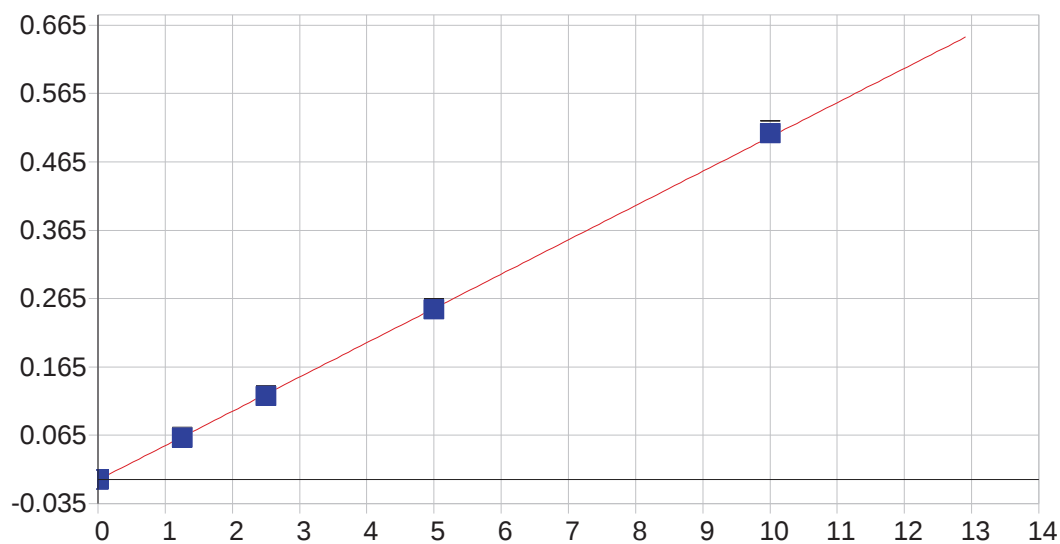




As 189.042 {479}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000240

Re-Slope: 1.000000

A1 (Gain): 0.050168

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999915

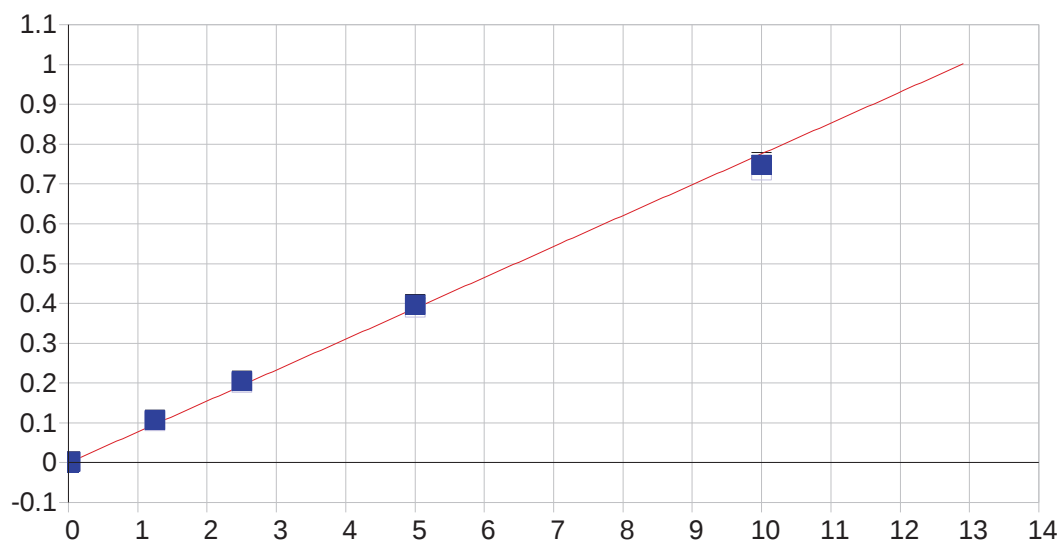
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.002715

Predicted MQL: 0.009051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.01172	.002	17.2	.00035	.000	1
S2	1.2500	1.2307	-.019	-1.55	.06148	.000	1
S3	2.5000	2.4403	-.060	-2.39	.12215	.001	1
S4	5.0000	4.9747	-.025	-.505	.24926	.001	1
S5	10.000	10.103	.103	1.03	.50644	.004	1



TI 190.856 {477}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000171

Re-Slope: 1.000000

A1 (Gain): 0.077581

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999045

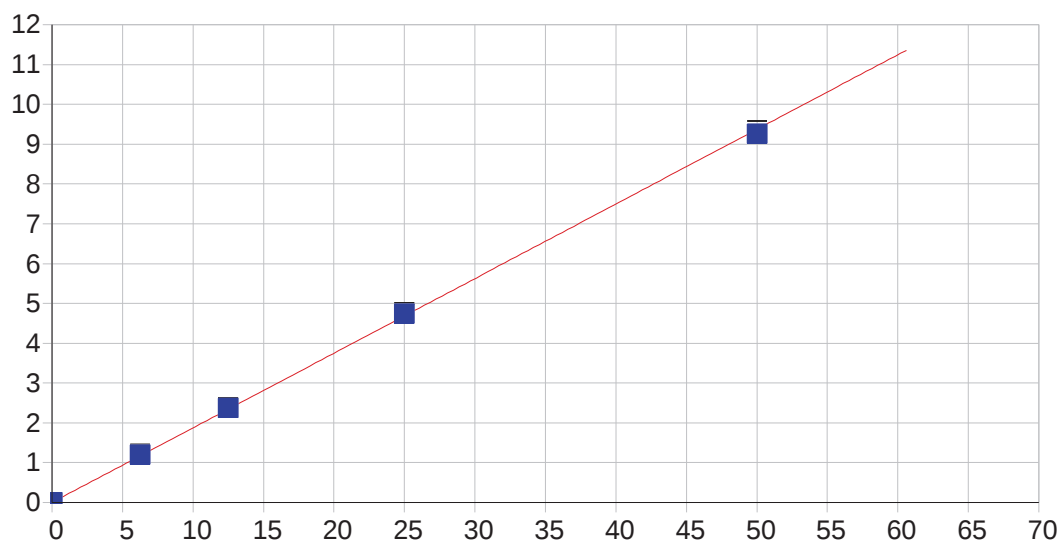
Status: OK.

Std Error of Est: 0.000088

Predicted MDL: 0.001400

Predicted MQL: 0.004667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00017	.000	1
S1	.02500	.02801	.003	12.0	.00184	.000	1
S2	1.2500	1.3705	.121	9.64	.10439	.000	1
S3	2.5000	2.6334	.133	5.34	.20061	.000	1
S4	5.0000	5.1070	.107	2.14	.38898	.001	1
S5	10.000	9.6363	-.364	-3.64	.73332	.007	1

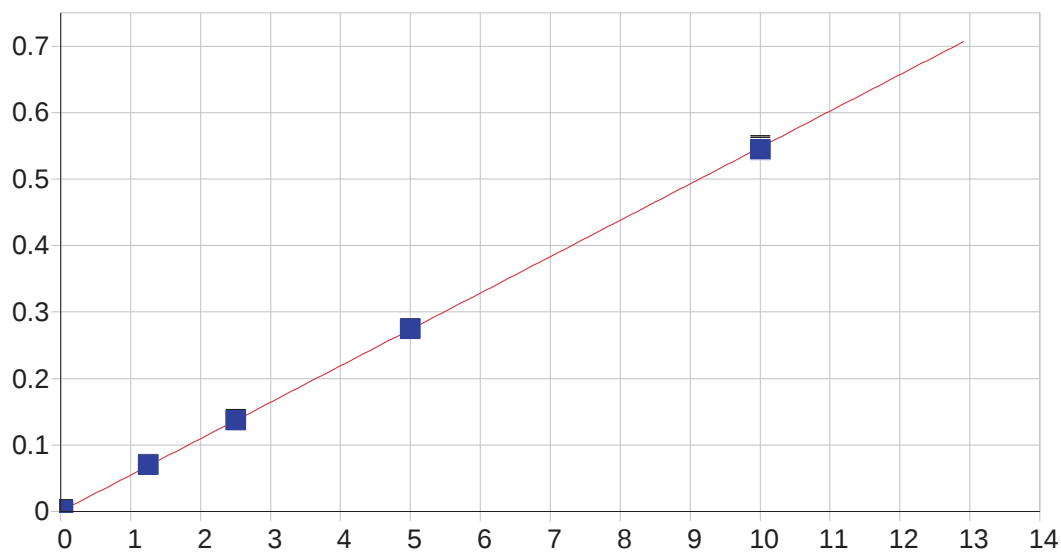


Pb 220.353 {453}

Date of Fit: 5/31/2017 04:15:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000322 Re-Slope: 1.000000
 A1 (Gain): 0.187437 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.001225
 Predicted MQL: 0.004083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.01000	.00952	.000	-4.79	.00210	.000	1
S2	6.2500	6.4264	.176	2.82	1.2052	.006	1
S3	12.500	12.651	.151	1.20	2.3722	.007	1
S4	25.000	25.290	.290	1.16	4.7420	.021	1
S5	50.000	49.383	-.617	-1.23	9.2593	.076	1



Se 196.090 {472}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000160

Re-Slope: 1.000000

A1 (Gain): 0.054737

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

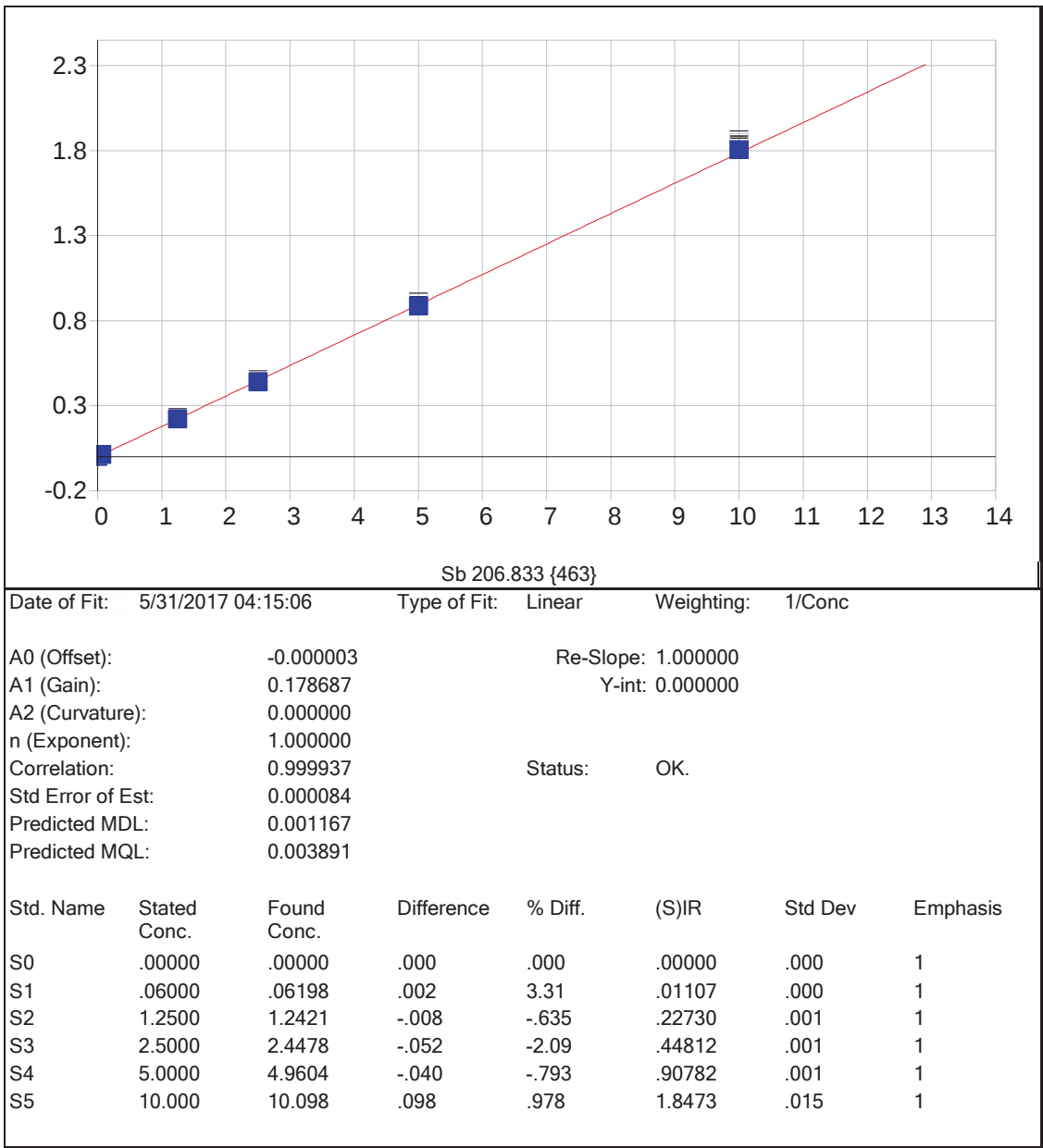
Status: OK.

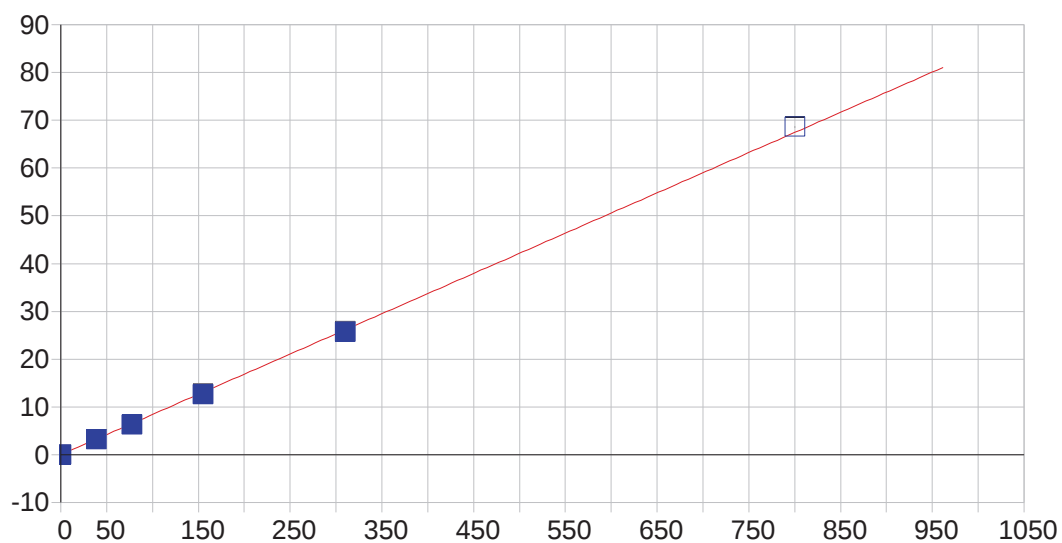
Std Error of Est: 0.000013

Predicted MDL: 0.002769

Predicted MQL: 0.009229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.03500	.03412	-.001	-2.53	.00203	.000	1
S2	1.2500	1.2795	.029	2.36	.06994	.000	1
S3	2.5000	2.5068	.007	.271	.13687	.001	1
S4	5.0000	5.0130	.013	.261	.27355	.000	1
S5	10.000	9.9516	-.048	-.484	.54286	.005	1





AI 396.152 { 85}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000238

Re-Slope: 1.000000

A1 (Gain): 0.084302

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999773

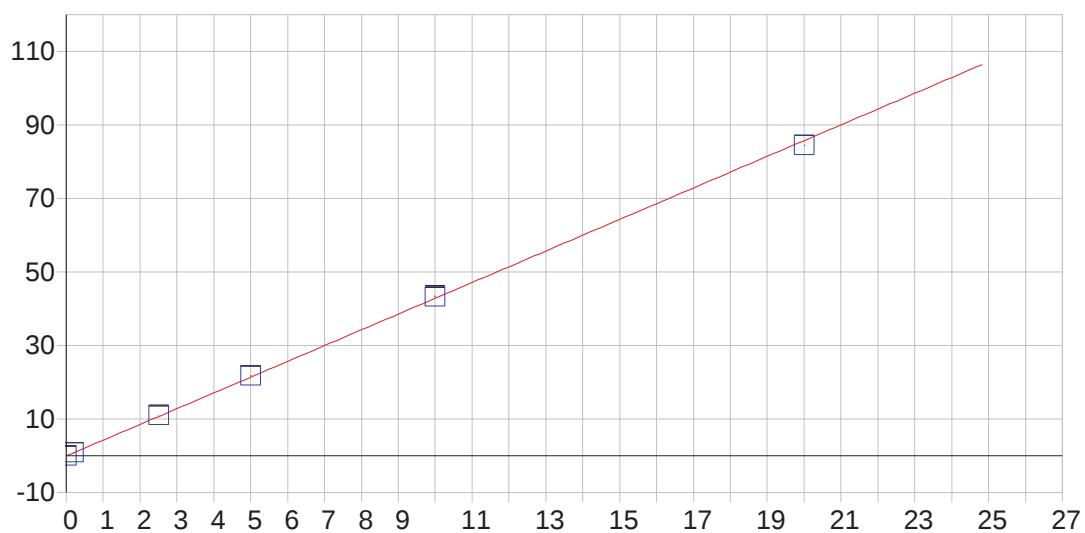
Status: OK.

Std Error of Est: 0.001117

Predicted MDL: 0.008101

Predicted MQL: 0.027003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00024	.000	1
S1	.20000	.19692	-.003	-1.54	.01687	.000	1
S2	38.750	37.638	-1.11	-2.87	3.1771	.007	1
S3	77.500	74.524	-2.98	-3.84	6.2906	.005	1
S4	155.00	150.19	-4.81	-3.10	12.678	.026	1
S5	310.00	304.86	-5.14	-1.66	25.732	.063	1
S6	800.00	814.06	14.1	1.76	68.627	.074	1



Ba 493.409 { 68}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.066879

Re-Slope: 1.000000

A1 (Gain): 4.290385

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999862

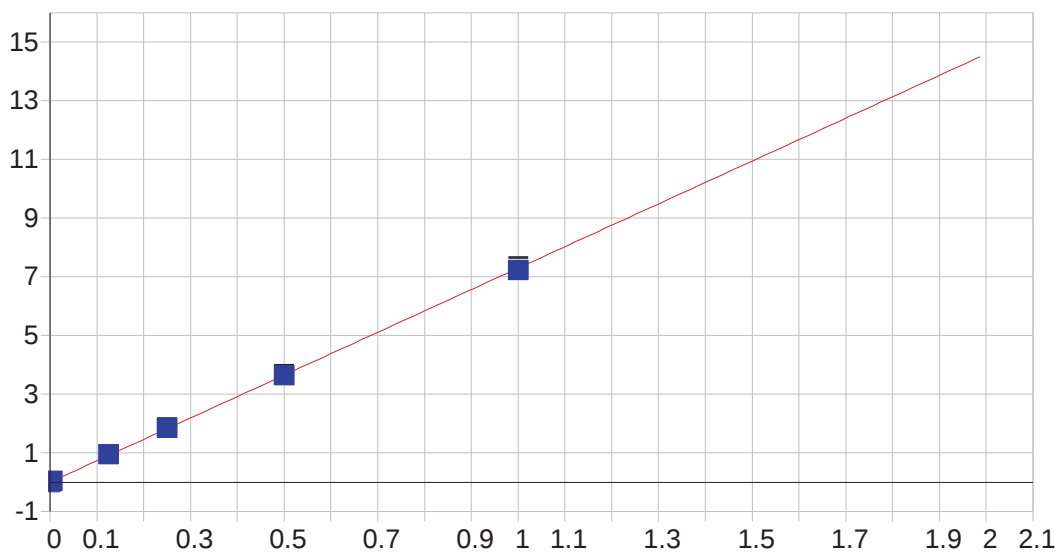
Status: OK.

Std Error of Est: 0.007585

Predicted MDL: 0.000684

Predicted MQL: 0.002281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.06696	.003	1
S1	.20000	.21036	.010	5.18	.83563	.004	1
S2	2.5000	2.5824	.082	3.30	11.013	.044	1
S3	5.0000	5.0874	.087	1.75	21.760	.032	1
S4	10.000	10.114	.114	1.14	43.328	.187	1
S5	20.000	19.705	-.295	-1.47	84.477	.042	1



Be 234.861 {144}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002688

Re-Slope: 1.000000

A1 (Gain): 7.300245

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

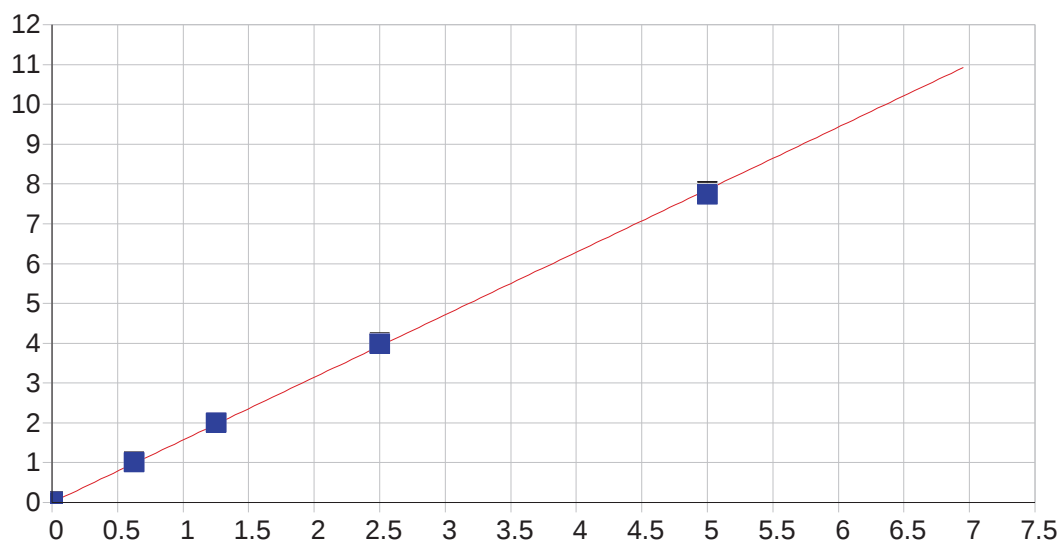
Status: OK.

