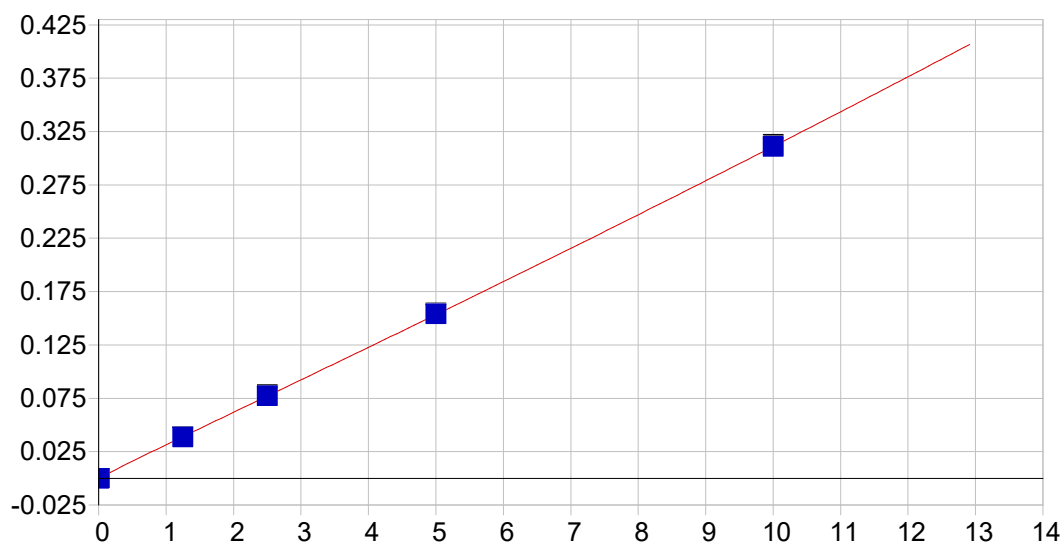


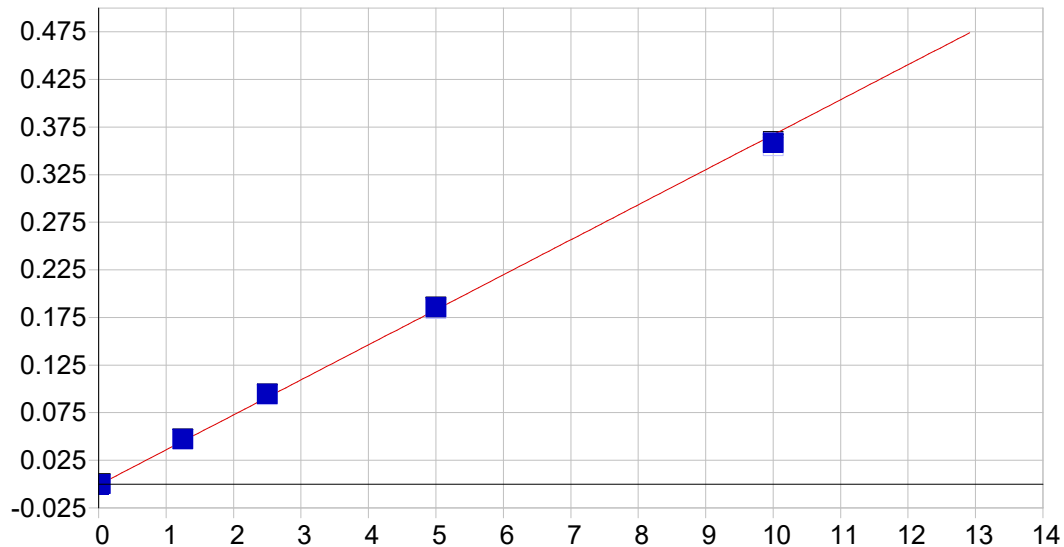


As 189.042 {479}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000213	Re-Slope:	1.000000
A1 (Gain):	0.031332	Y-int:	0.000000
A2 (Curvature):	0.000307		
n (Exponent):	0.960000		
Correlation:	0.999984	Status:	Warning Positive Curvature
Std Error of Est:	0.000004		
Predicted MDL:	0.007511		
Predicted MQL:	0.025037		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.01167	.002	16.7	.00022	.000	1
S2	1.2500	1.2361	-.014	-1.11	.03875	.000	1
S3	2.5000	2.5028	.003	.111	.07737	.001	1
S4	5.0000	5.0164	.016	.329	.15433	.001	1
S5	10.000	9.9929	-.007	-.071	.31163	.001	1

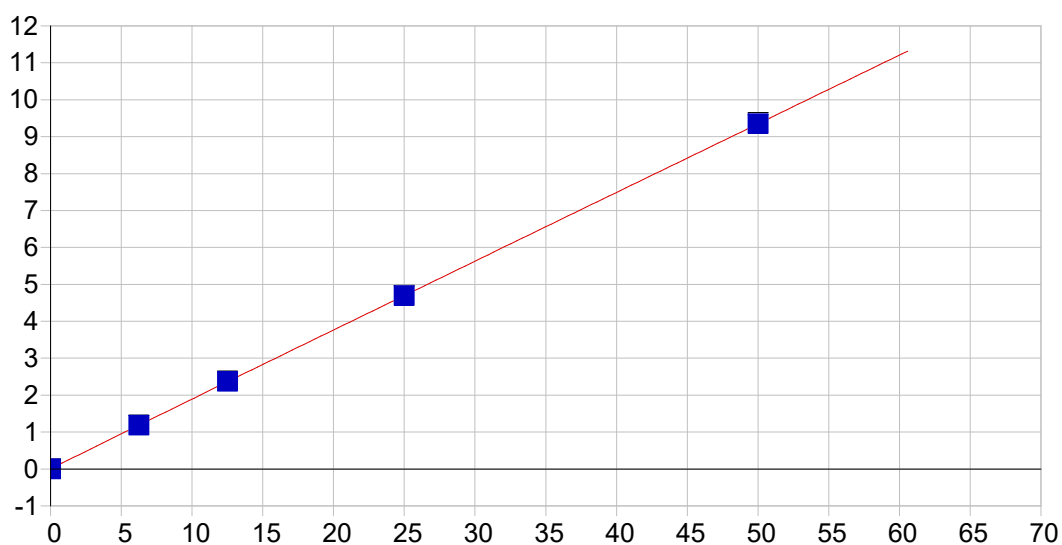


TI 190.856 {477}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000865 Re-Slope: 1.000000
 A1 (Gain): 0.036780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999646 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.006007
 Predicted MQL: 0.020023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00086	.000	1
S1	.02500	.02854	.004	14.2	.00014	.000	1
S2	1.2500	1.3079	.058	4.63	.04682	.000	1
S3	2.5000	2.5935	.094	3.74	.09369	.000	1
S4	5.0000	5.0746	.075	1.49	.18411	.000	1
S5	10.000	9.7706	-.229	-2.29	.35515	.001	1

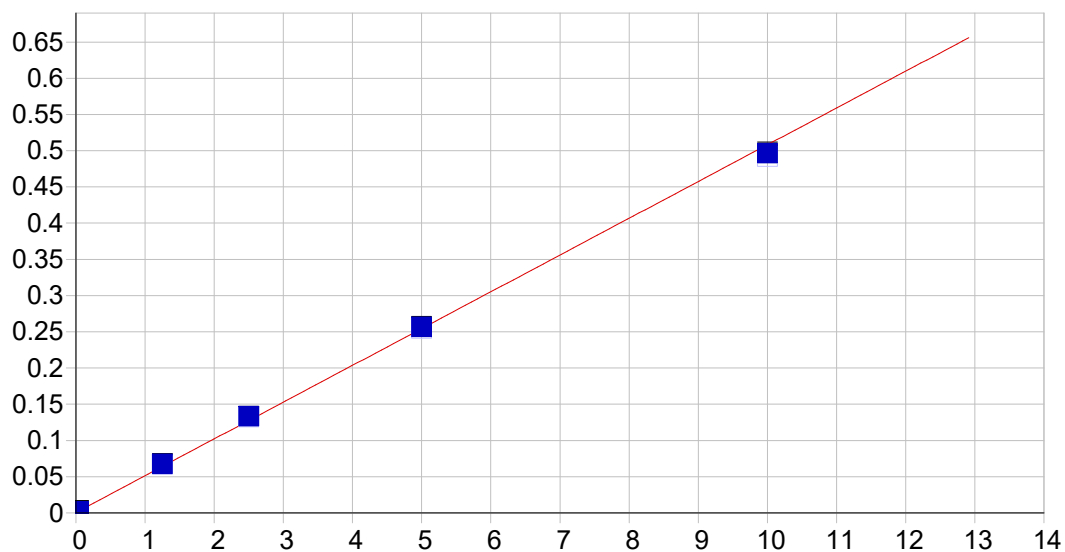


Pb 220.353 {453}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000219	Re-Slope:	1.000000
A1 (Gain):	0.193598	Y-int:	0.000000
A2 (Curvature):	0.000018		
n (Exponent):	0.990000		
Correlation:	0.999995	Status:	Warning Positive Curvature
Std Error of Est:	0.000031		
Predicted MDL:	0.002582		
Predicted MQL:	0.008606		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.01000	.01217	.002	21.7	.00225	.000	1
S2	6.2500	6.2148	-.035	-.563	1.1825	.002	1
S3	12.500	12.545	.045	.359	2.3718	.008	1
S4	25.000	24.990	-.010	-.040	4.6978	.008	1
S5	50.000	49.998	-.002	-.004	9.3548	.024	1

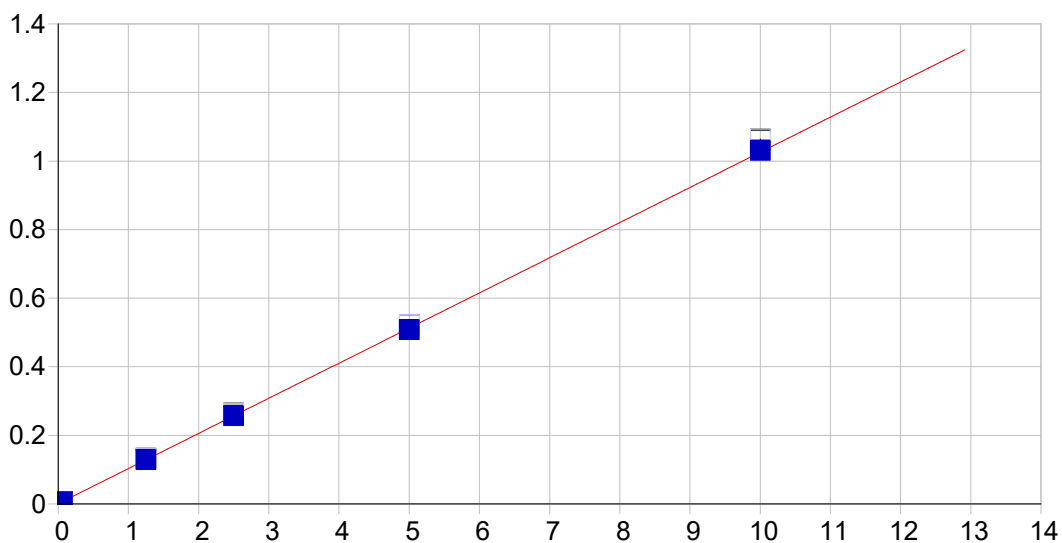


Se 196.090 {472}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000683	Re-Slope:	1.000000
A1 (Gain):	0.050752	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999581	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.005592		
Predicted MQL:	0.018639		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00068	.000	1
S1	.03500	.04195	.007	19.9	.00281	.000	1
S2	1.2500	1.3153	.065	5.22	.06684	.001	1
S3	2.5000	2.6122	.112	4.49	.13207	.000	1
S4	5.0000	5.0445	.044	.889	.25433	.001	1
S5	10.000	9.7710	-.229	-2.29	.49184	.001	1

