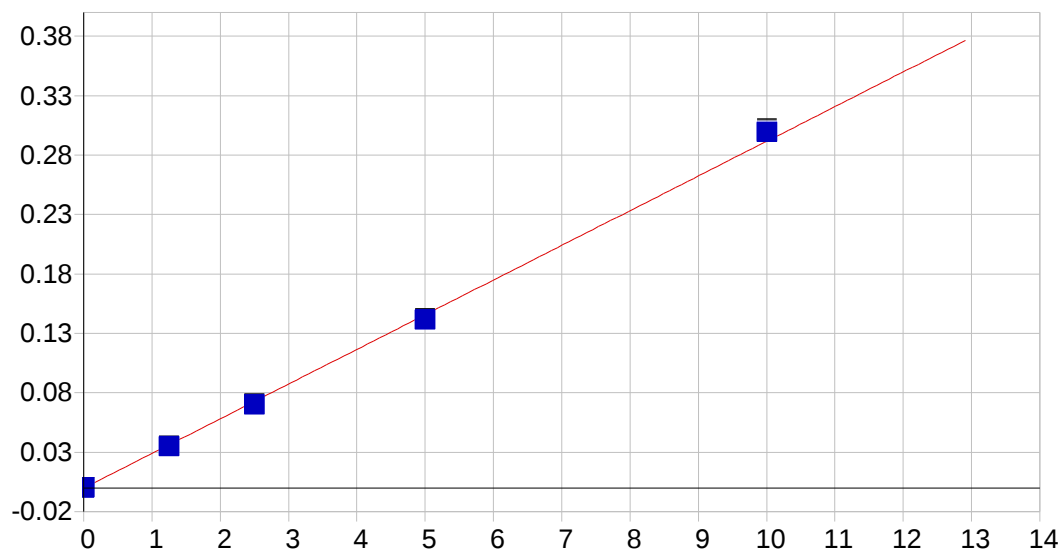




As 189.042 {479}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000217

Re-Slope: 1.000000

A1 (Gain): 0.029181

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999476

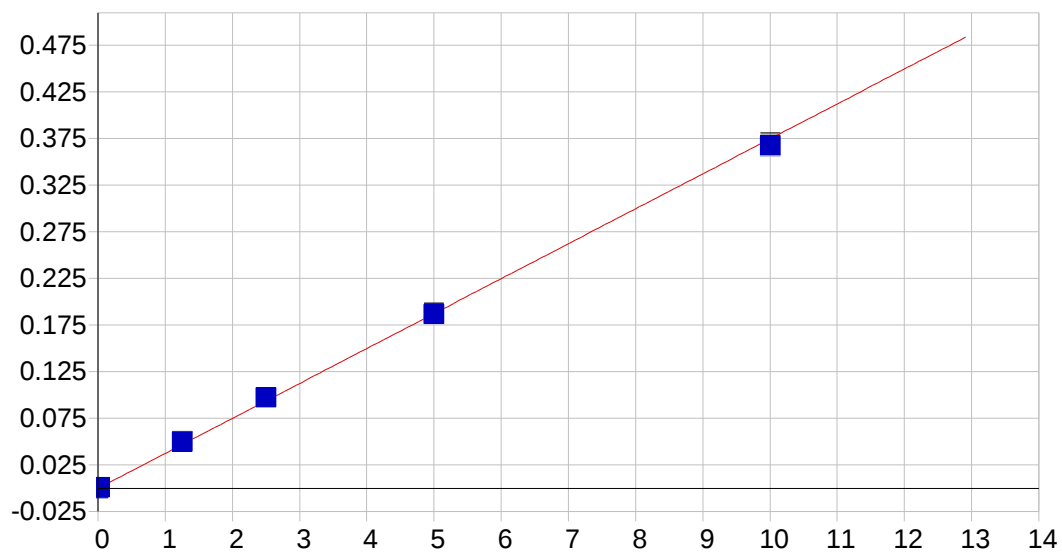
Status: OK.

Std Error of Est: 0.000016

Predicted MDL: 0.005300

Predicted MQL: 0.017668

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.01000	.01583	.006	58.3	.00024	.000	1
S2	1.2500	1.2096	-.040	-3.23	.03517	.000	1
S3	2.5000	2.4100	-.090	-3.60	.07028	.000	1
S4	5.0000	4.8521	-.148	-2.96	.14171	.001	1
S5	10.000	10.273	.273	2.73	.30023	.002	1



TI 190.856 {477}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000141

Re-Slope: 1.000000

A1 (Gain): 0.037493

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999619

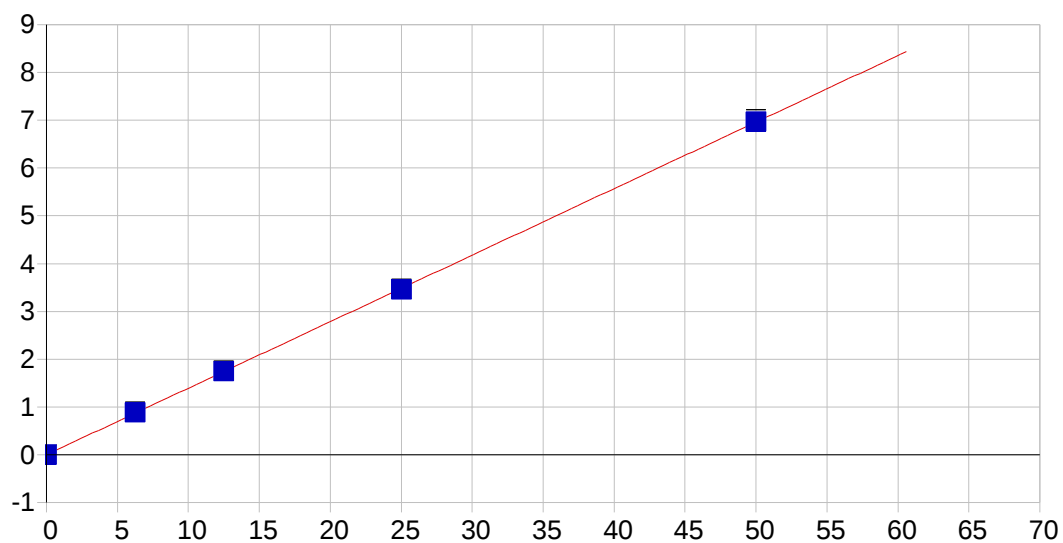
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.003246

Predicted MQL: 0.010819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00014	.000	1
S1	.02500	.02947	.004	17.9	.00095	.000	1
S2	1.2500	1.3363	.086	6.91	.04968	.000	1
S3	2.5000	2.5990	.099	3.96	.09674	.000	1
S4	5.0000	4.9959	-.004	-.083	.18603	.001	1
S5	10.000	9.8144	-.186	-1.86	.36556	.003	1

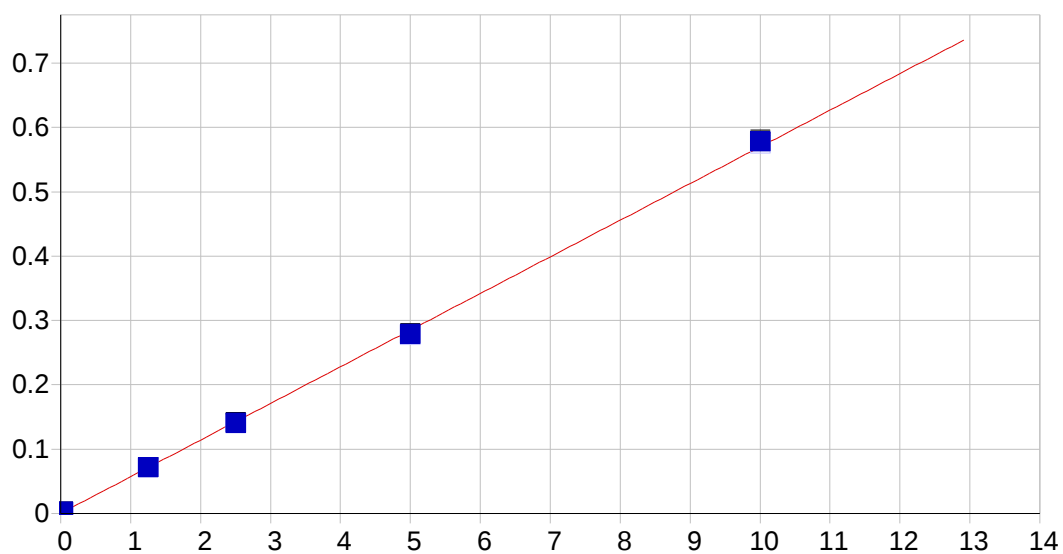


Pb 220.353 {453}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000321 Re-Slope: 1.000000
 A1 (Gain): 0.139235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.002132
 Predicted MQL: 0.007107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.01200	.002	20.0	.00136	.000	1
S2	6.2500	6.3756	.126	2.01	.88859	.002	1
S3	12.500	12.522	.022	.178	1.7456	.004	1
S4	25.000	24.780	-.220	-.879	3.4548	.015	1
S5	50.000	50.070	.070	.140	6.9808	.038	1

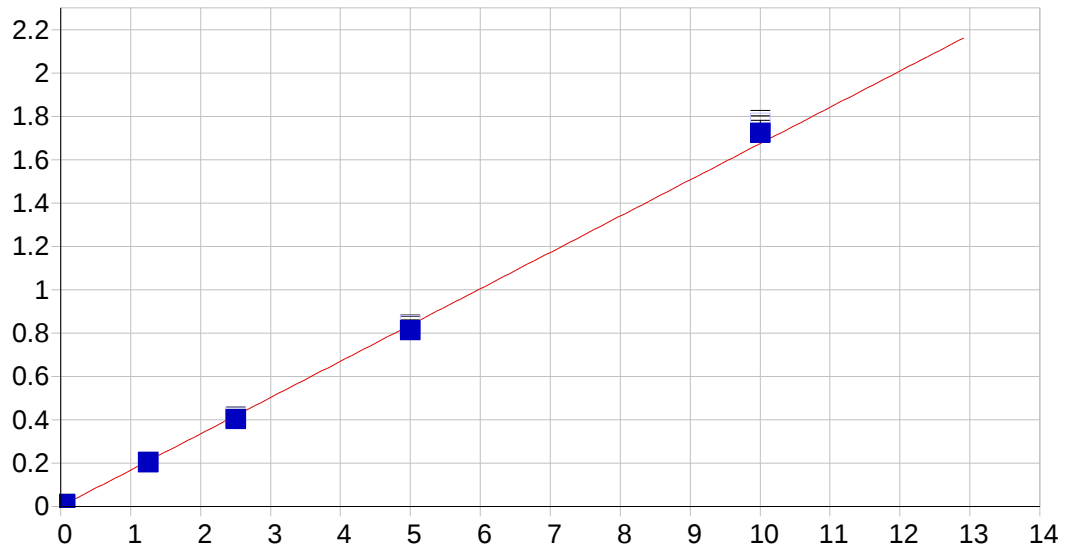


Se 196.090 {472}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.056959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.004368
 Predicted MQL: 0.014560

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.03500	.03851	.004	10.0	.00240	.000	1
S2	1.2500	1.2531	.003	.246	.07125	.000	1
S3	2.5000	2.4677	-.032	-1.29	.14010	.001	1
S4	5.0000	4.8878	-.112	-2.24	.27727	.001	1
S5	10.000	10.138	.138	1.38	.57498	.003	1

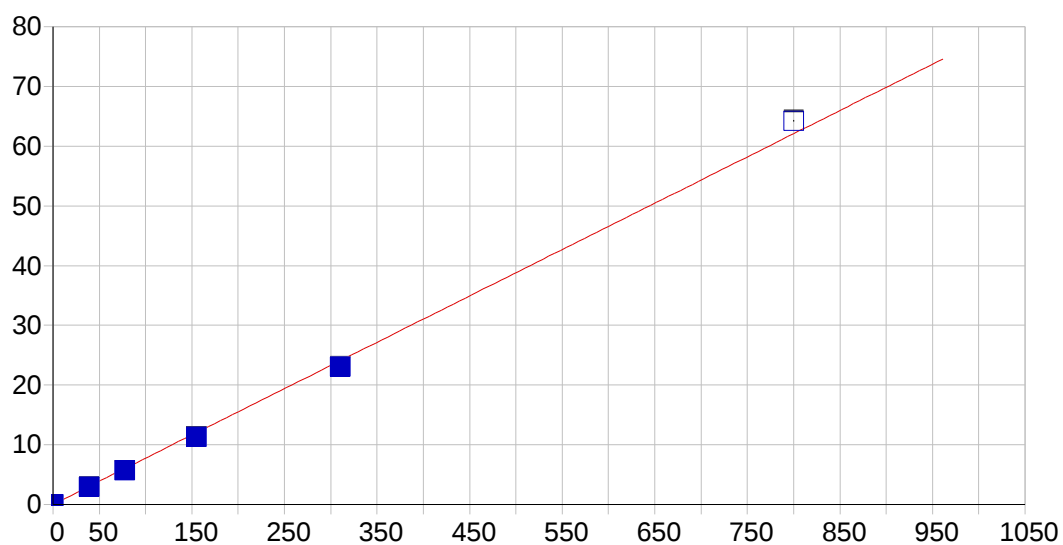


Sb 206.833 {463}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.167355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999513 Status: OK.
 Std Error of Est: 0.000221
 Predicted MDL: 0.001958
 Predicted MQL: 0.006527

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.06000	.06240	.002	3.99	.01080	.000	1
S2	1.2500	1.2064	-.044	-3.49	.20796	.001	1
S3	2.5000	2.3955	-.105	-4.18	.41266	.001	1
S4	5.0000	4.8490	-.151	-3.02	.83465	.002	1
S5	10.000	10.297	.297	2.97	1.7692	.013	1



AI 396.152 { 85}

Date of Fit: 7/11/2018 12:32:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000937

Re-Slope: 1.000000

A1 (Gain): 0.077600

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999159

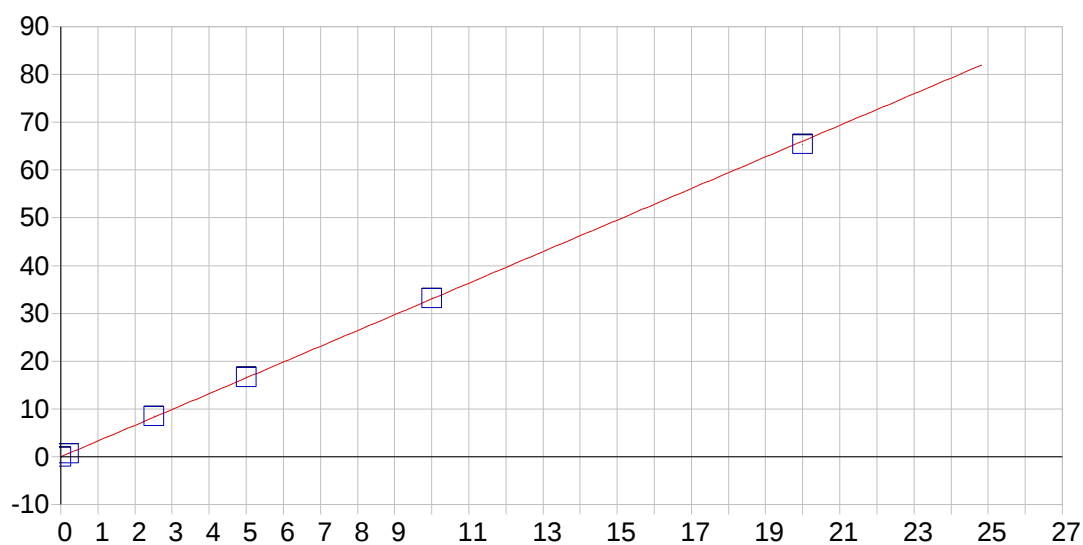
Status: OK.

