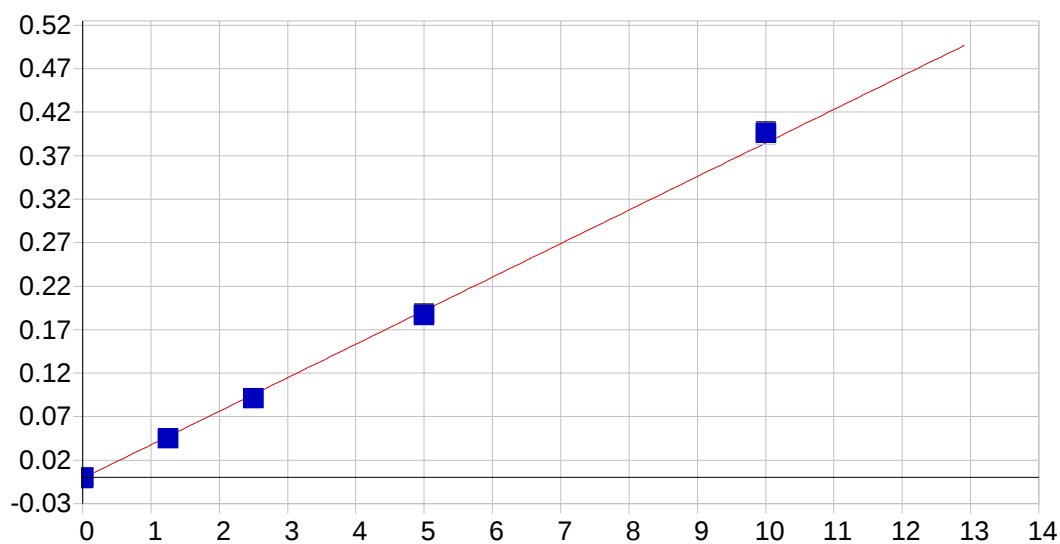


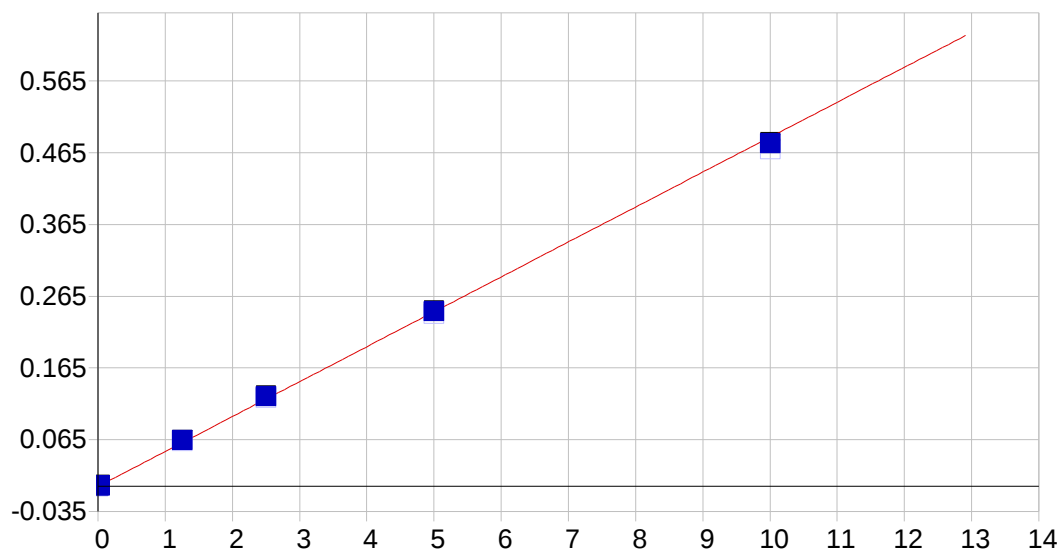


As 189.042 {479}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000879 Re-Slope: 1.000000
 A1 (Gain): 0.038557 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999405 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.009424
 Predicted MQL: 0.031413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.01000	.01171	.002	17.1	-.00043	.000	1
S2	1.2500	1.1836	-.066	-5.31	.04443	.000	1
S3	2.5000	2.3812	-.119	-4.75	.09027	.000	1
S4	5.0000	4.8755	-.125	-2.49	.18578	.001	1
S5	10.000	10.308	.308	3.08	.39391	.001	1



TI 190.856 {477}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000117

Re-Slope: 1.000000

A1 (Gain): 0.048691

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999707

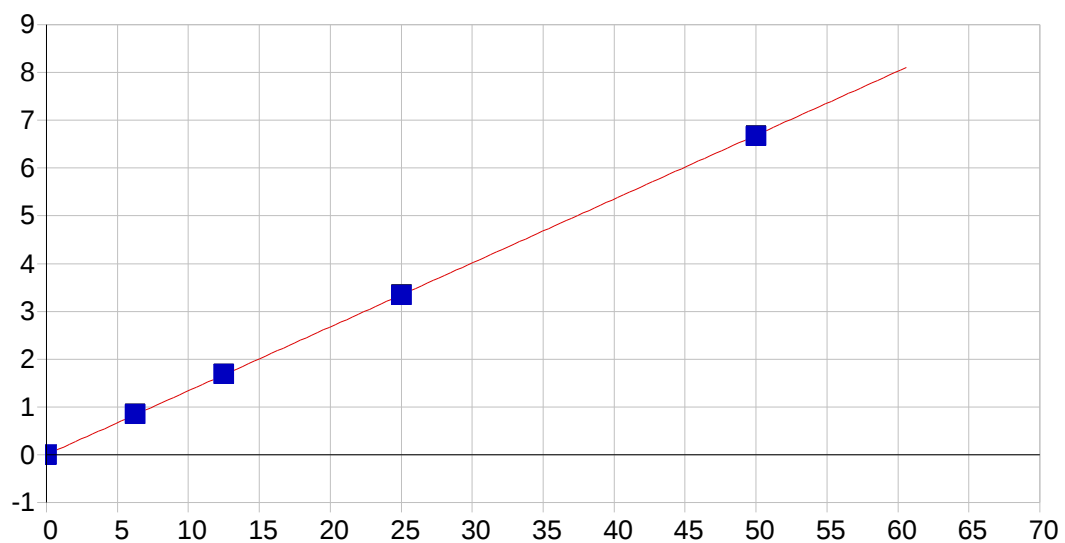
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.005279

Predicted MQL: 0.017598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00012	.000	1
S1	.02500	.02903	.004	16.1	.00119	.000	1
S2	1.2500	1.3228	.073	5.82	.06318	.000	1
S3	2.5000	2.5796	.080	3.18	.12327	.001	1
S4	5.0000	5.0205	.020	.409	.23991	.001	1
S5	10.000	9.8235	-.177	-1.77	.46935	.001	1



Pb 220.353 {453}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000253

Re-Slope: 1.000000

A1 (Gain): 0.133775

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999990

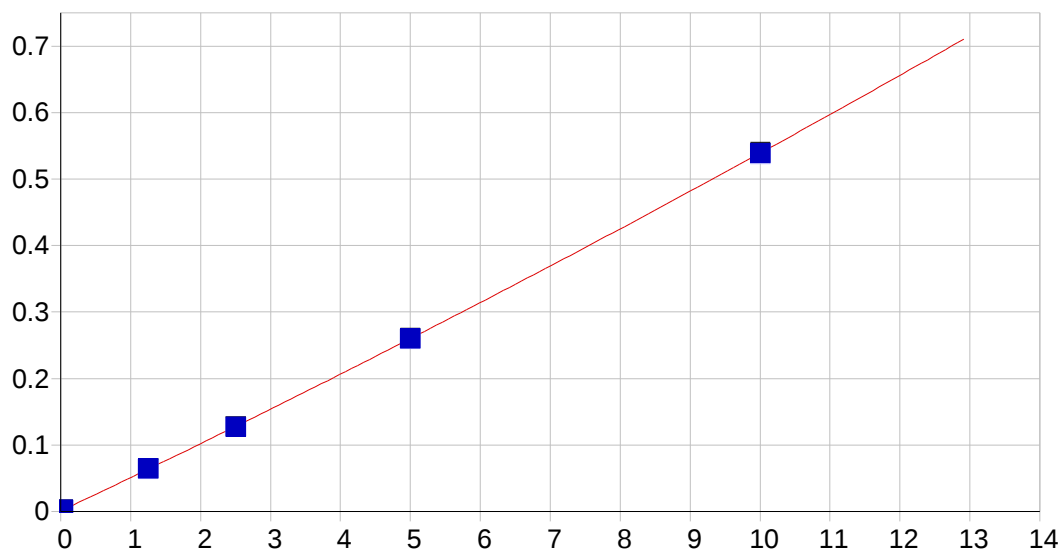
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.002719

Predicted MQL: 0.009065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.00967	.000	-3.28	.00104	.000	1
S2	6.2500	6.3353	.085	1.37	.84720	.000	1
S3	12.500	12.569	.069	.556	1.6811	.007	1
S4	25.000	24.970	-.030	-.122	3.3398	.006	1
S5	50.000	49.876	-.124	-.248	6.6714	.006	1



Se 196.090 {472}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000679

Re-Slope: 1.000000

A1 (Gain): 0.049907

Y-int: 0.000000

A2 (Curvature): 0.000392

n (Exponent): 1.000000

Correlation: 0.999996

Status: Warning

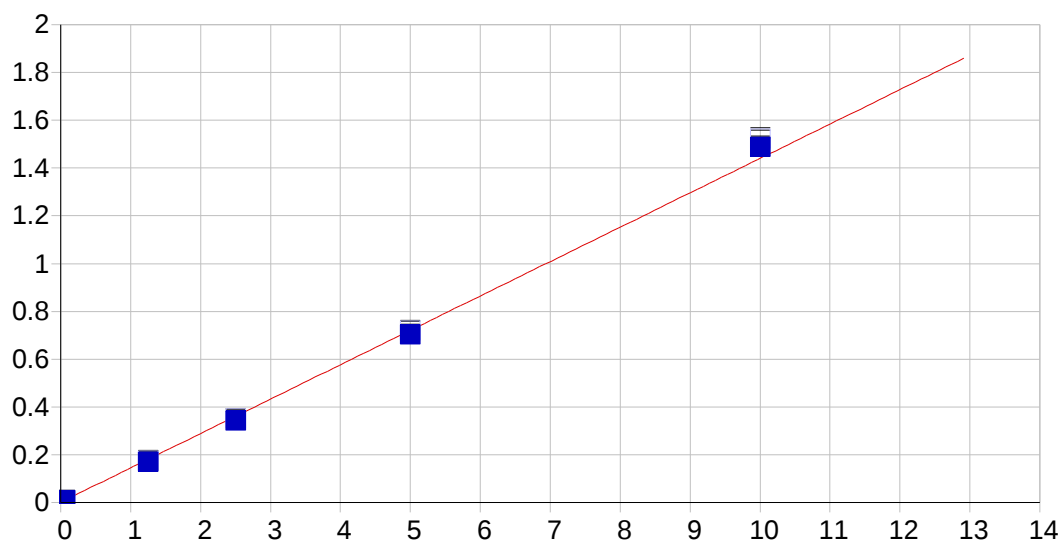
Positive Curvature

Std Error of Est: 0.000005

Predicted MDL: 0.007934

Predicted MQL: 0.026448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.03500	.03643	.001	4.08	.00250	.000	1
S2	1.2500	1.2594	.009	.748	.06392	.000	1
S3	2.5000	2.4912	-.009	-.353	.12698	.001	1
S4	5.0000	4.9946	-.005	-.107	.25881	.001	1
S5	10.000	10.003	.003	.034	.53732	.001	1

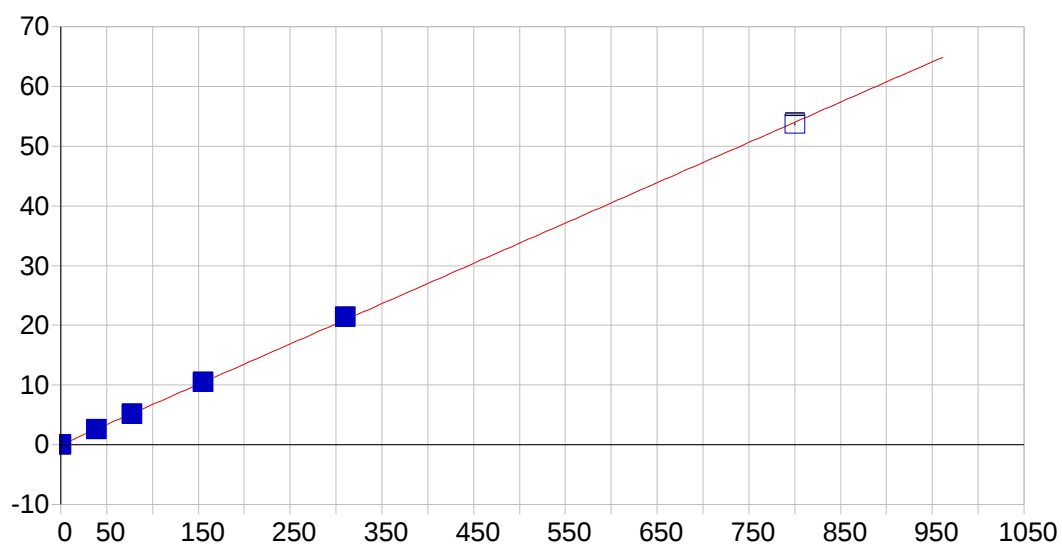


Sb 206.833 {463}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000922 Re-Slope: 1.000000
 A1 (Gain): 0.143934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999345 Status: OK.
 Std Error of Est: 0.000219
 Predicted MDL: 0.003091
 Predicted MQL: 0.010302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00092	.000	1
S1	.06000	.05555	-.004	-7.42	.00891	.000	1
S2	1.2500	1.1801	-.070	-5.60	.17510	.001	1
S3	2.5000	2.3673	-.133	-5.31	.35031	.001	1
S4	5.0000	4.8715	-.128	-2.57	.71939	.002	1
S5	10.000	10.335	.335	3.35	1.5231	.005	1



AI 396.152 { 85}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000219

Re-Slope: 1.000000

A1 (Gain): 0.067495

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999925

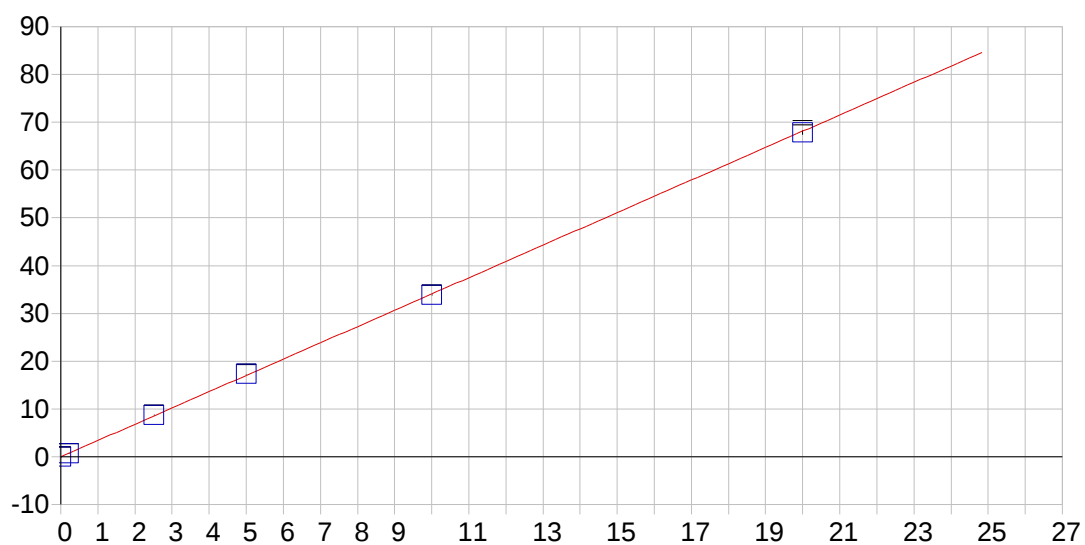
Status: OK.

