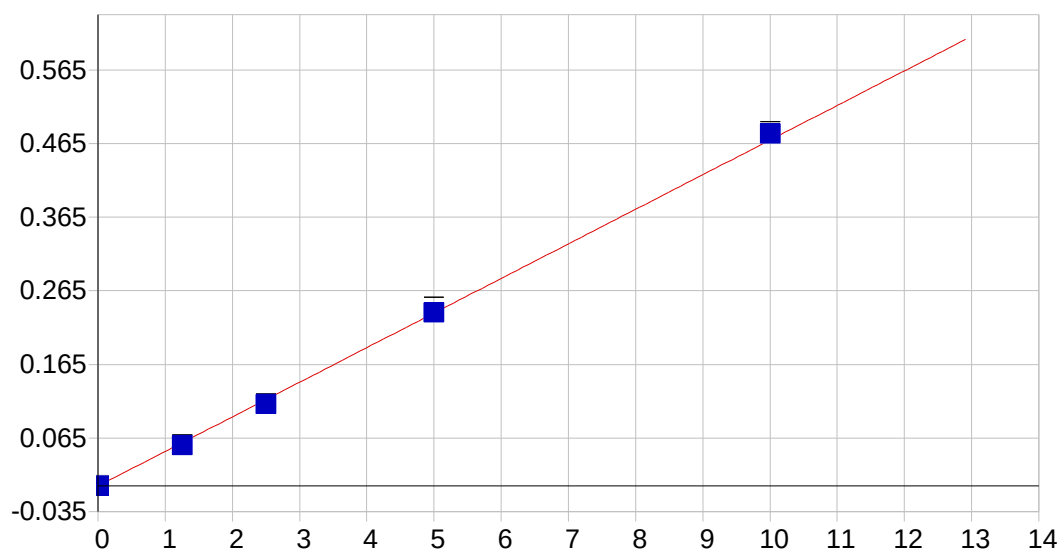




As 189.042 {479}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000201

Re-Slope: 1.000000

A1 (Gain): 0.046986

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999628

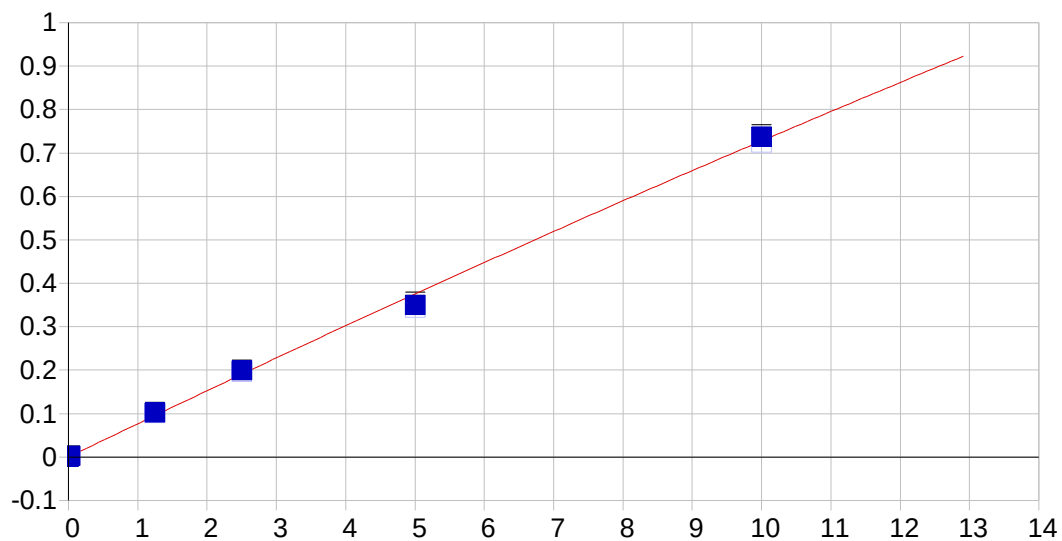
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.003087

Predicted MQL: 0.010291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.01088	.001	8.77	.00031	.000	1
S2	1.2500	1.1793	-.071	-5.65	.05519	.000	1
S3	2.5000	2.3717	-.128	-5.13	.11120	.001	1
S4	5.0000	5.0183	.018	.366	.23552	.007	1
S5	10.000	10.180	.180	1.80	.47797	.003	1

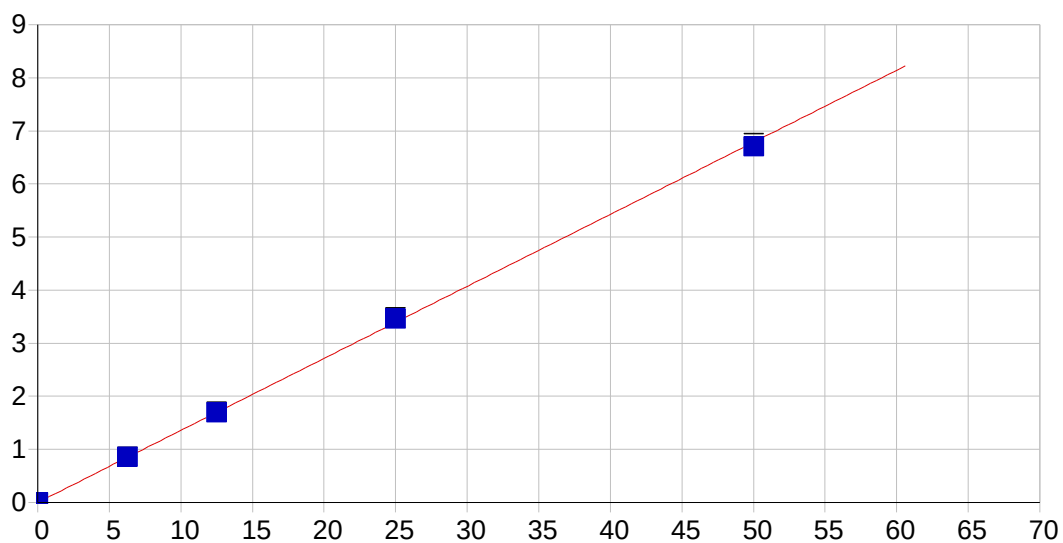


TI 190.856 {477}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.077501 Y-int: 0.000000
 A2 (Curvature): -0.000468
 n (Exponent): 1.000000
 Correlation: 0.998933 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001378
 Predicted MQL: 0.004594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00024	.000	1
S1	.02500	.02906	.004	16.2	.00184	.000	1
S2	1.2500	1.3388	.089	7.10	.10091	.001	1
S3	2.5000	2.6172	.117	4.69	.19586	.001	1
S4	5.0000	4.6487	-.351	-7.03	.34288	.007	1
S5	10.000	10.144	.144	1.44	.72364	.005	1



Pb 220.353 {453}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000885

Re-Slope: 1.000000

A1 (Gain): 0.135682

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

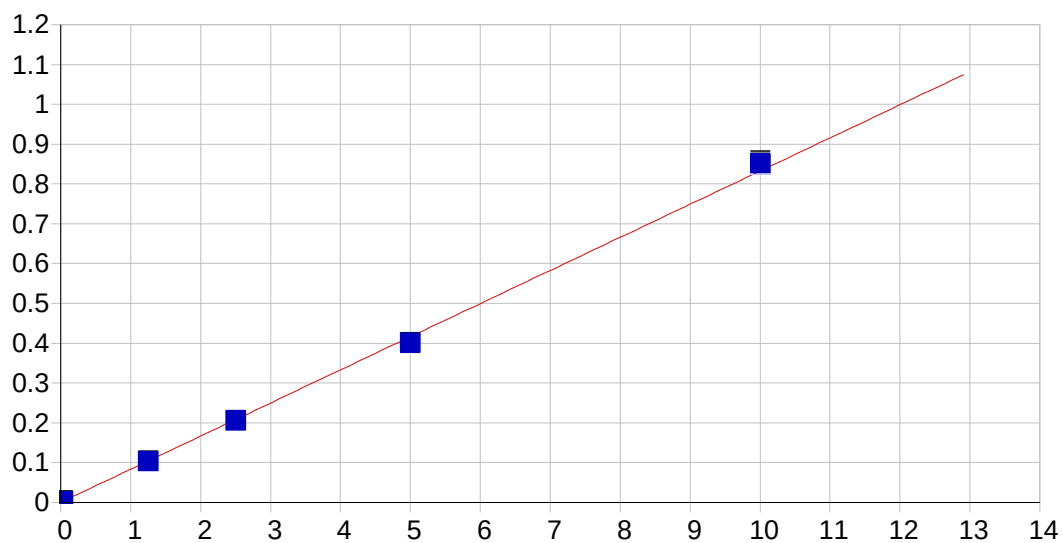
Status: OK.

Std Error of Est: 0.000070

Predicted MDL: 0.001460

Predicted MQL: 0.004866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.01000	.00840	-.002	-16.0	.00202	.000	1
S2	6.2500	6.3108	.061	.974	.85740	.005	1
S3	12.500	12.500	.000	.001	1.6974	.007	1
S4	25.000	25.507	.507	2.03	3.4627	.017	1
S5	50.000	49.434	-.566	-1.13	6.7102	.053	1

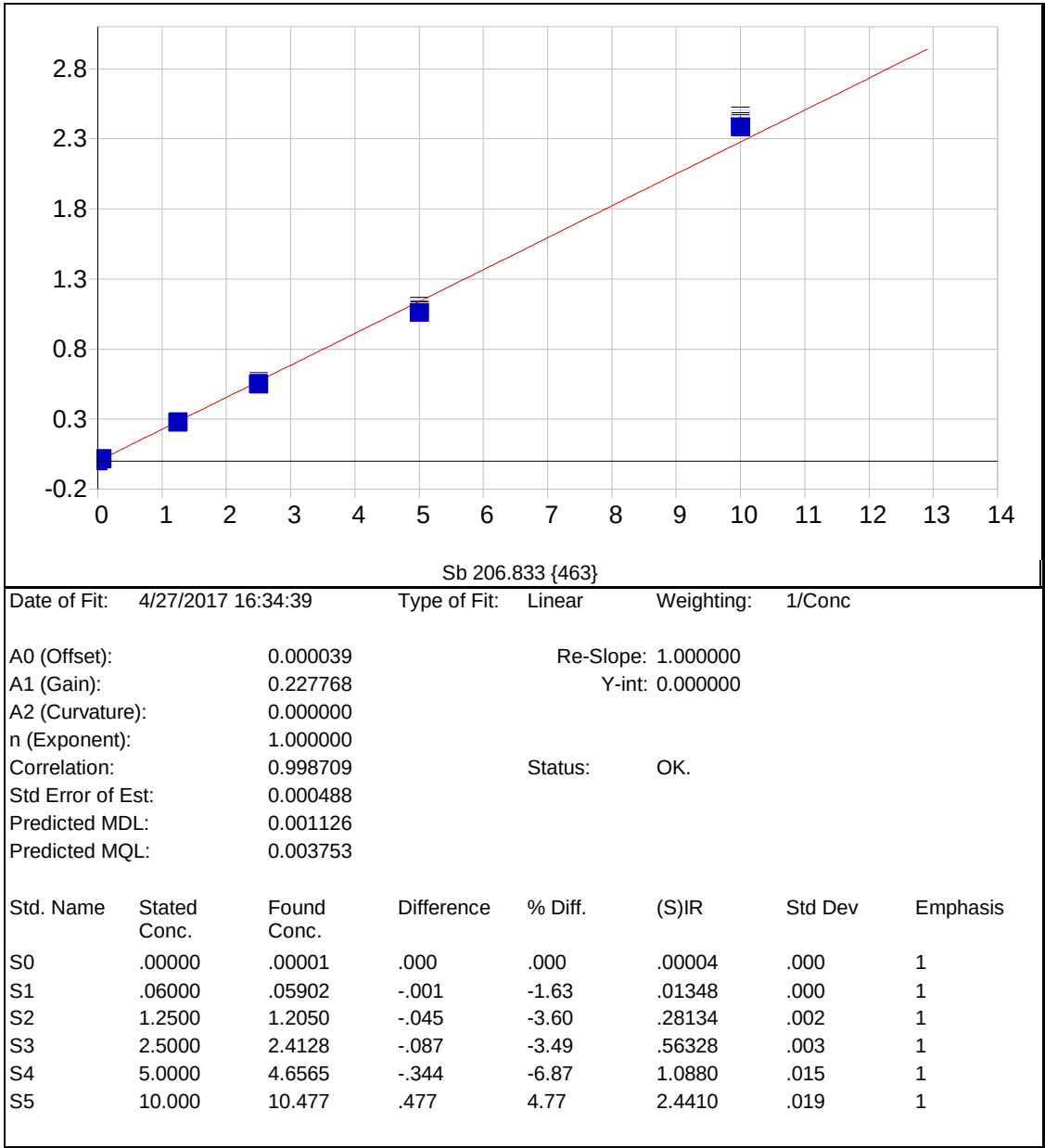


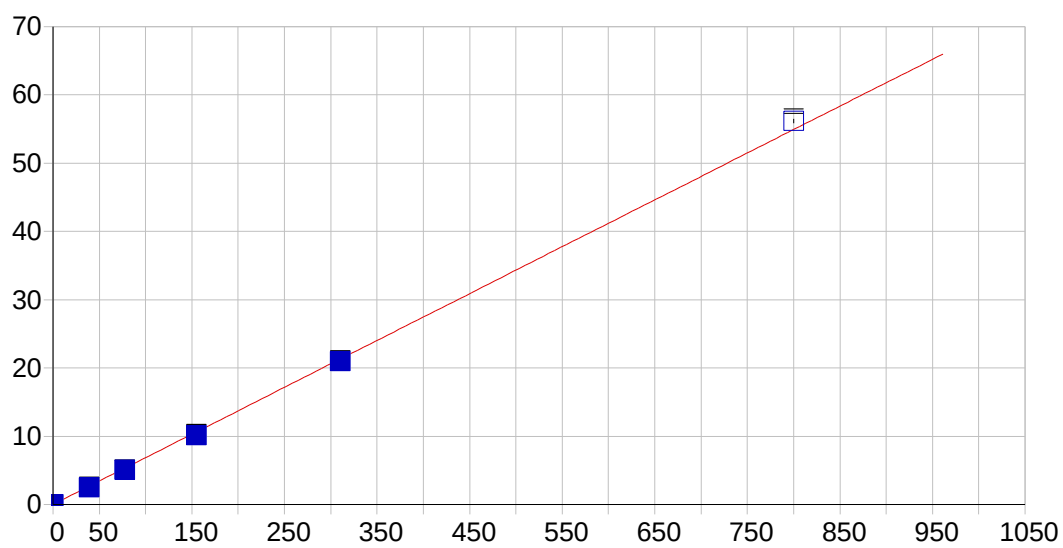
Se 196.090 {472}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.083212 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999674 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.002524
 Predicted MQL: 0.008413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.03500	.03705	.002	5.85	.00338	.000	1
S2	1.2500	1.2416	-.008	-.668	.10324	.001	1
S3	2.5000	2.4658	-.034	-1.37	.20471	.001	1
S4	5.0000	4.8184	-.182	-3.63	.39971	.002	1
S5	10.000	10.222	.222	2.22	.84783	.008	1





AI 396.152 { 85}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000791

Re-Slope: 1.000000

A1 (Gain): 0.068659

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999592

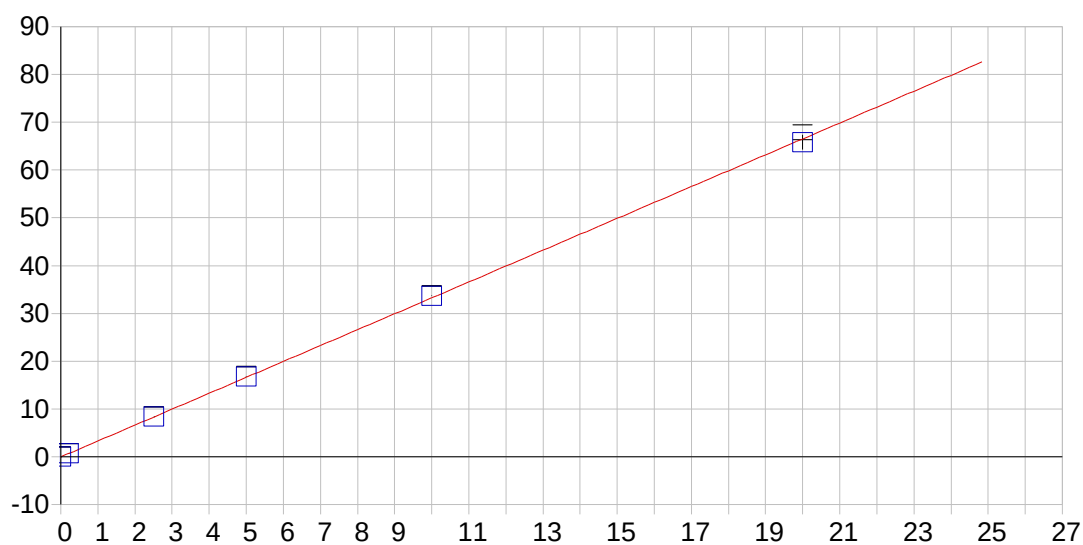
Status: OK.

Std Error of Est: 0.001220

Predicted MDL: 0.008145

Predicted MQL: 0.027150

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00079	.000	1
S1	.20000	.20171	.002	.854	.01467	.000	1
S2	38.750	36.593	-2.16	-5.57	2.5164	.016	1
S3	77.500	73.919	-3.58	-4.62	5.0823	.013	1
S4	155.00	147.30	-7.70	-4.96	10.127	.144	1
S5	310.00	305.61	-4.39	-1.42	21.009	.045	1
S6	800.00	817.84	17.8	2.23	56.153	.309	1



Ba 493.409 { 68}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.031545

Re-Slope: 1.000000

A1 (Gain): 3.327401

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999928

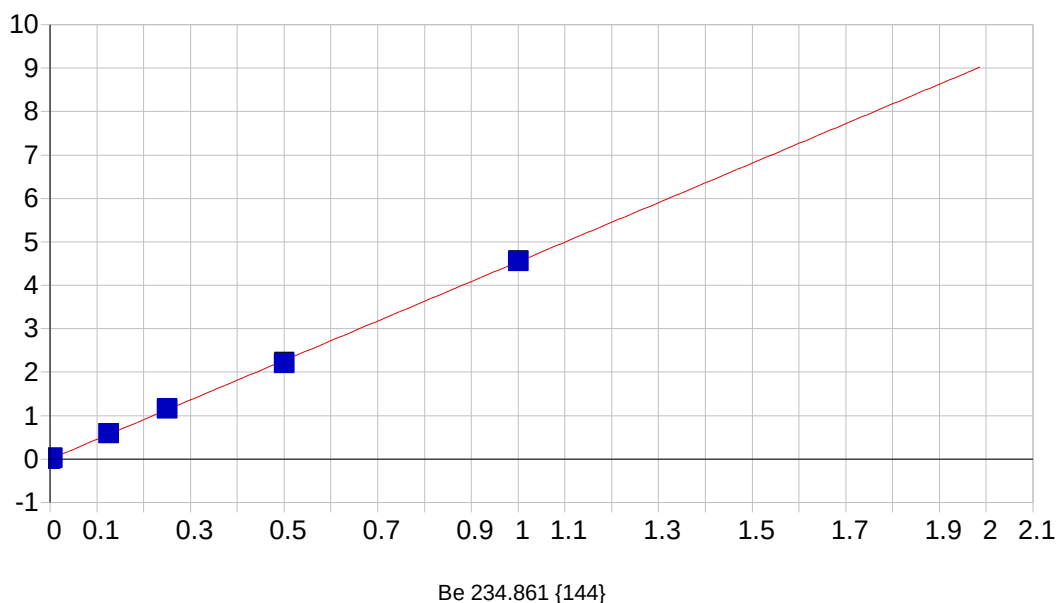
Status: OK.

Std Error of Est: 0.004251

Predicted MDL: 0.000529

Predicted MQL: 0.001763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.03160	.001	1
S1	.20000	.21139	.011	5.69	.67183	.007	1
S2	2.5000	2.5214	.021	.855	8.3581	.027	1
S3	5.0000	5.0540	.054	1.08	16.785	.058	1
S4	10.000	10.130	.130	1.30	33.675	.075	1
S5	20.000	19.783	-.217	-1.08	65.796	1.57	1



Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001563

Re-Slope: 1.000000

A1 (Gain): 4.542845

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999752

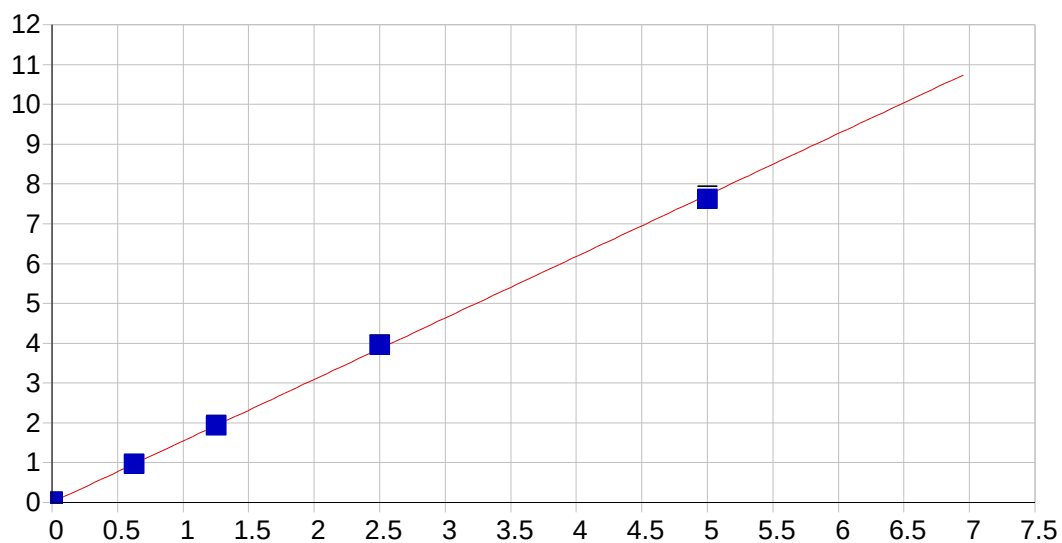
Status: OK.

Std Error of Est: 0.000379

Predicted MDL: 0.000073

Predicted MQL: 0.000242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00157	.000	1
S1	.00500	.00581	.001	16.3	.02484	.000	1
S2	.12500	.13008	.005	4.06	.58744	.007	1
S3	.25000	.25595	.006	2.38	1.1573	.002	1
S4	.50000	.48519	-.015	-2.96	2.1950	.031	1
S5	1.0000	1.0030	.003	.297	4.5395	.009	1



Cd 214.438 {457}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000528

Re-Slope: 1.000000

A1 (Gain): 1.544413

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999887

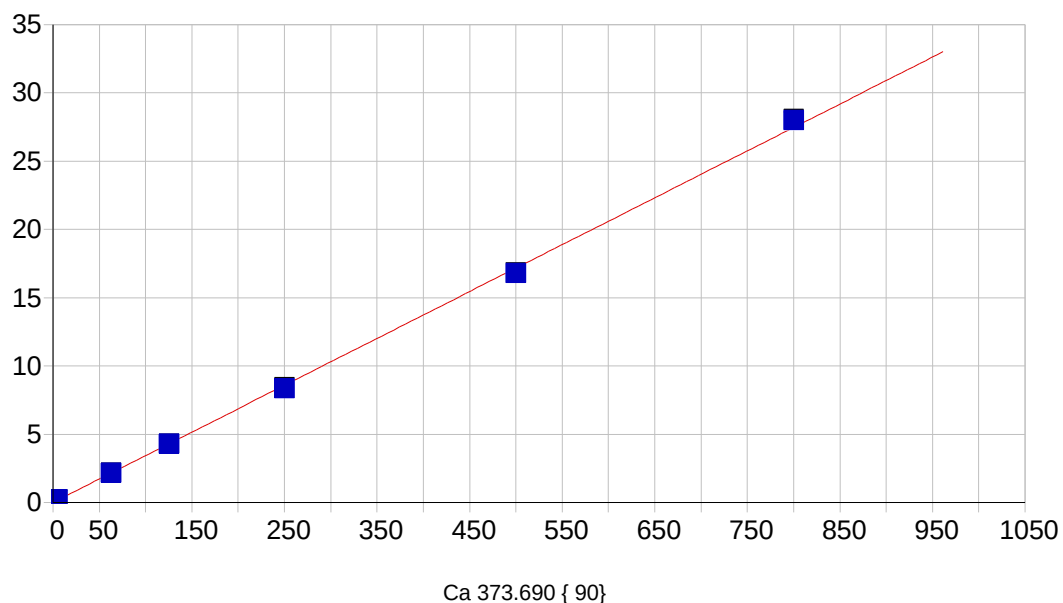
Status: OK.