Std Error of Est: 0.000373

Predicted MDL: 0.000070

Predicted MQL: 0.000232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00269	.000	1
S1	.00500	.00542	.000	8.47	.03688	.000	1
S2	.12500	.12981	.005	3.85	.94187	.001	1
S3	.25000	.25363	.004	1.45	1.8428	.002	1
S4	.50000	.49981	.000	-.037	3.6338	.026	1
S5	1.0000	.99132	-.009	-.868	7.2097	.098	1

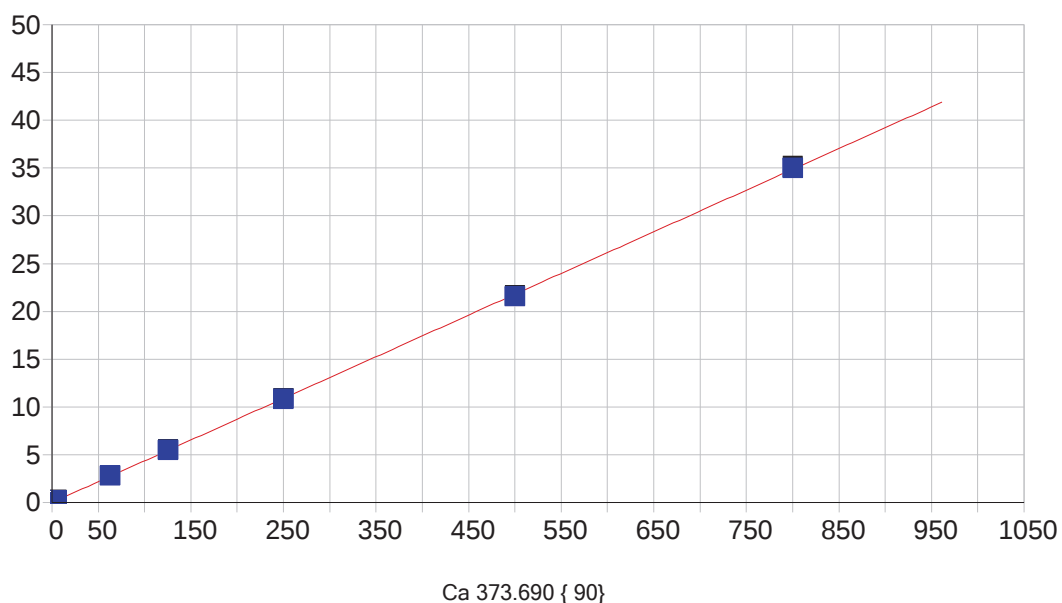


Cd 214.438 {457}

Date of Fit: 5/31/2017 04:15:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000161 Re-Slope: 1.000000
 A1 (Gain): 1.571393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000226
 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	.00016	.000	1
S1	.00500	.00514	.000	2.86	.00825	.000	1
S2	.62500	.64354	.019	2.97	1.0131	.007	1
S3	1.2500	1.2744	.024	1.95	2.0061	.003	1
S4	2.5000	2.5353	.035	1.41	3.9909	.016	1
S5	5.0000	4.9217	-.078	-1.57	7.7478	.070	1



Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001707

Re-Slope: 1.000000

A1 (Gain): 0.043577

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999963

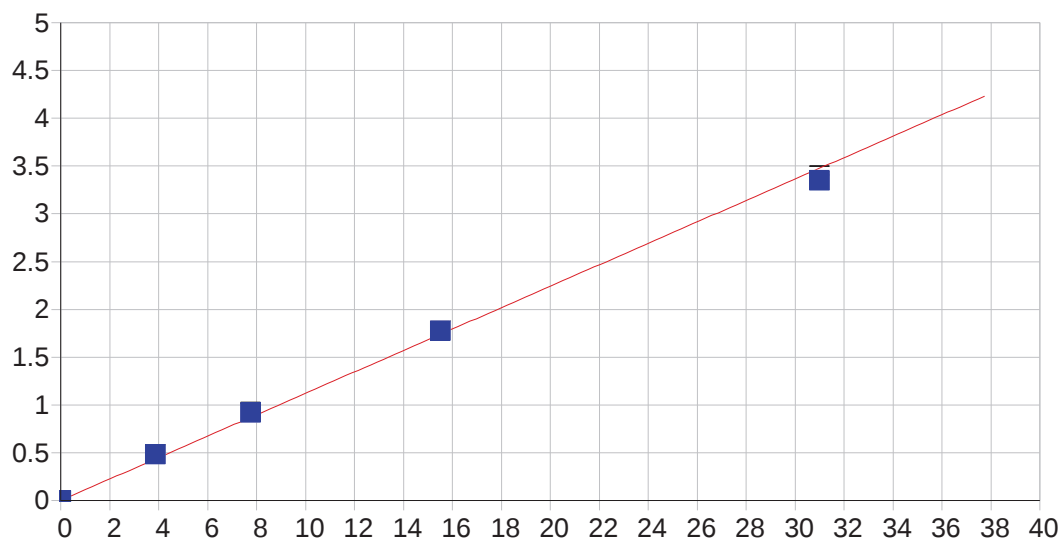
Status: OK.

Std Error of Est: 0.001311

Predicted MDL: 0.014424

Predicted MQL: 0.048080

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	.000	.000	.00169	.001	1
S1	5.0000	5.1940	.194	3.88	.22804	.001	1
S2	62.500	64.067	1.57	2.51	2.7902	.005	1
S3	125.00	125.77	.769	.615	5.4758	.009	1
S4	250.00	248.46	-1.54	-.618	10.815	.019	1
S5	500.00	495.06	-4.94	-.987	21.549	.071	1
S6	800.00	803.95	3.95	.494	34.965	.126	1



Cr 267.716 {126}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000026

Re-Slope: 1.000000

A1 (Gain): 0.112114

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998986

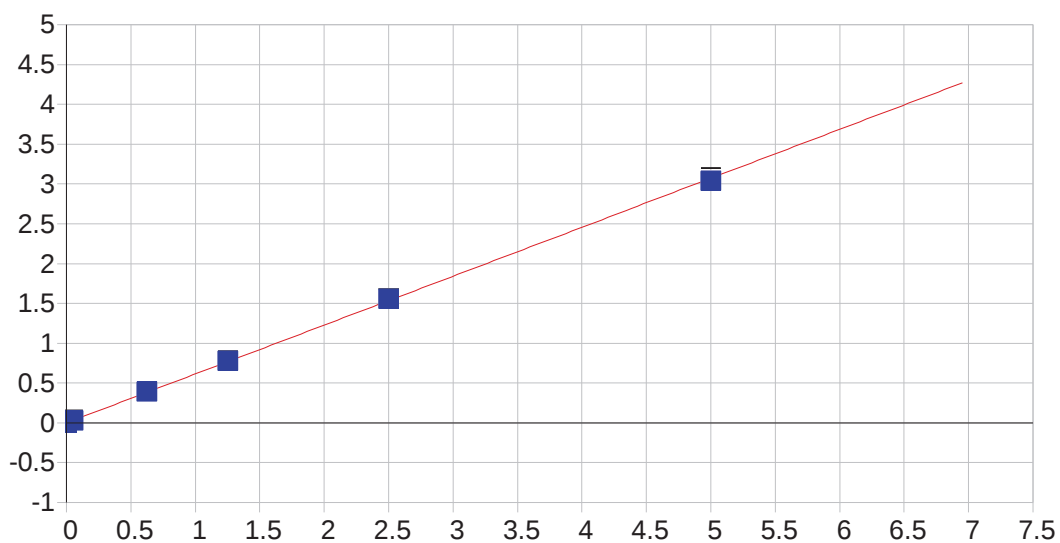
Status: OK.

Std Error of Est: 0.000150

Predicted MDL: 0.000447

Predicted MQL: 0.001490

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01199	.002	19.9	.00139	.000	1
S2	3.8750	4.2852	.410	10.6	.48158	.001	1
S3	7.7500	8.1851	.435	5.61	.91994	.002	1
S4	15.500	15.819	.319	2.06	1.7780	.004	1
S5	31.000	29.834	-1.17	-3.76	3.3538	.045	1



Co 228.616 {448}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000215

Re-Slope: 1.000000

A1 (Gain): 0.614201

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

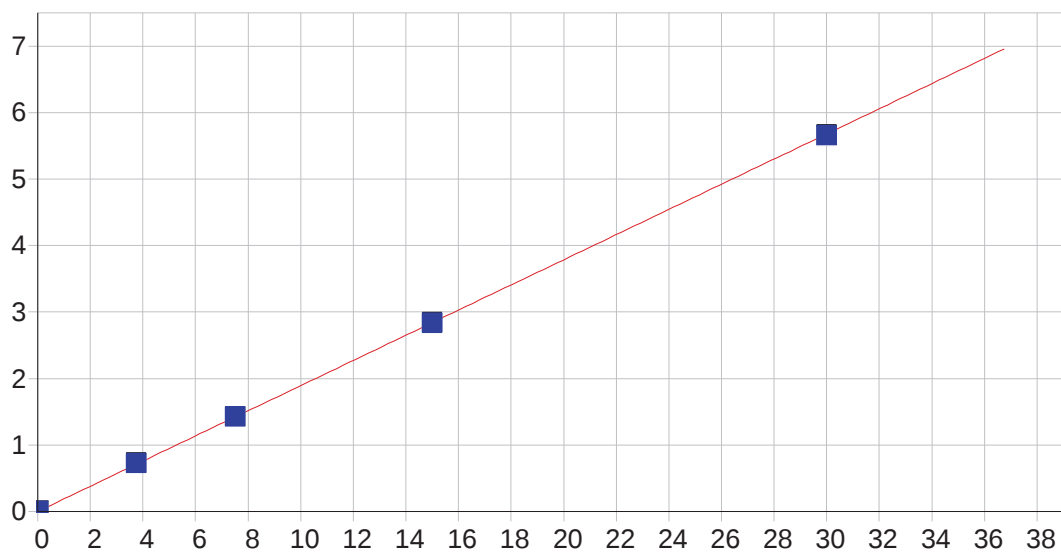
Status: OK.

Std Error of Est: 0.000184

Predicted MDL: 0.000236

Predicted MQL: 0.000787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04880	-.001	-2.40	.02987	.000	1
S2	.62500	.63563	.011	1.70	.39099	.003	1
S3	1.2500	1.2614	.011	.913	.77615	.001	1
S4	2.5000	2.5301	.030	1.20	1.5570	.004	1
S5	5.0000	4.9491	-.051	-1.02	3.0459	.029	1

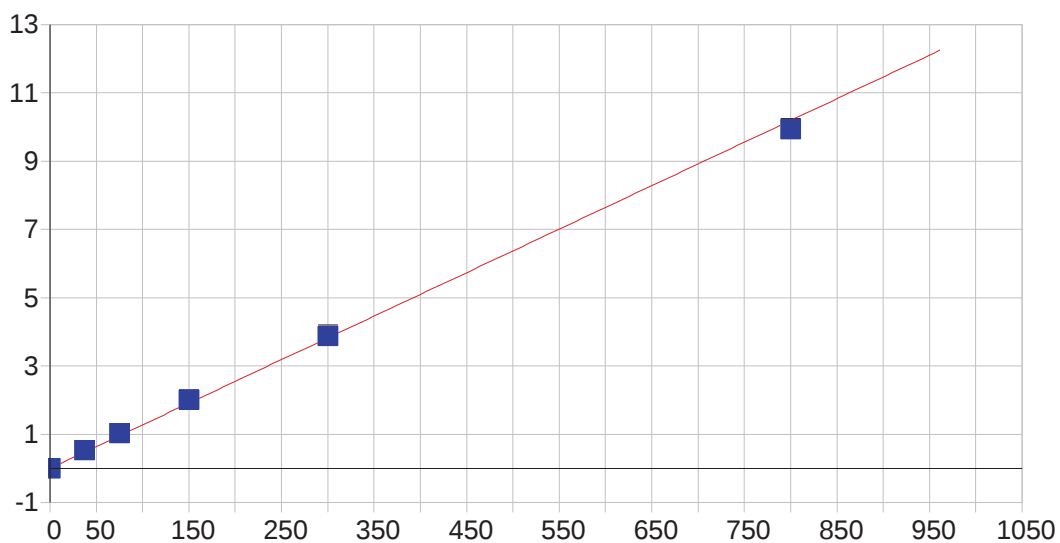


Cu 324.754 {104}

Date of Fit: 5/31/2017 04:15:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000864 Re-Slope: 1.000000
 A1 (Gain): 0.189269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.002186
 Predicted MQL: 0.007287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.02500	.02739	.002	9.57	.00602	.000	1
S2	3.7500	3.8404	.090	2.41	.72571	.003	1
S3	7.5000	7.5191	.019	.255	1.4200	.002	1
S4	15.000	14.984	-.016	-.110	2.8287	.010	1
S5	30.000	29.904	-.096	-.318	5.6446	.011	1



Fe 259.837 {130}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000144

Re-Slope: 1.000000

A1 (Gain): 0.012743

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999313

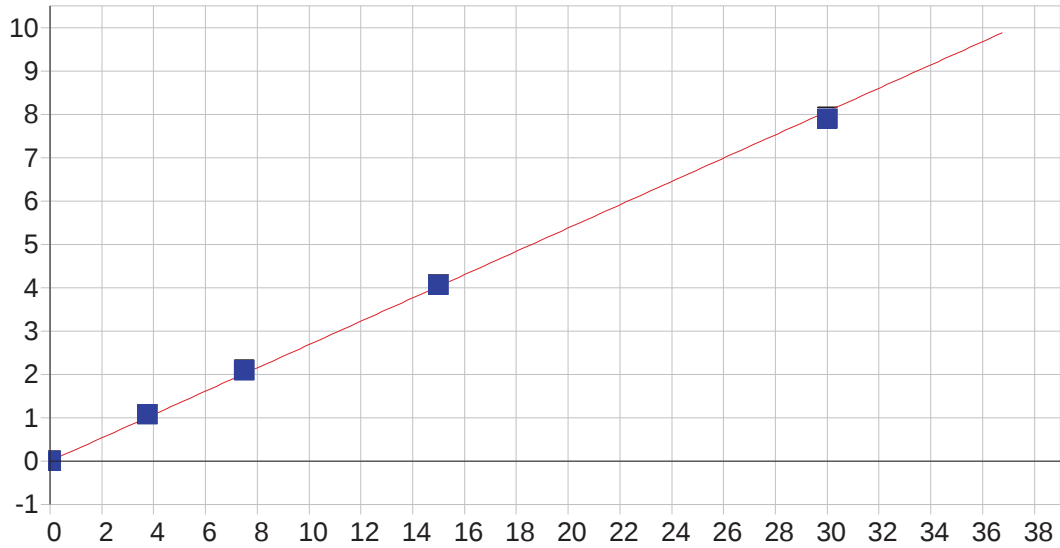
Status: OK.

Std Error of Est: 0.000206

Predicted MDL: 0.016820

Predicted MQL: 0.056065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00014	.000	1
S1	.10000	.11550	.016	15.5	.00162	.000	1
S2	37.500	41.581	4.08	10.9	.53059	.001	1
S3	75.000	80.890	5.89	7.85	1.0321	.001	1
S4	150.00	157.18	7.18	4.79	2.0054	.002	1
S5	300.00	304.12	4.12	1.37	3.8802	.027	1
S6	800.00	778.69	-21.3	-2.66	9.9283	.017	1



Mn 257.610 {131}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000003

Re-Slope: 1.000000

A1 (Gain): 0.268782

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999632

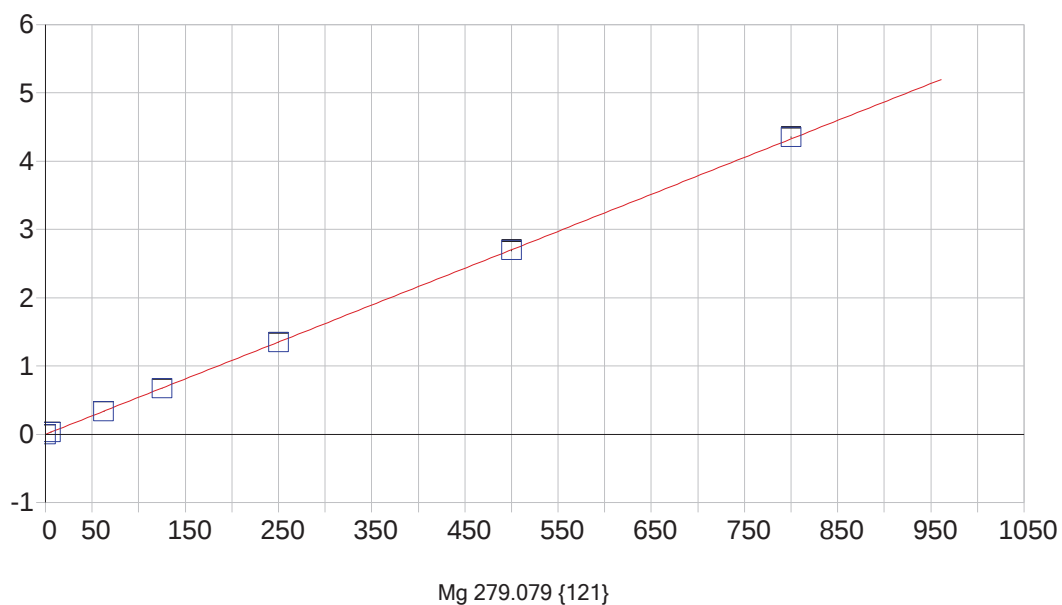
Status: OK.

Std Error of Est: 0.000259

Predicted MDL: 0.000893

Predicted MQL: 0.002976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01729	.002	15.2	.00465	.000	1
S2	3.7500	3.9969	.247	6.58	1.0745	.002	1
S3	7.5000	7.7800	.280	3.73	2.0916	.005	1
S4	15.000	15.110	.110	.731	4.0621	.008	1
S5	30.000	29.361	-.639	-2.13	7.8935	.042	1



Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000086

Re-Slope: 1.000000

A1 (Gain): 0.005407

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

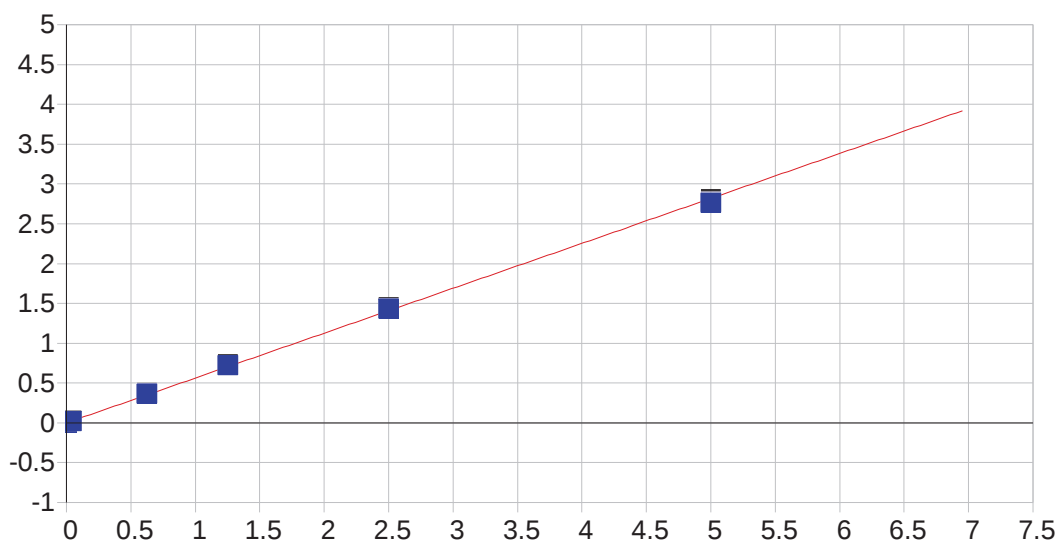
Status: OK.

