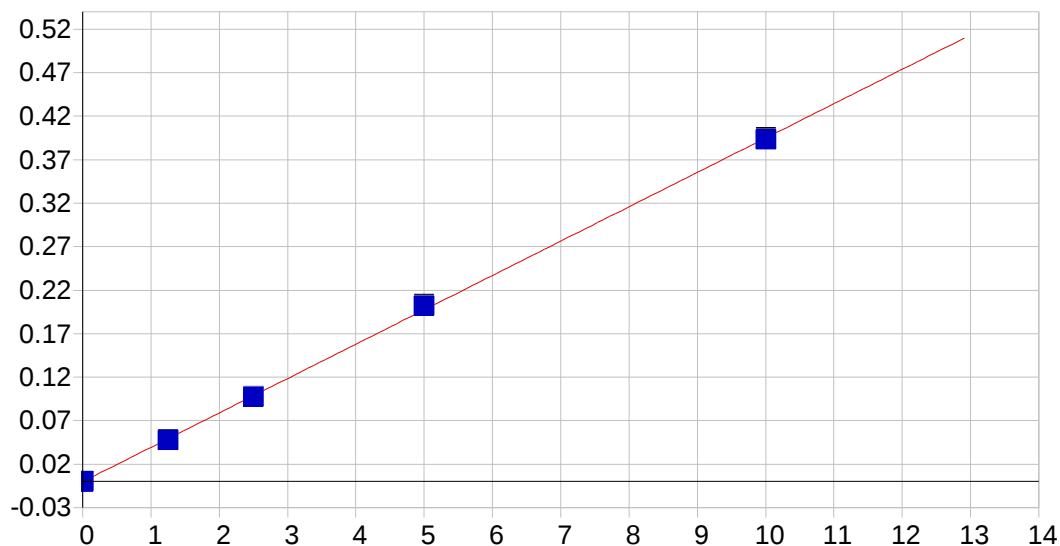


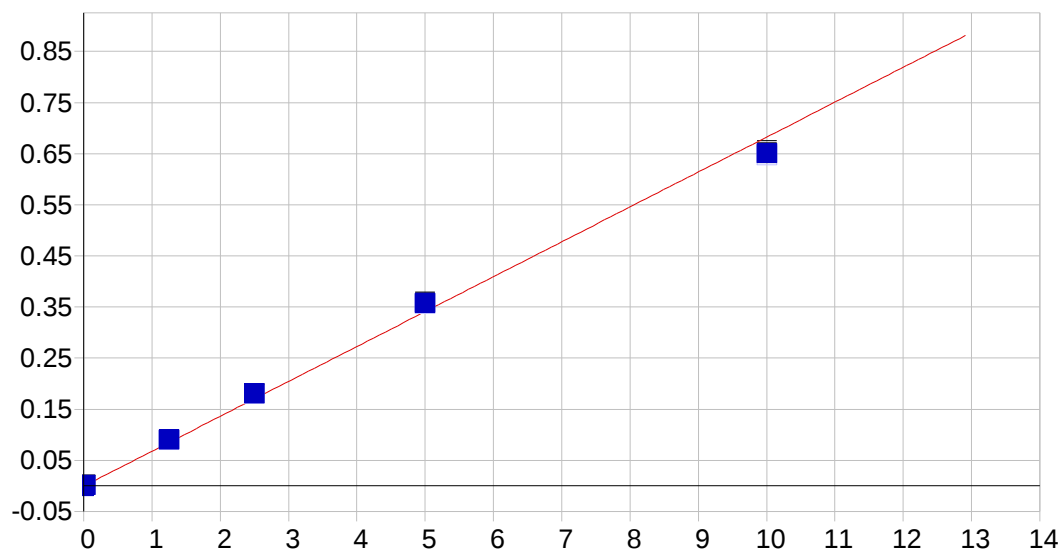


As 189.042 {479}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.039503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003750
 Predicted MQL: 0.012499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00882	-.001	-11.8	.00020	.000	1
S2	1.2500	1.2058	-.044	-3.53	.04760	.000	1
S3	2.5000	2.4734	-.027	-1.06	.09779	.000	1
S4	5.0000	5.1228	.123	2.46	.20268	.001	1
S5	10.000	9.9491	-.051	-.509	.39380	.002	1

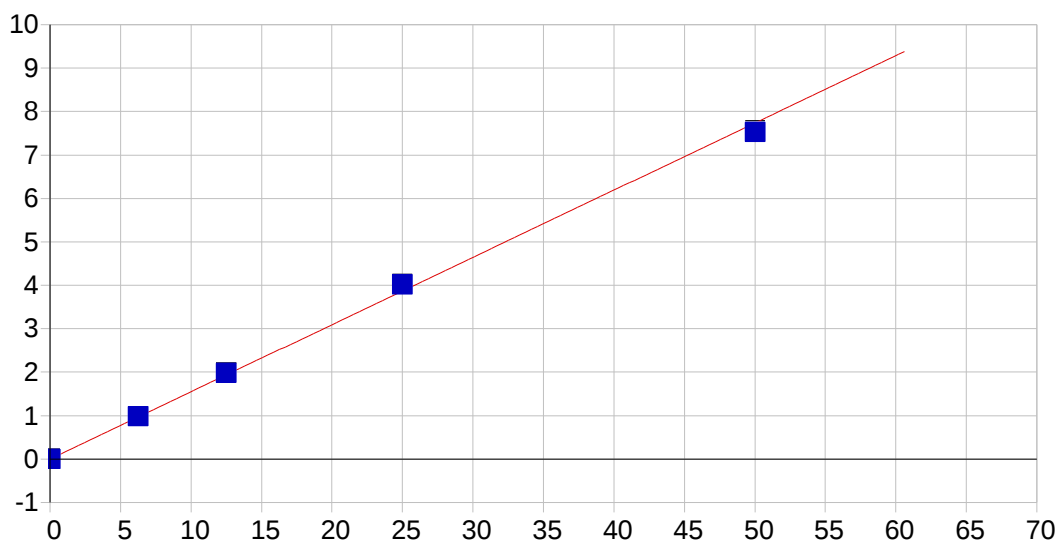


TI 190.856 {477}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000400 Re-Slope: 1.000000
 A1 (Gain): 0.068288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998718 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.001959
 Predicted MQL: 0.006531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.02500	.02627	.001	5.08	.00137	.000	1
S2	1.2500	1.3298	.080	6.38	.08989	.000	1
S3	2.5000	2.6485	.148	5.94	.17943	.001	1
S4	5.0000	5.2405	.241	4.81	.35540	.003	1
S5	10.000	9.5300	-.470	-4.70	.64625	.005	1

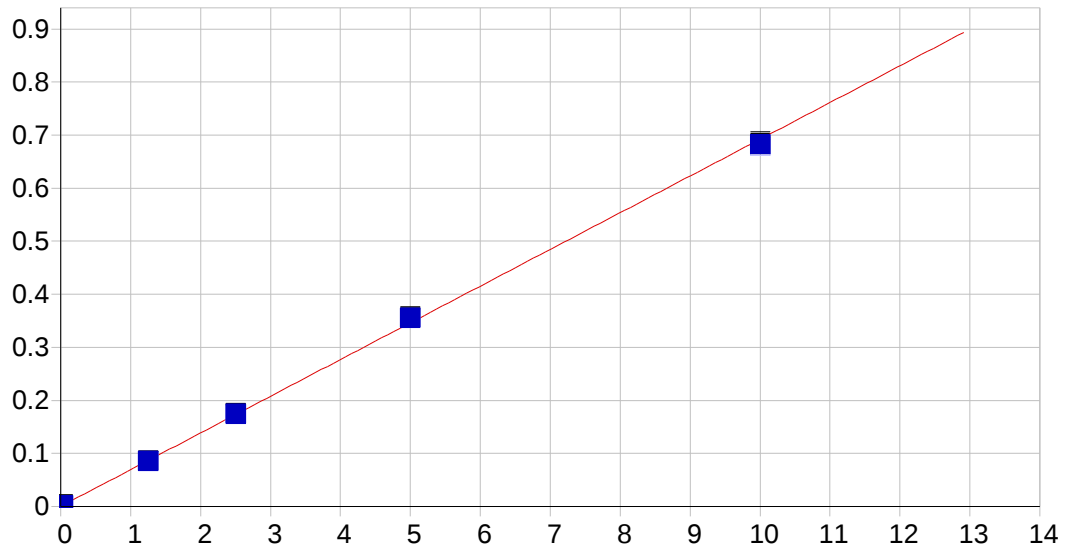


Pb 220.353 {453}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.154769 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.001819
 Predicted MQL: 0.006064

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00902	-.001	-9.83	.00122	.000	1
S2	6.2500	6.3310	.081	1.30	.98118	.004	1
S3	12.500	12.816	.316	2.52	1.9863	.005	1
S4	25.000	25.954	.954	3.82	4.0228	.007	1
S5	50.000	48.650	-1.35	-2.70	7.5414	.025	1

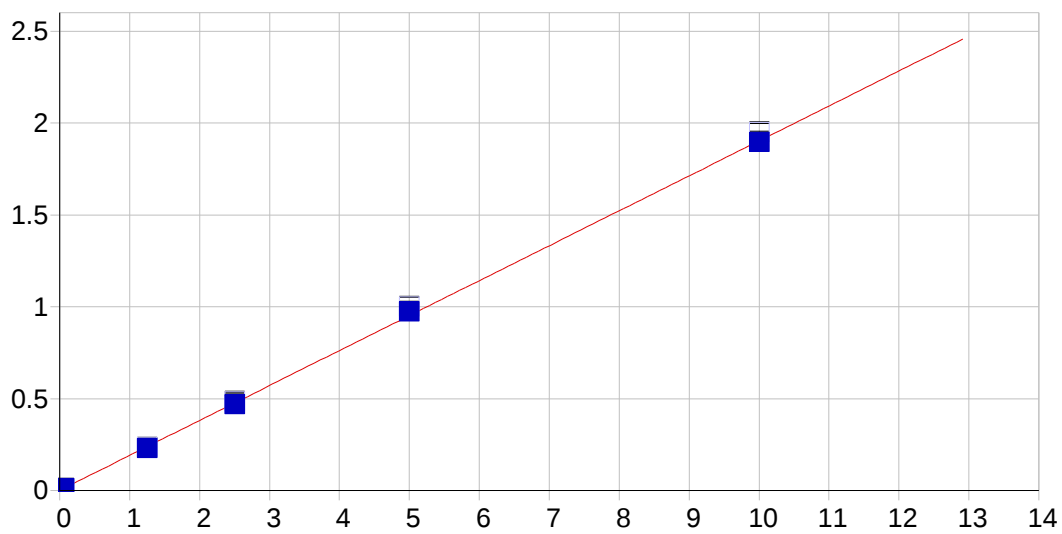


Se 196.090 {472}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.069206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.003347
 Predicted MQL: 0.011157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.03500	.03356	-.001	-4.10	.00251	.000	1
S2	1.2500	1.2353	-.015	-1.17	.08528	.000	1
S3	2.5000	2.5174	.017	.697	.17360	.001	1
S4	5.0000	5.1436	.144	2.87	.35454	.002	1
S5	10.000	9.8551	-.145	-1.45	.67898	.005	1

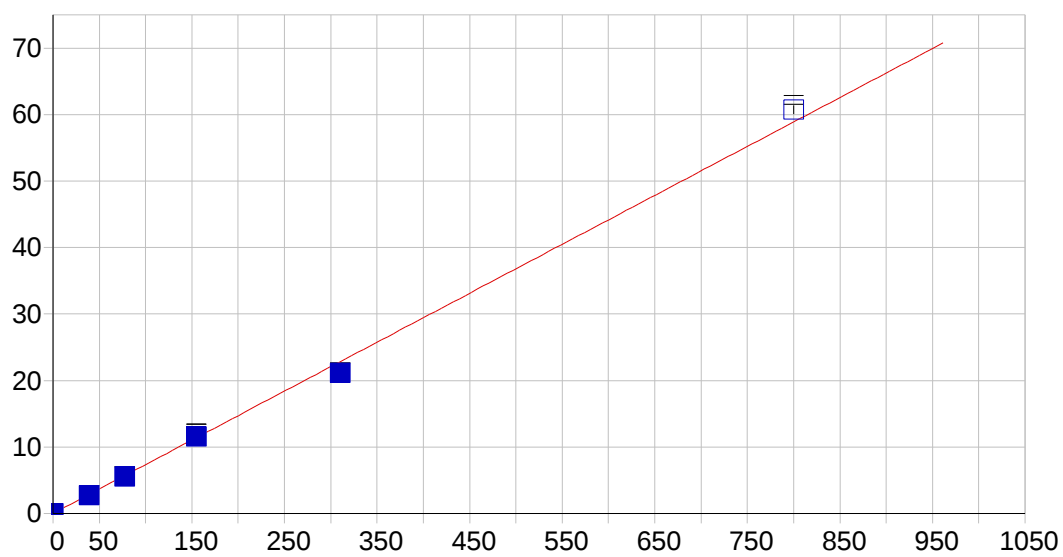


Sb 206.833 {463}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000951 Re-Slope: 1.000000
 A1 (Gain): 0.190145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.001538
 Predicted MQL: 0.005126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00095	.000	1
S1	.06000	.05651	-.003	-5.82	.01169	.000	1
S2	1.2500	1.1981	-.052	-4.15	.23524	.001	1
S3	2.5000	2.4668	-.033	-1.33	.48296	.003	1
S4	5.0000	5.1173	.117	2.35	.99988	.002	1
S5	10.000	9.9711	-.029	-.289	1.9487	.005	1

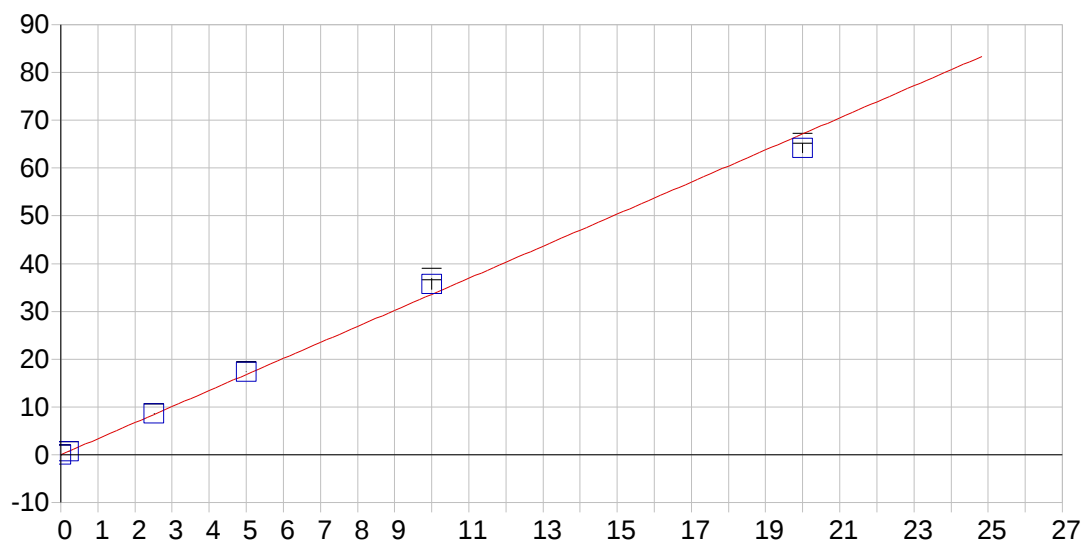


AI 396.152 { 85}

Date of Fit: 3/26/2018 14:31:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000792 Re-Slope: 1.000000
 A1 (Gain): 0.073607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999027 Status: OK.
 Std Error of Est: 0.002021
 Predicted MDL: 0.010561
 Predicted MQL: 0.035203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00080	.000	1
S1	.20000	.18203	-.018	-8.99	.01421	.000	1
S2	38.750	36.868	-1.88	-4.86	2.7172	.011	1
S3	77.500	74.953	-2.55	-3.29	5.5232	.012	1
S4	155.00	157.24	2.24	1.44	11.585	.397	1
S5	310.00	287.08	-22.9	-7.39	21.153	.086	1
S6	800.00	825.15	25.2	3.14	60.738	.663	1