Std Error of Est: 0.000195

Predicted MDL: 0.000090

Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.00500	.00493	.000	-1.36	.00815	.000	1
S2	.62500	.62852	.004	.564	.97292	.008	1
S3	1.2500	1.2525	.003	.201	1.9383	.005	1
S4	2.5000	2.5572	.057	2.29	3.9566	.009	1
S5	5.0000	4.9369	-.063	-1.26	7.6386	.063	1



Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000978

Re-Slope: 1.000000

A1 (Gain): 0.034337

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999793

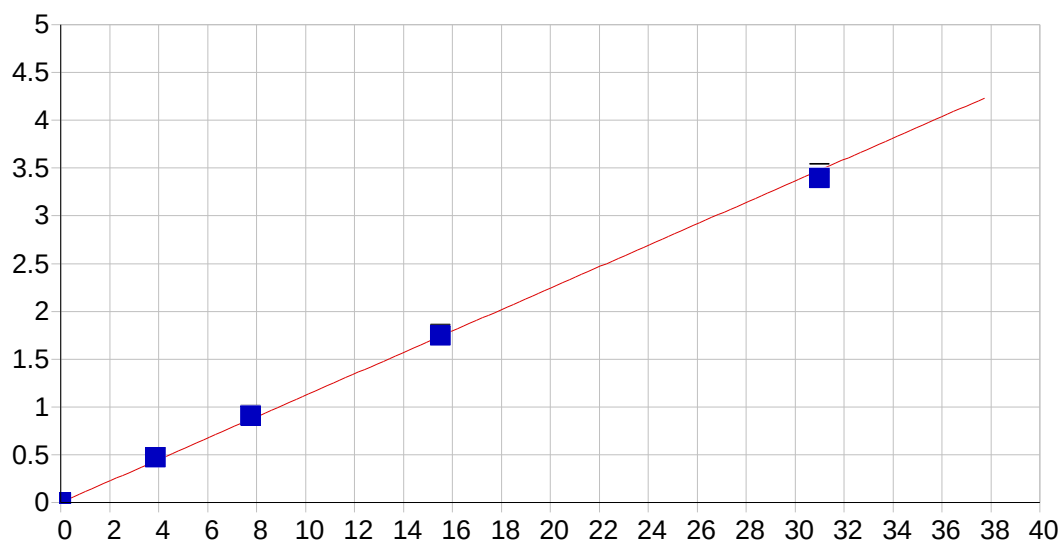
Status: OK.

Std Error of Est: 0.002432

Predicted MDL: 0.013248

Predicted MQL: 0.044159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00097	.001	1
S1	5.0000	5.2713	.271	5.43	.18197	.002	1
S2	62.500	63.225	.725	1.16	2.1693	.014	1
S3	125.00	125.32	.316	.253	4.2988	.006	1
S4	250.00	243.61	-6.39	-2.56	8.3554	.062	1
S5	500.00	489.43	-10.6	-2.11	16.786	.040	1
S6	800.00	815.66	15.7	1.96	27.953	.099	1

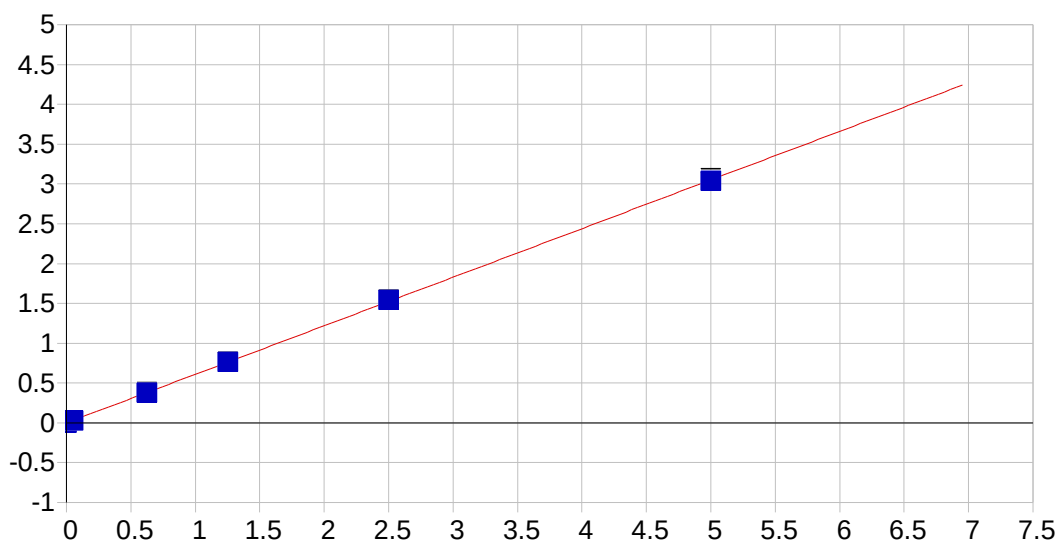


Cr 267.716 {126}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.112131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999518 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.000453
 Predicted MQL: 0.001509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01154	.002	15.4	.00136	.000	1
S2	3.8750	4.1745	.300	7.73	.46927	.001	1
S3	7.7500	8.0952	.345	4.45	.91002	.003	1
S4	15.500	15.584	.084	.541	1.7520	.011	1
S5	31.000	30.270	-.730	-2.36	3.4032	.042	1

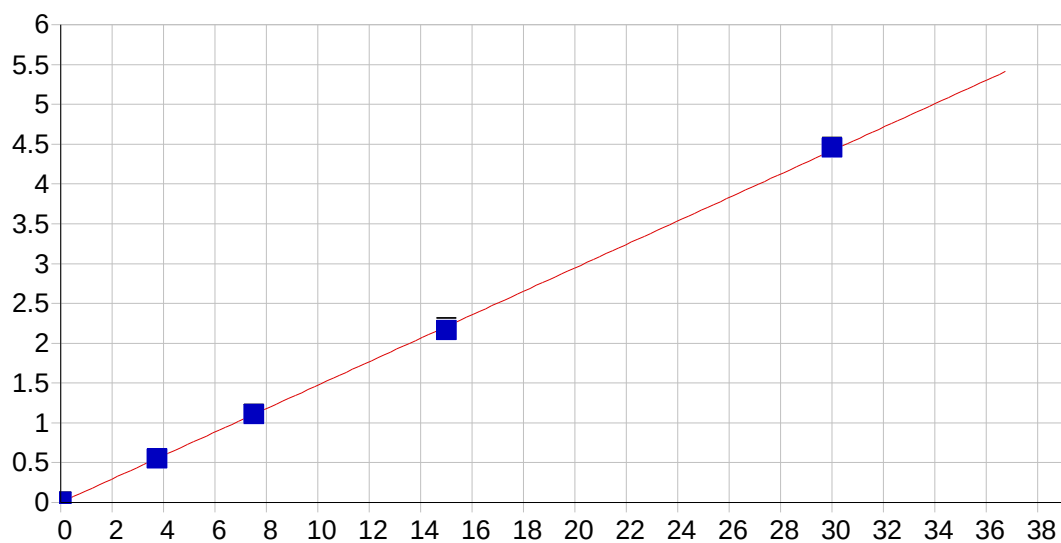


Co 228.616 {448}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.609937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000235
 Predicted MQL: 0.000782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.05000	.04845	-.002	-3.11	.02938	.000	1
S2	.62500	.62315	-.002	-.295	.38060	.002	1
S3	1.2500	1.2467	-.003	-.264	.76172	.003	1
S4	2.5000	2.5229	.023	.914	1.5417	.001	1
S5	5.0000	4.9838	-.016	-.323	3.0459	.024	1

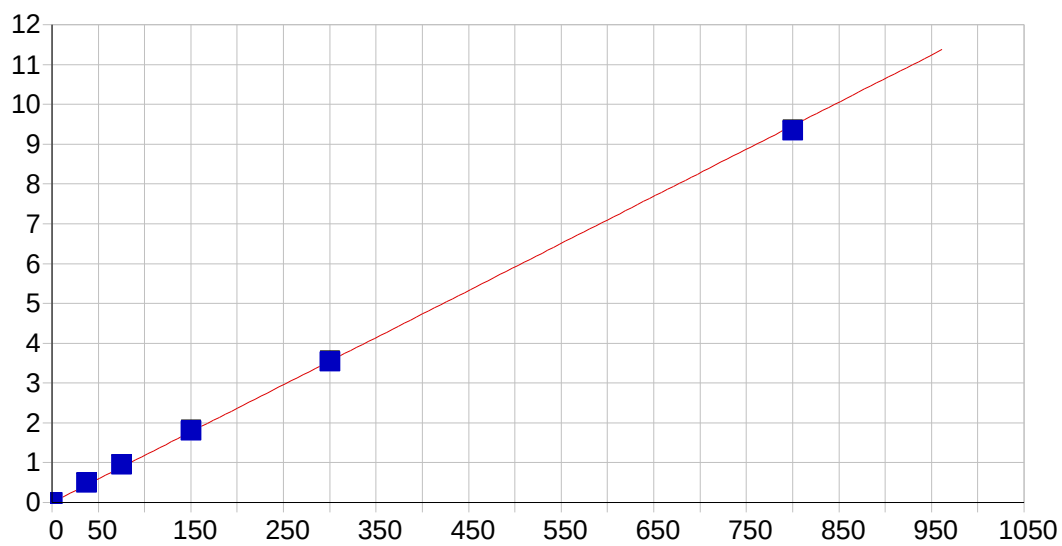


Cu 324.754 {104}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.147266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.002064
 Predicted MQL: 0.006880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.02500	.02669	.002	6.78	.00424	.000	1
S2	3.7500	3.7460	-.004	-.107	.55041	.003	1
S3	7.5000	7.5136	.014	.182	1.1037	.002	1
S4	15.000	14.707	-.293	-1.95	2.1599	.032	1
S5	30.000	30.282	.282	.939	4.4472	.006	1

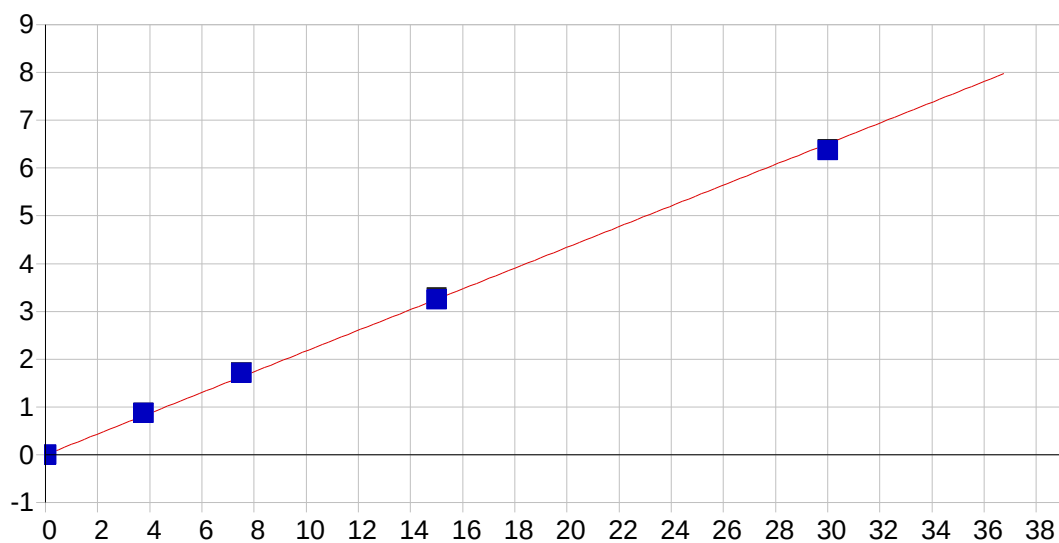


Fe 259.837 {130}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.011829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.014276
 Predicted MQL: 0.047585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00017	.000	1
S1	.10000	.11934	.019	19.3	.00159	.000	1
S2	37.500	41.382	3.88	10.4	.49020	.003	1
S3	75.000	80.366	5.37	7.15	.95186	.004	1
S4	150.00	152.65	2.65	1.77	1.8079	.017	1
S5	300.00	298.97	-1.03	-.345	3.5408	.013	1
S6	800.00	789.11	-10.9	-1.36	9.3392	.018	1



Mn 257.610 {131}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000146

Re-Slope: 1.000000

A1 (Gain): 0.216970

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999540

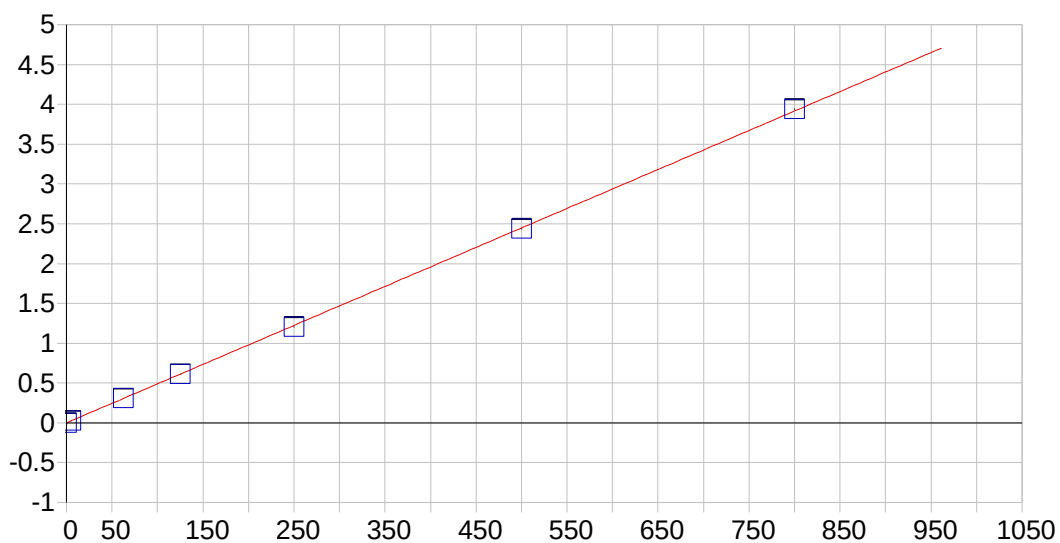
Status: OK.

Std Error of Est: 0.000234

Predicted MDL: 0.000787

Predicted MQL: 0.002623

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01500	.01728	.002	15.2	.00361	.000	1
S2	3.7500	4.0112	.261	6.97	.87034	.005	1
S3	7.5000	7.8872	.387	5.16	1.7115	.004	1
S4	15.000	14.980	-.020	-.130	3.2509	.033	1
S5	30.000	29.369	-.631	-2.10	6.3734	.008	1



Mg 279.079 {121}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000034

Re-Slope: 1.000000

A1 (Gain): 0.004895

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999967

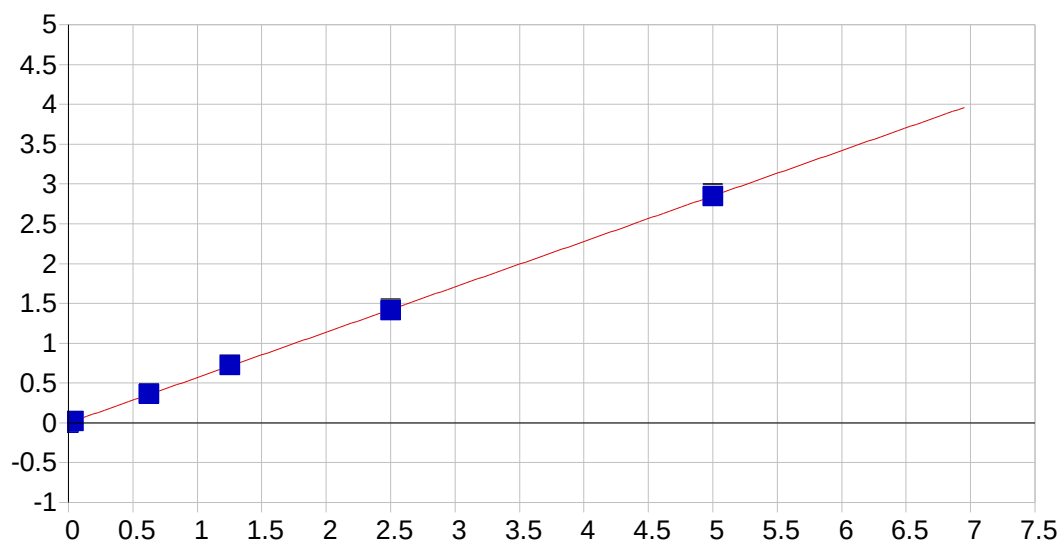
Status: OK.

Std Error of Est: 0.000138

Predicted MDL: 0.039604

Predicted MQL: 0.132012

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	.000	.000	.00003	.000	1
S1	5.0000	5.2970	.297	5.94	.02596	.000	1
S2	62.500	62.531	.031	.050	.30612	.001	1
S3	125.00	124.92	-.084	-.067	.61148	.002	1
S4	250.00	246.18	-3.82	-1.53	1.2051	.009	1
S5	500.00	498.45	-1.55	-.309	2.4399	.006	1
S6	800.00	805.12	5.12	.640	3.9410	.008	1

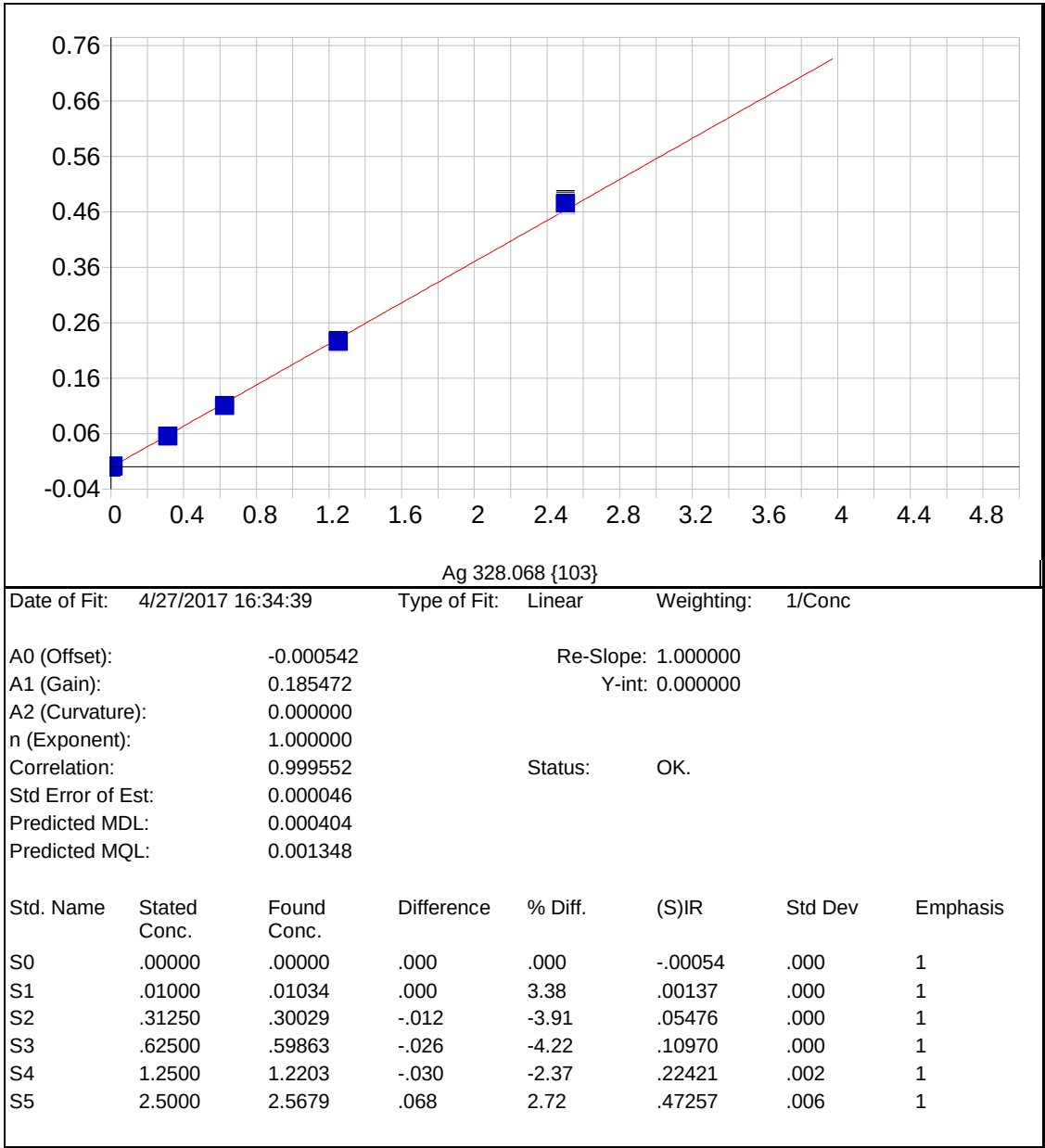


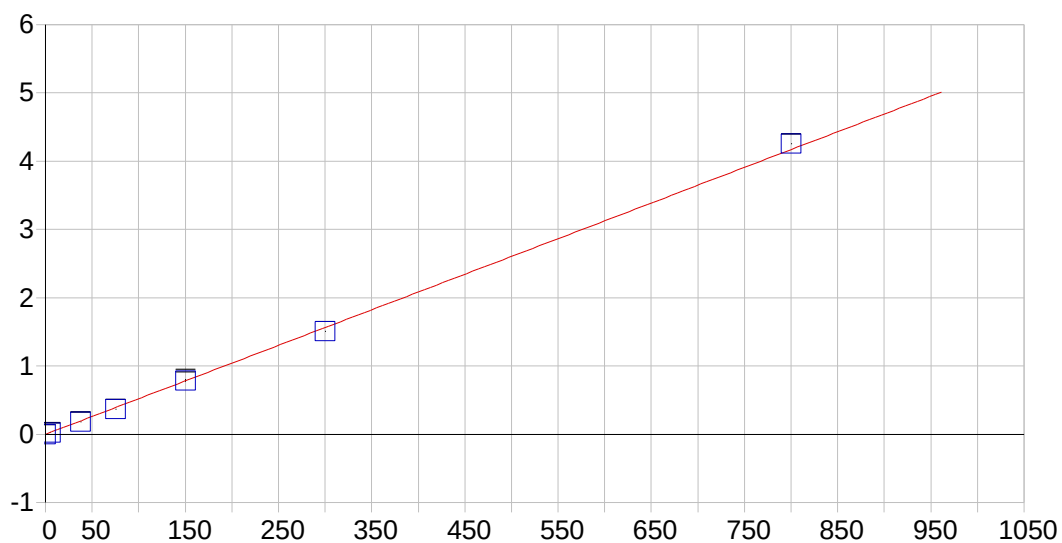
Ni 231.604 {446}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000728 Re-Slope: 1.000000
 A1 (Gain): 0.569859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000140
 Predicted MDL: 0.000323
 Predicted MQL: 0.001076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00073	.000	1
S1	.04000	.04079	.001	1.97	.02255	.000	1
S2	.62500	.63978	.015	2.37	.36573	.002	1
S3	1.2500	1.2711	.021	1.69	.72739	.003	1
S4	2.5000	2.4745	-.026	-1.02	1.4169	.016	1
S5	5.0000	4.9888	-.011	-.224	2.8572	.022	1





Na 818.326 { 41}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000381

Re-Slope: 1.000000

A1 (Gain): 0.005212

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999579

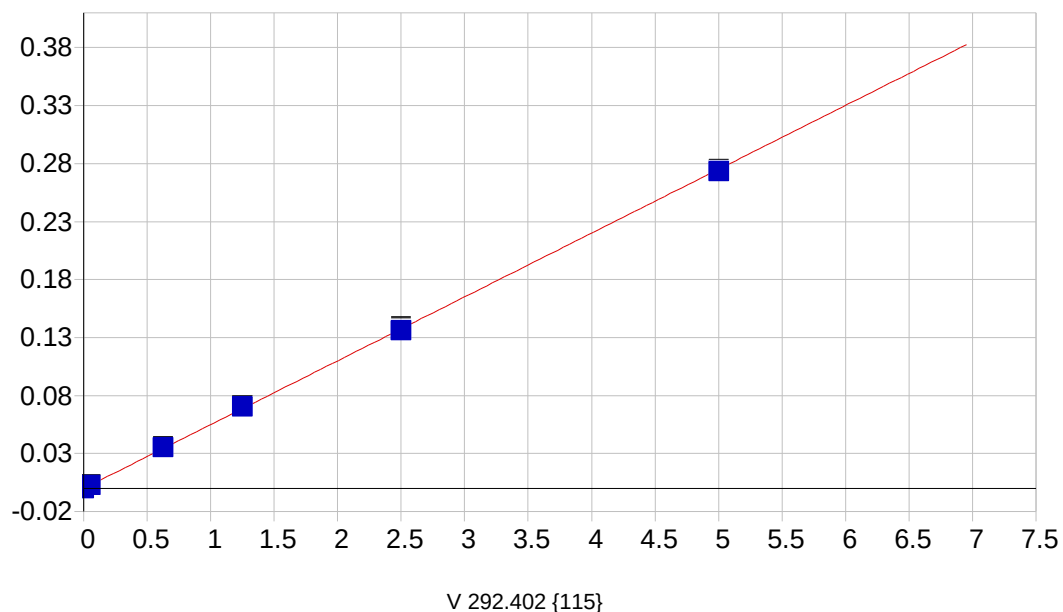
Status: OK.