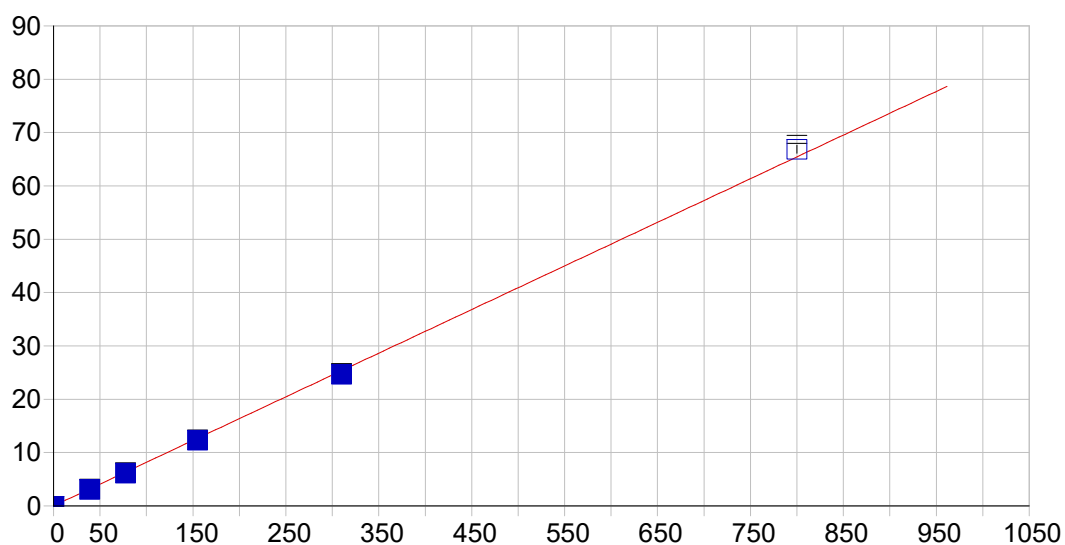


Sb 206.833 {463}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000523	Re-Slope:	1.000000
A1 (Gain):	0.102501	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.003104		
Predicted MQL:	0.010347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.06000	.06244	.002	4.07	.00692	.000	1
S2	1.2500	1.2542	.004	.340	.13300	.000	1
S3	2.5000	2.4966	-.003	-.136	.26425	.001	1
S4	5.0000	4.9474	-.053	-1.05	.52328	.001	1
S5	10.000	10.049	.049	.493	1.0619	.002	1

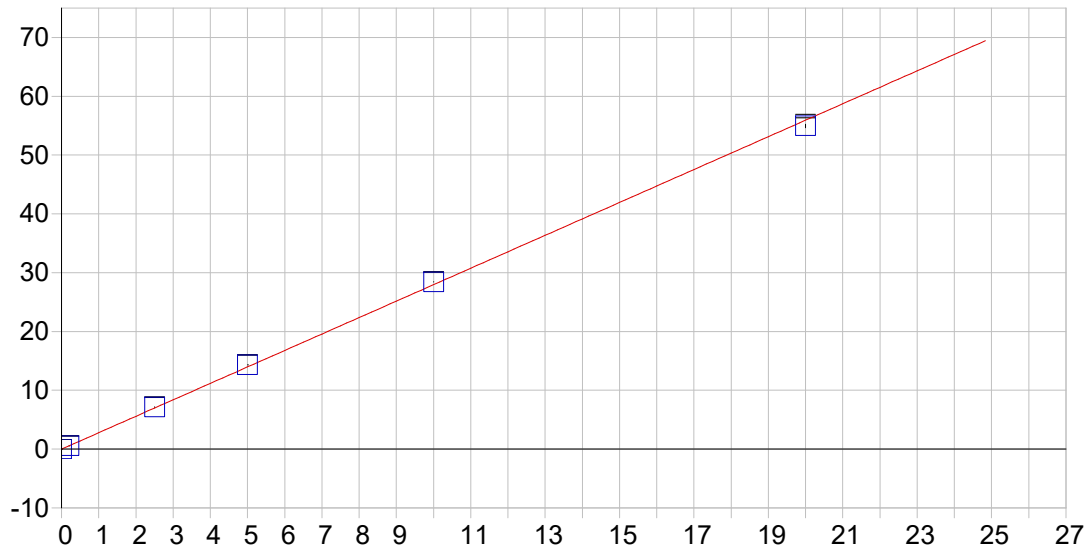


AI 396.152 { 85}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002286	Re-Slope:	1.000000
A1 (Gain):	0.081804	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999680	Status:	OK.
Std Error of Est:	0.001288		
Predicted MDL:	0.010575		
Predicted MQL:	0.035249		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00229	.000	1
S1	.20000	.20418	.004	2.09	.01902	.001	1
S2	38.750	37.642	-1.11	-2.86	3.0849	.011	1
S3	77.500	75.047	-2.45	-3.17	6.1481	.018	1
S4	155.00	150.09	-4.91	-3.17	12.293	.049	1
S5	310.00	301.23	-8.77	-2.83	24.670	.117	1
S6	800.00	817.26	17.3	2.16	66.857	.735	1

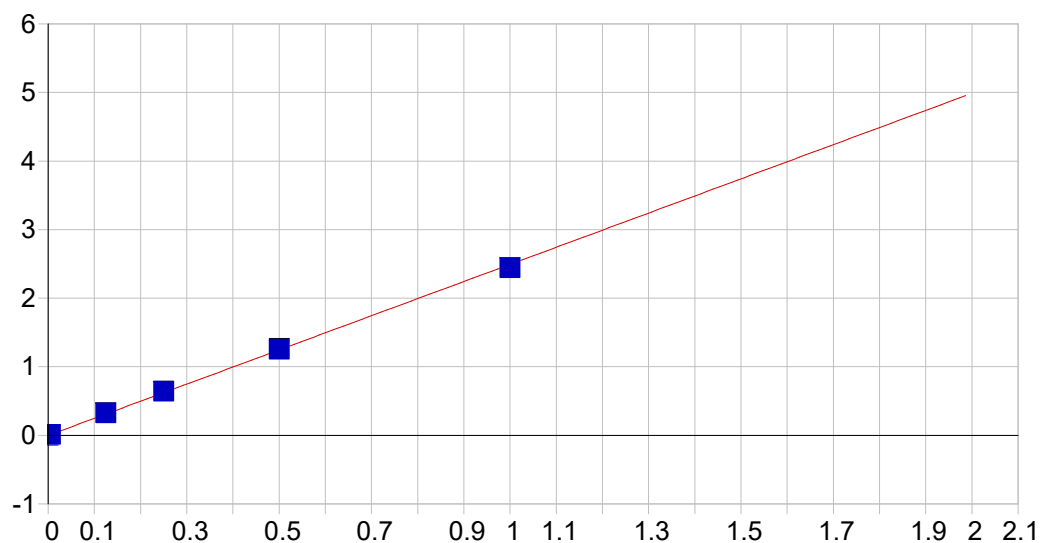


Ba 493.409 { 68}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.010462	Re-Slope:	1.000000
A1 (Gain):	2.797091	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999826	Status:	OK.
Std Error of Est:	0.005547		
Predicted MDL:	0.000860		
Predicted MQL:	0.002866		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01050	.002	1
S1	.20000	.20457	.005	2.28	.56174	.003	1
S2	2.5000	2.5530	.053	2.12	7.1306	.052	1
S3	5.0000	5.1227	.123	2.45	14.318	.005	1
S4	10.000	10.168	.168	1.68	28.430	.032	1
S5	20.000	19.652	-.348	-1.74	54.957	.307	1

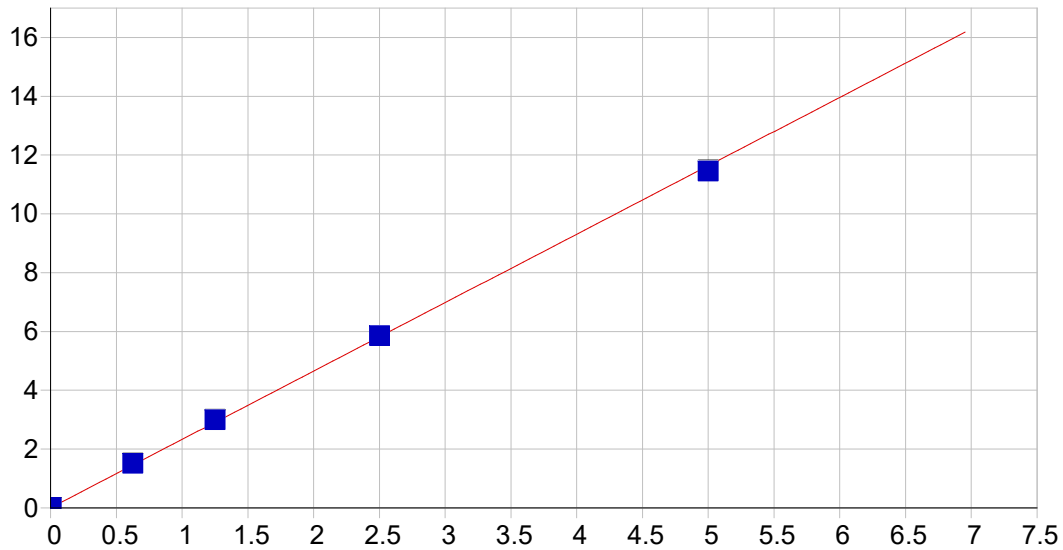


Be 234.861 {144}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001881	Re-Slope:	1.000000
A1 (Gain):	2.494911	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999704	Status:	OK.
Std Error of Est:	0.000227		
Predicted MDL:	0.000125		
Predicted MQL:	0.000415		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00188	.000	1
S1	.00500	.00545	.000	9.05	.01172	.000	1
S2	.12500	.13207	.007	5.65	.32681	.003	1
S3	.25000	.25802	.008	3.21	.64024	.002	1
S4	.50000	.50394	.004	.788	1.2522	.010	1
S5	1.0000	.98052	-.019	-1.95	2.4380	.005	1