Std Error of Est: 0.000515

Predicted MDL: 0.007909

Predicted MQL: 0.026365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.000	1
S1	.20000	.19753	-.002	-1.24	.01314	.000	1
S2	38.750	38.154	-.596	-1.54	2.5781	.003	1
S3	77.500	75.884	-1.62	-2.09	5.1278	.009	1
S4	155.00	154.96	-.042	-.027	10.471	.023	1
S5	310.00	316.62	6.62	2.14	21.395	.046	1
S6	800.00	795.63	-4.37	-.546	53.701	.219	1

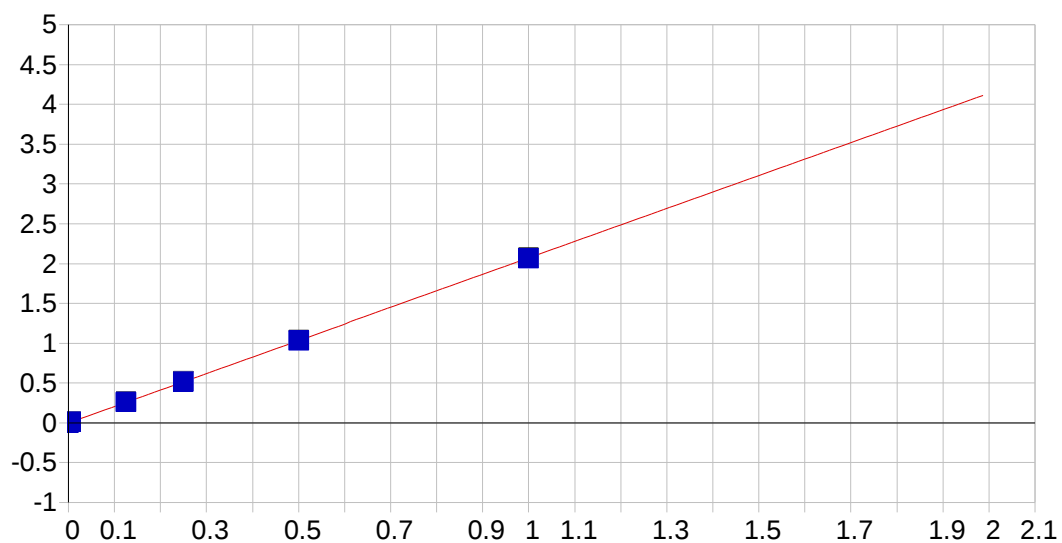


Ba 493.409 { 68}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017036 Re-Slope: 1.000000
 A1 (Gain): 3.407542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.003955
 Predicted MDL: 0.000425
 Predicted MQL: 0.001418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01708	.000	1
S1	.20000	.20672	.007	3.36	.68737	.002	1
S2	2.5000	2.5728	.073	2.91	8.7497	.003	1
S3	5.0000	5.0803	.080	1.61	17.294	.027	1
S4	10.000	9.9389	-.061	-.611	33.850	.048	1
S5	20.000	19.901	-.099	-.493	67.797	.463	1



Be 234.861 {144}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000750

Re-Slope: 1.000000

A1 (Gain): 2.071579

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999991

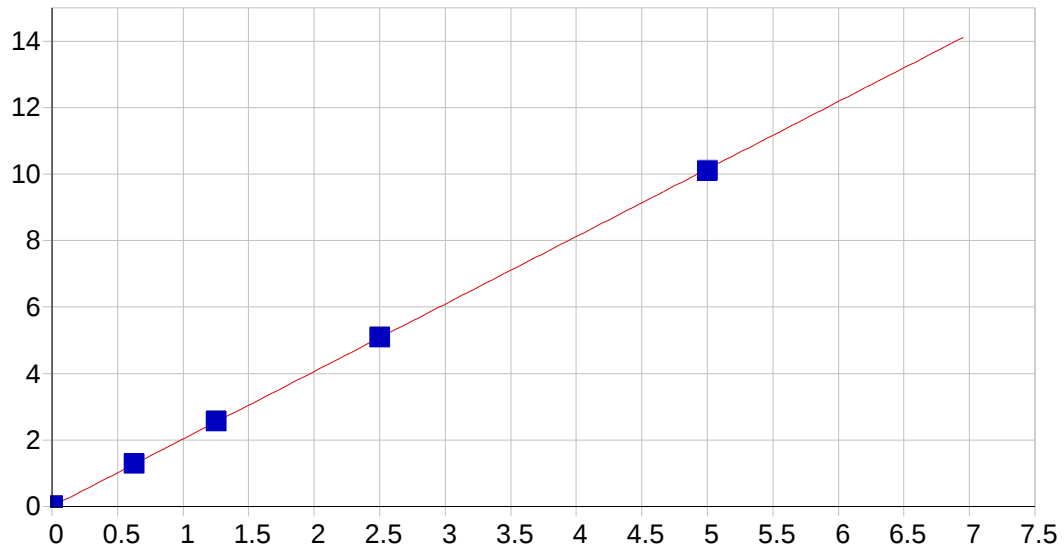
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.000123

Predicted MQL: 0.000409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.000	1
S1	.00500	.00491	.000	-1.86	.00941	.000	1
S2	.12500	.12675	.002	1.40	.26096	.001	1
S3	.25000	.25076	.001	.306	.51699	.002	1
S4	.50000	.49930	-.001	-.141	1.0301	.004	1
S5	1.0000	.99828	-.002	-.172	2.0603	.003	1



Cd 214.438 {457}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000599

Re-Slope: 1.000000

A1 (Gain): 2.029927

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

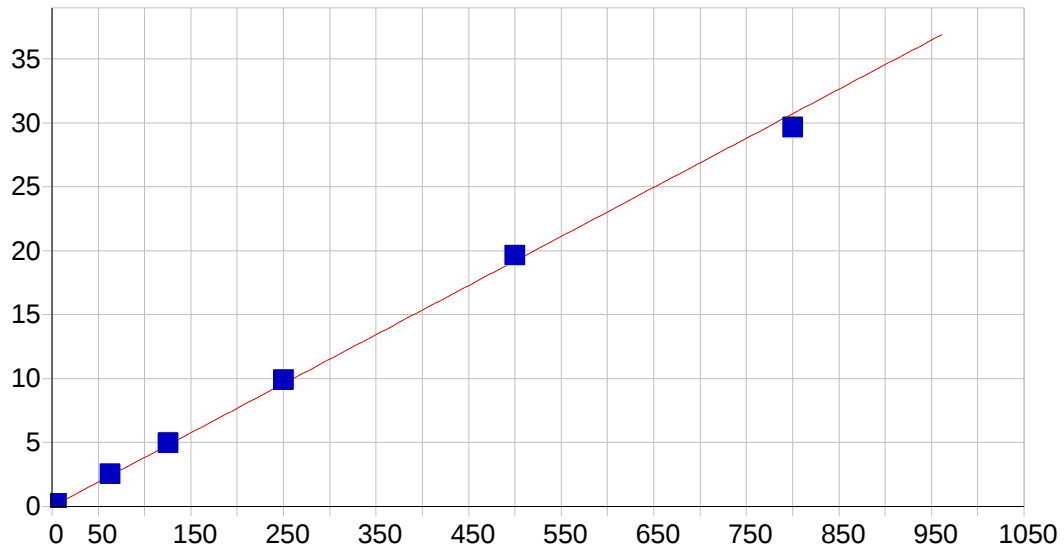
Status: OK.

Std Error of Est: 0.000130

Predicted MDL: 0.000146

Predicted MQL: 0.000488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.00500	.00468	.000	-6.45	.01010	.000	1
S2	.62500	.63628	.011	1.80	1.2944	.001	1
S3	1.2500	1.2635	.013	1.08	2.5698	.010	1
S4	2.5000	2.5045	.005	.181	5.0935	.009	1
S5	5.0000	4.9710	-.029	-.579	10.109	.003	1



Ca 373.690 { 90}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002132

Re-Slope: 1.000000

A1 (Gain): 0.038393

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999452

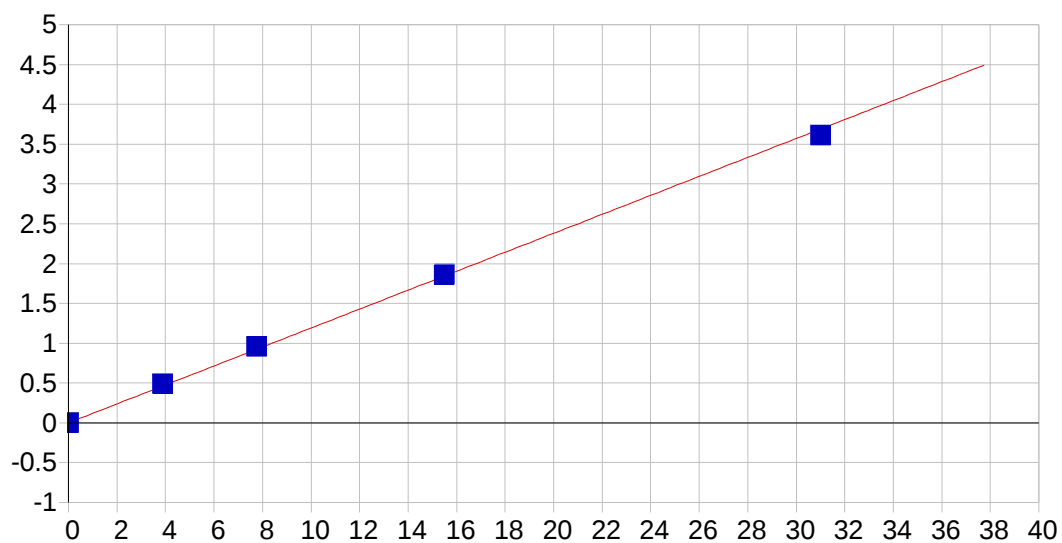
Status: OK.

Std Error of Est: 0.004431

Predicted MDL: 0.011858

Predicted MQL: 0.039525

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00089	-.001	.000	.00210	.000	1
S1	5.0000	5.3070	.307	6.14	.20587	.001	1
S2	62.500	66.104	3.60	5.77	2.5371	.004	1
S3	125.00	129.96	4.96	3.97	4.9860	.008	1
S4	250.00	257.84	7.84	3.14	9.8897	.017	1
S5	500.00	511.28	11.3	2.26	19.608	.015	1
S6	800.00	771.98	-28.0	-3.50	29.579	.064	1

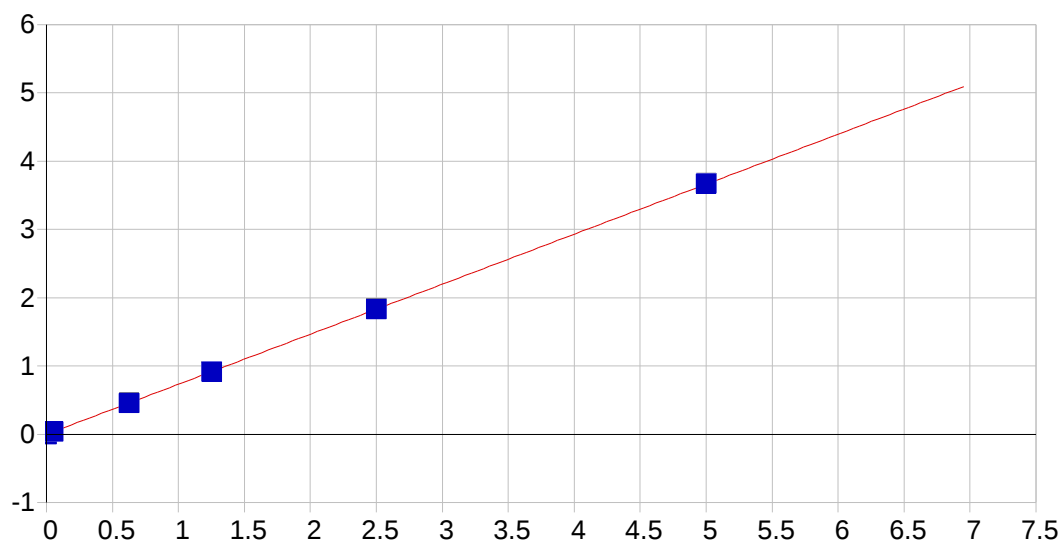


Cr 267.716 {126}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.119027 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999658 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000508
 Predicted MQL: 0.001693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01123	.001	12.3	.00136	.000	1
S2	3.8750	4.1222	.247	6.38	.49185	.001	1
S3	7.7500	8.0132	.263	3.40	.95617	.002	1
S4	15.500	15.643	.143	.924	1.8667	.002	1
S5	31.000	30.345	-.655	-2.11	3.6214	.003	1

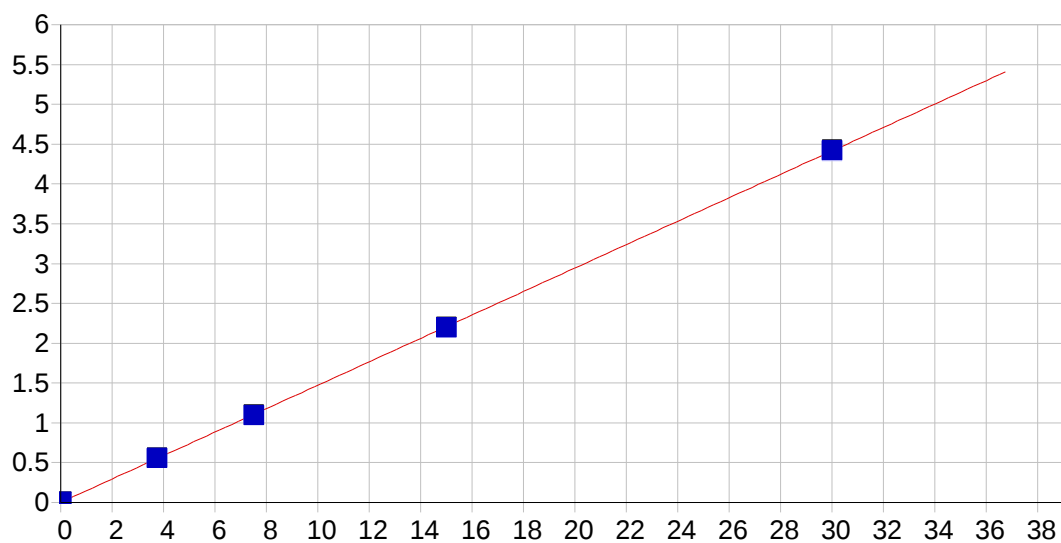


Co 228.616 {448}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000693 Re-Slope: 1.000000
 A1 (Gain): 0.732788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000406
 Predicted MQL: 0.001354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.05000	.04685	-.003	-6.30	.03377	.000	1
S2	.62500	.62131	-.004	-.590	.45555	.001	1
S3	1.2500	1.2501	.000	.009	.91729	.003	1
S4	2.5000	2.4997	.000	-.011	1.8349	.003	1
S5	5.0000	5.0070	.007	.140	3.6760	.003	1