Std Error of Est: 0.000115

Predicted MDL: 0.044838

Predicted MQL: 0.149459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	-.00009	.000	1
S1	5.0000	4.9574	-.043	-.851	.02672	.000	1
S2	62.500	61.936	-.564	-.903	.33481	.001	1
S3	125.00	123.67	-1.33	-1.06	.66864	.002	1
S4	250.00	248.36	-1.64	-.656	1.3429	.001	1
S5	500.00	498.61	-1.39	-.279	2.6960	.012	1
S6	800.00	804.97	4.97	.621	4.3526	.010	1



Ni 231.604 {446}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000605

Re-Slope: 1.000000

A1 (Gain): 0.563770

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999760

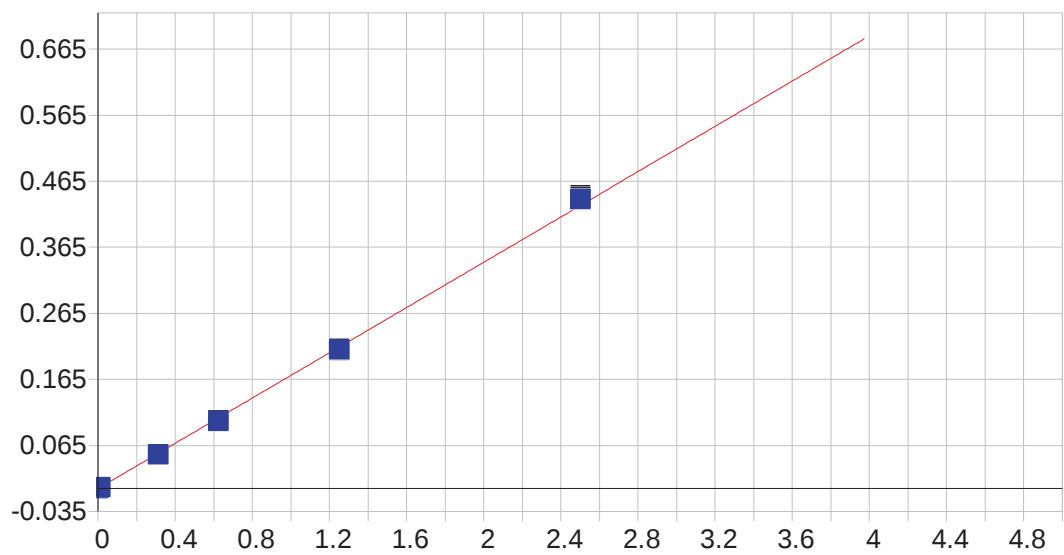
Status: OK.

Std Error of Est: 0.000295

Predicted MDL: 0.000337

Predicted MQL: 0.001124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.04000	.04108	.001	2.69	.02258	.000	1
S2	.62500	.65171	.027	4.27	.36867	.002	1
S3	1.2500	1.2803	.030	2.42	.72490	.003	1
S4	2.5000	2.5414	.041	1.66	1.4396	.006	1
S5	5.0000	4.9005	-.099	-1.99	2.7770	.028	1

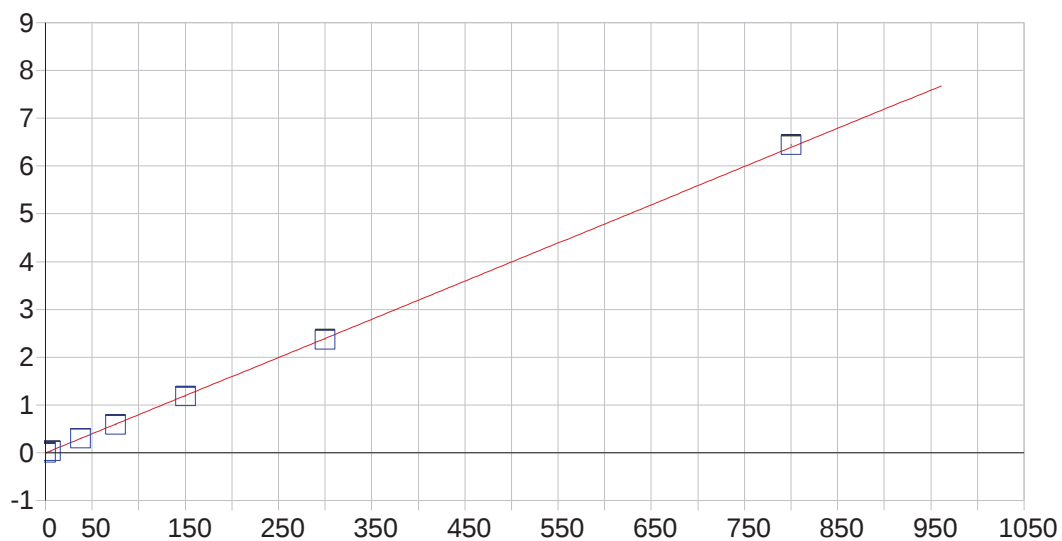


Ag 328.068 {103}

Date of Fit: 5/31/2017 04:15:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000426 Re-Slope: 1.000000
 A1 (Gain): 0.171424 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000405
 Predicted MQL: 0.001350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.01000	.01034	.000	3.40	.00134	.000	1
S2	.31250	.30012	-.012	-3.96	.05066	.000	1
S3	.62500	.59711	-.028	-4.46	.10120	.000	1
S4	1.2500	1.2284	-.022	-1.73	.20869	.001	1
S5	2.5000	2.5615	.062	2.46	.43576	.005	1



Na 818.326 { 41}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003775

Re-Slope: 1.000000

A1 (Gain): 0.007990

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

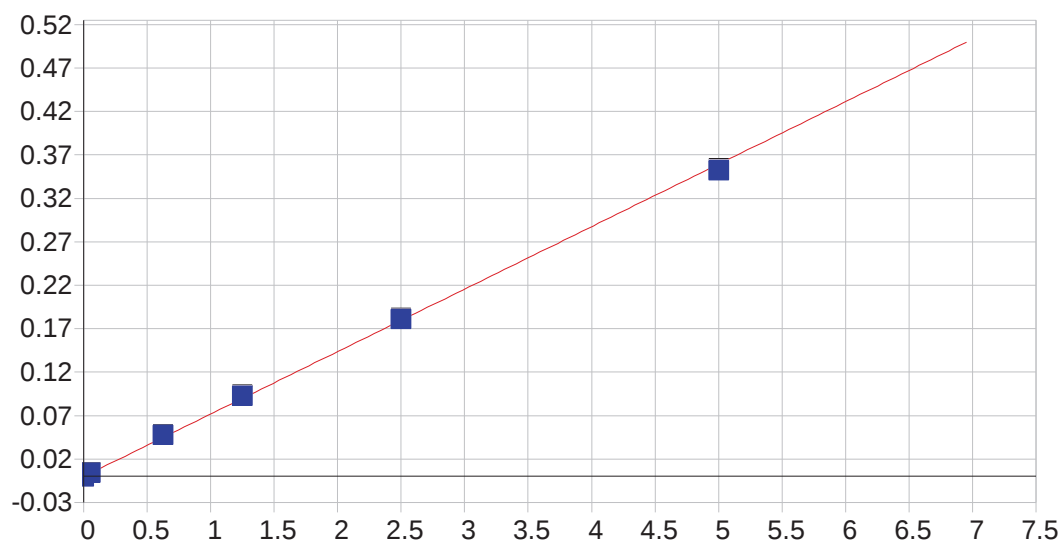
Status: OK.

Std Error of Est: 0.000253

Predicted MDL: 0.192616

Predicted MQL: 0.642052

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00032	.000	.000	-.00377	.001	1
S1	5.0000	4.8700	-.130	-2.60	.03514	.001	1
S2	37.500	37.340	-.160	-.428	.29457	.001	1
S3	75.000	73.729	-1.27	-1.69	.58533	.001	1
S4	150.00	147.86	-2.14	-1.43	1.1776	.005	1
S5	300.00	296.97	-3.03	-1.01	2.3691	.003	1
S6	800.00	806.73	6.73	.841	6.4421	.009	1



V 292.402 {115}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000157

Re-Slope: 1.000000

A1 (Gain): 0.071911

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999643

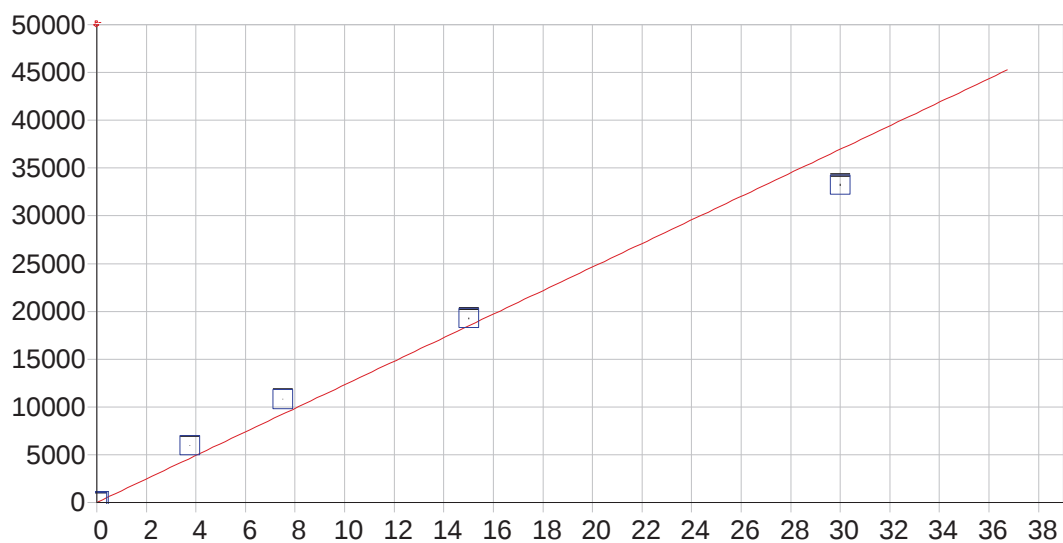
Status: OK.

Std Error of Est: 0.000051

Predicted MDL: 0.004310

Predicted MQL: 0.014366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00016	.000	1
S1	.05000	.05661	.007	13.2	.00392	.000	1
S2	.62500	.66236	.037	5.98	.04766	.000	1
S3	1.2500	1.2927	.043	3.42	.09318	.000	1
S4	2.5000	2.5161	.016	.645	.18152	.001	1
S5	5.0000	4.8972	-.103	-2.06	.35349	.001	1



Zn 206.200 {464}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 2.152057

Re-Slope: 1.000000

A1 (Gain): 1232.002143

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.992363

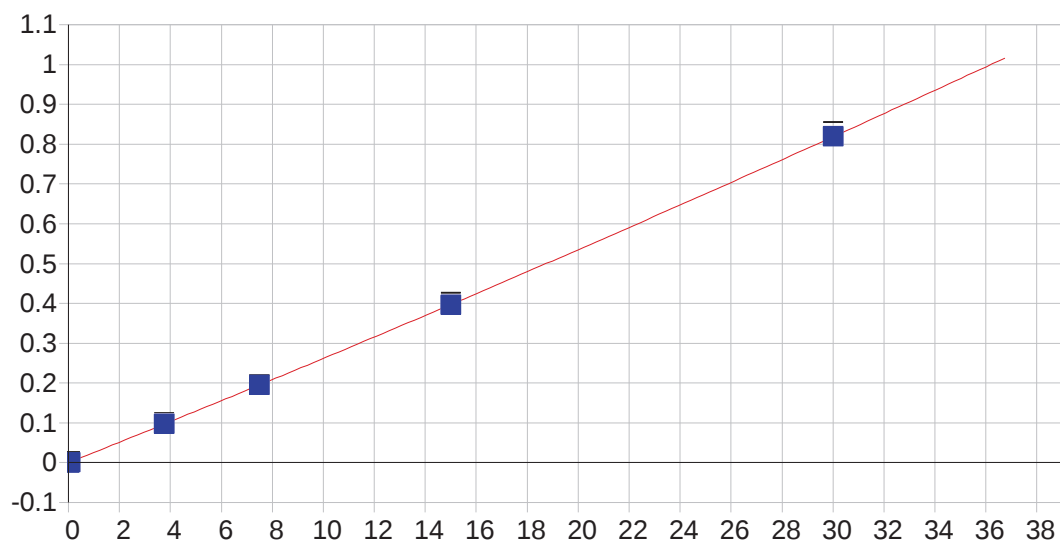
Status: OK.

Std Error of Est: 10.896340

Predicted MDL: 0.000402

Predicted MQL: 0.001340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	2.0886	.201	1
S1	.06000	.08756	.028	45.9	110.02	.325	1
S2	3.7500	4.8240	1.07	28.6	5945.3	27.7	1
S3	7.5000	8.7811	1.28	17.1	10821.	36.3	1
S4	15.000	15.637	.637	4.24	19267.	69.0	1
S5	30.000	26.981	-3.02	-10.1	33242.	110.	1

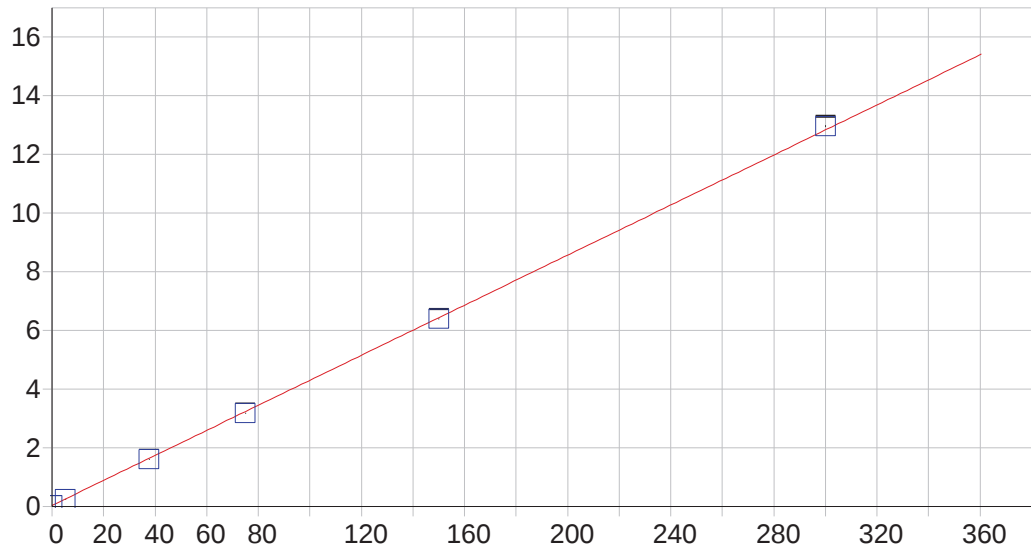


Zn 213.856 {158}

Date of Fit: 5/31/2017 04:15:06 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.025680 Y-int: 0.000000
 A2 (Curvature): 0.000054
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: Warning Positive Curvature
 Std Error of Est: 0.000008
 Predicted MDL: 0.017661
 Predicted MQL: 0.058871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.001	1
S1	.06000	.05498	-.005	-8.36	.00106	.001	1
S2	3.7500	3.7836	.034	.897	.09781	.002	1
S3	7.5000	7.4816	-.018	-.245	.19525	.000	1
S4	15.000	14.980	-.020	-.134	.39736	.006	1
S5	30.000	30.010	.010	.033	.82074	.011	1



K 769.896 { 44}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.035479

Re-Slope: 1.000000

A1 (Gain): 0.042673

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999931

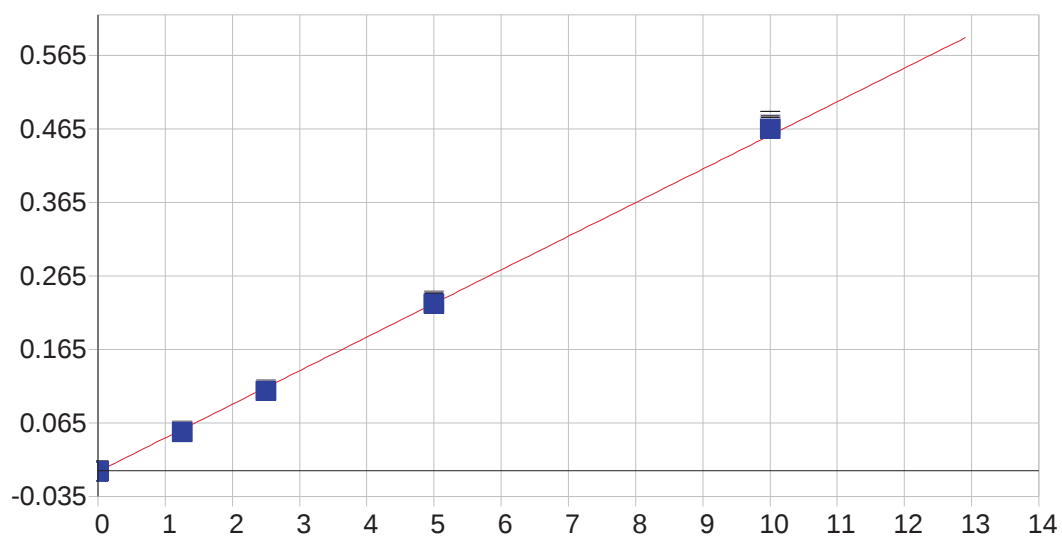
Status: OK.

Std Error of Est: 0.001033

Predicted MDL: 0.037987

Predicted MQL: 0.126622

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.03549	.000	1
S1	5.0000	4.8886	-.111	-2.23	.24409	.002	1
S2	37.500	36.769	-.731	-1.95	1.6046	.001	1
S3	75.000	73.652	-1.35	-1.80	3.1785	.007	1
S4	150.00	149.10	-.901	-.601	6.3981	.015	1
S5	300.00	303.09	3.09	1.03	12.969	.033	1



P 177.495 {490}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001111

Re-Slope: 1.000000

A1 (Gain): 0.045716

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999594

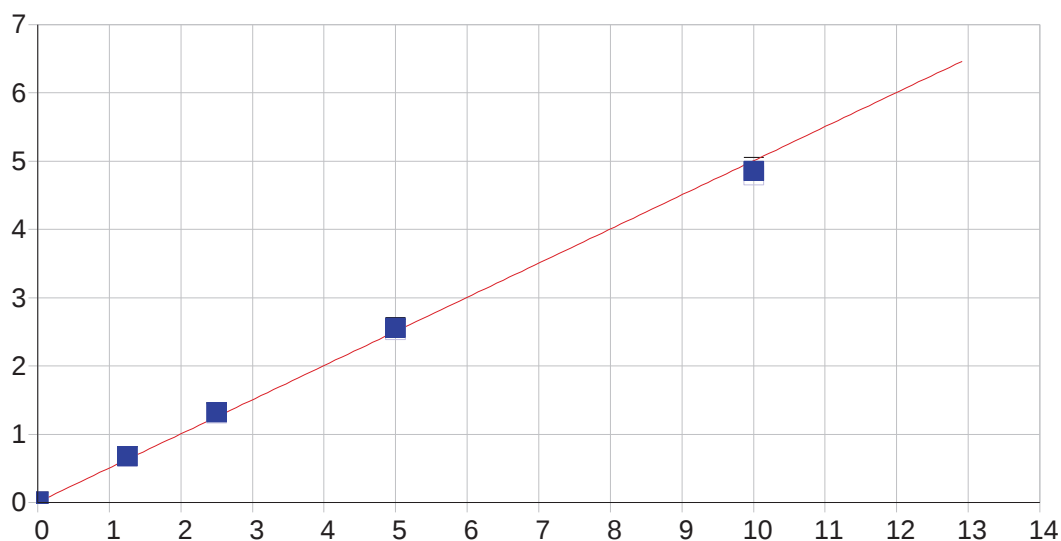
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.002039

Predicted MQL: 0.006796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00111	.000	1
S1	.01000	.01345	.003	34.5	-.00049	.000	1
S2	1.2500	1.1691	-.081	-6.47	.05308	.001	1
S3	2.5000	2.3857	-.114	-4.57	.10943	.000	1
S4	5.0000	4.9921	-.008	-.159	.23006	.001	1
S5	10.000	10.200	.200	2.00	.47108	.004	1



B 249.678 {135}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005138

Re-Slope: 1.000000

A1 (Gain): 0.500154

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999368

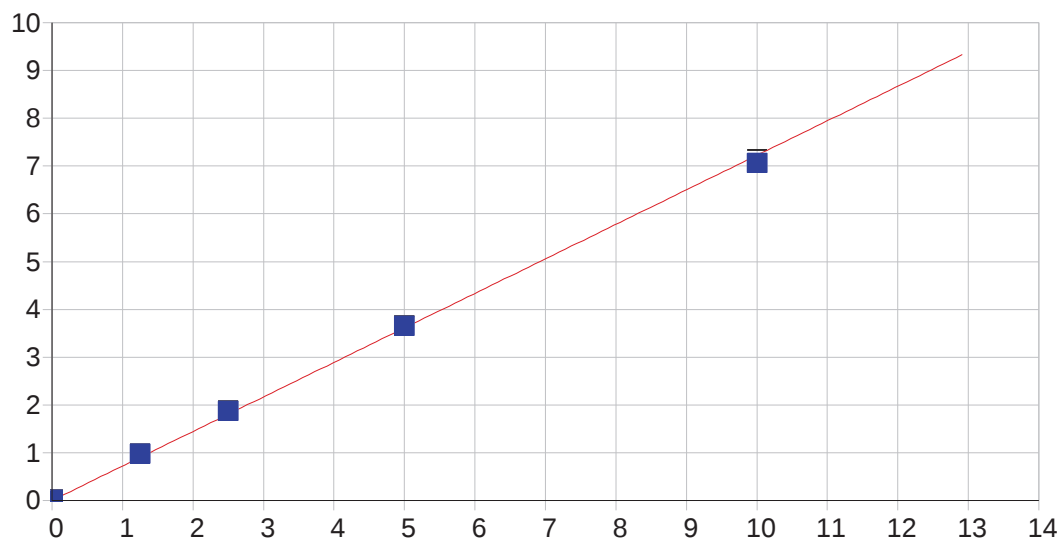
Status: OK.