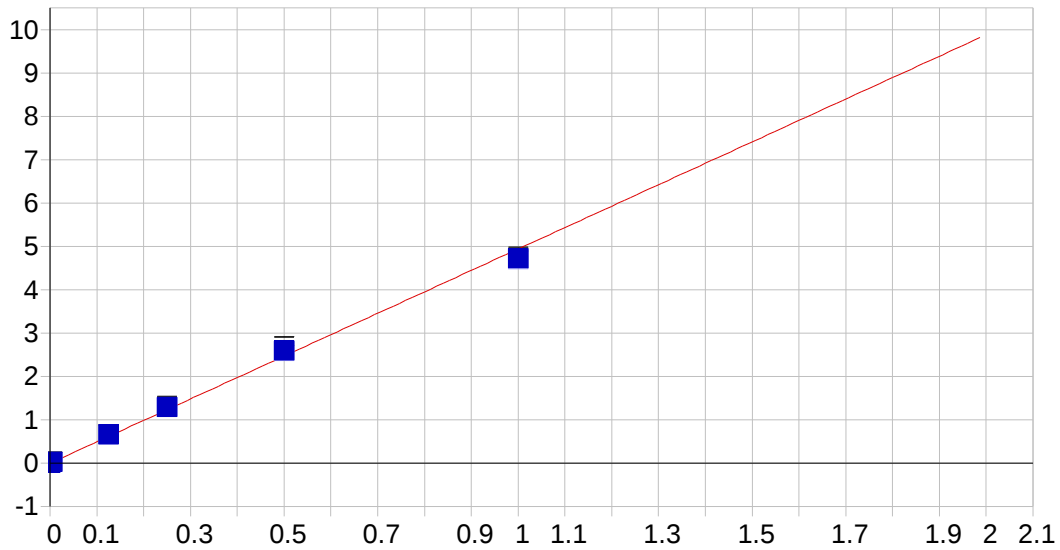


Ba 493.409 { 68}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006284 Re-Slope: 1.000000
 A1 (Gain): 3.357343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998814 Status: OK.
 Std Error of Est: 0.017393
 Predicted MDL: 0.000615
 Predicted MQL: 0.002050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00633	.001	1
S1	.20000	.19759	-.002	-1.20	.65710	.003	1
S2	2.5000	2.5636	.064	2.54	8.6005	.021	1
S3	5.0000	5.1772	.177	3.54	17.375	.011	1
S4	10.000	10.650	.650	6.50	35.748	1.17	1
S5	20.000	19.112	-.888	-4.44	64.159	1.08	1

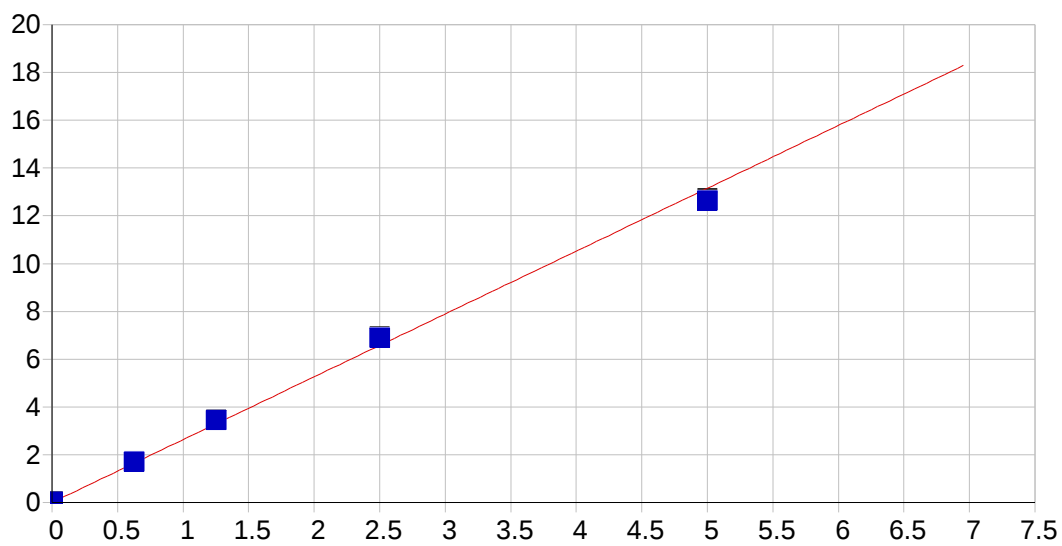


Be 234.861 {144}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002449 Re-Slope: 1.000000
 A1 (Gain): 4.940806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998821 Status: OK.
 Std Error of Est: 0.000897
 Predicted MDL: 0.000076
 Predicted MQL: 0.000254

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00245	.000	1
S1	.00500	.00532	.000	6.40	.02381	.000	1
S2	.12500	.13347	.008	6.78	.65431	.001	1
S3	.25000	.26141	.011	4.57	1.2837	.022	1
S4	.50000	.52497	.025	4.99	2.5805	.096	1
S5	1.0000	.95482	-.045	-4.52	4.6936	.038	1

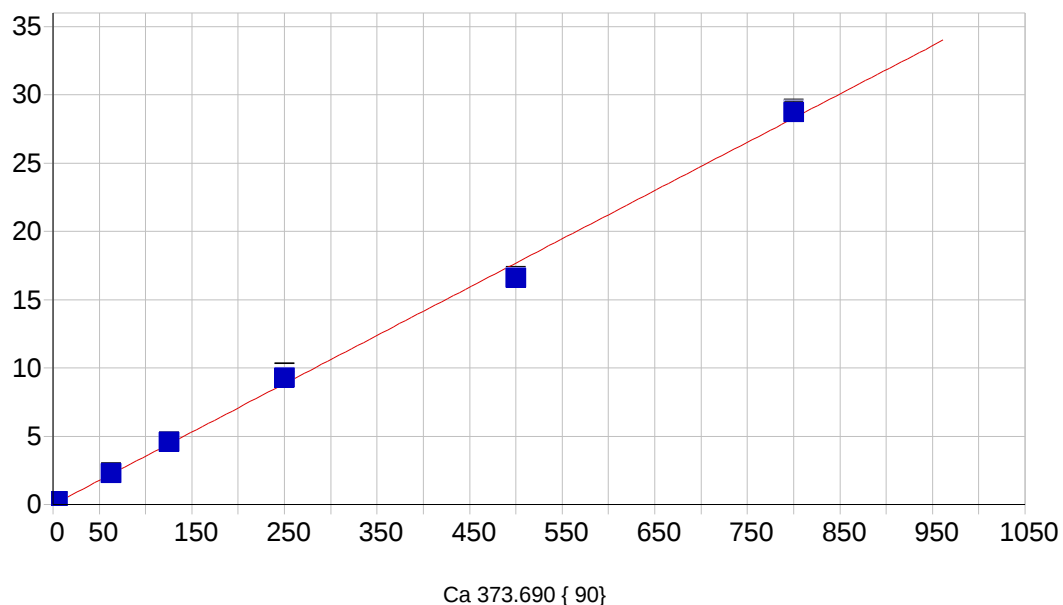


Cd 214.438 {457}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000927 Re-Slope: 1.000000
 A1 (Gain): 2.630260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999076 Status: OK.
 Std Error of Est: 0.000950
 Predicted MDL: 0.000085
 Predicted MQL: 0.000284

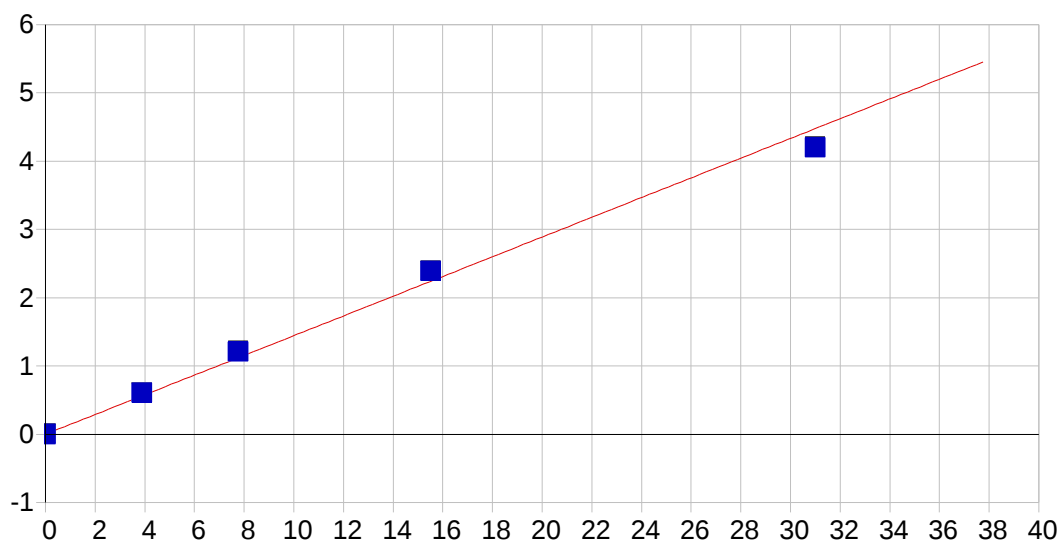
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.00500	.00508	.000	1.56	.01429	.000	1
S2	.62500	.64899	.024	3.84	1.7113	.008	1
S3	1.2500	1.3050	.055	4.40	3.4401	.004	1
S4	2.5000	2.6223	.122	4.89	6.9117	.012	1
S5	5.0000	4.7987	-.201	-4.03	12.650	.060	1



Date of Fit: 3/26/2018 14:31:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001806 Re-Slope: 1.000000
 A1 (Gain): 0.035371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999147 Status: OK.
 Std Error of Est: 0.005126
 Predicted MDL: 0.015825
 Predicted MQL: 0.052749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	.000	.000	.00179	.000	1
S1	5.0000	5.0945	.094	1.89	.18202	.001	1
S2	62.500	64.945	2.45	3.91	2.3068	.008	1
S3	125.00	128.93	3.93	3.15	4.5780	.008	1
S4	250.00	262.69	12.7	5.08	9.3248	.305	1
S5	500.00	468.73	-31.3	-6.25	16.644	.065	1
S6	800.00	812.08	12.1	1.51	28.894	.056	1

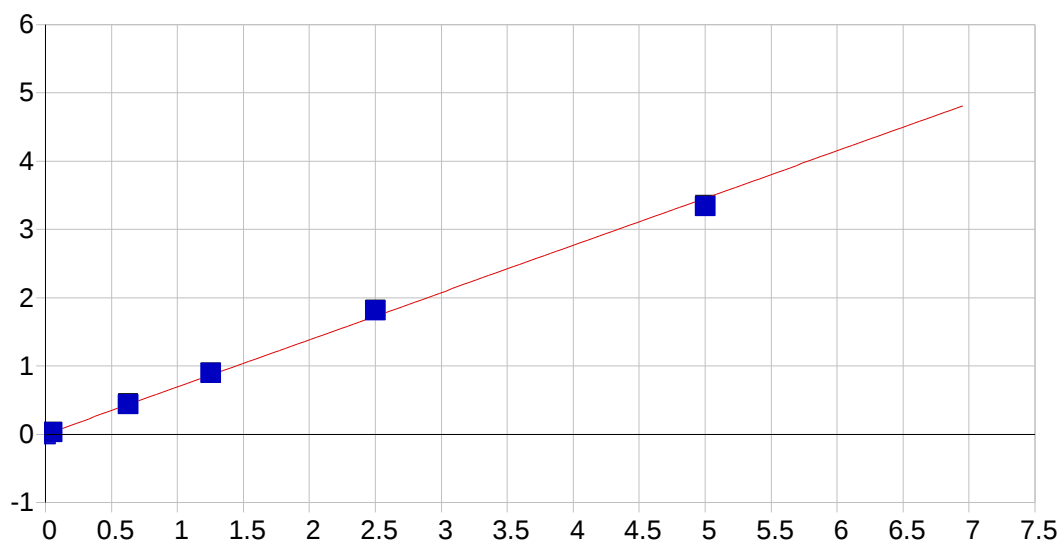


Cr 267.716 {126}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.144474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997765 Status: OK.
 Std Error of Est: 0.000286
 Predicted MDL: 0.000527
 Predicted MQL: 0.001757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01159	.002	15.9	.00166	.000	1
S2	3.8750	4.1838	.309	7.97	.60542	.001	1
S3	7.7500	8.3530	.603	7.78	1.2088	.008	1
S4	15.500	16.529	1.03	6.64	2.3919	.002	1
S5	31.000	29.058	-1.94	-6.26	4.2060	.010	1

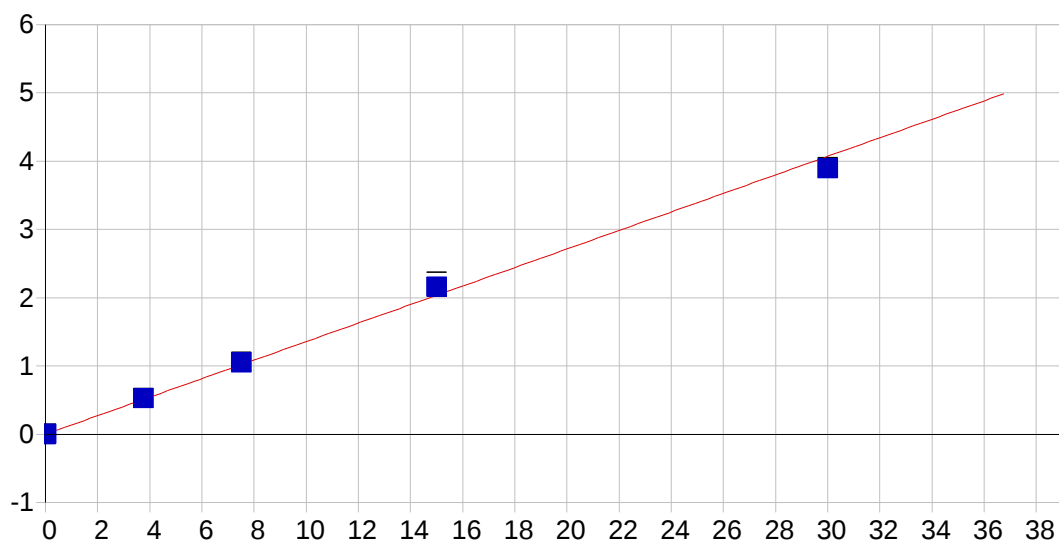


Co 228.616 {448}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000514 Re-Slope: 1.000000
 A1 (Gain): 0.691858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999253 Status: OK.
 Std Error of Est: 0.000712
 Predicted MDL: 0.000284
 Predicted MQL: 0.000946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.05000	.04724	-.003	-5.52	.03230	.000	1
S2	.62500	.63846	.013	2.15	.44206	.001	1
S3	1.2500	1.2965	.047	3.72	.89822	.001	1
S4	2.5000	2.6196	.120	4.78	1.8153	.003	1
S5	5.0000	4.8232	-.177	-3.54	3.3433	.013	1