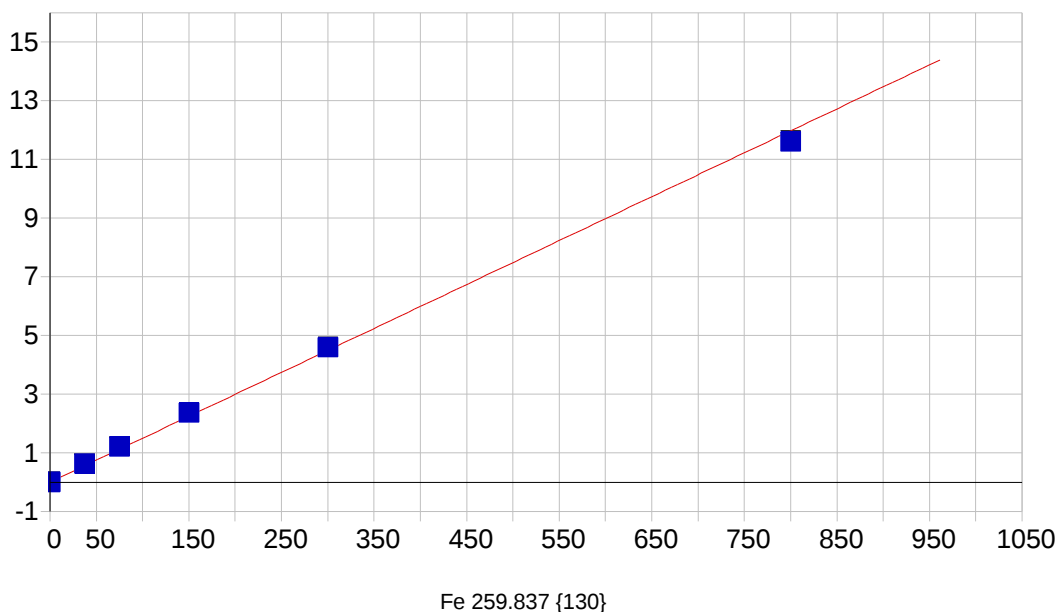


Cu 324.754 {104}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000622 Re-Slope: 1.000000
 A1 (Gain): 0.147150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002162
 Predicted MQL: 0.007208

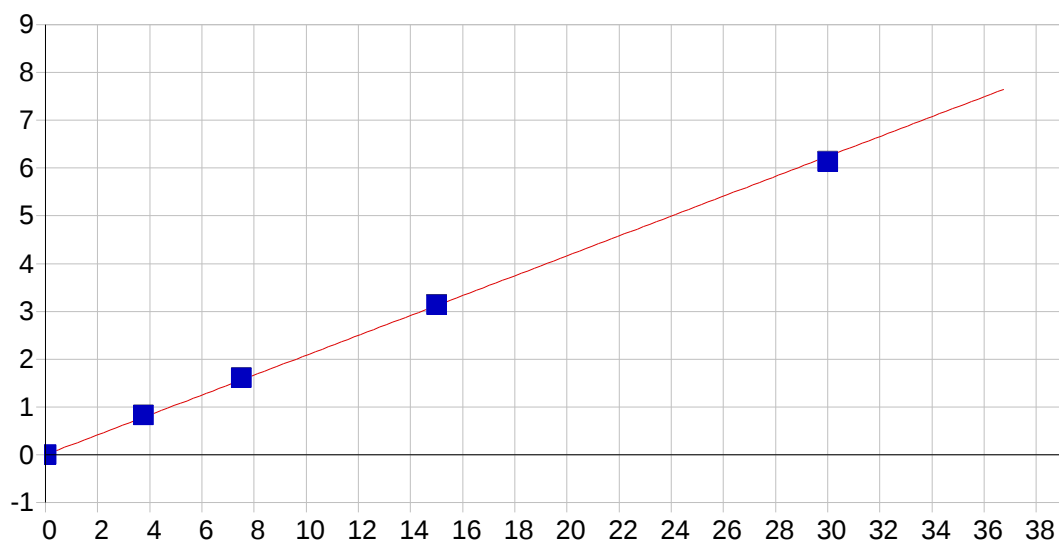
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.02500	.02542	.000	1.67	.00434	.000	1
S2	3.7500	3.7949	.045	1.20	.55747	.001	1
S3	7.5000	7.4528	-.047	-.630	1.0941	.003	1
S4	15.000	14.945	-.055	-.367	2.1935	.004	1
S5	30.000	30.057	.057	.190	4.4109	.006	1



Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.014974 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999167 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.012899
 Predicted MQL: 0.042996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00008	.000	1
S1	.10000	.11335	.013	13.3	.00178	.000	1
S2	37.500	41.998	4.50	12.0	.62961	.002	1
S3	75.000	80.706	5.71	7.61	1.2099	.003	1
S4	150.00	157.49	7.49	4.99	2.3609	.003	1
S5	300.00	307.00	7.00	2.33	4.6024	.004	1
S6	800.00	775.27	-24.7	-3.09	11.615	.030	1



Mn 257.610 {131}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000041

Re-Slope: 1.000000

A1 (Gain): 0.208112

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999728

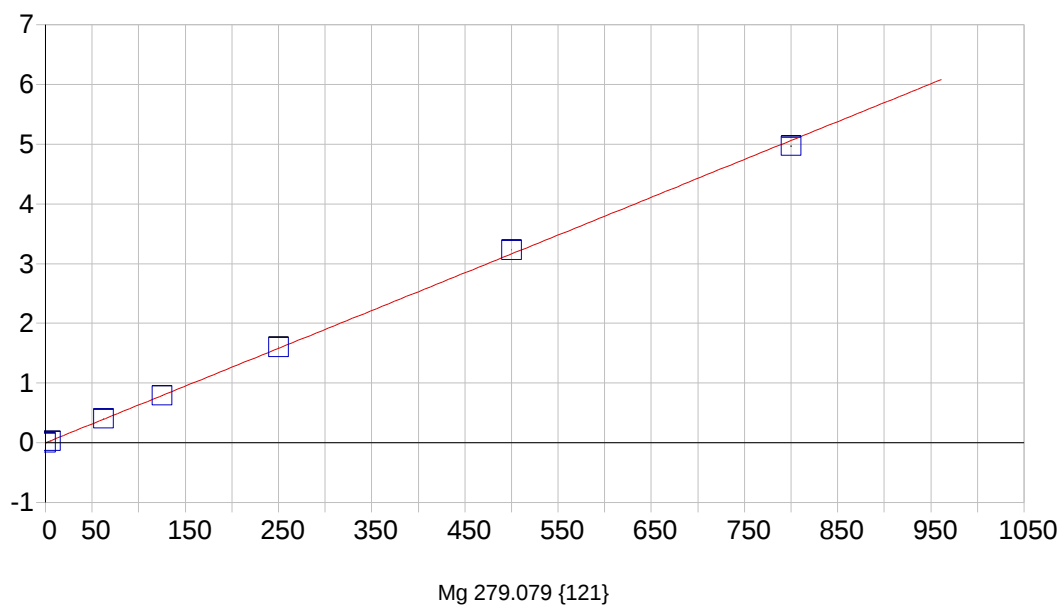
Status: OK.

Std Error of Est: 0.000173

Predicted MDL: 0.000817

Predicted MQL: 0.002722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01500	.01647	.001	9.82	.00339	.000	1
S2	3.7500	3.9823	.232	6.20	.82890	.001	1
S3	7.5000	7.7204	.220	2.94	1.6070	.005	1
S4	15.000	15.073	.073	.489	3.1376	.008	1
S5	30.000	29.472	-.528	-1.76	6.1349	.009	1



Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000113

Re-Slope: 1.000000

A1 (Gain): 0.006325

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999847

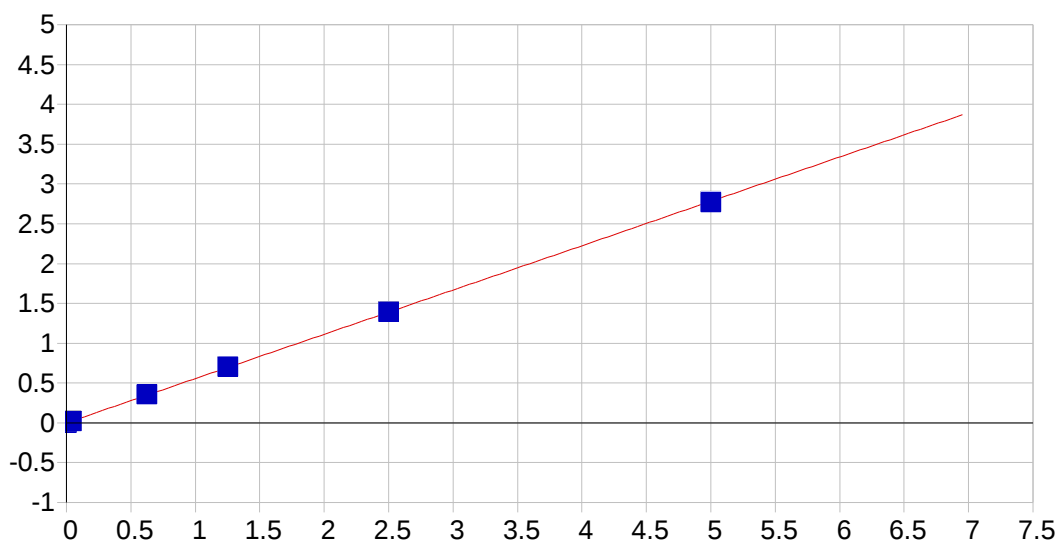
Status: OK.

Std Error of Est: 0.000386

Predicted MDL: 0.034847

Predicted MQL: 0.116158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	.000	.000	-.00011	.000	1
S1	5.0000	4.9541	-.046	-.919	.03122	.000	1
S2	62.500	63.436	.936	1.50	.40113	.001	1
S3	125.00	125.47	.467	.374	.79349	.001	1
S4	250.00	253.16	3.16	1.26	1.6011	.004	1
S5	500.00	510.18	10.2	2.04	3.2269	.004	1
S6	800.00	785.30	-14.7	-1.84	4.9670	.011	1



Ni 231.604 {446}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000174

Re-Slope: 1.000000

A1 (Gain): 0.556332

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

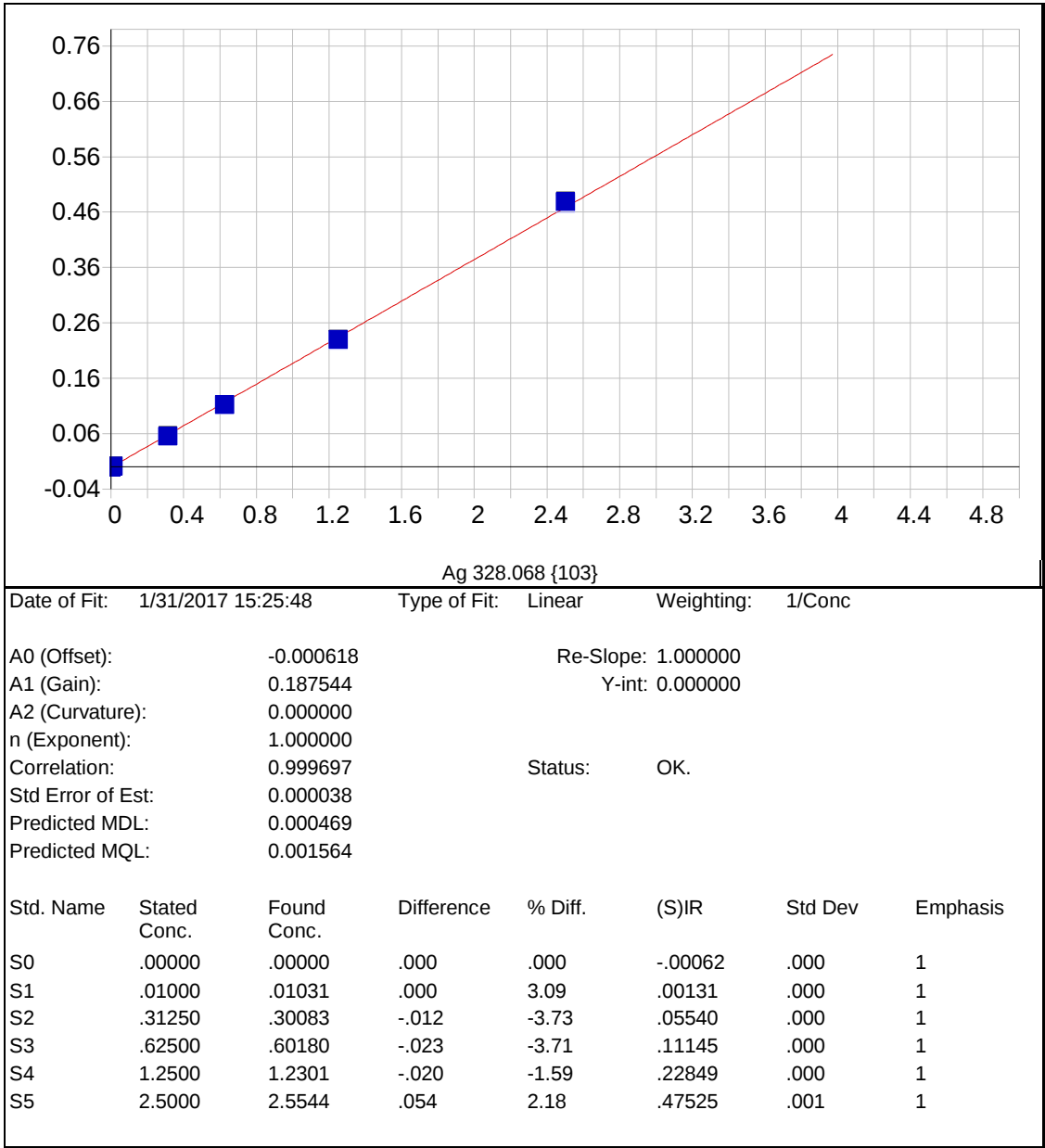
Status: OK.