Std Error of Est: 0.000295

Predicted MDL: 0.000976

Predicted MQL: 0.003253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00514	.001	1
S1	.01000	.00898	-.001	-10.2	.00964	.000	1
S2	1.2500	1.3386	.089	7.09	.66682	.002	1
S3	2.5000	2.6223	.122	4.89	1.3010	.001	1
S4	5.0000	5.0917	.092	1.83	2.5204	.015	1
S5	10.000	9.6984	-.302	-3.02	4.7932	.052	1



Mo 202.030 {467}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000415

Re-Slope: 1.000000

A1 (Gain): 0.722404

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999572

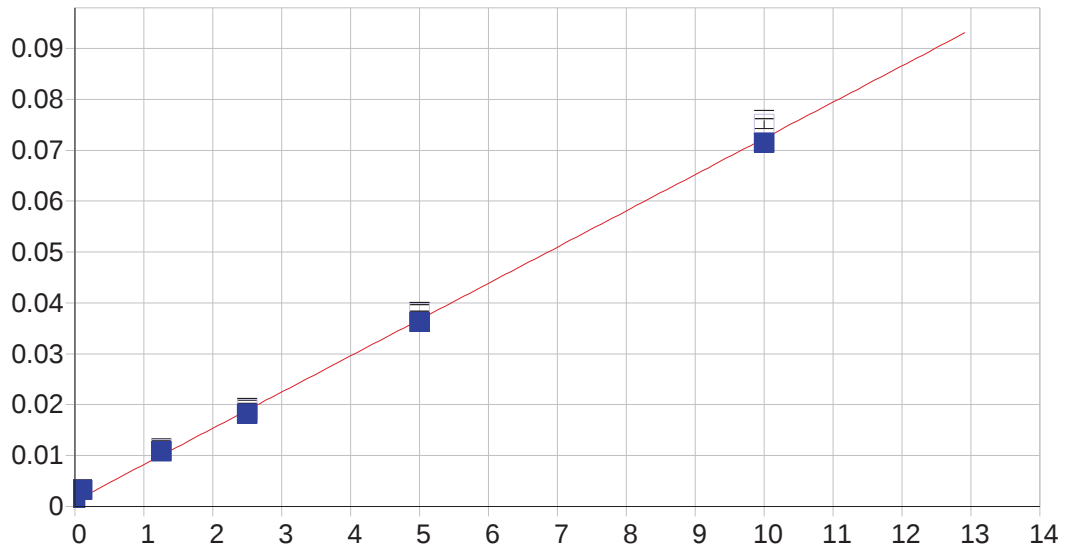
Status: OK.

Std Error of Est: 0.000355

Predicted MDL: 0.000262

Predicted MQL: 0.000874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.01139	.001	13.9	.00866	.000	1
S2	1.2500	1.3451	.095	7.61	.97295	.005	1
S3	2.5000	2.5852	.085	3.41	1.8696	.002	1
S4	5.0000	5.0486	.049	.972	3.6508	.007	1
S5	10.000	9.7697	-.230	-2.30	7.0646	.070	1



S 182.034 {485}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001111

Re-Slope: 1.000000

A1 (Gain): 0.007124

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.990159

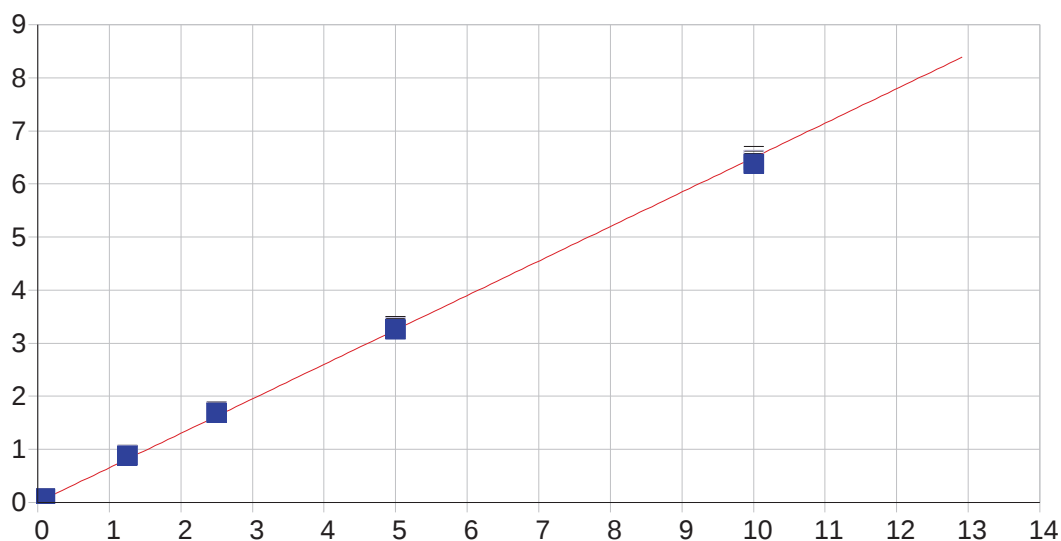
Status: OK.

Std Error of Est: 0.000056

Predicted MDL: 0.011792

Predicted MQL: 0.039306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	.000	.000	.00111	.000	1
S1	.10000	.30009	.200	200.	.00325	.000	1
S2	1.2500	1.3523	.102	8.19	.01120	.000	1
S3	2.5000	2.4019	-.098	-3.92	.01913	.000	1
S4	5.0000	4.9230	-.077	-1.54	.03799	.000	1
S5	10.000	9.8819	-.118	-1.18	.07513	.001	1



Si 251.611 {134}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005002

Re-Slope: 1.000000

A1 (Gain): 0.649058

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999651

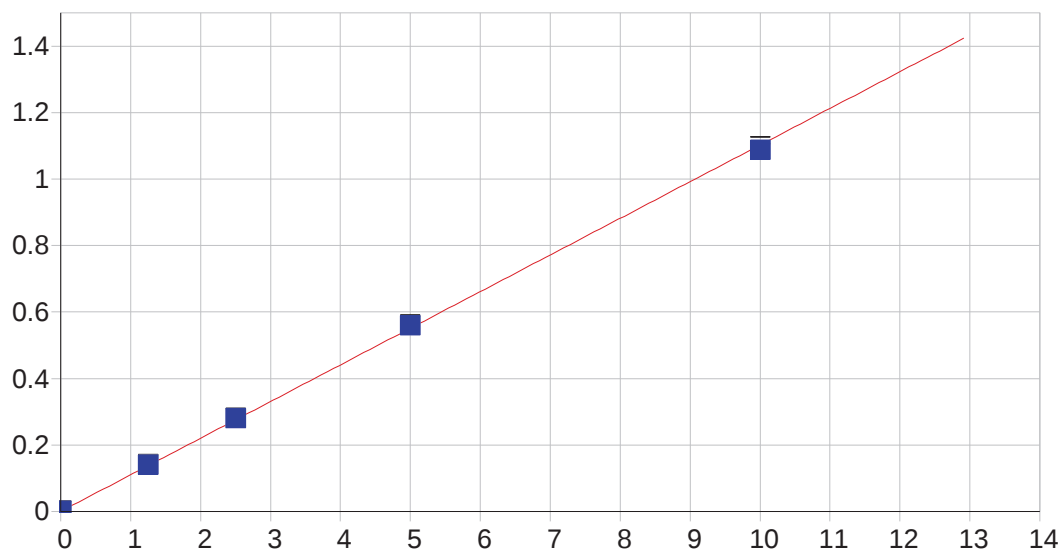
Status: OK.

Std Error of Est: 0.000923

Predicted MDL: 0.000891

Predicted MQL: 0.002970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00499	.001	1
S1	.10000	.10271	.003	2.71	.07190	.000	1
S2	1.2500	1.3430	.093	7.44	.88626	.000	1
S3	2.5000	2.5864	.086	3.46	1.7028	.003	1
S4	5.0000	5.0051	.005	.101	3.2918	.026	1
S5	10.000	9.8128	-.187	-1.87	6.4505	.068	1



Sn 189.989 {478}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000123

Re-Slope: 1.000000

A1 (Gain): 0.110227

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999893

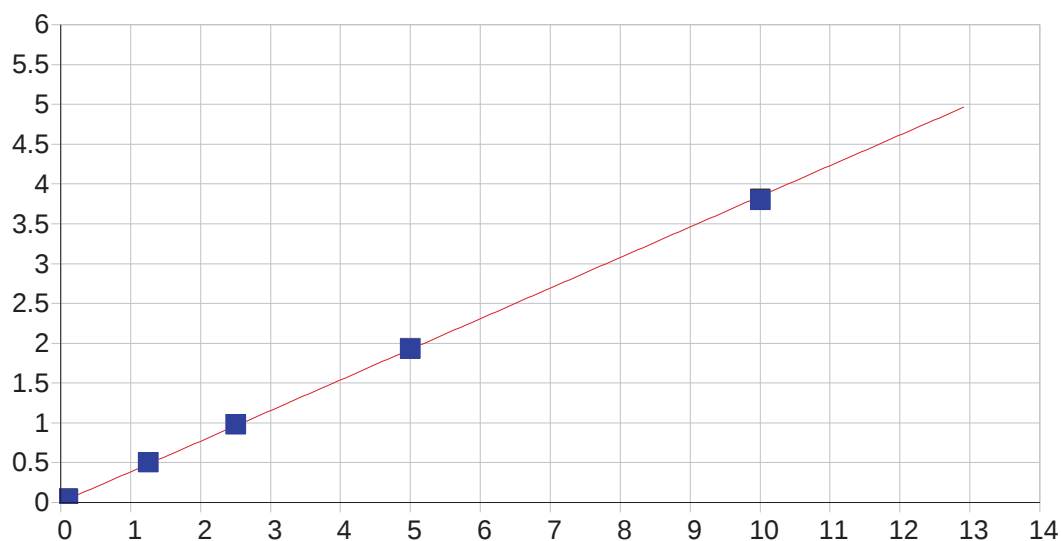
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.000862

Predicted MQL: 0.002874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00664	.000	-5.16	.00084	.000	1
S2	1.2500	1.2772	.027	2.17	.14080	.001	1
S3	2.5000	2.5366	.037	1.46	.27951	.001	1
S4	5.0000	5.0716	.072	1.43	.55871	.002	1
S5	10.000	9.8650	-.135	-1.35	1.0866	.011	1



Ti 336.121 {100}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001521

Re-Slope: 1.000000

A1 (Gain): 0.384361

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999862

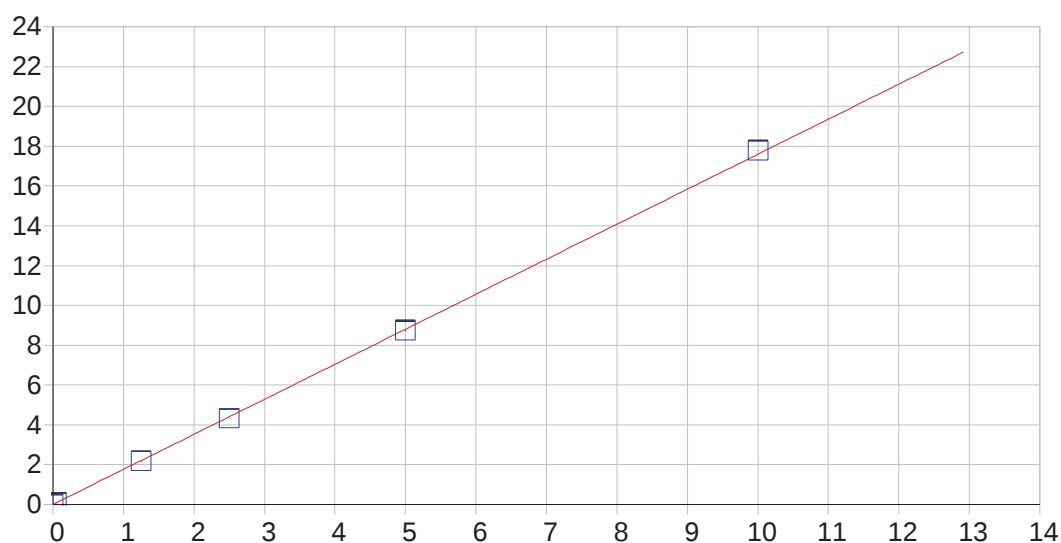
Status: OK.

Std Error of Est: 0.000339

Predicted MDL: 0.001191

Predicted MQL: 0.003971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00152	.000	1
S1	.10000	.10637	.006	6.37	.04240	.000	1
S2	1.2500	1.3050	.055	4.40	.50295	.001	1
S3	2.5000	2.5435	.044	1.74	.97882	.001	1
S4	5.0000	5.0193	.019	.387	1.9301	.007	1
S5	10.000	9.8758	-.124	-1.24	3.7961	.009	1



Li 670.784 { 50}

Date of Fit: 5/31/2017 04:15:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.007405

Re-Slope: 1.000000

A1 (Gain): 1.758872

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999923

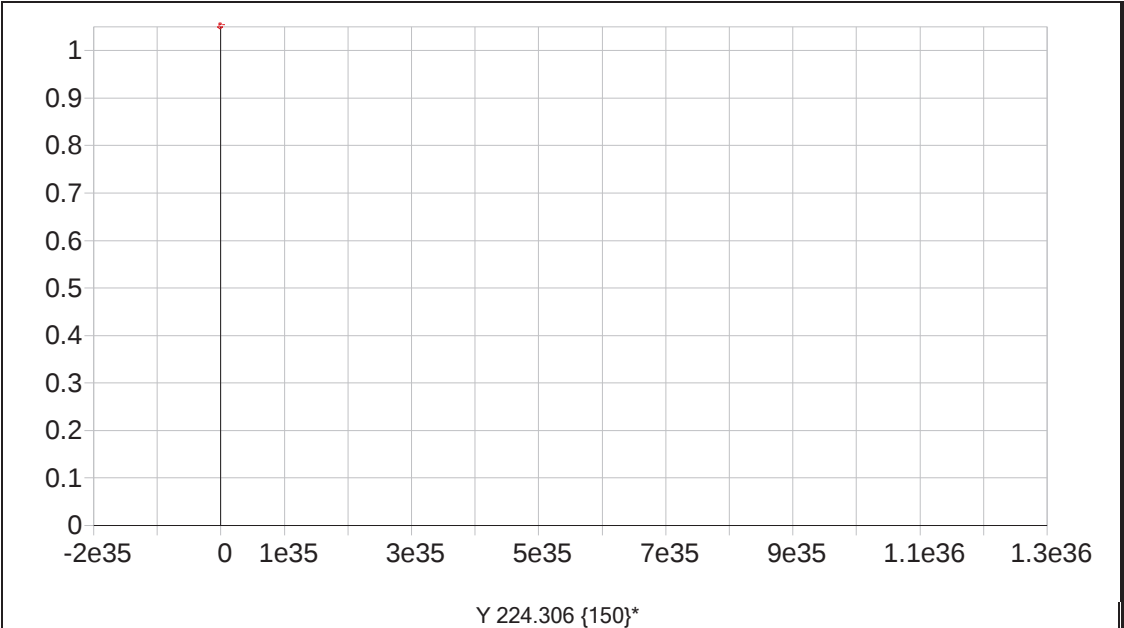
Status: OK.

Std Error of Est: 0.000817

Predicted MDL: 0.000922

Predicted MQL: 0.003074

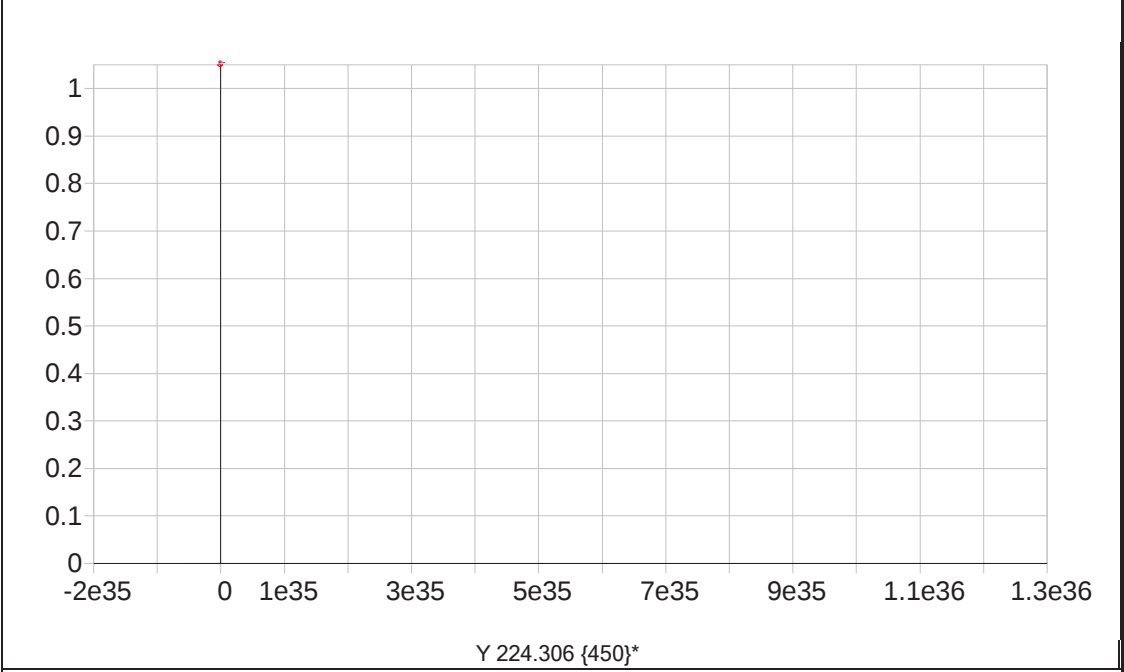
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00741	.002	1
S5	10.000	10.107	.107	1.07	17.785	.021	1
S4	5.0000	4.9676	-.032	-.648	8.7448	.029	1
S3	2.5000	2.4476	-.052	-2.10	4.3124	.014	1
S2	1.2500	1.2298	-.020	-1.62	2.1704	.007	1
S1	.05000	.04786	-.002	-4.29	.09158	.000	1



Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

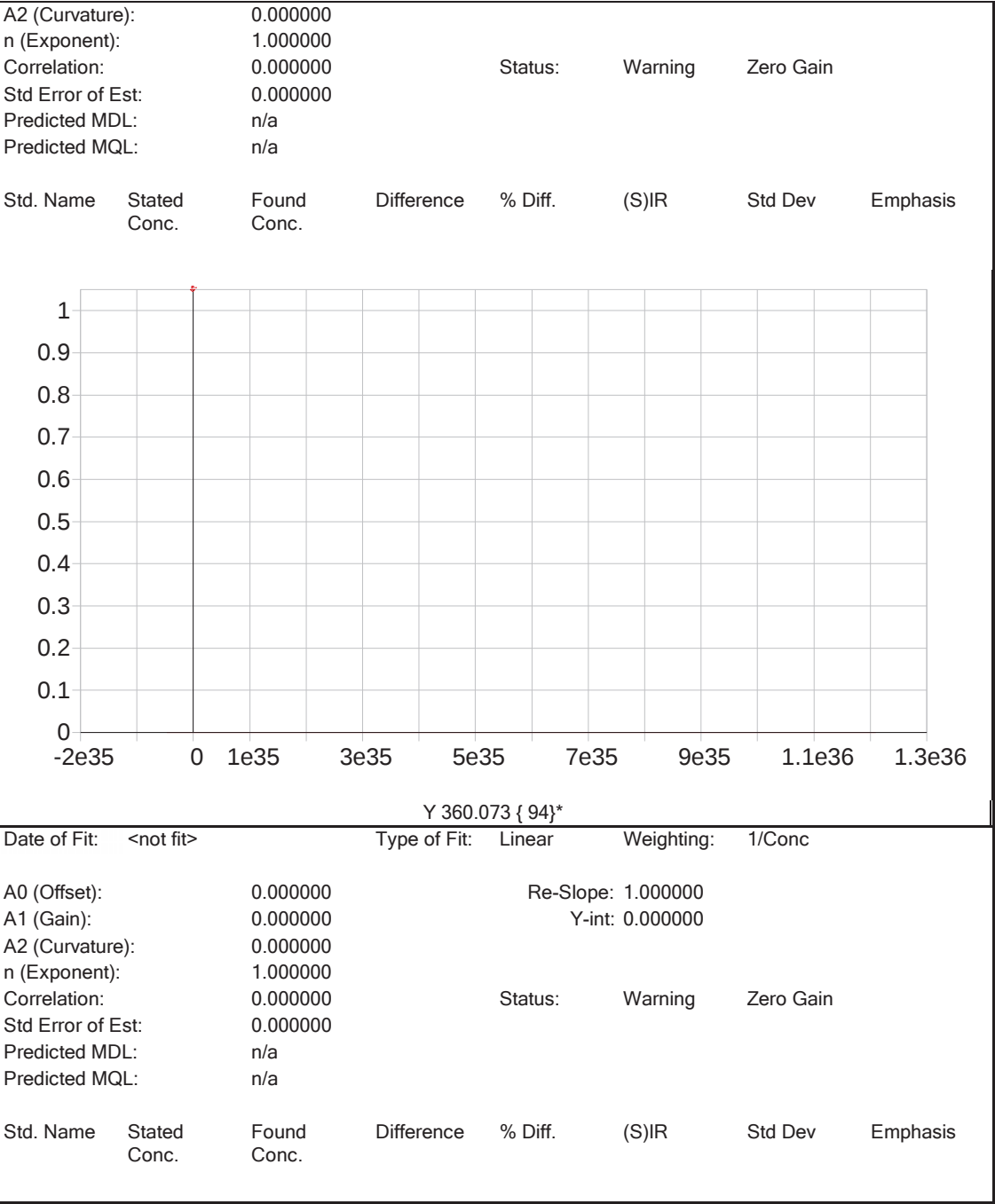
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