Std Error of Est: 0.001980

Predicted MDL: 0.012325

Predicted MQL: 0.041082

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00094	.000	1
S1	.20000	.21107	.011	5.54	.01734	.000	1
S2	38.750	37.463	-1.29	-3.32	2.9109	.004	1
S3	77.500	73.139	-4.36	-5.63	5.6821	.032	1
S4	155.00	145.99	-9.01	-5.81	11.341	.024	1
S5	310.00	296.91	-13.1	-4.22	23.064	.037	1
S6	800.00	827.76	27.8	3.47	64.235	.117	1



Ba 493.409 { 68}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.017880

Re-Slope: 1.000000

A1 (Gain): 3.303142

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999902

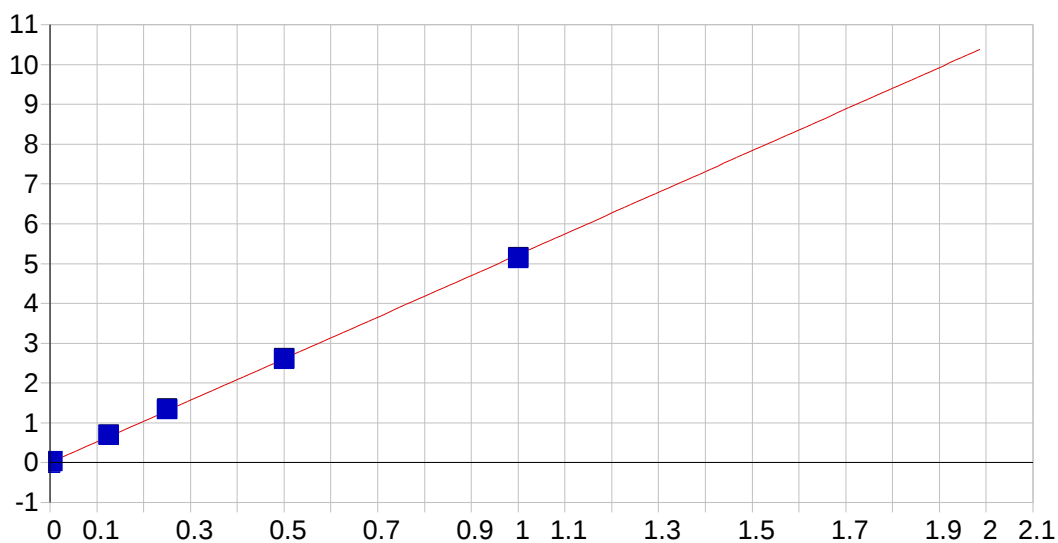
Status: OK.

Std Error of Est: 0.004915

Predicted MDL: 0.000916

Predicted MQL: 0.003054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.01798	.005	1
S1	.20000	.22207	.022	11.0	.71566	.002	1
S2	2.5000	2.5725	.072	2.90	8.4794	.006	1
S3	5.0000	5.0565	.056	1.13	16.684	.031	1
S4	10.000	10.048	.048	.479	33.172	.039	1
S5	20.000	19.801	-.199	-.995	65.388	.042	1



Be 234.861 {144}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001748

Re-Slope: 1.000000

A1 (Gain): 5.224490

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999720

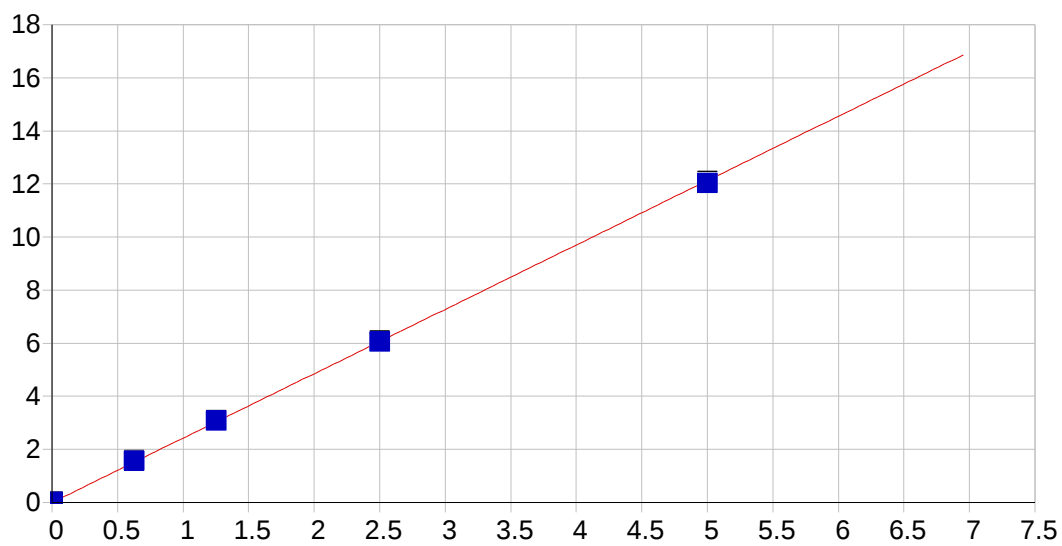
Status: OK.

Std Error of Est: 0.000462

Predicted MDL: 0.000088

Predicted MQL: 0.000295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00175	.000	1
S1	.00500	.00579	.001	15.8	.02848	.001	1
S2	.12500	.13323	.008	6.59	.69147	.003	1
S3	.25000	.25608	.006	2.43	1.3304	.014	1
S4	.50000	.50006	.000	.012	2.5994	.013	1
S5	1.0000	.98484	-.015	-1.52	5.1207	.019	1



Cd 214.438 {457}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000322

Re-Slope: 1.000000

A1 (Gain): 2.425003

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999912

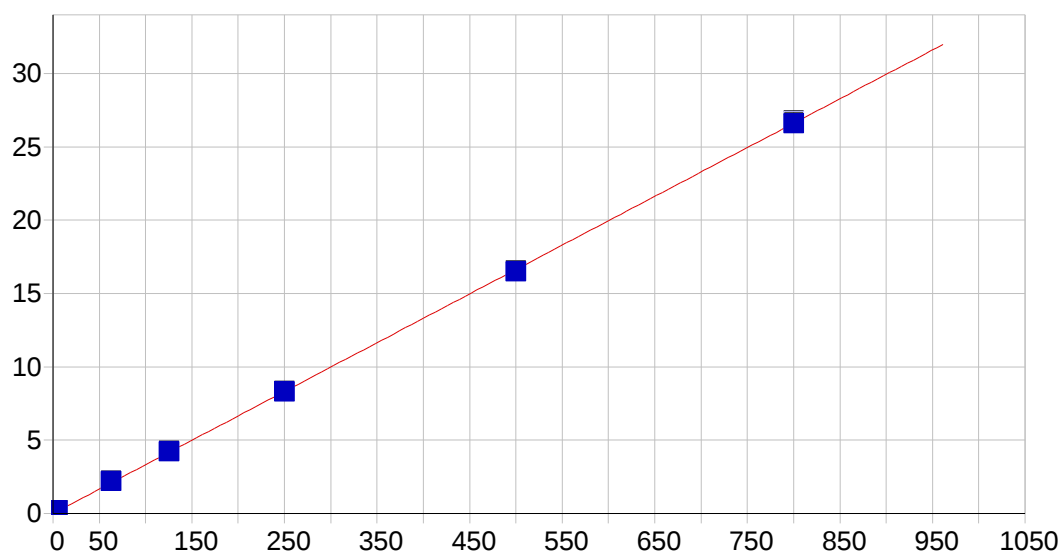
Status: OK.

Std Error of Est: 0.000271

Predicted MDL: 0.000100

Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00500	.00551	.001	10.3	.01370	.000	1
S2	.62500	.64987	.025	3.98	1.5794	.006	1
S3	1.2500	1.2694	.019	1.55	3.0848	.010	1
S4	2.5000	2.4943	-.006	-.227	6.0616	.026	1
S5	5.0000	4.9609	-.039	-.782	12.055	.063	1



Ca 373.690 { 90}

Date of Fit: 7/11/2018 12:32:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002376

Re-Slope: 1.000000

A1 (Gain): 0.033263

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999918

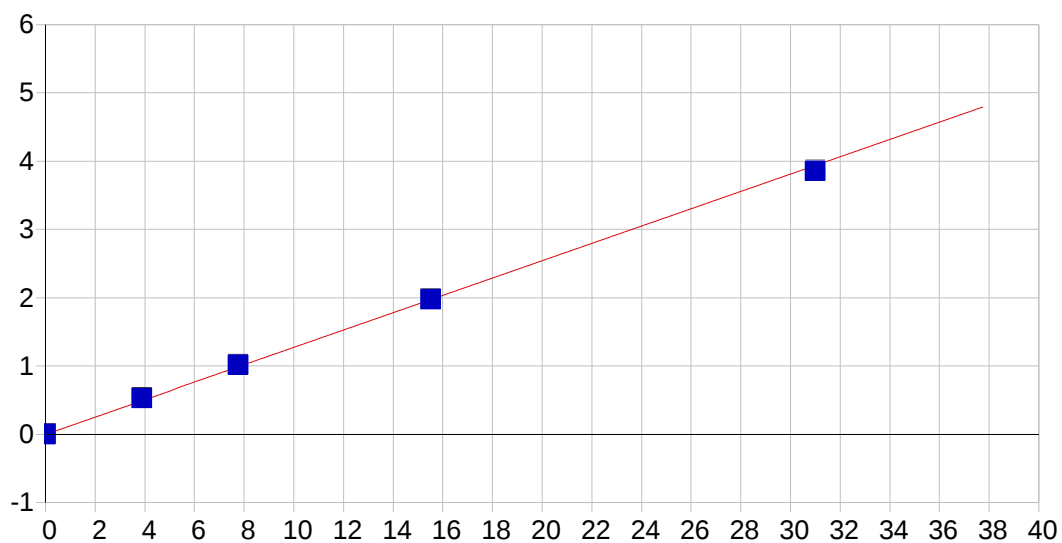
Status: OK.

Std Error of Est: 0.001493

Predicted MDL: 0.019908

Predicted MQL: 0.066360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	.00235	.000	1
S1	5.0000	5.4470	.447	8.94	.18358	.001	1
S2	62.500	65.728	3.23	5.17	2.1961	.003	1
S3	125.00	127.20	2.20	1.76	4.2483	.003	1
S4	250.00	249.66	-.336	-.134	8.3364	.013	1
S5	500.00	495.49	-4.51	-.903	16.543	.013	1
S6	800.00	798.98	-1.02	-.128	26.736	.035	1

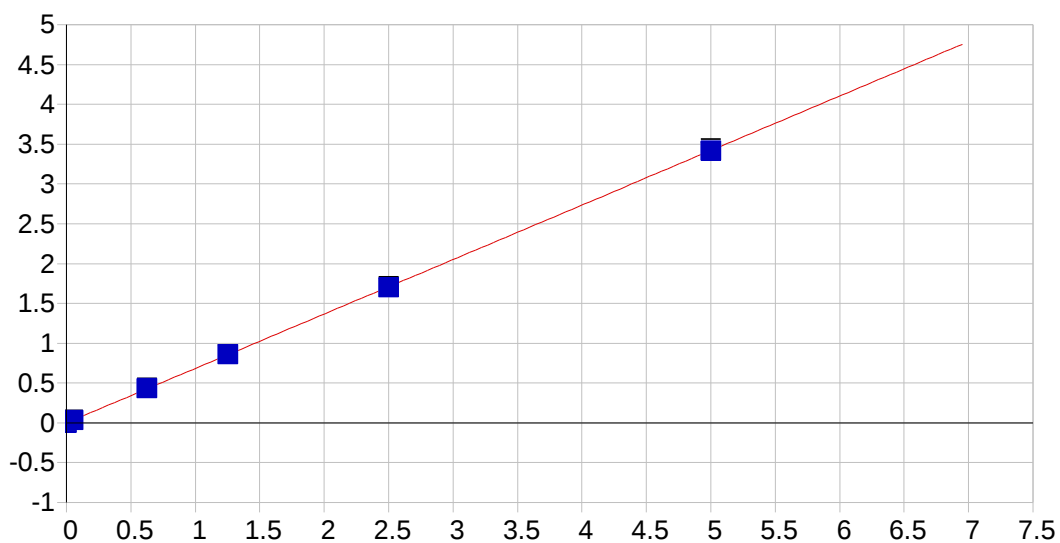


Cr 267.716 {126}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.127008 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.000577
 Predicted MQL: 0.001925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01222	.002	22.2	.00156	.000	1
S2	3.8750	4.1713	.296	7.65	.53066	.001	1
S3	7.7500	8.0213	.271	3.50	1.0205	.001	1
S4	15.500	15.563	.063	.407	1.9801	.002	1
S5	31.000	30.367	-.633	-2.04	3.8638	.006	1

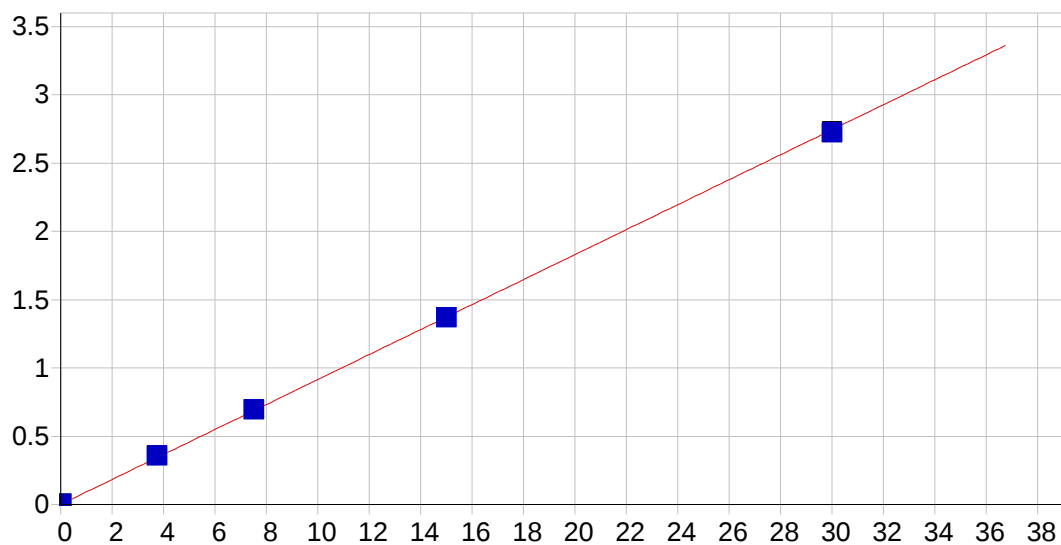


Co 228.616 {448}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.683906 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.000344
 Predicted MQL: 0.001148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.05000	.05309	.003	6.17	.03613	.000	1
S2	.62500	.63819	.013	2.11	.43701	.001	1
S3	1.2500	1.2550	.005	.403	.85972	.003	1
S4	2.5000	2.4853	-.015	-.589	1.7028	.010	1
S5	5.0000	4.9934	-.007	-.132	3.4215	.019	1



Cu 324.754 {104}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000480

Re-Slope: 1.000000

A1 (Gain): 0.091476

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999869

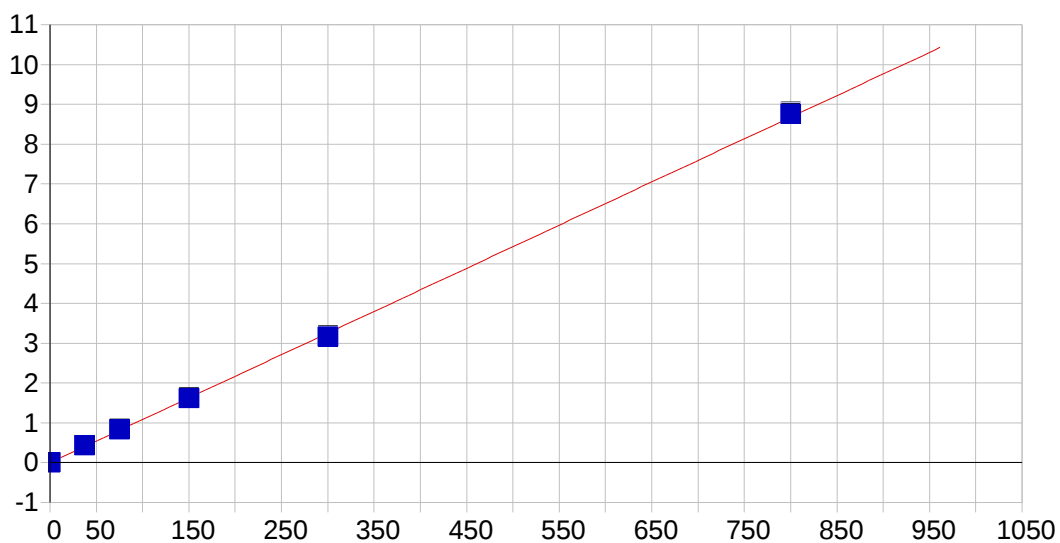
Status: OK.