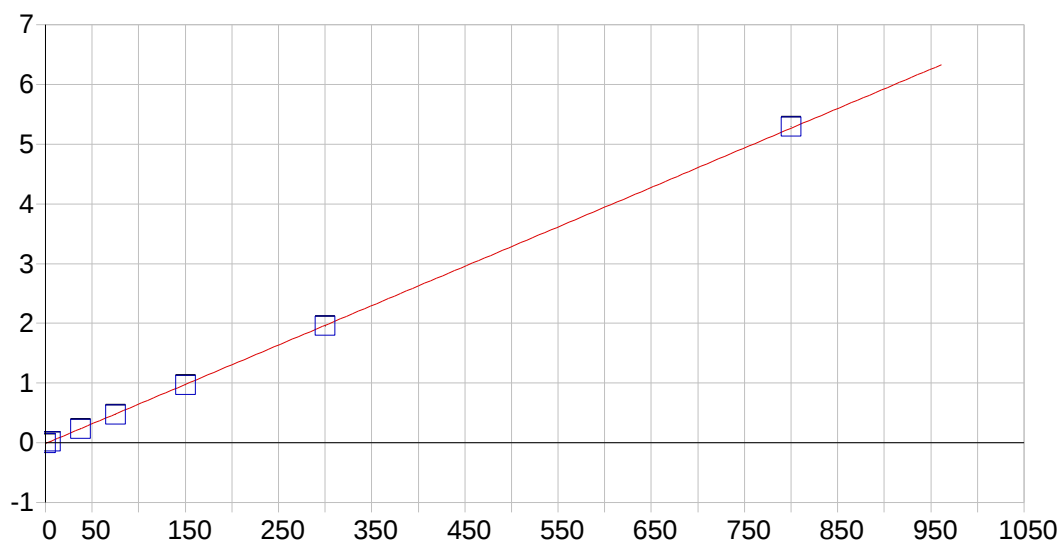
Std Error of Est: 0.000096

Predicted MDL: 0.000590

Predicted MQL: 0.001967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.04000	.03916	-.001	-2.10	.02164	.000	1
S2	.62500	.63744	.012	1.99	.35628	.000	1
S3	1.2500	1.2618	.012	.940	.70544	.003	1
S4	2.5000	2.5008	.001	.032	1.3984	.001	1
S5	5.0000	4.9759	-.024	-.483	2.7827	.002	1





Na 818.326 { 41}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.012554

Re-Slope: 1.000000

A1 (Gain): 0.006597

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

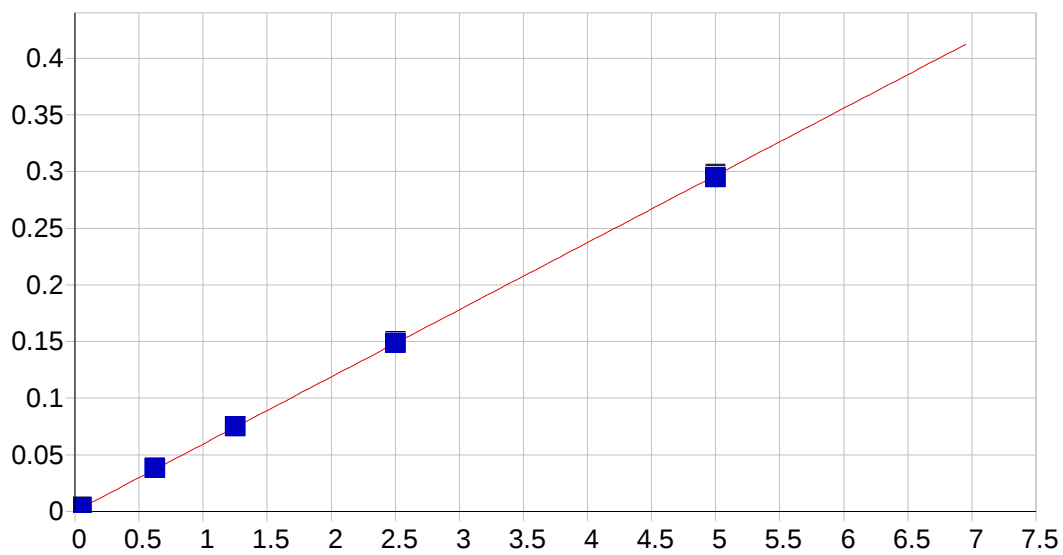
Status: OK.

Std Error of Est: 0.000144

Predicted MDL: 0.173516

Predicted MQL: 0.578387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	-.01255	.002	1
S1	5.0000	4.9101	-.090	-1.80	.01984	.001	1
S2	37.500	37.445	-.055	-.147	.23446	.001	1
S3	75.000	73.712	-1.29	-1.72	.47371	.001	1
S4	150.00	148.47	-1.53	-1.02	.96686	.004	1
S5	300.00	298.66	-1.34	-.446	1.9576	.003	1
S6	800.00	804.30	4.30	.538	5.2932	.005	1



V 292.402 {115}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000237

Re-Slope: 1.000000

A1 (Gain): 0.059268

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999941

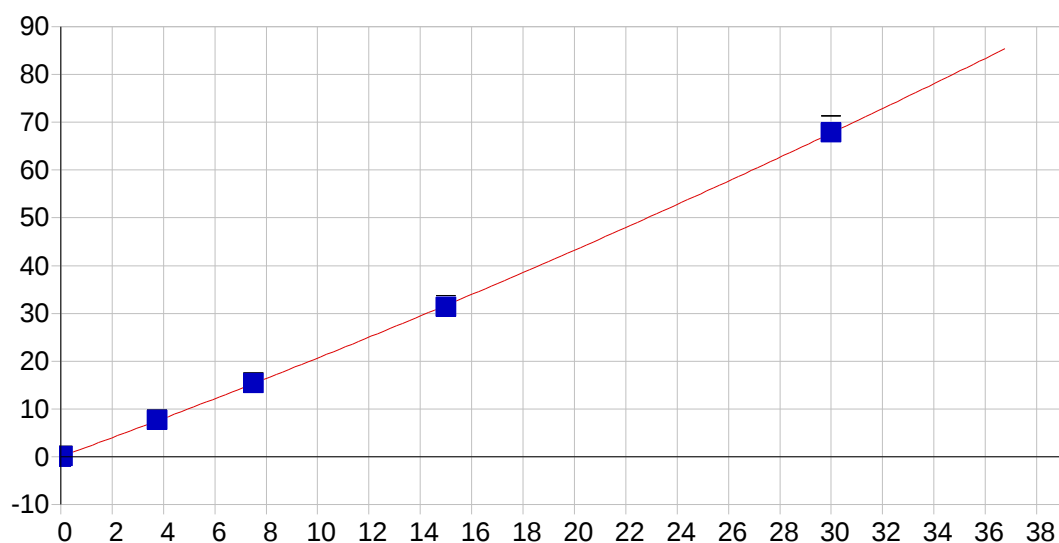
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.004349

Predicted MQL: 0.014498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00024	.000	1
S1	.05000	.05489	.005	9.79	.00350	.000	1
S2	.62500	.63978	.015	2.36	.03831	.000	1
S3	1.2500	1.2592	.009	.734	.07517	.000	1
S4	2.5000	2.5036	.004	.145	.14924	.001	1
S5	5.0000	4.9675	-.032	-.649	.29588	.002	1



Zn 213.856 {158}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.004975

Re-Slope: 1.000000

A1 (Gain): 1.968327

Y-int: 0.000000

A2 (Curvature): 0.009650

n (Exponent): 1.000000

Correlation: 0.999977

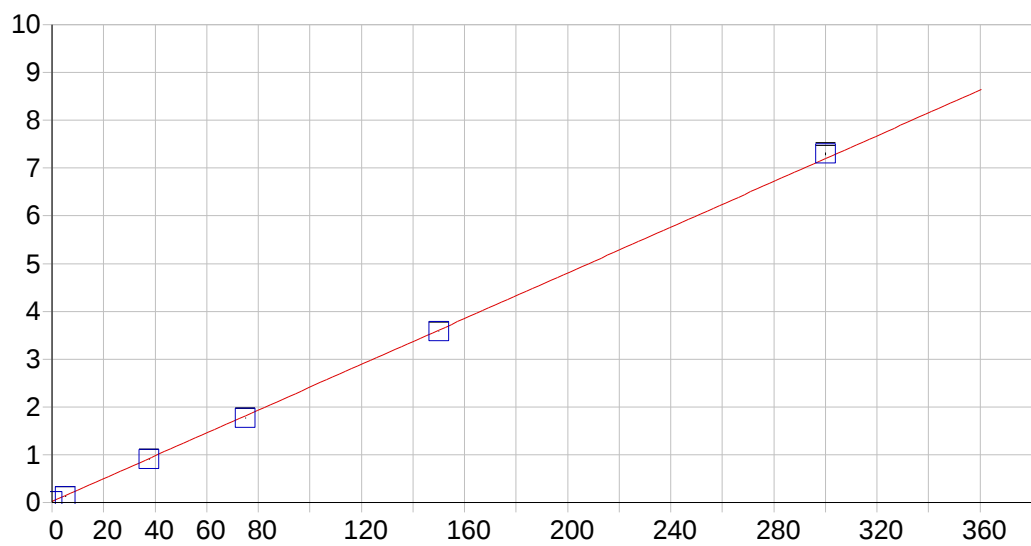
Status: Warning Positive Curvature

Std Error of Est: 0.001221

Predicted MDL: 0.008021

Predicted MQL: 0.026738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00498	.012	1
S1	.06000	.06118	.001	1.96	.11593	.015	1
S2	3.7500	3.8173	.067	1.79	7.6671	.158	1
S3	7.5000	7.5211	.021	.282	15.380	.135	1
S4	15.000	14.862	-.138	-.922	31.450	.211	1
S5	30.000	30.050	.050	.167	67.999	1.32	1

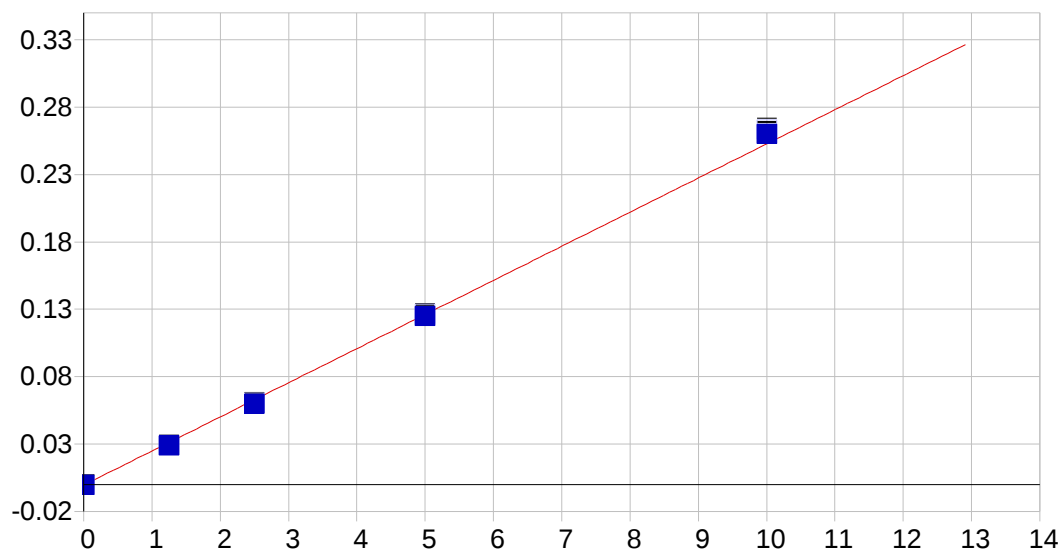


K 769.896 { 44}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020492 Re-Slope: 1.000000
 A1 (Gain): 0.023921 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000827
 Predicted MDL: 0.044534
 Predicted MQL: 0.148448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	.02051	.001	1
S1	5.0000	4.6309	-.369	-7.38	.13127	.000	1
S2	37.500	36.873	-.627	-1.67	.90254	.001	1
S3	75.000	73.020	-1.98	-2.64	1.7672	.003	1
S4	150.00	148.76	-1.24	-.825	3.5790	.006	1
S5	300.00	304.21	4.21	1.40	7.2976	.030	1

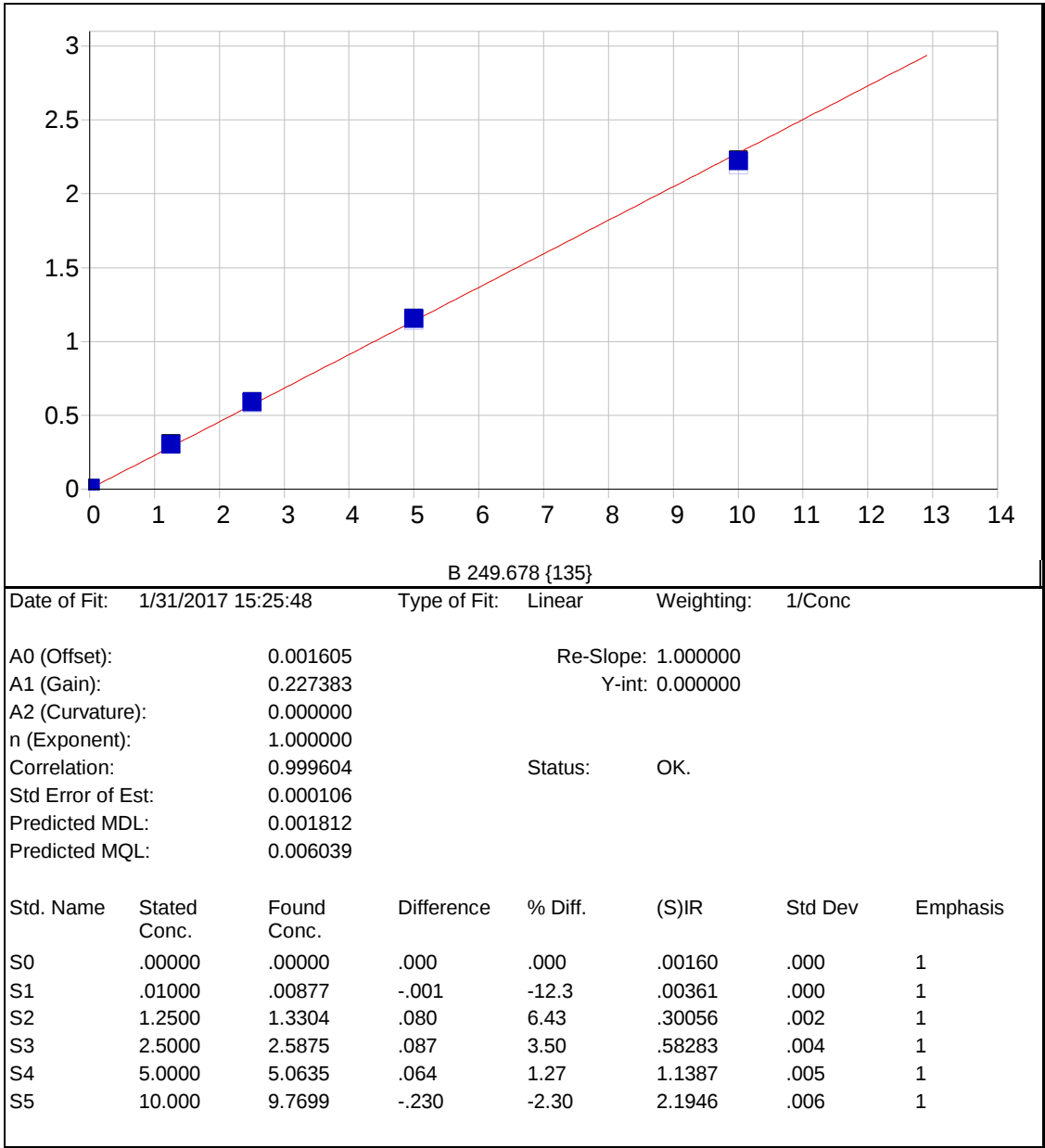


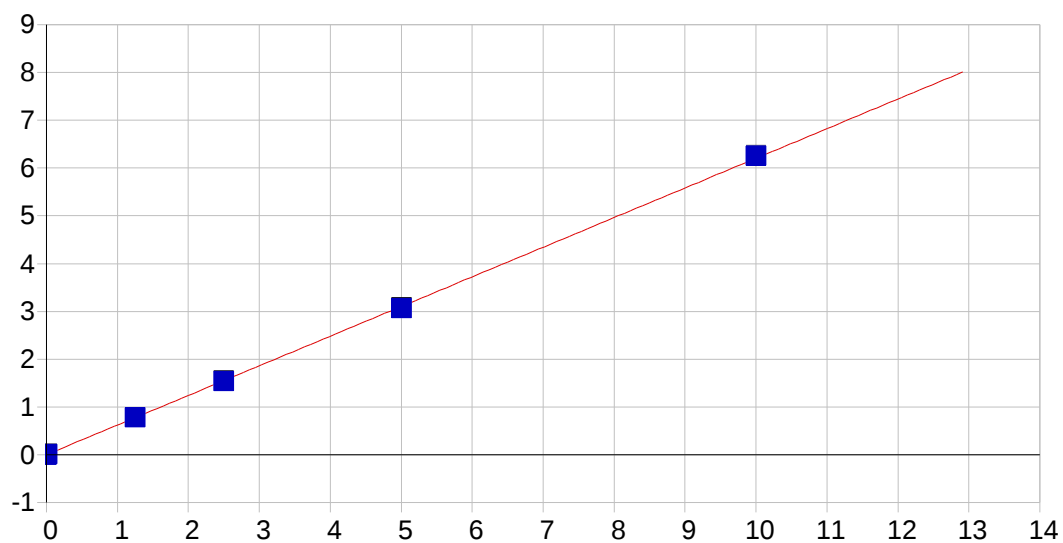
P 177.495 {490}

Date of Fit: 1/31/2017 15:25:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000445 Re-Slope: 1.000000
 A1 (Gain): 0.025321 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999230 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.007380
 Predicted MQL: 0.024600