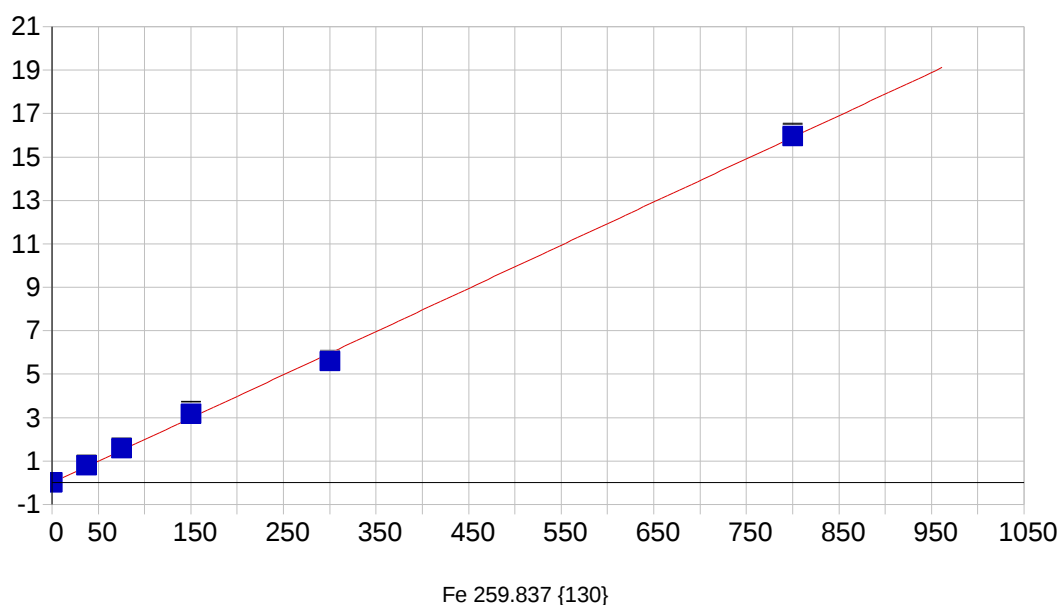


Cu 324.754 {104}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.135695 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998895 Status: OK.
 Std Error of Est: 0.000293
 Predicted MDL: 0.002998
 Predicted MQL: 0.009994

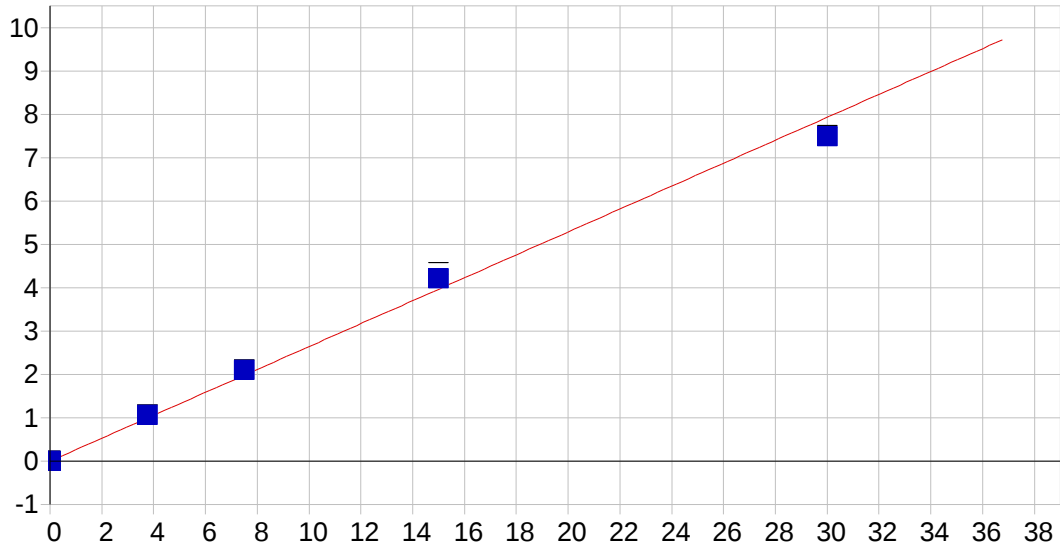
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.02500	.02709	.002	8.37	.00369	.000	1
S2	3.7500	3.8618	.112	2.98	.52372	.001	1
S3	7.5000	7.7537	.254	3.38	1.0515	.002	1
S4	15.000	15.923	.923	6.15	2.1594	.071	1
S5	30.000	28.709	-1.29	-4.30	3.8932	.017	1



Date of Fit: 3/26/2018 14:31:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.019884 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999186 Status: OK.
 Std Error of Est: 0.000352
 Predicted MDL: 0.010694
 Predicted MQL: 0.035647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00001	.000	1
S1	.10000	.11847	.018	18.5	.00238	.000	1
S2	37.500	40.229	2.73	7.28	.80389	.005	1
S3	75.000	79.675	4.68	6.23	1.5922	.006	1
S4	150.00	159.57	9.57	6.38	3.1889	.100	1
S5	300.00	281.53	-18.5	-6.16	5.6299	.009	1
S6	800.00	801.47	1.47	.184	16.009	.088	1

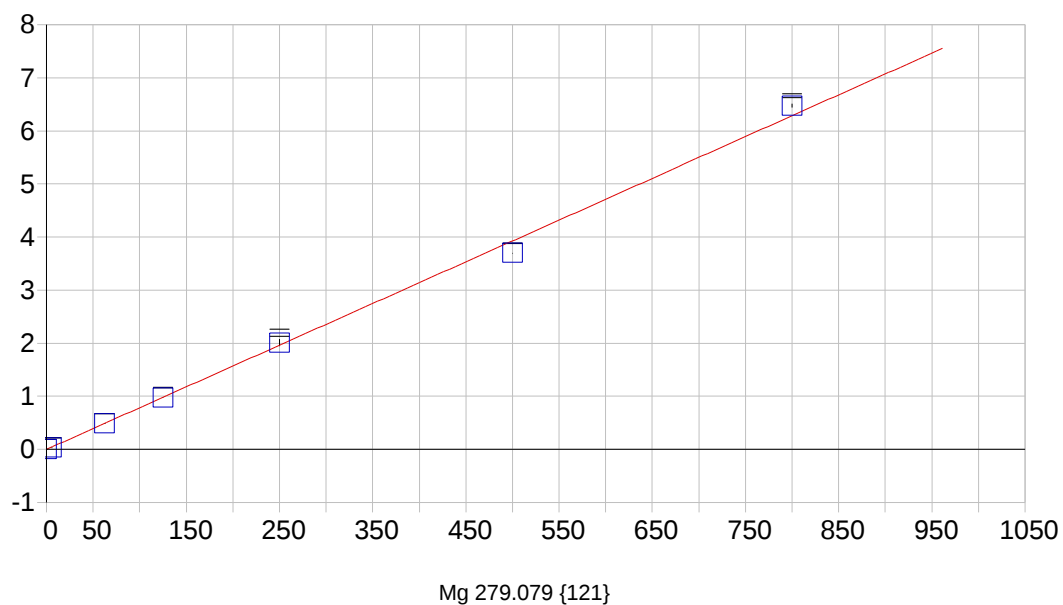


Mn 257.610 {131}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.264304 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998210 Status: OK.
 Std Error of Est: 0.000563
 Predicted MDL: 0.000713
 Predicted MQL: 0.002376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01500	.01592	.001	6.16	.00417	.000	1
S2	3.7500	4.0259	.276	7.36	1.0642	.006	1
S3	7.5000	7.9557	.456	6.08	2.1031	.005	1
S4	15.000	15.948	.948	6.32	4.2160	.132	1
S5	30.000	28.319	-1.68	-5.60	7.4867	.024	1



Date of Fit: 3/26/2018 14:31:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000072

Re-Slope: 1.000000

A1 (Gain): 0.007855

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999263

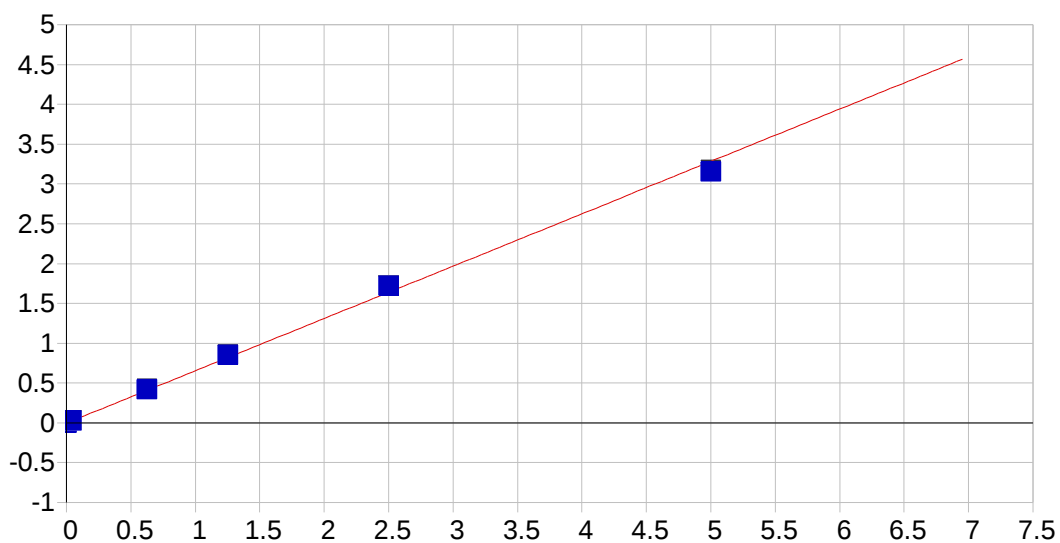
Status: OK.

Std Error of Est: 0.001053

Predicted MDL: 0.032459

Predicted MQL: 0.108198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	-.00007	.000	1
S1	5.0000	4.7430	-.257	-5.14	.03718	.000	1
S2	62.500	61.884	-.616	-.986	.48604	.003	1
S3	125.00	124.47	-.527	-.421	.97769	.004	1
S4	250.00	255.99	5.99	2.40	2.0108	.065	1
S5	500.00	471.12	-28.9	-5.78	3.7007	.005	1
S6	800.00	824.29	24.3	3.04	6.4749	.032	1

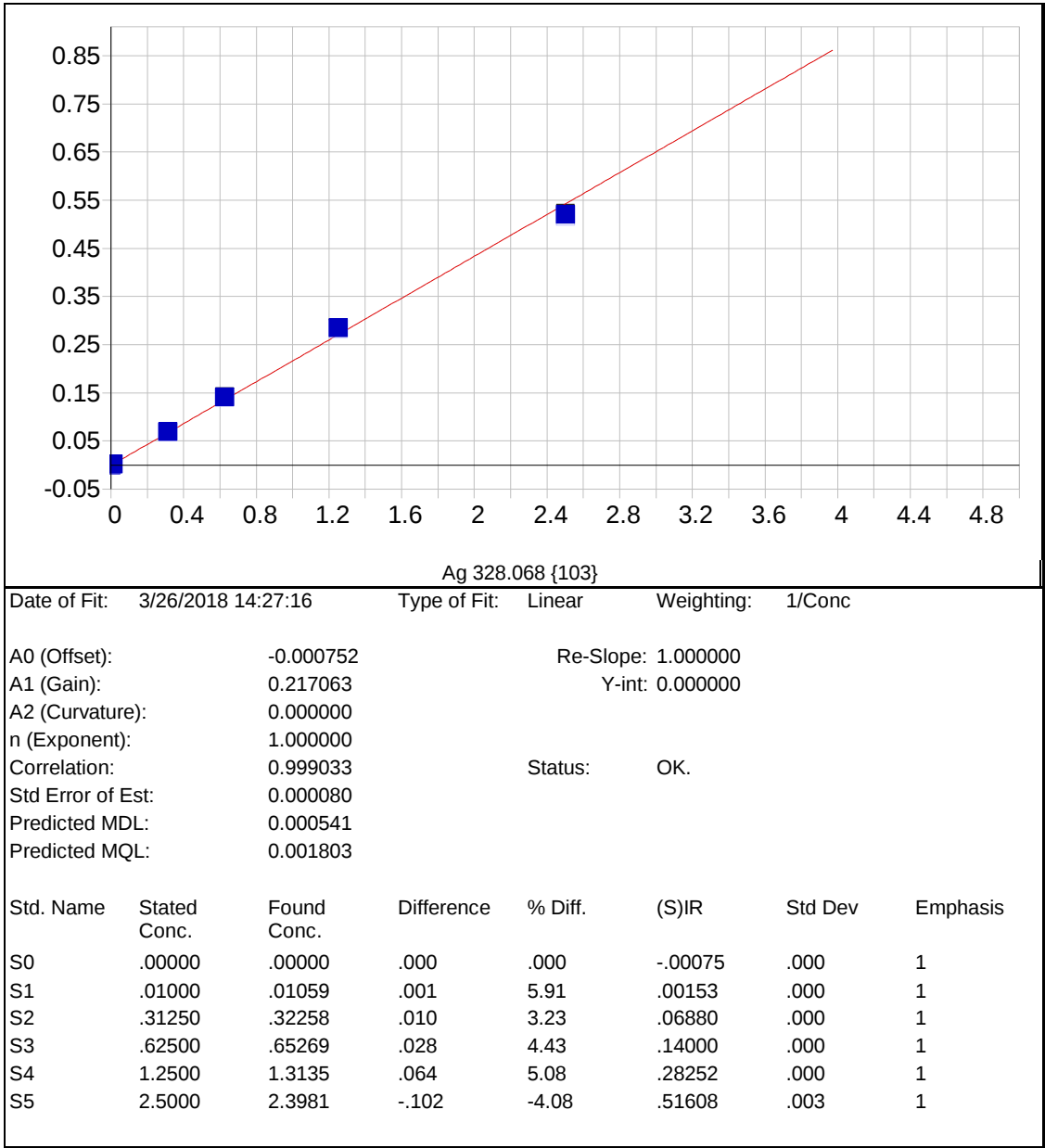


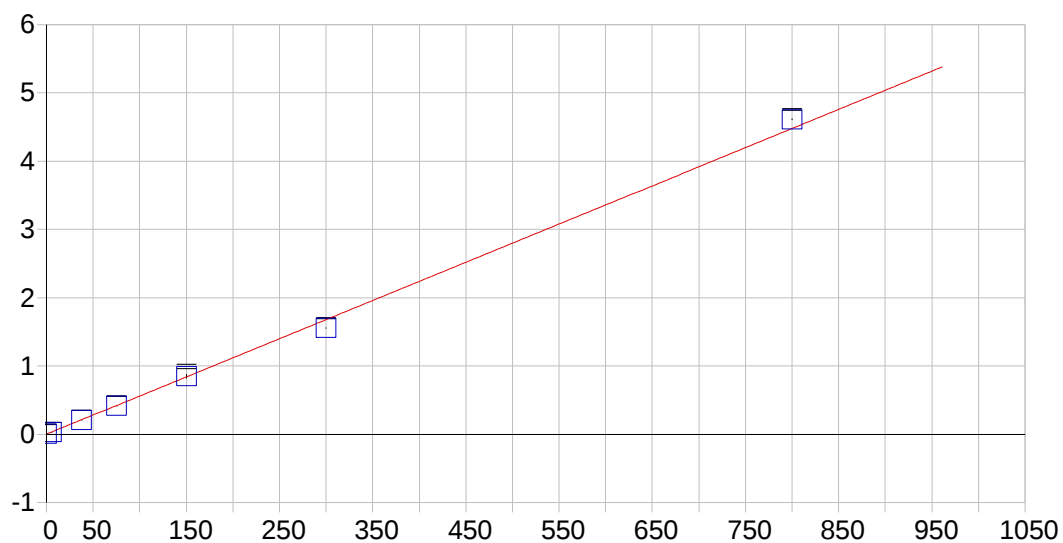
Ni 231.604 {446}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002600 Re-Slope: 1.000000
 A1 (Gain): 0.657043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999129 Status: OK.
 Std Error of Est: 0.000653
 Predicted MDL: 0.000394
 Predicted MQL: 0.001313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00260	.000	1
S1	.04000	.04022	.000	.559	.02384	.000	1
S2	.62500	.64624	.021	3.40	.42285	.002	1
S3	1.2500	1.3033	.053	4.26	.85542	.002	1
S4	2.5000	2.6208	.121	4.83	1.7227	.001	1
S5	5.0000	4.8044	-.196	-3.91	3.1609	.013	1