Std Error of Est: 0.000068

Predicted MDL: 0.004673

Predicted MQL: 0.015576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00048	.000	1
S1	.02500	.03530	.010	41.2	.00370	.000	1
S2	3.7500	3.9181	.168	4.48	.35868	.000	1
S3	7.5000	7.5898	.090	1.20	.69434	.002	1
S4	15.000	14.958	-.042	-.279	1.3679	.003	1
S5	30.000	29.774	-.226	-.755	2.7223	.007	1



Fe 259.837 {130}

Date of Fit: 7/11/2018 12:32:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000189

Re-Slope: 1.000000

A1 (Gain): 0.010845

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999818

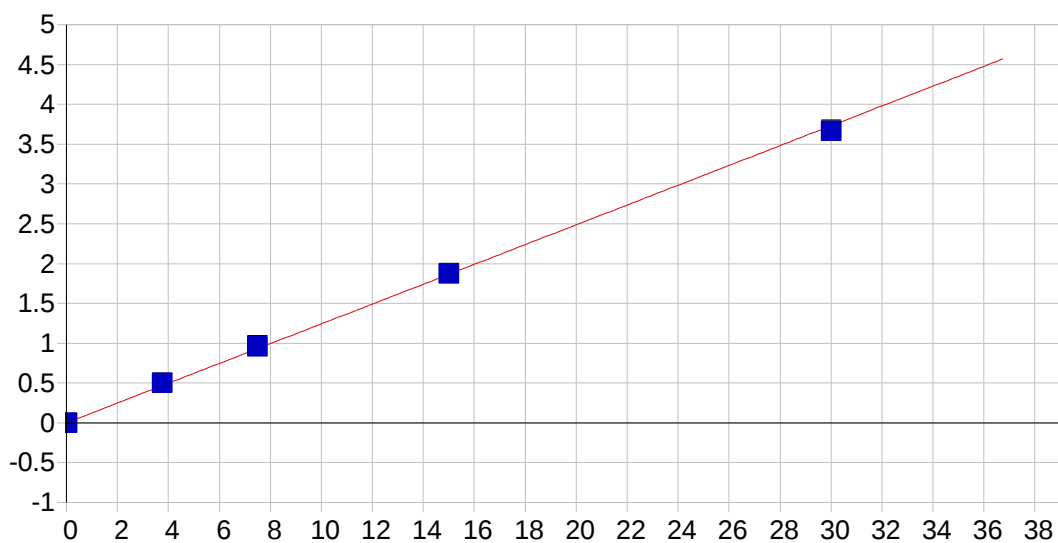
Status: OK.

Std Error of Est: 0.000091

Predicted MDL: 0.020304

Predicted MQL: 0.067678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00019	.000	1
S1	.10000	.11114	.011	11.1	.00142	.000	1
S2	37.500	39.701	2.20	5.87	.43293	.002	1
S3	75.000	76.262	1.26	1.68	.83162	.009	1
S4	150.00	148.73	-1.27	-.845	1.6219	.004	1
S5	300.00	290.87	-9.13	-3.04	3.1721	.016	1
S6	800.00	806.93	6.93	.867	8.7910	.020	1



Mn 257.610 {131}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000179

Re-Slope: 1.000000

A1 (Gain): 0.124342

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999680

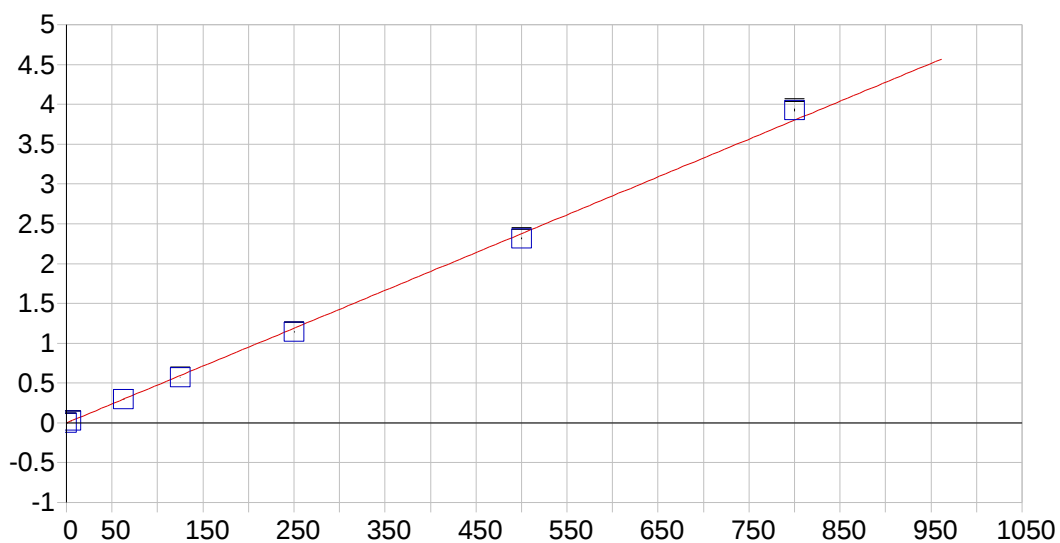
Status: OK.

Std Error of Est: 0.000112

Predicted MDL: 0.001550

Predicted MQL: 0.005167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00018	.000	1
S1	.01500	.01885	.004	25.7	.00217	.000	1
S2	3.7500	4.0165	.266	7.11	.49934	.002	1
S3	7.5000	7.7183	.218	2.91	.95974	.010	1
S4	15.000	15.048	.048	.318	1.8713	.005	1
S5	30.000	29.464	-.536	-1.79	3.6642	.015	1



Mg 279.079 {121}

Date of Fit: 7/11/2018 12:32:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000154

Re-Slope: 1.000000

A1 (Gain): 0.004751

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999504

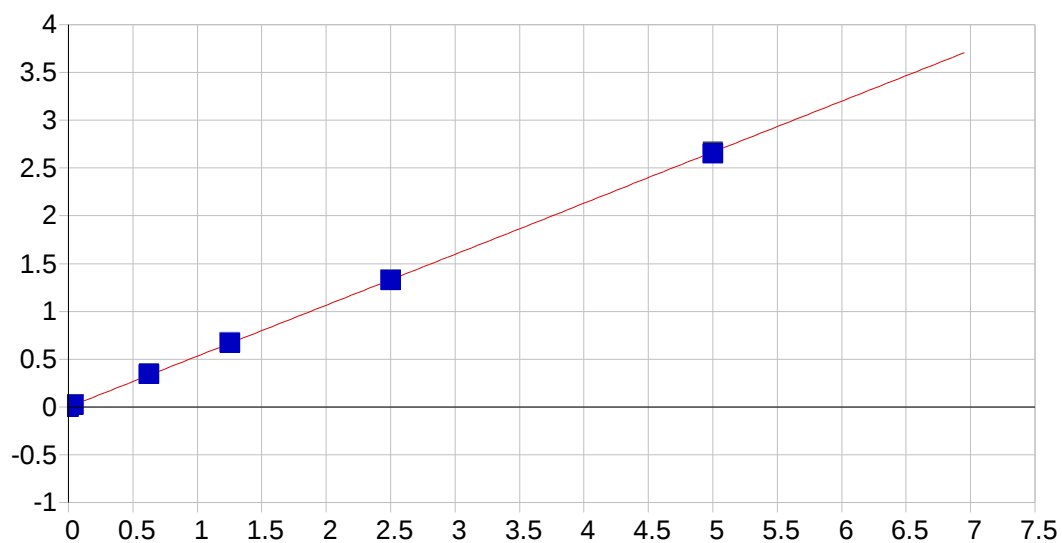
Status: OK.

Std Error of Est: 0.000522

Predicted MDL: 0.056786

Predicted MQL: 0.189285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00015	.000	1
S1	5.0000	5.3044	.304	6.09	.02505	.001	1
S2	62.500	61.992	-.508	-.812	.29440	.002	1
S3	125.00	120.44	-4.56	-3.65	.57213	.005	1
S4	250.00	240.80	-9.20	-3.68	1.1440	.002	1
S5	500.00	487.38	-12.6	-2.52	2.3156	.012	1
S6	800.00	826.58	26.6	3.32	3.9273	.015	1



Ni 231.604 {446}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001347

Re-Slope: 1.000000

A1 (Gain): 0.533343

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999915

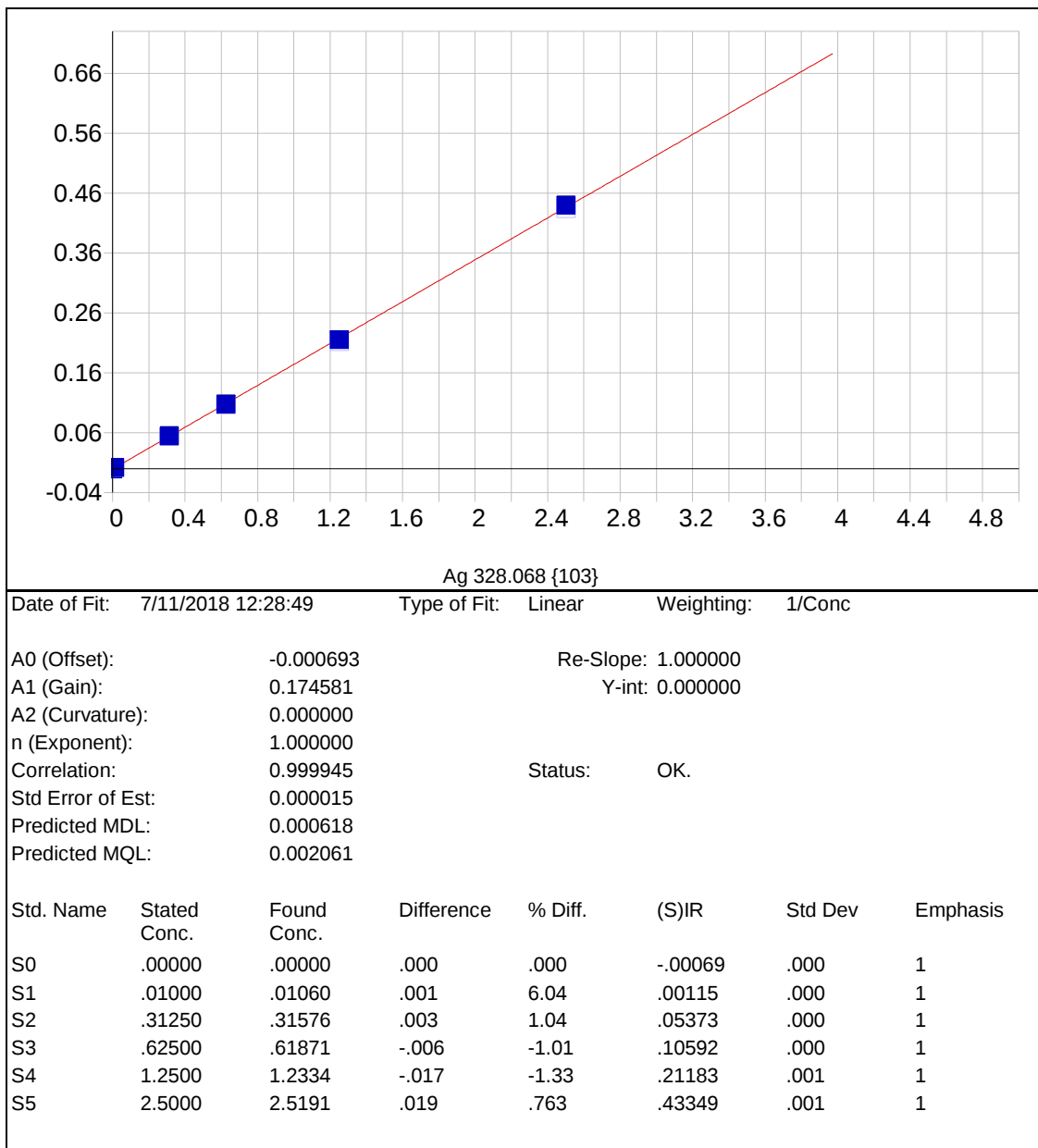
Status: OK.