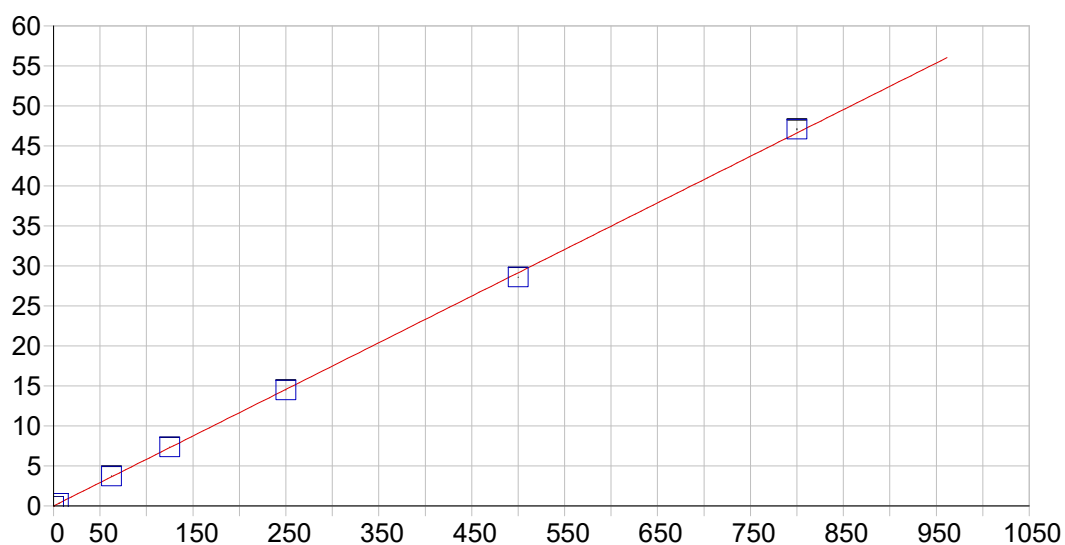


Cd 214.438 {457}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000307 Re-Slope: 1.000000
 A1 (Gain): 2.327146 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.000149
 Predicted MQL: 0.000497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.00500	.00543	.000	8.61	.01295	.000	1
S2	.62500	.65097	.026	4.15	1.5181	.002	1
S3	1.2500	1.2880	.038	3.04	3.0033	.009	1
S4	2.5000	2.5143	.014	.571	5.8629	.002	1
S5	5.0000	4.9214	-.079	-1.57	11.476	.015	1

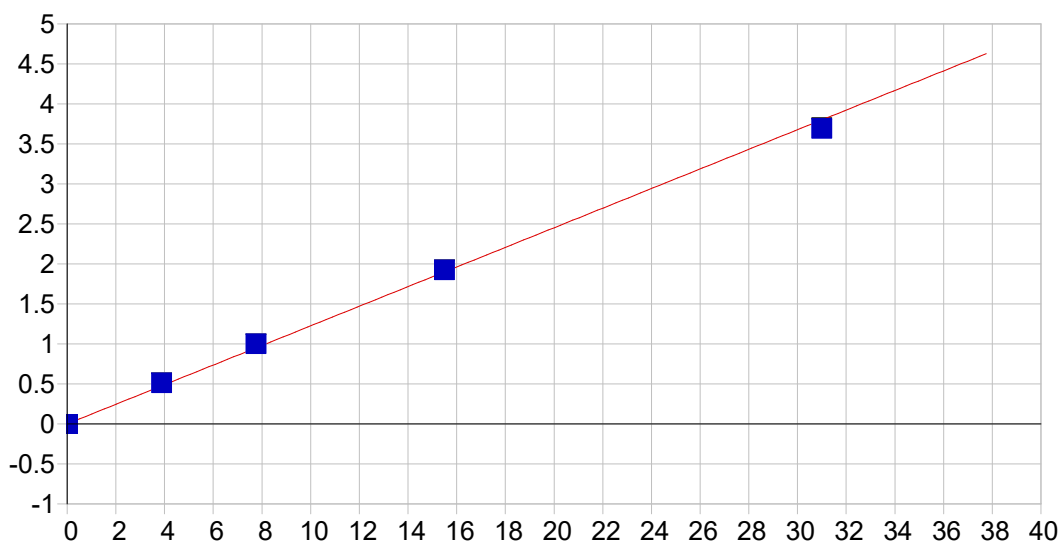


Ca 373.690 { 90}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001013 Re-Slope: 1.000000
 A1 (Gain): 0.058272 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.002776
 Predicted MDL: 0.014348
 Predicted MQL: 0.047826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00048	-.000	.000	.00099	.000	1
S1	5.0000	5.3993	.399	7.99	.31564	.001	1
S2	62.500	63.760	1.26	2.02	3.7164	.027	1
S3	125.00	126.13	1.13	.906	7.3510	.013	1
S4	250.00	248.76	-1.24	-.496	14.497	.018	1
S5	500.00	490.65	-9.35	-1.87	28.592	.015	1
S6	800.00	807.80	7.80	.975	47.073	.079	1

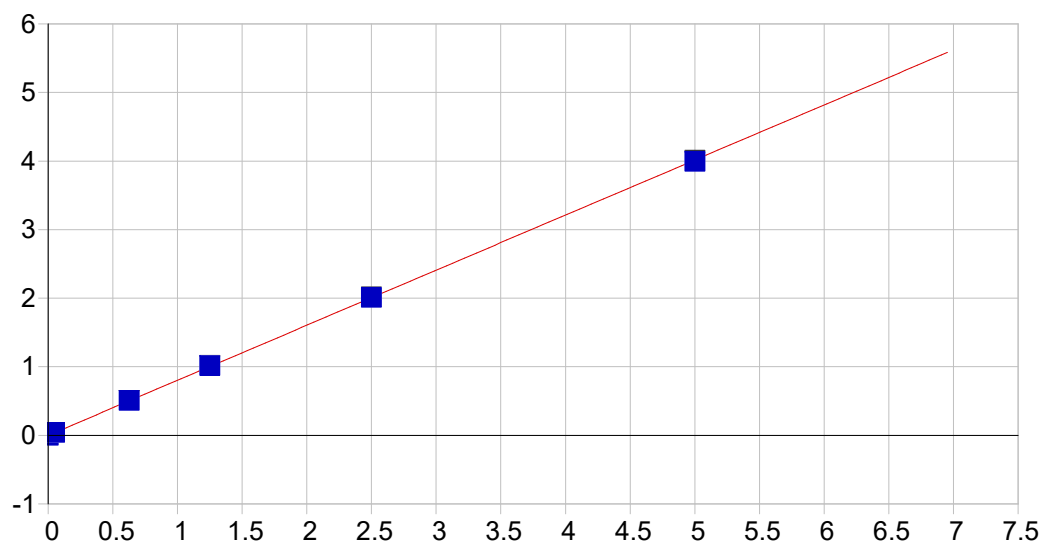


Cr 267.716 {126}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.122584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999390 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000827
 Predicted MQL: 0.002757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01103	.001	10.3	.00133	.000	1
S2	3.8750	4.1787	.304	7.84	.51235	.000	1
S3	7.7500	8.1418	.392	5.05	.99830	.003	1
S4	15.500	15.686	.186	1.20	1.9234	.000	1
S5	31.000	30.118	-.882	-2.85	3.6930	.006	1

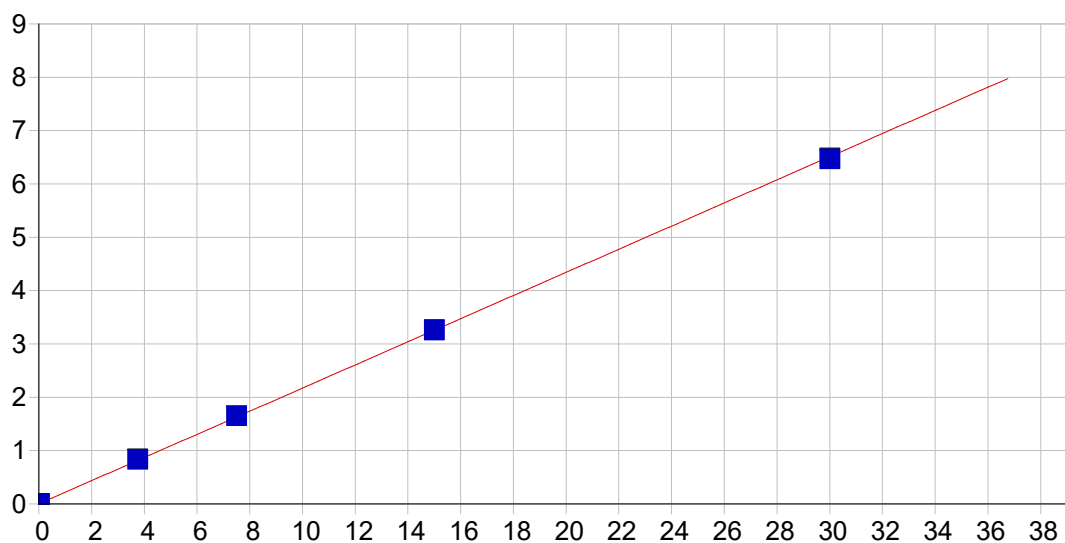


Co 228.616 {448}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.802988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000428
 Predicted MQL: 0.001428

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.05000	.05288	.003	5.76	.04248	.000	1
S2	.62500	.63126	.006	1.00	.50753	.001	1
S3	1.2500	1.2629	.013	1.03	1.0155	.003	1
S4	2.5000	2.5047	.005	.189	2.0142	.001	1
S5	5.0000	4.9733	-.027	-.535	3.9994	.011	1

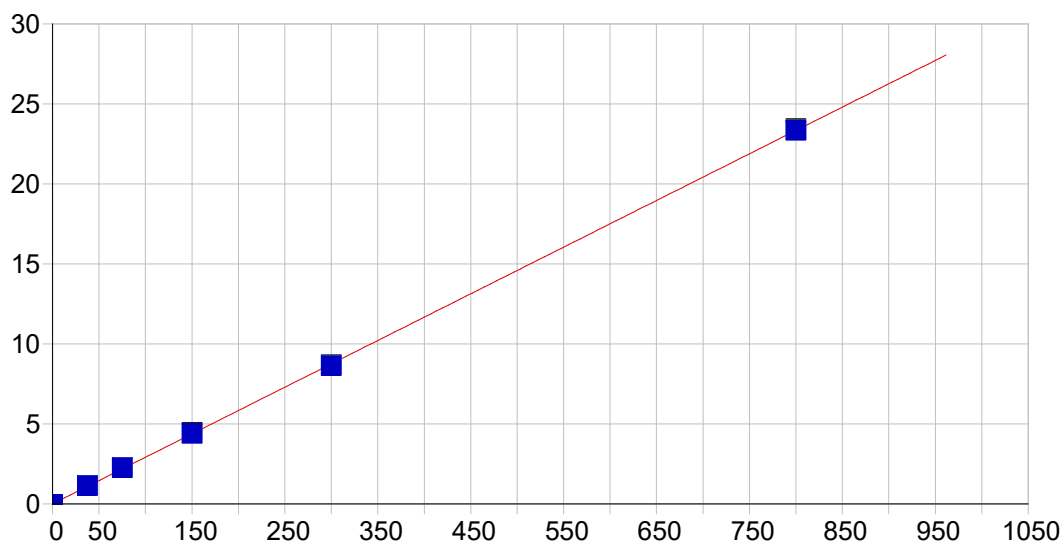


Cu 324.754 {104}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001946	Re-Slope:	1.000000
A1 (Gain):	0.216951	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000086		
Predicted MDL:	0.002528		
Predicted MQL:	0.008426		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00195	.000	1
S1	.02500	.02593	.001	3.72	.00756	.000	1
S2	3.7500	3.8264	.076	2.04	.83099	.007	1
S3	7.5000	7.6007	.101	1.34	1.6487	.002	1
S4	15.000	15.014	.014	.092	3.2548	.005	1
S5	30.000	29.808	-.192	-.639	6.4601	.015	1