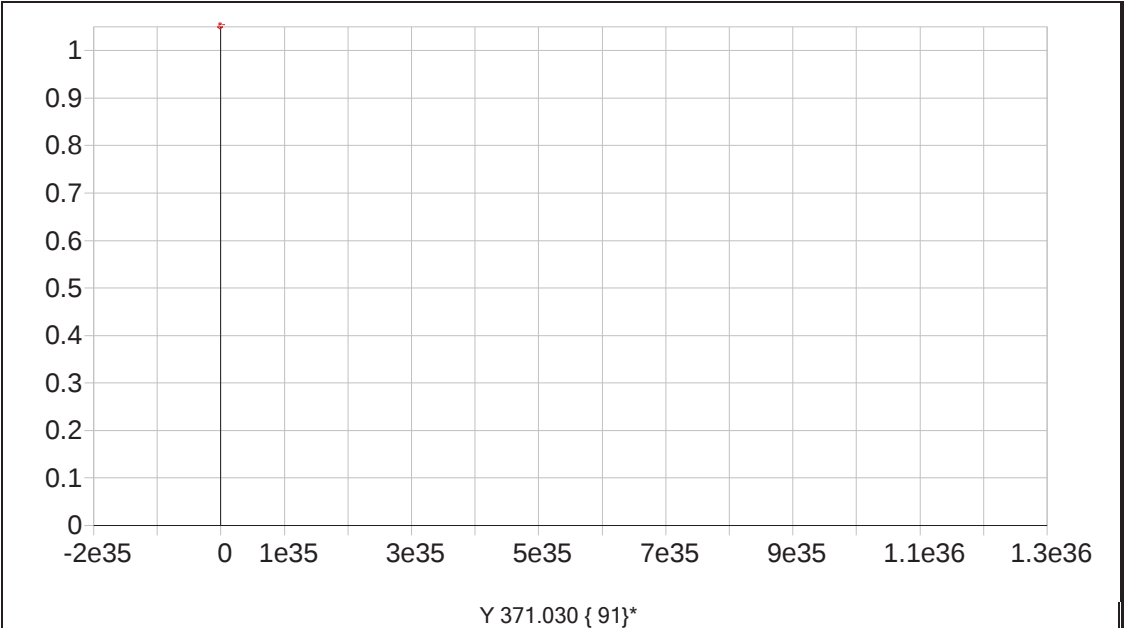
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

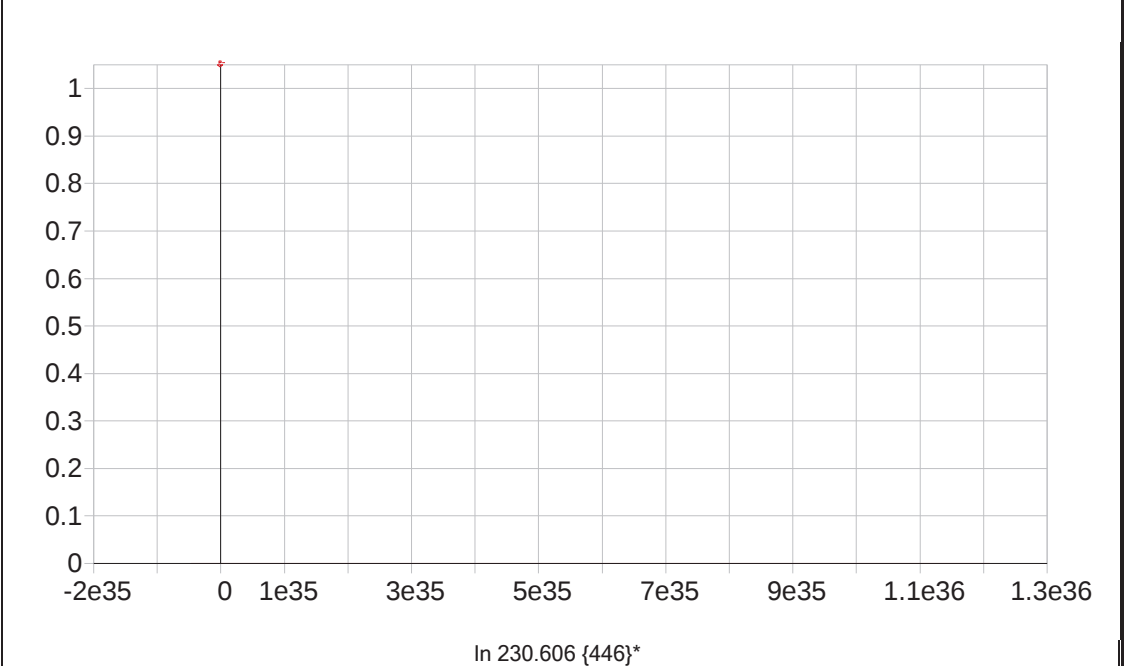




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

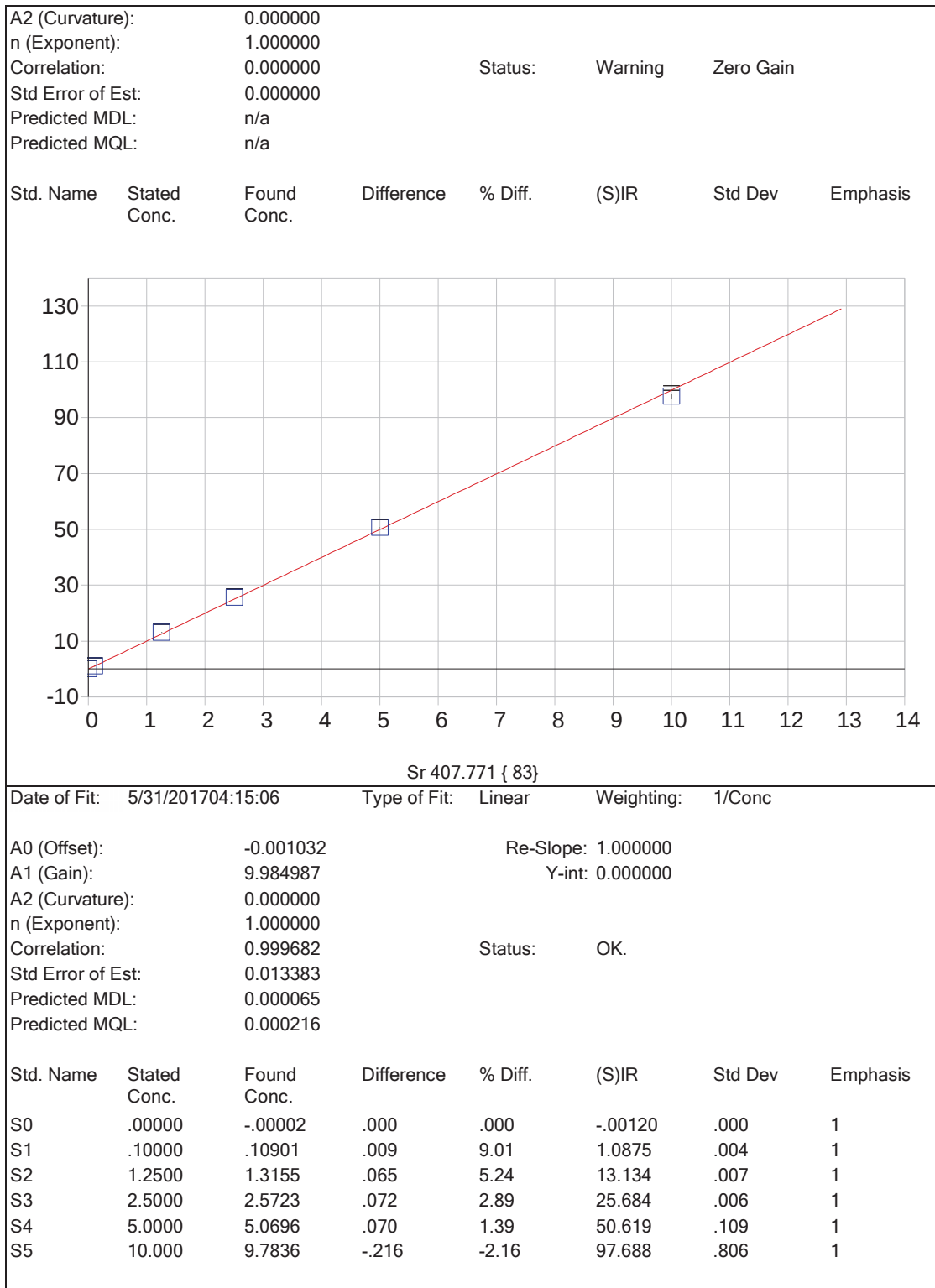
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



Sample Name: S0 Acquired: 5/31/2017 14:15:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	-.00024	-.00017	.00032	.00016	.00000	.00024	-.06696	-.00269
Stddev	.00008	.00013	.00006	.00009	.0002	.00029	.00305	.00033
%RSD	31.862	73.993	18.049	59.194	7314.6	121.05	4.5492	12.107

#1	-.00017	-.00004	.00038	.00026	.00004	.00010	-.06414	-.00307
#2	-.00023	-.00029	.00031	.00016	.00019	.00004	-.06657	-.00252
#3	-.00032	-.00018	.00027	.00007	-.00025	.00057	-.07019	-.00249

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	.00016	.00169	.00003	-.00022	.00086	.00014	.00000	-.00009
Stddev	.00008	.00051	.00002	.00003	.00032	.00020	.0001	.00001
%RSD	48.697	29.888	62.045	14.550	37.046	135.96	2310.2	8.8497

#1	.00007	.00173	.00004	-.00025	.00050	.00035	.00007	-.00009
#2	.00021	.00117	.00001	-.00019	.00097	-.00003	-.00009	-.00008
#3	.00020	.00218	.00003	-.00021	.00112	.00011	.00001	-.00009

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00061	-.00043	-.00377	-.00016	-.00036	.03549	-.00111	.00514
Stddev	.00007	.00004	.00095	.00017	.00054	.00049	.00006	.00056
%RSD	11.639	9.3971	25.236	109.81	149.31	1.3846	5.0827	10.987

#1	-.00054	-.00046	-.00414	-.00031	-.00087	.03595	-.00117	.00552
#2	-.00059	-.00043	-.00448	.00003	.00021	.03497	-.00106	.00540
#3	-.00068	-.00038	-.00269	-.00019	-.00043	.03555	-.00110	.00449

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	.00041	.00111	.00499	.00012	.00152	.00741	-.00120	
Stddev	.00007	.00005	.00051	.00010	.00000	.00156	.00046	
%RSD	18.005	4.7995	10.112	82.915	.31492	21.010	38.482	

#1	.00039	.00108	.00550	.00019	.00152	.00849	-.00173	
#2	.00050	.00117	.00499	.00001	.00152	.00812	-.00089	
#3	.00035	.00108	.00449	.00017	.00151	.00563	-.00097	

Sample Name: S0 Acquired: 5/31/2017 14:15:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	1903.4	2743.3	60131.	4395.5	4091.3
Stddev	3.5	4.0	90.	24.1	7.8
%RSD	.18607	.14453	.14903	.54829	.19180
#1	1906.0	2740.2	60038.	4368.4	4082.2
#2	1899.4	2742.1	60138.	4403.4	4094.9
#3	1904.9	2747.8	60217.	4414.6	4096.6

Sample Name: S1 Acquired: 5/31/2017 14:19:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.00035	.00184	.00210	.00203	.01107	.01687	.83563	.03688
Stddev	.00009	.00004	.00022	.00017	.00011	.00045	.00371	.00040
%RSD	25.386	2.2724	10.522	8.3064	.98003	2.6878	.44352	1.0952

#1	.00025	.00181	.00225	.00184	.01111	.01635	.83404	.03693
#2	.00037	.00189	.00185	.00207	.01095	.01710	.83986	.03645
#3	.00043	.00182	.00222	.00217	.01115	.01716	.83298	.03726

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	.00825	.22804	.00139	.02987	.00602	.00162	.00465	.02672
Stddev	.00013	.00084	.00003	.00037	.00027	.00021	.00003	.00029
%RSD	1.6368	.36657	2.4482	1.2452	4.4890	12.875	.60402	1.0991

#1	.00830	.22809	.00137	.02953	.00599	.00153	.00462	.02652
#2	.00809	.22718	.00142	.02981	.00576	.00147	.00464	.02706
#3	.00835	.22885	.00136	.03027	.00630	.00186	.00468	.02659

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	.02258	.00134	.03514	.00392	.00106	.24409	-.00049	.00964
Stddev	.00028	.00003	.00112	.00009	.00089	.00158	.00005	.00029
%RSD	1.2188	2.1270	3.2014	2.3917	84.014	.64567	9.4983	3.0077

#1	.02261	.00131	.03538	.00402	.00208	.24589	-.00046	.00990
#2	.02230	.00137	.03612	.00392	.00051	.24296	-.00054	.00933
#3	.02285	.00134	.03391	.00383	.00058	.24342	-.00047	.00970

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	.00866	.00325	.07190	.00084	.04240	.09158	1.0875	
Stddev	.00025	.00004	.00027	.00007	.00043	.00013	.0037	
%RSD	2.8521	1.2637	.37275	8.1246	1.0250	.13766	.33809	

#1	.00838	.00324	.07166	.00077	.04286	.09164	1.0917	
#2	.00885	.00329	.07219	.00089	.04200	.09167	1.0853	
#3	.00874	.00321	.07186	.00087	.04232	.09144	1.0854	

Sample Name: S1 Acquired: 5/31/2017 14:19:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	1882.0	2709.3	59234.	4347.1	3941.5
Stddev	6.0	10.4	293.	27.2	17.1
%RSD	.32079	.38314	.49408	.62621	.43438
#1	1877.0	2707.5	58942.	4317.8	3937.7
#2	1880.2	2720.5	59234.	4371.7	3960.2
#3	1888.7	2700.0	59527.	4351.8	3926.6

Sample Name: S2 Acquired: 5/31/2017 14:24:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.06148	.10439	1.2052	.06994	.22730	3.1771	11.013	.94187
Stddev	.00025	.00047	.0064	.00047	.00137	.0074	.044	.00051
%RSD	.41176	.44669	.52980	.67163	.60094	.23313	.40047	.05410

#1	.06135	.10386	1.2066	.06985	.22613	3.1751	11.052	.94221
#2	.06133	.10459	1.1982	.06953	.22699	3.1854	11.021	.94128
#3	.06177	.10473	1.2108	.07045	.22880	3.1710	10.965	.94211

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	1.0131	2.7902	.48158	.39099	.72571	.53059	1.0745	.33481
Stddev	.0067	.0053	.00116	.00262	.00291	.00116	.0015	.00118
%RSD	.66125	.18827	.24037	.66942	.40062	.21888	.14196	.35187

#1	1.0146	2.7861	.48237	.39071	.72881	.53054	1.0733	.33566
#2	1.0058	2.7962	.48026	.38852	.72528	.52945	1.0740	.33532
#3	1.0190	2.7885	.48212	.39373	.72304	.53178	1.0762	.33347

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	.36867	.05066	.29457	.04766	.09781	1.6046	.05308	.66682
Stddev	.00245	.00029	.00100	.00027	.00151	.0012	.00052	.00226
%RSD	.66501	.58122	.34050	.56135	1.5420	.07684	.97754	.33945

#1	.36834	.05067	.29362	.04793	.09610	1.6051	.05286	.66944
#2	.36639	.05036	.29562	.04739	.09897	1.6054	.05270	.66558
#3	.37126	.05095	.29448	.04766	.09835	1.6031	.05367	.66545

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	.97295	.01120	.88626	.14080	.50295	2.1704	13.134	
Stddev	.00456	.00007	.00043	.00118	.00061	.0070	.007	
%RSD	.46892	.62695	.04836	.83792	.12133	.32238	.05490	

#1	.96964	.01121	.88671	.14074	.50354	2.1691	13.140	
#2	.97104	.01112	.88623	.13964	.50297	2.1779	13.136	
#3	.97815	.01126	.88585	.14200	.50232	2.1641	13.126	

Sample Name: S2 Acquired: 5/31/2017 14:24:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	1770.6	2549.6	56004.	4288.8	3387.6
Stddev	7.4	8.6	199.	5.3	14.2
%RSD	.41868	.33881	.35456	.12460	.41883
#1	1778.3	2552.5	55959.	4287.2	3385.6
#2	1763.5	2556.5	56221.	4294.7	3402.7
#3	1770.1	2539.9	55832.	4284.4	3374.6

Sample Name: S3 Acquired: 5/31/2017 14:28:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.12215	.20061	2.3722	.13687	.44812	6.2906	21.760	1.8428
Stddev	.00080	.00021	.0066	.00089	.00133	.0052	.032	.0023
%RSD	.65322	.10517	.27595	.64897	.29768	.08196	.14775	.12707

#1	.12293	.20050	2.3716	.13683	.44935	6.2965	21.797	1.8412
#2	.12217	.20085	2.3790	.13778	.44832	6.2869	21.744	1.8455
#3	.12134	.20047	2.3660	.13600	.44670	6.2883	21.739	1.8416

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0061	5.4758	.91994	.77615	1.4200	1.0321	2.0916	.66864
Stddev	.0032	.0086	.00235	.00122	.0015	.0010	.0051	.00201
%RSD	.15774	.15767	.25576	.15723	.10774	.09710	.24424	.30083

#1	2.0025	5.4679	.92245	.77603	1.4217	1.0326	2.0860	.66632
#2	2.0077	5.4743	.91960	.77742	1.4187	1.0309	2.0928	.66975
#3	2.0081	5.4850	.91778	.77499	1.4195	1.0327	2.0960	.66984

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	.72490	.10120	.58533	.09318	.19525	3.1785	.10943	1.3010
Stddev	.00288	.00026	.00114	.00047	.00026	.0075	.00035	.0010
%RSD	.39672	.25542	.19524	.50541	.13244	.23540	.32097	.07791

#1	.72556	.10098	.58422	.09311	.19528	3.1707	.10924	1.3006
#2	.72739	.10114	.58650	.09368	.19549	3.1791	.10984	1.3003
#3	.72175	.10149	.58526	.09274	.19498	3.1856	.10922	1.3022

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	1.8696	.01913	1.7028	.27951	.97882	4.3124	25.684
Stddev	.0021	.00014	.0032	.00114	.00140	.0141	.006
%RSD	.11309	.74262	.18579	.40693	.14268	.32752	.02444

#1	1.8717	.01914	1.6992	.27891	.98040	4.3238	25.690
#2	1.8698	.01926	1.7045	.28082	.97830	4.3168	25.678
#3	1.8675	.01898	1.7048	.27880	.97775	4.2966	25.683

Sample Name: S3 Acquired: 5/31/2017 14:28:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	1689.7	2458.4	54264.	4192.5	3153.0
Stddev	7.0	8.4	123.	9.2	10.8
%RSD	.41658	.34295	.22598	.21950	.34315
#1	1692.3	2450.6	54184.	4197.4	3147.3
#2	1695.0	2457.2	54405.	4198.1	3146.2
#3	1681.7	2467.3	54204.	4181.9	3165.4

Sample Name: S4 Acquired: 5/31/2017 14:32:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.24926	.38898	4.7420	.27355	.90782	12.678	43.328	3.6338
Stddev	.00143	.00066	.0207	.00042	.00109	.026	.187	.0257
%RSD	.57508	.17018	.43540	.15278	.12040	.20749	.43095	.70862

#1	.24815	.38888	4.7301	.27401	.90899	12.683	43.340	3.6594
#2	.24875	.38838	4.7301	.27342	.90682	12.649	43.135	3.6341
#3	.25088	.38969	4.7659	.27321	.90766	12.701	43.508	3.6079

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	3.9909	10.815	1.7780	1.5570	2.8287	2.0054	4.0621	1.3429
Stddev	.0164	.019	.0036	.0045	.0097	.0020	.0075	.0008
%RSD	.41157	.17481	.20415	.28709	.34407	.09847	.18550	.06313

#1	3.9800	10.795	1.7822	1.5547	2.8276	2.0073	4.0542	1.3421
#2	3.9830	10.821	1.7756	1.5541	2.8195	2.0033	4.0628	1.3427
#3	4.0098	10.831	1.7763	1.5621	2.8389	2.0057	4.0692	1.3437

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	1.4396	.20869	1.1776	.18152	.39736	6.3981	.23006	2.5204
Stddev	.0060	.00058	.0046	.00067	.00555	.0146	.00077	.0146
%RSD	.41671	.27749	.39314	.36758	1.3966	.22882	.33346	.57722

#1	1.4348	.20900	1.1772	.18106	.39561	6.3923	.22952	2.5345
#2	1.4377	.20802	1.1733	.18229	.39289	6.3872	.22973	2.5213
#3	1.4463	.20905	1.1825	.18122	.40357	6.4147	.23094	2.5055

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.6508	.03799	3.2918	.55871	1.9301	8.7448	50.619	
Stddev	.0073	.00022	.0263	.00162	.0074	.0295	.109	
%RSD	.19982	.57831	.80045	.28987	.38288	.33703	.21474	

#1	3.6579	.03774	3.3170	.55812	1.9228	8.7398	50.665	
#2	3.6433	.03813	3.2939	.55748	1.9300	8.7181	50.495	
#3	3.6512	.03811	3.2644	.56055	1.9375	8.7764	50.697	