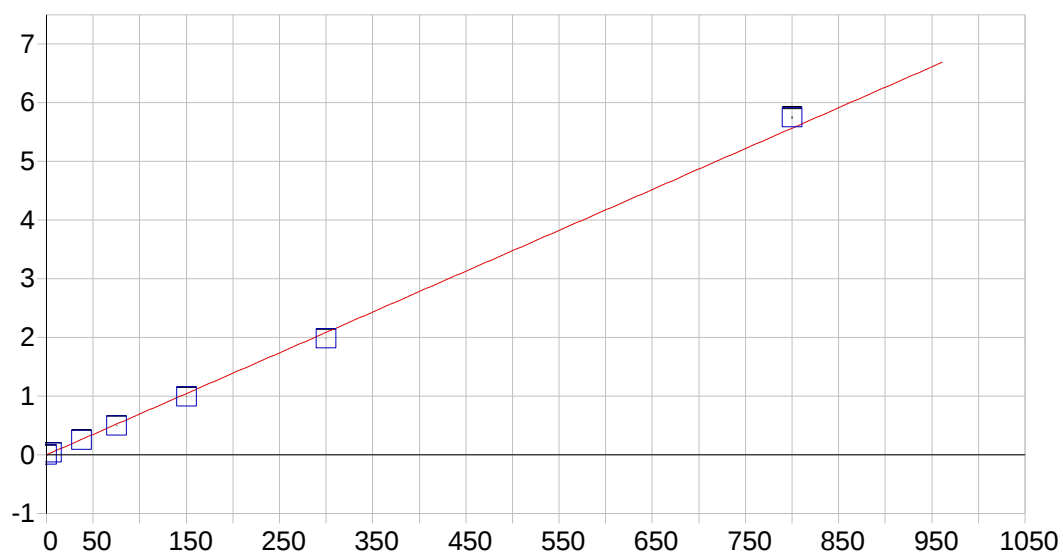
Std Error of Est: 0.000166

Predicted MDL: 0.000512

Predicted MQL: 0.001708

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00135	.000	1
S1	.04000	.04507	.005	12.7	.02270	.000	1
S2	.62500	.64429	.019	3.09	.34297	.001	1
S3	1.2500	1.2645	.015	1.16	.67444	.002	1
S4	2.5000	2.4894	-.011	-.422	1.3291	.003	1
S5	5.0000	4.9717	-.028	-.566	2.6557	.013	1





Na 818.326 { 41}

Date of Fit: 7/11/2018 12:32:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000123

Re-Slope: 1.000000

A1 (Gain): 0.006959

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999173

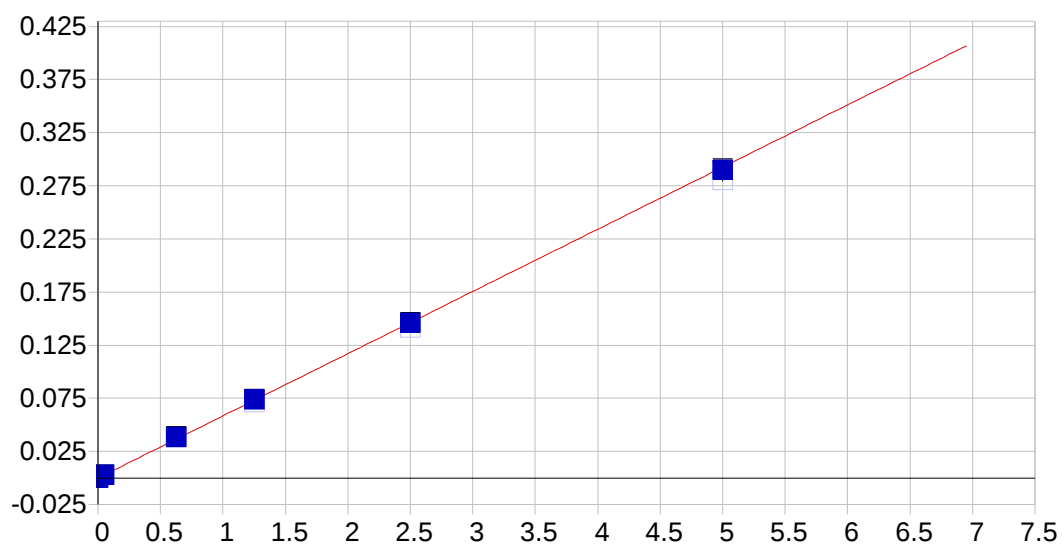
Status: OK.

Std Error of Est: 0.000876

Predicted MDL: 0.296228

Predicted MQL: 0.987427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	-.00012	.001	1
S1	5.0000	5.4080	.408	8.16	.03751	.001	1
S2	37.500	37.033	-.467	-1.25	.25760	.000	1
S3	75.000	71.731	-3.27	-4.36	.49907	.002	1
S4	150.00	142.05	-7.95	-5.30	.98846	.004	1
S5	300.00	284.70	-15.3	-5.10	1.9812	.004	1
S6	800.00	826.57	26.6	3.32	5.7522	.015	1



V 292.402 {115}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000102

Re-Slope: 1.000000

A1 (Gain): 0.058550

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999841

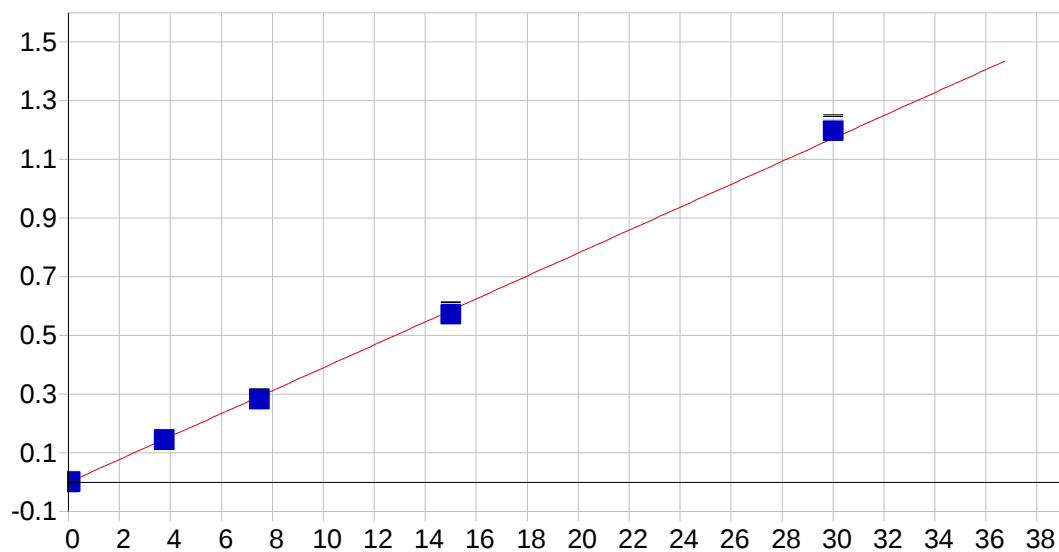
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.005672

Predicted MQL: 0.018908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.05000	.05203	.002	4.06	.00294	.000	1
S2	.62500	.66202	.037	5.92	.03745	.000	1
S3	1.2500	1.2602	.010	.814	.07127	.001	1
S4	2.5000	2.4982	-.002	-.071	.14134	.000	1
S5	5.0000	4.9525	-.048	-.950	.28021	.001	1

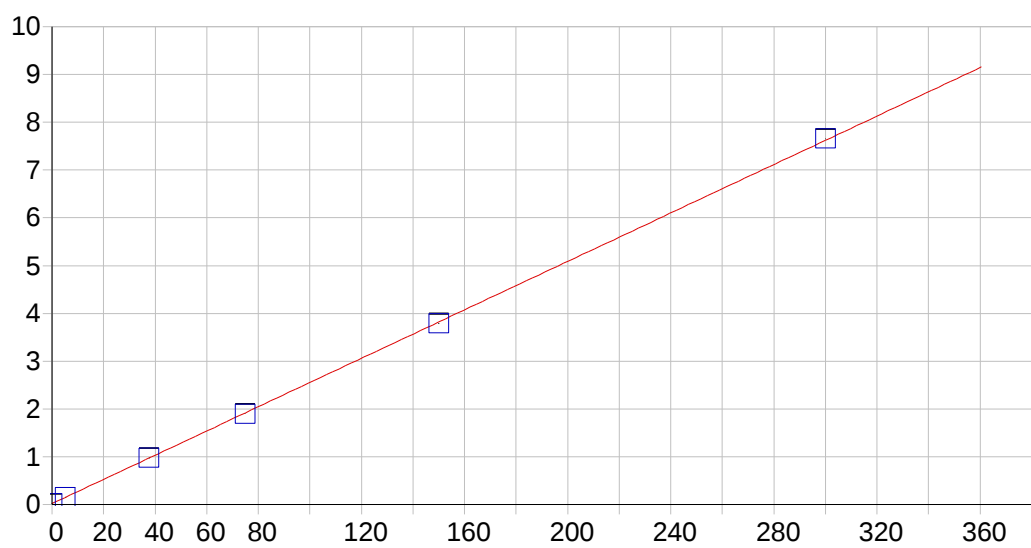


Zn 213.856 {158}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000897 Re-Slope: 1.000000
 A1 (Gain): 0.039089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.011908
 Predicted MQL: 0.039694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00090	.000	1
S1	.06000	.06955	.010	15.9	.00183	.000	1
S2	3.7500	3.6874	-.063	-1.67	.14393	.001	1
S3	7.5000	7.2148	-.285	-3.80	.28250	.002	1
S4	15.000	14.664	-.336	-2.24	.57507	.006	1
S5	30.000	30.674	.674	2.25	1.2036	.015	1



K 769.896 { 44}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.018131

Re-Slope: 1.000000

A1 (Gain): 0.025347

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999959

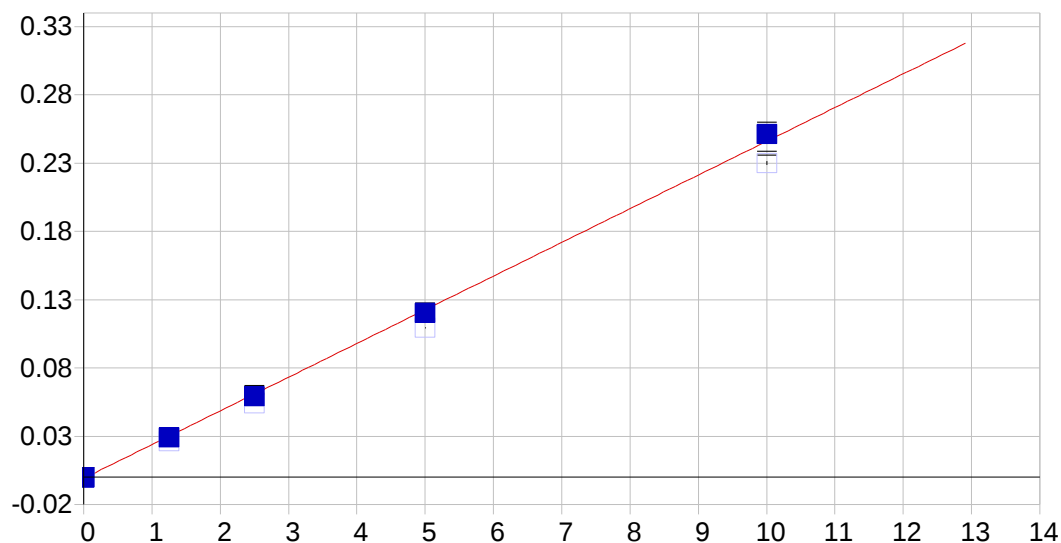
Status: OK.

Std Error of Est: 0.000472

Predicted MDL: 0.072813

Predicted MQL: 0.242709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	.000	.000	.01812	.003	1
S1	5.0000	5.3213	.321	6.43	.15301	.001	1
S2	37.500	37.860	.360	.960	.97777	.004	1
S3	75.000	74.247	-.753	-1.00	1.9001	.010	1
S4	150.00	148.82	-1.18	-.789	3.7902	.013	1
S5	300.00	301.26	1.26	.418	7.6541	.003	1



P 177.495 {490}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000807

Re-Slope: 1.000000

A1 (Gain): 0.024683

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

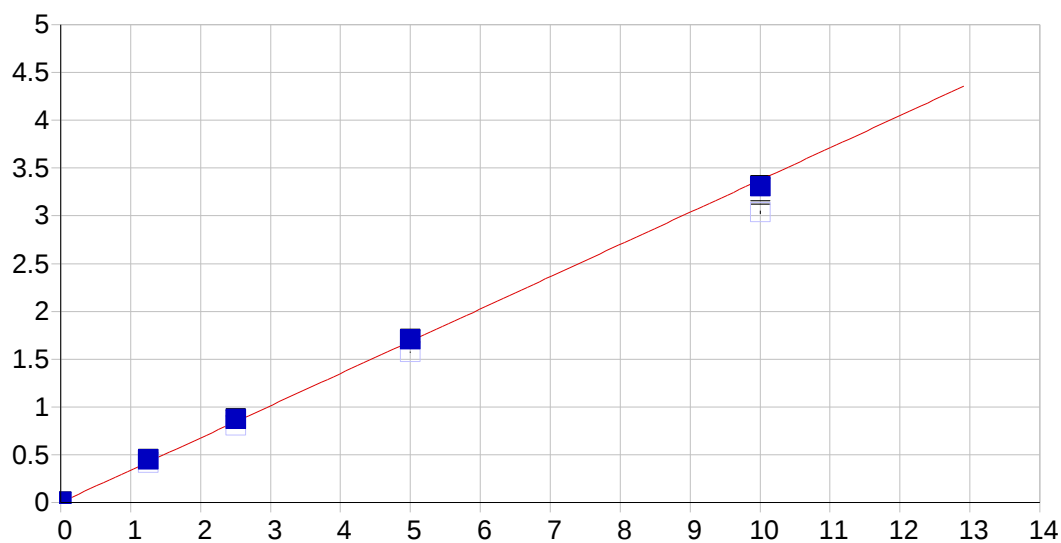
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.003880

Predicted MQL: 0.012934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.01000	.01479	.005	47.9	-.00046	.000	1
S2	1.2500	1.2056	-.044	-3.55	.02629	.000	1
S3	2.5000	2.4269	-.073	-2.92	.05377	.001	1
S4	5.0000	4.8979	-.102	-2.04	.10944	.000	1
S5	10.000	10.215	.215	2.15	.23003	.001	1



B 249.678 {135}

Date of Fit: 7/11/2018 12:28:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001007

Re-Slope: 1.000000

A1 (Gain): 0.337315

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999615

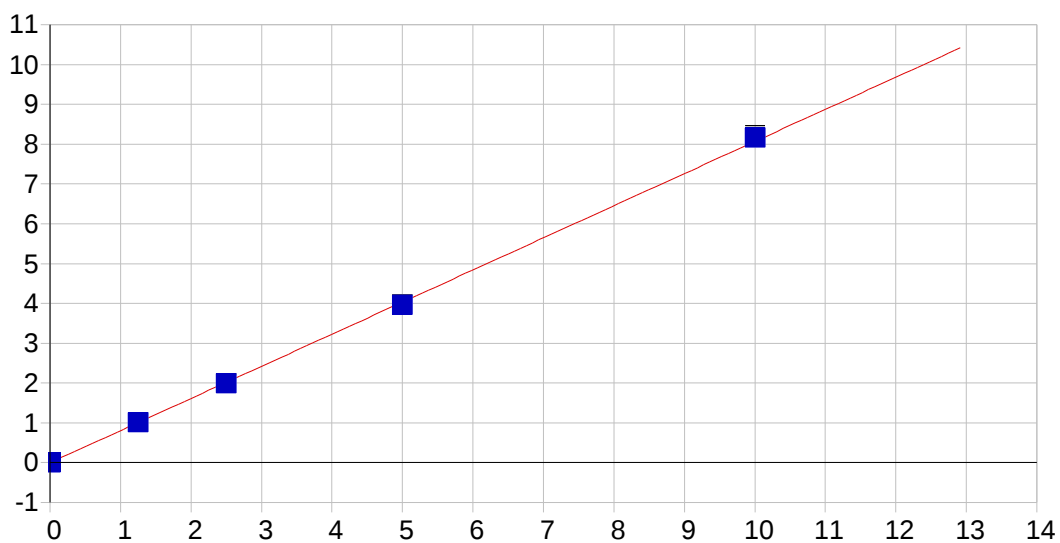
Status: OK.