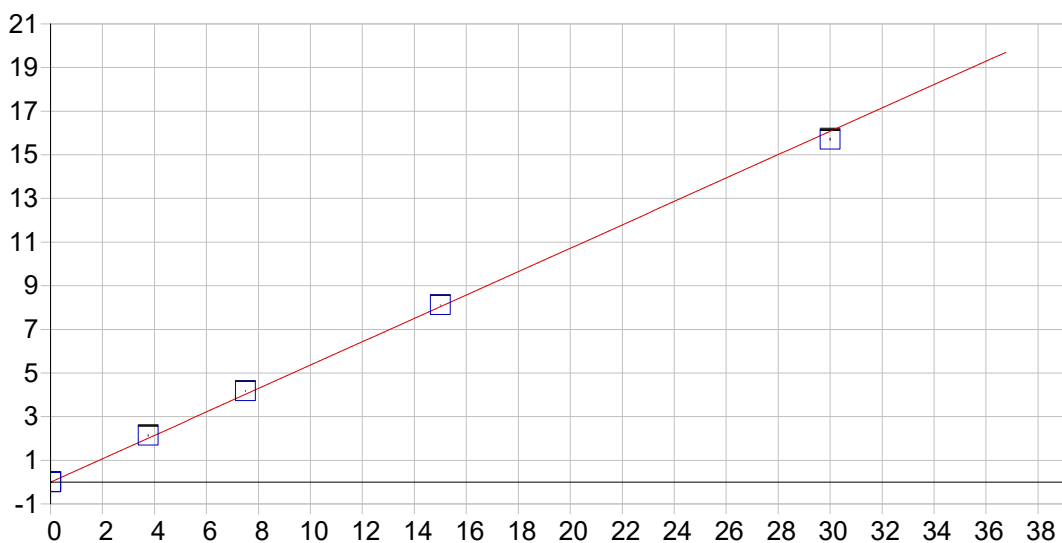


Fe 259.837 {130}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000445 Re-Slope: 1.000000
 A1 (Gain): 0.029176 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.009259
 Predicted MQL: 0.030863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00045	.000	1
S1	.10000	.10103	.001	1.03	.00340	.000	1
S2	37.500	38.915	1.41	3.77	1.1371	.005	1
S3	75.000	77.157	2.16	2.88	2.2541	.015	1
S4	150.00	150.56	.561	.374	4.3983	.038	1
S5	300.00	296.10	-3.90	-1.30	8.6496	.040	1
S6	800.00	799.77	-.231	-.029	23.350	.087	1

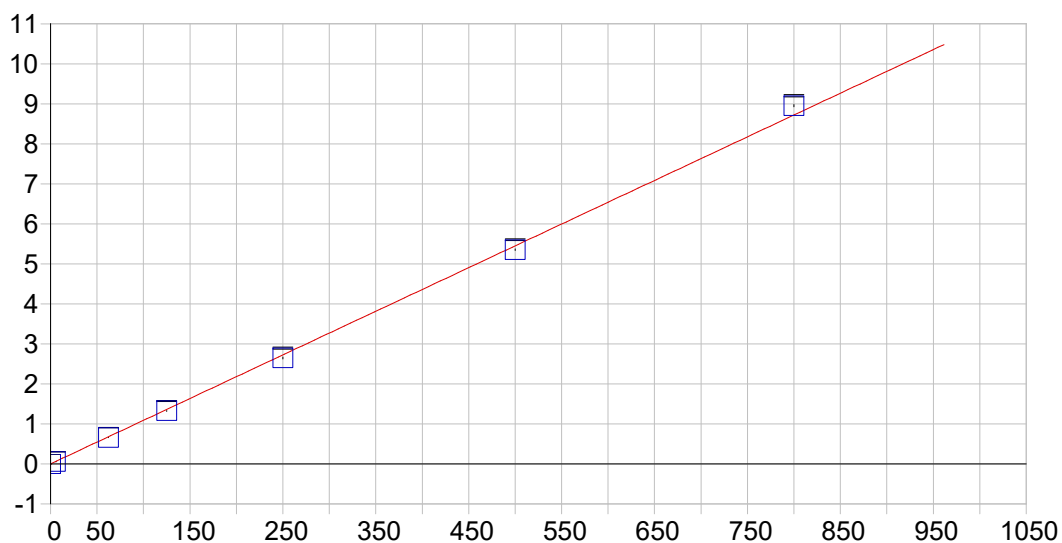


Mn 257.610 {131}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.535969	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999608	Status:	OK.
Std Error of Est:	0.000534		
Predicted MDL:	0.000524		
Predicted MQL:	0.001746		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01500	.01708	.002	13.9	.00934	.000	1
S2	3.7500	3.9857	.236	6.29	2.1364	.026	1
S3	7.5000	7.7978	.298	3.97	4.1796	.014	1
S4	15.000	15.150	.150	.998	8.1200	.010	1
S5	30.000	29.315	-.685	-2.28	15.712	.045	1

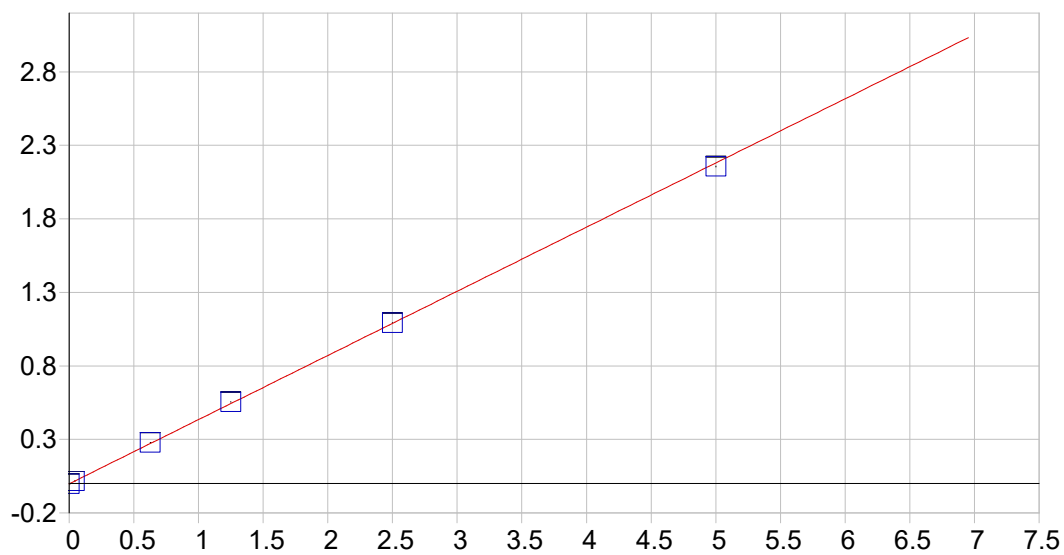


Mg 279.079 {121}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000253 Re-Slope: 1.000000
 A1 (Gain): 0.010905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999688 Status: OK.
 Std Error of Est: 0.000950
 Predicted MDL: 0.029384
 Predicted MQL: 0.097947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00025	.000	1
S1	5.0000	4.9333	-.067	-1.33	.05354	.000	1
S2	62.500	60.541	-1.96	-3.14	.65994	.002	1
S3	125.00	121.48	-3.52	-2.82	1.3245	.012	1
S4	250.00	242.92	-7.08	-2.83	2.6488	.023	1
S5	500.00	491.25	-8.75	-1.75	5.3568	.019	1
S6	800.00	821.38	21.4	2.67	8.9568	.029	1

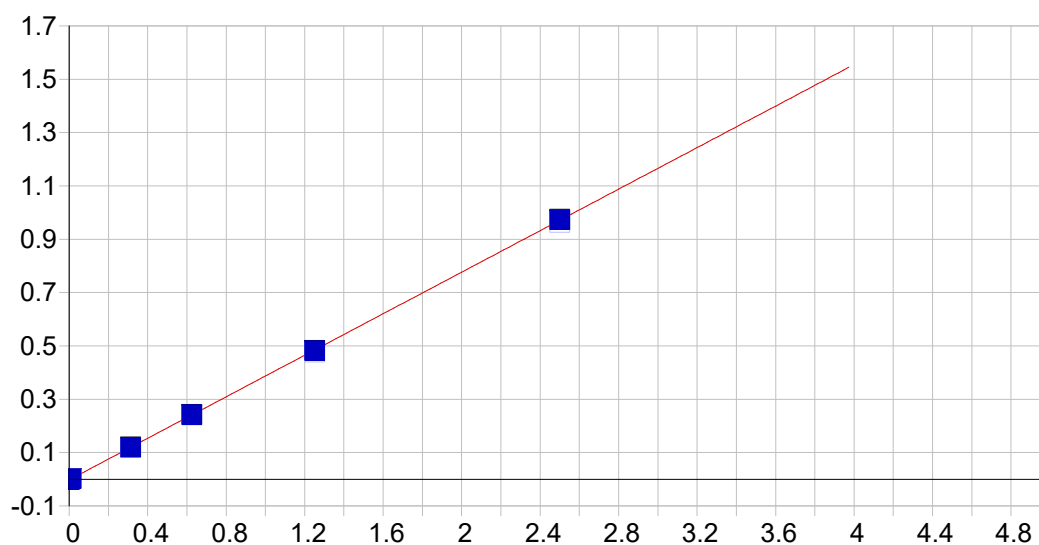


Ni 231.604 {446}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001822	Re-Slope:	1.000000
A1 (Gain):	0.436436	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000148		
Predicted MDL:	0.000800		
Predicted MQL:	0.002666		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00182	.000	1
S1	.04000	.04293	.003	7.32	.01691	.000	1
S2	.62500	.64287	.018	2.86	.27875	.000	1
S3	1.2500	1.2770	.027	2.16	.55551	.002	1
S4	2.5000	2.5066	.007	.263	1.0921	.002	1
S5	5.0000	4.9456	-.054	-1.09	2.1566	.004	1

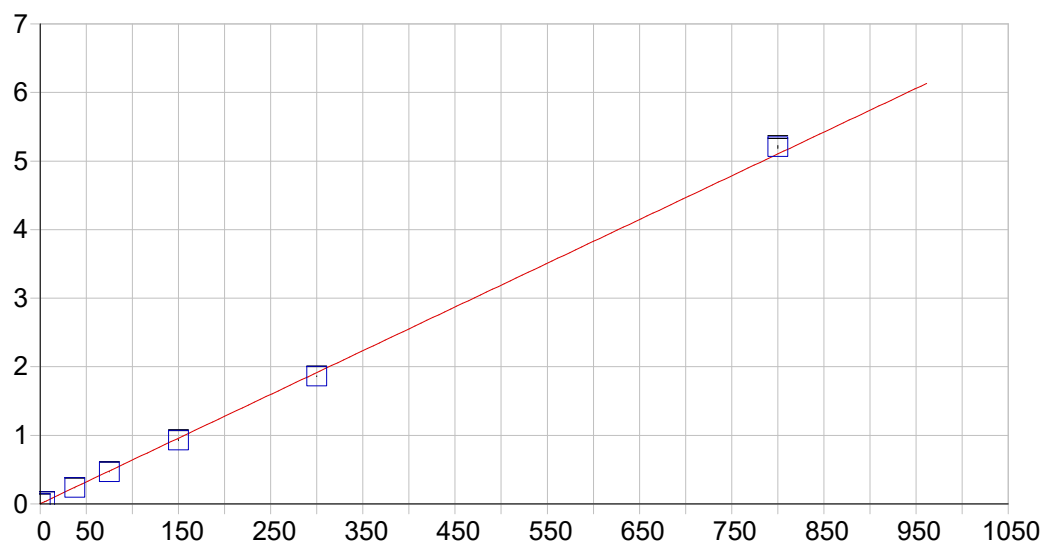


Ag 328.068 {103}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002236	Re-Slope:	1.000000
A1 (Gain):	0.389326	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.000523		
Predicted MQL:	0.001745		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00224	.000	1
S1	.01000	.01044	.000	4.40	.00180	.000	1
S2	.31250	.31404	.002	.493	.11873	.000	1
S3	.62500	.62668	.002	.268	.23916	.001	1
S4	1.2500	1.2430	-.007	-.564	.47650	.001	1
S5	2.5000	2.5034	.003	.135	.96204	.003	1