Std Error of Est: 0.000468

Predicted MDL: 0.210144

Predicted MQL: 0.700480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	-.00038	.001	1
S1	5.0000	4.7032	-.297	-5.94	.02413	.001	1
S2	37.500	35.045	-2.46	-6.55	.18227	.000	1
S3	75.000	70.745	-4.25	-5.67	.36834	.001	1
S4	150.00	151.24	1.24	.829	.78789	.019	1
S5	300.00	289.28	-10.7	-3.57	1.5073	.003	1
S6	800.00	816.48	16.5	2.06	4.2551	.002	1



Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000180

Re-Slope: 1.000000

A1 (Gain): 0.055059

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999873

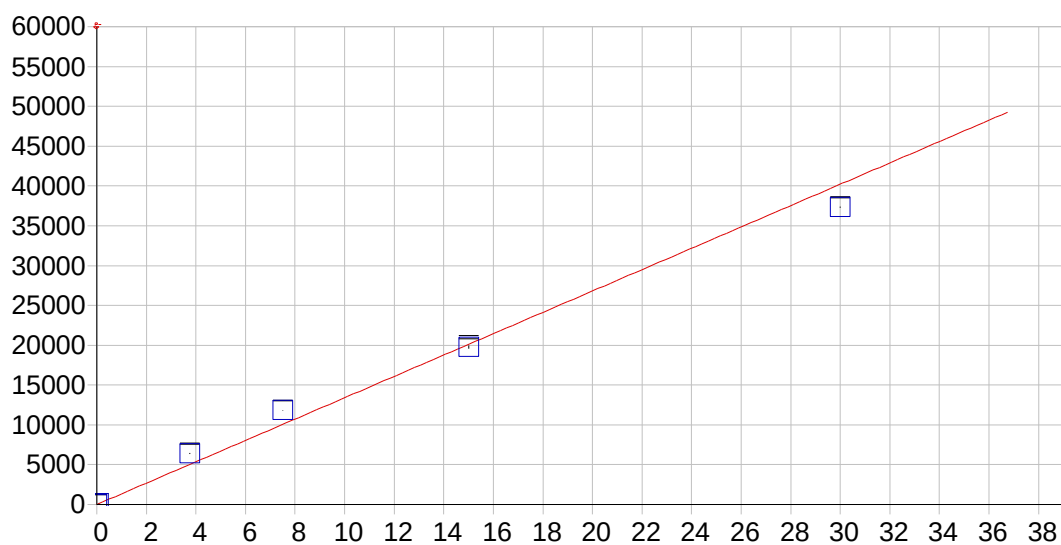
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.004014

Predicted MQL: 0.013378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00018	.000	1
S1	.05000	.05446	.004	8.91	.00283	.000	1
S2	.62500	.64509	.020	3.21	.03548	.001	1
S3	1.2500	1.2838	.034	2.70	.07079	.001	1
S4	2.5000	2.4766	-.023	-.935	.13675	.003	1
S5	5.0000	4.9651	-.035	-.699	.27433	.001	1



Zn 206.200 {464}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 3.100788

Re-Slope: 1.000000

A1 (Gain): 1340.376923

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.994012

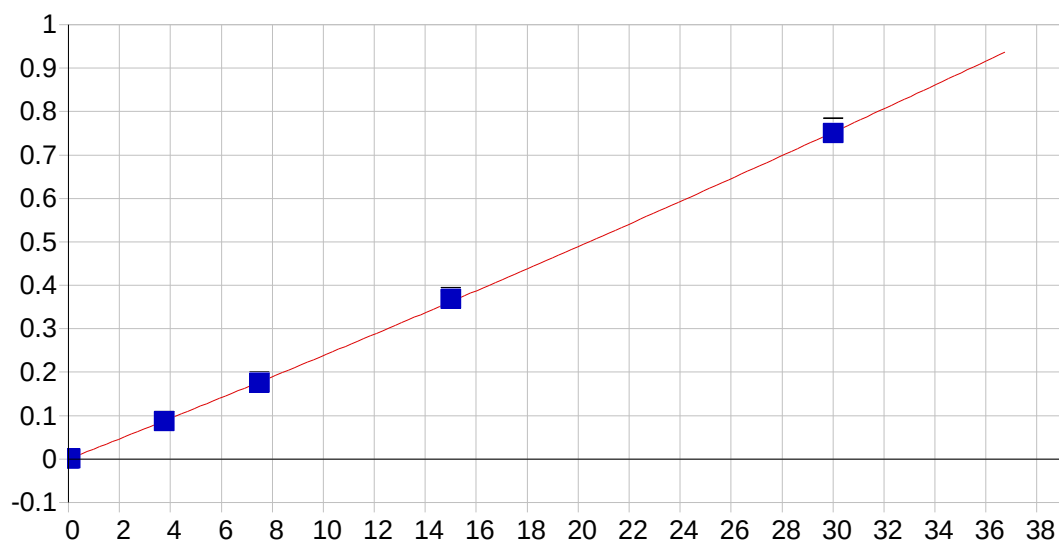
Status: OK.

Std Error of Est: 10.484355

Predicted MDL: 0.000378

Predicted MQL: 0.001259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	3.0354	.127	1
S1	.06000	.08702	.027	45.0	119.74	.732	1
S2	3.7500	4.7769	1.03	27.4	6405.9	35.4	1
S3	7.5000	8.8200	1.32	17.6	11825.	43.1	1
S4	15.000	14.752	-.248	-1.65	19776.	184.	1
S5	30.000	27.874	-2.13	-7.09	37365.	67.5	1



Zn 213.856 {158}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000314

Re-Slope: 1.000000

A1 (Gain): 0.023234

Y-int: 0.000000

A2 (Curvature): 0.000062

n (Exponent): 1.000000

Correlation: 0.999915

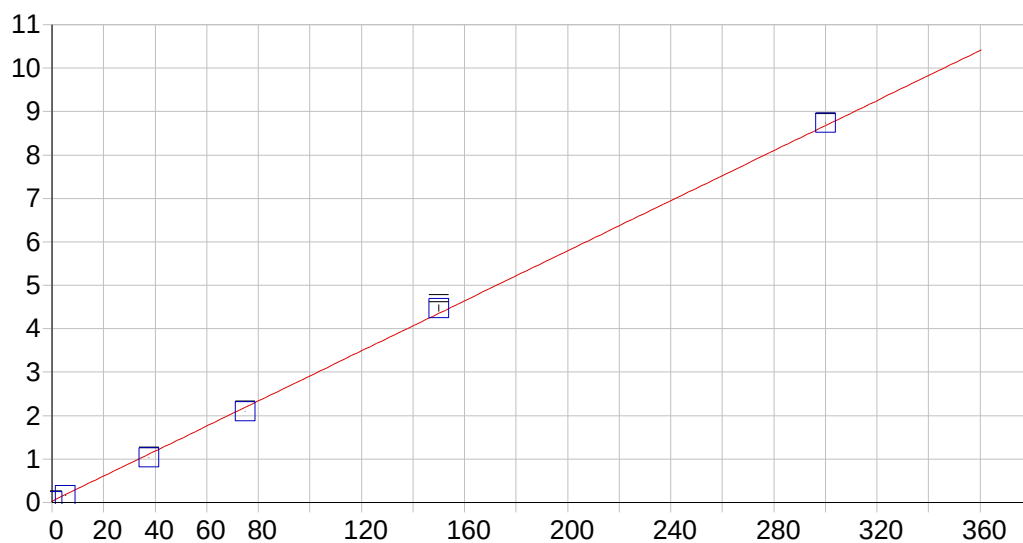
Status: Warning Positive Curvature

Std Error of Est: 0.000026

Predicted MDL: 0.017128

Predicted MQL: 0.057095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00031	.000	1
S1	.06000	.04393	-.016	-26.8	.00071	.000	1
S2	3.7500	3.6909	-.059	-1.58	.08649	.000	1
S3	7.5000	7.4253	-.075	-.996	.17603	.001	1
S4	15.000	15.235	.235	1.57	.36882	.004	1
S5	30.000	29.914	-.086	-.288	.75159	.011	1



K 769.896 { 44}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.031165

Re-Slope: 1.000000

A1 (Gain): 0.028821

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999587

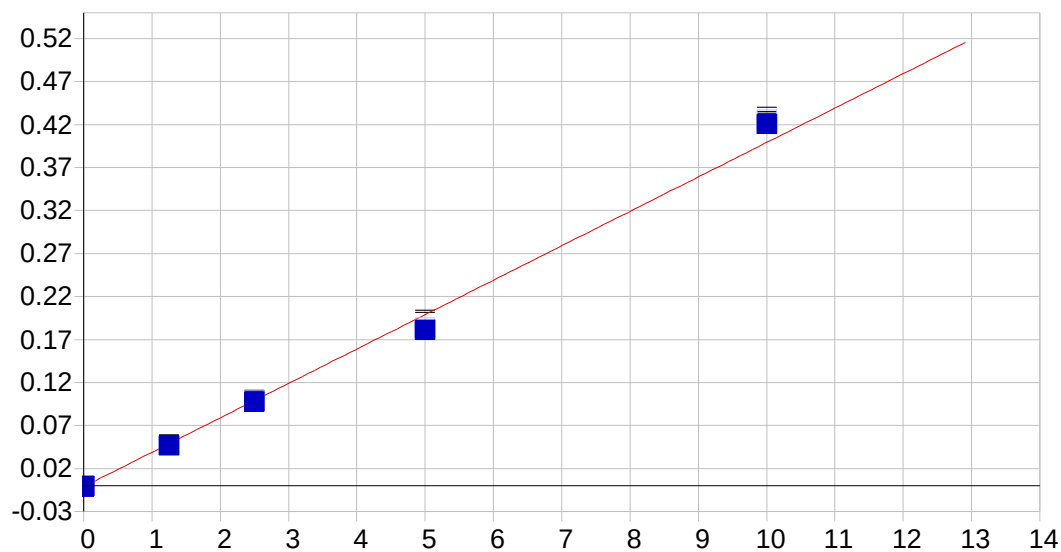
Status: OK.

Std Error of Est: 0.001709

Predicted MDL: 0.038835

Predicted MQL: 0.129450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	.03119	.002	1
S1	5.0000	4.6545	-.346	-6.91	.16531	.002	1
S2	37.500	34.947	-2.55	-6.81	1.0384	.008	1
S3	75.000	71.750	-3.25	-4.33	2.0991	.005	1
S4	150.00	154.21	4.21	2.81	4.4756	.077	1
S5	300.00	301.94	1.94	.647	8.7333	.009	1

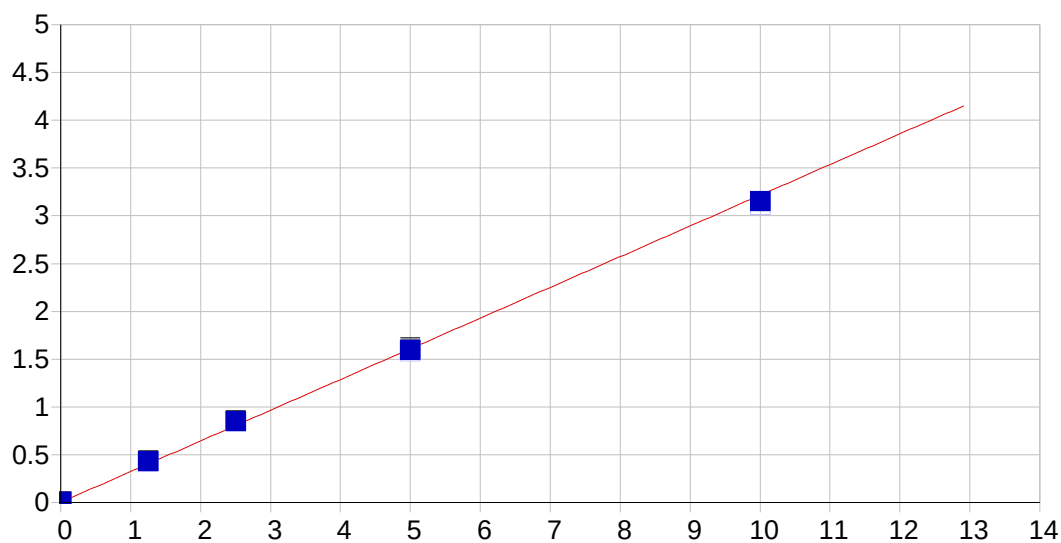


P 177.495 {490}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001128 Re-Slope: 1.000000
 A1 (Gain): 0.040032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998154 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002258
 Predicted MQL: 0.007526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.01000	.01333	.003	33.3	-.00059	.000	1
S2	1.2500	1.1982	-.052	-4.14	.04749	.000	1
S3	2.5000	2.4730	-.027	-1.08	.09916	.000	1
S4	5.0000	4.5514	-.449	-8.97	.18366	.009	1
S5	10.000	10.524	.524	5.24	.42535	.004	1

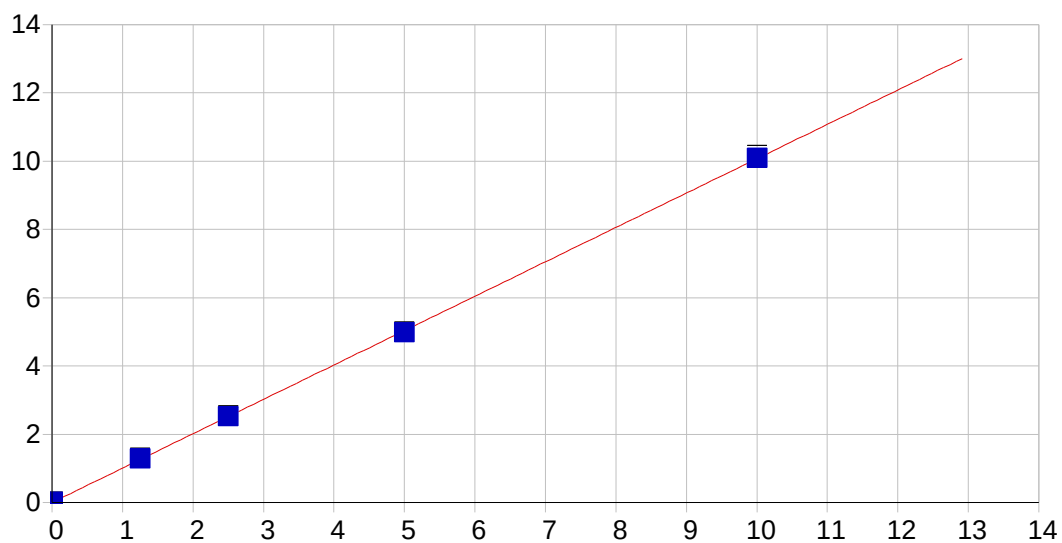


B 249.678 {135}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001646 Re-Slope: 1.000000
 A1 (Gain): 0.321355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999462 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.001018
 Predicted MQL: 0.003393

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00165	.000	1
S1	.01000	.01169	.002	16.9	.00541	.000	1
S2	1.2500	1.3393	.089	7.14	.42701	.005	1
S3	2.5000	2.6472	.147	5.89	.84226	.001	1
S4	5.0000	4.9645	-.036	-.710	1.5769	.021	1
S5	10.000	9.7973	-.203	-2.03	3.1098	.003	1

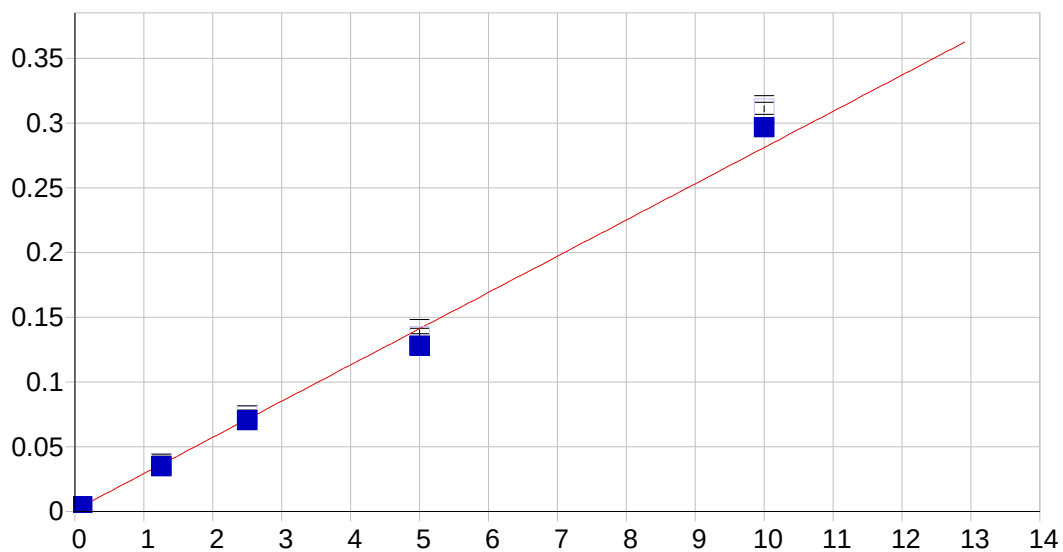


Mo 202.030 {467}

Date of Fit: 4/27/2017 16:34:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000370 Re-Slope: 1.000000
 A1 (Gain): 1.007249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.000233
 Predicted MQL: 0.000777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.01000	.01064	.001	6.37	.01111	.000	1
S2	1.2500	1.2785	.028	2.28	1.2892	.008	1
S3	2.5000	2.5061	.006	.243	2.5269	.015	1
S4	5.0000	4.9498	-.050	-1.00	4.9906	.012	1
S5	10.000	10.015	.015	.150	10.097	.082	1



S 182.034 {485}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001254

Re-Slope: 1.000000

A1 (Gain): 0.027974

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998118

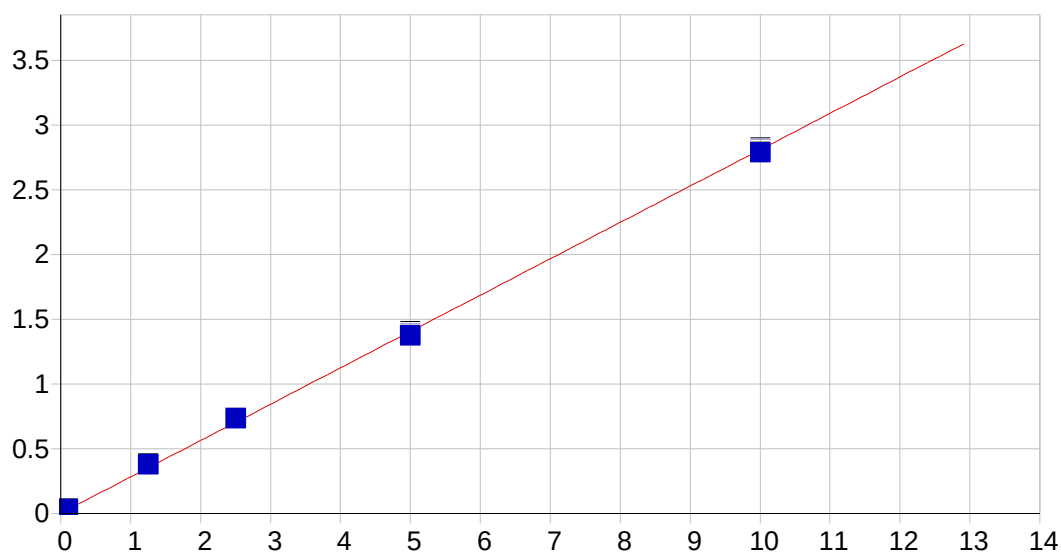
Status: OK.

Std Error of Est: 0.000096

Predicted MDL: 0.003285

Predicted MQL: 0.010952

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00125	.000	1
S1	.10000	.09208	-.008	-7.92	.00384	.000	1
S2	1.2500	1.2013	-.049	-3.89	.03664	.000	1
S3	2.5000	2.4657	-.034	-1.37	.07378	.000	1
S4	5.0000	4.5302	-.470	-9.40	.13509	.006	1
S5	10.000	10.560	.560	5.60	.31089	.002	1



Si 251.611 {134}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001710

Re-Slope: 1.000000

A1 (Gain): 0.280701

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999617

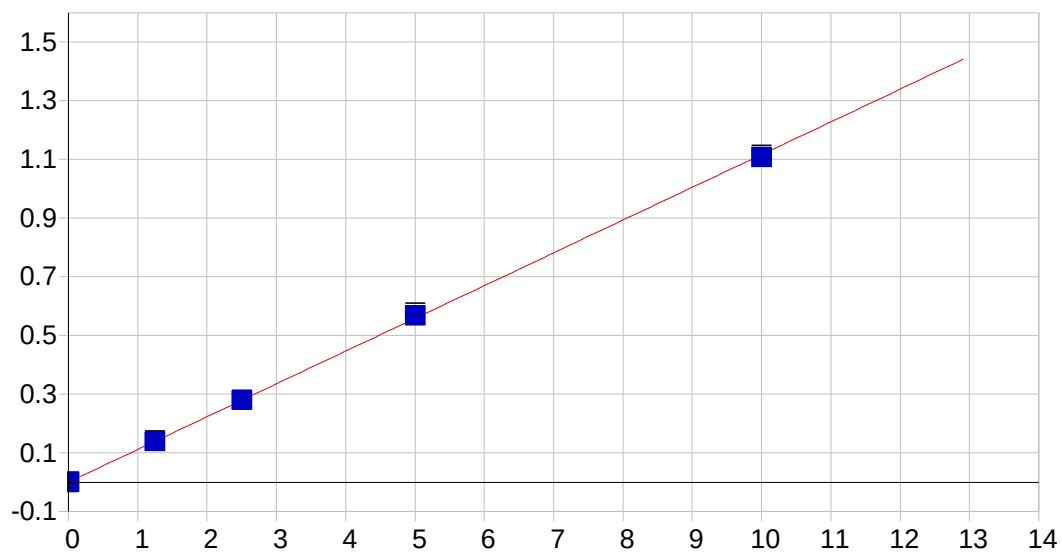
Status: OK.