Std Error of Est: 0.000145

Predicted MDL: 0.001433

Predicted MQL: 0.004777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00101	.000	1
S1	.01000	.01091	.001	9.07	.00462	.000	1
S2	1.2500	1.3275	.077	6.20	.41539	.003	1
S3	2.5000	2.5795	.079	3.18	.80430	.007	1
S4	5.0000	5.0505	.050	1.01	1.5710	.006	1
S5	10.000	9.7916	-.208	-2.08	3.0367	.016	1

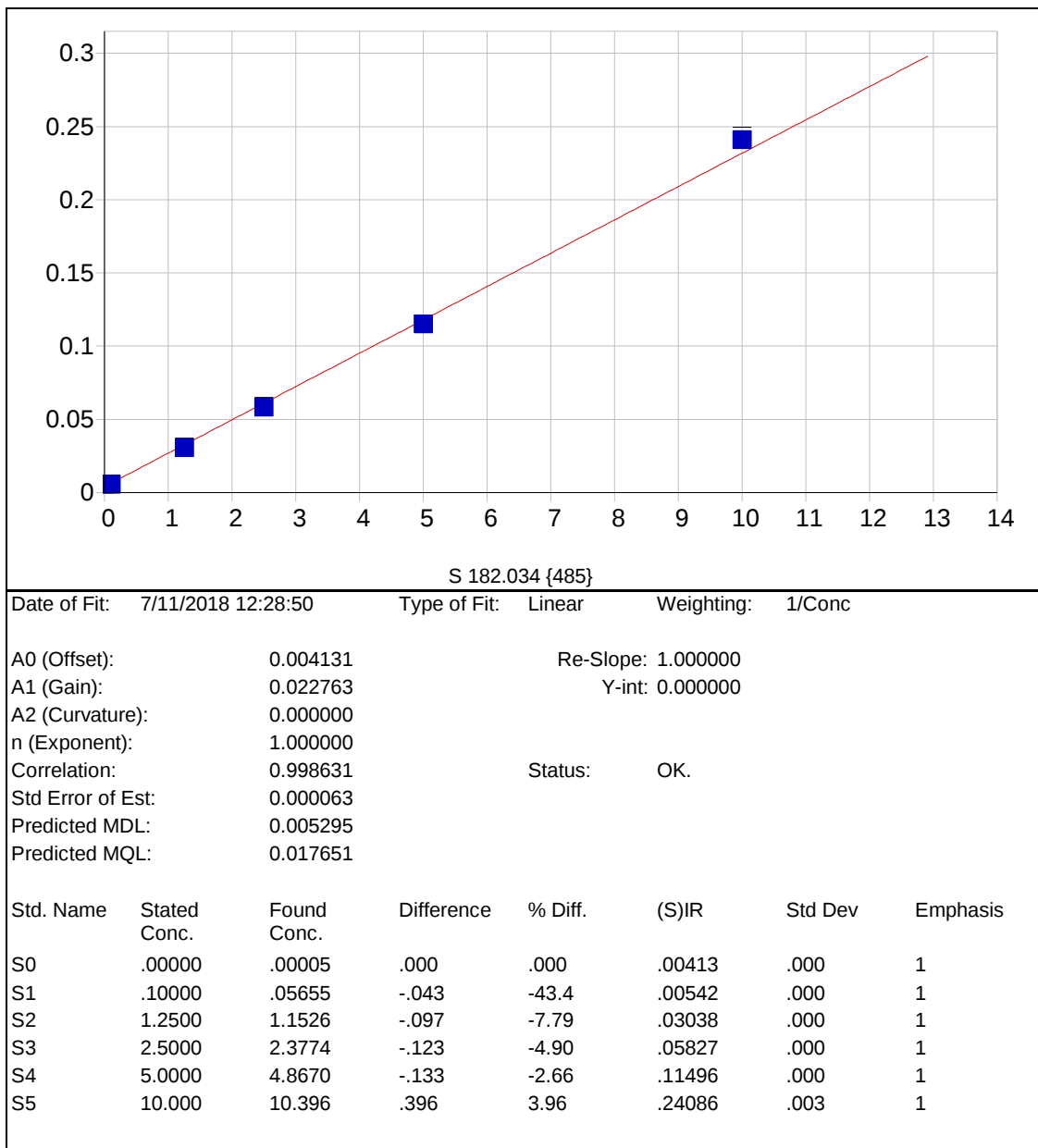


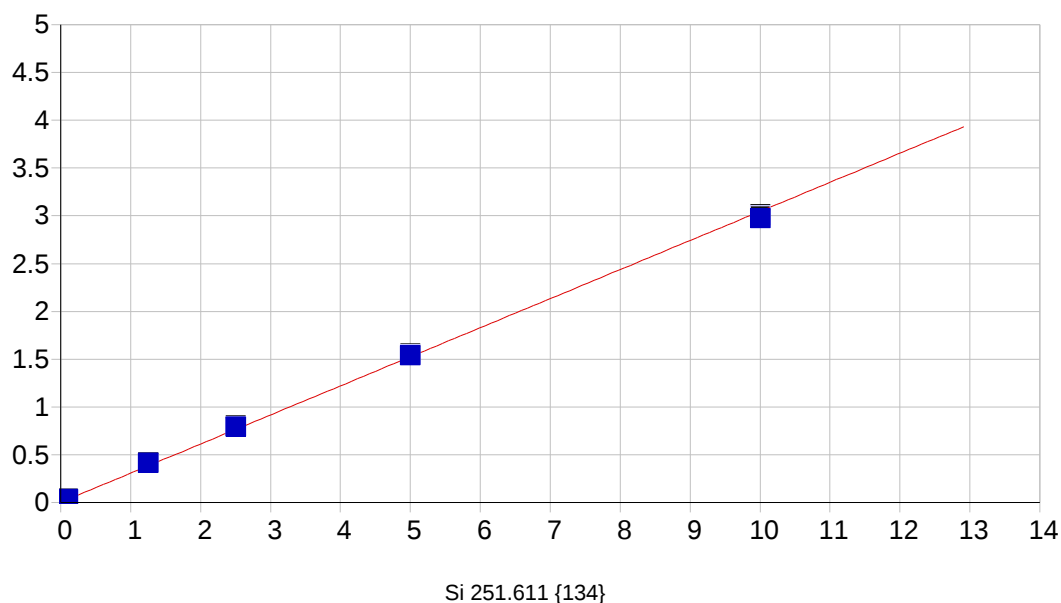
Mo 202.030 {467}

Date of Fit: 7/11/2018 12:28:49 Type of Fit: Linear Weighting: 1/Conc

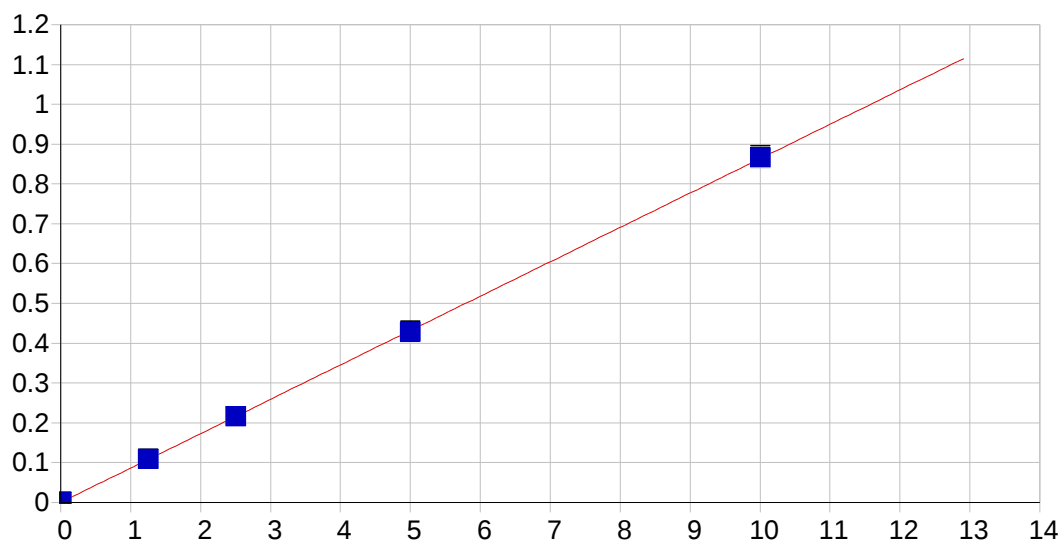
A0 (Offset): 0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.806656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.000349
 Predicted MQL: 0.001164

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.01120	.001	12.0	.00911	.000	1
S2	1.2500	1.2526	.003	.205	1.0104	.002	1
S3	2.5000	2.4613	-.039	-1.55	1.9854	.007	1
S4	5.0000	4.9143	-.086	-1.71	3.9641	.012	1
S5	10.000	10.121	.121	1.21	8.1635	.051	1





Date of Fit:		7/11/2018 12:28:50		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.002882		Re-Slope:		1.000000					
A1 (Gain):		0.304330		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999560		Status:		OK.					
Std Error of Est:		0.000484									
Predicted MDL:		0.001632									
Predicted MQL:		0.005440									
Std. Name		Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR		Std Dev		Emphasis	
S0		.00000	-.00002	.000	.000	.00288		.000		1	
S1		.10000	.10799	.008	7.99	.03585		.000		1	
S2		1.2500	1.3471	.097	7.77	.41597		.003		1	
S3		2.5000	2.5884	.088	3.54	.79685		.008		1	
S4		5.0000	5.0365	.036	.730	1.5481		.006		1	
S5		10.000	9.7700	-.230	-2.30	3.0011		.015		1	

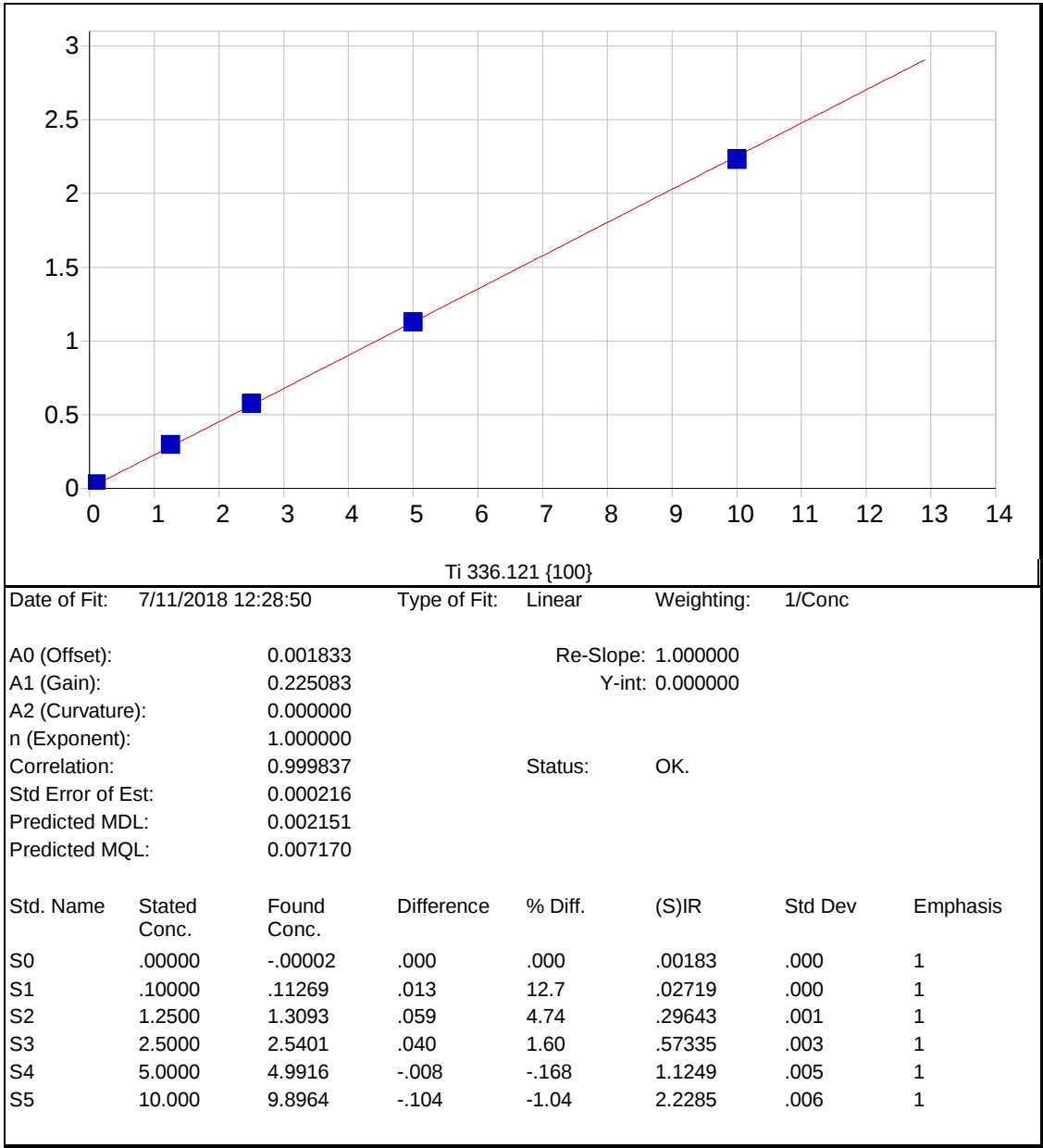


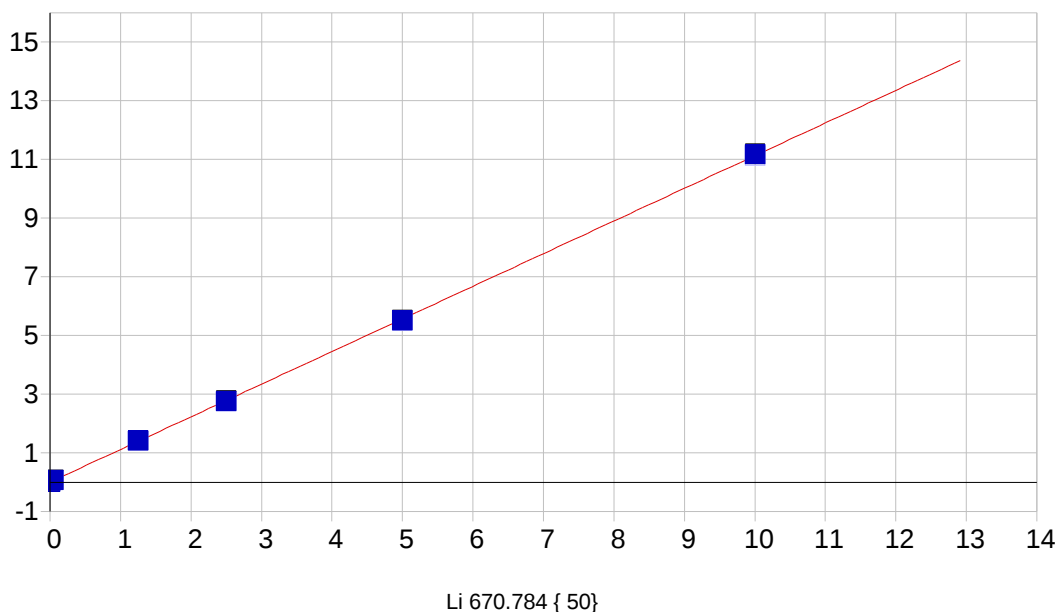
Sn 189.989 {478}

Date of Fit: 7/11/2018 12:28:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.086342 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.001374
 Predicted MQL: 0.004579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00697	.000	-.370	.00075	.000	1
S2	1.2500	1.2575	.007	.599	.10851	.000	1
S3	2.5000	2.4976	-.002	-.095	.21534	.000	1
S4	5.0000	4.9635	-.036	-.730	.42777	.002	1
S5	10.000	10.031	.031	.314	.86439	.006	1





Date of Fit: 7/11/2018 12:28:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001635

Re-Slope: 1.000000

A1 (Gain): 1.112852

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

Status: OK.