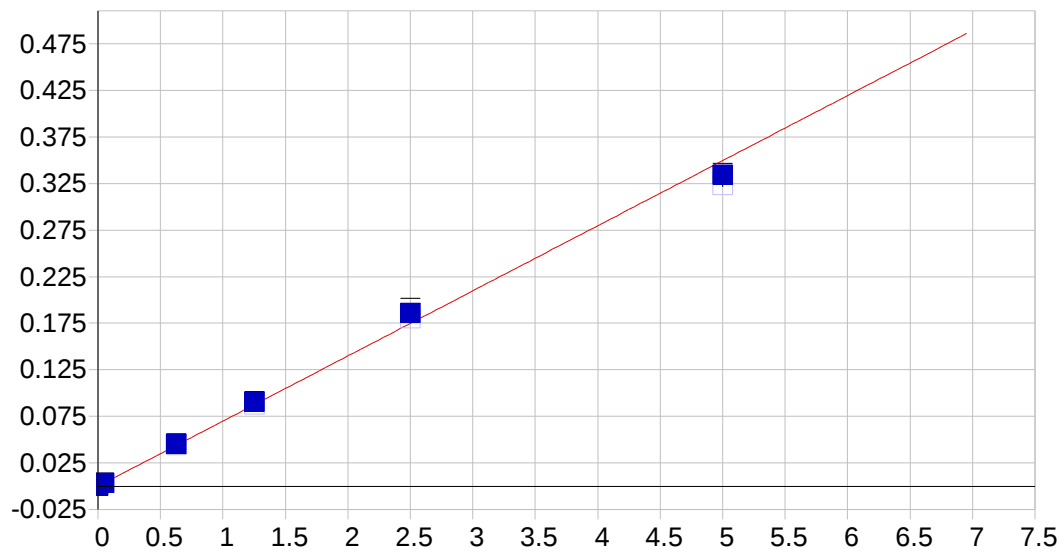


Na 818.326 { 41}

Date of Fit: 3/26/2018 14:31:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000936 Re-Slope: 1.000000
 A1 (Gain): 0.005597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999080 Status: OK.
 Std Error of Est: 0.000743
 Predicted MDL: 0.295604
 Predicted MQL: 0.985346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	.00094	.001	1
S1	5.0000	4.8380	-.162	-3.24	.02802	.001	1
S2	37.500	36.394	-1.11	-2.95	.20464	.001	1
S3	75.000	73.411	-1.59	-2.12	.41184	.001	1
S4	150.00	151.49	1.49	.993	.84886	.032	1
S5	300.00	277.35	-22.7	-7.55	1.5533	.007	1
S6	800.00	824.02	24.0	3.00	4.6132	.009	1

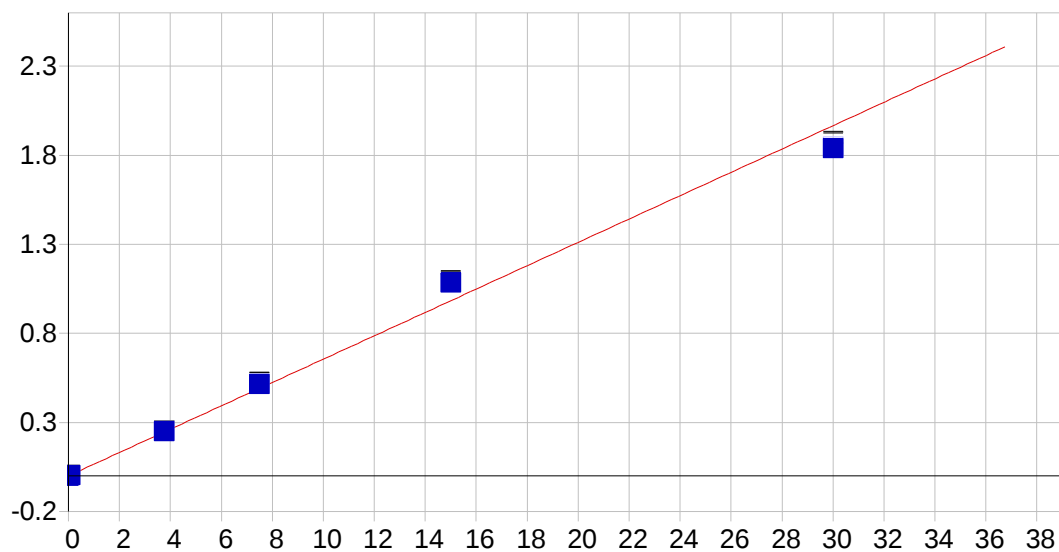


V 292.402 {115}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.069893 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998781 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.004041
 Predicted MQL: 0.013469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.05000	.04665	-.003	-6.69	.00331	.000	1
S2	.62500	.64447	.019	3.12	.04366	.000	1
S3	1.2500	1.2924	.042	3.39	.08750	.001	1
S4	2.5000	2.6576	.158	6.30	.18004	.005	1
S5	5.0000	4.7840	-.216	-4.32	.32289	.002	1

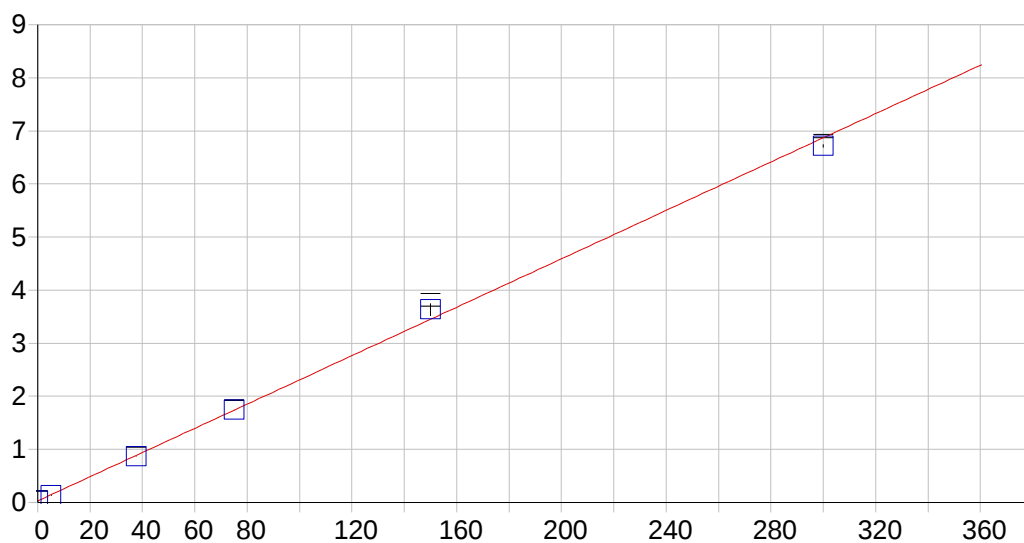


Zn 213.856 {158}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.065562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997368 Status: OK.
 Std Error of Est: 0.000341
 Predicted MDL: 0.006068
 Predicted MQL: 0.020227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.06000	.05811	-.002	-3.14	.00370	.001	1
S2	3.7500	3.8235	.074	1.96	.25171	.001	1
S3	7.5000	7.8397	.340	4.53	.51618	.011	1
S4	15.000	16.535	1.54	10.2	1.0886	.008	1
S5	30.000	28.053	-1.95	-6.49	1.8484	.031	1

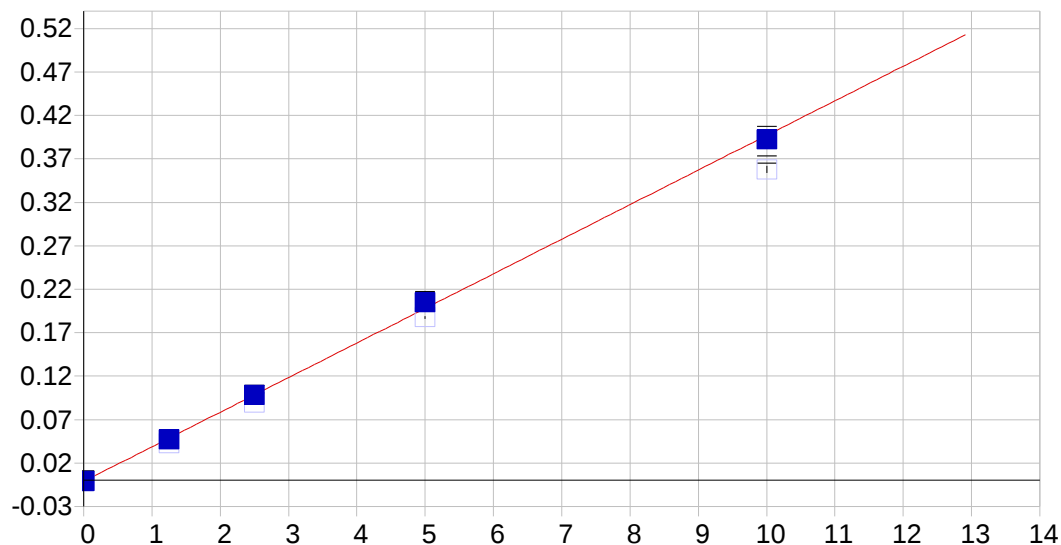


K 769.896 { 44}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.029816	Re-Slope: 1.000000
A1 (Gain):	0.022799	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999435	Status: OK.
Std Error of Est:	0.001580	
Predicted MDL:	0.063075	
Predicted MQL:	0.210250	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00041	.000	.000	.02983	.001	1
S1	5.0000	4.5435	-.457	-9.13	.13340	.001	1
S2	37.500	36.681	-.819	-2.18	.86612	.004	1
S3	75.000	75.100	.100	.133	1.7420	.005	1
S4	150.00	158.00	8.00	5.33	3.6320	.123	1
S5	300.00	293.18	-6.82	-2.27	6.7141	.032	1

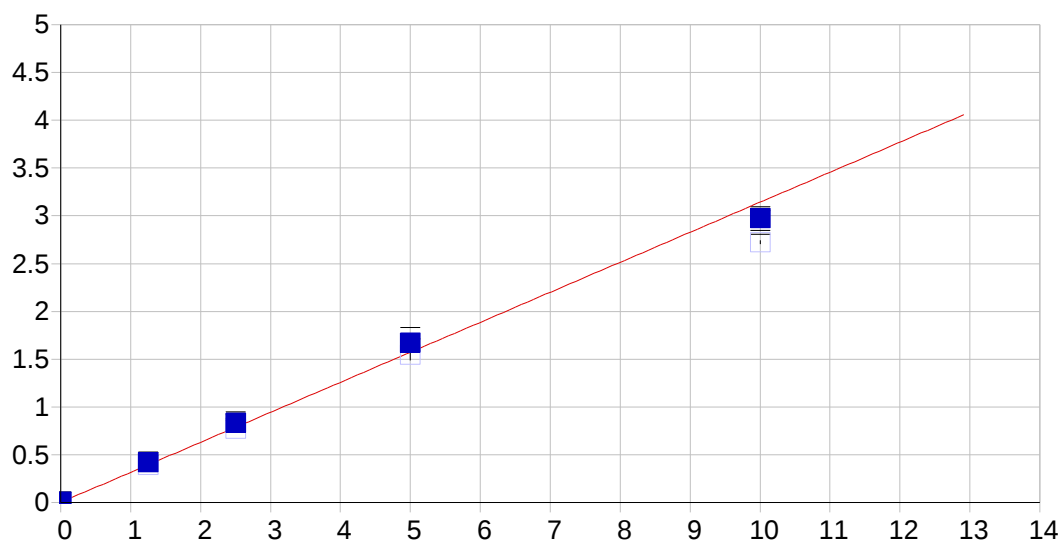


P 177.495 {490}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001131 Re-Slope: 1.000000
 A1 (Gain): 0.039810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002625
 Predicted MQL: 0.008750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.01000	.01143	.001	14.3	-.00070	.000	1
S2	1.2500	1.2078	-.042	-3.37	.04266	.000	1
S3	2.5000	2.4897	-.010	-.410	.08940	.000	1
S4	5.0000	5.1703	.170	3.41	.18753	.001	1
S5	10.000	9.8807	-.119	-1.19	.35788	.004	1

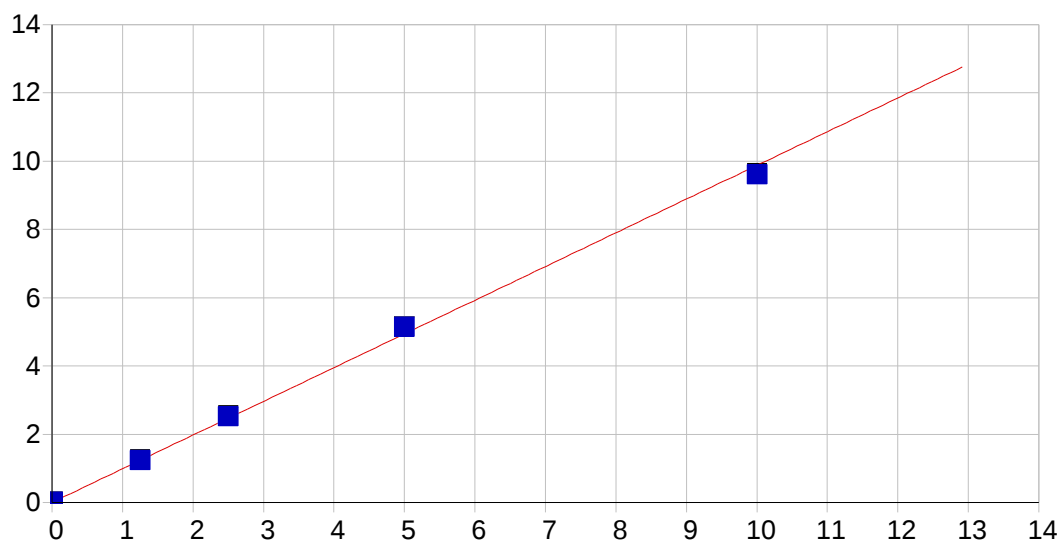


B 249.678 {135}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001731 Re-Slope: 1.000000
 A1 (Gain): 0.314043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998017 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.001198
 Predicted MQL: 0.003995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00173	.000	1
S1	.01000	.00956	.000	-4.43	.00467	.000	1
S2	1.2500	1.3345	.085	6.76	.38974	.002	1
S3	2.5000	2.6424	.142	5.69	.76936	.014	1
S4	5.0000	5.3161	.316	6.32	1.5468	.058	1
S5	10.000	9.4574	-.543	-5.43	2.7230	.020	1