Std Error of Est: 0.000418

Predicted MDL: 0.001187

Predicted MQL: 0.003957

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00171	.000	1
S1	.10000	.11155	.012	11.6	.03312	.000	1
S2	1.2500	1.3340	.084	6.72	.38029	.003	1
S3	2.5000	2.6027	.103	4.11	.74055	.001	1
S4	5.0000	4.8772	-.123	-2.46	1.3873	.020	1
S5	10.000	9.9247	-.075	-.753	2.8206	.005	1



Sn 189.989 {478}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000042

Re-Slope: 1.000000

A1 (Gain): 0.111676

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999938

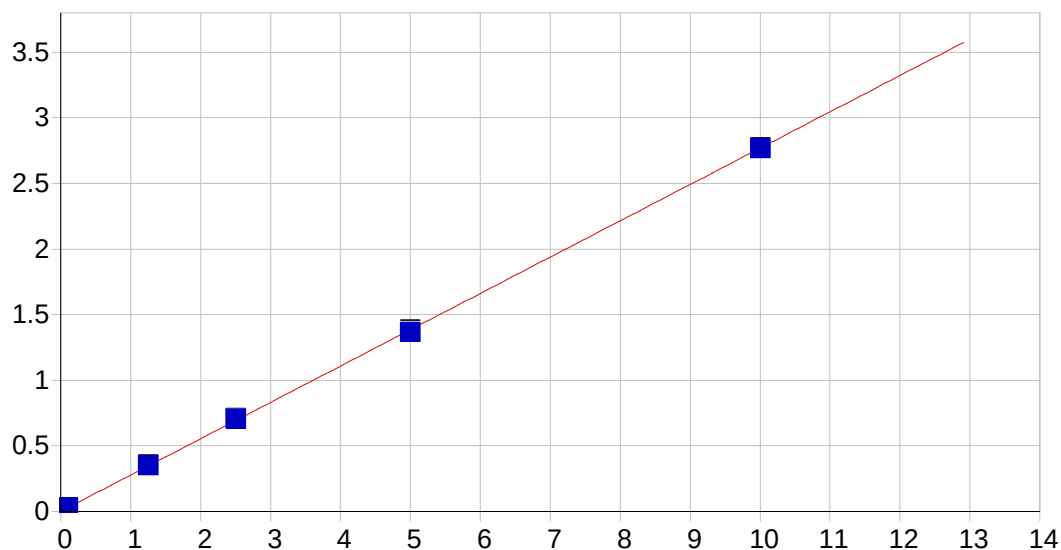
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.000830

Predicted MQL: 0.002766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00700	.00722	.000	3.16	.00084	.000	1
S2	1.2500	1.2476	-.002	-.195	.13925	.001	1
S3	2.5000	2.4986	-.001	-.056	.27886	.001	1
S4	5.0000	5.0888	.089	1.78	.56790	.009	1
S5	10.000	9.9148	-.085	-.852	1.1064	.008	1



Ti 336.121 {100}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000777

Re-Slope: 1.000000

A1 (Gain): 0.276815

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999932

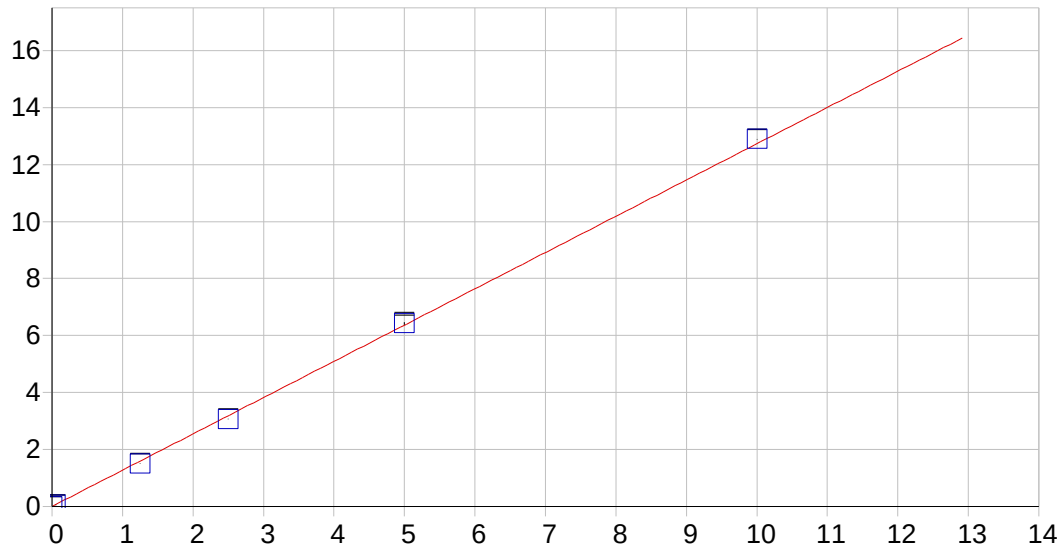
Status: OK.

Std Error of Est: 0.000171

Predicted MDL: 0.001205

Predicted MQL: 0.004016

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00077	.000	1
S1	.10000	.10475	.005	4.75	.02976	.000	1
S2	1.2500	1.2681	.018	1.45	.35168	.002	1
S3	2.5000	2.5533	.053	2.13	.70734	.002	1
S4	5.0000	4.9324	-.068	-1.35	1.3657	.020	1
S5	10.000	9.9915	-.009	-.085	2.7656	.005	1



Li 670.784 { 50}

Date of Fit: 4/27/2017 16:34:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003295

Re-Slope: 1.000000

A1 (Gain): 1.272749

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999749

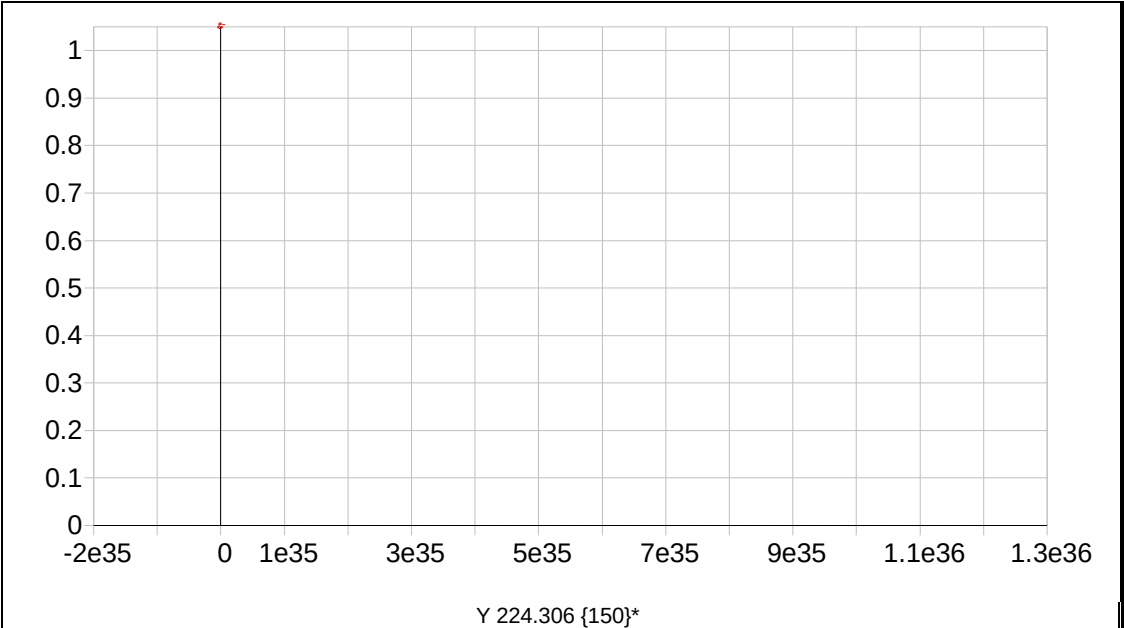
Status: OK.

Std Error of Est: 0.001071

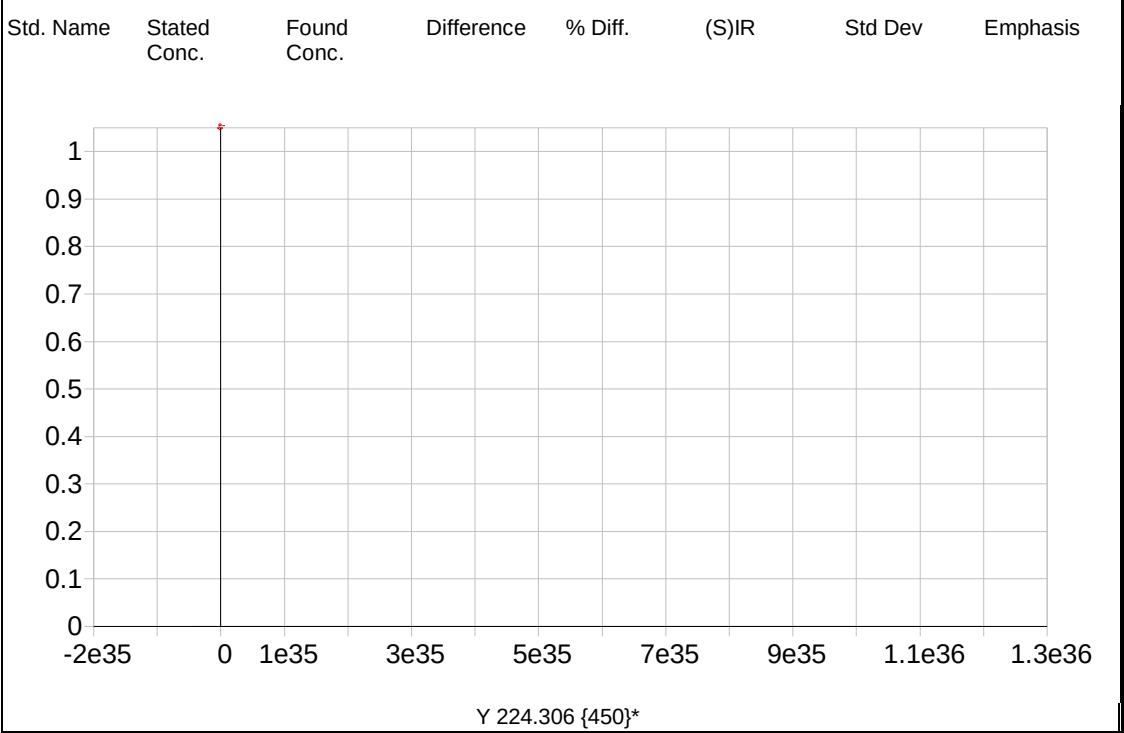
Predicted MDL: 0.000898

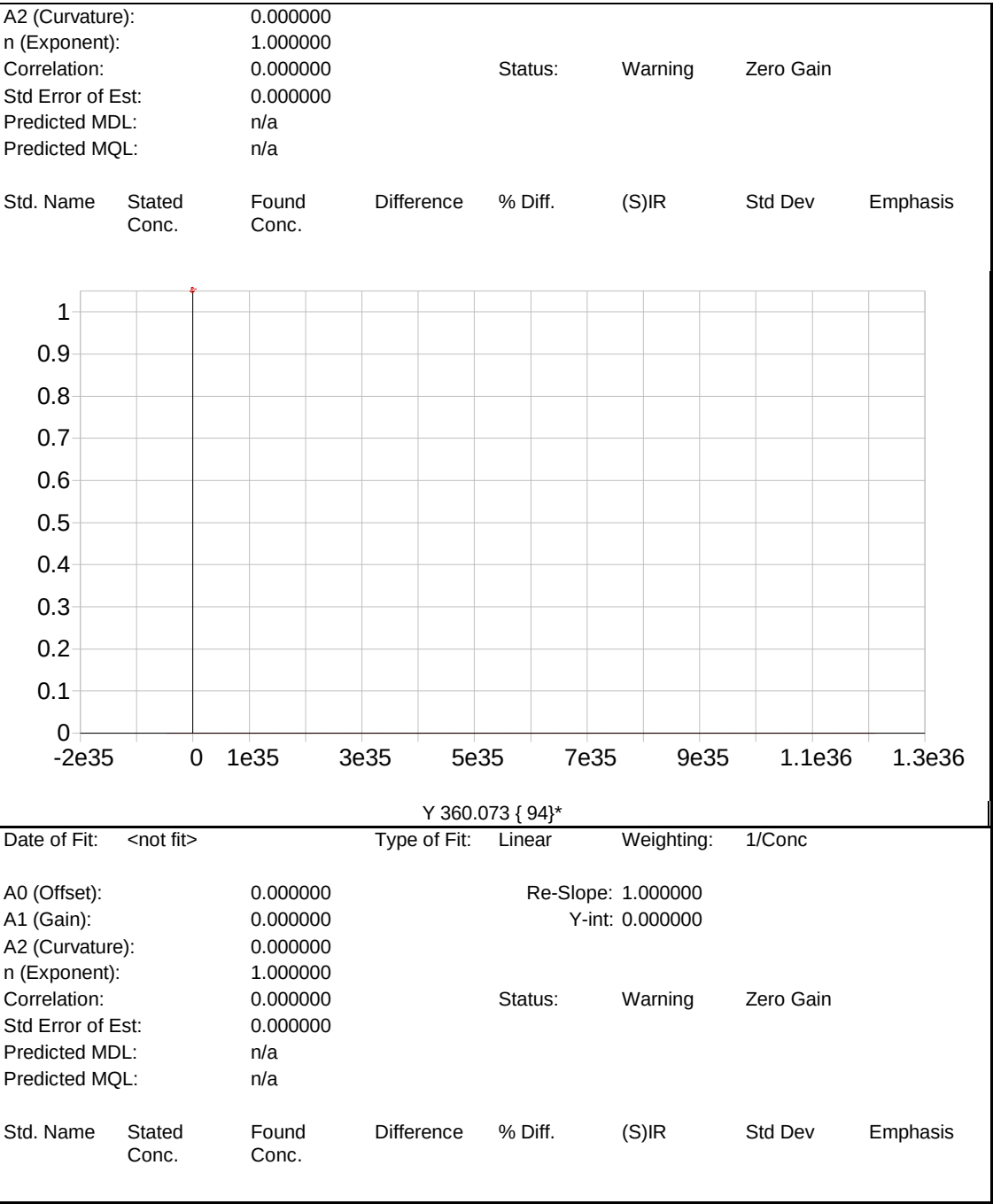
Predicted MQL: 0.002992

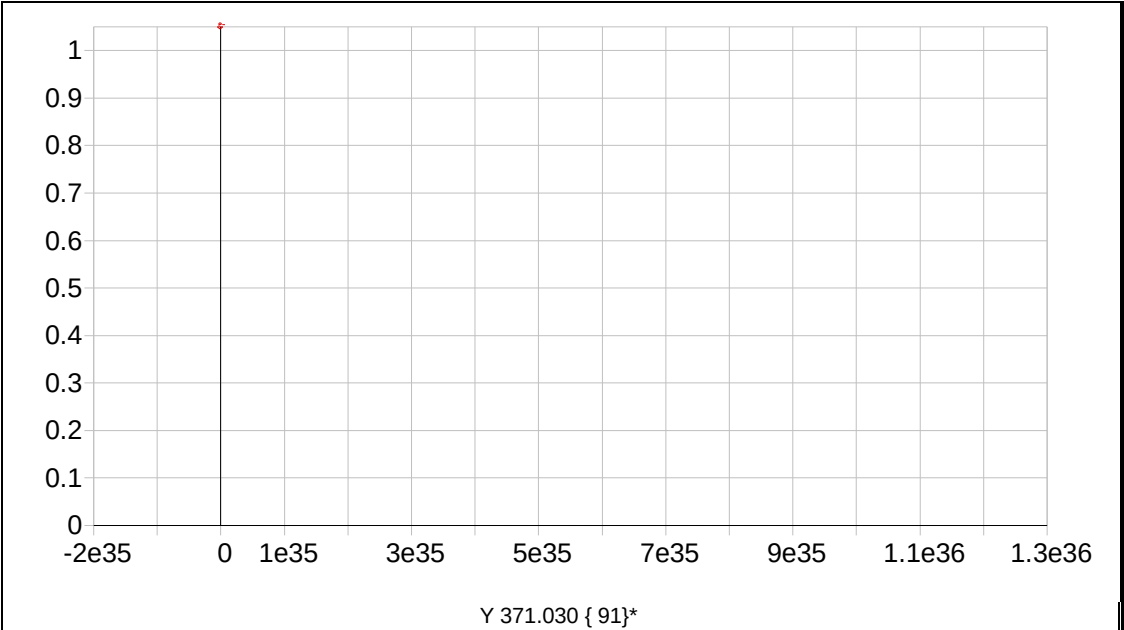
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00330	.001	1
S5	10.000	10.124	.124	1.24	12.889	.012	1
S4	5.0000	5.0421	.042	.841	6.4206	.051	1
S3	2.5000	2.4047	-.095	-3.81	3.0639	.009	1
S2	1.2500	1.1810	-.069	-5.52	1.5064	.007	1
S1	.05000	.04779	-.002	-4.43	.06411	.001	1



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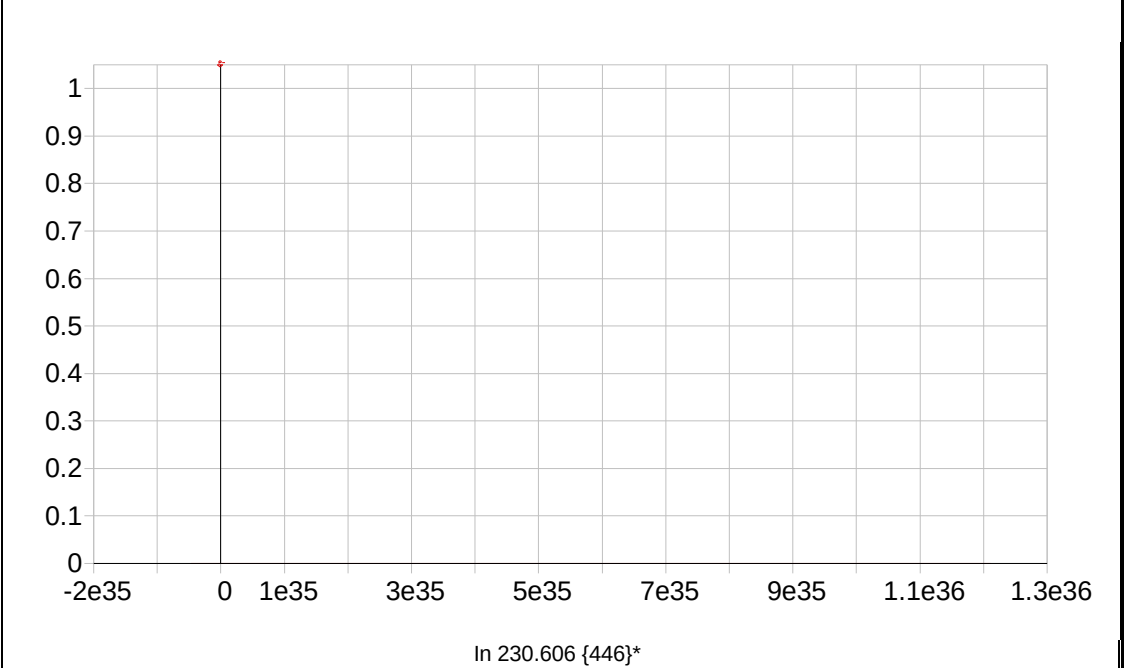




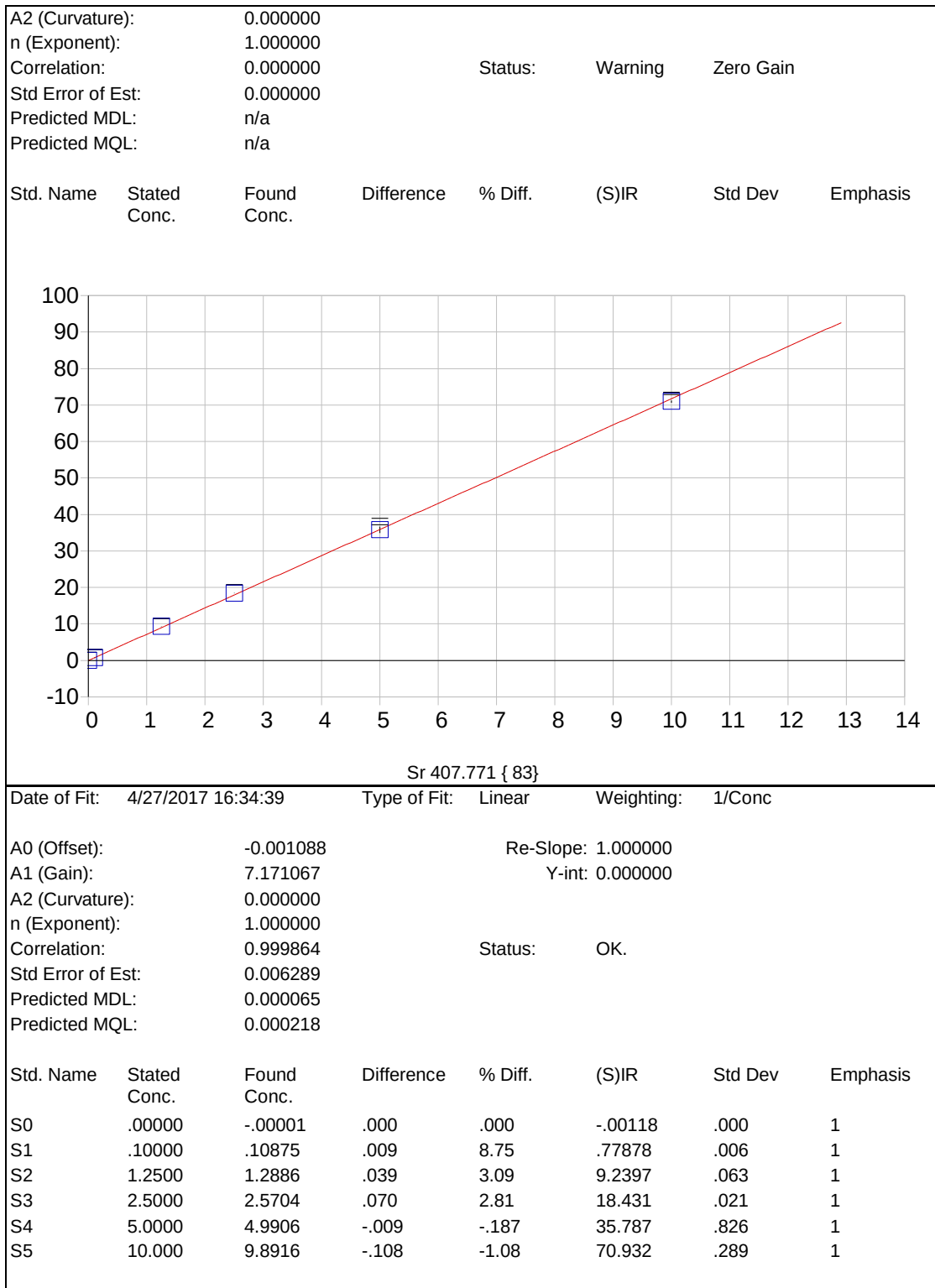


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 4/27/2017 16:01:55 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	-.00020	-.00024	.00089	.00030	.00004	.00079	-.03160	-.00157
Stddev	.00004	.00003	.00014	.00024	.00012	.00025	.00115	.00012
%RSD	18.289	12.117	16.100	80.379	304.25	31.667	3.6246	7.6076

#1	-.00017	-.00021	.00104	.00021	.00016	.00075	-.03028	-.00148
#2	-.00019	-.00025	.00076	.00058	.00006	.00106	-.03233	-.00152
#3	-.00024	-.00027	.00086	.00012	-.00009	.00056	-.03218	-.00170

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	.00053	.00097	.00005	-.00028	.00033	.00017	-.00015	.00003
Stddev	.00009	.00053	.00003	.00015	.00015	.00008	.00006	.00020
%RSD	16.646	55.011	53.005	55.709	44.375	46.089	38.936	602.14

#1	.00061	.00125	.00003	-.00029	.00040	.00013	-.00009	-.00017
#2	.00054	.00035	.00009	-.00042	.00016	.00027	-.00020	.00004
#3	.00044	.00131	.00005	-.00011	.00043	.00012	-.00015	.00023

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	-.00073	-.00054	-.00038	-.00018	-.00031	.03119	-.00113	.00165
Stddev	.00002	.00005	.00067	.00018	.00037	.00153	.00004	.00038
%RSD	2.1286	9.9646	179.31	99.347	117.63	4.9020	3.1710	23.315

#1	-.00075	-.00053	-.00099	-.00028	-.00071	.03093	-.00117	.00195
#2	-.00072	-.00060	-.00048	-.00028	-.00024	.02980	-.00110	.00121
#3	-.00072	-.00049	.00034	.00003	.00002	.03283	-.00111	.00178

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	.00037	.00125	.00171	.00004	.00077	.00330	-.00118	
Stddev	.00008	.00005	.00007	.00006	.00017	.00084	.00028	
%RSD	21.208	3.8601	4.3347	134.88	21.462	25.475	23.810	

#1	.00044	.00131	.00162	.00007	.00081	.00390	-.00087	
#2	.00029	.00122	.00176	-.00002	.00092	.00234	-.00127	
#3	.00038	.00123	.00174	.00008	.00059	.00367	-.00141	

Sample Name: S0 Acquired: 4/27/2017 16:01:55 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	1926.1	2264.4	58848.	6645.6	4255.9
Stddev	9.8	18.1	150.	54.4	29.5
%RSD	.50932	.80001	.25505	.81909	.69253
#1	1917.0	2251.4	58796.	6707.9	4241.2
#2	1924.9	2256.8	58732.	6621.3	4236.7
#3	1936.5	2285.1	59018.	6607.5	4289.9

Sample Name: S1 Acquired: 4/27/2017 16:06:05 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.00031	.00184	.00202	.00338	.01348	.01467	.67183	.02484
Stddev	.00009	.00005	.00006	.00022	.00009	.00050	.00721	.00028
%RSD	30.316	2.7463	2.9783	6.5537	.66563	3.3990	1.0728	1.1283