Std Error of Est: 0.000371

Predicted MDL: 0.001886

Predicted MQL: 0.006287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00163	.002	1
S5	10.000	10.039	.039	.390	11.111	.020	1
S4	5.0000	4.9536	-.046	-.927	5.4830	.013	1
S3	2.5000	2.4826	-.017	-.695	2.7488	.005	1
S2	1.2500	1.2699	.020	1.59	1.4070	.004	1
S1	.05000	.05482	.005	9.64	.06253	.001	1



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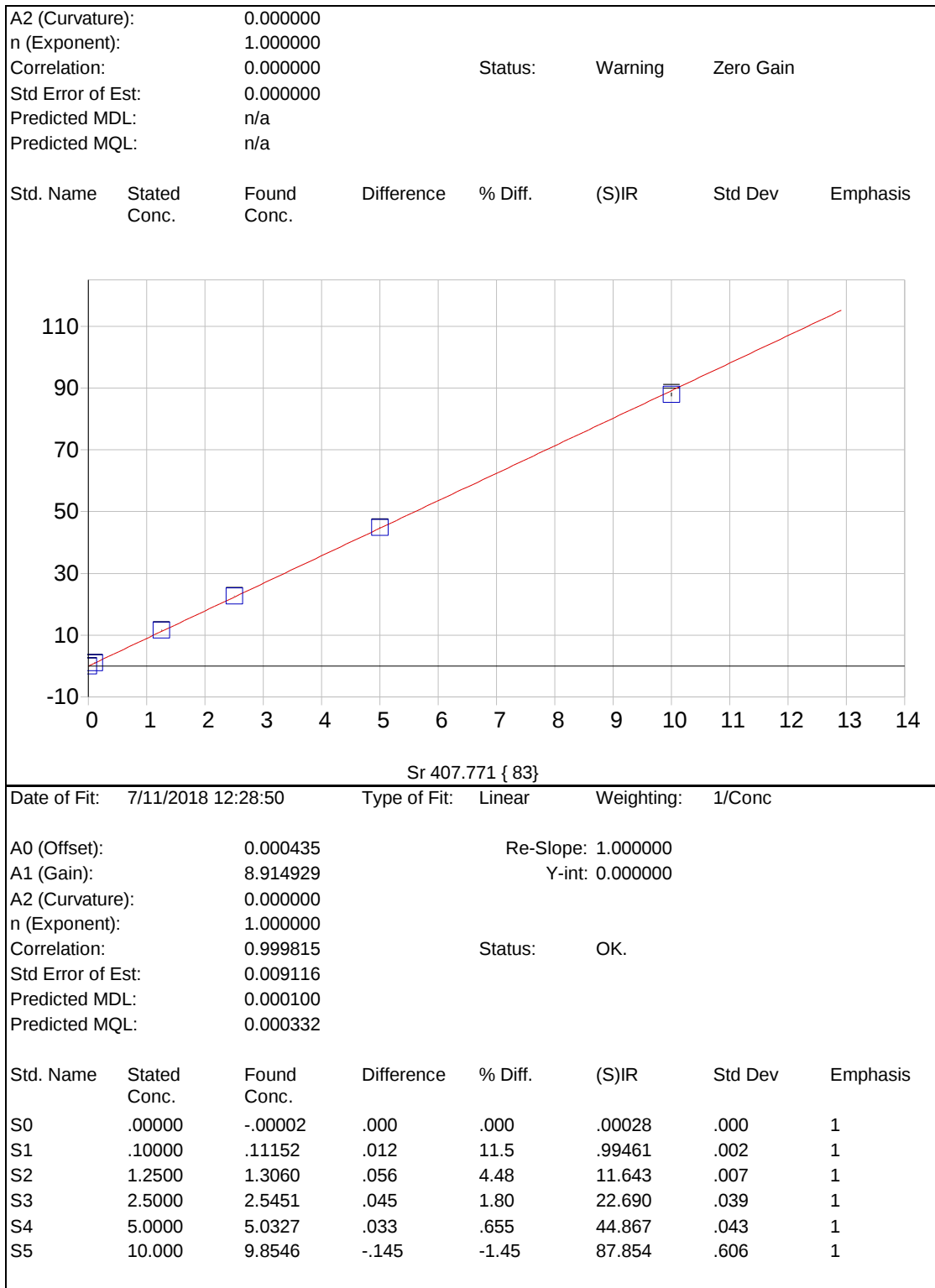


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/11/2018 12:04:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	-.00022	-.00014	-.00032	.00020	.00036	.00094	-.01798	-.00175
Stddev	.00010	.00012	.00011	.00017	.00022	.00042	.00496	.00023
%RSD	48.008	86.118	33.214	82.865	59.998	44.957	27.603	13.148

#1	-.00034	.00000	-.00042	.00001	.00015	.00097	-.02011	-.00160
#2	-.00017	-.00021	-.00034	.00033	.00058	.00050	-.02151	-.00164
#3	-.00015	-.00022	-.00021	.00028	.00036	.00134	-.01230	-.00202

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	.00032	.00235	.00000	-.00030	.00048	.00019	-.00018	-.00015
Stddev	.00011	.00025	.00008	.00013	.00036	.00027	.00020	.00020
%RSD	35.419	10.831	9632.0	42.831	75.913	143.72	111.90	129.45

#1	.00032	.00263	-.00008	-.00021	.00028	.00050	-.00013	.00003
#2	.00021	.00214	.00002	-.00026	.00090	.00004	-.00001	-.00036
#3	.00043	.00229	.00007	-.00045	.00026	.00002	-.00040	-.00013

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	-.00135	-.00069	-.00012	-.00010	-.00090	.01812	-.00081	.00101
Stddev	.00024	.00008	.00082	.00001	.00013	.00277	.00013	.00029
%RSD	18.094	11.803	669.86	7.3085	14.078	15.275	15.613	28.365

#1	-.00132	-.00069	.00063	-.00011	-.00102	.01503	-.00076	.00077
#2	-.00161	-.00061	-.00099	-.00010	-.00077	.01898	-.00095	.00093
#3	-.00112	-.00078	.00000	-.00009	-.00091	.02036	-.00071	.00132

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	.00007	.00413	.00288	.00017	.00183	.00163	.00028	
Stddev	.00017	.00015	.00037	.00004	.00023	.00206	.00048	
%RSD	233.37	3.6273	13.024	21.246	12.768	126.56	168.02	

#1	.00024	.00428	.00310	.00021	.00209	-.00067	-.00025	
#2	-.00010	.00414	.00244	.00014	.00175	.00332	.00065	
#3	.00008	.00398	.00309	.00016	.00164	.00224	.00045	

Sample Name: S0 Acquired: 7/11/2018 12:04:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	1710.1	1789.4	46623.	5028.0	2947.7
Stddev	12.8	1.4	186.	4.6	2.3
%RSD	.74652	.07934	.39871	.09143	.07649
#1	1698.1	1787.9	46477.	5030.6	2949.4
#2	1708.7	1789.5	46560.	5030.7	2945.1
#3	1723.6	1790.8	46832.	5022.7	2948.4

Sample Name: S1 Acquired: 7/11/2018 12:08:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.00024	.00095	.00136	.00240	.01080	.01734	.71566	.02848
Stddev	.00009	.00004	.00025	.00010	.00016	.00041	.00223	.00057
%RSD	36.710	4.7181	18.501	4.3485	1.4566	2.3719	.31101	1.9960

#1	.00033	.00090	.00153	.00244	.01062	.01779	.71309	.02867
#2	.00015	.00099	.00107	.00247	.01086	.01698	.71682	.02894
#3	.00026	.00096	.00148	.00228	.01092	.01725	.71706	.02785

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	.01370	.18358	.00156	.03613	.00370	.00142	.00217	.02505
Stddev	.00005	.00065	.00009	.00021	.00023	.00010	.00014	.00055
%RSD	.39752	.35150	6.0811	.59332	6.3405	6.9346	6.2825	2.1798

#1	.01365	.18431	.00157	.03614	.00353	.00149	.00224	.02560
#2	.01369	.18309	.00146	.03591	.00361	.00130	.00225	.02504
#3	.01376	.18333	.00165	.03634	.00397	.00146	.00201	.02451

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	.02270	.00115	.03751	.00294	.00183	.15301	-.00046	.00462
Stddev	.00023	.00006	.00130	.00004	.00037	.00093	.00003	.00041
%RSD	.99484	5.4465	3.4698	1.2283	19.990	.60869	6.5116	8.8501

#1	.02284	.00109	.03617	.00297	.00172	.15206	-.00044	.00447
#2	.02244	.00121	.03761	.00290	.00153	.15305	-.00049	.00430
#3	.02283	.00113	.03876	.00295	.00224	.15392	-.00044	.00508

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	.00911	.00542	.03585	.00075	.02719	.06253	.99461	
Stddev	.00018	.00010	.00010	.00011	.00030	.00090	.00172	
%RSD	1.9483	1.7964	.27527	15.119	1.0957	1.4428	.17299	

#1	.00921	.00536	.03597	.00087	.02722	.06295	.99308	
#2	.00890	.00553	.03581	.00065	.02688	.06149	.99647	
#3	.00921	.00537	.03578	.00073	.02747	.06315	.99426	

Sample Name: S1 Acquired: 7/11/2018 12:08:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	1711.6	1785.6	46878.	5057.6	2955.8
Stddev	1.4	1.6	160.	7.7	2.9
%RSD	.08218	.08737	.34086	.15282	.09870
#1	1713.3	1786.2	46821.	5064.3	2955.3
#2	1710.8	1786.7	47059.	5059.5	2958.9
#3	1710.8	1783.8	46755.	5049.1	2953.1

Sample Name: S2 Acquired: 7/11/2018 12:13:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.03517	.04968	.88859	.07125	.20796	2.9109	8.4794	.69147
Stddev	.00038	.00034	.00210	.00041	.00058	.0041	.0059	.00267
%RSD	1.0740	.68660	.23621	.57489	.27901	.14054	.06967	.38641

#1	.03490	.04938	.88641	.07109	.20758	2.9065	8.4778	.68993
#2	.03500	.04961	.88874	.07093	.20766	2.9115	8.4745	.68993
#3	.03560	.05005	.89060	.07171	.20862	2.9146	8.4859	.69456

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	1.5794	2.1961	.53066	.43701	.35868	.43293	.49934	.29440
Stddev	.0055	.0025	.00105	.00106	.00021	.00210	.00215	.00207
%RSD	.35027	.11459	.19796	.24176	.05878	.48511	.43122	.70193

#1	1.5743	2.1932	.52947	.43581	.35891	.43275	.49809	.29315
#2	1.5785	2.1969	.53108	.43740	.35863	.43092	.49811	.29326
#3	1.5853	2.1981	.53144	.43781	.35850	.43511	.50183	.29679

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	.34297	.05373	.25760	.03745	.14393	.97777	.02629	.41539
Stddev	.00135	.00011	.00048	.00031	.00104	.00377	.00008	.00301
%RSD	.39497	.20584	.18549	.82178	.72590	.38552	.31436	.72492

#1	.34177	.05365	.25726	.03722	.14318	.97472	.02620	.41520
#2	.34270	.05369	.25739	.03734	.14348	.98198	.02632	.41248
#3	.34443	.05386	.25814	.03780	.14512	.97661	.02636	.41849

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	1.0104	.03038	.41597	.10851	.29643	1.4070	11.643	
Stddev	.0019	.00039	.00321	.00031	.00086	.0044	.007	
%RSD	.18499	1.2781	.77133	.28755	.29050	.30953	.06231	

#1	1.0109	.03005	.41476	.10815	.29545	1.4075	11.652	
#2	1.0084	.03027	.41354	.10862	.29708	1.4024	11.639	
#3	1.0120	.03081	.41961	.10874	.29675	1.4111	11.640	

Sample Name: S2 Acquired: 7/11/2018 12:13:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	1654.9	1724.5	45658.	5063.7	2710.8
Stddev	13.4	1.5	118.	9.8	5.4
%RSD	.81204	.08606	.25858	.19293	.19807
#1	1639.6	1723.5	45627.	5060.9	2717.0
#2	1660.1	1726.2	45559.	5074.5	2708.1
#3	1665.0	1723.7	45789.	5055.6	2707.4

Sample Name: S3 Acquired: 7/11/2018 12:17:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.07028	.09674	1.7456	.14010	.41266	5.6821	16.684	1.3304
Stddev	.00044	.00037	.0045	.00073	.00061	.0322	.031	.0145
%RSD	.63285	.38356	.25499	.52358	.14665	.56710	.18488	1.0897

#1	.07005	.09715	1.7450	.13962	.41199	5.6849	16.718	1.3410
#2	.06999	.09644	1.7415	.13973	.41282	5.6486	16.658	1.3139
#3	.07079	.09662	1.7503	.14094	.41316	5.7128	16.676	1.3363

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	3.0848	4.2483	1.0205	.85972	.69434	.83162	.95974	.57213
Stddev	.0101	.0026	.0008	.00273	.00168	.00860	.00998	.00461
%RSD	.32753	.06187	.08099	.31769	.24178	1.0343	1.0403	.80530

#1	3.0792	4.2513	1.0212	.85890	.69576	.83235	.96239	.57224
#2	3.0788	4.2468	1.0207	.85750	.69249	.82268	.94869	.56747
#3	3.0965	4.2466	1.0196	.86277	.69478	.83983	.96813	.57668

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	.67444	.10592	.49907	.07127	.28250	1.9001	.05377	.80430
Stddev	.00233	.00038	.00156	.00064	.00226	.0096	.00067	.00735
%RSD	.34559	.35845	.31351	.89640	.79940	.50678	1.2548	.91377

#1	.67350	.10548	.50001	.07149	.28045	1.8985	.05380	.80712
#2	.67273	.10616	.49995	.07055	.28492	1.8913	.05309	.79596
#3	.67710	.10613	.49727	.07177	.28213	1.9104	.05444	.80982

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	1.9854	.05827	.79685	.21534	.57335	2.7488	22.690
Stddev	.0070	.00032	.00840	.00048	.00258	.0048	.039
%RSD	.35471	.54552	1.0544	.22123	.45002	.17415	.17123

#1	1.9812	.05790	.79928	.21514	.57467	2.7537	22.728
#2	1.9816	.05850	.78751	.21500	.57037	2.7441	22.650
#3	1.9936	.05840	.80378	.21589	.57500	2.7486	22.692

Sample Name: S3 Acquired: 7/11/2018 12:17:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	1634.8	1673.4	45359.	5088.0	2598.0
Stddev	4.1	5.7	142.	30.3	8.0
%RSD	.25205	.33859	.31237	.59626	.30932
#1	1638.5	1673.3	45340.	5078.3	2596.4
#2	1630.3	1679.2	45228.	5122.1	2606.8
#3	1635.4	1667.8	45509.	5063.8	2591.0

Sample Name: S4 Acquired: 7/11/2018 12:20:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.14171	.18603	3.4548	.27727	.83465	11.341	33.172	2.5994
Stddev	.00056	.00068	.0145	.00108	.00189	.024	.039	.0134
%RSD	.39545	.36504	.42046	.38866	.22656	.21473	.11714	.51616

#1	.14136	.18534	3.4421	.27655	.83335	11.323	33.177	2.5840
#2	.14142	.18669	3.4515	.27676	.83378	11.369	33.208	2.6089
#3	.14236	.18607	3.4706	.27851	.83682	11.331	33.131	2.6052

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	6.0616	8.3364	1.9801	1.7028	1.3679	1.6219	1.8713	1.1440
Stddev	.0263	.0127	.0022	.0098	.0026	.0044	.0047	.0016
%RSD	.43434	.15182	.10925	.57549	.18852	.27376	.25096	.13667

#1	6.0381	8.3334	1.9785	1.6943	1.3682	1.6183	1.8662	1.1423
#2	6.0565	8.3503	1.9826	1.7006	1.3704	1.6269	1.8724	1.1453
#3	6.0901	8.3255	1.9793	1.7135	1.3653	1.6205	1.8754	1.1445

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	1.3291	.21183	.98846	.14134	.57507	3.7902	.10944	1.5710
Stddev	.0026	.00055	.00371	.00026	.00606	.0127	.00002	.0064
%RSD	.19540	.26149	.37571	.18596	1.0535	.33469	.02077	.40560

#1	1.3278	.21130	.98433	.14128	.58145	3.7768	.10944	1.5638
#2	1.3275	.21240	.98950	.14163	.57437	3.8021	.10947	1.5758
#3	1.3321	.21179	.99154	.14111	.56940	3.7917	.10943	1.5734