Sample Name: S4 Acquired: 5/31/2017 14:32:03 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	1595.0	2307.4	51926.	4118.4	2856.9
Stddev	6.5	4.8	119.	21.3	5.7
%RSD	.40988	.20931	.22965	.51764	.19837
#1	1598.4	2301.9	51876.	4095.6	2853.5
#2	1599.2	2310.9	52062.	4121.9	2863.4
#3	1587.5	2309.3	51840.	4137.8	2853.7

Sample Name: S5 Acquired: 5/31/2017 14:35:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.50644	.73332	9.2593	.54286	1.8473	25.732	84.477	7.2097
Stddev	.00392	.00680	.0765	.00531	.0154	.063	.042	.0981
%RSD	.77496	.92674	.82562	.97804	.83208	.24607	.04982	1.3612

#1	.50482	.73001	9.2200	.54022	1.8418	25.659	84.480	7.1268
#2	.50359	.72882	9.2105	.53938	1.8354	25.770	84.518	7.3180
#3	.51092	.74114	9.3474	.54897	1.8647	25.767	84.434	7.1842

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	7.7478	21.549	3.3538	3.0459	5.6446	3.8802	7.8935	2.6960
Stddev	.0704	.071	.0452	.0292	.0110	.0273	.0418	.0119
%RSD	.90834	.33103	1.3487	.95773	.19411	.70274	.52898	.44063

#1	7.7089	21.466	3.3081	3.0315	5.6321	3.8490	7.8531	2.6823
#2	7.7055	21.586	3.3985	3.0268	5.6525	3.8994	7.9365	2.7023
#3	7.8291	21.594	3.3548	3.0795	5.6493	3.8922	7.8909	2.7034

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	2.7770	.43576	2.3691	.35349	.82074	12.969	.47108	4.7932
Stddev	.0284	.00487	.0031	.00104	.01119	.033	.00422	.0521
%RSD	1.0227	1.1181	.12887	.29366	1.3629	.25705	.89560	1.0873

#1	2.7658	.43112	2.3666	.35254	.80969	12.935	.46848	4.7530
#2	2.7559	.44084	2.3725	.35334	.82048	13.001	.46882	4.8521
#3	2.8093	.43530	2.3680	.35460	.83206	12.973	.47595	4.7745

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	7.0646	.07513	6.4505	1.0866	3.7961	17.785	97.688	
Stddev	.0700	.00082	.0681	.0107	.0089	.021	.806	
%RSD	.99140	1.0919	1.0554	.98190	.23365	.12013	.82518	

#1	7.0257	.07493	6.3964	1.0827	3.7873	17.787	96.759	
#2	7.0228	.07443	6.5270	1.0785	3.8051	17.762	98.099	
#3	7.1455	.07603	6.4282	1.0987	3.7958	17.805	98.205	

Sample Name: S5 Acquired: 5/31/2017 14:35:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	1465.0	2134.8	49538.	3996.8	2575.9
Stddev	14.0	17.7	493.	35.3	20.1
%RSD	.95692	.82910	.99592	.88266	.78079
#1	1480.7	2142.4	50053.	4027.9	2581.4
#2	1453.7	2147.4	49070.	3958.5	2592.6
#3	1460.5	2114.6	49492.	4004.1	2553.6

Sample Name: S6 Acquired: 5/31/2017 14:40:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	68.627	34.965	9.9283	4.3526	6.4421
Stddev	.074	.126	.0171	.0097	.0093
%RSD	.10807	.36062	.17218	.22174	.14386

#1	68.619	34.867	9.9172	4.3467	6.4485
#2	68.705	35.107	9.9479	4.3637	6.4463
#3	68.558	34.921	9.9196	4.3474	6.4314

Int. Std.	Y_3710
Units	Cts/S
Avg	3906.2
Stddev	5.0
%RSD	.12703

#1	3908.3
#2	3900.5
#3	3909.7

Sample Name: ICV Acquired: 5/31/2017 14:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.9572954	1.073271	.9599309	.9709757	.9555733	2.399463
Stddev	.0057654	.002061	.0075557	.0056177	.0066964	.030597
%RSD	.6022576	.1920237	.7871090	.5785629	.7007684	1.275159

#1	.9604258	1.074397	.9595937	.9711764	.9601081	2.389725
#2	.9506420	1.074523	.9525494	.9652604	.9478821	2.374919
#3	.9608185	1.070892	.9676495	.9764904	.9587297	2.433743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4945454	.4815289	.4581282	10.33704	.5205981	.4683557
Stddev	.0052835	.0056509	.0022018	.18701	.0019325	.0019970
%RSD	1.068350	1.173523	.4806015	1.809082	.3712043	.4263773

#1	.4940773	.4784819	.4564031	10.28205	.5225909	.4667939
#2	.4895116	.4780556	.4573735	10.18370	.5187321	.4676675
#3	.5000474	.4880493	.4606081	10.54538	.5204714	.4706058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070377	5.518346	.5419611	5.817437	.4739945	.4727935
Stddev	.0097350	.130069	.0068158	.029204	.0012219	.0005031
%RSD	1.919973	2.357030	1.257618	.5020070	.2577921	.1064035

#1	.5029381	5.468214	.5413782	5.818012	.4742365	.4723593
#2	.5000230	5.420803	.5354555	5.787950	.4726696	.4726764
#3	.5181519	5.666021	.5490497	5.846349	.4750772	.4733448

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.486787	.5241017	.9608458	9.259630	F -.008727	F -.014983
Stddev	.137753	.0109840	.0333704	.121698	.001645	.000482
%RSD	1.452052	2.095784	3.473026	1.314280	18.84421	3.219326

#1	9.584318	.5258785	.9930455	9.194748	-.007254	-.014608
#2	9.329202	.5123376	.9630755	9.184122	-.010502	-.015527
#3	9.546842	.5340890	.9264164	9.400020	-.008426	-.014814

Sample Name: ICV Acquired: 5/31/2017 14:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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 -.000450	.0064421	.0004293	F -.000976	-.000076	.0013439
Stddev	.000246	.0081333	.0010718	.000732	.000489	.0015041
%RSD	54.70000	126.2513	249.6708	74.96626	647.3969	111.9190

#1	-.000167	.0044325	-.000241	-.001304	-.000040	-.000362
#2	-.000616	-.000498	-.000136	-.001487	.000395	.001915
#3	-.000568	.015392	.001665	-.000138	-.000581	.002479

Elem	Sr4077
Units	ppm
Avg	.0117123
Stddev	.0002048
%RSD	1.748580

#1	.0117142
#2	.0115065
#3	.0119161

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.420	2600.837	57132.77	4241.961	3760.927
Stddev	12.138	10.236	213.48	40.506	8.428
%RSD	.6852145	.3935808	.3736491	.9548812	.2241011

#1	1760.639	2590.318	56899.13	4252.131	3754.173
#2	1784.567	2610.765	57317.64	4276.413	3770.372
#3	1769.054	2601.426	57181.54	4197.340	3758.235

Sample Name: ICB Acquired: 5/31/2017 14:58:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	-.001049	-.000154	-.000292	.0009597	-.000851	.0030064	-.004705
Stddev	.001995	.001533	.000811	.0011276	.000966	.0023949	.000334
%RSD	190.1009	996.0178	277.4928	117.4941	113.4650	79.65949	7.104595

#1	-.003248	-.001840	-.001149	.0018423	-.001386	.0023250	-.004384
#2	-.000544	.000221	-.000191	.0013476	-.001432	.0056681	-.004679
#3	.000644	.001157	.000463	-.000311	.000264	.0010260	-.005051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000146	-.000089	-.007568	-.000268	-.000151	.0008447	.0018640
Stddev	.0000705	.000021	.008393	.000217	.000101	.0010753	.0115789
%RSD	483.1151	23.09455	110.9075	81.07251	66.70158	127.2952	621.1791

#1	-.000061	-.000076	-.014878	-.000237	-.000186	-.000289	-.009697
#2	.000078	-.000079	.001598	-.000498	-.000230	.001850	.013461
#3	.000027	-.000113	-.009424	-.000067	-.000038	.000974	.001828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000711	-.009542	.0001971	.0005979	-.199482	-.000165	.0001168
Stddev	.000123	.050846	.0001158	.0001981	.075664	.002749	.0083155
%RSD	17.35616	532.8584	58.74782	33.14030	37.93054	1669.459	7122.501

#1	-.000853	.006318	.0003050	.0005531	-.137613	-.001132	-.009053
#2	-.000651	-.066428	.0002113	.0004260	-.283842	-.002299	.002234
#3	-.000630	.031484	.0000748	.0008146	-.176991	.002937	.007169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.053584	-.001226	-.003019	-.000270	-.017548	-.002580	-.000691
Stddev	.043758	.003770	.000296	.000016	.002078	.000919	.000516
%RSD	81.66280	307.5598	9.807061	5.895622	11.84194	35.61947	74.68233

#1	-.003619	.000696	-.003061	-.000270	-.019017	-.001711	-.000701
#2	-.085079	.001196	-.002704	-.000286	-.018458	-.003542	-.001203
#3	-.072053	-.005570	-.003291	-.000254	-.015171	-.002488	-.000170

Sample Name: ICB Acquired: 5/31/2017 14:58:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	-.000404	-.000071	-.000100
Stddev	.000809	.000455	.000015
%RSD	200.0519	641.3089	14.56568

#1	-.001138	-.000443	-.000117
#2	-.000538	-.000206	-.000095
#3	.000463	.000437	-.000089

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.452	2639.237	58129.49	4214.653	3972.230
Stddev	9.116	12.807	127.14	14.196	19.465
%RSD	.5041043	.4852503	.2187189	.3368195	.4900236

#1	1805.797	2634.425	57999.45	4198.266	3968.987
#2	1800.958	2653.753	58135.51	4223.194	3993.112
#3	1818.602	2629.533	58253.52	4222.498	3954.589

Sample Name: ICSA Acquired: 5/31/2017 15:02:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	-.005744	-.012033	-.000945	-.024126	-.000001	256.4735
Stddev	.004635	.000713	.002040	.003382	.001020	.8186
%RSD	80.68806	5.926851	215.9109	14.01974	134890.2	.3191583

#1	-.010918	-.011210	-.000958	-.023202	-.000895	257.0226
#2	-.001973	-.012455	-.002978	-.021302	-.000217	256.8653
#3	-.004341	-.012435	.001102	-.027875	.001110	255.5327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009966	.0009983	.0033219	265.5390	.0491606	.0015369
Stddev	.0007062	.0000246	.0000973	.9913	.0003799	.0004366
%RSD	70.85842	2.469397	2.929482	.3733076	.7727426	28.40568

#1	.0006969	.0009765	.0034248	266.6681	.0488409	.0019591
#2	.0004897	.0009934	.0032313	265.1372	.0495805	.0015642
#3	.0018031	.0010251	.0033095	264.8117	.0490603	.0010873

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234777	110.7874	.0153640	273.1848	.0002296	-.003766
Stddev	.0023550	.3967	.0007899	.9192	.0000844	.000094
%RSD	10.03078	.3580552	5.141089	.3364755	36.74951	2.501296

#1	.0257482	111.2330	.0157037	274.2206	.0001322	-.003774
#2	.0210465	110.6568	.0159272	272.8680	.0002783	-.003668
#3	.0236383	110.4726	.0144611	272.4660	.0002783	-.003856

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1290027	.0004091	-.018910	-.135529	-.008868	F -.305689
Stddev	.1975944	.0041073	.021534	.022047	.002144	.002814
%RSD	153.1707	1003.993	113.8729	16.26716	24.17482	.9206583

#1	.3566503	-.004326	-.029319	-.148515	-.011339	-.308385
#2	.0019145	.002538	-.033262	-.147998	-.007765	-.305913
#3	.0284433	.003015	.005850	-.110073	-.007501	-.302769

Sample Name: ICSA Acquired: 5/31/2017 15:02:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.0003813	.0615628	-.002270	-.003127	-.001223	.0059069
Stddev	.0003302	.0173774	.000652	.001587	.000917	.0005737
%RSD	86.60195	28.22702	28.73713	50.76257	74.95609	9.712429

#1	.0000006	.0430921	-.001841	-.004384	-.001815	.0055767
#2	.0005533	.0640086	-.001949	-.003654	-.000167	.0055747
#3	.0005900	.0775877	-.003021	-.001343	-.001686	.0065693

Elem	Sr4077
Units	ppm
Avg	.1058878
Stddev	.0004238
%RSD	.4002309

#1	.1060206
#2	.1062294
#3	.1054136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.001	2362.065	51624.79	4034.168	2989.255
Stddev	6.075	5.636	83.88	28.917	5.466
%RSD	.3766436	.2386223	.1624878	.7167980	.1828589

#1	1606.772	2361.825	51633.79	4004.051	2983.349
#2	1613.321	2367.818	51703.81	4036.742	2994.137
#3	1618.910	2356.553	51536.77	4061.713	2990.277

Sample Name: ICSAB Acquired: 5/31/2017 15:06:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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	.0992042	.1034132	.0506213	.0239666	.5927967	255.1871
Stddev	.0043285	.0025503	.0006553	.0036507	.0032243	.5330
%RSD	4.363200	2.466144	1.294435	15.23241	.5439086	.2088833

#1	.1041990	.1023146	.0513229	.0204528	.5916689	255.5256
#2	.0968654	.1063287	.0505158	.0277403	.5902877	255.4631
#3	.0965483	.1015962	.0500252	.0237069	.5964333	254.5727

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133394	.5148627	1.011063	263.3911	.5733841	.5113646
Stddev	.0014154	.0017005	.001835	.7240	.0063392	.0016852
%RSD	.2757257	.3302841	.1814443	.2748641	1.105581	.3295459

#1	.5147731	.5149527	1.012447	262.7506	.5723886	.5119354
#2	.5133019	.5165164	1.008982	264.1766	.5676016	.5094682
#3	.5119431	.5131190	1.011760	263.2462	.5801622	.5126903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5475925	110.1311	.5720387	270.3892	1.007913	.2061430
Stddev	.0043998	.3561	.0032812	.7841	.004024	.0019304
%RSD	.8034876	.3233449	.5735909	.2899963	.3992463	.9364455

#1	.5482937	109.9415	.5729760	270.1287	1.009833	.2052939
#2	.5515996	110.5419	.5747493	271.2704	1.003288	.2047827
#3	.5428842	109.9098	.5683909	269.7685	1.010617	.2083524

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2439732	.5189973	1.057617	-.230980	-.013299	F .8906908
Stddev	.0997205	.0043554	.023690	.008358	.002287	.0026582
%RSD	40.87356	.8391918	2.239916	3.618332	17.19384	.2984382

#1	.1860049	.5238741	1.079701	-.237665	-.010718	.8895066
#2	.3591196	.5176227	1.032595	-.233664	-.015073	.8937353
#3	.1867950	.5154950	1.060556	-.221610	-.014104	.8888306

Sample Name: ICSAB Acquired: 5/31/2017 15:06:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) 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 1.052640	1.910204	1.041635	F 1.048144	1.095801	.5361518
Stddev	.005748	.031154	.004145	.009785	.003942	.0017132
%RSD	.5460994	1.630900	.3979061	.9335539	.3597284	.3195348

#1	1.054684	1.944862	1.038850	1.058744	1.095757	.5381299
#2	1.046149	1.884529	1.046398	1.039458	1.099765	.5351401
#3	1.057087	1.901221	1.039657	1.046228	1.091882	.5351855

Elem	Sr4077
Units	ppm
Avg	.6996089
Stddev	.0019836
%RSD	.2835356

#1	.7007391
#2	.7007691
#3	.6973184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.210	2346.041	51760.35	4071.359	2973.900
Stddev	16.642	8.574	487.29	21.929	7.838
%RSD	1.034795	.3654455	.9414257	.5386154	.2635695

#1	1610.964	2343.810	51925.37	4079.598	2969.349
#2	1623.303	2355.509	52143.69	4046.504	2982.951
#3	1590.363	2338.803	51211.98	4087.975	2969.400

Sample Name: CCV044 Acquired: 5/31/2017 15:10:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.927927	4.728156	24.12393	4.819714	4.894068	399.2649
Stddev	.018085	.031699	.15673	.026125	.034717	1.4481
%RSD	.3669911	.6704299	.6496676	.5420364	.7093632	.3626879

#1	4.935837	4.734175	24.15735	4.832900	4.910435	397.6331
#2	4.940710	4.756415	24.26124	4.836617	4.917576	400.3967
#3	4.907235	4.693879	23.95318	4.789624	4.854193	399.7651

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.885308	.4970229	2.458213	405.9314	14.80581	2.465112
Stddev	.031941	.0017554	.015632	2.9710	.10855	.015381
%RSD	.3231123	.3531842	.6359164	.7318942	.7331298	.6239583

#1	9.853490	.4951885	2.458022	402.5616	14.78799	2.468987
#2	9.885066	.4986870	2.473940	408.1730	14.92216	2.478185
#3	9.917370	.4971931	2.442678	407.0597	14.70727	2.448164

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97509	410.9322	15.02797	410.2973	2.418584	1.277885
Stddev	.05415	2.7190	.10260	2.3655	.016994	.009275
%RSD	.3615823	.6616635	.6827012	.5765311	.7026246	.7258005

#1	14.91514	407.8107	14.91320	407.6833	2.421042	1.277637
#2	15.02046	412.7842	15.11078	412.2906	2.434215	1.287281
#3	14.98965	412.2017	15.05993	410.9179	2.400495	1.268736

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.1802	2.435736	15.09982	153.1373	5.064090	F 4.141273
Stddev	1.9780	.026261	.10410	.5633	.027703	.023209
%RSD	.4906004	1.078144	.6893968	.3678424	.5470442	.5604426

#1	401.0384	2.405415	15.06361	152.5042	5.069830	4.116614
#2	403.5638	2.450617	15.21718	153.3249	5.088472	4.162693
#3	404.9382	2.451177	15.01866	153.5829	5.033966	4.144511

Sample Name: CCV044 Acquired: 5/31/2017 15:10:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.766137	4.926864	4.942197	4.840256	4.952763	5.081744
Stddev	.021492	.060638	.026720	.028672	.018082	.009301
%RSD	.4509271	1.230771	.5406427	.5923709	.3650834	.1830288

#1	4.769739	4.917947	4.920881	4.837923	4.933427	5.078102
#2	4.785599	4.991467	4.972173	4.870024	4.969253	5.074815
#3	4.743071	4.871177	4.933537	4.812822	4.955608	5.092315

Elem	Sr4077
Units	ppm
Avg	5.005840
Stddev	.019134
%RSD	.3822388

#1	4.983746
#2	5.016852
#3	5.016922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.625	2164.032	49518.71	3946.502	2593.712
Stddev	12.974	13.081	221.30	15.848	20.805
%RSD	.8634180	.6044778	.4468950	.4015743	.8021466

#1	1505.702	2155.176	49481.40	3963.679	2582.125
#2	1488.389	2157.863	49318.44	3932.447	2581.279
#3	1513.784	2179.056	49756.29	3943.380	2617.731

Sample Name: CCB044 Acquired: 5/31/2017 15:14:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008408	.0004939	-.001445	.0003082	.0002079	.0182680	-.004155
Stddev	.0008928	.0006591	.000857	.0004124	.0010671	.0029089	.000679
%RSD	106.1837	133.4600	59.33560	133.7823	513.3262	15.92368	16.33974

#1	.0017902	.0012516	-.001937	.0003886	-.000870	.0181172	-.004938
#2	.0000182	.0001767	-.001944	-.000138	.001264	.0212494	-.003806
#3	.0007139	.0000533	-.000455	.000675	.000229	.0154374	-.003722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000013	.0134639	.0002561	.0000202	.0027920	.0295969
Stddev	.000034	.000084	.0119261	.0004333	.0001673	.0012268	.0041323
%RSD	641.8533	625.9481	88.57878	169.2059	827.8656	43.94152	13.96187

#1	-.000016	.000043	.0270982	.0002761	.0002124	.0015355	.0250066
#2	-.000032	.000027	.0083236	-.000187	-.000059	.0028535	.0330201
#3	.000032	-.000110	.0049698	.000679	-.000093	.0039869	.0307640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002329	-.036347	.0001197	.0005106	-.302953	.0020633	-.011675
Stddev	.0005165	.022530	.0002220	.0002676	.123290	.0016114	.003719
%RSD	221.7523	61.98522	185.3863	52.40707	40.69619	78.09854	31.85619

#1	-.000322	-.010586	.0001257	.0008189	-.325283	.0031056	-.015475
#2	.000322	-.046084	.0003387	.0003385	-.170023	.0002073	-.008042
#3	.000699	-.052370	-.000105	.0003744	-.413551	.0028771	-.011508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042986	-.000003	.0028522	.0001798	-.014921	-.001725	-.000843
Stddev	.024619	.000801	.0012548	.0001958	.007368	.000831	.000086
%RSD	57.27134	26761.76	43.99558	108.9002	49.38086	48.15580	10.25299

#1	-.069237	.000836	.0014278	.0003319	-.013406	-.000785	-.000744
#2	-.039307	-.000761	.0037947	.0002486	-.022929	-.002030	-.000889
#3	-.020414	-.000084	.0033340	-.000041	-.008428	-.002361	-.000897

Sample Name: CCB044 Acquired: 5/31/2017 15:14:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005078	.0000321	.0001389
Stddev	.0012115	.0005631	.0000485
%RSD	238.5845	1756.510	34.90784

#1	-.000118	-.000150	.0001892
#2	.001904	-.000417	.0001351
#3	-.000263	.000664	.0000925

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.254	2628.880	58011.39	4181.961	3956.935
Stddev	12.113	9.165	201.71	8.979	15.269
%RSD	.6736087	.3486310	.3477086	.2147047	.3858809