#1	.00023	.00179	.00206	.00335	.01358	.01475	.67859	.02508
#2	.00028	.00185	.00206	.00362	.01343	.01512	.67266	.02453
#3	.00041	.00189	.00195	.00318	.01343	.01413	.66425	.02490

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	.00815	.18197	.00136	.02938	.00424	.00159	.00361	.02596
Stddev	.00015	.00164	.00004	.00021	.00008	.00018	.00023	.00025
%RSD	1.8637	.90111	2.6937	.70633	1.9504	11.288	6.5056	.95701

#1	.00816	.18283	.00140	.02950	.00421	.00175	.00367	.02569
#2	.00829	.18301	.00137	.02951	.00417	.00163	.00334	.02617
#3	.00799	.18008	.00132	.02914	.00433	.00140	.00380	.02603

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	.02255	.00137	.02413	.00283	.00071	.16531	-.00059	.00541
Stddev	.00017	.00008	.00061	.00018	.00038	.00213	.00004	.00045
%RSD	.73810	5.8179	2.5357	6.2321	52.888	1.2858	6.0127	8.2298

#1	.02266	.00130	.02387	.00292	.00041	.16749	-.00063	.00504
#2	.02236	.00135	.02483	.00294	.00059	.16519	-.00056	.00591
#3	.02262	.00146	.02370	.00262	.00113	.16325	-.00058	.00529

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	.01111	.00384	.03312	.00084	.02976	.06411	.77878	
Stddev	.00013	.00005	.00016	.00004	.00018	.00115	.00551	
%RSD	1.1561	1.3297	.49673	4.9466	.59863	1.7961	.70749	

#1	.01115	.00380	.03331	.00085	.02983	.06530	.78465	
#2	.01096	.00389	.03308	.00079	.02990	.06404	.77797	
#3	.01120	.00382	.03298	.00087	.02956	.06300	.77372	

Sample Name: S1 Acquired: 4/27/2017 16:06:05 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	1921.7	2243.2	58768.	6586.8	4139.8
Stddev	18.0	6.2	231.	28.4	16.7
%RSD	.93474	.27434	.39290	.43147	.40410
#1	1901.4	2236.4	58501.	6558.8	4125.3
#2	1935.7	2244.7	58909.	6586.1	4135.9
#3	1927.8	2248.5	58893.	6615.6	4158.1

Sample Name: S2 Acquired: 4/27/2017 16:10:17 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.05519	.10091	.85740	.10324	.28134	2.5164	8.3581	.58744
Stddev	.00049	.00076	.00526	.00074	.00189	.0156	.0270	.00738
%RSD	.88027	.75292	.61291	.71642	.67208	.61998	.32346	1.2563

#1	.05514	.10172	.86303	.10384	.28324	2.5005	8.3313	.57915
#2	.05474	.10022	.85262	.10241	.27946	2.5317	8.3854	.59328
#3	.05570	.10080	.85656	.10346	.28132	2.5170	8.3575	.58990

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	.97292	2.1693	.46927	.38060	.55041	.49020	.87034	.30612
Stddev	.00785	.0137	.00061	.00230	.00253	.00251	.00474	.00148
%RSD	.80659	.63241	.13064	.60408	.45937	.51133	.54455	.48466

#1	.97994	2.1541	.46886	.38298	.54749	.48751	.86580	.30446
#2	.96445	2.1732	.46897	.37839	.55190	.49061	.86997	.30732
#3	.97435	2.1807	.46998	.38045	.55184	.49248	.87525	.30657

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	.36573	.05476	.18227	.03548	.08649	1.0384	.04749	.42701
Stddev	.00247	.00016	.00040	.00056	.00022	.0076	.00022	.00529
%RSD	.67430	.29448	.22027	1.5784	.25703	.73659	.46977	1.2380

#1	.36804	.05457	.18182	.03487	.08675	1.0302	.04730	.42093
#2	.36314	.05484	.18259	.03562	.08636	1.0453	.04773	.43054
#3	.36602	.05486	.18240	.03596	.08637	1.0396	.04742	.42955

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	1.2892	.03664	.38029	.13925	.35168	1.5064	9.2397	
Stddev	.0085	.00011	.00319	.00131	.00238	.0072	.0628	
%RSD	.65812	.30047	.83794	.94256	.67805	.47748	.67915	

#1	1.2963	.03663	.37690	.14070	.34978	1.4997	9.1688	
#2	1.2798	.03653	.38322	.13814	.35436	1.5140	9.2882	
#3	1.2916	.03675	.38076	.13893	.35091	1.5055	9.2620	

Sample Name: S2 Acquired: 4/27/2017 16:10:17 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	1807.1	2102.2	55715.	6544.4	3566.5
Stddev	9.6	12.8	75.	40.0	25.6
%RSD	.53276	.60706	.13435	.61130	.71725
#1	1796.5	2087.5	55678.	6589.7	3537.0
#2	1809.3	2110.4	55801.	6514.1	3583.3
#3	1815.4	2108.7	55666.	6529.4	3579.0

Sample Name: S3 Acquired: 4/27/2017 16:14:12 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.11120	.19586	1.6974	.20471	.56328	5.0823	16.785	1.1573
Stddev	.00055	.00099	.0068	.00105	.00337	.0135	.058	.0016
%RSD	.49201	.50542	.40117	.51224	.59740	.26470	.34716	.13628

#1	.11177	.19561	1.7007	.20518	.56438	5.0856	16.844	1.1589
#2	.11116	.19696	1.7020	.20545	.56596	5.0939	16.783	1.1558
#3	.11068	.19503	1.6896	.20351	.55950	5.0676	16.728	1.1573

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	1.9383	4.2988	.91002	.76172	1.1037	.95186	1.7115	.61148
Stddev	.0048	.0057	.00275	.00258	.0023	.00375	.0045	.00177
%RSD	.24567	.13365	.30205	.33917	.20753	.39390	.26187	.29010

#1	1.9371	4.3009	.90717	.76181	1.1050	.95618	1.7167	.61347
#2	1.9435	4.2923	.91026	.76426	1.1050	.94999	1.7085	.61006
#3	1.9342	4.3031	.91265	.75910	1.1010	.94942	1.7093	.61092

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	.72739	.10970	.36834	.07079	.17603	2.0991	.09916	.84226
Stddev	.00269	.00014	.00116	.00061	.00133	.0046	.00031	.00122
%RSD	.36990	.13141	.31358	.86364	.75578	.22154	.31038	.14485

#1	.72857	.10974	.36741	.07015	.17645	2.0949	.09888	.84337
#2	.72929	.10954	.36798	.07085	.17454	2.1041	.09949	.84096
#3	.72431	.10981	.36963	.07136	.17709	2.0982	.09912	.84246

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.5269	.07378	.74055	.27886	.70734	3.0639	18.431	
Stddev	.0150	.00030	.00078	.00077	.00228	.0088	.021	
%RSD	.59180	.40496	.10477	.27638	.32186	.28811	.11300	

#1	2.5340	.07389	.73983	.27901	.70491	3.0733	18.439	
#2	2.5370	.07402	.74137	.27953	.70942	3.0625	18.447	
#3	2.5097	.07345	.74044	.27802	.70769	3.0557	18.407	

Sample Name: S3 Acquired: 4/27/2017 16:14:12 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	1751.7	2013.8	54429.	6420.7	3321.7
Stddev	7.8	10.9	53.	4.9	13.8
%RSD	.44309	.53904	.09725	.07648	.41623
#1	1743.1	2005.1	54402.	6416.2	3312.3
#2	1758.1	2010.3	54490.	6420.1	3315.2
#3	1753.9	2026.0	54395.	6425.9	3337.6

Sample Name: S4 Acquired: 4/27/2017 16:18:04 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.23552	.34288	3.4627	.39971	1.0880	10.127	33.675	2.1950
Stddev	.00740	.00723	.0172	.00161	.0148	.144	.075	.0307
%RSD	3.1406	2.1079	.49765	.40353	1.3604	1.4231	.22296	1.3986

#1	.22971	.35079	3.4459	.40148	1.1012	10.291	33.701	2.2275
#2	.23300	.34123	3.4619	.39832	1.0908	10.071	33.590	2.1665
#3	.24385	.33662	3.4803	.39933	1.0720	10.020	33.733	2.1908

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	3.9566	8.3554	1.7520	1.5417	2.1599	1.8079	3.2509	1.2051
Stddev	.0089	.0620	.0105	.0013	.0318	.0173	.0327	.0093
%RSD	.22560	.74233	.60029	.08453	1.4734	.95693	1.0048	.76900

#1	3.9574	8.4266	1.7484	1.5402	2.1951	1.8276	3.2880	1.2157
#2	3.9473	8.3259	1.7437	1.5427	2.1514	1.8011	3.2382	1.2003
#3	3.9652	8.3136	1.7638	1.5421	2.1332	1.7951	3.2264	1.1991

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	1.4169	.22421	.78789	.13675	.36882	4.4756	.18366	1.5769
Stddev	.0165	.00206	.01906	.00253	.00392	.0772	.00890	.0206
%RSD	1.1615	.91963	2.4188	1.8466	1.0636	1.7253	4.8434	1.3064

#1	1.4344	.22342	.76964	.13966	.36436	4.4016	.19254	1.5985
#2	1.4145	.22267	.78638	.13519	.37036	4.4696	.18371	1.5575
#3	1.4017	.22656	.80766	.13539	.37174	4.5556	.17474	1.5746

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	4.9906	.13509	1.3873	.56790	1.3657	6.4206	35.787	
Stddev	.0119	.00568	.0205	.00873	.0196	.0508	.826	
%RSD	.23767	4.2061	1.4773	1.5370	1.4329	.79167	2.3094	

#1	5.0025	.14161	1.4086	.55897	1.3874	6.3654	36.690	
#2	4.9906	.13250	1.3678	.56832	1.3600	6.4307	35.604	
#3	4.9788	.13117	1.3853	.57642	1.3496	6.4656	35.068	

Sample Name: S4 Acquired: 4/27/2017 16:18:04 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	1558.8	1754.5	49901.	6193.3	2753.2
Stddev	22.9	6.0	661.	39.0	25.9
%RSD	1.4714	.34153	1.3239	.62944	.93975
#1	1579.7	1761.3	50496.	6169.7	2781.7
#2	1562.6	1750.0	50017.	6238.3	2746.6
#3	1534.3	1752.3	49190.	6172.0	2731.2

Sample Name: S5 Acquired: 4/27/2017 16:22:01 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.47797	.72364	6.7102	.84783	2.4410	21.009	65.796	4.5395
Stddev	.00325	.00513	.0534	.00753	.0186	.045	1.568	.0091
%RSD	.68000	.70949	.79662	.88840	.76217	.21317	2.3825	.19975

#1	.47437	.71874	6.6537	.83947	2.4206	21.009	67.474	4.5484
#2	.47886	.72320	6.7166	.84992	2.4456	21.054	64.370	4.5303
#3	.48069	.72898	6.7601	.85410	2.4569	20.964	65.543	4.5399

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	7.6386	16.786	3.4032	3.0459	4.4472	3.5408	6.3734	2.4399
Stddev	.0634	.040	.0416	.0237	.0060	.0127	.0076	.0060
%RSD	.82958	.24085	1.2230	.77901	.13530	.35904	.11891	.24628

#1	7.5727	16.788	3.4347	3.0213	4.4428	3.5433	6.3701	2.4427
#2	7.6439	16.825	3.3560	3.0479	4.4541	3.5521	6.3821	2.4440
#3	7.6991	16.744	3.4189	3.0686	4.4447	3.5270	6.3681	2.4330

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	2.8572	.47257	1.5073	.27433	.75159	8.7333	.42535	3.1098
Stddev	.0219	.00647	.0032	.00084	.01113	.0087	.00361	.0034
%RSD	.76775	1.3701	.20899	.30776	1.4802	.09992	.84884	.11099

#1	2.8356	.47709	1.5037	.27521	.76034	8.7266	.42173	3.1114
#2	2.8566	.46515	1.5091	.27425	.73907	8.7302	.42537	3.1059
#3	2.8794	.47547	1.5092	.27352	.75537	8.7432	.42895	3.1122

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	10.097	.31089	2.8206	1.1064	2.7656	12.889	70.932	
Stddev	.082	.00242	.0050	.0076	.0048	.012	.289	
%RSD	.81306	.77896	.17902	.68585	.17507	.08972	.40802	

#1	10.005	.30833	2.8264	1.0987	2.7669	12.889	71.037	
#2	10.122	.31119	2.8183	1.1066	2.7697	12.901	71.155	
#3	10.164	.31314	2.8172	1.1139	2.7603	12.878	70.605	

Sample Name: S5 Acquired: 4/27/2017 16:22:01 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	1512.1	1688.5	49433.	6126.7	2706.1
Stddev	25.5	11.7	665.	10.6	17.6
%RSD	1.6878	.69404	1.3462	.17241	.65198
#1	1490.2	1701.4	48946.	6117.2	2724.5
#2	1540.2	1685.4	50191.	6138.1	2704.5
#3	1506.0	1678.6	49161.	6124.8	2689.3

Sample Name: S6 Acquired: 4/27/2017 16:26:08 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	56.153	27.953	9.3392	3.9410	4.2551
Stddev	.309	.099	.0183	.0078	.0020
%RSD	.55094	.35307	.19567	.19878	.04694

#1	56.165	27.849	9.3189	3.9325	4.2548
#2	56.457	27.965	9.3544	3.9479	4.2532
#3	55.838	28.045	9.3442	3.9425	4.2572

Int. Std.	Y_3710
Units	Cts/S
Avg	5850.8
Stddev	27.8
%RSD	.47494

#1	5871.0
#2	5819.1
#3	5862.3

Sample Name: ICV Acquired: 4/27/2017 16:30:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.9402226	1.092752	.9580583	.9719057	.9664363	2.422273
Stddev	.0102709	.007044	.0034146	.0038911	.0035587	.016515
%RSD	1.092387	.6445895	.3564128	.4003586	.3682279	.6817948

#1	.9498002	1.100582	.9619092	.9696486	.9703626	2.411128
#2	.9293764	1.090744	.9553995	.9763988	.9634231	2.414444
#3	.9414913	1.086931	.9568663	.9696699	.9655231	2.441246

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5112058	.5071035	.4610272	10.38488	.5273248	.4710112
Stddev	.0021577	.0040029	.0014395	.02320	.0016810	.0020063
%RSD	.4220777	.7893584	.3122262	.2233737	.3187747	.4259502

#1	.5105865	.5032748	.4622918	10.36945	.5289039	.4730977
#2	.5094256	.5067755	.4594607	10.37362	.5275126	.4690962
#3	.5136055	.5112603	.4613289	10.41155	.5255577	.4708395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5237635	5.447582	.5479124	5.782100	.4873906	.4693351
Stddev	.0012387	.050304	.0045899	.082833	.0019379	.0013094
%RSD	.2365007	.9234187	.8377001	1.432576	.3976028	.2789815

#1	.5249353	5.427247	.5470056	5.755586	.4894768	.4707749
#2	.5224673	5.410629	.5438437	5.874944	.4856467	.4690147
#3	.5238879	5.504871	.5528880	5.715770	.4870482	.4682156

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.494423	.5500890	.9712496	9.439215	F -.008296	F -.006359
Stddev	.187682	.0065317	.0165306	.094051	.001112	.000768
%RSD	1.976763	1.187380	1.701996	.9963840	13.39784	12.07684

#1	9.278393	.5430876	.9521683	9.366940	-.008705	-.006522
#2	9.617364	.5560183	.9812277	9.405153	-.009145	-.005523
#3	9.587513	.5511610	.9803527	9.545550	-.007038	-.007033

Sample Name: ICV Acquired: 4/27/2017 16:30:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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 -.000758	-.008098	.0003942	F -.000181	-.000607	.0031416
Stddev	.000175	.004675	.0012715	.000633	.000631	.0003091
%RSD	23.03870	57.73514	322.5717	349.4920	103.9618	9.837819

#1	-.000933	-.006020	-.000482	-.000028	-.000888	.0034762
#2	-.000758	-.013452	-.000188	-.000877	.000116	.0030819
#3	-.000583	-.004822	.001853	.000362	-.001050	.0028668

Elem	Sr4077
Units	ppm
Avg	.0126775
Stddev	.0000449
%RSD	.3541866

#1	.0126815
#2	.0126307
#3	.0127202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.436	2170.882	58997.11	6451.808	4009.037
Stddev	3.878	8.896	223.83	46.852	19.087
%RSD	.2029870	.4098076	.3793909	.7261826	.4760939

#1	1910.704	2161.058	58940.28	6499.550	3987.124
#2	1914.173	2173.193	58807.18	6449.975	4017.949
#3	1906.431	2178.395	59243.88	6405.900	4022.038

Sample Name: ICB Acquired: 4/27/2017 16:36:54 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.0004982	-.001069	-.002761	.0010251	-.000180	-.003413	-.002330
Stddev	.0019244	.001114	.000974	.0019370	.000433	.002811	.000194
%RSD	386.2774	104.2007	35.27244	188.9692	240.2926	82.34200	8.310365

#1	.0020953	-.002178	-.001819	-.001175	-.000659	-.006503	-.002226
#2	-.001638	-.001078	-.002701	.001778	.000184	-.002729	-.002211
#3	.001038	.000050	-.003763	.002472	-.000065	-.001008	-.002553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000237	-.000144	-.007975	-.000022	-.000086	.0007207	-.019742
Stddev	.0000737	.000017	.002223	.000322	.000145	.0010861	.016438
%RSD	310.5817	11.71305	27.88049	1482.700	169.3884	150.6983	83.26583

#1	-.000004	-.000161	-.006246	-.000341	.000072	.0000506	-.028810
#2	-.000032	-.000144	-.007196	.000303	-.000114	.0019739	-.000767
#3	.000107	-.000127	-.010483	-.000027	-.000215	.0001377	-.029649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	-.049271	-.000206	.0004282	-.334416	-.003427	-.010031
Stddev	.000609	.002178	.000255	.0002593	.218186	.002137	.007127
%RSD	929.6320	4.419898	123.5091	60.56434	65.24391	62.35225	71.04826

#1	-.000009	-.049660	.000002	.0003583	-.421034	-.005886	-.017385
#2	.000513	-.046926	-.000130	.0007152	-.086221	-.002029	-.009552
#3	-.000701	-.051229	-.000491	.0002109	-.495994	-.002365	-.003156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683670	.0002697	.0031327	-.000247	-.005185	-.002600	.0010634
Stddev	.0104929	.0007624	.0003270	.000048	.001535	.000739	.0000512
%RSD	15.34796	282.6426	10.43847	19.51671	29.61554	28.40852	4.816509

#1	.0563608	-.000121	.0032453	-.000193	-.003412	-.003344	.0010979
#2	.0757806	-.000218	.0027643	-.000287	-.006048	-.001867	.0010878
#3	.0729597	.001148	.0033886	-.000259	-.006093	-.002588	.0010046

Sample Name: ICB Acquired: 4/27/2017 16:36:54 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	-.001090	.0009338	-.000007
Stddev	.000688	.0004264	.000033
%RSD	63.10304	45.66195	464.2921

#1	-.000379	.0010896	.000031
#2	-.001752	.0004514	-.000021
#3	-.001140	.0012603	-.000031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.045	2190.223	60654.39	6427.800	4210.292
Stddev	28.996	26.796	802.02	25.095	48.243
%RSD	1.488488	1.223443	1.322272	.3904082	1.145839

#1	1914.819	2173.716	59728.56	6401.475	4180.644
#2	1968.238	2175.812	61098.43	6430.475	4184.273
#3	1961.078	2221.141	61136.18	6451.450	4265.959

Sample Name: ICSA Acquired: 4/27/2017 16:41:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.0022617	-.009954	-.000222	-.024401	.0015025	252.1939
Stddev	.0011365	.001198	.003314	.003769	.0012297	.5733
%RSD	50.25013	12.03745	1492.173	15.44563	81.84695	.2273366

#1	.0027569	-.011173	.001822	-.027138	.0012582	252.3885
#2	.0009616	-.008778	.001556	-.025962	.0004132	252.6446
#3	.0030665	-.009910	-.004045	-.020102	.0028360	251.5486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030428	.0007220	.0021702	252.9386	.0493555	-.000548
Stddev	.0002955	.0000317	.0000990	.3213	.0006039	.000438
%RSD	9.710402	4.384783	4.563862	.1270143	1.223529	79.89671

#1	.0027993	.0007465	.0022845	252.7534	.0499375	-.000107
#2	.0033715	.0006862	.0021115	253.3096	.0487319	-.000983
#3	.0029576	.0007332	.0021144	252.7528	.0493971	-.000554

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209340	103.2396	.0142338	258.4838	.0012046	-.005127
Stddev	.0021793	.0838	.0002891	.3206	.0002998	.000237
%RSD	10.41019	.0812117	2.031294	.1240425	24.88793	4.613745

#1	.0192220	103.1513	.0139549	258.5347	.0012569	-.004902
#2	.0233871	103.3182	.0145322	258.7759	.0014749	-.005374
#3	.0201927	103.2495	.0142145	258.1408	.0008821	-.005105

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3546581	.0006967	.0158749	.0735764	-.010261	F -.259386
Stddev	.1328589	.0035876	.0111908	.0289823	.001727	.003329
%RSD	37.46111	514.9337	70.49379	39.39079	16.83303	1.283432

#1	.5059787	-.000116	.0040234	.0774284	-.008399	-.261797
#2	.2571336	-.002415	.0262605	.1004402	-.010572	-.260774
#3	.3008620	.004621	.0173407	.0428607	-.011811	-.255588

Sample Name: ICSA Acquired: 4/27/2017 16:41:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.0003473	.0172207	-.003450	-.001338	-.001337	.0042966
Stddev	.0006620	.0018494	.000891	.000553	.000374	.0012994
%RSD	190.5896	10.73944	25.82849	41.30133	27.95665	30.24231

#1	-.000286	.0157698	-.004474	-.000824	-.001177	.0043323
#2	.001035	.0193031	-.002847	-.001923	-.001070	.0055779
#3	.000293	.0165890	-.003030	-.001268	-.001764	.0029798

Elem	Sr4077
Units	ppm
Avg	.1066682
Stddev	.0003094
%RSD	.2900640

#1	.1063354
#2	.1067220
#3	.1069472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.496	1943.385	53198.13	6210.817	3178.758
Stddev	6.606	11.791	93.66	26.963	17.186
%RSD	.3841932	.6067151	.1760586	.4341276	.5406395

#1	1718.219	1933.051	53211.88	6199.586	3164.087
#2	1713.621	1940.875	53098.36	6191.285	3174.522
#3	1726.647	1956.229	53284.16	6241.580	3197.666

Sample Name: ICSAB Acquired: 4/27/2017 16:45:10 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	.0985611	.1094149	.0549262	.0256297	.6025132	252.6437
Stddev	.0068880	.0037979	.0023599	.0039229	.0045124	1.5846
%RSD	6.988559	3.471119	4.296405	15.30617	.7489294	.6272182

#1	.1006670	.1076133	.0537472	.0297227	.6076605	251.0771
#2	.1041504	.1137784	.0576433	.0252640	.6006400	254.2457
#3	.0908660	.1068531	.0533882	.0219024	.5992390	252.6082

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5232812	.5115025	.9990177	253.8193	.5713208	.5062799
Stddev	.0025687	.0044327	.0109775	1.9386	.0043697	.0055620
%RSD	.4908859	.8666118	1.098830	.7637602	.7648403	1.098609

#1	.5204528	.5065036	1.011397	252.2181	.5666558	.5124969
#2	.5239218	.5149544	.995186	255.9746	.5719883	.5045671
#3	.5254690	.5130495	.990470	253.2652	.5753183	.5017757

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5550198	102.5348	.5523420	257.8584	1.021070	.1929150
Stddev	.0047406	.7241	.0051904	1.8632	.011524	.0010644
%RSD	.8541242	.7062384	.9396996	.7225718	1.128639	.5517611

#1	.5496385	102.0289	.5463851	256.1347	1.033652	.1918507
#2	.5585788	103.3643	.5558917	259.8352	1.018530	.1929148
#3	.5568422	102.2112	.5547492	257.6054	1.011027	.1939795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2685839	.5347431	1.032758	-.079832	.3650151	F .7744936
Stddev	.1836950	.0014441	.027046	.011128	.0036664	.0109523
%RSD	68.39391	.2700613	2.618766	13.93882	1.004450	1.414119