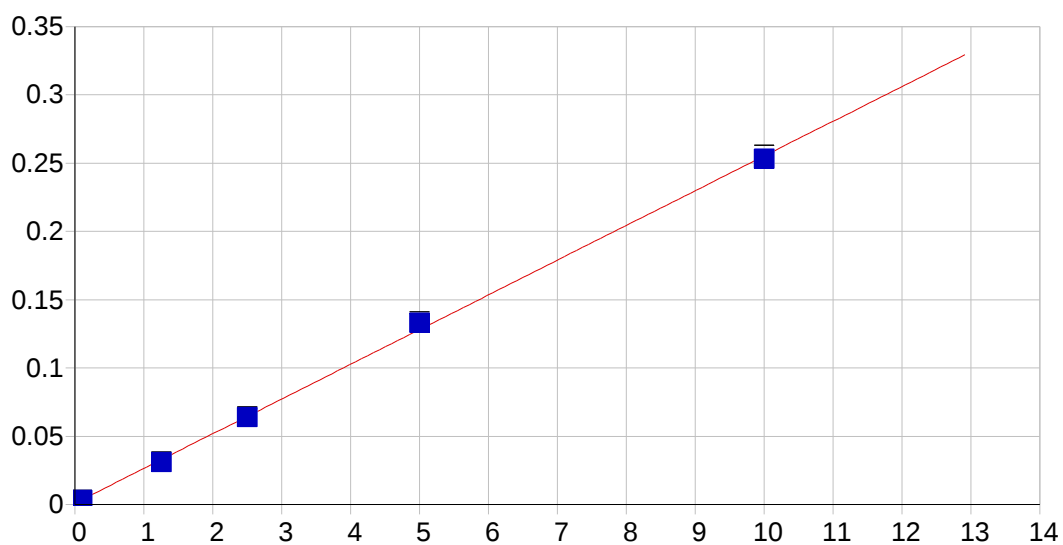


Mo 202.030 {467}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.987730 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.000499
 Predicted MDL: 0.000265
 Predicted MQL: 0.000882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.00951	.000	-4.87	.00956	.000	1
S2	1.2500	1.2569	.007	.549	1.2416	.005	1
S3	2.5000	2.5521	.052	2.09	2.5209	.012	1
S4	5.0000	5.2090	.209	4.18	5.1451	.008	1
S5	10.000	9.7325	-.268	-2.68	9.6128	.038	1

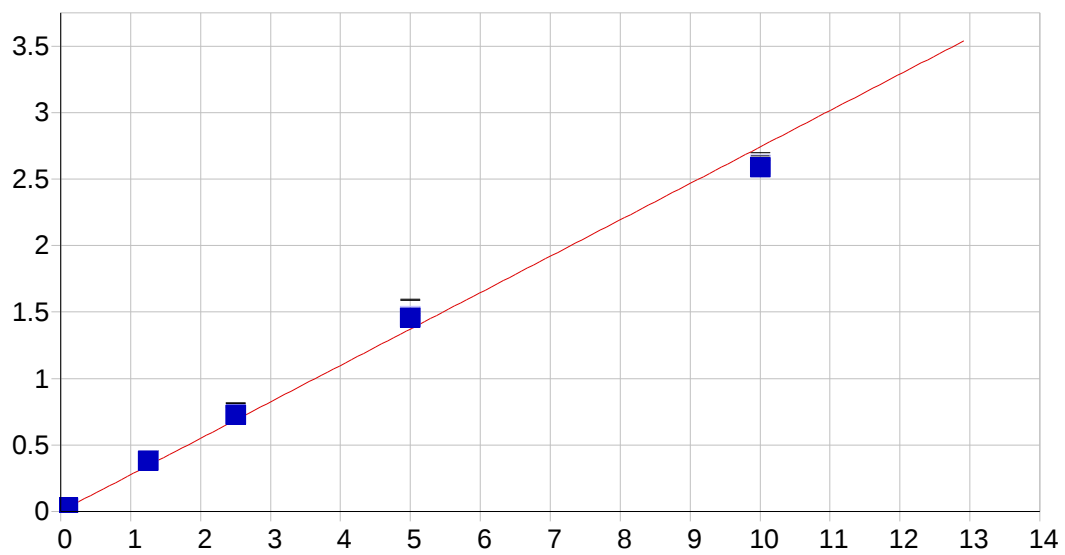


S 182.034 {485}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000946 Re-Slope: 1.000000
 A1 (Gain): 0.025434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.004311
 Predicted MQL: 0.014371

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00095	.000	1
S1	.10000	.08417	-.016	-15.8	.00309	.000	1
S2	1.2500	1.1836	-.066	-5.32	.03106	.000	1
S3	2.5000	2.4704	-.030	-1.18	.06380	.001	1
S4	5.0000	5.1920	.192	3.84	.13304	.001	1
S5	10.000	9.9198	-.080	-.802	.25333	.003	1

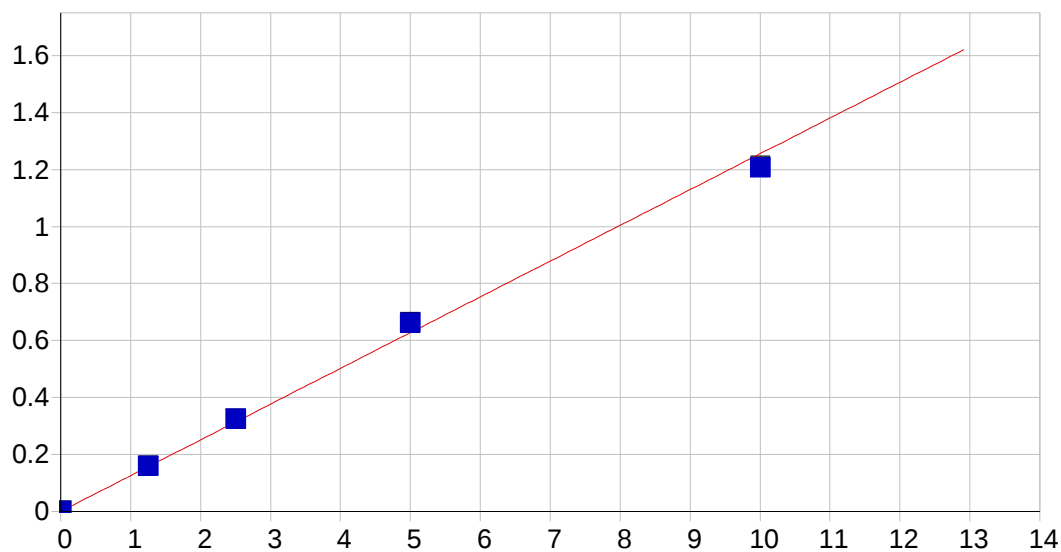


Si 251.611 {134}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002749 Re-Slope: 1.000000
 A1 (Gain): 0.273843 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998094 Status: OK.
 Std Error of Est: 0.000907
 Predicted MDL: 0.001393
 Predicted MQL: 0.004643

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00275	.001	1
S1	.10000	.09384	-.006	-6.16	.02854	.000	1
S2	1.2500	1.3789	.129	10.3	.38315	.002	1
S3	2.5000	2.6347	.135	5.39	.72986	.014	1
S4	5.0000	5.3138	.314	6.28	1.4691	.054	1
S5	10.000	9.4287	-.571	-5.71	2.6072	.018	1

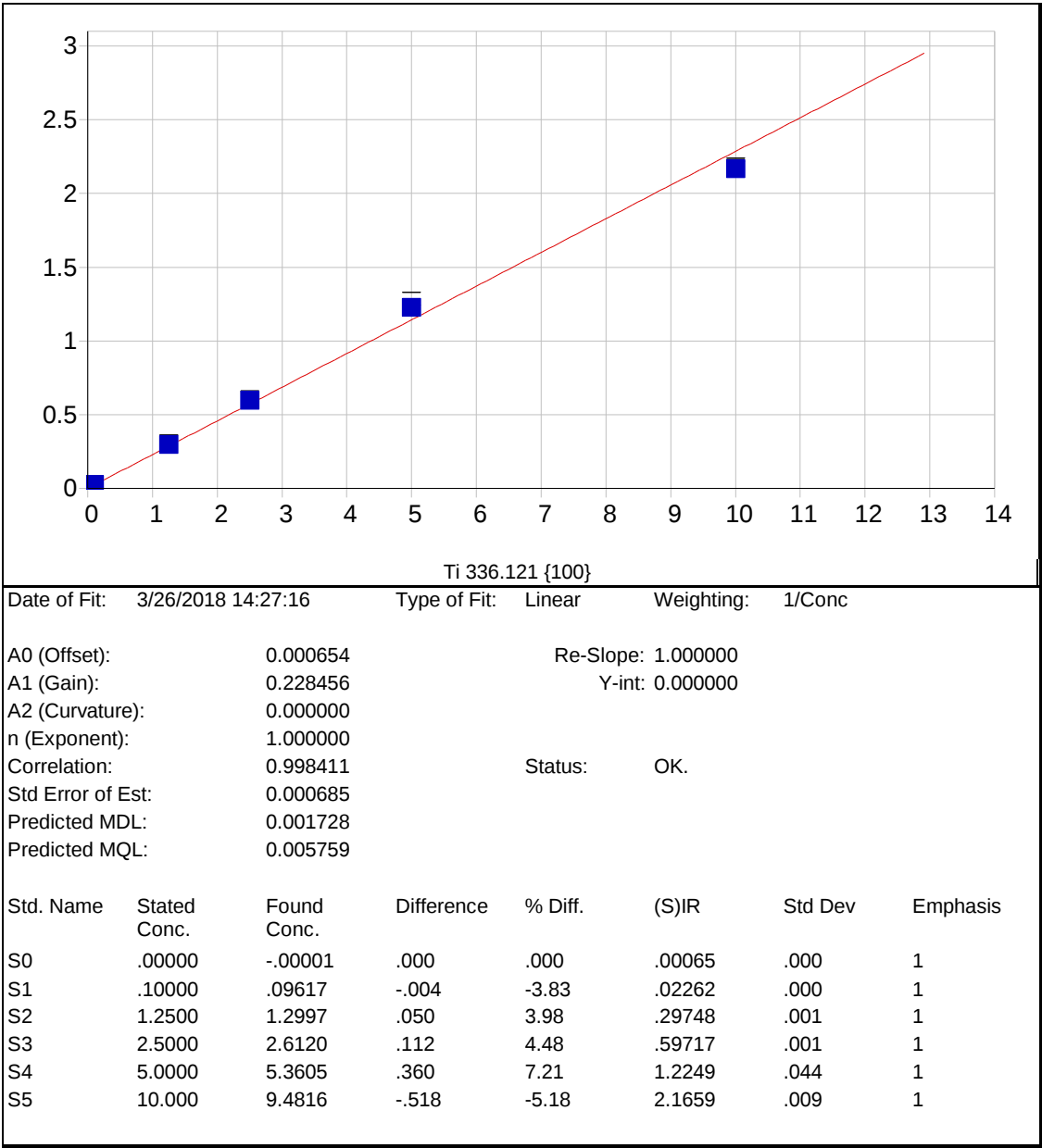


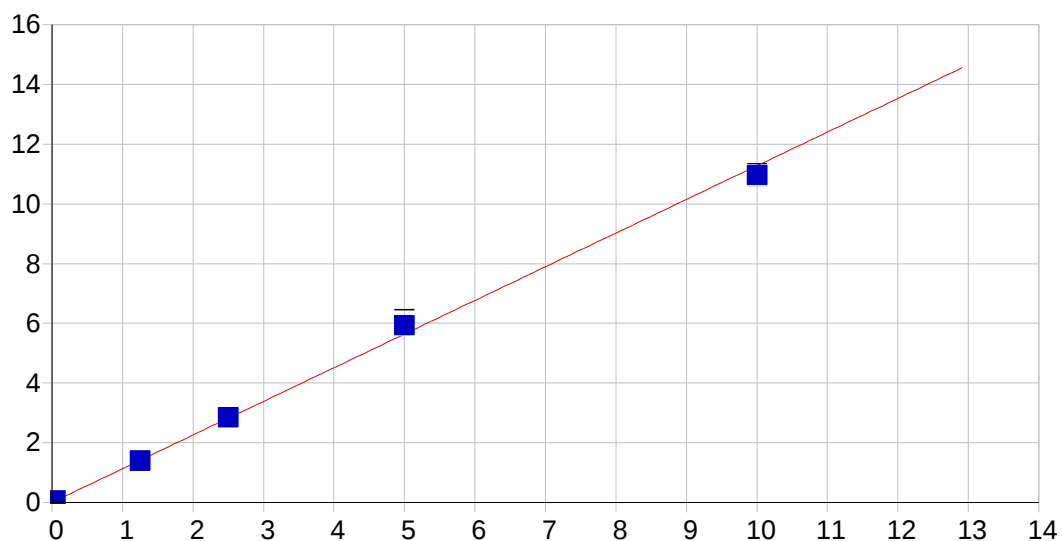
Sn 189.989 {478}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.125502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999122 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000923
 Predicted MQL: 0.003077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00700	.00690	.000	-1.36	.00115	.000	1
S2	1.2500	1.2680	.018	1.44	.15911	.001	1
S3	2.5000	2.5879	.088	3.52	.32441	.001	1
S4	5.0000	5.2742	.274	5.48	.66085	.002	1
S5	10.000	9.6200	-.380	-3.80	1.2049	.004	1





Li 670.784 { 50}

Date of Fit: 3/26/2018 14:27:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004395 Re-Slope: 1.000000
 A1 (Gain): 1.127138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999411 Status: OK.
 Std Error of Est: 0.001444
 Predicted MDL: 0.001491
 Predicted MQL: 0.004972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00440	.001	1
S5	10.000	9.7285	-.271	-2.71	10.906	.043	1
S4	5.0000	5.2652	.265	5.30	5.9073	.201	1
S3	2.5000	2.5212	.021	.848	2.8303	.004	1
S2	1.2500	1.2381	-.012	-.952	1.3920	.002	1
S1	.05000	.04701	-.003	-5.99	.05726	.002	1



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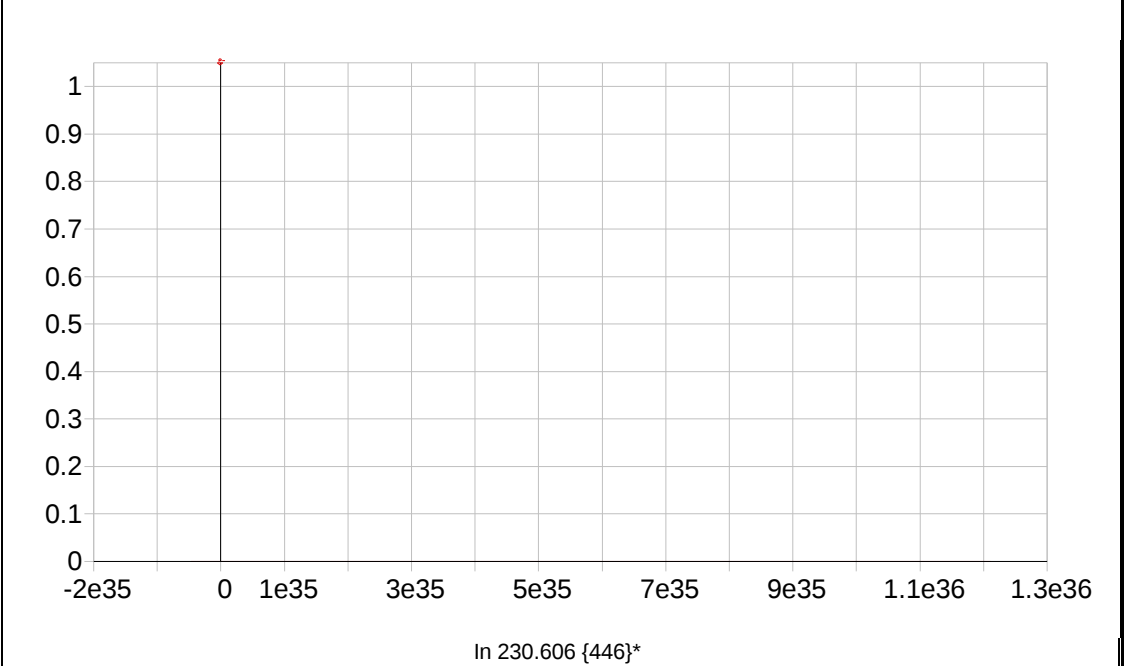
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