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	3.9641	.11496	1.5481	.42777	1.1249	5.4830	44.867	
Stddev	.0123	.00018	.0064	.00206	.0052	.0126	.043	
%RSD	.30960	.15498	.41186	.48162	.46467	.23035	.09667	

#1	3.9572	.11479	1.5409	.42543	1.1218	5.4750	44.917	
#2	3.9568	.11494	1.5530	.42931	1.1310	5.4976	44.842	
#3	3.9782	.11515	1.5504	.42858	1.1220	5.4765	44.842	

Sample Name: S4 Acquired: 7/11/2018 12:20:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	1540.7	1575.8	43859.	4979.9	2434.6
Stddev	10.4	3.5	143.	26.0	5.5
%RSD	.67261	.22038	.32592	.52292	.22407
#1	1532.1	1578.2	43813.	4999.3	2440.4
#2	1537.8	1577.3	43744.	4950.3	2433.6
#3	1552.2	1571.8	44019.	4990.0	2429.6

Sample Name: S5 Acquired: 7/11/2018 12:24:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.30023	.36556	6.9808	.57498	1.7692	23.064	65.388	5.1207
Stddev	.00172	.00271	.0381	.00255	.0128	.037	.042	.0193
%RSD	.57371	.74208	.54527	.44417	.72187	.15855	.06442	.37643

#1	.29970	.36441	6.9679	.57361	1.7644	23.053	65.350	5.1120
#2	.29884	.36361	6.9509	.57339	1.7595	23.105	65.433	5.1073
#3	.30216	.36866	7.0237	.57792	1.7836	23.034	65.381	5.1428

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	12.055	16.543	3.8638	3.4215	2.7223	3.1721	3.6642	2.3156
Stddev	.063	.013	.0063	.0191	.0072	.0157	.0146	.0122
%RSD	.52229	.07696	.16368	.55813	.26374	.49410	.39954	.52676

#1	12.026	16.537	3.8623	3.4137	2.7306	3.1791	3.6703	2.3161
#2	12.013	16.534	3.8707	3.4075	2.7192	3.1831	3.6748	2.3276
#3	12.128	16.557	3.8584	3.4432	2.7173	3.1542	3.6475	2.3032

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	2.6557	.43349	1.9812	.28021	1.2036	7.6541	.23003	3.0367
Stddev	.0127	.00055	.0043	.00119	.0151	.0035	.00149	.0160
%RSD	.48026	.12573	.21930	.42384	1.2574	.04548	.64741	.52674

#1	2.6505	.43375	1.9812	.28074	1.2132	7.6539	.22931	3.0246
#2	2.6464	.43386	1.9855	.28104	1.2115	7.6577	.22904	3.0306
#3	2.6703	.43287	1.9769	.27885	1.1862	7.6507	.23175	3.0548

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	8.1635	.24086	3.0011	.86439	2.2285	11.111	87.854	
Stddev	.0512	.00252	.0148	.00646	.0056	.020	.606	
%RSD	.62743	1.0481	.49182	.74789	.24914	.18364	.68991	

#1	8.1360	.23922	2.9853	.86300	2.2331	11.113	87.790	
#2	8.1320	.23961	3.0036	.85873	2.2301	11.130	88.489	
#3	8.2226	.24377	3.0145	.87143	2.2223	11.090	87.282	

Sample Name: S5 Acquired: 7/11/2018 12:24:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	1440.0	1441.0	42370.	4931.7	2249.0
Stddev	10.9	8.5	164.	3.4	11.6
%RSD	.76026	.59292	.38820	.06793	.51681
#1	1433.7	1445.6	42268.	4935.6	2252.6
#2	1433.8	1446.3	42283.	4929.6	2258.3
#3	1452.7	1431.2	42560.	4929.9	2235.9

Sample Name: S6 Acquired: 7/11/2018 12:28:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	64.235	26.736	8.7910	3.9273	5.7522
Stddev	.117	.035	.0197	.0155	.0150
%RSD	.18251	.13076	.22448	.39456	.26012

#1	64.130	26.730	8.7722	3.9122	5.7454
#2	64.362	26.705	8.8116	3.9432	5.7694
#3	64.213	26.774	8.7891	3.9266	5.7419

Int. Std.	Y_3710
Units	Cts/S
Avg	4796.3
Stddev	17.8
%RSD	.37083

#1	4816.7
#2	4784.1
#3	4788.0

Sample Name: ICV Acquired: 7/11/2018 12:33:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.9806650	1.096721	1.010459	1.008960	.9496334	2.404619
Stddev	.0083527	.006421	.005501	.010707	.0028987	.017984
%RSD	.8517378	.5854699	.5443837	1.061198	.3052463	.7478938

#1	.9718272	1.092156	1.010159	.997647	.9476566	2.424968
#2	.9884286	1.104063	1.005114	1.010299	.9482827	2.398034
#3	.9817392	1.093943	1.016103	1.018936	.9529610	2.390856

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5297202	.5217545	.5056853	10.21773	F .5480275	.5029205
Stddev	.0017012	.0037149	.0006666	.03058	.0014076	.0012933
%RSD	.3211533	.7120098	.1318291	.2992888	.2568489	.2571571

#1	.5298255	.5227468	.5053057	10.22698	.5474189	.5028145
#2	.5279687	.5248725	.5052952	10.18359	.5496370	.5016835
#3	.5313663	.5176442	.5064551	10.24261	.5470266	.5042636

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5438744	5.506928	F .5547170	5.896227	.5200941	.5082561
Stddev	.0029416	.057038	.0068620	.032907	.0018036	.0013016
%RSD	.5408580	1.035757	1.237023	.5581037	.3467837	.2560815

#1	.5470065	5.509321	.5620113	5.863279	.5189434	.5071405
#2	.5411703	5.562733	.5537498	5.929093	.5191662	.5079417
#3	.5434463	5.448732	.5483900	5.896308	.5221728	.5096860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.924872	.5425645	1.001748	10.11370	F .0152123	F 2.682725
Stddev	.304836	.0070402	.009542	.09231	.0031906	.022197
%RSD	3.071435	1.297586	.9525020	.9127441	20.97379	.8274149

#1	9.576016	.5469418	1.012175	10.21986	.0133050	2.690841
#2	10.13992	.5463082	.993453	10.06887	.0188957	2.699721
#3	10.05868	.5344433	.999615	10.05236	.0134362	2.657611

Sample Name: ICV Acquired: 7/11/2018 12:33:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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 2.522404	-.074445	2.601046	F 2.504881	2.710122	.0055198
Stddev	.004864	.001022	.017973	.007540	.006831	.0007234
%RSD	.1928510	1.372810	.6910083	.3010279	.2520732	13.10562
#1	2.516788	-.075193	2.600249	2.498056	2.716613	.0058098
#2	2.525127	-.074862	2.619404	2.503611	2.710758	.0060531
#3	2.525298	-.073281	2.583484	2.512975	2.702994	.0046963

Elem	Sr4077
Units	ppm
Avg	.0122616
Stddev	.0001434
%RSD	1.169361
#1	.0122690
#2	.0124011
#3	.0121146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.542	1792.002	47228.38	5174.654	2942.288
Stddev	2.792	2.056	117.13	30.829	4.182
%RSD	.1615915	.1147320	.2480067	.5957728	.1421206
#1	1725.350	1792.989	47208.67	5171.475	2941.879
#2	1730.685	1793.377	47122.35	5145.538	2946.659
#3	1726.592	1789.638	47354.11	5206.950	2938.326

Sample Name: ICB Acquired: 7/11/2018 12:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051382	-.000357	-.000245	.0061115	.0012204	.0019487
Stddev	.0013834	.001487	.000791	.0027837	.0012119	.0136310
%RSD	26.92401	416.8007	322.6323	45.54856	99.30310	699.4881

#1	.0041988	-.001847	-.000667	.0030204	.0006579	-.005574
#2	.0044890	-.000351	-.000737	.0084205	.0026114	-.006263
#3	.0067268	.001128	.000667	.0068935	.0003920	.017683

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001423	.0001102	.0000480	-.018229	-.000265	.0001631
Stddev	.0010720	.0000675	.0000982	.007720	.000311	.0001261
%RSD	753.5108	61.30893	204.5573	42.34984	117.3114	77.27038

#1	-.000994	.0000326	.0001473	-.012627	-.000512	.0000271
#2	.000285	.0001417	.0000458	-.027035	-.000369	.0002759
#3	.001136	.0001562	-.000049	-.015025	.000084	.0001864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012022	-.004435	-.000141	-.087819	.0001174	.0005056
Stddev	.0031663	.006580	.001520	.011198	.0005009	.0002901
%RSD	263.3816	148.3766	1078.694	12.75177	426.7377	57.37455

#1	.0042441	-.003090	-.001856	-.075686	-.000459	.0006511
#2	.0014379	-.011583	.000393	-.090013	.000443	.0006940
#3	-.002075	.001369	.001040	-.097758	.000368	.0001715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.114781	-.006155	.0089722	.0345589	-.000066	.0108068
Stddev	.061284	.002024	.0108716	.0188285	.003303	.0006177
%RSD	53.39239	32.88279	121.1699	54.48230	4986.750	5.715887

#1	-.126918	-.008272	.0089789	.0153676	-.001034	.0102123
#2	-.048336	-.005953	.0198404	.0353068	.003613	.0114454
#3	-.169088	-.004239	-.001903	.0530023	-.002778	.0107626

Sample Name: ICB Acquired: 7/11/2018 12:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002348	F -.083989	.0001112	-.001005	-.000132	.0011560
Stddev	.0001943	.004789	.0006595	.001191	.002805	.0001288
%RSD	82.73641	5.701916	592.9061	118.5391	2122.467	11.14557

#1	.0000784	-.088270	.0006040	-.002038	-.001819	.0011675
#2	.0001737	-.078818	-.000638	-.001274	-.001683	.0012787
#3	.0004523	-.084880	.000368	.000298	.003106	.0010218

Elem	Sr4077
Units	ppm
Avg	-.000133
Stddev	.000038
%RSD	28.56342

#1	-.000099
#2	-.000127
#3	-.000174

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.898	1798.430	47790.56	5146.233	2980.152
Stddev	3.572	4.334	238.68	14.168	4.636
%RSD	.2054069	.2410103	.4994232	.2753021	.1555744

#1	1741.391	1803.431	48031.47	5155.200	2982.547
#2	1734.806	1796.103	47554.18	5153.600	2983.101
#3	1740.498	1795.756	47786.04	5129.900	2974.808

Sample Name: ICSA Acquired: 7/11/2018 12:41:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.0055032	-.005949	-.000437	.0041597	.0005997	242.5821
Stddev	.0011219	.006444	.003104	.0061661	.0015928	.4518
%RSD	20.38577	108.3286	709.9931	148.2358	265.5919	.1862355

#1	.0057850	.001105	-.003285	.0096954	.0001187	242.1964
#2	.0064573	-.007423	-.000898	.0052697	-.000697	243.0791
#3	.0042673	-.011528	.002871	-.002486	.002378	242.4707

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058227	.0011413	-.000793	246.2962	.0531722	.0008047
Stddev	.0013486	.0001076	.000085	.1757	.0003797	.0003559
%RSD	23.16131	9.428428	10.74349	.0713346	.7140721	44.23064

#1	.0069788	.0010176	-.000805	246.1556	.0535419	.0011985
#2	.0061481	.0012130	-.000871	246.4931	.0531915	.0005061
#3	.0043412	.0011933	-.000702	246.2398	.0527832	.0007094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006146	103.7427	.0132088	255.8797	.0008810	-.004539
Stddev	.0056971	.1403	.0006268	.0839	.0007537	.000276
%RSD	926.9651	.1352699	4.745315	.0327698	85.54515	6.070671

#1	.0030054	103.8269	.0130387	255.9070	.0003790	-.004803
#2	-.005888	103.8204	.0126847	255.9464	.0017477	-.004560
#3	.004727	103.5806	.0139031	255.7855	.0005164	-.004253

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1784014	.0030987	.0014321	-.107551	.0031105	F .0502761
Stddev	.0072947	.0020372	.0139672	.091644	.0054110	.0016729
%RSD	4.088949	65.74243	975.3119	85.21005	173.9612	3.327341

#1	.1854409	.0033253	-.012861	-.212956	.0010985	.0494219
#2	.1788875	.0009577	.015049	-.062958	.0092393	.0522036
#3	.1708758	.0050131	.002108	-.046737	-.001006	.0492028

Sample Name: ICSA Acquired: 7/11/2018 12:41:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.0016403	-.070644	-.003220	-.006282	-.001700	.0083151
Stddev	.0006576	.004682	.002088	.002465	.001672	.0010473
%RSD	40.09231	6.627414	64.83812	39.23924	98.38644	12.59506

#1	.0008973	-.066670	-.001153	-.004728	-.003617	.0077717
#2	.0021478	-.075805	-.003178	-.009124	-.000941	.0076511
#3	.0018757	-.069458	-.005327	-.004994	-.000541	.0095224

Elem	Sr4077
Units	ppm
Avg	.1049504
Stddev	.0001334
%RSD	.1271474

#1	.1051003
#2	.1048446
#3	.1049063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.304	1672.475	44450.39	5026.267	2543.296
Stddev	6.496	4.849	103.48	14.048	8.578
%RSD	.4001922	.2899568	.2327916	.2794940	.3372865

#1	1624.226	1674.019	44444.82	5010.646	2546.067
#2	1616.396	1676.364	44556.54	5037.864	2550.146
#3	1629.290	1667.041	44349.81	5030.291	2533.675

Sample Name: ICSAB Acquired: 7/11/2018 12:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.0994285	.1072912	.0506045	.0550880	.5927468	245.2082
Stddev	.0058796	.0031825	.0027769	.0072122	.0034491	.7211
%RSD	5.913375	2.966219	5.487503	13.09223	.5818796	.2940702

#1	.1020712	.1037272	.0501568	.0473945	.5897195	245.2050
#2	.1035231	.1098489	.0480787	.0616960	.5920193	245.9309
#3	.0926913	.1082974	.0535781	.0561736	.5965016	244.4887

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5365103	.5390223	1.044317	248.0144	.6041638	.5202031
Stddev	.0022339	.0029726	.004564	.3936	.0010253	.0030286
%RSD	.4163695	.5514867	.4369936	.1586890	.1697085	.5822023

#1	.5372233	.5398652	1.039828	247.9753	.6034727	.5182228
#2	.5383007	.5414825	1.044171	248.4261	.6053419	.5186968
#3	.5340070	.5357193	1.048952	247.6418	.6036768	.5236895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5289621	105.0292	.5602973	258.2935	1.052210	.1983536
Stddev	.0017452	.3227	.0014203	.1137	.004571	.0006778
%RSD	.3299192	.3072202	.2534876	.0440343	.4343830	.3417323

#1	.5306695	105.4010	.5616339	258.2218	1.047906	.1982191
#2	.5290352	104.8226	.5588060	258.4246	1.051717	.1990886
#3	.5271815	104.8638	.5604519	258.2339	1.057007	.1977531

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3181617	.5369719	1.024706	-.144046	.0148182	F .0515815
Stddev	.3271421	.0082672	.024038	.031432	.0036350	.0025506
%RSD	102.8226	1.539600	2.345890	21.82086	24.53048	4.944701

#1	.3930885	.5410404	1.045425	-.177619	.0109964	.0538258
#2	.6013405	.5424164	1.030343	-.139201	.0182319	.0488078
#3	-.039944	.5274588	.998349	-.115318	.0152264	.0521111

Sample Name: ICSAB Acquired: 7/11/2018 12:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) 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	.0025922	-.072297	-.002075	-.005400	-.002483	.0098435
Stddev	.0001294	.001777	.002033	.003414	.000537	.0006901
%RSD	4.989810	2.458593	97.94770	63.22825	21.61764	7.010742