#1	.1026456	.5357432	1.003526	-.087575	.3689436	.7618929
#2	.4659743	.5330875	1.056891	-.084841	.3644175	.7817261
#3	.2371319	.5353986	1.037859	-.067081	.3616842	.7798617

Sample Name: ICSAB Acquired: 4/27/2017 16:45:10 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) 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	F .9497386	.3522194	.9104667	F .9591516	.9802790	.3328695
Stddev	.0062437	.0013016	.0116820	.0073743	.0121169	.0078278
%RSD	.6574108	.3695578	1.283080	.7688402	1.236063	2.351612

#1	.9568441	.3519912	.8971620	.9664320	.9670047	.3251411
#2	.9472431	.3536201	.9190446	.9593360	.9907454	.3326744
#3	.9451286	.3510470	.9151936	.9516868	.9830868	.3407931

Elem	Sr4077
Units	ppm
Avg	.4531673
Stddev	.0079284
%RSD	1.749544

#1	.4445182
#2	.4548932
#3	.4600906

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.401	1920.223	53308.28	6202.196	3152.401
Stddev	2.688	20.369	153.67	42.233	34.968
%RSD	.1565178	1.060741	.2882745	.6809364	1.109250

#1	1714.567	1898.738	53413.85	6234.206	3115.310
#2	1719.914	1922.677	53379.01	6154.330	3157.127
#3	1717.723	1939.253	53131.97	6218.052	3184.765

Sample Name: CCV093 Acquired: 4/27/2017 16:49:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.024964	4.966555	24.50116	4.924905	5.154345	404.6017
Stddev	.019987	.020332	.08199	.023694	.033851	1.3436
%RSD	.3977506	.4093747	.3346316	.4811007	.6567467	.3320739

#1	5.040730	4.987182	24.58624	4.949372	5.179655	404.5365
#2	5.031677	4.965951	24.49457	4.923276	5.167487	405.9767
#3	5.002485	4.946531	24.42266	4.902068	5.115894	403.2919

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17404	.4995215	2.484058	399.8597	15.26433	2.499141
Stddev	.04119	.0019376	.006386	1.9842	.08236	.007285
%RSD	.4048878	.3878873	.2570969	.4962141	.5395770	.2915011

#1	10.17757	.5017045	2.489521	401.6762	15.26349	2.507248
#2	10.21336	.4988545	2.485615	400.1608	15.34711	2.497032
#3	10.13120	.4980056	2.477037	397.7423	15.18239	2.493143

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81156	393.3053	14.97632	393.5545	2.513920	1.243610
Stddev	.06414	1.4876	.07622	1.6321	.006748	.005087
%RSD	.4056782	.3782361	.5089228	.4146967	.2684248	.4090591

#1	15.86111	394.4827	15.04967	393.9249	2.521567	1.239102
#2	15.83445	393.7998	14.98176	394.9695	2.508800	1.249126
#3	15.73911	391.6334	14.89753	391.7690	2.511393	1.242602

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.5797	2.568288	15.70813	159.6530	5.399576	F 4.247878
Stddev	.9096	.016882	.06544	.4982	.015638	.018698
%RSD	.2253776	.6573355	.4166195	.3120352	.2896112	.4401621

#1	403.2258	2.583754	15.63521	159.5770	5.414230	4.268195
#2	404.6130	2.570831	15.72742	160.1848	5.383112	4.244044
#3	402.9002	2.550278	15.76176	159.1972	5.401386	4.231394

Sample Name: CCV093 Acquired: 4/27/2017 16:49:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935837	5.243822	4.938103	4.993115	5.236776	5.247997
Stddev	.028435	.019562	.015607	.013472	.013126	.021332
%RSD	.5760845	.3730471	.3160585	.2698074	.2506547	.4064862

#1	4.960259	5.261837	4.955727	5.008579	5.251836	5.255014
#2	4.942631	5.246615	4.926029	4.986846	5.230730	5.264937
#3	4.904621	5.223014	4.932554	4.983921	5.227763	5.224040

Elem	Sr4077
Units	ppm
Avg	5.251931
Stddev	.056405
%RSD	1.073980

#1	5.280908
#2	5.287958
#3	5.186928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.989	1724.170	49915.92	5989.935	2722.140
Stddev	7.989	11.078	206.32	27.615	13.411
%RSD	.5164162	.6424889	.4133414	.4610208	.4926484

#1	1554.543	1712.610	50015.22	5960.241	2706.684
#2	1538.626	1725.206	49678.73	5994.720	2729.044
#3	1547.797	1734.693	50053.83	6014.845	2730.692

Sample Name: CCB093 Acquired: 4/27/2017 16:52:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007254	.0008280	-.004126	.0017957	-.000330	-.000991	-.002428
Stddev	.0028481	.0011756	.001368	.0015671	.000610	.006836	.000633
%RSD	392.6210	141.9817	33.16044	87.26631	185.0593	689.6249	26.08942

#1	-.002019	.0000053	-.004810	.0002512	.000352	.001018	-.002450
#2	.000528	.0021744	-.002551	.0033844	-.000824	.004615	-.003050
#3	.003667	.0003042	-.005017	.0017515	-.000518	-.008606	-.001784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000678	-.000198	.0105781	-.000053	-.000116	.0010439	.0040431
Stddev	.0001125	.000042	.0076472	.000423	.000018	.0007843	.0030485
%RSD	165.8997	20.99246	72.29270	793.3824	15.63121	75.13342	75.39868

#1	.0000704	-.000245	.0147213	-.000032	-.000097	.0017653	.0008026
#2	-.000046	-.000166	.0152598	-.000486	-.000120	.0002090	.0044729
#3	.000179	-.000184	.0017534	.000358	-.000133	.0011575	.0068539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002298	-.059465	.0001416	.0006249	-.292443	-.003004	-.002333
Stddev	.0000362	.006603	.0000195	.0002994	.069286	.002725	.015558
%RSD	15.74167	11.10314	13.79076	47.90922	23.69205	90.70991	666.9060

#1	.0002424	-.053271	.0001252	.0002792	-.280058	-.004773	-.020295
#2	.0001890	-.058712	.0001632	.0008009	-.367085	-.004374	.006373
#3	.0002580	-.066412	.0001363	.0007945	-.230184	.000134	.006923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967194	.0003834	.0066243	.0002079	-.007149	-.003006	-.000508
Stddev	.0325309	.0011994	.0004317	.0002452	.001050	.000596	.001335
%RSD	33.63426	312.8234	6.516197	117.9240	14.69112	19.81503	262.4930

#1	.1101732	.0017546	.0062629	.0001861	-.007318	-.003169	-.001620
#2	.0596198	-.000134	.0071022	.0004632	-.006025	-.002346	.000972
#3	.1203652	-.000470	.0065077	-.000026	-.008105	-.003503	-.000877

Sample Name: CCB093 Acquired: 4/27/2017 16:52:58 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006622	.0016670	.0000915
Stddev	.0004767	.0004016	.0000489
%RSD	71.98249	24.09061	53.47723

#1	.0012101	.0021293	.0001296
#2	.0003426	.0014051	.0001086
#3	.0004340	.0014666	.0000363

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.004	2171.099	59948.16	6399.567	4188.726
Stddev	1.719	7.593	29.24	23.392	9.726
%RSD	.0894398	.3497500	.0487787	.3655304	.2321978

#1	1923.206	2163.324	59917.81	6387.550	4177.927
#2	1922.771	2171.476	59950.53	6426.525	4196.797
#3	1920.035	2178.496	59976.15	6384.625	4191.454

Sample Name: I2836-01 Acquired: 4/27/2017 16:56:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CEM-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306736	-.019267	.1844337	-.048604	.0069996	98.39347	.7640575
Stddev	.0021179	.001736	.0011753	.003387	.0007336	.08141	.0014263
%RSD	6.904737	9.010106	.6372712	6.967636	10.47985	.0827345	.1866699

#1	.0330217	-.021265	.1855496	-.052510	.0066092	98.31463	.7629526
#2	.0300917	-.018399	.1845446	-.046498	.0078458	98.47722	.7656676
#3	.0289075	-.018135	.1832068	-.046804	.0065438	98.38855	.7635523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085994	.0081568	19.39373	.2748816	.0925095	.2373063	244.2347
Stddev	.0000974	.0001493	.06347	.0002402	.0007338	.0018313	.3636
%RSD	1.132798	1.829835	.3272531	.0873660	.7932363	.7716973	.1488836

#1	.0087119	.0082155	19.43526	.2751368	.0933564	.2364172	244.4965
#2	.0085418	.0082678	19.42526	.2748479	.0921119	.2360893	244.3880
#3	.0085446	.0079871	19.32067	.2746600	.0920604	.2394124	243.8195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.193471	33.58225	.1844984	-.011069	1.750612	.2581144	.5309322
Stddev	.014960	.14224	.0007422	.000172	.095093	.0008454	.0121389
%RSD	.2880541	.4235718	.4022884	1.557947	5.431971	.3275434	2.286338

#1	5.195051	33.74165	.1841601	-.010879	1.840976	.2578971	.5181284
#2	5.207578	33.53684	.1853495	-.011215	1.759452	.2573988	.5422738
#3	5.177783	33.46825	.1839856	-.011113	1.651408	.2590473	.5323942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.693642	3.625883	-.581405	.0019925	.6822970	2.140187	.0137128
Stddev	.068486	.004562	.003861	.0001314	.0058455	.013079	.0005447
%RSD	.7877707	.1258296	.6640818	6.592883	.8567455	.6111019	3.972425

#1	8.661808	3.627062	-.584603	.0019976	.6826193	2.151473	.0142949
#2	8.646866	3.629740	-.582495	.0021212	.6762970	2.143234	.0136282
#3	8.772250	3.620847	-.577116	.0018586	.6879747	2.125853	.0132153

Sample Name: I2836-01 Acquired: 4/27/2017 16:56:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CEM-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.587827	.1920600	.1345993
Stddev	.002519	.0010707	.0001380
%RSD	.1586386	.5574884	.1025192

#1	1.590320	.1909773	.1344963
#2	1.585283	.1931184	.1347560
#3	1.587879	.1920843	.1345454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.882	2272.030	63954.03	7261.970	3611.910
Stddev	12.770	4.511	199.06	13.014	10.610
%RSD	.6275753	.1985515	.3112485	.1792135	.2937532

#1	2049.442	2268.358	64174.62	7247.228	3603.687
#2	2029.626	2270.667	63899.68	7271.867	3608.156
#3	2025.578	2277.066	63787.79	7266.814	3623.886

Sample Name: I2836-02 Acquired: 4/27/2017 17:00:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: I2836-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972746	.1078999	.2182883	.0311208	.1864229	101.2049	4.558021
Stddev	.0035665	.0015731	.0006495	.0026865	.0028227	.2778	.005394
%RSD	3.666470	1.457912	.2975425	8.632409	1.514141	.2744993	.1183500

#1	.0934322	.1082589	.2184213	.0295867	.1862573	100.8950	4.553413
#2	.0979124	.1061783	.2175826	.0342228	.1893247	101.2881	4.556696
#3	.1004793	.1092625	.2188610	.0295528	.1836866	101.4316	4.563955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0970733	.1015232	19.14787	.6503559	1.067270	.7080580	242.8133
Stddev	.0004613	.0005598	.10517	.0016905	.004263	.0034822	.2994
%RSD	.4751762	.5514191	.5492282	.2599357	.3994037	.4918012	.1232937

#1	.0965488	.1019097	19.02670	.6519561	1.069413	.7042888	243.1541
#2	.0974155	.1008812	19.20163	.6505239	1.062361	.7111553	242.5930
#3	.0972558	.1017787	19.21529	.6485876	1.070036	.7087299	242.6927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.087158	32.98494	1.167264	.0250838	1.894204	1.257553	1.434717
Stddev	.023090	.08560	.005256	.0000364	.095194	.008791	.032347
%RSD	.3793154	.2595244	.4502736	.1450866	5.025549	.6990803	2.254564

#1	6.064823	33.04622	1.171397	.0250832	1.784837	1.247953	1.445550
#2	6.085717	32.88713	1.161349	.0251205	1.958426	1.265212	1.398344
#3	6.110934	33.02146	1.169047	.0250477	1.939351	1.259493	1.460257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.577371	3.584140	-.585147	.0013669	.6607197	1.766565	.0135443
Stddev	.008736	.021770	.002960	.0002200	.0016738	.005257	.0009437
%RSD	.1018522	.6073875	.5059151	16.09762	.2533319	.2976001	6.967365

#1	8.586240	3.577708	-.581898	.0016168	.6610229	1.760504	.0141909
#2	8.577100	3.566311	-.585851	.0012022	.6622212	1.769293	.0124614
#3	8.568774	3.608400	-.587691	.0012817	.6589150	1.769897	.0139805

Sample Name: I2836-02 Acquired: 4/27/2017 17:00:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: I2836-01MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.573713	.1905029	.1331430
Stddev	.009244	.0009945	.0007137
%RSD	.5873997	.5220106	.5360529

#1	1.563507	.1895581	.1323191
#2	1.576108	.1904101	.1335696
#3	1.581524	.1915405	.1335405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.182	2238.651	63318.16	7171.282	3572.608
Stddev	2.720	4.045	228.91	48.317	5.339
%RSD	.1353858	.1806728	.3615239	.6737636	.1494497

#1	2007.774	2243.182	63239.61	7224.101	3571.443
#2	2012.318	2237.368	63138.86	7160.436	3578.433
#3	2007.456	2235.404	63576.00	7129.309	3567.947

Sample Name: I2836-03 Acquired: 4/27/2017 17:04:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: I2836-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268324	-.019920	.1817292	-.049207	.0073063	98.34882	.7609850
Stddev	.0001773	.001196	.0035823	.003738	.0009396	.80157	.0048126
%RSD	.6607202	6.003905	1.971234	7.597102	12.85980	.8150304	.6324215

#1	.0270060	-.019657	.1808769	-.053518	.0069399	97.61018	.7606782
#2	.0266516	-.018878	.1856607	-.046862	.0083738	99.20118	.7659437
#3	.0268397	-.021226	.1786499	-.047241	.0066051	98.23510	.7563331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085472	.0086216	19.28397	.2742684	.0925750	.2384113	241.3062
Stddev	.0001082	.0001446	.12280	.0016350	.0005767	.0027966	1.7295
%RSD	1.265662	1.677690	.6368144	.5961293	.6229783	1.173022	.7167125

#1	.0085516	.0085080	19.21462	.2753999	.0931586	.2358501	240.3227
#2	.0086531	.0087844	19.42576	.2750114	.0925608	.2413952	243.3032
#3	.0084368	.0085723	19.21154	.2723938	.0920055	.2379884	240.2928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.161321	33.03611	.1833022	-.010654	1.744050	.2619273	.5390089
Stddev	.043236	.27496	.0016990	.000315	.049706	.0058534	.0038451
%RSD	.8376936	.8322970	.9268646	2.954397	2.850027	2.234761	.7133635

#1	5.134643	32.92518	.1842167	-.010625	1.785251	.2551896	.5385499
#2	5.211205	33.34920	.1843481	-.010355	1.688844	.2657606	.5354140
#3	5.138114	32.83395	.1813419	-.010983	1.758054	.2648316	.5430629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.651420	3.642186	-.589792	.0016914	.6835387	2.129372	.0141413
Stddev	.035472	.031592	.004580	.0000261	.0054944	.017017	.0008857
%RSD	.4100109	.8673997	.7765707	1.543553	.8038168	.7991746	6.262977

#1	8.625576	3.643863	-.586042	.0017139	.6885417	2.118707	.0138122
#2	8.691862	3.672907	-.594896	.0016974	.6776584	2.148997	.0151444
#3	8.636823	3.609789	-.588437	.0016628	.6844159	2.120412	.0134673

Sample Name: I2836-03 Acquired: 4/27/2017 17:04:51 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: I2836-01MSD Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.591938	.1925405	.1344533
Stddev	.016966	.0005257	.0007888
%RSD	1.065744	.2730465	.5866980

#1	1.576496	.1919339	.1338739
#2	1.610099	.1928220	.1353517
#3	1.589217	.1928655	.1341343

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.330	2248.243	63606.94	7241.465	3585.178
Stddev	3.719	13.220	72.40	57.022	20.013
%RSD	.1843625	.5880337	.1138241	.7874305	.5582058

#1	2021.349	2241.409	63607.67	7296.329	3576.196
#2	2014.011	2239.838	63534.18	7182.506	3571.230
#3	2016.628	2263.482	63678.97	7245.561	3608.108

Sample Name: I2836-01LX5 Acquired: 4/27/2017 17:08:55 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CEM-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114442	.0021649	.0456489	-.004069	.0050636	17.45353	.1394169
Stddev	.0017964	.0019048	.0014951	.001800	.0008523	.12797	.0012107
%RSD	15.69682	87.98771	3.275232	44.24942	16.83288	.7331782	.8684037

#1	.0113062	.0008341	.0447742	-.002385	.0044163	17.59160	.1408009
#2	.0133055	.0043469	.0447972	-.005966	.0047451	17.43008	.1388962
#3	.0097207	.0013137	.0473752	-.003855	.0060293	17.33892	.1385537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020084	.0028733	3.790984	.0622025	.0162084	.0570192	43.99476
Stddev	.0000602	.0000987	.050719	.0003811	.0002699	.0019865	.28922
%RSD	2.996253	3.436059	1.337873	.6126061	1.665433	3.483986	.6574032

#1	.0020049	.0029823	3.846347	.0626307	.0159302	.0547627	44.28770
#2	.0020702	.0027898	3.779843	.0619008	.0164693	.0585045	43.98718
#3	.0019500	.0028478	3.746763	.0620761	.0162258	.0577903	43.70940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9434014	6.120841	.0299648	-.000327	.3982565	.0469444	.0969340
Stddev	.0098548	.063996	.0003080	.000075	.0913098	.0036705	.0136327
%RSD	1.044603	1.045546	1.027812	22.82624	22.92739	7.818825	14.06388

#1	.9542864	6.047227	.0301063	-.000364	.3905911	.0504650	.1095706
#2	.9408319	6.163237	.0301765	-.000241	.3110210	.0431404	.0824863
#3	.9350859	6.152059	.0296115	-.000375	.4931574	.0472278	.0987451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.539598	.5521814	-.100875	.0041186	.1010415	.3383279	.0068011
Stddev	.025280	.0035826	.002429	.0002078	.0038097	.0024704	.0002599
%RSD	1.641989	.6488043	2.408340	5.045656	3.770456	.7301917	3.821407

#1	1.562422	.5499712	-.103430	.0042893	.0990438	.3410187	.0070003
#2	1.543946	.5563149	-.098594	.0041792	.1054346	.3378025	.0065071
#3	1.512426	.5502582	-.100600	.0038872	.0986461	.3361624	.0068958

Sample Name: I2836-01LX5 Acquired: 4/27/2017 17:08:55 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CEM-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2854046	.0364877	.0283188
Stddev	.0004962	.0003767	.0002766
%RSD	.1738666	1.032329	.9768302

#1	.2853500	.0368121	.0285708
#2	.2849380	.0360746	.0283627
#3	.2859259	.0365766	.0280228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.272	2175.083	60342.23	6497.908	3982.585
Stddev	18.560	7.720	131.76	57.015	7.897
%RSD	.9600345	.3549192	.2183563	.8774434	.1982935

#1	1915.612	2169.186	60242.20	6445.275	3978.735
#2	1931.587	2172.243	60292.96	6489.975	3977.352
#3	1952.617	2183.821	60491.53	6558.475	3991.669

Sample Name: I2642-19DL2X100 Acquired: 4/27/2017 17:13:05 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706458	.0026711	1.359397	.0016996	.0086750	.7919456	.0350210
Stddev	.0023717	.0007345	.006396	.0027726	.0007571	.0094076	.0004120
%RSD	3.357142	27.49860	.4704810	163.1317	8.726961	1.187912	1.176479

#1	.0722525	.0031446	1.363987	.0032989	.0086926	.7982783	.0354909
#2	.0679219	.0018249	1.362112	-.001502	.0094231	.7964230	.0347217
#3	.0717631	.0030436	1.352091	.003302	.0079093	.7811356	.0348505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002030	.0380635	2.345998	-.002275	.0013247	4.260068	2.525370
Stddev	.0000436	.0002065	.044595	.000334	.0001484	.048728	.027665
%RSD	21.46946	.5424205	1.900886	14.67015	11.20499	1.143833	1.095486

#1	.0002529	.0383018	2.353392	-.002655	.0011533	4.277194	2.526108
#2	.0001722	.0379524	2.386435	-.002141	.0014113	4.297922	2.552659
#3	.0001840	.0379364	2.298169	-.002029	.0014096	4.205089	2.497343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724979	.4335083	.0011501	.0110443	-.218157	.0056279	1.023298
Stddev	.0017614	.0330175	.0001462	.0001033	.238681	.0027170	.004875
%RSD	2.429615	7.616339	12.71089	.9354309	109.4081	48.27666	.4763544

#1	.0738661	.4022286	.0010957	.0109741	-.487920	.0032722	1.024398
#2	.0731171	.4680251	.0010389	.0111630	-.034395	.0086001	1.017967
#3	.0705105	.4302713	.0013157	.0109959	-.132154	.0050114	1.027528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2432338	-.005836	-.002698	-.000457	.3244639	.0746510	.0052796
Stddev	.0535262	.000362	.001624	.000095	.0031869	.0024919	.0008105
%RSD	22.00607	6.202558	60.19220	20.89758	.9822149	3.338034	15.35156

#1	.2913820	-.005695	-.002365	-.000455	.3274211	.0757255	.0062026
#2	.2527212	-.005566	-.004463	-.000362	.3248821	.0764254	.0049524
#3	.1855983	-.006247	-.001267	-.000553	.3210886	.0718022	.0046838

Sample Name: I2642-19DL2X100 Acquired: 4/27/2017 17:13:05 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EY4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0249624	.0002348	.0152729
Stddev	.0004711	.0002042	.0002189
%RSD	1.887209	86.97209	1.433170

#1	.0254925	.0004639	.0153594
#2	.0245916	.0000720	.0154353
#3	.0248032	.0001684	.0150240

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.724	2158.731	60359.56	6437.358	4142.498
Stddev	11.761	12.219	356.27	82.962	14.771
%RSD	.6082199	.5660171	.5902439	1.288765	.3565741

#1	1946.404	2147.500	60745.26	6386.675	4129.852
#2	1931.598	2156.951	60290.63	6392.300	4138.909
#3	1923.171	2171.742	60042.80	6533.100	4158.733

Sample Name: I2642-21DL2X100 Acquired: 4/27/2017 17:17:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.058018	.0027343	6.910655	.0034693	.1189379	.3342482	.0151515
Stddev	.018177	.0000656	.048396	.0003293	.0007370	.0099426	.0002315
%RSD	.4479290	2.399642	.7003147	9.490790	.6196647	2.974603	1.527724

#1	4.058658	.0027440	6.900309	.0031068	.1194790	.3401406	.0150466
#2	4.039529	.0027945	6.868269	.0035510	.1180985	.3227688	.0149909
#3	4.075867	.0026643	6.963388	.0037500	.1192362	.3398350	.0154168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001426	.1786745	1.878309	-.003082	.0149733	1.309663	9.181783
Stddev	.0000571	.0016824	.026206	.000397	.0003299	.005716	.032203
%RSD	40.06836	.9416096	1.395214	12.89816	2.203062	.4364429	.3507249

#1	.0001877	.1781579	1.900272	-.002898	.0150548	1.309306	9.195855
#2	.0000783	.1773110	1.849300	-.002809	.0146103	1.304135	9.144939
#3	.0001617	.1805546	1.885354	-.003538	.0152547	1.315550	9.204555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3205856	.1293580	.0234440	.0584611	-.155911	.0018695	3.897236
Stddev	.0022716	.0447819	.0003776	.0007599	.196743	.0027367	.035356
%RSD	.7085914	34.61860	1.610459	1.299828	126.1892	146.3866	.9072083

#1	.3186926	.1343604	.0232823	.0593046	-.058336	.0037547	3.867877
#2	.3199595	.0822849	.0231742	.0582490	-.382371	.0031234	3.887347
#3	.3231046	.1714286	.0238755	.0578299	-.027027	-.001270	3.936483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024928	.0386244	-.019008	.0019785	4.349779	.0785392	.0203497
Stddev	.015124	.0014101	.000905	.0001304	.043764	.0009918	.0007736
%RSD	60.67059	3.650893	4.760937	6.588842	1.006109	1.262760	3.801317

#1	-.042326	.0370513	-.018871	.0020189	4.350204	.0774781	.0204906
#2	-.014924	.0397751	-.018180	.0018327	4.305804	.0786965	.0195154
#3	-.017533	.0390467	-.019974	.0020839	4.393329	.0794428	.0210432