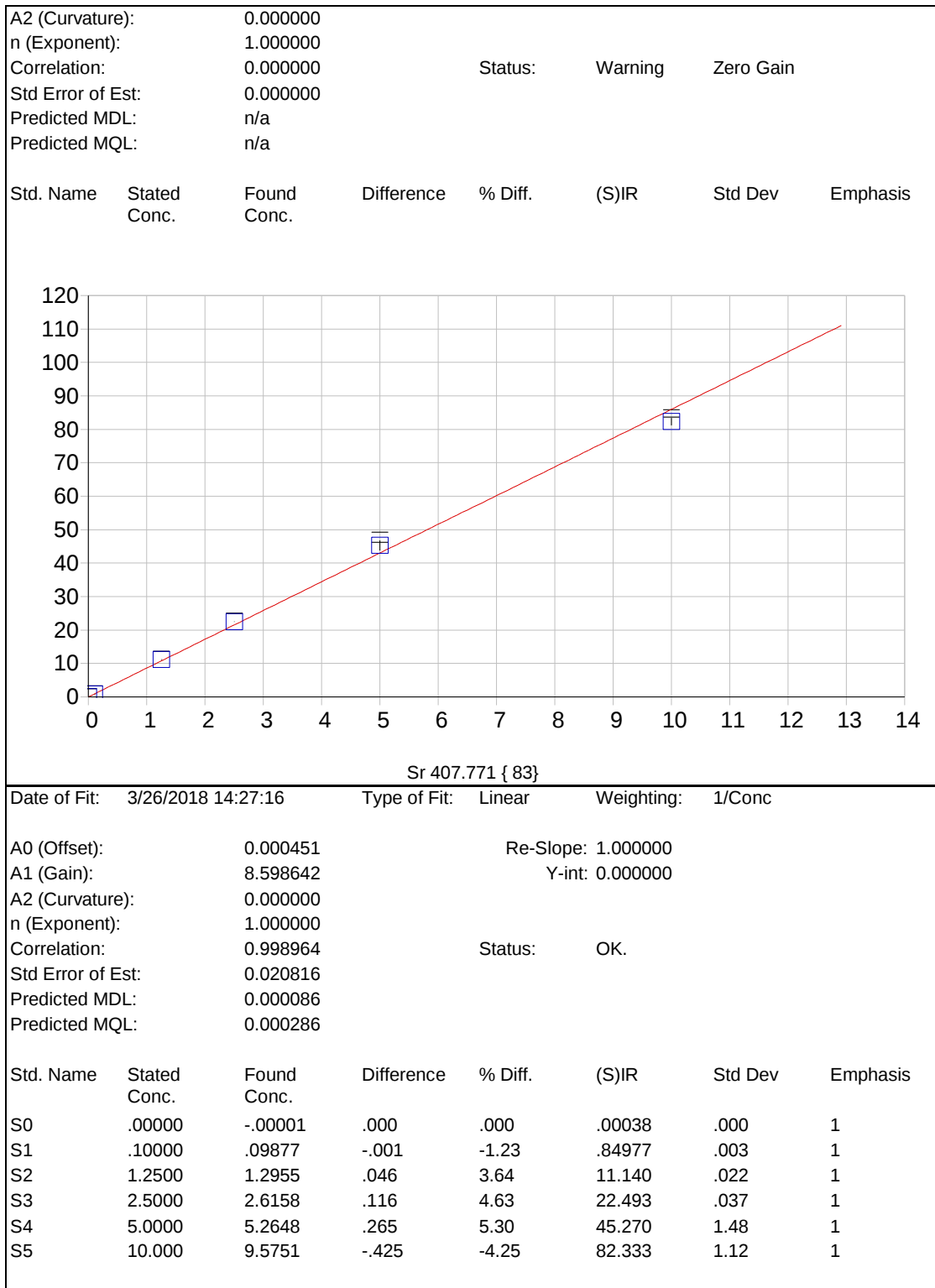


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 3/26/2018 14:03:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 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	-.00015	-.00040	-.00019	.00019	.00095	.00080	-.00633	-.00245
Stddev	.00013	.00007	.00006	.00016	.00020	.00049	.00115	.00025
%RSD	87.422	18.051	31.063	81.687	21.167	61.477	18.099	10.100

#1	-.00029	-.00037	-.00025	.00001	.00073	.00132	-.00544	-.00253
#2	-.00013	-.00048	-.00017	.00031	.00101	.00070	-.00762	-.00218
#3	-.00003	-.00035	-.00014	.00026	.00112	.00036	-.00593	-.00265

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	.00093	.00179	-.00001	-.00051	.00002	-.00001	-.00004	-.00007
Stddev	.00016	.00011	.00003	.00013	.00011	.00007	.00012	.00026
%RSD	17.187	6.2200	189.92	25.484	626.08	498.99	285.64	372.80

#1	.00088	.00169	.00001	-.00067	.00005	-.00005	.00007	-.00037
#2	.00110	.00191	-.00004	-.00044	.00011	.00007	-.00016	.00007
#3	.00080	.00178	-.00001	-.00044	-.00010	-.00006	-.00003	.00009

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	-.00260	-.00075	.00094	.00006	-.00012	.02983	-.00113	.00173
Stddev	.00010	.00007	.00106	.00016	.00015	.00077	.00007	.00021
%RSD	3.8112	9.5263	113.29	287.09	127.60	2.5937	6.0643	12.357

#1	-.00271	-.00072	.00170	-.00008	-.00016	.03057	-.00115	.00198
#2	-.00252	-.00084	-.00028	.00002	-.00026	.02988	-.00106	.00164
#3	-.00257	-.00071	.00140	.00023	.00005	.02903	-.00119	.00158

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	.00095	.00275	.00032	.00065	.00440	.00038	
Stddev	.00007	.00009	.00054	.00007	.00027	.00118	.00029	
%RSD	45.131	9.8740	19.766	21.682	42.064	26.792	77.022	

#1	.00020	.00094	.00274	.00024	.00086	.00565	.00006	
#2	.00008	.00104	.00221	.00034	.00075	.00422	.00046	
#3	.00022	.00085	.00329	.00037	.00034	.00331	.00063	

Sample Name: S0 Acquired: 3/26/2018 14:03:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.9	2468.7	48686.	7260.6	3833.2
Stddev	28.3	30.6	458.	71.8	51.5
%RSD	1.3916	1.2385	.94027	.98941	1.3425
#1	2024.9	2481.7	48682.	7179.7	3850.5
#2	2011.1	2433.8	48229.	7316.9	3775.3
#3	2065.6	2490.7	49145.	7285.3	3873.8

Sample Name: S1 Acquired: 3/26/2018 14:07:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00020	.00137	.00122	.00251	.01169	.01421	.65710	.02381
Stddev	.00002	.00012	.00001	.00016	.00039	.00047	.00268	.00012
%RSD	9.6535	8.9519	.56340	6.5588	3.3680	3.2807	.40746	.49793

#1	.00020	.00137	.00122	.00254	.01128	.01433	.65731	.02391
#2	.00022	.00149	.00123	.00267	.01174	.01370	.65967	.02368
#3	.00018	.00125	.00121	.00234	.01206	.01461	.65432	.02385

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	.01429	.18202	.00166	.03230	.00369	.00238	.00417	.03718
Stddev	.00025	.00068	.00003	.00040	.00049	.00015	.00027	.00008
%RSD	1.7766	.37505	1.7977	1.2416	13.178	6.1074	6.4240	.21656

#1	.01454	.18126	.00169	.03229	.00348	.00227	.00389	.03710
#2	.01430	.18225	.00163	.03270	.00424	.00255	.00442	.03726
#3	.01403	.18257	.00168	.03190	.00334	.00233	.00420	.03719

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	.02384	.00153	.02802	.00331	.00370	.13340	-.00070	.00467
Stddev	.00030	.00008	.00109	.00006	.00054	.00132	.00005	.00011
%RSD	1.2592	5.3638	3.9050	1.8436	14.669	.99084	6.5732	2.3558

#1	.02399	.00163	.02821	.00338	.00418	.13332	-.00067	.00455
#2	.02404	.00149	.02684	.00328	.00382	.13477	-.00068	.00477
#3	.02350	.00148	.02900	.00327	.00311	.13213	-.00076	.00468

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	.00956	.00309	.02854	.00115	.02262	.05726	.84977	
Stddev	.00028	.00015	.00050	.00007	.00018	.00173	.00271	
%RSD	2.9134	4.7708	1.7480	5.7938	.81616	3.0248	.31936	

#1	.00986	.00326	.02823	.00113	.02281	.05900	.85246	
#2	.00950	.00299	.02827	.00110	.02245	.05725	.84982	
#3	.00931	.00301	.02912	.00122	.02259	.05554	.84703	

Sample Name: S1 Acquired: 3/26/2018 14:07:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.2	2498.2	48865.	7313.3	3869.7
Stddev	6.7	17.2	73.	28.3	27.5
%RSD	.32845	.68841	.14892	.38674	.70958
#1	2042.4	2499.9	48781.	7326.4	3858.6
#2	2042.2	2480.3	48916.	7332.7	3849.6
#3	2054.0	2514.5	48897.	7280.8	3901.0

Sample Name: S2 Acquired: 3/26/2018 14:11:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.04760	.08989	.98118	.08528	.23524	2.7172	8.6005	.65431
Stddev	.00031	.00011	.00403	.00044	.00112	.0105	.0213	.00119
%RSD	.65684	.12325	.41041	.51243	.47627	.38676	.24808	.18230

#1	.04775	.09001	.98570	.08576	.23646	2.7260	8.5771	.65526
#2	.04724	.08988	.97799	.08515	.23425	2.7199	8.6056	.65470
#3	.04781	.08979	.97983	.08492	.23501	2.7056	8.6188	.65297

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	1.7113	2.3068	.60542	.44206	.52372	.80389	1.0642	.48604
Stddev	.0076	.0080	.00118	.00142	.00145	.00460	.0061	.00319
%RSD	.44129	.34760	.19562	.32087	.27676	.57187	.57271	.65661

#1	1.7200	2.2987	.60406	.44368	.52420	.80053	1.0580	.48403
#2	1.7073	2.3070	.60601	.44101	.52487	.80201	1.0646	.48437
#3	1.7066	2.3148	.60620	.44151	.52209	.80913	1.0701	.48972

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	.42285	.06880	.20464	.04366	.25171	.86612	.04266	.38974
Stddev	.00153	.00008	.00126	.00049	.00104	.00350	.00022	.00200
%RSD	.36248	.11800	.61414	1.1255	.41215	.40426	.51493	.51435

#1	.42460	.06871	.20504	.04362	.25071	.86848	.04263	.39119
#2	.42174	.06884	.20324	.04417	.25165	.86779	.04246	.39059
#3	.42222	.06886	.20565	.04319	.25278	.86210	.04289	.38746

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	1.2416	.03106	.38315	.15911	.29748	1.3920	11.140	
Stddev	.0051	.00009	.00152	.00058	.00146	.0023	.022	
%RSD	.41028	.29521	.39737	.36303	.48967	.16553	.19722	

#1	1.2461	.03109	.38381	.15975	.29762	1.3930	11.165	
#2	1.2361	.03096	.38422	.15862	.29886	1.3936	11.126	
#3	1.2425	.03113	.38141	.15896	.29596	1.3894	11.129	

Sample Name: S2 Acquired: 3/26/2018 14:11:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.3	2367.3	47542.	7187.6	3481.7
Stddev	7.8	9.1	24.	37.7	9.5
%RSD	.39556	.38611	.04996	.52399	.27145
#1	1955.7	2357.3	47528.	7146.7	3470.9
#2	1960.4	2375.3	47569.	7195.1	3486.4
#3	1970.9	2369.3	47528.	7220.9	3488.0

Sample Name: S3 Acquired: 3/26/2018 14:15:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.09779	.17943	1.9863	.17360	.48296	5.5232	17.375	1.2837
Stddev	.00038	.00072	.0049	.00114	.00298	.0116	.011	.0224
%RSD	.38933	.40126	.24649	.65901	.61778	.21046	.06321	1.7431

#1	.09758	.17933	1.9841	.17243	.48119	5.5151	17.382	1.3030
#2	.09755	.17876	1.9829	.17366	.48128	5.5179	17.363	1.2890
#3	.09823	.18019	1.9919	.17471	.48640	5.5365	17.382	1.2592

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	3.4401	4.5780	1.2088	.89822	1.0515	1.5922	2.1031	.97769
Stddev	.0043	.0083	.0079	.00116	.0023	.0061	.0047	.00422
%RSD	.12638	.18094	.65392	.12964	.22022	.38466	.22250	.43116

#1	3.4424	4.5826	1.2028	.89773	1.0489	1.5986	2.1064	.98027
#2	3.4351	4.5830	1.2058	.89739	1.0532	1.5917	2.1053	.97997
#3	3.4428	4.5685	1.2177	.89956	1.0524	1.5863	2.0978	.97282

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	.85542	.14000	.41184	.08750	.51618	1.7420	.08940	.76936
Stddev	.00158	.00018	.00114	.00052	.01122	.0049	.00045	.01411
%RSD	.18427	.12588	.27662	.59579	2.1734	.28139	.50724	1.8345

#1	.85436	.13984	.41076	.08707	.50889	1.7367	.08973	.78147
#2	.85466	.14019	.41173	.08736	.51055	1.7432	.08888	.77275
#3	.85723	.13996	.41303	.08808	.52910	1.7463	.08960	.75386

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	2.5209	.06380	.72986	.32441	.59717	2.8303	22.493	
Stddev	.0116	.00057	.01380	.00087	.00080	.0036	.037	
%RSD	.45838	.89499	1.8908	.26929	.13338	.12666	.16313	

#1	2.5122	.06371	.74229	.32356	.59629	2.8333	22.511	
#2	2.5164	.06328	.73229	.32435	.59783	2.8263	22.518	
#3	2.5340	.06441	.71501	.32531	.59739	2.8312	22.451	

Sample Name: S3 Acquired: 3/26/2018 14:15:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.5	2270.8	46860.	7175.0	3310.9
Stddev	12.6	5.3	345.	83.0	2.1
%RSD	.65741	.23541	.73526	1.1568	.06452
#1	1932.8	2275.2	47253.	7104.2	3309.6
#2	1921.2	2272.5	46714.	7154.5	3313.3
#3	1907.6	2264.9	46612.	7266.3	3309.7

Sample Name: S4 Acquired: 3/26/2018 14:19:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 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	.20268	.35540	4.0228	.35454	.99988	11.585	35.748	2.5805
Stddev	.00117	.00252	.0070	.00169	.00165	.397	1.165	.0957
%RSD	.57951	.70978	.17514	.47703	.16516	3.4279	3.2591	3.7093

#1	.20132	.35305	4.0155	.35260	.99798	12.043	37.093	2.6897
#2	.20339	.35807	4.0233	.35572	1.0009	11.334	35.114	2.5409
#3	.20332	.35508	4.0296	.35529	1.0007	11.379	35.038	2.5110

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	6.9117	9.3248	2.3919	1.8153	2.1594	3.1889	4.2160	2.0108
Stddev	.0117	.3053	.0022	.0033	.0709	.0995	.1324	.0654
%RSD	.16984	3.2736	.09401	.18148	3.2844	3.1215	3.1409	3.2509

#1	6.9006	9.6773	2.3916	1.8129	2.2413	3.3038	4.3688	2.0862
#2	6.9107	9.1476	2.3898	1.8139	2.1193	3.1320	4.1366	1.9737
#3	6.9240	9.1496	2.3943	1.8191	2.1177	3.1308	4.1424	1.9724

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	1.7227	.28252	.84886	.18004	1.0886	3.6320	.18753	1.5468
Stddev	.0015	.00039	.03217	.00513	.0081	.1235	.00145	.0582
%RSD	.08573	.13633	3.7903	2.8482	.74685	3.3995	.77117	3.7630