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00044	.000	1
S1	.01000	.00131	-.009	-86.9	-.00041	.000	1
S2	1.2500	1.1568	-.093	-7.46	.02926	.000	1
S3	2.5000	2.3710	-.129	-5.16	.06041	.000	1
S4	5.0000	4.9483	-.052	-1.03	.12649	.000	1
S5	10.000	10.283	.283	2.83	.26320	.001	1





Mo 202.030 {467}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000005

Re-Slope: 1.000000

A1 (Gain): 0.620323

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999959

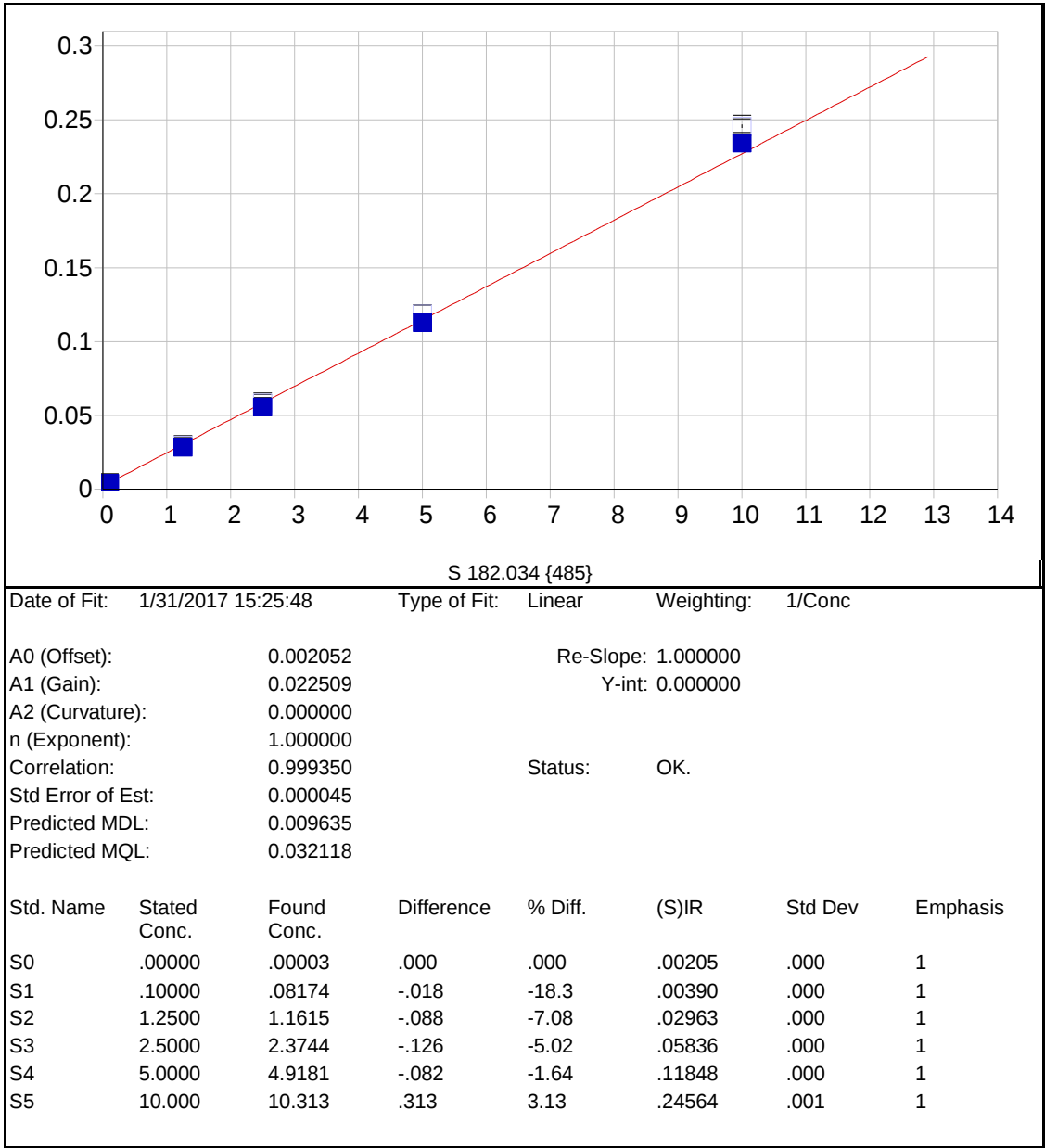
Status: OK.

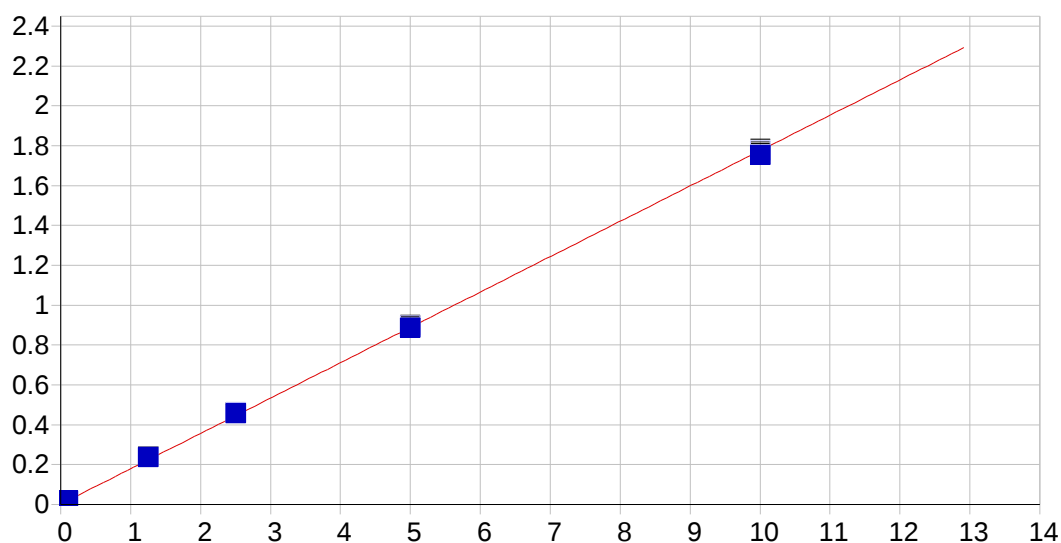
Std Error of Est: 0.000095

Predicted MDL: 0.000668

Predicted MQL: 0.002227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01083	.001	8.26	.00672	.000	1
S2	1.2500	1.2546	.005	.364	.77893	.002	1
S3	2.5000	2.4767	-.023	-.934	1.5377	.006	1
S4	5.0000	4.9420	-.058	-1.16	3.0685	.008	1
S5	10.000	10.076	.076	.759	6.2560	.009	1





Si 251.611 {134}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001823

Re-Slope: 1.000000

A1 (Gain): 0.177414

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999810

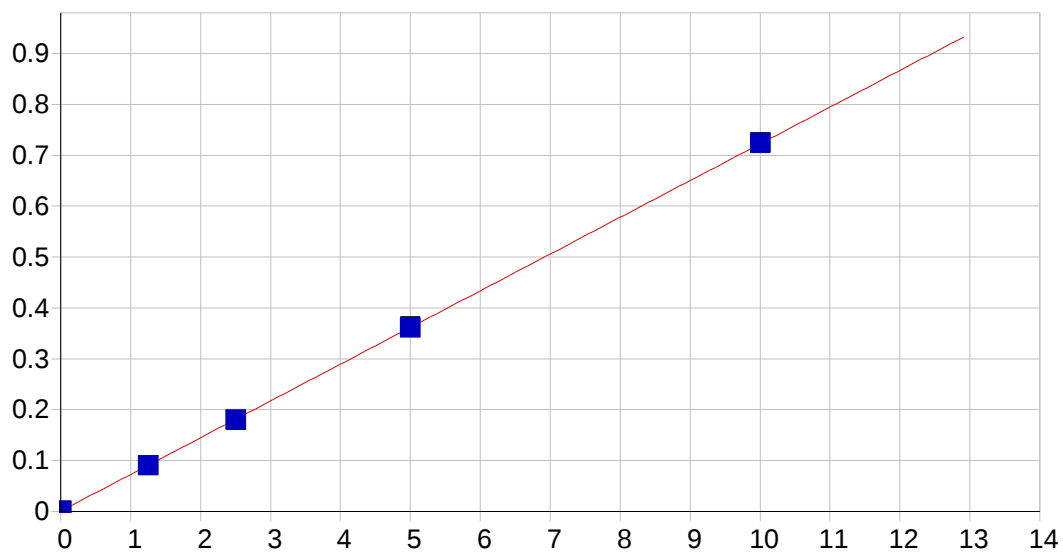
Status: OK.

Std Error of Est: 0.000186

Predicted MDL: 0.001508

Predicted MQL: 0.005026

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00182	.000	1
S1	.10000	.09334	-.007	-6.66	.01845	.000	1
S2	1.2500	1.3199	.070	5.60	.23861	.000	1
S3	2.5000	2.5625	.062	2.50	.46166	.002	1
S4	5.0000	4.9931	-.007	-.138	.89811	.003	1
S5	10.000	9.8811	-.119	-1.19	1.7758	.007	1



Sn 189.989 {478}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000670

Re-Slope: 1.000000

A1 (Gain): 0.072190

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999996

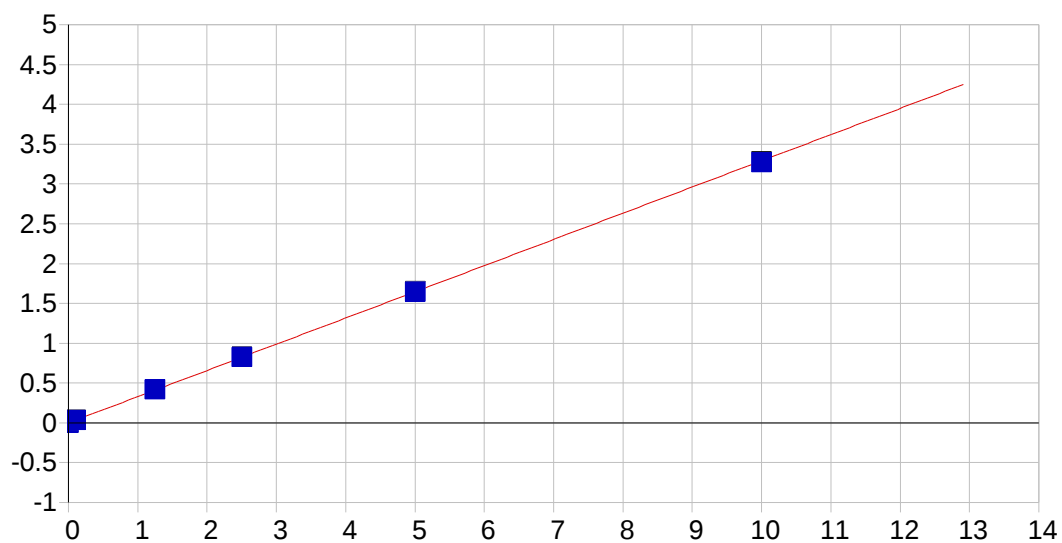
Status: OK.

Std Error of Est: 0.000003

Predicted MDL: 0.002989

Predicted MQL: 0.009964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.00700	.00705	.000	.654	.00117	.000	1
S2	1.2500	1.2424	-.008	-.607	.09029	.000	1
S3	2.5000	2.4882	-.012	-.471	.18015	.001	1
S4	5.0000	4.9977	-.002	-.046	.36117	.001	1
S5	10.000	10.022	.022	.216	.72357	.001	1



Ti 336.121 {100}

Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000061

Re-Slope: 1.000000

A1 (Gain): 0.329065

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

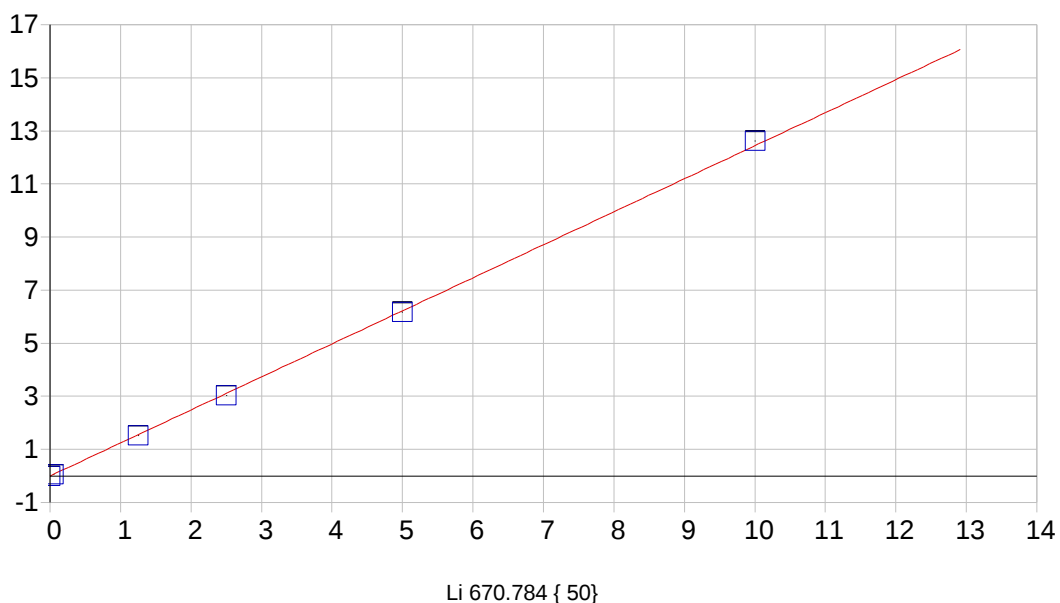
Status: OK.

Std Error of Est: 0.000133

Predicted MDL: 0.001060

Predicted MQL: 0.003534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00006	.000	1
S1	.10000	.10277	.003	2.77	.03387	.000	1
S2	1.2500	1.2789	.029	2.31	.42075	.001	1
S3	2.5000	2.5118	.012	.472	.82633	.001	1
S4	5.0000	5.0090	.009	.180	1.6478	.002	1
S5	10.000	9.9476	-.052	-.524	3.2723	.005	1



Date of Fit: 1/31/2017 15:25:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000321

Re-Slope: 1.000000

A1 (Gain): 1.243985

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999870

Status: OK.