Sample Name: I2642-21DL2X100 Acquired: 4/27/2017 17:17:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0244476	-.000390	.0212933
Stddev	.0003315	.000417	.0001100
%RSD	1.355815	106.9432	.5167597

#1	.0247704	-.000224	.0212557
#2	.0241081	-.000864	.0212070
#3	.0244641	-.000082	.0214172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.423	2160.517	60296.67	6437.217	4159.978
Stddev	7.006	9.294	424.35	22.277	21.455
%RSD	.3619945	.4301558	.7037689	.3460661	.5157437

#1	1943.229	2155.352	59861.57	6435.950	4153.796
#2	1929.681	2171.246	60319.05	6460.100	4183.845
#3	1933.358	2154.953	60709.38	6415.600	4142.292

Sample Name: I2702-02DLX10 Acquired: 4/27/2017 17:21:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.508560	.0083127	22.23819	-.002582	.0930330	11.29023	.2909952
Stddev	.005359	.0008429	.04208	.000476	.0015821	.11329	.0037542
%RSD	.3552220	10.14031	.1892347	18.42806	1.700549	1.003456	1.290134

#1	1.510553	.0074696	22.24805	-.002756	.0928801	11.41995	.2953298
#2	1.512636	.0083131	22.27447	-.002044	.0946860	11.24003	.2888830
#3	1.502490	.0091554	22.19206	-.002947	.0915330	11.21072	.2887729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013243	.3796583	31.96597	.0082234	.0239189	4.068557	40.49882
Stddev	.0000288	.0014410	.30431	.0002353	.0002817	.052970	.60401
%RSD	2.171792	.3795658	.9519772	2.861736	1.177808	1.301927	1.491424

#1	.0013571	.3787532	32.30665	.0079577	.0241909	4.129645	41.19142
#2	.0013121	.3813200	31.87018	.0083070	.0236284	4.040638	40.22357
#3	.0013037	.3789016	31.72108	.0084055	.0239374	4.035386	40.08146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.399692	11.62362	.0476367	.1381663	.3730720	.0481614	10.70856
Stddev	.012459	.08847	.0001708	.0012854	.1659153	.0022087	.05633
%RSD	.8901356	.7610987	.3585798	.9303156	44.47273	4.586041	.5260297

#1	1.414038	11.71996	.0478317	.1369211	.5212189	.0483847	10.68157
#2	1.391582	11.60487	.0475648	.1380893	.4041995	.0458495	10.67081
#3	1.393457	11.54603	.0475136	.1394884	.1937975	.0502500	10.77331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.984488	.6974292	-.082400	.0016424	8.600904	2.240918	.0592438
Stddev	.080719	.0004234	.001430	.0002542	.024356	.013344	.0007177
%RSD	2.704623	.0607047	1.735433	15.47951	.2831781	.5954551	1.211343

#1	3.072880	.6971689	-.082645	.0013829	8.625727	2.255428	.0589676
#2	2.914685	.6979177	-.083691	.0016531	8.599944	2.238150	.0600585
#3	2.965900	.6972009	-.080863	.0018911	8.577043	2.229175	.0587052

Sample Name: I2702-02DLX10 Acquired: 4/27/2017 17:21:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2949940	.0139590	.1323351
Stddev	.0047031	.0003539	.0016661
%RSD	1.594298	2.535280	1.259018

#1	.3004134	.0137636	.1342140
#2	.2925866	.0143676	.1317539
#3	.2919819	.0137459	.1310374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.159	2141.054	60150.14	6563.233	3874.609
Stddev	6.733	8.272	346.88	70.139	12.183
%RSD	.3504405	.3863724	.5766883	1.068671	.3144197

#1	1928.906	2133.165	60549.55	6487.825	3864.789
#2	1917.846	2140.335	59976.53	6575.350	3870.796
#3	1916.725	2149.663	59924.34	6626.525	3888.242

Sample Name: I2702-03DLX10 Acquired: 4/27/2017 17:25:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.428558	.0066207	21.17343	-.000522	.0859410	10.76845	.2946279
Stddev	.006246	.0008900	.16621	.000877	.0015806	.06934	.0018348
%RSD	.4372515	13.44200	.7849768	167.9414	1.839164	.6438850	.6227358

#1	1.425933	.0076179	21.02495	-.000641	.0854715	10.76449	.2956058
#2	1.435688	.0059071	21.35298	.000408	.0877032	10.70117	.2925113
#3	1.424052	.0063370	21.14236	-.001333	.0846484	10.83968	.2957666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012130	.3614563	30.50158	.0076890	.0222267	3.874451	38.47189
Stddev	.0000789	.0031240	.06188	.0003990	.0002746	.016922	.08155
%RSD	6.502730	.8642903	.2028703	5.189066	1.235580	.4367463	.2119630

#1	.0013026	.3585183	30.45599	.0074604	.0219168	3.874560	38.37864
#2	.0011539	.3647379	30.47674	.0081497	.0224399	3.857476	38.52984
#3	.0011826	.3611128	30.57202	.0074570	.0223234	3.891318	38.50719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.342339	11.02110	.0445249	.1326423	.0872173	.0439737	10.18313
Stddev	.007961	.12682	.0001994	.0002424	.2078333	.0017806	.07512
%RSD	.5931056	1.150727	.4477739	.1827373	238.2937	4.049310	.7377396

#1	1.335633	10.89873	.0444951	.1324869	.0845064	.0419618	10.09671
#2	1.340247	11.01261	.0447375	.1325185	.2963927	.0446127	10.23289
#3	1.351138	11.15195	.0443422	.1329216	-.119247	.0453467	10.21978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.898456	.6625718	-.079088	.0016868	8.162757	3.448455	.0561408
Stddev	.045370	.0062606	.001109	.0003865	.063884	.022000	.0003744
%RSD	1.565304	.9448920	1.402447	22.91054	.7826270	.6379566	.6668810

#1	2.911343	.6553439	-.079981	.0012414	8.089805	3.423481	.0557216
#2	2.848037	.6660718	-.079437	.0018870	8.208705	3.456917	.0562586
#3	2.935989	.6662998	-.077846	.0019321	8.189760	3.464967	.0564421

Sample Name: I2702-03DLX10 Acquired: 4/27/2017 17:25:18 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EX6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2984080	.0134397	.1256478
Stddev	.0017029	.0004508	.0004367
%RSD	.5706506	3.354109	.3475605

#1	.2994903	.0138874	.1258692
#2	.2964451	.0129859	.1251448
#3	.2992885	.0134457	.1259295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.403	2153.881	60173.15	6461.833	3901.811
Stddev	2.532	9.000	106.53	24.908	22.318
%RSD	.1310898	.4178681	.1770425	.3854618	.5719827

#1	1933.032	2158.924	60267.70	6480.700	3920.137
#2	1932.690	2143.490	60194.03	6471.200	3876.957
#3	1928.486	2159.230	60057.72	6433.600	3908.339

Sample Name: I2702-04DLX10 Acquired: 4/27/2017 17:29:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9920858	.0188308	26.43905	.0106089	.1036909	10.61937	.5990837
Stddev	.0040280	.0003645	.04594	.0022821	.0002096	.04305	.0017362
%RSD	.4060149	1.935437	.1737575	21.51088	.2021128	.4053788	.2898161

#1	.9876056	.0192285	26.47132	.0119922	.1034948	10.66103	.6006796
#2	.9954079	.0187509	26.45937	.0079749	.1039118	10.62203	.5993367
#3	.9932440	.0185128	26.38645	.0118595	.1036663	10.57505	.5972349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109497	.3387503	18.74527	.0456795	.1226499	2.192498	29.75724
Stddev	.0000682	.0007315	.08756	.0008116	.0002517	.010416	.06605
%RSD	.6228796	.2159558	.4671144	1.776712	.2052213	.4750703	.2219560

#1	.0110216	.3383301	18.64850	.0464802	.1226868	2.191111	29.73081
#2	.0109415	.3395951	18.76829	.0457011	.1228811	2.203538	29.83241
#3	.0108859	.3383259	18.81903	.0448574	.1223817	2.182846	29.70850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253819	5.169908	.1396293	.1856809	.1747231	.1408341	9.457741
Stddev	.005128	.027183	.0008090	.0007154	.0510737	.0021458	.012496
%RSD	.4090119	.5257964	.5794023	.3853085	29.23122	1.523642	.1321203

#1	1.255009	5.191023	.1394257	.1850517	.2318826	.1402511	9.468308
#2	1.258247	5.179463	.1405206	.1864591	.1335687	.1432111	9.443949
#3	1.248200	5.139237	.1389415	.1855318	.1587181	.1390400	9.460967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.796655	.5959551	-.060479	.0020463	8.900606	1.375622	.0422716
Stddev	.025391	.0026463	.000565	.0001403	.012121	.006791	.0011251
%RSD	.9079182	.4440480	.9347782	6.858358	.1361796	.4936524	2.661551

#1	2.769103	.5987678	-.060838	.0019940	8.908205	1.379873	.0413590
#2	2.819114	.5955828	-.060771	.0022053	8.906985	1.379203	.0419272
#3	2.801747	.5935146	-.059827	.0019396	8.886628	1.367791	.0435287

Sample Name: I2702-04DLX10 Acquired: 4/27/2017 17:29:18 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EX6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2495841	.0129785	.1117989
Stddev	.0020925	.0002271	.0004261
%RSD	.8384086	1.750178	.3811322

#1	.2476805	.0128510	.1121129
#2	.2518247	.0128436	.1119701
#3	.2492471	.0132407	.1113139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.932	2156.052	60265.94	6487.288	3941.643
Stddev	2.691	2.717	158.18	24.686	9.000
%RSD	.1390946	.1260153	.2624767	.3805343	.2283287

#1	1932.268	2153.369	60420.33	6479.724	3933.136
#2	1937.650	2155.983	60104.22	6467.270	3940.727
#3	1934.878	2158.802	60273.27	6514.872	3951.065

Sample Name: I2702-02LDLX50 Acquired: 4/27/2017 17:33:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2857300	.0019986	4.223166	-.000838	.0182455	2.179620	.0560643
Stddev	.0048972	.0005123	.007627	.002946	.0008537	.001382	.0002468
%RSD	1.713909	25.63495	.1805990	351.4451	4.678755	.0633950	.4402514

#1	.2801694	.0025739	4.225063	.001776	.0173270	2.178914	.0557883
#2	.2876205	.0018300	4.214769	-.000261	.0190146	2.181212	.0561405
#3	.2894002	.0015917	4.229665	-.004031	.0183949	2.178734	.0562640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002161	.0713989	6.261139	.0009863	.0042190	.7988545	7.895116
Stddev	.0000524	.0002247	.021873	.0002546	.0000949	.0051224	.023601
%RSD	24.26441	.3147479	.3493501	25.81213	2.250173	.6412181	.2989316

#1	.0001759	.0713890	6.243508	.0009404	.0043060	.8039440	7.884928
#2	.0002754	.0711793	6.285617	.0007578	.0041178	.7989196	7.878320
#3	.0001971	.0716284	6.254291	.0012607	.0042333	.7936998	7.922100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2783296	2.258505	.0084889	.0273305	-.017714	.0050335	2.098213
Stddev	.0014785	.038884	.0000898	.0003625	.038753	.0033509	.016671
%RSD	.5311938	1.721661	1.057799	1.326316	218.7674	66.57154	.7945481

#1	.2772310	2.281112	.0083854	.0273937	.024369	.0086589	2.081255
#2	.2800106	2.280797	.0085465	.0276572	-.025581	.0020499	2.098803
#3	.2777472	2.213606	.0085348	.0269405	-.051931	.0043919	2.114581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5979828	.1246752	-.018196	-.000040	1.544261	.5753379	.0113548
Stddev	.0371896	.0029395	.000400	.000089	.010943	.0005941	.0000436
%RSD	6.219168	2.357692	2.195536	223.0325	.7086368	.1032549	.3842752

#1	.6231256	.1280329	-.018042	.000041	1.537393	.5747709	.0113246
#2	.6155601	.1225662	-.017896	-.000135	1.538509	.5759558	.0114048
#3	.5552628	.1234265	-.018649	-.000026	1.556880	.5752871	.0113350

Sample Name: I2702-02LDLX50 Acquired: 4/27/2017 17:33:18 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EX6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0604327	.0014123	.0258109
Stddev	.0017202	.0003872	.0000701
%RSD	2.846456	27.41847	.2717039

#1	.0608319	.0009713	.0258744
#2	.0619182	.0016967	.0257356
#3	.0585480	.0015690	.0258226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.043	2161.053	60358.88	6396.983	4092.597
Stddev	5.572	7.215	105.17	13.792	8.576
%RSD	.2870778	.3338821	.1742424	.2155969	.2095575

#1	1946.258	2152.721	60241.03	6386.900	4085.674
#2	1941.700	2165.219	60443.20	6391.350	4102.191
#3	1935.171	2165.218	60392.41	6412.700	4089.926

Sample Name: I2702-09DL2X100 Acquired: 4/27/2017 17:37:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099649	.0006247	.1990069	-.000354	.0019984	.8018128	.0076531
Stddev	.0022912	.0017597	.0016044	.000921	.0008534	.0074516	.0002624
%RSD	22.99268	281.7077	.8061974	259.9304	42.70594	.9293458	3.428702

#1	.0105011	.0002685	.1992392	-.000797	.0014780	.7934437	.0076117
#2	.0074531	.0025352	.2004825	.000704	.0029833	.8077281	.0079337
#3	.0119404	-.000930	.1972990	-.000969	.0015339	.8042667	.0074138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000766	.0035365	1.794803	-.003362	.0012238	12.01113	3.606025
Stddev	.0000425	.0000860	.013220	.000168	.0003376	.01811	.056925
%RSD	55.51082	2.430998	.7365566	5.001523	27.58918	.1507895	1.578602

#1	.0000690	.0036069	1.797063	-.003196	.0008636	12.01332	3.662363
#2	.0000384	.0035621	1.780599	-.003532	.0012748	11.99202	3.548532
#3	.0001224	.0034407	1.806747	-.003357	.0015331	12.02804	3.607181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648743	.5624233	.0015266	.0028692	-.168062	.0020565	.1807950
Stddev	.0011133	.0500526	.0002218	.0004703	.144336	.0012898	.0048241
%RSD	1.716045	8.899451	14.53135	16.39125	85.88259	62.71734	2.668282

#1	.0657998	.5680539	.0017473	.0023670	-.197605	.0008413	.1758299
#2	.0636389	.5097935	.0013037	.0029413	-.011240	.0019184	.1810908
#3	.0651841	.6094225	.0015289	.0032993	-.295342	.0034098	.1854645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1995429	-.135923	-.010200	-.001209	.0804372	.2099565	.0099755
Stddev	.0384416	.001894	.000518	.000101	.0018690	.0025678	.0002841
%RSD	19.26483	1.393351	5.082112	8.340711	2.323491	1.223021	2.848402

#1	.2264134	-.137133	-.009619	-.001276	.0803433	.2071978	.0097964
#2	.1555096	-.136895	-.010614	-.001258	.0823514	.2103948	.0103031
#3	.2167056	-.133740	-.010368	-.001093	.0786170	.2122770	.0098270

Sample Name: I2702-09DL2X100 Acquired: 4/27/2017 17:37:25 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EY9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0395327	.0002043	.0050063
Stddev	.0005884	.0010926	.0000629
%RSD	1.488322	534.7537	1.256304

#1	.0399952	.0002298	.0049966
#2	.0397326	.0012840	.0050735
#3	.0388705	-.000901	.0049488

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.915	2167.937	60300.35	6368.550	4154.338
Stddev	12.930	16.451	223.53	25.827	30.905
%RSD	.6648061	.7588337	.3706874	.4055368	.7439230

#1	1932.295	2162.961	60042.24	6360.375	4138.364
#2	1944.317	2154.548	60429.99	6397.475	4134.689
#3	1958.134	2186.302	60428.81	6347.800	4189.961

Sample Name: I2702-10DL2X50 Acquired: 4/27/2017 17:41:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097832	.0003753	.1507456	-.000332	.0010978	1.574761	.0185293
Stddev	.0030516	.0015770	.0014395	.002670	.0008303	.006132	.0005269
%RSD	31.19264	420.2306	.9548896	803.8696	75.63655	.3893700	2.843697

#1	.0078743	-.001114	.1492799	.001972	.0017557	1.568608	.0187031
#2	.0133028	.000213	.1521572	-.003258	.0001648	1.574803	.0179374
#3	.0081726	.002027	.1507997	.000290	.0013728	1.580872	.0189473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001576	.0027801	4.289596	.0003240	.0013659	7.117352	4.586687
Stddev	.0000377	.0000364	.020188	.0001982	.0001045	.015620	.041544
%RSD	23.90519	1.309402	.4706384	61.18000	7.649550	.2194630	.9057460

#1	.0001999	.0028221	4.286796	.0003091	.0012523	7.105138	4.551907
#2	.0001277	.0027592	4.270954	.0001337	.0013875	7.111966	4.575465
#3	.0001450	.0027590	4.311038	.0005292	.0014580	7.134953	4.632689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939510	1.366481	.0059282	.0021426	.1368572	.0111257	.1601881
Stddev	.0009587	.030297	.0001505	.0002337	.0601462	.0004656	.0234206
%RSD	1.020429	2.217181	2.537999	10.90980	43.94812	4.184907	14.62067

#1	.0947916	1.347986	.0059463	.0024010	.1097935	.0106929	.1598734
#2	.0941547	1.401446	.0060689	.0019459	.2057806	.0110660	.1837645
#3	.0929069	1.350011	.0057696	.0020809	.0949974	.0116183	.1369265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818843	.0121517	-.011115	-.000307	.1319724	.3306415	.0060568
Stddev	.0261713	.0037055	.000603	.000141	.0012583	.0027907	.0010601
%RSD	6.853205	30.49383	5.422679	46.01693	.9534795	.8440362	17.50252

#1	.3552293	.0150432	-.010420	-.000384	.1333452	.3285094	.0071253
#2	.3828801	.0134373	-.011432	-.000393	.1316984	.3296150	.0060400
#3	.4075434	.0079746	-.011494	-.000144	.1308737	.3338001	.0050053

Sample Name: I2702-10DL2X50 Acquired: 4/27/2017 17:41:34 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EZ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0789512	.0028787	.0099355
Stddev	.0006847	.0003516	.0000744
%RSD	.8672624	12.21362	.7488165

#1	.0797182	.0032842	.0098831
#2	.0787338	.0026576	.0099028
#3	.0784016	.0026945	.0100207

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.204	2155.343	60250.43	6404.483	4112.621
Stddev	9.016	4.664	197.78	7.974	11.973
%RSD	.4651474	.2163814	.3282707	.1245009	.2911176

#1	1928.154	2151.297	60030.24	6411.375	4099.288
#2	1940.879	2160.444	60308.05	6395.750	4122.453
#3	1945.579	2154.289	60413.01	6406.325	4116.122

Sample Name: I2642-10A Acquired: 4/27/2017 17:45:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EY6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5967570	.0560093	9.603400	-.019853	.0485814	89.12929
Stddev	.0025463	.0023124	.007007	.000703	.0009260	.17750
%RSD	.4266908	4.128682	.0729590	3.539878	1.906109	.1991487

#1	.5954356	.0586734	9.610723	-.019384	.0495756	89.08976
#2	.5996923	.0545221	9.602719	-.019515	.0477435	88.97489
#3	.5951430	.0548323	9.596759	-.020661	.0484250	89.32323

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.234609	.0059116	.1408131	118.9139	.0337791	.0800058
Stddev	.002177	.0000924	.0002677	.1121	.0014691	.0002689
%RSD	.1762937	1.563807	.1901379	.0942860	4.349192	.3361121

#1	1.237059	.0058113	.1410789	118.9203	.0324011	.0796980
#2	1.233870	.0059303	.1408170	119.0227	.0353249	.0801244
#3	1.232899	.0059933	.1405434	118.7988	.0336113	.0801951

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 102.3799	245.0436	3.973811	41.03912	.0595013	.0355020
Stddev	.1334	.3235	.009278	.07621	.0007571	.0001113
%RSD	.1302631	.1320070	.2334835	.1856912	1.272426	.3135041

#1	102.5198	244.6975	3.979045	41.12710	.0603278	.0356119
#2	102.2542	245.3383	3.963099	40.99608	.0588413	.0355048
#3	102.3657	245.0950	3.979290	40.99416	.0593349	.0353893

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.087808	.5795156	F 76.75761	19.53692	4.956965	-.610475
Stddev	.170649	.0071073	.22789	.00777	.026213	.001931
%RSD	4.174574	1.226425	.2968963	.0397859	.5288133	.3163652

#1	3.954389	.5774297	76.68700	19.54421	4.978186	-.611642
#2	4.028935	.5736846	76.57339	19.52874	4.927663	-.608246
#3	4.280098	.5874325	77.01245	19.53780	4.965047	-.611538

Sample Name: I2642-10A Acquired: 4/27/2017 17:45:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EY6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002520	3.513279	14.67805	.2014324	3.949854	.1313700
Stddev	.000171	.010874	.02598	.0026781	.009204	.0005163
%RSD	6.776143	.3095245	.1770147	1.329545	.2330125	.3929930

#1	-.002325	3.513152	14.70161	.2004192	3.950764	.1311791
#2	-.002591	3.502468	14.65018	.2044693	3.940229	.1319545
#3	-.002643	3.524216	14.68236	.1994087	3.958568	.1309764

Elem	Sr4077
Units	ppm
Avg	.3876804
Stddev	.0006809
%RSD	.1756257

#1	.3879719
#2	.3869023
#3	.3881670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.978	2085.886	61381.27	6964.644	3398.352
Stddev	6.851	9.097	134.29	16.815	7.331
%RSD	.3617200	.4361364	.2187757	.2414297	.2157134

#1	1887.732	2081.403	61509.84	6954.910	3390.434
#2	1901.305	2096.355	61392.06	6984.060	3404.902
#3	1892.896	2079.900	61241.91	6954.961	3399.720

Sample Name: I2759-13A Acquired: 4/27/2017 17:49:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F50A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8783330	.0587017	7.614392	.0268695	.0523962	97.09398	1.344781
Stddev	.0047890	.0018256	.012371	.0016044	.0007338	.06051	.002125
%RSD	.5452377	3.109941	.1624721	5.971097	1.400423	.0623195	.1580459

#1	.8829937	.0581761	7.603851	.0251003	.0532135	97.14617	1.346131
#2	.8734253	.0607325	7.611314	.0272783	.0521808	97.10811	1.342331
#3	.8785800	.0571966	7.628012	.0282300	.0517942	97.02765	1.345881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073906	.2329902	34.94784	.1282340	.0916332	1.929969	203.1762
Stddev	.0000524	.0005580	.08542	.0005029	.0008266	.011696	.6938
%RSD	.7088177	.2395012	.2444209	.3921578	.9021223	.6060450	.3414575

#1	.0074368	.2324066	34.89568	.1277957	.0913275	1.924865	203.6837
#2	.0073337	.2330454	34.90142	.1281231	.0910030	1.921692	202.3856
#3	.0074013	.2335185	35.04641	.1287830	.0925692	1.943350	203.4591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.390494	35.74961	.1132272	.0288928	1.536162	.4495249	5.302207
Stddev	.010385	.16197	.0006761	.0002954	.053551	.0021074	.031387
%RSD	.1926458	.4530740	.5970954	1.022253	3.485994	.4688096	.5919570

#1	5.388387	35.81842	.1128571	.0286908	1.525778	.4517072	5.335754
#2	5.381325	35.56459	.1128170	.0292318	1.488565	.4475013	5.273555
#3	5.401771	35.86582	.1140075	.0287558	1.594145	.4493663	5.297312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.10382	6.476447	-.503831	.0200974	2.497460	19.03351	.0251762
Stddev	.02232	.009798	.003194	.0001815	.007590	.06469	.0010705
%RSD	.0823625	.1512834	.6339342	.9029730	.3039252	.3398678	4.251969

#1	27.11920	6.470861	-.500144	.0200807	2.503049	18.98012	.0241811
#2	27.11405	6.470720	-.505588	.0199249	2.488818	19.10545	.0263088
#3	27.07822	6.487760	-.505760	.0202867	2.500513	19.01497	.0250386

Sample Name: I2759-13A Acquired: 4/27/2017 17:49:42 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F50A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.172245	.1024873	.3333143
Stddev	.002603	.0003707	.0005725
%RSD	.0623964	.3617229	.1717611