#1	1808.904	2618.504	58226.33	4183.838	3942.699
#2	1800.782	2635.869	57981.65	4172.192	3973.061
#3	1785.077	2632.269	57826.21	4189.853	3955.045

Sample Name: PB99360BL Acquired: 5/31/2017 15:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000906	-.000109	-.001415	-.000030	-.000887	.0052557	-.005263
Stddev	.003795	.001711	.000986	.001716	.000144	.0043200	.000227
%RSD	418.8533	1566.783	69.69822	5664.515	16.19870	82.19619	4.308693

#1	.002470	-.001966	-.000855	.000220	-.000890	.0004917	-.005494
#2	-.000175	.000236	-.002554	.001547	-.001030	.0089186	-.005255
#3	-.005013	.001402	-.000836	-.001858	-.000742	.0063569	-.005041

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000585	-.000034	-.002251	.0000071	.0000218	.0022706	-.004504
Stddev	.0000510	.000054	.006443	.0002126	.0001053	.0013663	.021231
%RSD	87.27915	158.6064	286.2233	3012.287	482.3047	60.17516	471.3867

#1	.0001126	-.000005	.000130	-.000206	.0000916	.0013944	.019560
#2	.0000112	-.000001	.002662	.000008	.0000732	.0038449	-.012482
#3	.0000517	-.000096	-.009545	.000219	-.000099	.0015725	-.020590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000182	.0040443	.0001775	.0006858	-.270218	.0005748	-.002655
Stddev	.000451	.0261374	.0005370	.0001086	.150005	.0036161	.022949
%RSD	247.7087	646.2756	302.5595	15.83707	55.51272	629.0549	864.4424

#1	.000009	.0310438	-.000441	.0005918	-.104428	-.003593	.008622
#2	.000142	.0022251	.000526	.0006610	-.309674	.002443	.012474
#3	-.000697	-.021136	.000447	.0008047	-.396552	.002875	-.029060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.077247	.0008710	-.003436	-.000087	-.007755	-.002078	-.001120
Stddev	.023076	.0011198	.001125	.000070	.011546	.000448	.000143
%RSD	29.87333	128.5684	32.72744	80.24012	148.8761	21.57044	12.78678

#1	-.097911	.0004542	-.004189	-.000108	.001504	-.002128	-.000987
#2	-.081484	.0021394	-.002143	-.000009	-.020691	-.002500	-.001272
#3	-.052346	.0000193	-.003976	-.000145	-.004078	-.001607	-.001102

Sample Name: PB99360BL Acquired: 5/31/2017 15:25:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006129	-.000909	-.000118
Stddev	.0006663	.000116	.000025
%RSD	108.7124	12.73615	20.86204

#1	-.000064	-.000775	-.000143
#2	.000634	-.000983	-.000115
#3	.001268	-.000968	-.000094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.851	2602.966	57100.44	4193.293	3916.314
Stddev	5.704	8.236	137.26	1.182	12.909
%RSD	.3232111	.3163943	.2403917	.0281875	.3296290

#1	1767.943	2605.906	57241.95	4192.443	3905.131
#2	1768.342	2609.329	56967.86	4192.793	3930.441
#3	1758.268	2593.664	57091.50	4194.642	3913.368

Sample Name: PB99360BS Acquired: 5/31/2017 15:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221152	.0602454	.0207814	.0737718	.1255794	.4150743
Stddev	.0025443	.0022548	.0001807	.0008469	.0060677	.0179495
%RSD	11.50496	3.742714	.8693851	1.147946	4.831758	4.324417

#1	.0209909	.0586880	.0206083	.0732043	.1228775	.4055601
#2	.0203268	.0592173	.0207673	.0733658	.1213321	.4038847
#3	.0250281	.0628311	.0209688	.0747452	.1325288	.4357780

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4042485	.0115160	.0101523	10.90085	.0244495	.0986625
Stddev	.0147946	.0003481	.0003565	.40630	.0011904	.0036329
%RSD	3.659785	3.022842	3.511042	3.727186	4.868662	3.682180

#1	.3960895	.0113099	.0100189	10.72404	.0241141	.0971571
#2	.3953298	.0113201	.0098819	10.61292	.0257715	.0960243
#3	.4213262	.0119179	.0105563	11.36559	.0234628	.1028062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539765	.2257322	.0351794	10.56467	.0807188	.0233282
Stddev	.0034330	.0160270	.0012246	.39712	.0026127	.0009068
%RSD	6.360170	7.100014	3.481091	3.758947	3.236793	3.887290

#1	.0542939	.2338301	.0342306	10.27763	.0797310	.0229661
#2	.0503958	.2072720	.0347458	10.39850	.0787440	.0243602
#3	.0572397	.2360945	.0365618	11.01789	.0836814	.0226584

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39807	.1130322	.1255512	9.262631	F .0272265	F .0173601
Stddev	.41822	.0028389	.0102013	.401944	.0025341	.0010270
%RSD	4.022049	2.511614	8.125225	4.339418	9.307639	5.915841

#1	10.20934	.1141213	.1164788	9.022591	.0255022	.0179505
#2	10.10747	.1098099	.1235809	9.038637	.0260411	.0161742
#3	10.87739	.1151653	.1365940	9.726663	.0301360	.0179556

Sample Name: PB99360BS Acquired: 5/31/2017 15:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222702	.5790778	.2161150	F .0136753	.2155869	.0957445
Stddev	.0006953	.0255715	.0067660	.0008952	.0060060	.0040586
%RSD	3.122074	4.415902	3.130738	6.545756	2.785876	4.238940

#1	.0219684	.5689967	.2117568	.0130624	.2118611	.0929718
#2	.0217768	.5600833	.2126788	.0132609	.2123842	.0938589
#3	.0230654	.6081533	.2239096	.0147025	.2225155	.1004028

Elem	Sr4077
Units	ppm
Avg	.2170102
Stddev	.0078237
%RSD	3.605208

#1	.2124948
#2	.2124916
#3	.2260442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.267	2614.594	55866.17	4370.841	3841.769
Stddev	87.876	87.689	2435.44	142.917	123.231
%RSD	5.055374	3.353820	4.359412	3.269776	3.207654

#1	1783.834	2655.013	57204.28	4438.252	3894.551
#2	1636.967	2674.783	53055.05	4467.584	3929.816
#3	1794.000	2513.985	57339.17	4206.686	3700.938

Sample Name: I3370-01 Acquired: 5/31/2017 15:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259862	-.002680	.1933977	-.024284	.0027838	70.41106	.9749715
Stddev	.0006324	.000371	.0035695	.002258	.0009745	.24364	.0018228
%RSD	2.433746	13.84448	1.845693	9.299715	35.00534	.3460270	.1869607

#1	.0257892	-.002453	.1960243	-.024318	.0017351	70.66906	.9742800
#2	.0254757	-.002479	.1893335	-.026526	.0036614	70.18491	.9735956
#3	.0266937	-.003108	.1948352	-.022010	.0029549	70.37922	.9770388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051166	.0068734	28.53412	.1814750	.0762094	.1732500	152.2402
Stddev	.0000637	.0002006	.21120	.0007156	.0016660	.0012014	.6572
%RSD	1.245777	2.918831	.7401709	.3943259	2.186045	.6934543	.4316629

#1	.0051689	.0070466	28.77373	.1809348	.0763374	.1720532	152.9662
#2	.0051352	.0066535	28.37500	.1812036	.0744830	.1744560	151.6860
#3	.0050456	.0069200	28.45363	.1822866	.0778076	.1732409	152.0684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.658506	37.40701	.0910832	-.004989	.7117677	.2614428	1.815083
Stddev	.020564	.23272	.0009686	.000227	.1122567	.0031312	.043166
%RSD	.5620780	.6221379	1.063383	4.558572	15.77153	1.197660	2.378209

#1	3.681940	37.55609	.0908028	-.005165	.6239821	.2647500	1.784236
#2	3.643473	37.13884	.0902857	-.005069	.8382548	.2585237	1.796600
#3	3.650104	37.52608	.0921610	-.004732	.6730660	.2610549	1.864414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.44906	4.450342	-.394196	.0019672	9.941271	3.282611	.0086986
Stddev	.08097	.086483	.002733	.0003589	.170583	.025775	.0006568
%RSD	.3061345	1.943297	.6931998	18.24638	1.715908	.7851905	7.550917

#1	26.51938	4.448334	-.396668	.0022554	9.928566	3.303086	.0089237
#2	26.36054	4.364880	-.394658	.0015651	9.777396	3.291080	.0079589
#3	26.46725	4.537812	-.391262	.0020810	10.11785	3.253667	.0092133

Sample Name: I3370-01 Acquired: 5/31/2017 15:33:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.198557	.0736548	.1563648
Stddev	.021133	.0008973	.0004844
%RSD	.4065085	1.218320	.3097898

#1	5.222605	.0746321	.1568400
#2	5.190123	.0734642	.1558717
#3	5.182944	.0728681	.1563828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.565	2630.265	60354.20	4648.467	3368.222
Stddev	22.334	38.667	380.35	28.416	57.890
%RSD	1.222072	1.470066	.6301890	.6112976	1.718700

#1	1842.720	2627.846	60615.04	4616.798	3363.552
#2	1838.059	2670.084	60529.78	4656.868	3428.305
#3	1801.917	2592.864	59917.78	4671.736	3312.809

Sample Name: I3370-02 Acquired: 5/31/2017 15:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538543	-.001098	.1455511	-.027873	.0035251	82.95031	1.019382
Stddev	.0033421	.001336	.0022607	.002592	.0006070	.38378	.006135
%RSD	6.205822	121.6642	1.553189	9.298497	17.21844	.4626572	.6018527

#1	.0533234	-.001386	.1442083	-.025034	.0041800	83.13411	1.023221
#2	.0508093	-.002267	.1442839	-.030112	.0029815	82.50920	1.012306
#3	.0574300	.000358	.1481611	-.028475	.0034137	83.20762	1.022617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060276	.0069116	23.07695	.1883161	.0847008	.2253225	157.5219
Stddev	.0001305	.0000497	.02631	.0055010	.0010465	.0010334	.5036
%RSD	2.164464	.7197114	.1140069	2.921130	1.235514	.4586298	.3196882

#1	.0060166	.0069167	23.04899	.1822053	.0847031	.2263236	157.3513
#2	.0061633	.0068596	23.08065	.1898701	.0836532	.2242596	157.1257
#3	.0059030	.0069587	23.10122	.1928729	.0857462	.2253842	158.0886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.036508	36.44577	.0977929	-.004764	.8240743	.2924330	1.077374
Stddev	.017407	.06832	.0013883	.000373	.1178517	.0025923	.039122
%RSD	.4312364	.1874579	1.419669	7.830028	14.30110	.8864714	3.631271

#1	4.017787	36.48899	.0972652	-.004700	.7087860	.2933810	1.034253
#2	4.039531	36.36700	.0967458	-.004427	.9443322	.2895001	1.110595
#3	4.052205	36.48131	.0993677	-.005164	.8191047	.2944179	1.087274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.52194	4.035335	-.412678	.0009277	5.062390	2.230472	.0109356
Stddev	.11348	.066929	.003724	.0002630	.103786	.012742	.0009713
%RSD	.4627525	1.658577	.9023599	28.34480	2.050138	.5712736	8.882192

#1	24.57753	4.017956	-.408628	.0007905	5.033702	2.220041	.0119281
#2	24.39139	3.978810	-.415955	.0012309	4.975966	2.226701	.0108917
#3	24.59691	4.109240	-.413450	.0007617	5.177503	2.244674	.0099869

Sample Name: I3370-02 Acquired: 5/31/2017 15:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.925278	.0781703	.1405303
Stddev	.026189	.0009786	.0008331
%RSD	.4419884	1.251913	.5927949

#1	5.930497	.0775128	.1408017
#2	5.896872	.0792949	.1395954
#3	5.948465	.0777031	.1411938

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.107	2795.653	63216.81	4839.991	3383.122
Stddev	55.876	25.562	1494.07	6.045	37.335
%RSD	2.887496	.9143531	2.363407	.1248944	1.103570

#1	1998.007	2804.066	64884.09	4835.391	3389.532
#2	1916.100	2815.948	62767.07	4846.837	3416.837
#3	1891.213	2766.944	61999.28	4837.744	3342.997

Sample Name: I3370-03 Acquired: 5/31/2017 15:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1208333	.1232917	.1811019	.0565105	.1790463	85.73078	4.719195
Stddev	.0005725	.0019383	.0017649	.0039281	.0028008	.06564	.001274
%RSD	.4737774	1.572089	.9745366	6.951058	1.564289	.0765662	.0269927

#1	.1204525	.1249701	.1818559	.0552459	.1761977	85.80403	4.717783
#2	.1214917	.1237346	.1823646	.0533706	.1817967	85.67730	4.720258
#3	.1205557	.1211702	.1790853	.0609152	.1791445	85.71101	4.719545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924675	.1003639	22.81132	.5607077	1.064776	.6769165	157.3542
Stddev	.0007209	.0007287	.06119	.0020510	.004479	.0030586	.4012
%RSD	.7795888	.7260857	.2682232	.3657911	.4206106	.4518461	.2549551

#1	.0916358	.0995231	22.83915	.5602092	1.059757	.6780087	157.1585
#2	.0929133	.1007547	22.85365	.5589519	1.068363	.6734617	157.8157
#3	.0928534	.1008139	22.74117	.5629620	1.066209	.6792791	157.0885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952859	35.95779	1.066303	.0375017	.8231977	1.239978	1.947778
Stddev	.017566	.11538	.005716	.0001720	.1284710	.005941	.024721
%RSD	.3546708	.3208716	.5360190	.4585482	15.60633	.4791204	1.269170

#1	4.950594	35.98714	1.061102	.0373179	.6922600	1.233434	1.976305
#2	4.971449	36.05565	1.072422	.0376587	.8282820	1.245033	1.932634
#3	4.936536	35.83057	1.065384	.0375283	.9490509	1.241465	1.934396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.28377	3.964077	-.415514	.0003270	4.958729	2.612405	.0114338
Stddev	.05278	.025298	.001993	.0006102	.040190	.004642	.0007241
%RSD	.2173483	.6381803	.4796013	186.6195	.8104987	.1776815	6.333175

#1	24.25871	3.939286	-.417815	.0005554	4.935222	2.607186	.0116199
#2	24.24818	3.989853	-.414371	.0007901	5.005135	2.616073	.0120467
#3	24.34441	3.963091	-.414356	-.000364	4.935828	2.613955	.0106348

Sample Name: I3370-03 Acquired: 5/31/2017 15:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.872889	.0779539	.1389213
Stddev	.006462	.0000740	.0003177
%RSD	.1100339	.0949709	.2287194

#1	5.869547	.0780362	.1386240
#2	5.868782	.0779327	.1388836
#3	5.880338	.0778927	.1392562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.237	2805.122	62908.92	4842.783	3403.571
Stddev	22.695	5.311	321.94	13.034	11.883
%RSD	1.176385	.1893309	.5117569	.2691487	.3491308

#1	1906.872	2807.816	62589.94	4843.051	3414.012
#2	1928.589	2799.004	62903.08	4829.616	3390.641
#3	1952.249	2808.545	63233.74	4855.681	3406.060

Sample Name: I3370-04 Acquired: 5/31/2017 15:45:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543620	.0002405	.1440639	-.028138	.0024883	83.05694	1.022221
Stddev	.0031905	.0005229	.0016898	.005642	.0010594	.12643	.001137
%RSD	5.868903	217.3678	1.172924	20.05014	42.57668	.1522226	.1112521

#1	.0566239	.0001179	.1425971	-.032536	.0032683	83.20210	1.020938
#2	.0557493	.0008139	.1436830	-.021777	.0029145	82.97086	1.023104
#3	.0507127	-.000210	.1459116	-.030101	.0012821	82.99787	1.022620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061527	.0065413	23.27229	.1900157	.0840601	.2217177	158.2272
Stddev	.0001227	.0000514	.08435	.0006977	.0007184	.0005397	.2757
%RSD	1.994890	.7856080	.3624496	.3671833	.8545971	.2434237	.1742643

#1	.0062370	.0064843	23.36590	.1897345	.0842127	.2215628	158.5250
#2	.0060119	.0065554	23.20218	.1908101	.0832777	.2212723	157.9808
#3	.0062093	.0065842	23.24878	.1895024	.0846900	.2223179	158.1756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.061073	36.55643	.0974000	-.005247	.7918908	.2947120	1.069980
Stddev	.010045	.20609	.0016173	.000593	.1860819	.0037674	.024441
%RSD	.2473441	.5637672	1.660457	11.29382	23.49844	1.278345	2.284269

#1	4.072374	36.79414	.0964994	-.005828	.9603394	.2909333	1.076036
#2	4.053160	36.42786	.0964336	-.005270	.8231883	.2984681	1.043080
#3	4.057685	36.44730	.0992671	-.004643	.5921447	.2947344	1.090824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.52374	4.041981	-.416266	.0007846	5.059906	2.251324	.0104217
Stddev	.03913	.017501	.001742	.0001690	.007934	.015814	.0001313
%RSD	.1595393	.4329884	.4184128	21.54004	.1568087	.7024471	1.259746

#1	24.49105	4.042920	-.417629	.0006066	5.052764	2.261693	.0105674
#2	24.56709	4.024029	-.414304	.0009429	5.058507	2.233122	.0103849
#3	24.51309	4.058994	-.416866	.0008043	5.068447	2.259157	.0103127

Sample Name: I3370-04 Acquired: 5/31/2017 15:45:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.923468	.0774293	.1399205
Stddev	.021544	.0005096	.0002761
%RSD	.3637029	.6581047	.1972967

#1	5.947008	.0770236	.1396897
#2	5.918661	.0772631	.1402263
#3	5.904733	.0780012	.1398455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.931	2822.897	63221.47	4826.560	3430.767
Stddev	7.326	8.244	77.42	27.336	13.258
%RSD	.3782426	.2920312	.1224651	.5663706	.3864483

#1	1928.522	2816.828	63132.16	4799.309	3421.227
#2	1941.931	2832.282	63262.61	4853.980	3445.906
#3	1940.341	2819.581	63269.64	4826.391	3425.168

Sample Name: I3370-05 Acquired: 5/31/2017 15:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114094	-.011323	.1745766	-.039568	.0045109	91.94713	.8354879
Stddev	.0028699	.002303	.0014372	.001615	.0022210	2.11629	.0202108
%RSD	25.15346	20.34058	.8232536	4.080786	49.23542	2.301636	2.419036

#1	.0139979	-.013982	.1743568	-.039432	.0038894	92.26107	.8387525
#2	.0119072	-.010052	.1732620	-.038025	.0069764	93.88890	.8538677
#3	.0083232	-.009935	.1761111	-.041246	.0026669	89.69140	.8138436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087146	.0102629	37.28614	.1794905	.0879002	.2272364	206.0011
Stddev	.0001866	.0002794	.74989	.0010732	.0005624	.0054788	4.6951
%RSD	2.141043	2.722333	2.011178	.5979204	.6398404	2.411060	2.279144

#1	.0088498	.0104549	37.16119	.1796503	.0880049	.2287667	205.7478
#2	.0087924	.0099424	38.09065	.1804748	.0872928	.2317873	210.8177
#3	.0085018	.0103915	36.60657	.1783463	.0884029	.2211551	201.4378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.725626	23.82127	.1272686	-.007710	1.066572	.3112019	1.361588
Stddev	.072249	.52521	.0007792	.000486	.074477	.0050257	.030212
%RSD	1.939243	2.204801	.6122737	6.297838	6.982793	1.614937	2.218850

#1	3.715150	23.88760	.1263692	-.007963	1.070935	.3150571	1.376821
#2	3.802540	24.31016	.1276969	-.007150	1.138771	.3130306	1.381150
#3	3.659186	23.26604	.1277397	-.008017	.990010	.3055178	1.326792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.81298	3.422667	-.548427	.0096149	7.730766	2.382517	.0171307
Stddev	.32016	.013785	.012451	.0001295	.062028	.060016	.0008942
%RSD	2.317853	.4027547	2.270302	1.346938	.8023584	2.519004	5.220136

#1	13.91770	3.407529	-.546388	.0096615	7.663260	2.371318	.0180067
#2	14.06766	3.425975	-.561772	.0094685	7.743788	2.447344	.0171660
#3	13.45356	3.434496	-.537122	.0097146	7.785249	2.328890	.0162192

Sample Name: I3370-05 Acquired: 5/31/2017 15:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.461129	.0820884	.1515895
Stddev	.086698	.0021708	.0039347
%RSD	1.943414	2.644451	2.595620

#1	4.472996	.0831894	.1523580
#2	4.541283	.0834881	.1550833
#3	4.369109	.0795877	.1473273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.521	3010.044	67994.65	5188.730	3360.394
Stddev	15.219	15.508	184.24	91.981	14.342
%RSD	.7371505	.5151977	.2709642	1.772704	.4268037

#1	2058.851	3019.594	67793.81	5187.483	3370.899
#2	2081.760	3018.387	68155.83	5097.379	3366.229
#3	2052.951	2992.151	68034.30	5281.328	3344.054

Sample Name: I3370-06 Acquired: 5/31/2017 15:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463528	-.019959	.1941432	-.057466	.0083157	76.97804	.9813334
Stddev	.0057750	.001502	.0031764	.004841	.0006758	.18847	.0010922
%RSD	12.45881	7.522942	1.636123	8.423586	8.127406	.2448346	.1112992