#1	1.7217	.28209	.88601	.18585	1.0861	3.7746	.18646	1.6126
#2	1.7221	.28262	.83072	.17616	1.0820	3.5613	.18917	1.5261
#3	1.7244	.28283	.82986	.17810	1.0977	3.5603	.18696	1.5019

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	5.1451	.13304	1.4691	.66085	1.2249	5.9073	45.270	
Stddev	.0082	.00062	.0544	.00207	.0436	.2008	1.478	
%RSD	.16015	.46407	3.6996	.31380	3.5606	3.3988	3.2658	

#1	5.1368	.13258	1.5307	.65894	1.2750	6.1391	46.966	
#2	5.1451	.13374	1.4487	.66305	1.1960	5.7935	44.252	
#3	5.1533	.13280	1.4279	.66056	1.2036	5.7893	44.593	

Sample Name: S4 Acquired: 3/26/2018 14:19:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.4	2117.9	45488.	6957.5	3065.8
Stddev	10.8	.9	302.	229.2	2.4
%RSD	.59523	.04268	.66451	3.2948	.07766
#1	1822.6	2117.6	45666.	6692.9	3068.5
#2	1828.2	2119.0	45659.	7093.9	3065.1
#3	1807.3	2117.3	45139.	7085.8	3063.9

Sample Name: S5 Acquired: 3/26/2018 14:23:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.39380	.64625	7.5414	.67898	1.9487	21.153	64.159	4.6936
Stddev	.00174	.00535	.0249	.00545	.0050	.086	1.079	.0378
%RSD	.44123	.82761	.33020	.80206	.25411	.40551	1.6811	.80443

#1	.39237	.64109	7.5226	.67423	1.9461	21.252	65.364	4.6761
#2	.39328	.64590	7.5320	.67778	1.9456	21.114	63.830	4.7369
#3	.39573	.65177	7.5697	.68492	1.9544	21.094	63.283	4.6677

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	12.650	16.644	4.2060	3.3433	3.8932	5.6299	7.4867	3.7007
Stddev	.060	.065	.0095	.0131	.0169	.0088	.0242	.0048
%RSD	.47756	.39247	.22654	.39221	.43323	.15692	.32346	.12915

#1	12.604	16.719	4.2002	3.3373	3.9108	5.6387	7.5145	3.7055
#2	12.627	16.602	4.2170	3.3342	3.8917	5.6211	7.4703	3.7004
#3	12.718	16.611	4.2008	3.3583	3.8771	5.6299	7.4753	3.6960

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	3.1609	.51608	1.5533	.32289	1.8484	6.7141	.35788	2.7230
Stddev	.0127	.00312	.0067	.00171	.0308	.0317	.00398	.0204
%RSD	.40148	.60507	.42959	.53097	1.6667	.47149	1.1129	.75113

#1	3.1542	.51499	1.5607	.32429	1.8561	6.7454	.35461	2.7113
#2	3.1529	.51365	1.5514	.32341	1.8144	6.7148	.35673	2.7466
#3	3.1755	.51960	1.5478	.32098	1.8746	6.6821	.36232	2.7112

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	9.6128	.25333	2.6072	1.2049	2.1659	10.906	82.333	
Stddev	.0381	.00256	.0183	.0045	.0093	.043	1.119	
%RSD	.39585	1.0094	.70263	.37037	.43071	.39309	1.3597	

#1	9.5891	.25076	2.6006	1.2012	2.1764	10.954	83.027	
#2	9.5926	.25337	2.6279	1.2036	2.1630	10.871	82.932	
#3	9.6567	.25587	2.5931	1.2098	2.1584	10.895	81.042	

Sample Name: S5 Acquired: 3/26/2018 14:23:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.3	1963.8	44294.	6943.2	2879.3
Stddev	20.2	2.9	258.	70.0	7.3
%RSD	1.1764	.14681	.58319	1.0082	.25209
#1	1703.4	1966.0	44130.	6911.0	2885.5
#2	1736.5	1964.8	44592.	6895.2	2881.2
#3	1700.0	1960.5	44160.	7023.6	2871.3

Sample Name: S6 Acquired: 3/26/2018 14:27:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	60.738	28.894	16.009	6.4749	4.6132
Stddev	.663	.056	.088	.0324	.0089
%RSD	1.0908	.19496	.54931	.50058	.19371

#1	59.973	28.833	15.907	6.4382	4.6221
#2	61.125	28.904	16.055	6.4869	4.6042
#3	61.115	28.944	16.064	6.4996	4.6133

Int. Std.	Y_3710
Units	Cts/S
Avg	6770.9
Stddev	9.8
%RSD	.14406

#1	6779.0
#2	6773.6
#3	6760.1

Sample Name: ICV Acquired: 3/26/2018 14:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9388828	1.071558	.9381400	.9701148	.9419166	2.380415
Stddev	.0439804	.043799	.0458266	.0437926	.0471855	.025691
%RSD	4.684328	4.087395	4.884840	4.514166	5.009523	1.079275

#1	.9692058	1.102528	.9725412	.9959619	.9755915	2.351904
#2	.9590010	1.090700	.9557605	.9948309	.9621733	2.387572
#3	.8884416	1.021447	.8861185	.9195517	.8879851	2.401769

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5157242	.5130584	.4837908	10.49363	F .5417779	.4828569
Stddev	.0006201	.0035727	.0221001	.04928	.0012113	.0222628
%RSD	.1202442	.6963433	4.568109	.4696439	.2235839	4.610634

#1	.5155789	.5090847	.4986479	10.44038	.5430761	.4981784
#2	.5151897	.5160052	.4943307	10.53763	.5406778	.4930726
#3	.5164041	.5140852	.4583939	10.50287	.5415798	.4573197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5299550	5.400498	.5377629	5.771953	.4963183	.5045512
Stddev	.0030586	.041737	.0020029	.030918	.0237073	.0017398
%RSD	.5771513	.7728374	.3724428	.5356581	4.776635	.3448244

#1	.5266737	5.354756	.5374142	5.742588	.5125371	.5043032
#2	.5304642	5.436513	.5359572	5.769050	.5073072	.5064017
#3	.5327271	5.410223	.5399172	5.804219	.4691105	.5029487

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.627603	.5250475	F 1.135968	9.423382	F .0129721	F .0081364
Stddev	.223788	.0037403	.011356	.115531	.0012157	.0006456
%RSD	2.324442	.7123690	.9997047	1.226004	9.371819	7.934987

#1	9.885274	.5212717	1.127814	9.298316	.0125484	.0075454
#2	9.481878	.5251197	1.148939	9.445713	.0120249	.0080384
#3	9.515655	.5287512	1.131151	9.526118	.0143430	.0088255

Sample Name: ICV Acquired: 3/26/2018 14:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000161	.0017948	.0052607	F -.001135	-.000499	.0006753
Stddev	.000093	.0026992	.0011780	.000393	.000801	.0010639
%RSD	57.38204	150.3906	22.39150	34.59111	160.2897	157.5397
#1	-.000201	.0048256	.0062724	-.001116	-.000503	-.000164
#2	-.000228	-.000350	.0039675	-.000752	-.001298	.001872
#3	-.000056	.000909	.0055423	-.001537	.000303	.000318

Elem	Sr4077
Units	ppm
Avg	.0120051
Stddev	.0001163
%RSD	.9686871
#1	.0119139
#2	.0121360
#3	.0119653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.158	2527.902	49342.54	7387.126	3927.119
Stddev	5.295	104.764	192.78	26.365	159.297
%RSD	.2578768	4.144319	.3907070	.3569028	4.056344
#1	2047.712	2457.028	49346.90	7404.972	3819.406
#2	2053.475	2478.438	49533.11	7399.562	3851.847
#3	2058.287	2648.240	49147.61	7356.843	4110.104

Sample Name: ICB Acquired: 3/26/2018 14:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003187	.0008638	.0009306	-.001102	-.001331	-.001465	-.000152
Stddev	.0011632	.0015923	.0006889	.003175	.000243	.003840	.000641
%RSD	365.0084	184.3407	74.02462	288.2643	18.25243	262.1628	420.9414

#1	.0002646	.0012111	.0013851	-.001822	-.001076	-.005827	.000260
#2	-.000817	.0022538	.0012689	.002372	-.001358	.001408	.000174
#3	.001508	-.000873	.0001380	-.003855	-.001559	.000024	-.000890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001152	.0000021	-.005209	.0000513	.0001099	.0019692	.0112544
Stddev	.0000749	.0000666	.007369	.0002432	.0002025	.0015171	.0020803
%RSD	65.00955	3112.508	141.4819	473.5909	184.2514	77.04093	18.48467

#1	.0000291	.0000467	-.012221	.0003080	.0001801	.0002189	.0121776
#2	.0001648	.0000342	.002472	-.000176	.0002679	.0027829	.0088722
#3	.0001519	-.000074	-.005877	.000022	-.000118	.0029058	.0127133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000171	-.022411	.0003398	.0003303	.4062432	-.000321	-.005987
Stddev	.000433	.022619	.0002388	.0000412	.0980307	.001393	.006546
%RSD	252.8005	100.9294	70.27593	12.47288	24.13103	434.0759	109.3308

#1	.000264	-.011288	.0001231	.0002843	.3457955	-.000412	-.011662
#2	-.000602	-.048438	.0005959	.0003427	.3535842	-.001666	.001175
#3	-.000176	-.007507	.0003006	.0003639	.5193499	.001115	-.007475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092290	.0021149	.0014693	-.000207	-.004070	-.003696	-.000860
Stddev	.057176	.0018084	.0005002	.000317	.003005	.001662	.000539
%RSD	61.95293	85.50631	34.04368	152.8559	73.82679	44.96486	62.71326

#1	-.041009	.0000594	.0018954	-.000344	-.007046	-.005073	-.000883
#2	-.081919	.0034610	.0015939	.000155	-.001037	-.004164	-.001388
#3	-.153942	.0028244	.0009186	-.000433	-.004127	-.001850	-.000310

Sample Name: ICB Acquired: 3/26/2018 14:41:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005387	.0000785	-.000054
Stddev	.0007039	.0016441	.000043
%RSD	130.6620	2093.259	79.71095

#1	.0005173	.0003912	-.000004
#2	-.000154	-.001699	-.000078
#3	.001253	.001544	-.000081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.709	2495.408	50282.42	7418.563	3919.049
Stddev	20.661	6.777	296.75	40.252	11.956
%RSD	.9844828	.2715746	.5901716	.5425896	.3050727

#1	2098.696	2496.221	50089.15	7392.350	3922.346
#2	2119.376	2501.741	50624.10	7398.430	3929.010
#3	2078.053	2488.261	50134.01	7464.910	3905.790

Sample Name: ICSA Acquired: 3/26/2018 14:46:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054286	-.002512	-.007439	-.021050	.0048291	238.3367
Stddev	.0008338	.005373	.000709	.004732	.0022711	.5804
%RSD	15.35897	213.8912	9.533729	22.47755	47.02886	.2435320

#1	.0050663	-.003142	-.006815	-.016128	.0052486	238.5336
#2	.0063822	.003148	-.007292	-.021459	.0023775	238.7930
#3	.0048372	-.007543	-.008210	-.025564	.0068611	237.6834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055578	.0008514	.0004487	248.3320	.0573963	-.000137
Stddev	.0004668	.0000952	.0001350	.8046	.0002454	.000426
%RSD	8.399273	11.18386	30.09146	.3240015	.4276107	311.3444

#1	.0052924	.0007744	.0004355	247.9478	.0574335	-.000305
#2	.0052842	.0009578	.0003208	249.2567	.0576209	.000348
#3	.0060968	.0008219	.0005899	247.7915	.0571343	-.000454

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003511	100.0271	.0128789	245.1137	.0053453	-.007517
Stddev	.000910	.4322	.0001698	.8249	.0004020	.000267
%RSD	25.92331	.4320981	1.318753	.3365265	7.521135	3.546662

#1	-.004424	99.6146	.0129070	244.3363	.0057747	-.007214
#2	-.003507	100.4766	.0130329	245.9790	.0049777	-.007712
#3	-.002603	99.9901	.0126968	245.0258	.0052837	-.007626

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3936298	-.005801	-.015317	-.366540	.0005284	F .0355069
Stddev	.2144804	.001893	.002661	.032537	.0022920	.0020955
%RSD	54.48785	32.62101	17.37118	8.876847	433.8041	5.901691

#1	.6157328	-.004972	-.014160	-.382361	.0031738	.0332167
#2	.1876861	-.007967	-.013431	-.388142	-.000862	.0359756
#3	.3774705	-.004465	-.018360	-.329118	-.000727	.0373283

Sample Name: ICSA Acquired: 3/26/2018 14:46:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014562	.0118196	-.002324	-.001955	-.003582	.0032347
Stddev	.0003283	.0047547	.001500	.000367	.000939	.0009464
%RSD	22.54183	40.22698	64.53043	18.78230	26.21183	29.25747

#1	.0018319	.0143564	-.002275	-.001573	-.002625	.0023345
#2	.0012250	.0147677	-.000850	-.002305	-.004502	.0031482
#3	.0013118	.0063345	-.003848	-.001987	-.003620	.0042213

Elem	Sr4077
Units	ppm
Avg	.1024158
Stddev	.0003509
%RSD	.3426607

#1	.1020119
#2	.1026464
#3	.1025890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.691	2244.991	47078.11	7215.027	3194.452
Stddev	11.973	109.918	261.27	22.458	156.136
%RSD	.6125101	4.896147	.5549687	.3112647	4.887730

#1	1960.685	2310.169	47306.39	7189.633	3279.447
#2	1962.483	2306.719	47134.77	7232.275	3289.652
#3	1940.905	2118.084	46793.15	7223.173	3014.258

Sample Name: ICSAB Acquired: 3/26/2018 14:50:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0980033	.1073654	.0394122	.0307439	.5857722	235.4282
Stddev	.0045576	.0007430	.0023668	.0047495	.0052711	.3124
%RSD	4.650439	.6920217	6.005318	15.44871	.8998481	.1326750

#1	.1031310	.1077405	.0378738	.0299429	.5799029	235.7815
#2	.0964649	.1078460	.0421376	.0264457	.5873112	235.3141
#3	.0944140	.1065096	.0382252	.0358429	.5901024	235.1889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5218525	.5125068	1.010649	244.2732	.5961472	.5063200
Stddev	.0022473	.0025931	.004724	.9575	.0125684	.0019389
%RSD	.4306340	.5059625	.4674174	.3919751	2.108277	.3829427

#1	.5242164	.5136857	1.011308	245.3788	.5872914	.5066244
#2	.5197436	.5095337	1.005630	243.7217	.6105323	.5042469
#3	.5215974	.5143009	1.015009	243.7191	.5906178	.5080887

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145461	98.43400	.5353008	240.3464	1.023077	.1978305
Stddev	.0017432	.22691	.0022330	.5204	.003292	.0036390
%RSD	.3387843	.2305245	.4171525	.2165397	.3218138	1.839454

#1	.5153191	98.69250	.5378198	240.7692	1.022762	.1955798
#2	.5157690	98.26770	.5345180	239.7651	1.019954	.2020288
#3	.5125500	98.34179	.5335646	240.5048	1.026516	.1958829

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2967472	.5240508	F 1.142949	-.528516	.0090876	F .0376433
Stddev	.2446626	.0075227	.029483	.062527	.0036383	.0021085
%RSD	82.44817	1.435499	2.579579	11.83063	40.03598	5.601395

#1	.5009931	.5249120	1.126745	-.489719	.0069891	.0380852
#2	.3636582	.5311058	1.176980	-.495183	.0069850	.0394958
#3	.0255902	.5161344	1.125121	-.600647	.0132888	.0353488

Sample Name: ICSAB Acquired: 3/26/2018 14:50:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016121	.0162556	-.002632	-.003507	-.004464	.0044910
Stddev	.0002950	.0035392	.002008	.000894	.001468	.0016219
%RSD	18.30043	21.77196	76.27366	25.48160	32.88309	36.11422