#1	4.172690	.1025937	.3339439
#2	4.174596	.1027933	.3331737
#3	4.169447	.1020751	.3328251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.074	2283.772	64910.74	7236.007	3540.613
Stddev	5.980	7.829	68.87	16.270	13.000
%RSD	.2903979	.3428101	.1060975	.2248411	.3671632

#1	2052.324	2286.298	64870.14	7227.066	3548.685
#2	2061.189	2290.026	64871.83	7226.169	3547.537
#3	2063.708	2274.992	64990.26	7254.787	3525.617

Sample Name: I2641-17A Acquired: 4/27/2017 17:53:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F32A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665792	.0566958	F 82.89450	-.041509	.1403711	114.3689
Stddev	.020365	.0015457	1.15539	.002225	.0023497	.6383
%RSD	1.222549	2.726227	1.393802	5.360586	1.673918	.5581414

#1	1.642365	.0549355	81.64256	-.042274	.1377873	113.6319
#2	1.675741	.0573210	83.12123	-.043251	.1409458	114.7502
#3	1.679270	.0578309	83.91971	-.039003	.1423801	114.7245

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.716646	.0110865	.6531825	148.4801	.1076637	.1046942
Stddev	.004398	.0000657	.0103037	.6239	.0020073	.0020809
%RSD	.1619053	.5927054	1.577462	.4202214	1.864391	1.987643

#1	2.721673	.0110641	.6425804	147.9622	.1056975	.1023509
#2	2.713509	.0111605	.6538077	149.1728	.1097097	.1054053
#3	2.714755	.0110349	.6631593	148.3053	.1075841	.1063263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.763993	208.4210	6.818961	45.24555	.2002647	.3021980
Stddev	.030489	.9221	.013788	.17010	.0035289	.0043560
%RSD	.5289511	.4424234	.2022027	.3759578	1.762092	1.441430

#1	5.728935	208.1805	6.804624	45.05399	.1964443	.2972206
#2	5.778737	209.4395	6.832125	45.37892	.2009477	.3053144
#3	5.784307	207.6430	6.820135	45.30375	.2034022	.3040589

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.978982	.3737384	F 36.48682	33.22380	8.091428	-.440241
Stddev	.102635	.0034179	.48062	.20013	.123332	.006699
%RSD	5.186226	.9145283	1.317239	.6023574	1.524232	1.521577

#1	2.068780	.3720869	35.93811	33.07724	7.964104	-.432949
#2	1.867105	.3714597	36.83314	33.14236	8.099844	-.446120
#3	2.001062	.3776684	36.68922	33.45181	8.210337	-.441654

Sample Name: I2641-17A Acquired: 4/27/2017 17:53:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F32A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107784	19.68508	28.08187	.1620409	3.002888	.1065585
Stddev	.0001261	.29928	.35020	.0016044	.022723	.0008053
%RSD	1.169645	1.520322	1.247053	.9901316	.7567201	.7557167

#1	.0108124	19.35882	27.70995	.1613467	2.976687	.1073619
#2	.0108839	19.74956	28.40529	.1638756	3.014778	.1065622
#3	.0106388	19.94686	28.13036	.1609006	3.017200	.1057514

Elem	Sr4077
Units	ppm
Avg	.7881622
Stddev	.0020993
%RSD	.2663498

#1	.7857725
#2	.7890049
#3	.7897092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.546	2286.155	66442.42	7601.632	3362.548
Stddev	29.159	18.035	753.86	62.107	38.283
%RSD	1.410318	.7888966	1.134610	.8170174	1.138502

#1	2100.548	2306.097	67289.39	7664.108	3403.338
#2	2045.266	2281.379	65844.90	7539.901	3356.906
#3	2056.823	2270.988	66192.98	7600.888	3327.399

Sample Name: I2702-02A Acquired: 4/27/2017 17:57:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.06158	.1727584	F 200.3879	.0202841	2.104568	99.84072
Stddev	.05906	.0027078	1.3188	.0037739	.013575	.31252
%RSD	.4521291	1.567389	.6581332	18.60500	.6450358	.3130228

#1	13.12384	.1751401	201.9078	.0244865	2.116368	100.1501
#2	13.05455	.1698132	199.7098	.0171844	2.107604	99.8470
#3	13.00636	.1733219	199.5460	.0191815	2.089731	99.5251

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.638376	.0095333	3.472349	268.9758	.0762737	.2330171
Stddev	.009481	.0001008	.023883	.3959	.0006827	.0020008
%RSD	.3593471	1.057040	.6878070	.1471736	.8950690	.8586444

#1	2.649107	.0096218	3.499918	268.5679	.0767828	.2351780
#2	2.634886	.0095544	3.457958	269.0011	.0765403	.2326444
#3	2.631134	.0094236	3.459172	269.3584	.0754979	.2312288

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.74972	320.0117	11.26442	99.54241	.4557885	1.202505
Stddev	.14473	.4954	.01030	.19118	.0035727	.003868
%RSD	.4165018	.1548101	.0914115	.1920621	.7838462	.3216510

#1	34.91568	319.8630	11.25429	99.76317	.4591334	1.206725
#2	34.68379	319.6077	11.26410	99.43251	.4562072	1.201661
#3	34.64970	320.5644	11.27487	99.43155	.4520250	1.199128

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.949387	.4006791	F 73.62412	28.18081	7.172976	-.697909
Stddev	.098689	.0017036	.01931	.12386	.025386	.002061
%RSD	1.993961	.4251803	.0262345	.4395062	.3539110	.2952743

#1	4.874132	.4008911	73.60908	28.31668	7.202000	-.696831
#2	5.061122	.4022668	73.61738	28.07421	7.162021	-.700286
#3	4.912906	.3988794	73.64590	28.15155	7.154907	-.696612

Sample Name: I2702-02A Acquired: 4/27/2017 17:57:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EX6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217419	85.68635	24.20142	.5633872	2.630080	.1323515
Stddev	.0000945	.49055	.02884	.0027564	.008613	.0012189
%RSD	.4344669	.5724998	.1191667	.4892494	.3274686	.9209823

#1	.0218509	86.21959	24.22487	.5662945	2.640014	.1335814
#2	.0216887	85.58520	24.16922	.5608117	2.625513	.1311439
#3	.0216860	85.25426	24.21018	.5630555	2.624713	.1323290

Elem	Sr4077
Units	ppm
Avg	1.128028
Stddev	.003546
%RSD	.3143416

#1	1.132098
#2	1.126384
#3	1.125603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.960	2152.591	63498.14	7306.310	3258.188
Stddev	1.755	13.499	196.10	12.789	23.255
%RSD	.0905035	.6271169	.3088240	.1750461	.7137255

#1	1939.857	2138.442	63271.70	7291.559	3232.268
#2	1936.938	2154.000	63612.01	7314.286	3265.075
#3	1940.085	2165.330	63610.69	7313.086	3277.221

Sample Name: I2760-04A Acquired: 4/27/2017 18:01:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0PQ5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023496	.0639097	.0035165	-.000943	-.000190	.0119586	.1125434
Stddev	.0021957	.0013409	.0009570	.000060	.001077	.0059848	.0014361
%RSD	93.44995	2.098174	27.21272	6.364607	567.0838	50.04634	1.276024

#1	.0048841	.0643068	.0042989	-.001012	-.000532	.0087436	.1108904
#2	.0011429	.0650073	.0038011	-.000917	-.001054	.0082683	.1134837
#3	.0010220	.0624151	.0024496	-.000901	.001016	.0188638	.1132562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001205	-.000130	7.657395	-.000523	-.000373	.0075509	.0047205
Stddev	.0000260	.000052	.092109	.000418	.000131	.0015949	.0120763
%RSD	21.54590	40.10403	1.202872	79.77842	35.12070	21.12231	255.8285

#1	.0001060	-.000091	7.551537	-.000412	-.000229	.0093279	.0173627
#2	.0001051	-.000189	7.719246	-.000986	-.000406	.0070815	-.006696
#3	.0001505	-.000109	7.701402	-.000173	-.000485	.0062434	.003495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056120	1.710596	.0007486	.0006180	6.796903	.0041805	.0075264
Stddev	.0004800	.017371	.0001239	.0001834	.077994	.0033537	.0130844
%RSD	8.552306	1.015522	16.54934	29.67228	1.147497	80.22405	173.8457

#1	.0060736	1.690678	.0006404	.0006885	6.725769	.0003845	.0017334
#2	.0056469	1.718499	.0008837	.0004099	6.784636	.0067422	.0225073
#3	.0051156	1.722611	.0007217	.0007557	6.880304	.0054147	-.001661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7734253	.0148173	.0100579	.0021103	1.726650	6.406469	-.000591
Stddev	.0196871	.0008464	.0007116	.0002364	.006224	.054725	.000451
%RSD	2.545448	5.712352	7.075433	11.19957	.3604923	.8542218	76.26480

#1	.7864444	.0148943	.0094444	.0023722	1.720233	6.346453	-.001053
#2	.7507769	.0139350	.0098912	.0019129	1.727054	6.453607	-.000569
#3	.7830544	.0156225	.0108381	.0020459	1.732663	6.419347	-.000152

Sample Name: I2760-04A Acquired: 4/27/2017 18:01:32 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0PQ5A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000181	-.000619	.0349430
Stddev	.000728	.000764	.0003724
%RSD	402.5127	123.3015	1.065729

#1	-.000753	-.000427	.0345359
#2	-.000428	-.001461	.0352665
#3	.000638	.000030	.0350267

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.156	2320.225	64497.03	6924.100	4445.833
Stddev	28.448	6.001	710.70	63.952	11.375
%RSD	1.343672	.2586525	1.101904	.9236200	.2558525

#1	2111.106	2322.626	64416.43	6996.900	4439.552
#2	2148.143	2313.395	65244.58	6876.975	4438.984
#3	2092.221	2324.654	63830.06	6898.425	4458.963

Sample Name: I2761-02A Acquired: 4/27/2017 18:05:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0PQ6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019663	.0649530	-.000432	.0009635	-.000627	.0069380	.1117459
Stddev	.0006717	.0006013	.000217	.0030525	.000816	.0015479	.0009170
%RSD	34.15881	.9257842	50.13980	316.8117	130.2502	22.30975	.8206034

#1	.0022993	.0643524	-.000251	.0002685	.000316	.0051669	.1127415
#2	.0011932	.0649514	-.000672	.0043036	-.001081	.0076158	.1115603
#3	.0024065	.0655551	-.000374	-.001682	-.001115	.0080313	.1109359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001303	-.000191	7.500208	-.000130	-.000281	.0048955	.0121307
Stddev	.0000498	.000047	.115898	.000065	.000200	.0010983	.0063621
%RSD	38.22443	24.66845	1.545264	50.29264	70.99018	22.43435	52.44585

#1	.0001252	-.000198	7.618253	-.000165	-.000064	.0037232	.0110840
#2	.0001824	-.000141	7.495789	-.000054	-.000457	.0050626	.0189512
#3	.0000832	-.000234	7.386583	-.000170	-.000324	.0059006	.0063569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054249	1.634328	.0004397	.0007766	6.881895	.0029770	.0052849
Stddev	.0002465	.045983	.0001462	.0002634	.137592	.0037400	.0112120
%RSD	4.544463	2.813555	33.24633	33.92141	1.999327	125.6294	212.1519

#1	.0053998	1.685421	.0005531	.0006752	7.039495	.0042433	.0128196
#2	.0056830	1.621294	.0004913	.0005789	6.820504	-.001232	-.007600
#3	.0051918	1.596270	.0002747	.0010756	6.785685	.005919	.010635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7903069	.0140352	.0105485	.0020726	1.723930	6.304217	-.000373
Stddev	.0310099	.0007491	.0005059	.0000847	.015411	.076750	.000966
%RSD	3.923774	5.337480	4.795735	4.087955	.8939733	1.217438	258.8539

#1	.7788262	.0146106	.0108746	.0021532	1.741525	6.384469	-.000047
#2	.8254200	.0131881	.0099657	.0020805	1.717440	6.296654	.000387
#3	.7666746	.0143068	.0108051	.0019843	1.712825	6.231528	-.001460

Sample Name: I2761-02A Acquired: 4/27/2017 18:05:38 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0PQ6A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000078	-.001232	.0347655
Stddev	.000984	.000225	.0004578
%RSD	1258.175	18.28450	1.316727

#1	.000914	-.000975	.0351639
#2	-.000096	-.001393	.0348670
#3	-.001053	-.001329	.0342655

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.950	2257.384	63549.12	6885.950	4355.461
Stddev	17.282	18.210	266.28	80.984	41.204
%RSD	.8381186	.8066818	.4190127	1.176075	.9460199

#1	2074.097	2237.123	63835.69	6798.925	4310.375
#2	2042.166	2272.385	63309.34	6899.825	4391.164
#3	2069.588	2262.644	63502.32	6959.100	4364.844

Sample Name: I2759-17DL2X50 Acquired: 4/27/2017 18:12:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7403458	.0135914	16.95424	.0157127	.1951666	1.319090	.0292697
Stddev	.0028063	.0014080	.05186	.0027803	.0020139	.004182	.0006698
%RSD	.3790457	10.35928	.3058638	17.69424	1.031910	.3170355	2.288388

#1	.7400134	.0142039	16.94206	.0155893	.1940995	1.323885	.0287489
#2	.7377206	.0119809	16.90956	.0129963	.1939109	1.317189	.0290349
#3	.7433035	.0145893	17.01110	.0185526	.1974896	1.316197	.0300253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002873	.2652164	5.062745	-.004132	.0138072	2.783427	11.37747
Stddev	.0000396	.0009804	.024312	.000124	.0002844	.012415	.07305
%RSD	13.79871	.3696437	.4802233	3.010164	2.059676	.4460372	.6420885

#1	.0003054	.2646976	5.087586	-.004014	.0140791	2.784851	11.34988
#2	.0003145	.2646044	5.038998	-.004121	.0135118	2.770360	11.32224
#3	.0002418	.2663471	5.061652	-.004262	.0138306	2.795068	11.46031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4631989	.5194565	.0300921	.0545372	-.257953	.0036553	6.833026
Stddev	.0018954	.0601370	.0001876	.0004693	.132663	.0029960	.140548
%RSD	.4091913	11.57691	.6233329	.8605941	51.42929	81.96322	2.056891

#1	.4633896	.5244622	.0300056	.0539983	-.109033	.0025660	6.687257
#2	.4612153	.5769343	.0303073	.0548564	-.363506	.0070435	6.844125
#3	.4649916	.4569731	.0299634	.0547568	-.301319	.0013564	6.967695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2664584	.0709800	-.025936	.0036908	7.083550	.2290543	.0500734
Stddev	.0225126	.0029413	.001598	.0000678	.022929	.0016156	.0013323
%RSD	8.448815	4.143829	6.161285	1.836259	.3236942	.7053265	2.660662

#1	.2668481	.0719073	-.027614	.0036166	7.086391	.2304726	.0486656
#2	.2887736	.0676867	-.025763	.0037064	7.059333	.2272957	.0502400
#3	.2437535	.0733458	-.024432	.0037495	7.104926	.2293946	.0513145

Sample Name: I2759-17DL2X50 Acquired: 4/27/2017 18:12:57 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F64 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0362159	.0015123	.0552428
Stddev	.0011191	.0012142	.0002200
%RSD	3.090206	80.28755	.3983224

#1	.0373118	.0005071	.0553293
#2	.0362609	.0028613	.0549926
#3	.0350749	.0011684	.0554063

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.126	2145.939	60714.79	6361.467	4086.424
Stddev	22.135	7.612	555.00	37.746	9.616
%RSD	1.142100	.3547144	.9141023	.5933571	.2353052

#1	1962.914	2137.370	61322.30	6324.675	4075.321
#2	1931.129	2148.529	60587.70	6400.100	4092.008
#3	1920.334	2151.918	60234.36	6359.625	4091.943

Sample Name: I2836-01A Acquired: 4/27/2017 18:16:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CEM-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322963	-.018130	.1842704	.0157065	.0074043	98.62732	.7550479
Stddev	.0028688	.002555	.0018175	.0014298	.0007854	.19535	.0039058
%RSD	8.882867	14.09472	.9863038	9.102981	10.60757	.1980711	.5172927

#1	.0291454	-.015610	.1847408	.0167742	.0071868	98.65529	.7571549
#2	.0347571	-.018061	.1858064	.0140821	.0067506	98.80718	.7574478
#3	.0329864	-.020720	.1822640	.0162632	.0082756	98.41949	.7505411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084520	.0088288	19.41687	.2714533	.0911325	.2384033	238.0207
Stddev	.0000629	.0001388	.07983	.0020498	.0003295	.0025683	.9265
%RSD	.7447813	1.572646	.4111142	.7551355	.3615157	1.077304	.3892593

#1	.0083938	.0089247	19.41167	.2705742	.0914222	.2404597	238.4849
#2	.0084435	.0088922	19.49917	.2699897	.0907741	.2392257	238.6235
#3	.0085188	.0086696	19.33977	.2737961	.0912012	.2355245	236.9539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119369	32.81306	.1812473	-.009876	1.727709	.2641082	.5077340
Stddev	.027371	.14562	.0004676	.000428	.063809	.0057545	.0041541
%RSD	.5346530	.4437968	.2579605	4.337950	3.693268	2.178836	.8181697

#1	5.124033	32.84919	.1813293	-.009821	1.796122	.2707508	.5103191
#2	5.144109	32.93722	.1816684	-.009478	1.717197	.2606396	.5099406
#3	5.089966	32.65277	.1807441	-.010330	1.669809	.2609344	.5029422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.693306	3.651395	-.595324	.0015745	.6768524	2.278060	.0146803
Stddev	.025141	.013861	.004497	.0001723	.0070894	.009820	.0006244
%RSD	.2891953	.3796048	.7554030	10.94298	1.047414	.4310662	4.253606

#1	8.665554	3.665215	-.596773	.0014776	.6698791	2.268444	.0139683
#2	8.714560	3.651479	-.590281	.0014725	.6840525	2.288072	.0151351
#3	8.699803	3.637493	-.598918	.0017734	.6766255	2.277665	.0149376

Sample Name: I2836-01A Acquired: 4/27/2017 18:16:59 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CEM-BF001-01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.610506	.1911052	.1349837
Stddev	.006468	.0005594	.0002560
%RSD	.4016161	.2927322	.1896428

#1	1.612689	.1917019	.1349006
#2	1.615600	.1910212	.1352709
#3	1.603229	.1905925	.1347796

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.988	2239.987	63883.63	7119.067	3589.746
Stddev	10.024	1.154	313.36	19.333	1.342
%RSD	.4933004	.0515346	.4905218	.2715621	.0373740

#1	2021.071	2241.058	63690.79	7125.474	3590.333
#2	2040.776	2238.764	64245.21	7134.383	3588.211
#3	2034.118	2240.138	63714.91	7097.344	3590.695

Sample Name: CCV094 Acquired: 4/27/2017 18:21:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020856	4.973035	24.31390	4.887158	5.181010	405.1204
Stddev	.020759	.034785	.05947	.012979	.009639	4.0021
%RSD	.4134564	.6994633	.2445875	.2655653	.1860358	.9878719

#1	5.036002	4.992405	24.30547	4.894763	5.191687	406.8101
#2	5.029372	4.993822	24.37713	4.894538	5.172950	408.0006
#3	4.997193	4.932877	24.25909	4.872172	5.178394	400.5507

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13734	.4963224	2.456372	396.8963	15.11693	2.481534
Stddev	.11862	.0031979	.009700	3.2777	.02004	.005812
%RSD	1.170087	.6443203	.3948733	.8258237	.1325768	.2342294

#1	10.20178	.4974068	2.456982	399.3578	15.11510	2.483948
#2	10.20980	.4988370	2.465752	398.1553	15.09787	2.485751
#3	10.00046	.4927233	2.446381	393.1758	15.13783	2.474903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87064	384.0289	14.78593	385.6185	2.491976	1.226121
Stddev	.15925	3.4644	.14737	4.2992	.007124	.006228
%RSD	1.003453	.9021297	.9966987	1.114886	.2858973	.5079031

#1	15.94333	385.9328	14.89288	387.9870	2.493252	1.222371
#2	15.98057	386.1239	14.84709	388.2125	2.498376	1.222682
#3	15.68801	380.0300	14.61783	380.6559	2.484300	1.233309

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.4229	2.552362	14.87046	160.2133	5.454798	F 4.205710
Stddev	3.6633	.026478	.16723	1.5738	.029055	.031190
%RSD	.9013569	1.037405	1.124582	.9822869	.5326539	.7416074

#1	407.5703	2.558855	14.82854	160.9505	5.454994	4.217956
#2	409.3752	2.574989	14.72819	161.2832	5.483754	4.228919
#3	402.3232	2.523241	15.05467	158.4063	5.425644	4.170256

Sample Name: CCV094 Acquired: 4/27/2017 18:21:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900487	5.169791	4.911562	4.957220	5.272130	5.286550
Stddev	.009929	.032850	.030524	.026908	.041424	.051773
%RSD	.2026203	.6354192	.6214684	.5427972	.7857240	.9793435

#1	4.911920	5.170215	4.922021	4.960603	5.297147	5.308061
#2	4.895521	5.202427	4.935481	4.982277	5.294928	5.324100
#3	4.894021	5.136731	4.877183	4.928781	5.224314	5.227489

Elem	Sr4077
Units	ppm
Avg	5.291638
Stddev	.052809
%RSD	.9979760

#1	5.311899
#2	5.331317
#3	5.231699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.446	1698.457	49875.71	5916.371	2702.244
Stddev	11.563	3.826	96.20	53.929	3.348
%RSD	.7467460	.2252702	.1928727	.9115241	.1239026

#1	1543.390	1694.834	49797.59	5882.172	2699.992
#2	1561.675	1702.459	49983.16	5888.401	2700.648
#3	1540.271	1698.079	49846.39	5978.539	2706.092

Sample Name: CCB094 Acquired: 4/27/2017 18:24:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000678	.0004131	-.003916	-.000013	-.000386	.0066236	-.002820
Stddev	.000816	.0005241	.000539	.002315	.000340	.0095256	.000270
%RSD	120.4876	126.8892	13.76631	17594.89	88.15190	143.8134	9.577974

#1	-.001570	.0004962	-.003294	.002182	-.000338	.0042690	-.003130
#2	-.000493	-.000148	-.004203	-.002431	-.000748	.0171057	-.002636
#3	.000031	.000891	-.004250	.000209	-.000072	-.001504	-.002694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000563	-.000180	.0195906	-.000053	.0000826	.0011551	.0057287
Stddev	.0000501	.000072	.0089140	.000433	.0000178	.0009859	.0102803
%RSD	88.99938	39.94205	45.50145	814.9579	21.52228	85.34929	179.4518

#1	.0000248	-.000185	.0242517	.000297	.0000932	.0005301	.0046376
#2	.0001140	-.000105	.0093124	.000081	.0000621	.0006436	-.003963
#3	.0000300	-.000248	.0252077	-.000538	.0000926	.0022916	.016511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008802	-.040511	-.000146	.0005745	-.126600	.0002387	-.001014
Stddev	.0003116	.050910	.000446	.0000252	.056518	.0031543	.018442
%RSD	35.39464	125.6702	305.9821	4.388223	44.64270	1321.424	1818.619

#1	.0011140	-.004625	.000364	.0005721	-.062348	.0037684	-.014047
#2	.0005265	-.098777	-.000466	.0006008	-.148826	-.000748	.020088
#3	.0010002	-.018131	-.000335	.0005505	-.168626	-.002304	-.009083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509284	.0003045	.0040791	-.000048	-.005335	-.003297	.0001700
Stddev	.0080369	.0011018	.0016357	.000108	.002596	.001540	.0004305
%RSD	15.78071	361.8929	40.10018	225.8791	48.65456	46.70314	253.2337

#1	.0600520	-.000076	.0052721	.000019	-.006263	-.004022	.0003541
#2	.0478366	.001546	.0022145	-.000172	-.002403	-.001528	.0004778
#3	.0448966	-.000557	.0047508	.000010	-.007340	-.004340	-.000322

Sample Name: CCB094 Acquired: 4/27/2017 18:24:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v895) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000133	-.000190	.0000796
Stddev	.001250	.000323	.0000093
%RSD	940.8326	170.1584	11.72335

#1	-.000883	.000139	.0000722
#2	-.000825	-.000202	.0000901
#3	.001310	-.000507	.0000764

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.619	2172.138	60016.34	6332.750	4213.205
Stddev	9.749	15.409	315.22	33.702	31.064
%RSD	.5057415	.7093968	.5252305	.5321916	.7373053

#1	1929.748	2157.351	60249.60	6297.175	4184.873
#2	1916.982	2170.960	59657.72	6336.875	4208.320
#3	1936.128	2188.102	60141.69	6364.200	4246.423