Std Error of Est: 0.000754

Predicted MDL: 0.000878

Predicted MQL: 0.002926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S5	10.000	10.140	.140	1.40	12.614	.022	1
S4	5.0000	4.9570	-.043	-.860	6.1661	.015	1
S3	2.5000	2.4347	-.065	-2.61	3.0284	.003	1
S2	1.2500	1.2174	-.033	-2.61	1.5141	.001	1
S1	.05000	.05056	.001	1.11	.06257	.000	1



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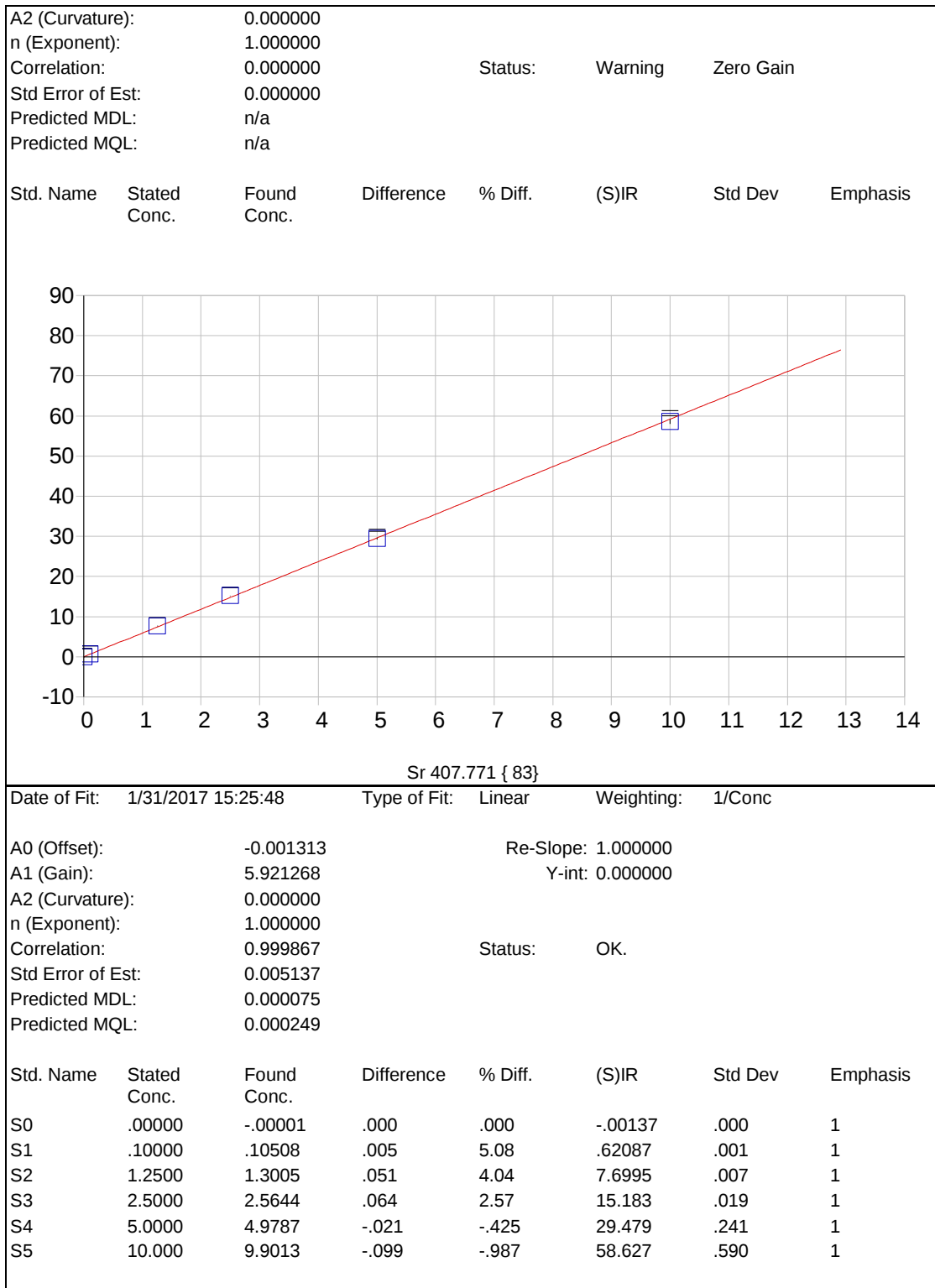






A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 1/31/2017 11:13:54 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.00088	-.00012	-.00025	.00068	.00092	-.00022	-.01708	-.00075
Stddev	.00013	.00020	.00004	.00022	.00031	.00004	.00045	.00008
%RSD	14.376	168.89	14.774	31.761	33.645	19.204	2.6204	11.003

#1	-.00091	-.00033	-.00021	.00092	.00111	-.00017	-.01658	-.00066
#2	-.00099	.00007	-.00026	.00051	.00057	-.00025	-.01745	-.00076
#3	-.00074	-.00009	-.00029	.00061	.00109	-.00023	-.01722	-.00082

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	.00060	.00210	.00000	-.00069	.00062	.00008	-.00004	-.00011
Stddev	.00011	.00016	.00003	.00014	.00010	.00008	.00002	.00005
%RSD	17.905	7.7985	1573.8	20.902	16.316	103.19	55.672	46.425

#1	.00048	.00191	.00000	-.00052	.00059	.00011	-.00002	-.00015
#2	.00065	.00223	.00004	-.00077	.00073	.00013	-.00007	-.00005
#3	.00068	.00215	-.00003	-.00077	.00054	-.00001	-.00004	-.00014

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	-.00017	-.00062	-.01255	.00024	-.00498	.02051	-.00044	.00160
Stddev	.00014	.00004	.00182	.00018	.01249	.00051	.00009	.00004
%RSD	78.056	6.2063	14.488	76.341	250.87	2.4808	20.830	2.2444

#1	-.00002	-.00063	-.01465	.00016	.00935	.02037	-.00046	.00164
#2	-.00023	-.00065	-.01149	.00044	-.01355	.02008	-.00053	.00161
#3	-.00028	-.00057	-.01152	.00011	-.01073	.02107	-.00035	.00157

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	-.00001	.00205	.00182	.00067	.00006	-.00032	-.00137	
Stddev	.00014	.00013	.00036	.00002	.00045	.00005	.00027	
%RSD	2446.3	6.1618	19.802	2.3254	754.53	16.354	19.937	

#1	.00006	.00191	.00220	.00066	-.00016	-.00036	-.00110	
#2	-.00017	.00214	.00180	.00066	.00057	-.00034	-.00165	
#3	.00009	.00211	.00148	.00069	-.00023	-.00026	-.00137	

Sample Name: S0 Acquired: 1/31/2017 11:13:54 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	49.138	1368.8	55924.	8917.2	2371.8
Stddev	1.138	1.5	96.	27.0	1.6
%RSD	2.3155	.10736	.17201	.30241	.06671
#1	48.036	1370.3	55920.	8916.6	2371.9
#2	49.070	1368.7	56022.	8890.5	2373.4
#3	50.308	1367.3	55829.	8944.4	2370.3

Sample Name: S1 Acquired: 1/31/2017 11:18:02 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.00043	.00119	.00104	.00250	.00891	.01314	.68737	.00941
Stddev	.00042	.00017	.00033	.00021	.00030	.00030	.00151	.00034
%RSD	97.396	13.927	31.335	8.4440	3.4129	2.2773	.22027	3.6307

#1	-.00065	.00114	.00121	.00227	.00919	.01281	.68563	.00902
#2	.00005	.00106	.00124	.00252	.00897	.01322	.68835	.00964
#3	-.00069	.00138	.00066	.00269	.00859	.01339	.68814	.00957

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	.01010	.20587	.00136	.03377	.00434	.00178	.00339	.03122
Stddev	.00010	.00082	.00004	.00012	.00008	.00011	.00012	.00010
%RSD	.94477	.39771	2.7384	.34819	1.9462	6.3100	3.6142	.32776

#1	.01004	.20529	.00137	.03387	.00432	.00191	.00332	.03132
#2	.01021	.20552	.00131	.03380	.00443	.00170	.00331	.03112
#3	.01005	.20681	.00138	.03364	.00426	.00173	.00353	.03123

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	.02164	.00131	.01984	.00350	.11593	.13127	-.00041	.00361
Stddev	.00021	.00005	.00062	.00029	.01531	.00009	.00022	.00015
%RSD	.97046	3.5284	3.1206	8.3772	13.204	.07191	53.172	4.2789

#1	.02144	.00130	.02055	.00376	.10986	.13129	-.00030	.00358
#2	.02162	.00136	.01943	.00318	.13334	.13135	-.00066	.00347
#3	.02186	.00127	.01953	.00356	.10458	.13116	-.00026	.00377

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	.00672	.00390	.01845	.00117	.03387	.06257	.62087	
Stddev	.00046	.00008	.00004	.00007	.00033	.00037	.00075	
%RSD	6.9028	2.0830	.21946	5.7778	.97190	.59588	.12134	

#1	.00714	.00398	.01843	.00110	.03423	.06217	.62084	
#2	.00622	.00388	.01849	.00124	.03358	.06262	.62014	
#3	.00681	.00382	.01842	.00118	.03381	.06291	.62165	

Sample Name: S1 Acquired: 1/31/2017 11:18:02 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	49.525	1352.3	55550.	8929.4	2317.1
Stddev	1.265	2.8	94.	22.0	4.5
%RSD	2.5546	.20967	.16916	.24648	.19570
#1	50.163	1350.3	55652.	8934.8	2314.1
#2	48.068	1351.1	55531.	8905.2	2315.0
#3	50.344	1355.6	55467.	8948.3	2322.3

Sample Name: S2 Acquired: 1/31/2017 11:22:10 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.04443	.06318	.84720	.06392	.17510	2.5781	8.7497	.26096
Stddev	.00029	.00031	.00035	.00034	.00112	.0027	.0031	.00062
%RSD	.65516	.48315	.04149	.52470	.63914	.10317	.03498	.23654

#1	.04467	.06289	.84681	.06428	.17396	2.5762	8.7511	.26167
#2	.04410	.06350	.84732	.06386	.17619	2.5770	8.7519	.26054
#3	.04451	.06316	.84748	.06362	.17514	2.5812	8.7462	.26067

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	1.2944	2.5371	.49185	.45555	.55747	.62961	.82890	.40113
Stddev	.0008	.0038	.00059	.00089	.00094	.00162	.00130	.00142
%RSD	.05815	.15135	.11990	.19575	.16788	.25657	.15672	.35446

#1	1.2940	2.5364	.49117	.45455	.55819	.62993	.83028	.40034
#2	1.2939	2.5337	.49216	.45586	.55780	.62786	.82770	.40028
#3	1.2953	2.5413	.49222	.45625	.55641	.63104	.82872	.40277

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	.35628	.05540	.23446	.03831	7.6671	.90254	.02926	.30056
Stddev	.00045	.00026	.00115	.00016	.1577	.00061	.00019	.00220
%RSD	.12740	.46134	.48937	.41701	2.0569	.06805	.63411	.73099

#1	.35589	.05534	.23553	.03845	7.4937	.90183	.02905	.30063
#2	.35618	.05518	.23460	.03834	7.8021	.90283	.02933	.29832
#3	.35678	.05568	.23325	.03814	7.7054	.90295	.02940	.30272

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	.77893	.02963	.23861	.09029	.42075	1.5141	7.6995	
Stddev	.00162	.00020	.00040	.00023	.00057	.0014	.0069	
%RSD	.20750	.68592	.16962	.25958	.13601	.09559	.08922	

#1	.77958	.02956	.23851	.09026	.42023	1.5157	7.7033	
#2	.77709	.02986	.23827	.09007	.42136	1.5138	7.6916	
#3	.78012	.02947	.23906	.09053	.42066	1.5128	7.7037	

Sample Name: S2 Acquired: 1/31/2017 11:22:10 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	47.999	1279.1	52723.	8842.0	2030.1
Stddev	.592	2.1	47.	33.2	3.2
%RSD	1.2344	.16436	.08934	.37567	.15966
#1	48.667	1278.4	52686.	8818.6	2032.4
#2	47.537	1281.5	52707.	8880.0	2031.5
#3	47.793	1277.5	52776.	8827.4	2026.4

Sample Name: S3 Acquired: 1/31/2017 11:26:06 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.09027	.12327	1.6811	.12698	.35031	5.1278	17.294	.51699
Stddev	.00040	.00065	.0073	.00079	.00122	.0087	.027	.00154
%RSD	.44393	.52761	.43289	.61849	.34720	.17027	.15675	.29875

#1	.09027	.12273	1.6785	.12746	.35047	5.1317	17.325	.51739
#2	.09067	.12310	1.6755	.12607	.34902	5.1179	17.273	.51528
#3	.08987	.12399	1.6893	.12740	.35144	5.1340	17.285	.51829

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	2.5698	4.9860	.95617	.91729	1.0941	1.2099	1.6070	.79349
Stddev	.0102	.0084	.00223	.00319	.0029	.0029	.0047	.00105
%RSD	.39634	.16902	.23285	.34818	.26705	.23785	.29107	.13255

#1	2.5649	4.9915	.95451	.91529	1.0956	1.2119	1.6124	.79460
#2	2.5630	4.9903	.95870	.91560	1.0908	1.2112	1.6037	.79335
#3	2.5815	4.9763	.95531	.92097	1.0961	1.2066	1.6049	.79251

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	.70544	.11145	.47371	.07517	15.380	1.7672	.06041	.58283
Stddev	.00347	.00027	.00066	.00006	.135	.0030	.00049	.00420
%RSD	.49256	.24007	.13981	.07803	.87590	.16860	.81251	.72035

#1	.70545	.11115	.47436	.07514	15.231	1.7674	.06032	.58475
#2	.70196	.11153	.47304	.07514	15.494	1.7701	.05997	.57802
#3	.70891	.11166	.47371	.07524	15.416	1.7641	.06094	.58573

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	1.5377	.05836	.46166	.18015	.82633	3.0284	15.183	
Stddev	.0064	.00040	.00179	.00126	.00065	.0029	.019	
%RSD	.41501	.68596	.38673	.69845	.07864	.09552	.12408	

#1	1.5361	.05822	.46336	.17936	.82679	3.0305	15.201	
#2	1.5323	.05805	.45980	.17950	.82660	3.0251	15.184	
#3	1.5448	.05881	.46183	.18160	.82558	3.0296	15.164	

Sample Name: S3 Acquired: 1/31/2017 11:26:06 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	46.531	1227.1	51211.	8715.9	1905.3
Stddev	.504	4.2	208.	16.2	6.9
%RSD	1.0835	.34464	.40684	.18618	.36031
#1	47.103	1229.9	51155.	8698.3	1910.9
#2	46.150	1229.3	51036.	8719.4	1907.4
#3	46.339	1222.3	51442.	8730.2	1897.7

Sample Name: S4 Acquired: 1/31/2017 11:30:01 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.18578	.23991	3.3398	.25881	.71939	10.471	33.850	1.0301
Stddev	.00110	.00075	.0064	.00136	.00220	.023	.048	.0045
%RSD	.59419	.31446	.19291	.52610	.30603	.21832	.14045	.43300

#1	.18566	.24078	3.3343	.26033	.72041	10.497	33.904	1.0323
#2	.18474	.23948	3.3382	.25836	.71686	10.455	33.831	1.0330
#3	.18694	.23947	3.3469	.25772	.72090	10.461	33.815	1.0250

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	5.0935	9.8897	1.8667	1.8349	2.1935	2.3609	3.1376	1.6011
Stddev	.0091	.0171	.0024	.0030	.0037	.0032	.0081	.0044
%RSD	.17856	.17318	.12649	.16263	.16730	.13591	.25821	.27517

#1	5.0835	9.9086	1.8689	1.8316	2.1977	2.3644	3.1427	1.6050
#2	5.0956	9.8853	1.8671	1.8358	2.1917	2.3603	3.1418	1.6020
#3	5.1014	9.8753	1.8642	1.8374	2.1910	2.3581	3.1282	1.5964

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	1.3984	.22849	.96686	.14924	31.450	3.5790	.12649	1.1387
Stddev	.0013	.00015	.00405	.00083	.211	.0057	.00029	.0047
%RSD	.09429	.06377	.41932	.55927	.67148	.15894	.22636	.41612

#1	1.3969	.22864	.97111	.14840	31.577	3.5805	.12680	1.1406
#2	1.3990	.22847	.96644	.14924	31.206	3.5728	.12623	1.1423
#3	1.3993	.22835	.96304	.15007	31.567	3.5839	.12644	1.1333