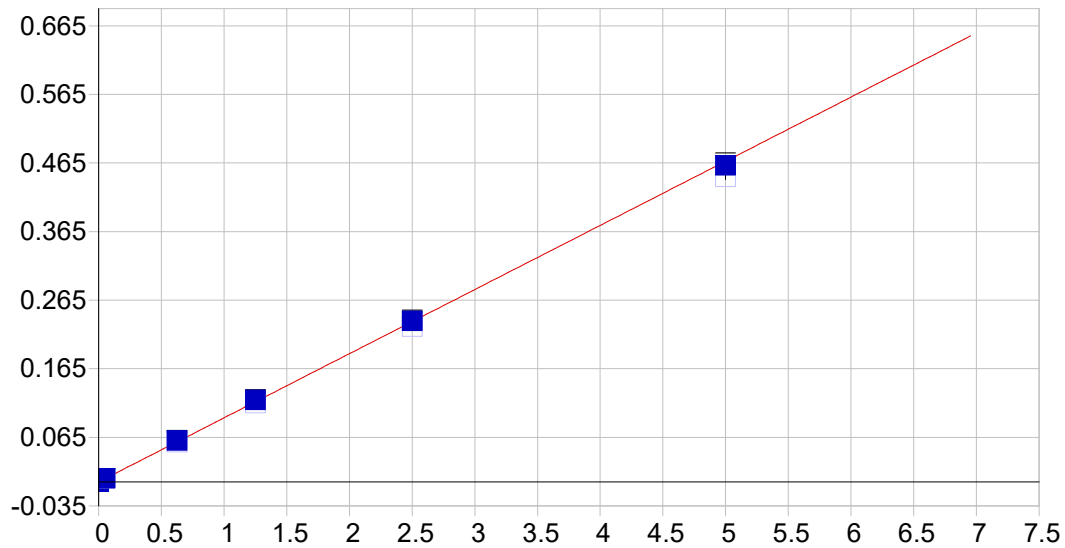


Na 818.326 { 41}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003162	Re-Slope:	1.000000
A1 (Gain):	0.006375	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999710	Status:	OK.
Std Error of Est:	0.000475		
Predicted MDL:	0.274664		
Predicted MQL:	0.915546		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	.00316	.001	1
S1	5.0000	4.9834	-.017	-.332	.03493	.000	1
S2	37.500	36.572	-.928	-2.47	.23631	.001	1
S3	75.000	72.959	-2.04	-2.72	.46826	.002	1
S4	150.00	145.36	-4.64	-3.09	.92981	.007	1
S5	300.00	291.44	-8.56	-2.85	1.8611	.006	1
S6	800.00	816.18	16.2	2.02	5.2062	.021	1

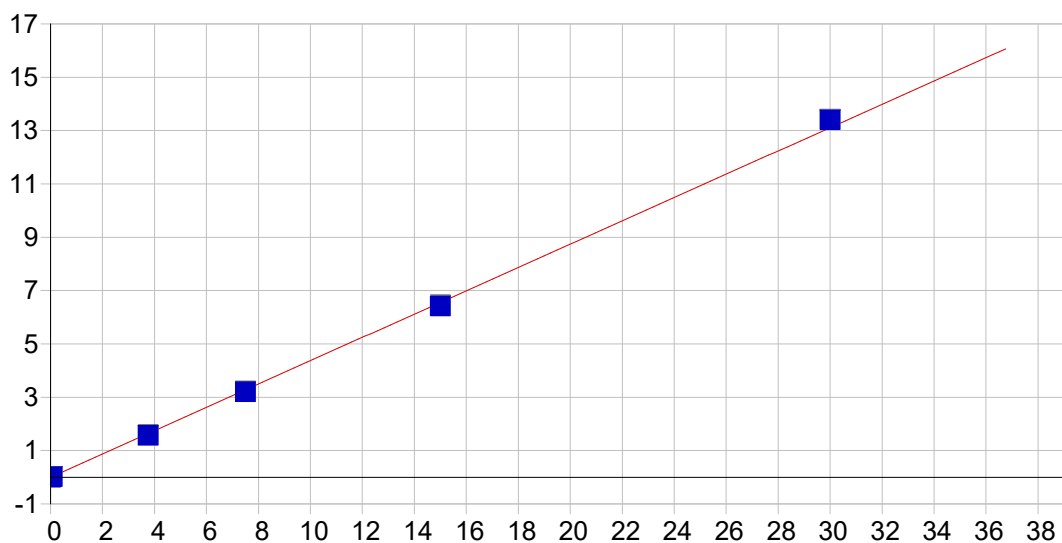


V 292.402 {115}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000123 Re-Slope: 1.000000
 A1 (Gain): 0.093520 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.003737
 Predicted MQL: 0.012455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.05000	.05542	.005	10.8	.00505	.000	1
S2	.62500	.64428	.019	3.08	.05798	.000	1
S3	1.2500	1.2768	.027	2.14	.11498	.001	1
S4	2.5000	2.5115	.011	.458	.22615	.001	1
S5	5.0000	4.9369	-.063	-1.26	.44437	.004	1

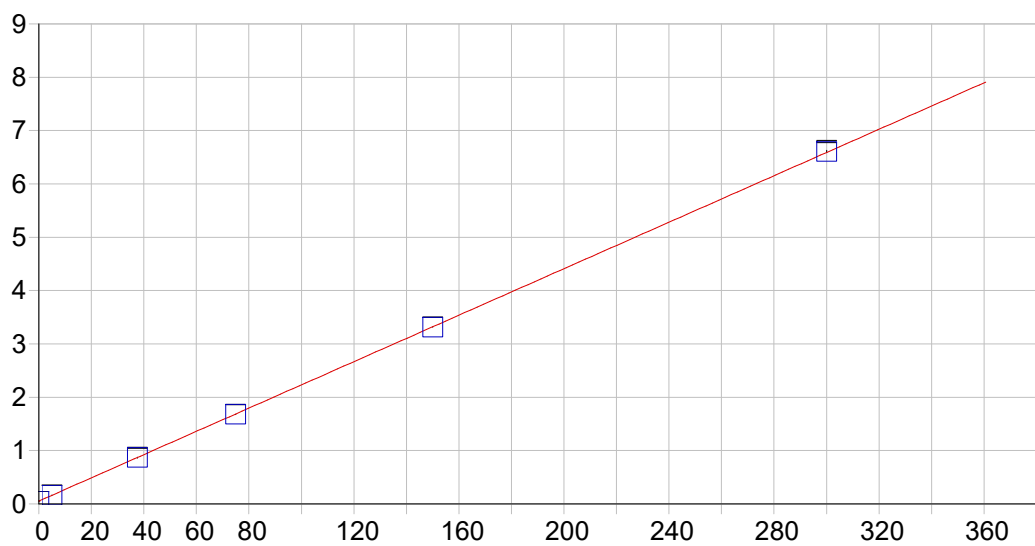


Zn 213.856 {158}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000636	Re-Slope:	1.000000
A1 (Gain):	0.437068	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.000749		
Predicted MDL:	0.002769		
Predicted MQL:	0.009231		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00063	.002	1
S1	.06000	.06002	.000	.030	.02568	.002	1
S2	3.7500	3.5934	-.157	-4.18	1.5712	.014	1
S3	7.5000	7.3104	-.190	-2.53	3.1971	.029	1
S4	15.000	14.684	-.316	-2.11	6.4222	.033	1
S5	30.000	30.663	.663	2.21	13.411	.016	1

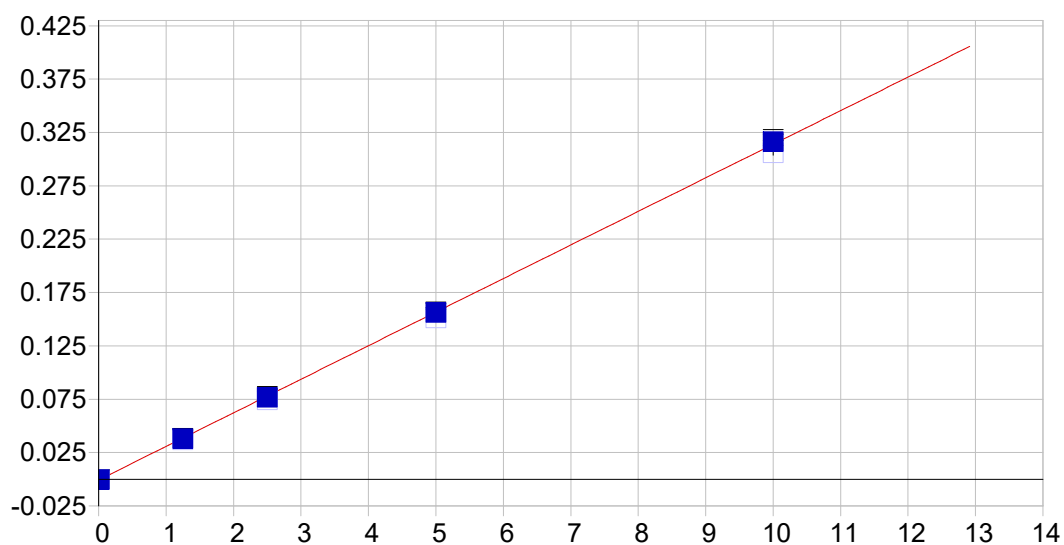


K 769.896 { 44}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.052979 Re-Slope: 1.000000
 A1 (Gain): 0.021787 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.071160
 Predicted MQL: 0.237201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.05298	.001	1
S1	5.0000	5.0442	.044	.884	.16288	.002	1
S2	37.500	37.391	-.109	-.291	.86761	.007	1
S3	75.000	74.548	-.452	-.603	1.6771	.006	1
S4	150.00	149.64	-.359	-.240	3.3132	.003	1
S5	300.00	300.88	.876	.292	6.6081	.019	1