#1	.0027076	-.070620	-.004195	-.006847	-.001940	.0095663
#2	.0024524	-.072110	-.001889	-.001500	-.002494	.0106291
#3	.0026168	-.074161	-.000142	-.007852	-.003014	.0093351

Elem	Sr4077
Units	ppm
Avg	.1058497
Stddev	.0000536
%RSD	.0506161

#1	.1058958
#2	.1058625
#3	.1057909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1621.462	1665.089	44548.86	5020.281	2541.416
Stddev	8.760	5.271	167.20	40.630	6.397
%RSD	.5402281	.3165443	.3753088	.8093272	.2517089

#1	1613.614	1668.486	44385.81	4998.904	2544.488
#2	1619.861	1667.763	44540.86	4994.801	2545.697
#3	1630.912	1659.017	44719.92	5067.137	2534.062

Sample Name: CCV064 Acquired: 7/11/2018 12:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.904817	4.891953	24.71816	4.906684	4.947485	406.7311	10.16454
Stddev	.014231	.030373	.10233	.016032	.021906	.7696	.01082
%RSD	.2901510	.6208672	.4139687	.3267315	.4427771	.1892277	.1064601

#1	4.902586	4.876346	24.66967	4.889003	4.934003	407.5365	10.16156
#2	4.891832	4.872557	24.64908	4.910779	4.935691	406.0031	10.15551
#3	4.920032	4.926956	24.83571	4.920272	4.972762	406.6536	10.17653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5106652	2.480894	406.7906	15.38444	2.509739	15.13172	409.0743
Stddev	.0022419	.012459	.6821	.00633	.013332	.03425	.8054
%RSD	.4390208	.5022158	.1676673	.0411187	.5312148	.2263169	.1968933

#1	.5114516	2.475466	406.2596	15.37713	2.503599	15.09634	409.9456
#2	.5081360	2.472068	406.5523	15.38806	2.500583	15.13411	408.3569
#3	.5124080	2.495146	407.5598	15.38812	2.525035	15.16470	408.9204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19124	410.1724	2.507765	1.241883	405.1599	2.539614	14.97771
Stddev	.06598	1.5647	.011543	.003938	.4353	.014072	.14736
%RSD	.4343467	.3814733	.4603074	.3170640	.1074447	.5541165	.9838472

#1	15.26215	411.6005	2.504881	1.246248	404.6625	2.545560	15.14424
#2	15.13164	408.4999	2.497937	1.238599	405.3457	2.523545	14.92468
#3	15.17993	410.4168	2.520477	1.240801	405.4716	2.549738	14.86421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.9189	5.270011	5.121798	4.886007	5.109698	5.006304	5.006365
Stddev	.1757	.029383	.016900	.021800	.035145	.011794	.013141
%RSD	.1141474	.5575545	.3299608	.4461799	.6878071	.2355914	.2624878

#1	153.8863	5.237574	5.141222	4.871667	5.103092	5.012152	5.001578
#2	153.7618	5.277612	5.110458	4.875260	5.078325	4.992728	4.996288
#3	154.1086	5.294847	5.113714	4.911095	5.147677	5.014031	5.021229

Sample Name: CCV064 Acquired: 7/11/2018 12:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.042937	5.079239	5.067936
Stddev	.015066	.009693	.007443
%RSD	.2987639	.1908321	.1468736

#1	5.034442	5.071652	5.072722
#2	5.034036	5.075907	5.059360
#3	5.060333	5.090158	5.071725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.085	1511.094	42380.44	4890.322	2280.387
Stddev	7.896	4.557	146.30	13.852	7.041
%RSD	.5292157	.3015374	.3452036	.2832555	.3087700

#1	1486.150	1512.621	42396.92	4874.475	2280.875
#2	1489.058	1514.691	42226.60	4896.367	2287.171
#3	1501.047	1505.970	42517.80	4900.125	2273.114

Sample Name: CCB064 Acquired: 7/11/2018 12:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041573	-.002916	.0005379	.0029119	-.000421	-.000755
Stddev	.0008198	.002855	.0004663	.0006070	.000130	.004732
%RSD	19.71881	97.90655	86.67900	20.84509	30.96736	626.3819

#1	.0047068	-.005977	.0009290	.0024184	-.000422	.004503
#2	.0032151	-.002446	.0000219	.0027276	-.000551	-.004670
#3	.0045502	-.000325	.0006628	.0035897	-.000290	-.002099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000778	.0001864	.0000127	-.015578	.0001322	.0002717
Stddev	.000989	.0000344	.0000543	.004008	.0000505	.0003554
%RSD	127.1928	18.43290	427.4750	25.72763	38.21214	130.8362

#1	-.000859	.0001612	.0000754	-.016682	.0001614	-.000137
#2	-.001724	.0001725	-.000016	-.011134	.0001614	.000505
#3	.000250	.0002256	-.000021	-.018918	.0000739	.000448

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018993	.0042706	.0004773	-.069042	-.000194	-.000030
Stddev	.0017296	.0207296	.0011044	.044907	.000164	.000095
%RSD	91.06541	485.4002	231.3781	65.04372	84.89353	315.6880

#1	.0021576	-.016998	.0007776	-.037497	-.000144	.000079
#2	.0000551	.024415	.0014005	-.120456	-.000377	-.000073
#3	.0034852	.005395	-.000746	-.049172	-.000060	-.000096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095738	-.001544	F .0129639	-.012056	.0002381	.0085479
Stddev	.368116	.001351	.0088036	.051070	.0030001	.0008425
%RSD	384.5042	87.49869	67.90884	423.6101	1259.750	9.856395

#1	-.328598	-.002174	.0230892	.016998	-.001216	.0084675
#2	.328656	.000007	.0071190	-.071024	.003688	.0094277
#3	-.287272	-.002465	.0086833	.017859	-.001758	.0077485

Sample Name: CCB064 Acquired: 7/11/2018 12:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005423	F -.093510	-.000887	-.000156	-.001033	.0005803
Stddev	.0004591	.001547	.001090	.001462	.000453	.0012942
%RSD	84.64498	1.654688	122.8915	938.4541	43.81947	223.0193

#1	.0000827	-.094605	-.000203	.000166	-.000762	.0011786
#2	.0005434	-.094185	-.002143	.001119	-.000781	-.000905
#3	.0010009	-.091740	-.000314	-.001752	-.001556	.001467

Elem	Sr4077
Units	ppm
Avg	-.000033
Stddev	.000088
%RSD	269.1916

#1	-.000084
#2	-.000084
#3	.000069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.473	1785.889	47157.73	5130.217	2968.192
Stddev	12.721	2.658	318.62	21.615	4.678
%RSD	.7402370	.1488113	.6756515	.4213191	.1576108

#1	1718.644	1788.308	47264.10	5111.400	2963.959
#2	1731.108	1786.315	47409.56	5125.425	2973.215
#3	1705.668	1783.045	46799.53	5153.825	2967.403

Sample Name: J3788-09DLX2 Acquired: 7/11/2018 12:57:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741500	-.001635	2.747805	.0069922	.0044675	40.00322	1.320860
Stddev	.0014139	.004472	.010628	.0039834	.0026893	.02634	.002069
%RSD	1.906778	273.4406	.3867973	56.96942	60.19646	.0658514	.1566764

#1	.0757740	.003060	2.738902	.0071782	.0050885	39.97283	1.319350
#2	.0734832	-.002122	2.744940	.0029190	.0067919	40.01730	1.320011
#3	.0731929	-.005844	2.759572	.0108793	.0015220	40.01953	1.323218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058560	.3661349	50.55844	.0832551	.0421515	.6441166	119.0054
Stddev	.0001092	.0011493	.13866	.0005145	.0005041	.0050703	.3287
%RSD	1.865090	.3139099	.2742625	.6179503	1.195933	.7871643	.2762228

#1	.0058462	.3651968	50.41155	.0827245	.0416272	.6489823	119.0496
#2	.0057520	.3657909	50.57671	.0832892	.0421948	.6445036	119.3098
#3	.0059698	.3674169	50.68707	.0837517	.0426326	.6388640	118.6568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.469417	22.22623	.1003128	.0022887	1.078827	.1282535	19.25418
Stddev	.003178	.08616	.0004872	.0002026	.252652	.0031987	.20276
%RSD	.1287020	.3876319	.4856705	8.850834	23.41912	2.494054	1.053064

#1	2.466790	22.21734	.0997875	.0022812	.789947	.1316199	19.41637
#2	2.472950	22.31649	.1004012	.0020899	1.258541	.1252541	19.02686
#3	2.468512	22.14486	.1007497	.0024948	1.187993	.1278867	19.31929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.397610	6.078782	.1517936	.0147831	2.161569	10.73744	.0482734
Stddev	.070114	.027593	.0015746	.0001423	.006429	.05703	.0014755
%RSD	.9477908	.4539192	1.037340	.9625651	.2974140	.5311671	3.056468

#1	7.400299	6.056531	.1519020	.0146295	2.162504	10.67407	.0492231
#2	7.466341	6.070158	.1501676	.0148093	2.154724	10.78466	.0465736
#3	7.326191	6.109656	.1533112	.0149105	2.167480	10.75358	.0490235

Sample Name: J3788-09DLX2 Acquired: 7/11/2018 12:57:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6103431	.0480797	.1889389
Stddev	.0062094	.0012185	.0000862
%RSD	1.017356	2.534241	.0456464

#1	.6048297	.0468362	.1890075
#2	.6170694	.0481313	.1889672
#3	.6091301	.0492715	.1888421

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.080	1878.275	50294.20	5530.433	2852.920
Stddev	7.926	2.798	168.99	13.567	4.904
%RSD	.4352243	.1489554	.3360045	.2453226	.1718991

#1	1814.709	1880.222	50099.10	5545.991	2854.866
#2	1829.955	1879.534	50394.92	5521.058	2856.552
#3	1818.576	1875.069	50388.57	5524.252	2847.341

Sample Name: CCV065 Acquired: 7/11/2018 13:09:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856526	4.796078	24.25193	4.828965	4.910274	400.4413	10.00824
Stddev	.045820	.062765	.22562	.047165	.046439	2.0333	.04639
%RSD	.9434763	1.308680	.9303039	.9767132	.9457533	.5077575	.4635525

#1	4.820296	4.739063	24.02631	4.787991	4.863194	401.9795	10.05815
#2	4.841250	4.785838	24.25195	4.818382	4.911582	401.2083	10.00012
#3	4.908033	4.863334	24.47754	4.880523	4.956044	398.1361	9.96644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4951183	2.417489	398.5579	14.98172	2.443646	14.81817	403.8685
Stddev	.0034803	.020848	2.4189	.00506	.022415	.07140	2.5979
%RSD	.7029293	.8623832	.6069027	.0337472	.9172933	.4818331	.6432531

#1	.4981878	2.398360	401.2883	14.98567	2.424264	14.90011	405.4940
#2	.4958300	2.414397	397.7020	14.98347	2.438480	14.78507	405.2392
#3	.4913372	2.439710	396.6833	14.97602	2.468193	14.76933	400.8723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88341	402.1550	2.472385	1.210631	399.4682	2.483375	14.47641
Stddev	.10381	2.8566	.021193	.002885	2.2812	.031509	.06427
%RSD	.6974659	.7103242	.8571725	.2383072	.5710479	1.268817	.4439299

#1	14.92662	403.7402	2.451274	1.207902	400.8109	2.481170	14.45434
#2	14.95864	403.8675	2.472221	1.210341	400.7594	2.515930	14.42608
#3	14.76498	398.8573	2.493659	1.213651	396.8343	2.453027	14.54880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7966	5.196908	4.970181	4.796627	5.014005	4.856079	4.927809
Stddev	.6051	.061695	.037006	.036859	.059988	.040181	.043849
%RSD	.3985995	1.187140	.7445637	.7684269	1.196406	.8274324	.8898234

#1	152.3202	5.151115	5.002242	4.761856	4.977799	4.888633	4.886328
#2	151.9355	5.172545	4.978616	4.792758	4.980967	4.868434	4.923405
#3	151.1342	5.267064	4.929686	4.835268	5.083249	4.811172	4.973693

Sample Name: CCV065 Acquired: 7/11/2018 13:09:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.933693	4.976122	4.955169
Stddev	.017819	.021749	.029511
%RSD	.3611744	.4370629	.5955598

#1	4.941405	4.998939	4.985888
#2	4.946357	4.973800	4.952583
#3	4.913317	4.955628	4.927036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.935	1510.166	42716.60	4942.405	2288.003
Stddev	2.638	8.578	147.79	48.501	12.551
%RSD	.1765585	.5680072	.3459707	.9813163	.5485552

#1	1490.940	1518.055	42557.06	4901.158	2298.860
#2	1494.954	1511.409	42743.93	4930.220	2290.888
#3	1495.911	1501.035	42848.82	4995.836	2274.260

Sample Name: CCB065 Acquired: 7/11/2018 13:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010386	-.000646	.0007045	.0024017	-.002217	-.000307	-.001919
Stddev	.0018781	.000990	.0011356	.0038814	.000393	.011887	.000473
%RSD	180.8246	153.2294	161.1978	161.6142	17.70611	3877.551	24.64400

#1	.0028821	-.000534	-.000189	-.001508	-.002629	.008264	-.001627
#2	.0011059	.000283	.001982	.006254	-.001847	.004693	-.002465
#3	-.000872	-.001687	.000321	.002458	-.002177	-.013877	-.001666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001194	.0000485	-.021972	.0000035	.0001846	.0023679	.0105159
Stddev	.0001079	.0000638	.012725	.0004004	.0001606	.0034844	.0035652
%RSD	90.32747	131.4738	57.91641	11540.49	87.01877	147.1542	33.90313

#1	.0001035	-.000013	-.011566	-.000458	.0001997	-.001505	.0079896
#2	.0002344	.000115	-.018190	.000258	.0003371	.003359	.0089640
#3	.0000204	.000043	-.036159	.000211	.0000169	.005249	.0145940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000545	.0253808	.0000856	.0005162	-.031796	.0008609	.0109582
Stddev	.000681	.0287178	.0004646	.0005949	.302246	.0032692	.0080537
%RSD	124.8987	113.1477	542.5153	115.2439	950.5825	379.7557	73.49482

#1	.000040	-.006227	.0006061	-.000135	.046134	-.001226	.0021493
#2	-.000384	.049869	-.000287	.000653	-.365375	-.000820	.0127812
#3	-.001292	.032500	-.000062	.001031	.223854	.004628	.0179442

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033324	.0007521	.0093507	.0001828	-.090670	-.000997	-.000495
Stddev	.041067	.0006845	.0007194	.0001118	.005075	.002194	.000324
%RSD	123.2347	91.00896	7.693621	61.15931	5.596895	220.0137	65.44277

#1	-.073584	-.000034	.0100221	.0002738	-.094195	-.000170	-.000296
#2	.008504	.001215	.0085914	.0000580	-.084854	-.003484	-.000869
#3	-.034892	.001075	.0094387	.0002167	-.092963	.000662	-.000321

Sample Name: CCB065 Acquired: 7/11/2018 13:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v597) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011785	.0006446	-.000066
Stddev	.0007327	.0009005	.000026
%RSD	62.17574	139.6910	38.79910

#1	.0003896	.0014760	-.000073
#2	.0013081	-.000312	-.000088
#3	.0018378	.000770	-.000038

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.676	1784.277	47759.43	5168.750	2965.932
Stddev	19.011	7.226	113.11	22.759	10.991
%RSD	1.095303	.4050003	.2368331	.4403106	.3705767

#1	1747.779	1792.385	47815.73	5162.775	2978.595
#2	1713.765	1781.928	47629.22	5149.575	2958.860
#3	1745.486	1778.517	47833.35	5193.900	2960.343