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	3.0685	.11848	.89811	.36117	1.6478	6.1661	29.479	
Stddev	.0083	.00004	.00306	.00143	.0018	.0154	.241	
%RSD	.27051	.03399	.34043	.39540	.11030	.24935	.81706	

#1	3.0707	.11846	.89904	.35973	1.6497	6.1837	29.694	
#2	3.0593	.11845	.90059	.36120	1.6460	6.1553	29.524	
#3	3.0754	.11852	.89469	.36259	1.6477	6.1593	29.219	

Sample Name: S4 Acquired: 1/31/2017 11:30:01 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	43.782	1155.1	49148.	8568.8	1767.6
Stddev	.281	2.0	143.	21.0	1.4
%RSD	.64211	.17603	.29052	.24465	.08070
#1	43.569	1153.7	49005.	8550.4	1769.2
#2	44.100	1157.4	49291.	8564.4	1766.8
#3	43.675	1154.1	49147.	8591.6	1766.7

Sample Name: S5 Acquired: 1/31/2017 11:34:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.39391	.46935	6.6714	.53732	1.5231	21.395	67.797	2.0603
Stddev	.00134	.00149	.0058	.00140	.0045	.046	.463	.0027
%RSD	.33995	.31679	.08666	.25992	.29631	.21307	.68228	.13157

#1	.39543	.46965	6.6781	.53887	1.5281	21.427	68.326	2.0580
#2	.39289	.46773	6.6682	.53615	1.5192	21.343	67.599	2.0597
#3	.39342	.47066	6.6681	.53694	1.5221	21.416	67.467	2.0633

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	10.109	19.608	3.6214	3.6760	4.4109	4.6024	6.1349	3.2269
Stddev	.003	.015	.0029	.0029	.0060	.0043	.0089	.0036
%RSD	.02785	.07770	.08044	.08018	.13552	.09386	.14427	.11008

#1	10.112	19.595	3.6236	3.6785	4.4177	4.6060	6.1423	3.2278
#2	10.109	19.625	3.6181	3.6728	4.4063	4.6036	6.1373	3.2298
#3	10.107	19.605	3.6226	3.6768	4.4087	4.5976	6.1251	3.2229

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	2.7827	.47525	1.9576	.29588	67.999	7.2976	.26320	2.1946
Stddev	.0018	.00088	.0027	.00184	1.321	.0295	.00117	.0061
%RSD	.06553	.18621	.13674	.62194	1.9435	.40483	.44599	.27920

#1	2.7832	.47506	1.9596	.29717	66.540	7.3167	.26385	2.1915
#2	2.7842	.47448	1.9587	.29377	69.115	7.2635	.26185	2.1907
#3	2.7807	.47621	1.9546	.29670	68.343	7.3125	.26391	2.2017

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	6.2560	.24564	1.7758	.72357	3.2723	12.614	58.627	
Stddev	.0086	.00123	.0069	.00052	.0053	.022	.590	
%RSD	.13758	.50111	.38581	.07162	.16118	.17606	1.0069	

#1	6.2645	.24700	1.7775	.72338	3.2739	12.633	58.921	
#2	6.2473	.24460	1.7682	.72317	3.2665	12.590	57.947	
#3	6.2562	.24533	1.7815	.72415	3.2767	12.620	59.013	

Sample Name: S5 Acquired: 1/31/2017 11:34:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	38.443	1035.2	46363.	8287.6	1588.6
Stddev	.664	1.9	148.	18.0	2.2
%RSD	1.7271	.18163	.31957	.21679	.14051
#1	39.198	1034.4	46193.	8270.0	1587.3
#2	37.949	1037.3	46441.	8305.9	1591.2
#3	38.181	1033.8	46456.	8286.9	1587.4

Sample Name: S6 Acquired: 1/31/2017 11:38:18 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	53.701	29.579	11.615	4.9670	5.2932
Stddev	.219	.064	.030	.0113	.0054
%RSD	.40689	.21773	.26148	.22726	.10170

#1	53.449	29.620	11.636	4.9762	5.2963
#2	53.828	29.612	11.628	4.9705	5.2963
#3	53.826	29.504	11.580	4.9544	5.2870

Int. Std.	Y_3710
Units	Cts/S
Avg	8176.5
Stddev	17.8
%RSD	.21786

#1	8188.3
#2	8156.0
#3	8185.2

Sample Name: ICV Acquired: 1/31/2017 11:48:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.9115740	1.026564	.9464222	.9618528	.9409536	2.417444
Stddev	.0050970	.006034	.0008921	.0062353	.0058798	.057399
%RSD	.5591401	.5878048	.0942585	.6482634	.6248810	2.374385

#1	.9093425	1.033110	.9473837	.9673538	.9474047	2.417617
#2	.9174062	1.021223	.9456213	.9631251	.9395611	2.359959
#3	.9079734	1.025359	.9462616	.9550794	.9358950	2.474758

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012512	.4850804	.4621818	10.15584	.5181246	.4668668
Stddev	.0117078	.0090994	.0013116	.23469	.0019472	.0020133
%RSD	2.335718	1.875860	.2837946	2.310923	.3758111	.4312451

#1	.5028937	.4843844	.4635896	10.14363	.5159850	.4664432
#2	.4888089	.4763489	.4619615	9.92750	.5197927	.4690583
#3	.5120510	.4945078	.4609942	10.39641	.5185961	.4650990

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997509	5.400680	.5196595	5.685228	.4743857	.4664858
Stddev	.0131207	.135214	.0130321	.179320	.0007493	.0006472
%RSD	2.625457	2.503651	2.507814	3.154139	.1579605	.1387329

#1	.5035911	5.409532	.5209019	5.670981	.4750106	.4664787
#2	.4851386	5.261258	.5060507	5.513457	.4735549	.4658421
#3	.5105231	5.531251	.5320259	5.871247	.4745915	.4671364

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.418028	.5288571	1.008709	9.207959	F -.003908	F .0028748
Stddev	.220743	.0068179	.031203	.205432	.005594	.0010048
%RSD	2.343839	1.289181	3.093378	2.231025	143.1333	34.95307

#1	9.504938	.5262987	.988651	9.225507	.002379	.0026922
#2	9.167058	.5236884	.992818	8.994316	-.005767	.0019738
#3	9.582088	.5365842	1.044659	9.404054	-.008337	.0039584

Sample Name: ICV Acquired: 1/31/2017 11:48:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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 -.001164	-.000081	.0003368	F .0013237	-.000452	.0024285
Stddev	.000202	.003830	.0008974	.0027587	.000146	.0003908
%RSD	17.36549	4740.011	266.4151	208.4176	32.38254	16.09110

#1	-.001128	-.000699	.0001982	.0032227	-.000537	.0021373
#2	-.000982	-.003564	-.000483	.0025890	-.000283	.0022755
#3	-.001381	.004020	.001296	-.001841	-.000537	.0028726

Elem	Sr4077
Units	ppm
Avg	.0117333
Stddev	.0002375
%RSD	2.024074

#1	.0117947
#2	.0114712
#3	.0119341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	50.33781	1314.558	54573.59	9002.349	2252.290
Stddev	1.40234	6.548	23.16	151.249	6.005
%RSD	2.785863	.4980925	.0424376	1.680104	.2666087

#1	51.15126	1309.871	54596.86	8984.253	2249.069
#2	51.14363	1311.764	54573.36	9161.831	2248.582
#3	48.71853	1322.039	54550.54	8860.961	2259.218

Sample Name: ICB Acquired: 1/31/2017 11:52:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.009504	-.002886	.0006492	.0004477	-.002351	-.001395	-.001225
Stddev	.012185	.002129	.0010086	.0024130	.002793	.002781	.000395
%RSD	128.2069	73.75756	155.3758	538.9301	118.8202	199.3294	32.21830

#1	.004562	-.002294	.0014495	.0028022	-.003997	-.002775	-.001302
#2	-.016839	-.005248	-.000484	-.002020	-.003930	.001806	-.001576
#3	-.016236	-.001116	.000982	.000561	.000874	-.003216	-.000798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000134	.0000170	-.009341	-.000206	-.000247	.0015542	-.012195
Stddev	.000064	.0000541	.001648	.000149	.000400	.0018497	.002844
%RSD	47.82931	317.7656	17.63997	72.01058	161.8270	119.0080	23.32169

#1	-.000208	-.000044	-.010568	-.000378	-.000034	-.000251	-.014225
#2	-.000107	.000059	-.007468	-.000128	-.000708	.001468	-.013416
#3	-.000089	.000036	-.009986	-.000113	.000001	.003445	-.008944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004884	.0041819	-.000353	.0009855	.0787738	-.000373	-.010409
Stddev	.0002732	.0130743	.000110	.0001286	.0399094	.003819	.005151
%RSD	55.94729	312.6421	31.24291	13.05351	50.66337	1023.000	49.48166

#1	.0001744	-.004105	-.000275	.0011263	.0461963	-.003215	-.009005
#2	.0006719	-.002603	-.000479	.0008741	.0668349	.003967	-.006106
#3	.0006189	.019254	-.000305	.0009561	.1232901	-.001872	-.016116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090177	-.002593	-.000304	-.000455	-.002819	-.002997	.0009626
Stddev	.041962	.004545	.000910	.000396	.006035	.000990	.0022336
%RSD	46.53295	175.2632	299.6136	87.04531	214.0483	33.04715	232.0522

#1	-.133375	-.007157	-.000783	-.000910	.001761	-.003121	-.000779
#2	-.049571	.001933	-.000873	-.000269	-.000561	-.001950	.000185
#3	-.087586	-.002555	.000746	-.000186	-.009658	-.003919	.003481

Sample Name: ICB Acquired: 1/31/2017 11:52:38 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.000106	.0028265	.0000147
Stddev	.000977	.0002046	.0000399
%RSD	920.1557	7.239594	270.8462

#1	-.001041	.0030172	-.000010
#2	-.000185	.0028520	.000061
#3	.000908	.0026104	-.000006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	48.80361	1312.356	54705.94	8668.692	2311.592
Stddev	.33059	2.231	122.33	39.740	2.519
%RSD	.6773864	.1699949	.2236046	.4584361	.1089536

#1	49.14500	1314.023	54565.17	8624.950	2313.666
#2	48.48500	1313.223	54766.30	8678.550	2312.319
#3	48.78083	1309.821	54786.36	8702.575	2308.789

Sample Name: ICSA Acquired: 1/31/2017 11:57:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.0008968	-.003396	-.002210	.0147517	.0012757	254.6051
Stddev	.0041466	.002488	.006478	.0099495	.0018867	2.4933
%RSD	462.3904	73.27012	293.1375	67.44659	147.9005	.9792736

#1	-.003471	-.006250	-.007379	.0242637	.0003631	254.3010
#2	.001381	-.001684	.005057	.0155755	.0000187	252.2778
#3	.004780	-.002253	-.004308	.0044159	.0034452	257.2365

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046943	.0010025	.0017257	249.4337	.0490995	-.001319
Stddev	.0003927	.0001123	.0002481	2.2462	.0009311	.000046
%RSD	8.364677	11.20006	14.37841	.9005283	1.896333	3.469381

#1	.0050510	.0010982	.0018141	249.4193	.0483195	-.001323
#2	.0047582	.0008789	.0019174	247.1948	.0501303	-.001272
#3	.0042736	.0010305	.0014454	251.6871	.0488487	-.001363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174826	104.5738	.0110838	257.0962	.0000880	-.003981
Stddev	.0013583	.9197	.0003513	2.2060	.0001358	.000214
%RSD	7.769396	.8795028	3.169117	.8580399	154.2375	5.387405

#1	.0161422	104.7516	.0114114	257.4384	.0002430	-.004045
#2	.0174474	103.5782	.0107129	254.7391	.0000314	-.004156
#3	.0188581	105.3917	.0111271	259.1111	-.000010	-.003742

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5961625	.0027423	.0154362	-.159134	-.006413	F .0348984
Stddev	.0292889	.0019487	.0044748	.059842	.007553	.0027542
%RSD	4.912901	71.06020	28.98911	37.60481	117.7605	7.892109

#1	.5712266	.0036500	.0131216	-.140775	-.000422	.0349098
#2	.6284165	.0040716	.0125928	-.226005	-.014897	.0321385
#3	.5888444	.0005054	.0205943	-.110623	-.003921	.0376469

Sample Name: ICSA Acquired: 1/31/2017 11:57:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.001156	.0045158	-.006738	-.001009	-.000065	.0030292
Stddev	.000728	.0028520	.001372	.000235	.001074	.0013351
%RSD	63.02491	63.15552	20.36100	23.27804	1661.569	44.07280

#1	-.000615	.0074042	-.008289	-.001071	-.000654	.0036069
#2	-.001984	.0017017	-.005685	-.000749	.001175	.0039781
#3	-.000868	.0044416	-.006239	-.001207	-.000715	.0015026

Elem	Sr4077
Units	ppm
Avg	.1037369
Stddev	.0008868
%RSD	.8548574

#1	.1038912
#2	.1027831
#3	.1045365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	47.25203	1200.444	49062.72	8553.474	1844.415
Stddev	.93328	4.132	67.47	57.379	7.512
%RSD	1.975111	.3442356	.1375227	.6708223	.4072608

#1	47.44396	1195.694	48994.71	8534.749	1839.373
#2	48.07443	1202.427	49063.80	8617.876	1840.825
#3	46.23771	1203.212	49129.64	8507.797	1853.048

Sample Name: ICSAB Acquired: 1/31/2017 12:01:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.0960177	.1102152	.0475498	.0583016	.5814689	249.2992
Stddev	.0124606	.0022330	.0021980	.0083992	.0026790	.2559
%RSD	12.97735	2.026005	4.622549	14.40649	.4607338	.1026415

#1	.0969540	.1076394	.0500247	.0618608	.5843369	249.3967
#2	.1079837	.1114036	.0467996	.0487088	.5810390	249.0090
#3	.0831154	.1116028	.0458251	.0643351	.5790308	249.4921

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126021	.5037581	.9696457	243.8928	.5609417	.4836929
Stddev	.0012427	.0027718	.0007400	.6116	.0019252	.0013771
%RSD	.2424246	.5502325	.0763172	.2507857	.3432007	.2847145

#1	.5138760	.5014667	.9696703	244.2205	.5625035	.4821161
#2	.5113932	.5029685	.9703732	243.1871	.5587908	.4843028
#3	.5125372	.5068390	.9688938	244.2707	.5615306	.4846598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5162338	102.1177	.5225757	251.3939	.9637372	.1918449
Stddev	.0035633	.3456	.0034812	.7988	.0009782	.0005111
%RSD	.6902576	.3384465	.6661587	.3177405	.1015050	.2664303

#1	.5188765	102.4488	.5265795	251.7392	.9626858	.1922588
#2	.5176438	101.7592	.5208833	250.4806	.9646205	.1912736
#3	.5121813	102.1451	.5202642	251.9621	.9639055	.1920024

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645720	.5259883	1.030312	-.245909	-.003323	F .0348964
Stddev	.0318218	.0043118	.019328	.028514	.007895	.0011641
%RSD	49.28113	.8197454	1.875938	11.59531	237.5821	3.335859

#1	.0296092	.5214593	1.044244	-.213070	-.012050	.0352659
#2	.0722640	.5300437	1.038445	-.260274	.003321	.0358309
#3	.0918428	.5264621	1.008246	-.264384	-.001239	.0335924

Sample Name: ICSAB Acquired: 1/31/2017 12:01:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.000756	-.009042	-.008110	-.001856	-.000528	.0022774
Stddev	.000371	.005575	.000202	.000927	.001485	.0004002
%RSD	49.01504	61.66150	2.489094	49.96101	281.3231	17.57495