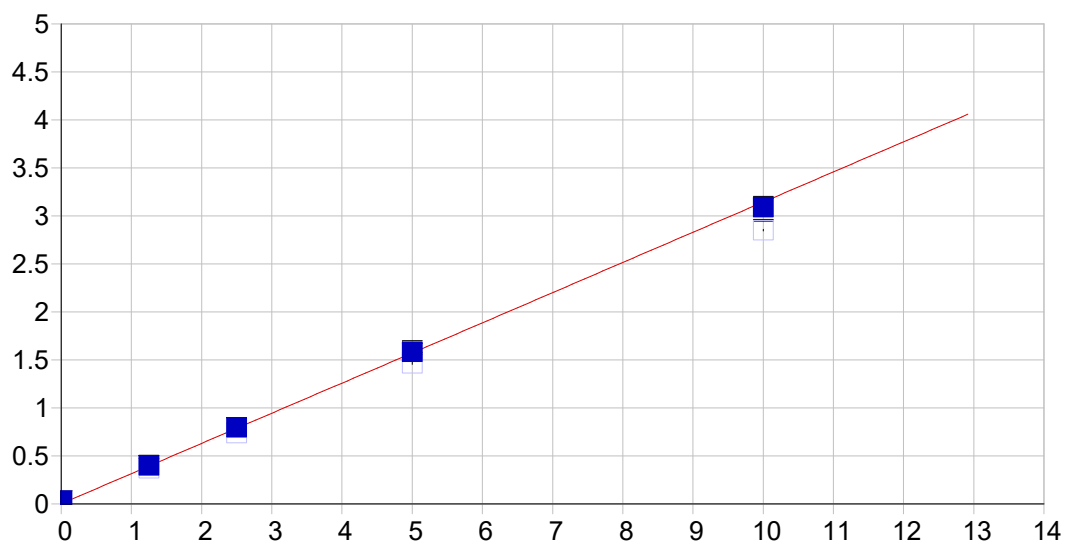


P 177.495 {490}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000707 Re-Slope: 1.000000
 A1 (Gain): 0.031468 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.006073
 Predicted MQL: 0.020243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00071	.000	1
S1	.01000	.00718	-.003	-28.2	-.00049	.000	1
S2	1.2500	1.2305	-.019	-1.56	.03671	.000	1
S3	2.5000	2.4620	-.038	-1.52	.07417	.001	1
S4	5.0000	4.9839	-.016	-.322	.15092	.001	1
S5	10.000	10.076	.076	.764	.30597	.002	1

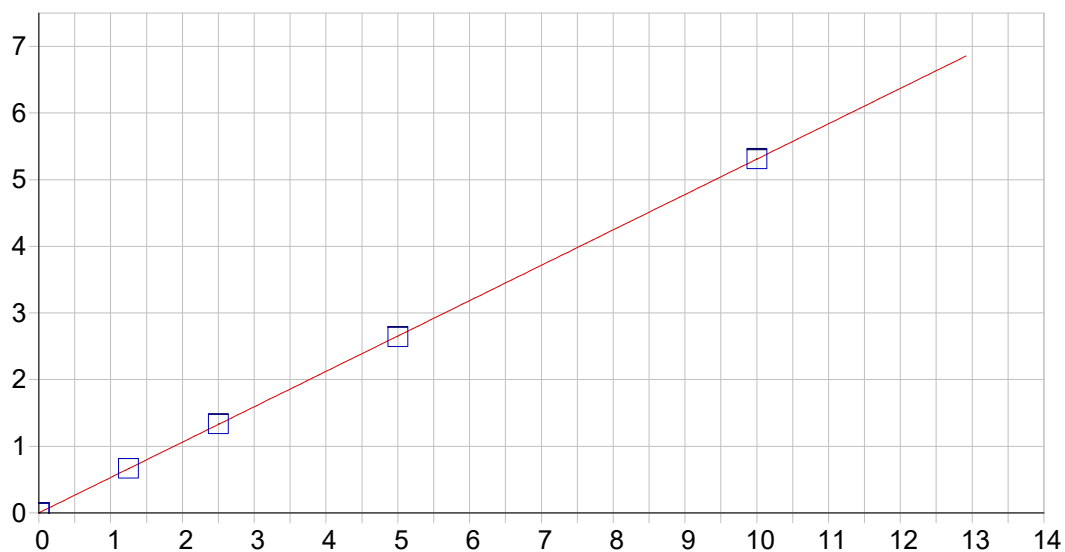


B 249.678 {135}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001542 Re-Slope: 1.000000
 A1 (Gain): 0.314195 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.976730 Status: OK.
 Std Error of Est: 0.001069
 Predicted MDL: 0.001255
 Predicted MQL: 0.004183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00151	.000	1
S1	.01000	.09766	.088	877.	.03218	.000	1
S2	1.2500	1.2705	.021	1.64	.37107	.002	1
S3	2.5000	2.5273	.027	1.09	.73625	.001	1
S4	5.0000	5.0327	.033	.654	1.4641	.012	1
S5	10.000	9.8261	-.174	-1.74	2.8514	.010	1

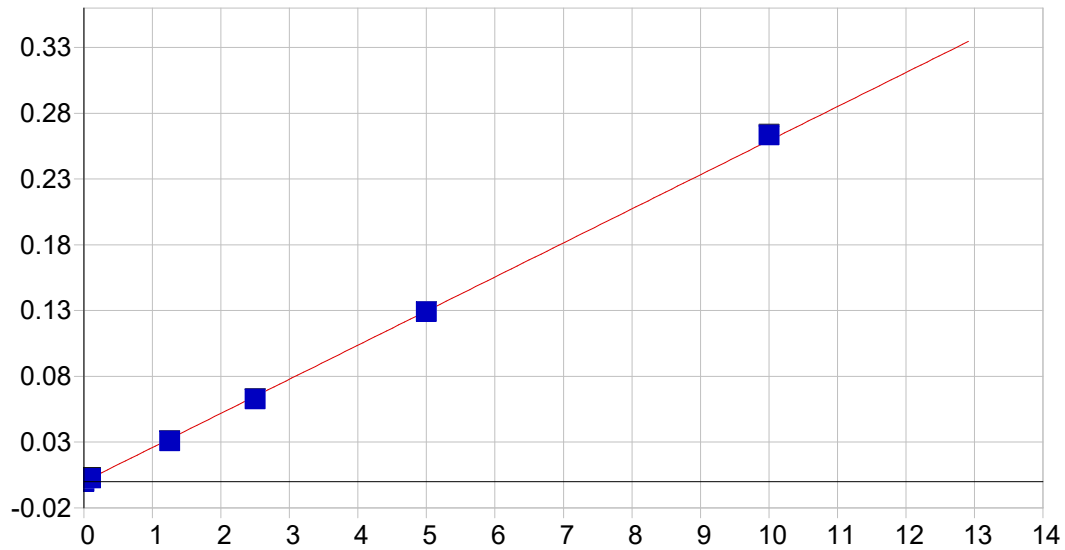


Mo 202.030 {467}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000172 Re-Slope: 1.000000
 A1 (Gain): 0.530830 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000595
 Predicted MQL: 0.001984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01000	.01103	.001	10.3	.00603	.000	1
S2	1.2500	1.2550	.005	.400	.66636	.001	1
S3	2.5000	2.5135	.014	.540	1.3344	.002	1
S4	5.0000	4.9782	-.022	-.437	2.6427	.003	1
S5	10.000	10.002	.002	.023	5.3097	.009	1

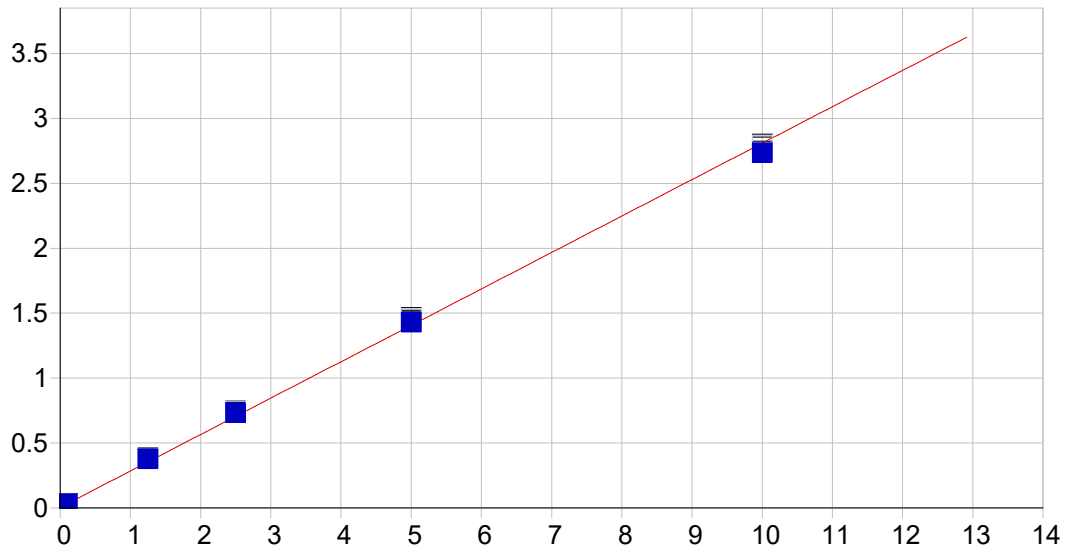


S 182.034 {485}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.025913 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.007668
 Predicted MQL: 0.025561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00005	.000	1
S1	.10000	.09881	-.001	-1.19	.00261	.000	1
S2	1.2500	1.1881	-.062	-4.95	.03083	.000	1
S3	2.5000	2.4214	-.079	-3.15	.06279	.000	1
S4	5.0000	4.9789	-.021	-.422	.12905	.000	1
S5	10.000	10.163	.163	1.63	.26337	.001	1

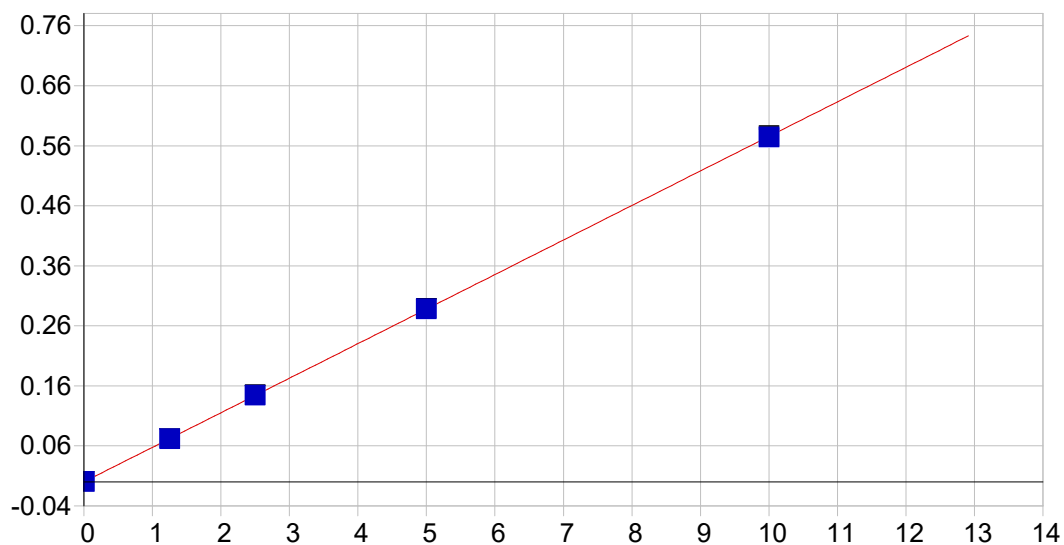


Si 251.611 {134}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003979 Re-Slope: 1.000000
 A1 (Gain): 0.280505 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999569 Status: OK.
 Std Error of Est: 0.000446
 Predicted MDL: 0.001481
 Predicted MQL: 0.004938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00398	.000	1
S1	.10000	.10094	.001	.936	.03260	.001	1
S2	1.2500	1.3329	.083	6.63	.38469	.002	1
S3	2.5000	2.5925	.093	3.70	.74487	.003	1
S4	5.0000	5.0815	.081	1.63	1.4567	.010	1
S5	10.000	9.7422	-.258	-2.58	2.7914	.012	1