#1	.0012741	.0190619	-.002300	-.002725	-.005127	.0028582
#2	.0018179	.0122797	-.004785	-.003313	-.005484	.0061018
#3	.0017444	.0174251	-.000811	-.004481	-.002782	.0045129

Elem	Sr4077
Units	ppm
Avg	.1012611
Stddev	.0001954
%RSD	.1929413

#1	.1014828
#2	.1011860
#3	.1011144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.343	2303.615	46721.49	7239.014	3296.070
Stddev	24.557	9.437	681.24	40.793	13.778
%RSD	1.270189	.4096649	1.458078	.5635132	.4180157

#1	1953.669	2308.601	47047.46	7215.058	3301.581
#2	1906.057	2309.513	45938.51	7286.115	3306.239
#3	1940.303	2292.731	47178.49	7215.870	3280.389

Sample Name: CCV066 Acquired: 3/26/2018 14:54:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919359	4.940699	24.77998	4.817902	4.948826	389.5172	10.02442
Stddev	.027760	.025891	.08254	.030956	.015584	1.1636	.06834
%RSD	.5643093	.5240441	.3330832	.6425100	.3149103	.2987195	.6817529

#1	4.904850	4.946827	24.73760	4.833945	4.948043	390.7604	10.08237
#2	4.901860	4.912293	24.72723	4.782218	4.933648	388.4544	10.04183
#3	4.951367	4.962976	24.87509	4.837543	4.964788	389.3367	9.94905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4896740	2.460392	389.1213	15.21542	2.492495	15.14881	386.3437
Stddev	.0044554	.008843	1.9465	.01977	.005877	.07943	1.7862
%RSD	.9098699	.3594068	.5002374	.1299530	.2357825	.5243563	.4623316

#1	.4900474	2.461962	390.3748	15.23703	2.491206	15.23929	387.7657
#2	.4850437	2.450869	390.1104	15.19824	2.487370	15.11659	386.9265
#3	.4939310	2.468345	386.8789	15.21099	2.498910	15.09055	384.3389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70893	382.7236	2.494641	1.211103	397.9354	2.511484	14.57784
Stddev	.08522	1.8668	.007813	.007741	.9725	.016937	.12831
%RSD	.5794094	.4877617	.3131810	.6391301	.2443884	.6743694	.8801876

#1	14.77948	384.5222	2.492663	1.219099	398.7943	2.530920	14.68673
#2	14.73308	382.8532	2.488007	1.203647	396.8794	2.503649	14.61041
#3	14.61424	380.7954	2.503252	1.210564	398.1325	2.499884	14.43638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.8109	5.075906	4.857355	4.851214	5.067721	4.793436	4.966009
Stddev	.4441	.023403	.039182	.018670	.045465	.059311	.013894
%RSD	.2868880	.4610645	.8066437	.3848554	.8971439	1.237342	.2797781

#1	155.1747	5.084723	4.871100	4.843545	5.055067	4.818655	4.972064
#2	154.3160	5.049375	4.813152	4.837601	5.029923	4.725683	4.950115
#3	154.9422	5.093619	4.887811	4.872498	5.118172	4.835970	4.975848

Sample Name: CCV066 Acquired: 3/26/2018 14:54:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.992152	5.082711	4.953563
Stddev	.010160	.023427	.068035
%RSD	.2035118	.4609154	1.373453

#1	5.003665	5.107439	4.947332
#2	4.984446	5.079847	4.888859
#3	4.988344	5.060848	5.024499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.066	2058.729	44613.26	6985.070	2915.750
Stddev	6.346	8.003	57.58	42.185	6.469
%RSD	.3560862	.3887568	.1290594	.6039287	.2218483

#1	1784.651	2065.958	44645.60	6998.833	2919.033
#2	1786.710	2060.099	44647.39	7018.654	2919.918
#3	1774.835	2050.128	44546.78	6937.722	2908.298

Sample Name: CCB066 Acquired: 3/26/2018 14:58:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000612	.0016231	.0012620	.0027901	-.001395	-.002130	-.000048
Stddev	.000813	.0018710	.0025594	.0007329	.001904	.002890	.000161
%RSD	132.8202	115.2695	202.8084	26.26857	136.4888	135.6548	333.8045

#1	-.001543	.0007559	.0028559	.0033667	-.001300	.001104	-.000156
#2	-.000261	.0037704	.0026202	.0019653	.000460	-.004460	-.000126
#3	-.000034	.0003431	-.001690	.0030382	-.003345	-.003034	.000137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000390	.0000090	.0014244	.0002490	.0001252	-.000137	.0042314
Stddev	.0000810	.0000209	.0107250	.0003795	.0000316	.001041	.0134608
%RSD	207.3602	233.9447	752.9285	152.3803	25.23205	762.1891	318.1167

#1	-.000054	.0000207	.0136171	-.000096	.0001263	.001039	.0109072
#2	.000091	.0000214	-.002794	.000656	.0000931	-.000508	.0130495
#3	.000080	-.000015	-.006550	.000187	.0001563	-.000940	-.011262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003710	-.019340	.0004064	.0002398	.0901906	-.003352	-.002376
Stddev	.0004204	.012272	.0000571	.0001199	.0927911	.005297	.001950
%RSD	113.3246	63.45144	14.04994	49.98676	102.8834	158.0097	82.05800

#1	.0008417	-.016782	.0003628	.0001998	.0133340	.000978	-.003381
#2	.0002381	-.008549	.0003854	.0001450	.1932717	-.009258	-.003618
#3	.0000331	-.032689	.0004711	.0003745	.0639660	-.001776	-.000129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096347	.0007675	.0053154	-.000072	-.003681	-.003769	-.000963
Stddev	.073741	.0005603	.0003751	.000157	.001822	.000265	.000383
%RSD	76.53745	73.00279	7.057342	217.0718	49.49398	7.029916	39.80089

#1	-.174961	.0001466	.0057447	-.000146	-.002618	-.003939	-.001197
#2	-.028708	.0012353	.0050508	-.000179	-.002640	-.003904	-.000520
#3	-.085372	.0009207	.0051508	.000108	-.005785	-.003464	-.001171

Sample Name: CCB066 Acquired: 3/26/2018 14:58:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002591	.0008133	-.000123
Stddev	.0012242	.0008759	.000095
%RSD	472.5280	107.7013	76.97129

#1	.0016644	.0003543	-.000042
#2	-.000312	.0018233	-.000228
#3	-.000575	.0002623	-.000100

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.692	2475.396	49486.51	7285.500	3904.624
Stddev	11.932	17.255	257.74	32.347	24.276
%RSD	.5754225	.6970717	.5208265	.4439978	.6217261

#1	2063.223	2457.387	49223.45	7250.110	3877.886
#2	2071.168	2477.016	49497.51	7313.540	3910.705
#3	2086.684	2491.784	49738.58	7292.850	3925.282

Sample Name: J1968-11DLX2 Acquired: 3/26/2018 15:44:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.038554	-.026333	.0632650	-.112054	.0161358	282.5496	2.432723
Stddev	.009284	.002519	.0039269	.003772	.0006007	2.2049	.022511
%RSD	24.08203	9.565421	6.207056	3.365784	3.722590	.7803414	.9253529

#1	-.048956	-.029014	.0595241	-.108718	.0155652	280.2076	2.410615
#2	-.031106	-.025969	.0673546	-.111299	.0167626	284.5852	2.455617
#3	-.035598	-.024016	.0629163	-.116146	.0160794	282.8560	2.431938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143954	.0082688	.0890616	.1910151	.3663614	.8582564	626.6875
Stddev	.0003594	.0001518	.1386269	.0007123	.0014918	.0011529	2.4882
%RSD	2.496641	1.835965	155.6528	.3728808	.4071814	.1343322	.3970326

#1	.0142570	.0084266	-.070428	.1904034	.3673411	.8575659	624.6555
#2	.0141258	.0081238	.156986	.1917971	.3646446	.8595873	629.4625
#3	.0148034	.0082560	.180627	.1908450	.3670986	.8576158	625.9444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.240938	135.9676	.3132816	-.047733	3.335843	2.191355	.7542898
Stddev	.049732	.5343	.0011212	.000708	.233333	.014212	.0119797
%RSD	.5381725	.3929533	.3578798	1.482902	6.994715	.6485429	1.588213

#1	9.193316	135.4292	.3133244	-.047707	3.604547	2.176428	.7405190
#2	9.292541	136.4977	.3121396	-.047038	3.218607	2.192915	.7600406
#3	9.236959	135.9760	.3143807	-.048453	3.184376	2.204723	.7623098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	213.5862	2.159516	.1825959	-.001380	.3497491	5.513542	.0764340
Stddev	1.5077	.021259	.0045594	.000305	.0119247	.024811	.0019582
%RSD	.7059171	.9844157	2.496990	22.09762	3.409501	.4500018	2.561929

#1	211.9008	2.180902	.1777560	-.001160	.3629628	5.509169	.0756902
#2	214.8067	2.159257	.1868102	-.001728	.3464962	5.491209	.0749567
#3	214.0511	2.138387	.1832216	-.001252	.3397885	5.540249	.0786551

Sample Name: J1968-11DLX2 Acquired: 3/26/2018 15:44:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	35.31766	.0678438	.0264135
Stddev	.26314	.0012030	.0001747
%RSD	.7450588	1.773185	.6613338

#1	35.03260	.0673596	.0262354
#2	35.55127	.0692135	.0265845
#3	35.36912	.0669584	.0264206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.269	2757.534	56857.01	8660.874	3168.111
Stddev	8.318	6.514	178.72	21.878	11.943
%RSD	.3543514	.2362173	.3143300	.2526020	.3769908

#1	2344.106	2750.407	57009.51	8681.351	3154.773
#2	2356.704	2763.180	56901.16	8663.449	3177.816
#3	2340.997	2759.014	56660.35	8637.824	3171.745

Sample Name: CCV067 Acquired: 3/26/2018 15:48:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.965964	4.940182	24.78555	4.851035	4.995368	391.7558	10.02130
Stddev	.009768	.032702	.10713	.011061	.019612	2.4379	.03813
%RSD	.1967016	.6619567	.4322082	.2280053	.3925995	.6223045	.3804855

#1	4.954998	4.955799	24.68251	4.849458	4.990434	391.5929	9.98749
#2	4.973734	4.962147	24.77780	4.862800	4.978694	394.2711	10.06263
#3	4.969160	4.902599	24.89634	4.840847	5.016975	389.4035	10.01377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858661	2.440870	387.2489	15.05528	2.497249	15.20013	384.0610
Stddev	.0008679	.009783	1.1178	.14828	.009315	.08014	.3758
%RSD	.1786323	.4008000	.2886441	.9848843	.3729973	.5272403	.0978461

#1	.4852671	2.430287	386.8193	14.88427	2.487339	15.14885	383.7237
#2	.4868614	2.442740	388.5177	15.13368	2.498583	15.29248	384.4661
#3	.4854697	2.449583	386.4096	15.14791	2.505824	15.15907	383.9932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55458	378.5430	2.493951	1.198337	402.7945	2.507383	13.99799
Stddev	.02436	.6598	.009278	.014334	2.5964	.026147	.17405
%RSD	.1673751	.1742912	.3720127	1.196145	.6445848	1.042791	1.243376

#1	14.53342	378.1571	2.483251	1.182695	402.8054	2.492775	13.80960
#2	14.58121	379.3048	2.499760	1.201471	405.3854	2.537569	14.15281
#3	14.54909	378.1671	2.498842	1.210844	400.1928	2.491804	14.03155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.1947	5.094824	4.803652	4.854581	5.083335	4.742994	4.958964
Stddev	.8003	.038953	.009120	.015369	.016376	.017143	.006238
%RSD	.5156692	.7645522	.1898652	.3165881	.3221426	.3614359	.1257946

#1	154.7964	5.114557	4.795678	4.841606	5.079028	4.727706	4.952524
#2	156.1160	5.119961	4.801680	4.850584	5.101434	4.739748	4.959391
#3	154.6718	5.049954	4.813596	4.871554	5.069544	4.761528	4.964978

Sample Name: CCV067 Acquired: 3/26/2018 15:48:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.987123	5.052121	4.947430
Stddev	.036556	.022302	.027349
%RSD	.7330174	.4414406	.5527983

#1	5.002763	5.044867	4.952242
#2	5.013258	5.077147	4.972053
#3	4.945348	5.034349	4.917994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.355	2014.894	44005.14	6878.933	2866.787
Stddev	18.950	6.640	444.03	36.273	8.309
%RSD	1.076510	.3295309	1.009052	.5273060	.2898206

#1	1782.019	2021.713	44507.35	6865.796	2875.991
#2	1746.852	2014.519	43664.55	6851.059	2864.528
#3	1752.195	2008.450	43843.53	6919.944	2859.841

Sample Name: CCB067 Acquired: 3/26/2018 15:52:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025566	-.000364	-.000249	.0025060	-.001932	.0000379	-.000328
Stddev	.0014036	.000320	.000254	.0010754	.001905	.0068566	.000214
%RSD	54.90192	88.09822	102.1445	42.91101	98.60518	18109.71	65.18941

#1	.0032246	-.000704	-.000389	.0013490	-.000224	-.004105	-.000093
#2	.0035014	-.000319	.000045	.0026943	-.001585	-.003734	-.000511
#3	.0009437	-.000068	-.000401	.0034748	-.003986	.007952	-.000380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000433	.0000969	.0151751	.0002300	-.000125	.0024495	.0047966
Stddev	.0000187	.0000133	.0126214	.0000623	.000156	.0007522	.0074897
%RSD	43.15685	13.70101	83.17175	27.10657	125.3137	30.70775	156.1474

#1	.0000614	.0000845	.0296969	.0002657	.000036	.0016333	.0110624
#2	.0000445	.0001109	.0089812	.0001580	-.000276	.0031148	.0068260
#3	.0000241	.0000953	.0068473	.0002664	-.000133	.0026004	-.003499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	-.016013	.0001811	.0003848	-.053471	-.004637	.0012052
Stddev	.000348	.024508	.0005632	.0003230	.321094	.001657	.0054671
%RSD	321.3809	153.0544	311.0408	83.92303	600.4983	35.72672	453.6098

#1	-.000150	.010266	-.000287	.0006787	-.321038	-.005462	.0052232
#2	-.000433	-.020056	.000025	.0000391	-.141966	-.005719	-.005021
#3	.000259	-.038248	.000806	.0004366	.302590	-.002730	.003413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508338	-.000135	.0036423	-.000005	.0043452	-.003182	-.000817
Stddev	.0083454	.001749	.0011484	.000075	.0023375	.000825	.000465
%RSD	16.41706	1295.622	31.52998	1644.212	53.79411	25.92021	56.82220

#1	.0589369	-.000888	.0030577	-.000031	.0059087	-.003969	-.001135
#2	.0512992	.001865	.0029038	.000080	.0016581	-.002324	-.001033
#3	.0422655	-.001382	.0049654	-.000063	.0054687	-.003252	-.000284

Sample Name: CCB067 Acquired: 3/26/2018 15:52:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v474) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000502	.0003577	-.000066
Stddev	.001204	.0013945	.000016
%RSD	239.7829	389.8497	24.27732

#1	-.001825	.0003640	-.000048
#2	-.000209	-.001040	-.000078
#3	.000528	.001749	-.000073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.650	2427.856	48971.57	7228.927	3824.939
Stddev	38.598	6.657	569.36	32.160	11.946
%RSD	1.893299	.2742012	1.162627	.4448736	.3123173

#1	2005.335	2431.545	48338.33	7204.770	3833.201
#2	2029.669	2431.851	49135.15	7265.430	3830.375
#3	2080.947	2420.171	49441.23	7216.580	3811.242