#1	-.000480	-.011562	-.008195	-.002442	-.002177	.0019159
#2	-.001178	-.002651	-.007879	-.000787	.000705	.0022087
#3	-.000611	-.012912	-.008255	-.002339	-.000112	.0027075

Elem	Sr4077
Units	ppm
Avg	.1011262
Stddev	.0003046
%RSD	.3012151

#1	.1014287
#2	.1008195
#3	.1011304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	48.02141	1213.715	50161.64	8693.394	1875.706
Stddev	.91354	2.075	221.70	21.417	1.106
%RSD	1.902362	.1709913	.4419789	.2463637	.0589850

#1	47.39104	1211.495	49905.77	8674.580	1876.760
#2	47.60410	1215.607	50282.35	8716.702	1875.803
#3	49.06908	1214.042	50296.79	8688.899	1874.554

Sample Name: CCV023 Acquired: 1/31/2017 12:05:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.063991	4.910850	24.90055	5.103009	5.071341	413.6468	10.26178
Stddev	.009593	.009463	.02719	.020107	.007343	.2915	.01819
%RSD	.1894278	.1927007	.1091750	.3940235	.1448016	.0704613	.1772539

#1	5.074430	4.913678	24.92846	5.119670	5.079236	413.8419	10.27935
#2	5.055563	4.918576	24.87415	5.108681	5.064714	413.7867	10.26296
#3	5.061981	4.900295	24.89903	5.080675	5.070073	413.3118	10.24303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5181714	2.514607	410.7087	15.82943	2.523069	15.50396	413.2962
Stddev	.0015401	.002061	.6825	.21501	.005165	.01138	1.6881
%RSD	.2972253	.0819780	.1661755	1.358306	.2047304	.0733730	.4084432

#1	.5184011	2.516349	409.9611	16.07368	2.529014	15.50304	411.3499
#2	.5165294	2.512331	411.2984	15.74583	2.519673	15.51577	414.3616
#3	.5195838	2.515141	410.8666	15.66877	2.520521	15.49307	414.1772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01702	407.0746	2.522515	1.293558	404.8904	2.584450	14.99272
Stddev	.04945	1.7510	.005367	.017200	1.0541	.019772	.19468
%RSD	.3292708	.4301487	.2127818	1.329690	.2603511	.7650372	1.298529

#1	14.96102	405.1137	2.528581	1.313274	403.7132	2.587120	14.83566
#2	15.05467	407.6281	2.518380	1.285776	405.2106	2.602751	15.21054
#3	15.03537	408.4819	2.520585	1.281624	405.7472	2.563478	14.93198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.4773	5.115741	5.028294	5.013935	5.112929	5.101720	5.026831
Stddev	.1061	.025739	.010143	.007998	.026875	.023598	.015083
%RSD	.0673777	.5031288	.2017117	.1595060	.5256213	.4625404	.3000443

#1	157.3730	5.141652	5.020583	5.018731	5.119418	5.124579	5.042389
#2	157.5852	5.115396	5.024515	5.004703	5.135965	5.077448	5.025830
#3	157.4737	5.090178	5.039784	5.018372	5.083404	5.103133	5.012273

Sample Name: CCV023 Acquired: 1/31/2017 12:05:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.130619	5.226174	5.200207
Stddev	.015644	.009883	.037589
%RSD	.3049083	.1891142	.7228383

#1	5.143768	5.233003	5.202773
#2	5.134771	5.230678	5.236446
#3	5.113318	5.214841	5.161400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	42.47228	1058.438	45261.48	8125.688	1592.925
Stddev	.45775	1.239	530.94	7.255	3.706
%RSD	1.077769	.1170183	1.173059	.0892899	.2326591

#1	42.89035	1057.023	44690.58	8132.073	1588.704
#2	41.98315	1059.323	45353.38	8117.798	1594.424
#3	42.54333	1058.968	45740.48	8127.192	1595.647

Sample Name: CCB023 Acquired: 1/31/2017 12:09:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006579	-.001213	-.000446	.0020971	.0001743	-.004078	-.001186
Stddev	.005385	.001604	.003469	.0026288	.0012143	.003952	.000227
%RSD	81.86010	132.1962	776.9452	125.3545	696.5202	96.89073	19.18330

#1	-.006022	-.000215	.002051	.0004438	.0009057	-.007765	-.001418
#2	-.001493	-.003063	-.004407	.0051284	-.001227	.000094	-.000963
#3	-.012221	-.000361	.001017	.0007191	.000845	-.004564	-.001176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000853	.0000280	.0012985	.0004449	-.000106	-.000498	-.000546
Stddev	.0000688	.0001748	.0063869	.0004722	.000251	.001540	.006388
%RSD	80.72195	624.6397	491.8556	106.1230	237.8985	309.4139	1169.021

#1	.0000303	.0001486	.0043960	-.000085	-.000037	-.000374	.006827
#2	.0001624	-.000172	.0055461	.000600	.000104	.000977	-.004083
#3	.0000630	.000108	-.006047	.000820	-.000384	-.002097	-.004384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008853	.0024678	.0002015	.0006871	.0087379	-.003093	.0020787
Stddev	.0005741	.0116932	.0006007	.0002756	.0153535	.001196	.0096136
%RSD	64.84774	473.8369	298.1813	40.10366	175.7117	38.66654	462.4911

#1	.0015311	-.007765	.0008720	.0003904	.0213524	-.003847	-.002128
#2	.0006917	-.000044	.0000202	.0007358	-.008358	-.003718	.013079
#3	.0004330	.015213	-.000288	.0009350	.013219	-.001714	-.004715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049471	.0009787	.0037574	-.000083	-.007425	-.002395	.0037103
Stddev	.018791	.0053278	.0007239	.000226	.001375	.002077	.0016399
%RSD	37.98374	544.3878	19.26712	273.8453	18.51442	86.75585	44.19935

#1	-.027918	-.001191	.0030869	.000049	-.006607	-.001822	.0056039
#2	-.062417	.007049	.0045249	.000047	-.009012	-.004698	.0027732
#3	-.058078	-.002922	.0036602	-.000344	-.006655	-.000664	.0027538

Sample Name: CCB023 Acquired: 1/31/2017 12:09:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001421	.0023102	.0000356
Stddev	.0004953	.0007545	.0000049
%RSD	348.5563	32.65832	13.74124

#1	.0006082	.0028410	.0000320
#2	-.000378	.0014465	.0000412
#3	.000196	.0026431	.0000338

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	49.21278	1326.088	55208.01	8816.458	2343.811
Stddev	1.82137	2.932	556.38	36.273	3.979
%RSD	3.701001	.2211281	1.007791	.4114209	.1697501

#1	47.15917	1325.683	55515.79	8780.950	2342.392
#2	50.63250	1329.202	55542.50	8814.975	2348.305
#3	49.84667	1323.379	54565.74	8853.450	2340.737

Sample Name: I1160-05A Acquired: 1/31/2017 12:13:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002065	.0571975	.0039338	.0784849	-.001584	.4579646	.1378912
Stddev	.012696	.0024518	.0006306	.0031610	.004042	.0058414	.0004232
%RSD	614.6857	4.286552	16.03094	4.027573	255.1630	1.275507	.3068780

#1	.003234	.0554730	.0041753	.0754657	.000968	.4570495	.1375112
#2	.007122	.0600042	.0032181	.0782183	.000524	.4642096	.1378152
#3	-.016553	.0561153	.0044080	.0817709	-.006244	.4526348	.1383472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010976	.0009953	22.17764	.0076338	.0476484	.0013369	.0479607
Stddev	.0000390	.0001068	.02778	.0005422	.0002708	.0012774	.0104963
%RSD	3.556379	10.72931	.1252421	7.102622	.5682352	95.54933	21.88518

#1	.0010530	.0009317	22.20588	.0082553	.0479582	-.000080	.0543039
#2	.0011255	.0009355	22.15035	.0072575	.0474571	.001691	.0537329
#3	.0011143	.0011186	22.17671	.0073886	.0475300	.002400	.0358451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.268990	8.833403	.0256996	.0008773	51.47142	-.005653	.0921118
Stddev	.026000	.034216	.0004392	.0003767	.23978	.005107	.0114010
%RSD	.4934476	.3873506	1.709077	42.93675	.4658463	90.35514	12.37736

#1	5.259815	8.804951	.0258787	.0009610	51.30316	-.000219	.1020742
#2	5.248823	8.823889	.0251992	.0012052	51.36512	-.006384	.0796777
#3	5.298334	8.871370	.0260211	.0004658	51.74597	-.010355	.0945836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.544447	-.002783	.0237948	-.000375	21.02440	10.99488	.0033989
Stddev	.057413	.003518	.0012343	.000313	.08191	.01823	.0026380
%RSD	3.717381	126.4315	5.187107	83.45576	.3896065	.1657752	77.61463

#1	1.595766	-.006127	.0251428	-.000605	21.04035	10.99878	.0003746
#2	1.555132	-.003106	.0235214	-.000501	21.09716	10.97502	.0045954
#3	1.482442	.000886	.0227201	-.000019	20.93568	11.01084	.0052266

Sample Name: I1160-05A Acquired: 1/31/2017 12:13:27 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002505	.0074225	.1351585
Stddev	.0007946	.0004593	.0005791
%RSD	317.1847	6.187474	.4284824

#1	.0011200	.0069233	.1350268
#2	.0000696	.0075172	.1346565
#3	-.000438	.0078270	.1357921

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	50.94584	1328.961	55720.98	9190.997	2174.569
Stddev	2.13734	2.473	220.58	24.162	3.289
%RSD	4.195309	.1860689	.3958722	.2628892	.1512521

#1	51.67232	1331.278	55969.91	9216.179	2176.478
#2	52.62524	1329.246	55549.80	9188.808	2176.457
#3	48.53996	1326.358	55643.23	9168.004	2170.771

Sample Name: CCV024 Acquired: 1/31/2017 12:17:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.858142	4.734532	23.97252	4.923927	4.886763	399.4396	9.835389
Stddev	.005755	.013789	.02588	.016030	.006344	.2152	.040515
%RSD	.1184534	.2912387	.1079611	.3255484	.1298135	.0538834	.4119310

#1	4.855152	4.748696	23.98980	4.925685	4.885949	399.3659	9.862297
#2	4.854498	4.733749	23.94277	4.907090	4.893474	399.2709	9.855078
#3	4.864776	4.721152	23.98500	4.939005	4.880866	399.6820	9.788793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4920944	2.422822	398.6077	15.01046	2.427018	14.86439	402.8092
Stddev	.0002881	.004129	.8694	.02727	.002975	.00908	1.3797
%RSD	.0585492	.1704364	.2180989	.1816549	.1225900	.0610682	.3425202

#1	.4921228	2.425904	399.5578	14.97969	2.428002	14.85940	404.3324
#2	.4923672	2.418130	398.4132	15.02004	2.423675	14.87487	402.4519
#3	.4917931	2.424433	397.8521	15.03164	2.429376	14.85891	401.6433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45752	394.0318	2.432100	1.234100	386.6322	2.470995	15.03350
Stddev	.03862	1.0156	.004742	.003288	1.4708	.007922	.21372
%RSD	.2671178	.2577388	.1949595	.2664228	.3804190	.3206028	1.421649

#1	14.48562	394.9623	2.431221	1.230706	387.3234	2.470805	14.84050
#2	14.47346	394.1846	2.427860	1.234322	387.6301	2.463170	14.99681
#3	14.41348	392.9485	2.437220	1.237271	384.9431	2.479011	15.26320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7474	4.925067	4.804195	4.849537	4.931119	4.823633	4.849340
Stddev	.2288	.008637	.009051	.005683	.030728	.011403	.004720
%RSD	.1507923	.1753725	.1884003	.1171877	.6231521	.2363927	.0973301

#1	151.6282	4.935035	4.813507	4.847006	4.948909	4.812813	4.844027
#2	151.6027	4.920371	4.803650	4.856046	4.895637	4.822544	4.853050
#3	152.0112	4.919794	4.795430	4.845559	4.948810	4.835541	4.850942

Sample Name: CCV024 Acquired: 1/31/2017 12:17:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.935318	5.019721	4.941398
Stddev	.017061	.003054	.030791
%RSD	.3456868	.0608491	.6231240

#1	4.941120	5.019197	4.971055
#2	4.916113	5.016963	4.943552
#3	4.948721	5.023004	4.909586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	42.13559	1080.939	46825.20	8394.327	1629.771
Stddev	.39545	.891	103.47	17.659	3.275
%RSD	.9385070	.0824549	.2209753	.2103650	.2009620

#1	42.42047	1080.059	46929.96	8380.205	1626.413
#2	42.30219	1081.841	46822.56	8388.650	1632.956
#3	41.68410	1080.916	46723.07	8414.126	1629.944

Sample Name: CCB024 Acquired: 1/31/2017 12:21:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005507	.0006762	.0018204	.0033937	-.003611	.0010135	-.001183
Stddev	.003000	.0017733	.0023322	.0008658	.002121	.0039413	.000178
%RSD	54.47555	262.2627	128.1167	25.51161	58.73754	388.8583	15.02082

#1	-.007687	.0008256	.0033649	.0029205	-.001467	.0054260	-.001357
#2	-.002086	-.001167	.0029587	.0028676	-.003658	-.002158	-.001002
#3	-.006749	.002370	-.000862	.0043930	-.005709	-.000228	-.001191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000009	-.000094	-.002408	.0004764	-.000105	-.000552	.0003580
Stddev	.0000740	.000141	.005482	.0001998	.000340	.001592	.0034200
%RSD	7979.199	150.3190	227.6397	41.95187	324.7777	288.5590	955.2530

#1	.0000070	.000051	-.006885	.0002474	.000080	-.000982	.0006312
#2	-.000076	-.000101	-.004047	.0006160	.000104	.001211	.0036333
#3	.000072	-.000232	.003706	.0005656	-.000497	-.001884	-.003190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006575	-.011515	-.000440	.0004822	-.010856	.0005001	-.009705
Stddev	.0005474	.028934	.000375	.0001591	.068728	.0023347	.003168
%RSD	83.25892	251.2815	85.30258	32.98860	633.0682	466.8516	32.64188

#1	.0004499	.016528	-.000804	.0003238	-.076313	.0017174	-.009953
#2	.0002442	-.041265	-.000462	.0004808	.060731	.0019745	-.006421
#3	.0012783	-.009808	-.000054	.0006419	-.016987	-.002192	-.012742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060570	-.000691	.0056464	-.000316	.0043460	-.002278	.0031425
Stddev	.023956	.001903	.0014679	.000094	.0104557	.001433	.0004183
%RSD	39.55072	275.2567	25.99725	29.61735	240.5838	62.91527	13.30939

#1	-.034380	-.002770	.0043623	-.000215	.0088235	-.001316	.0029592
#2	-.065956	-.000268	.0072466	-.000334	.0118172	-.003926	.0036211
#3	-.081375	.000965	.0053302	-.000400	-.007603	-.001593	.0028473

Sample Name: CCB024 Acquired: 1/31/2017 12:21:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003815	.0033235	.0000031
Stddev	.0004347	.0001815	.0000569
%RSD	113.9289	5.461462	1810.724

#1	.0005062	.0034298	.0000680
#2	-.000102	.0031139	-.000038
#3	.000740	.0034268	-.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	49.50611	1311.748	55271.39	8718.975	2324.459
Stddev	.34796	2.129	92.27	29.243	4.788
%RSD	.7028640	.1623184	.1669425	.3354003	.2059788

#1	49.51250	1312.873	55348.54	8699.975	2327.917
#2	49.15500	1313.078	55169.17	8752.650	2326.466
#3	49.85083	1309.292	55296.45	8704.300	2318.994