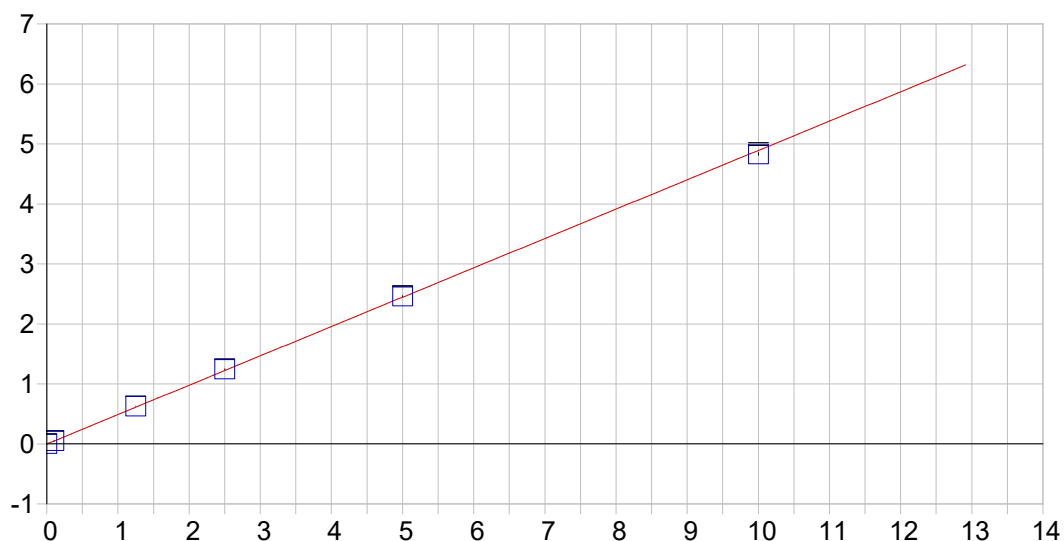


Sn 189.989 {478}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000040	Re-Slope:	1.000000
A1 (Gain):	0.057561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.002942		
Predicted MQL:	0.009807		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.00700	.00914	.002	30.6	.00055	.000	1
S2	1.2500	1.2459	-.004	-.331	.07156	.000	1
S3	2.5000	2.5107	.011	.427	.14416	.001	1
S4	5.0000	5.0090	.009	.179	.28758	.001	1
S5	10.000	9.9824	-.018	-.176	.57307	.002	1

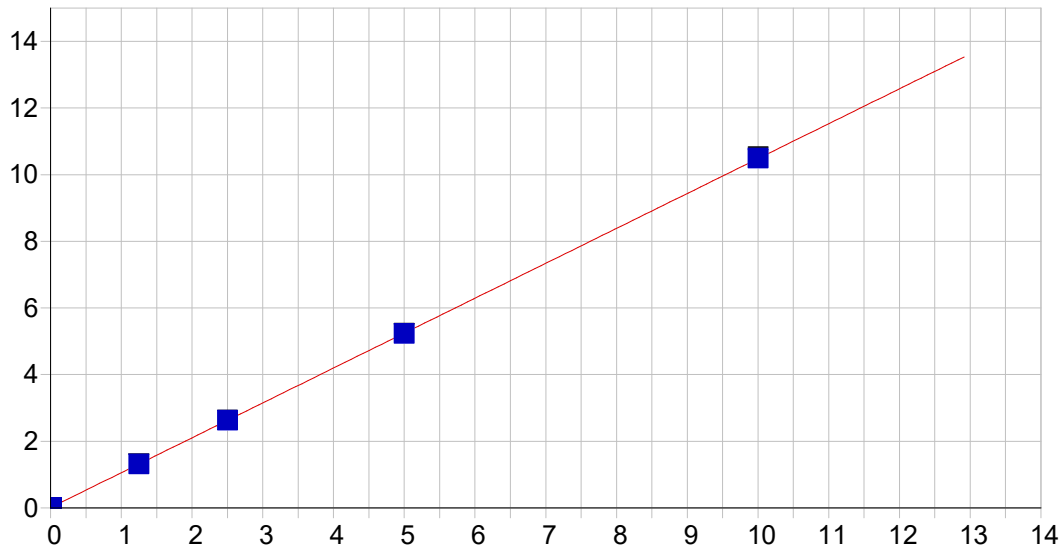


Ti 336.121 {100}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000172	Re-Slope:	1.000000
A1 (Gain):	0.489070	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000381		
Predicted MDL:	0.001245		
Predicted MQL:	0.004151		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00017	.000	1
S1	.10000	.10640	.006	6.40	.05221	.000	1
S2	1.2500	1.2863	.036	2.90	.62926	.003	1
S3	2.5000	2.5474	.047	1.89	1.2460	.005	1
S4	5.0000	5.0317	.032	.634	2.4610	.010	1
S5	10.000	9.8782	-.122	-1.22	4.8313	.024	1



Li 670.784 { 50}

Date of Fit: 10/06/2021 14:10:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009072 Re-Slope: 1.000000
 A1 (Gain): 1.047318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001520
 Predicted MQL: 0.005068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00907	.001	1
S5	10.000	10.013	.013	.129	10.484	.039	1
S4	5.0000	4.9864	-.014	-.273	5.2257	.011	1
S3	2.5000	2.5006	.001	.022	2.6251	.003	1
S2	1.2500	1.2490	-.001	-.084	1.3157	.006	1
S1	.01500	.01625	.001	8.33	.02601	.001	1



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
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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		





Y 224.306 {150}*

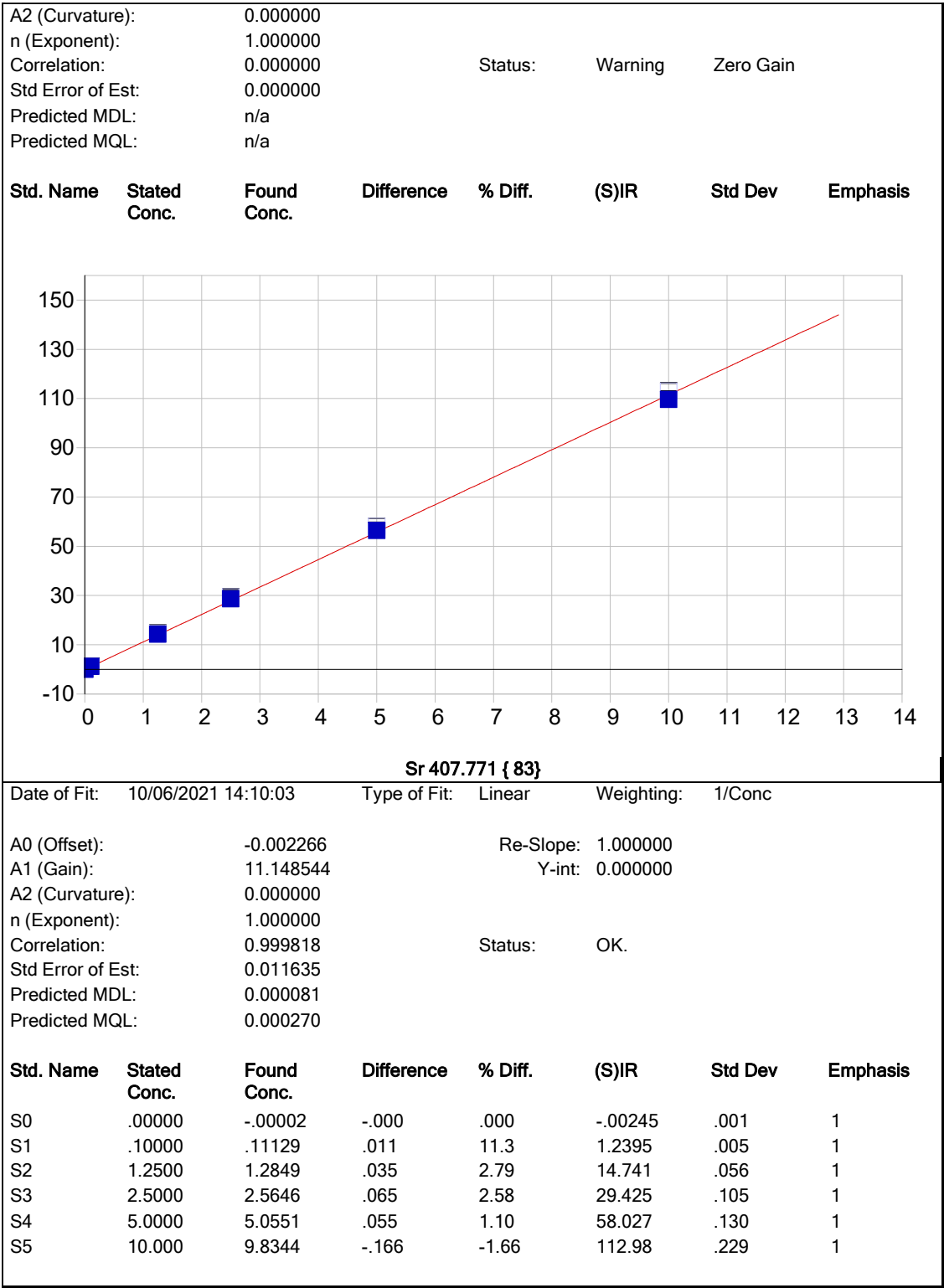
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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	



Sample Name: S0 Acquired: 10/06/2021 11:19:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00021	-.00086	-.00022	.00068	.00052	.00229	-.01050	-.00188
Stddev	.00020	.00019	.00009	.00013	.00032	.00017	.00232	.00019
%RSD	91.514	22.440	39.548	19.441	62.097	7.5786	22.065	10.119

#1	-.00019	-.00089	-.00014	.00080	.00051	.00249	-.00824	-.00174
#2	-.00042	-.00066	-.00031	.00054	.00085	.00219	-.01287	-.00210
#3	-.00003	-.00105	-.00020	.00071	.00020	.00218	-.01039	-.00182

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00031	.00099	-.00003	-.00012	.00195	.00045	.00019	-.00025
Stddev	.00013	.00008	.00006	.00035	.00034	.00004	.00029	.00033
%RSD	43.036	7.7149	200.40	287.22	17.430	8.7134	156.10	133.13

#1	.00033	.00094	.00003	.00009	.00186	.00049	.00050	-.00047
#2	.00016	.00094	-.00007	-.00053	.00232	.00042	-.00007	.00013
#3	.00043	.00107	-.00004	.00008	.00165	.00043	.00013	-.00040

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00182	-.00224	.00316	-.00012	-.00063	.05298	-.00071	.00151
Stddev	.00016	.00013	.00092	.00031	.00163	.00110	.00011	.00029
%RSD	8.7392	6.0042	28.960	254.95	257.37	2.0771	15.954	19.359

#1	-.00184	-.00231	.00378	-.00048	-.00071	.05216	-.00061	.00118
#2	-.00166	-.00208	.00360	.00002	.00103	.05254	-.00083	.00163
#3	-.00198	-.00231	.00211	.00009	-.00223	.05423	-.00067	.00173

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00017	.00005	.00398	.00004	.00017	.00907	-.00245	
Stddev	.00015	.00017	.00019	.00007	.00017	.00102	.00078	
%RSD	86.151	338.84	4.6981	165.83	102.38	11.239	31.798	

#1	.00033	.00023	.00406	.00004	.00001	.01002	-.00283	
#2	.00014	.00003	.00410	-.00002	.00035	.00799	-.00155	
#3	.00004	-.00011	.00376	.00011	.00014	.00920	-.00295	

Sample Name: S0 Acquired: 10/06/2021 11:19:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.4	27684.	6084.6	792.70	1857.5
Stddev	4.4	80.	10.4	1.02	4.0
%RSD	.29798	.28877	.17127	.12893	.21725
#1	1458.5	27595.	6076.1	791.55	1853.4
#2	1466.8	27751.	6096.2	793.05	1861.5
#3	1465.1	27706.	6081.3	793.50	1857.6

Sample Name: S1 Acquired: 10/06/2021 11:23:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00022	.00014	.00225	.00281	.00692	.01902	.56174	.01172
Stddev	.00006	.00021	.00023	.00016	.00019	.00095	.00335	.00017
%RSD	26.267	144.79	10.127	5.5647	2.6983	5.0033	.59578	1.4885
#1	.00029	-.00003	.00246	.00293	.00710	.01913	.55854	.01169
#2	.00017	.00009	.00228	.00286	.00695	.01801	.56146	.01156
#3	.00022	.00037	.00200	.00263	.00672	.01991	.56521	.01190
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01295	.31564	.00133	.04248	.00756	.00340	.00934	.05354
Stddev	.00014	.00068	.00008	.00014	.00022	.00013	.00023	.00024
%RSD	1.0684	.21695	5.7324	.32307	2.8735	3.9121	2.4970	.44744
#1	.01290	.31497	.00140	.04263	.00759	.00330	.00916	.05342
#2	.01284	.31634	.00125	.04236	.00776	.00336	.00927	.05382
#3	.01311	.31562	.00132	.04245	.00733	.00355	.00961	.05339
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01691	.00180	.03493	.00505	.02568	.16288	-.00049	.03218
Stddev	.00031	.00011	.00025	.00028	.00163	.00219	.00028	.00033
%RSD	1.8297	5.9443	.72378	5.4566	6.3423	1.3471	57.405	1.0190
#1	.01677	.00169	.03504	.00529	.02691	.16356	-.00017	.03198
#2	.01670	.00190	.03464	.00475	.02629	.16042	-.00061	.03200
#3	.01727	.00182	.03511	.00511	.02383	.16464	-.00069	.03256
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00603	.00261	.03260	.00055	.05221	.02601	1.2395	
Stddev	.00036	.00017	.00118	.00007	.00047	.00120	.0049	
%RSD	5.8978	6.6543	3.6175	13.416	.90015	4.6064	.39328	
#1	.00604	.00243	.03204	.00050	.05274	.02487	1.2357	
#2	.00567	.00261	.03395	.00064	.05184	.02589	1.2379	
#3	.00638	.00278	.03180	.00051	.05205	.02726	1.2450	

Sample Name: S1 Acquired: 10/06/2021 11:23:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.7	27913.	6091.2	801.43	1886.1
Stddev	3.3	54.	8.8	2.61	4.4
%RSD	.22355	.19326	.14437	.32513	.23187
#1	1467.9	27880.	6092.2	798.52	1881.2
#2	1473.4	27976.	6099.5	802.24	1887.5
#3	1473.8	27884.	6082.0	803.54	1889.7

Sample Name: S2 Acquired: 10/06/2021 11:27:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03875	.04682	1.1825	.06684	.13300	3.0849	7.1306	.32681
Stddev	.00016	.00005	.0021	.00068	.00035	.0109	.0519	.00297
%RSD	.40860	.10025	.17588	1.0186	.26121	.35434	.72837	.90894

#1	.03881	.04687	1.1849	.06763	.13313	3.0863	7.1291	.32548
#2	.03858	.04680	1.1818	.06639	.13260	3.0950	7.1833	.33022
#3	.03888	.04678	1.1809	.06651	.13326	3.0733	7.0795	.32474

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5181	3.7164	.51235	.50753	.83099	1.1371	2.1364	.65994
Stddev	.0017	.0267	.00040	.00070	.00661	.0050	.0260	.00211
%RSD	.11259	.71861	.07765	.13712	.79512	.43621	1.2164	.32019

#1	1.5187	3.7076	.51221	.50701	.82914	1.1406	2.1280	.66035
#2	1.5161	3.7465	.51280	.50725	.83832	1.1314	2.1656	.65765
#3	1.5194	3.6953	.51205	.50832	.82550	1.1393	2.1157	.66181

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27875	.11873	.23631	.05798	1.5712	.86761	.03671	.37107
Stddev	.00039	.00039	.00139	.00030	.0139	.00665	.00036	.00206
%RSD	.14066	.32947	.59019	.51062	.88392	.76693	.98731	.55606

#1	.27914	.11891	.23785	.05764	1.5826	.86550	.03712	.36879
#2	.27875	.11901	.23592	.05821	1.5557	.87506	.03660	.37282
#3	.27836	.11829	.23515	.05809	1.5753	.86227	.03642	.37159

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.66636	.03083	.38469	.07156	.62926	1.3157	14.741
Stddev	.00132	.00031	.00194	.00013	.00336	.0061	.056
%RSD	.19855	.99169	.50387	.18166	.53447	.46098	.38104

#1	.66787	.03049	.38368	.07141	.63096	1.3160	14.757
#2	.66583	.03108	.38692	.07163	.63143	1.3216	14.787
#3	.66539	.03092	.38346	.07164	.62538	1.3095	14.678

Sample Name: S2 Acquired: 10/06/2021 11:27:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.5	27880.	6113.9	784.74	1814.4
Stddev	5.6	34.	12.2	4.36	4.3
%RSD	.39082	.12064	.19888	.55556	.23603
#1	1421.4	27843.	6113.3	780.86	1809.9
#2	1428.6	27907.	6102.1	789.46	1814.6
#3	1432.4	27891.	6126.4	783.89	1818.5

Sample Name: S3 Acquired: 10/06/2021 11:31:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07737	.09369	2.3718	.13207	.26425	6.1481	14.318	.64024
Stddev	.00088	.00029	.0076	.00035	.00076	.0177	.005	.00168
%RSD	1.1313	.31285	.32237	.26189	.28617	.28870	.03660	.26208

#1	.07751	.09400	2.3785	.13244	.26351	6.1517	14.313	.63994
#2	.07643	.09341	2.3635	.13175	.26422	6.1288	14.323	.64204
#3	.07816	.09366	2.3735	.13202	.26502	6.1637	14.319	.63873

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0033	7.3510	.99830	1.0155	1.6487	2.2541	4.1796	1.3245
Stddev	.0091	.0135	.00284	.0030	.0017	.0150	.0141	.0119
%RSD	.30223	.18359	.28400	.29349	.10238	.66318	.33853	.90052

#1	3.0122	7.3367	1.0013	1.0185	1.6496	2.2632	4.1661	1.3338
#2	2.9941	7.3529	.99803	1.0126	1.6468	2.2369	4.1784	1.3110
#3	3.0037	7.3635	.99561	1.0153	1.6498	2.2623	4.1943	1.3286

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55551	.23916	.46826	.11498	3.1971	1.6771	.07417	.73625
Stddev	.00153	.00098	.00218	.00070	.0292	.0056	.00079	.00132
%RSD	.27592	.41136	.46660	.61042	.91314	.33082	1.0707	.17909

#1	.55703	.24029	.46913	.11578	3.1888	1.6795	.07466	.73695
#2	.55397	.23860	.46578	.11447	3.1729	1.6708	.07325	.73707
#3	.55554	.23858	.46989	.11469	3.2295	1.6811	.07459	.73473

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3344	.06279	.74487	.14416	1.2460	2.6251	29.425
Stddev	.0019	.00021	.00312	.00053	.0047	.0032	.105
%RSD	.14419	.33433	.41852	.36872	.38092	.12298	.35705

#1	1.3346	.06301	.74695	.14476	1.2444	2.6260	29.467
#2	1.3324	.06259	.74638	.14373	1.2423	2.6215	29.305
#3	1.3362	.06277	.74129	.14401	1.2514	2.6278	29.502

Sample Name: S3 Acquired: 10/06/2021 11:31:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.9	27527.	6121.1	758.49	1736.5
Stddev	2.6	37.	28.4	2.39	5.5
%RSD	.18680	.13503	.46318	.31550	.31600
#1	1379.2	27485.	6092.8	759.21	1731.5
#2	1381.3	27541.	6149.5	760.43	1742.4
#3	1376.2	27556.	6121.1	755.81	1735.6

Sample Name: S5 Acquired: 10/06/2021 11:39:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31163	.35515	9.3548	.49184	1.0619	24.670	54.957	2.4380
Stddev	.00130	.00121	.0241	.00150	.0017	.117	.307	.0050
%RSD	.41703	.34210	.25738	.30442	.16391	.47365	.55779	.20329

#1	.31016	.35490	9.3328	.49183	1.0614	24.796	55.229	2.4432
#2	.31211	.35408	9.3512	.49034	1.0604	24.649	54.625	2.4333
#3	.31262	.35647	9.3805	.49334	1.0638	24.566	55.018	2.4375

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.476	28.592	3.6930	3.9994	6.4601	8.6496	15.712	5.3568
Stddev	.015	.015	.0063	.0110	.0149	.0398	.045	.0190
%RSD	.12900	.05288	.17158	.27419	.23049	.46052	.28946	.35369

#1	11.463	28.610	3.6999	3.9907	6.4770	8.6921	15.764	5.3756
#2	11.472	28.582	3.6874	3.9957	6.4540	8.6437	15.679	5.3569
#3	11.492	28.585	3.6918	4.0117	6.4492	8.6130	15.693	5.3377

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1566	.96204	1.8611	.44437	13.411	6.6081	.30597	2.8514
Stddev	.0037	.00257	.0055	.00365	.016	.0192	.00213	.0096
%RSD	.16962	.26701	.29599	.82153	.11714	.29084	.69457	.33616

#1	2.1526	.96249	1.8658	.44849	13.429	6.6251	.30499	2.8625
#2	2.1575	.96435	1.8623	.44310	13.406	6.6120	.30451	2.8457
#3	2.1597	.95928	1.8550	.44153	13.399	6.5873	.30841	2.8462

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.3097	.26337	2.7914	.57307	4.8313	10.484	112.98	
Stddev	.0088	.00064	.0118	.00210	.0243	.039	.23	
%RSD	.16612	.24209	.42416	.36715	.50244	.37073	.20294	

#1	5.3006	.26288	2.8051	.57176	4.8580	10.512	113.19	
#2	5.3102	.26314	2.7851	.57196	4.8255	10.502	112.73	
#3	5.3182	.26409	2.7841	.57550	4.8105	10.440	113.03	

Sample Name: S5 Acquired: 10/06/2021 11:39:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.1	26565.	5975.0	665.83	1532.0
Stddev	.8	84.	25.0	1.11	1.7
%RSD	.06334	.31514	.41775	.16667	.10892
#1	1232.0	26477.	5946.8	665.70	1532.9
#2	1231.0	26644.	5983.9	664.79	1533.0
#3	1230.5	26573.	5994.4	667.00	1530.1

Sample Name: S6 Acquired: 10/06/2021 11:43:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1580) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	66.857	47.073	23.350	8.9568	5.2062
Stddev	.735	.079	.087	.0291	.0210
%RSD	1.0992	.16866	.37303	.32520	.40328

#1	67.581	47.137	23.412	8.9849	5.2274
#2	66.878	47.099	23.388	8.9586	5.2059
#3	66.112	46.984	23.251	8.9268	5.1855

Int. Std.	Y_3710
Units	Cts/S
Avg	5830.1
Stddev	41.8
%RSD	.71715

#1	5787.8
#2	5831.0
#3	5871.4