#1	.0487101	-.019863	.1907941	-.062229	.0078858	77.19547	.9801026
#2	.0397720	-.018508	.1971129	-.052551	.0090947	76.87728	.9821870
#3	.0505763	-.021506	.1945228	-.057616	.0079666	76.86136	.9817105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072237	.0130488	21.11824	.2818749	.0903556	.5682431	298.2262
Stddev	.0001308	.0004399	.08003	.0074794	.0013561	.0028498	.5435
%RSD	1.810982	3.371381	.3789642	2.653458	1.500843	.5015139	.1822523

#1	.0073248	.0125434	21.20866	.2780808	.0888034	.5712268	298.8471
#2	.0070759	.0132567	21.05652	.2770529	.0909526	.5655493	297.8363
#3	.0072702	.0133462	21.08954	.2904910	.0913107	.5679532	297.9953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.556542	32.02480	.1750731	-.010606	1.383136	.2800704	2.439412
Stddev	.011249	.11928	.0025599	.000751	.055961	.0042637	.075082
%RSD	.2468709	.3724566	1.462194	7.083219	4.045971	1.522383	3.077879

#1	4.567003	32.12197	.1723264	-.010745	1.386284	.2779295	2.355002
#2	4.544643	31.89168	.1755003	-.009795	1.437457	.2773012	2.464484
#3	4.557980	32.06075	.1773925	-.011278	1.325668	.2849803	2.498751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.17383	4.259796	-.791354	.0182692	7.798804	2.255589	.0274681
Stddev	.03627	.045766	.002030	.0000740	.069491	.005683	.0007673
%RSD	.1635686	1.074379	.2565116	.4048264	.8910518	.2519505	2.793579

#1	22.20962	4.209468	-.790821	.0183413	7.718572	2.258844	.0277462
#2	22.17478	4.271000	-.789643	.0181935	7.839981	2.249027	.0280577
#3	22.13710	4.298920	-.793597	.0182730	7.837860	2.258896	.0266005

Sample Name: I3370-06 Acquired: 5/31/2017 15:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.333647	.0707985	.1217785
Stddev	.015648	.0006190	.0003697
%RSD	.2933802	.8743205	.3035564

#1	5.350225	.0713335	.1221788
#2	5.331582	.0709415	.1214501
#3	5.319135	.0701205	.1217066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.302	2702.933	60963.15	4740.206	3351.344
Stddev	30.773	22.488	1184.97	23.555	38.829
%RSD	1.678553	.8319745	1.943751	.4969180	1.158620

#1	1853.234	2728.808	61670.16	4718.285	3396.053
#2	1848.812	2688.110	61624.18	4765.111	3331.920
#3	1797.860	2691.881	59595.12	4737.222	3326.060

Sample Name: I3370-07 Acquired: 5/31/2017 16:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005824	-.004912	-.000290	.0073333	-.021045	.1315551	.0333048
Stddev	.001716	.000447	.000375	.0033570	.000467	.0020616	.0006058
%RSD	29.46742	9.094382	129.4584	45.77793	2.219403	1.567093	1.818821

#1	-.006688	-.004822	-.000255	.0109010	-.020513	.1321317	.0340043
#2	-.003848	-.004517	.000067	.0068624	-.021230	.1332670	.0329492
#3	-.006938	-.005396	-.000681	.0042366	-.021390	.1292666	.0329611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000224	-.000077	2.772025	.0003169	-.000316	.1158342	.3226807
Stddev	.0000116	.000091	.023872	.0002443	.000327	.0014557	.0296914
%RSD	51.91982	118.0469	.8611914	77.10090	103.7770	1.256730	9.201485

#1	.0000315	-.000003	2.746009	.0002728	-.000340	.1154644	.3567846
#2	.0000264	-.000049	2.792923	.0000976	.000024	.1174392	.3086738
#3	.0000093	-.000179	2.777145	.0005803	-.000630	.1145991	.3025837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275459	.3650347	-.000037	.0007646	.0221350	.0009288	.3920365
Stddev	.0007211	.0048760	.000263	.0001023	.0088574	.0033897	.0067295
%RSD	2.617891	1.335768	710.2284	13.37920	40.01535	364.9517	1.716538

#1	.0274450	.3696486	.000258	.0008739	.0145958	-.002760	.3876058
#2	.0268806	.3655222	-.000123	.0006712	.0318900	.003907	.3887235
#3	.0283122	.3599332	-.000246	.0007486	.0199194	.001639	.3997801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020869	.9620656	-.002221	.0008109	1.935145	.9344108	1.271741
Stddev	.017853	.0114017	.000516	.0001128	.014772	.0060499	.009754
%RSD	85.54475	1.185125	23.24319	13.91284	.7633526	.6474607	.7669752

#1	-.038991	.9658979	-.001691	.0007555	1.936189	.9278015	1.274700
#2	-.003299	.9492415	-.002249	.0009407	1.919879	.9396750	1.260850
#3	-.020318	.9710574	-.002722	.0007365	1.949367	.9357560	1.279673

Sample Name: I3370-07 Acquired: 5/31/2017 16:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0096170	-.001589	.0153885
Stddev	.0003095	.000659	.0000997
%RSD	3.218450	41.46764	.6480968

#1	.0093552	-.002347	.0154154
#2	.0095372	-.001276	.0154720
#3	.0099586	-.001145	.0152780

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.093	2520.119	59473.73	4364.752	3983.398
Stddev	27.953	22.930	831.51	35.045	30.209
%RSD	1.591749	.9098916	1.398117	.8029106	.7583822

#1	1778.319	2498.387	60134.12	4367.927	3957.198
#2	1765.248	2544.084	59747.13	4328.228	4016.442
#3	1724.710	2517.885	58539.94	4398.103	3976.553

Sample Name: I3295-12 Acquired: 5/31/2017 16:06:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0713565	-.031257	20.95620	-.049994	.0063097	80.17920	1.182511
Stddev	.0019188	.002219	.23571	.002273	.0010558	.49848	.011332
%RSD	2.689091	7.098231	1.124780	4.545561	16.73287	.6217063	.9582821

#1	.0725177	-.032577	20.69382	-.052262	.0052148	80.25437	1.184484
#2	.0691417	-.028695	21.02474	-.047717	.0073215	79.64740	1.170323
#3	.0724101	-.032498	21.15005	-.050003	.0063930	80.63582	1.192727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094509	.1444690	336.4895	.0938512	.2673650	.7062323	230.9492
Stddev	.0002306	.0017629	1.5630	.0014329	.0024528	.0057450	.8025
%RSD	2.440331	1.220237	.4645110	1.526721	.9173863	.8134720	.3474590

#1	.0093386	.1424667	335.1950	.0946671	.2645666	.7041698	230.2925
#2	.0092980	.1451524	336.0477	.0921968	.2683862	.7018033	230.7114
#3	.0097162	.1457878	338.2259	.0946898	.2691422	.7127238	231.8437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.12628	169.1684	.2691009	.0031537	1.271126	.2189821	7.687319
Stddev	.09254	.3221	.0029761	.0003838	.047842	.0039089	.052778
%RSD	.4838391	.1904091	1.105959	12.17157	3.763769	1.785050	.6865598

#1	19.05004	168.9584	.2658290	.0027804	1.325212	.2232786	7.702381
#2	19.09956	169.0075	.2698267	.0031332	1.253829	.2180318	7.730928
#3	19.22924	169.5393	.2716471	.0035473	1.234339	.2156360	7.628647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.11412	6.449316	-.607718	.0038537	27.24631	10.18090	.0110829
Stddev	.12717	.066218	.002762	.0003474	.29856	.02737	.0015686
%RSD	1.049777	1.026744	.4545500	9.014399	1.095787	.2688748	14.15358

#1	12.11721	6.381071	-.604893	.0036852	26.92271	10.16991	.0101042
#2	11.98543	6.453574	-.607848	.0042532	27.30517	10.16073	.0128922
#3	12.23971	6.513302	-.610413	.0036227	27.51107	10.21206	.0102524

Sample Name: I3295-12 Acquired: 5/31/2017 16:06:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA118 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5913354	.0552493	.1154274
Stddev	.0057560	.0005809	.0009385
%RSD	.9733944	1.051476	.8130521

#1	.5885100	.0557984	.1155694
#2	.5875380	.0546411	.1144260
#3	.5979581	.0553083	.1162868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.976	2608.256	60279.19	4798.302	2974.326
Stddev	15.082	13.912	129.67	11.336	23.135
%RSD	.8332490	.5333850	.2151215	.2362552	.7778226

#1	1810.731	2624.309	60237.47	4804.264	3000.271
#2	1794.531	2600.759	60424.59	4805.414	2966.867
#3	1824.666	2599.700	60175.51	4785.229	2955.842

Sample Name: I3295-13 Acquired: 5/31/2017 16:10:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826797	-.049522	36.62908	-.087272	.0062936	72.31784
Stddev	.0063202	.000852	.25343	.005619	.0027452	.65839
%RSD	7.644139	1.720405	.6918863	6.438546	43.61845	.9104052

#1	.0816391	-.050193	36.38045	-.088506	.0051699	72.62793
#2	.0894556	-.048563	36.61974	-.092172	.0042886	71.56167
#3	.0769445	-.049809	36.88705	-.081139	.0094224	72.76392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.475898	.0119607	.1179980	F 957.2764	.1057274	.5054131
Stddev	.010879	.0001645	.0007657	7.6505	.0017485	.0050584
%RSD	.7370996	1.374942	.6488989	.7991963	1.653803	1.000850

#1	1.479369	.0120665	.1171391	959.8054	.1077435	.5009413
#2	1.463707	.0117713	.1182461	948.6816	.1046253	.5043948
#3	1.484618	.0120445	.1186090	963.3422	.1048135	.5109032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.346612	337.9281	F 34.06812	456.8803	.3908821	-.001962
Stddev	.018290	2.1457	.29461	4.5076	.0044692	.000647
%RSD	1.358259	.6349677	.8647770	.9866134	1.143352	32.99828

#1	1.353069	338.9521	34.16182	459.2112	.3867174	-.002576
#2	1.325969	335.4622	33.73805	451.6844	.3903255	-.002025
#3	1.360799	339.3700	34.30449	459.7452	.3956035	-.001286

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.125084	.2234940	6.506291	9.604619	5.481027	-.943768
Stddev	.067563	.0051840	.145793	.068051	.020402	.009363
%RSD	3.179286	2.319538	2.240793	.7085244	.3722291	.9920632

#1	2.085990	.2294413	6.668552	9.601712	5.471136	-.952993
#2	2.086164	.2199319	6.386315	9.538068	5.467455	-.934273
#3	2.203098	.2211088	6.464007	9.674077	5.504489	-.944038

Sample Name: I3295-13 Acquired: 5/31/2017 16:10:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA119 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035031	46.73553	20.79385	.0440908	.7404140	.0647041
Stddev	.0002404	.37117	.16274	.0015762	.0067746	.0013266
%RSD	6.862408	.7941898	.7826401	3.574929	.9149690	2.050292

#1	.0032400	46.34757	20.94976	.0429261	.7449009	.0657369
#2	.0037113	46.77179	20.62504	.0434618	.7326212	.0632079
#3	.0035578	47.08725	20.80675	.0458843	.7437199	.0651674

Elem	Sr4077
Units	ppm
Avg	.2418828
Stddev	.0022035
%RSD	.9109583

#1	.2426650
#2	.2393950
#3	.2435884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.456	2332.063	54172.18	4473.378	2566.909
Stddev	26.113	10.475	927.95	33.244	13.711
%RSD	1.633669	.4491931	1.712955	.7431418	.5341627

#1	1568.902	2332.802	53116.88	4451.034	2574.752
#2	1608.055	2342.150	54539.08	4511.582	2574.897
#3	1618.412	2321.238	54860.58	4457.520	2551.076

Sample Name: I3295-14 Acquired: 5/31/2017 16:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA120 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1526055	-.020272	8.323909	-.042922	.0077833	97.10930	5.239548
Stddev	.0019053	.001292	.041883	.001394	.0007186	1.36657	.085776
%RSD	1.248511	6.372701	.5031617	3.248290	9.232917	1.407249	1.637093

#1	.1506578	-.021706	8.299451	-.043338	.0072218	98.07439	5.306630
#2	.1544653	-.019910	8.372270	-.044061	.0085932	95.54556	5.142899
#3	.1526935	-.019199	8.300005	-.041367	.0075351	97.70793	5.269114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070826	.0255989	125.7756	.1456663	.1851401	.6899559	227.4824
Stddev	.0000929	.0001784	1.3575	.0017127	.0011641	.0141531	2.8204
%RSD	1.311748	.6967695	1.079297	1.175747	.6287503	2.051310	1.239817

#1	.0071869	.0254948	126.6768	.1474026	.1847373	.7027516	229.3830
#2	.0070518	.0258049	124.2143	.1439783	.1864521	.6747539	224.2418
#3	.0070089	.0254971	126.4358	.1456179	.1842310	.6923624	228.8222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.66567	57.18797	.1874058	-.005104	1.309263	.2812868	2.067381
Stddev	.14941	.42483	.0018334	.000493	.084748	.0066619	.019177
%RSD	1.179676	.7428644	.9783177	9.653861	6.472984	2.368346	.9276214

#1	12.79325	57.46761	.1873921	-.005667	1.289455	.2815460	2.087753
#2	12.50129	56.69911	.1892460	-.004895	1.236173	.2744991	2.049678
#3	12.70247	57.39719	.1855792	-.004750	1.402161	.2878152	2.064712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72555	7.735143	-.571811	.0075907	22.69287	14.75902	.0213194
Stddev	.27342	.060874	.007503	.0002438	.18155	.20108	.0005865
%RSD	1.856805	.7869733	1.312188	3.211696	.8000210	1.362389	2.750840

#1	14.95160	7.716642	-.576514	.0076835	22.70842	14.91192	.0217321
#2	14.42164	7.803120	-.563158	.0073141	22.86614	14.53125	.0215781
#3	14.80342	7.685666	-.575761	.0077744	22.50404	14.83389	.0206481

Sample Name: I3295-14 Acquired: 5/31/2017 16:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA120 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9201733	.0586073	.1781624
Stddev	.0114750	.0010287	.0027943
%RSD	1.247045	1.755286	1.568418

#1	.9293404	.0591927	.1801795
#2	.9073043	.0574195	.1749729
#3	.9238750	.0592098	.1793349

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.892	2539.738	59291.53	4627.166	3208.538
Stddev	19.984	11.937	547.63	48.623	17.482
%RSD	1.127225	.4699954	.9236154	1.050806	.5448623

#1	1753.073	2548.270	58753.50	4586.357	3215.578
#2	1793.038	2526.098	59848.27	4680.964	3188.634
#3	1772.564	2544.847	59272.81	4614.177	3221.403

Sample Name: I3295-15 Acquired: 5/31/2017 16:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA121 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1183735	-.021529	5.140462	-.041991	.0057330	82.51439	2.116501
Stddev	.0037763	.001985	.059813	.003667	.0019769	.17230	.009344
%RSD	3.190196	9.220579	1.163578	8.733841	34.48257	.2088124	.4414748

#1	.1178533	-.021048	5.078365	-.045435	.0036163	82.59747	2.122439
#2	.1223830	-.023711	5.145328	-.038135	.0060513	82.62940	2.121333
#3	.1148842	-.019829	5.197694	-.042402	.0075314	82.31629	2.105730

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081697	.0209964	162.7838	.1282046	.1570426	.3542631	215.5273
Stddev	.0001260	.0004078	.3342	.0012373	.0016722	.0005248	.3967
%RSD	1.542065	1.941995	.2053016	.9651001	1.064809	.1481403	.1840519

#1	.0082474	.0205416	162.4731	.1279794	.1552922	.3543574	215.1808
#2	.0082374	.0211184	163.1373	.1270952	.1572117	.3536976	215.9600
#3	.0080244	.0213293	162.7409	.1295390	.1586238	.3547344	215.4410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59553	73.64659	.1610843	-.005451	1.135919	.2500560	1.706715
Stddev	.04079	.28578	.0022663	.000243	.091853	.0079205	.037621
%RSD	.2794457	.3880439	1.406935	4.450698	8.086204	3.167497	2.204290

#1	14.57065	73.41597	.1592409	-.005365	1.176114	.2436129	1.665165
#2	14.64260	73.96631	.1603973	-.005725	1.200823	.2476561	1.738469
#3	14.57334	73.55750	.1636147	-.005263	1.030820	.2588989	1.716510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.17515	8.328182	-.541368	.0082182	18.08827	13.22740	.0332069
Stddev	.02948	.086545	.002350	.0001631	.23911	.00536	.0014108
%RSD	.2237630	1.039179	.4341579	1.984937	1.321894	.0405072	4.248436

#1	13.20001	8.237156	-.540252	.0081772	17.88322	13.22450	.0316051
#2	13.14258	8.337978	-.544068	.0083979	18.03069	13.22411	.0342645
#3	13.18287	8.409411	-.539783	.0080795	18.35092	13.23358	.0337511

Sample Name: I3295-15 Acquired: 5/31/2017 16:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA121 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9432136	.0550801	.1393593
Stddev	.0060728	.0005940	.0005496
%RSD	.6438404	1.078478	.3943692

#1	.9463272	.0557651	.1398471
#2	.9470981	.0547680	.1394668
#3	.9362155	.0547072	.1387638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.317	2600.792	58625.83	4634.496	3173.521
Stddev	10.218	17.559	112.65	6.651	25.538
%RSD	.5798330	.6751577	.1921521	.1435110	.8047332

#1	1768.545	2615.198	58506.17	4633.477	3198.526
#2	1767.882	2605.946	58729.83	4628.412	3174.556
#3	1750.524	2581.233	58641.50	4641.597	3147.481

Sample Name: I3295-16 Acquired: 5/31/2017 16:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA122 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771066	-.017873	5.178960	-.031991	.0049158	73.34562	2.285066
Stddev	.0018910	.000540	.020745	.002790	.0017500	.99413	.027734
%RSD	2.452416	3.019059	.4005601	8.721299	35.59880	1.355402	1.213696

#1	.0791573	-.018341	5.176239	-.030843	.0040312	73.94801	2.305877
#2	.0754319	-.017995	5.159709	-.029958	.0069315	73.89067	2.295740
#3	.0767306	-.017283	5.200931	-.035172	.0037848	72.19817	2.253581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071730	.0218042	128.1078	.1104285	.1804594	.3613904	166.7685
Stddev	.0000670	.0003318	1.5546	.0006829	.0005156	.0058501	2.0917
%RSD	.9342618	1.521477	1.213511	.6183817	.2857301	1.618769	1.254230

#1	.0072440	.0216790	129.1589	.1102716	.1803884	.3650912	168.0822
#2	.0071639	.0215533	128.8425	.1098377	.1799830	.3644341	167.8669
#3	.0071109	.0221803	126.3220	.1111761	.1810069	.3546460	164.3565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.59826	53.37217	.1525632	-.002975	.8862537	.1962766	2.429332
Stddev	.21481	.77956	.0008882	.000303	.0342728	.0053773	.022373
%RSD	1.294196	1.460617	.5821937	10.18869	3.867156	2.739656	.9209445

#1	16.74700	54.02513	.1524698	-.003320	.8829626	.2024770	2.448623
#2	16.69580	53.58230	.1517254	-.002751	.8537451	.1934631	2.434567
#3	16.35198	52.50908	.1534945	-.002854	.9220533	.1928899	2.404806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36790	12.46378	-.405097	.0092251	19.33913	16.78242	.0298685
Stddev	.08498	.03495	.004071	.0004314	.14162	.15930	.0014165
%RSD	.6871015	.2804067	1.004846	4.676353	.7323095	.9492202	4.742498

#1	12.42720	12.47927	-.409056	.0087301	19.25750	16.92953	.0300314
#2	12.40595	12.42377	-.405313	.0094243	19.25724	16.80451	.0283776
#3	12.27054	12.48831	-.400923	.0095210	19.50266	16.61323	.0311965

Sample Name: I3295-16 Acquired: 5/31/2017 16:22:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA122 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.098753	.0541194	.1465297
Stddev	.013144	.0008475	.0017476
%RSD	1.196283	1.565958	1.192690

#1	1.108711	.0545704	.1477895
#2	1.103693	.0546460	.1472651
#3	1.083854	.0531418	.1445346

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.007	2570.741	59817.60	4717.915	3223.636
Stddev	4.912	11.530	132.63	57.694	12.337
%RSD	.2775173	.4485176	.2217232	1.222875	.3827184

#1	1770.667	2573.074	59767.22	4678.266	3226.752
#2	1764.798	2580.926	59717.53	4691.376	3234.117
#3	1774.556	2558.222	59968.03	4784.103	3210.039

Sample Name: I3295-17 Acquired: 5/31/2017 16:26:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA123 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938344	-.018370	5.527235	-.038078	.0021984	64.86755	1.141296
Stddev	.0044626	.003697	.016776	.003961	.0008847	.22173	.004389
%RSD	4.755788	20.12566	.3035133	10.40305	40.24340	.3418187	.3845440

#1	.0888234	-.015559	5.523582	-.039279	.0016051	64.86670	1.143564
#2	.0952998	-.022558	5.512586	-.041300	.0032153	64.64625	1.136237
#3	.0973800	-.016993	5.545536	-.033655	.0017749	65.08970	1.144086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072622	.0428311	389.7389	.0873509	.1153453	.3791978	174.1833
Stddev	.0000990	.0002279	.6550	.0011668	.0004086	.0070597	.4255
%RSD	1.363290	.5320330	.1680546	1.335702	.3542036	1.861754	.2443083

#1	.0073751	.0428094	389.0096	.0864450	.1150046	.3756383	173.8497
#2	.0071899	.0426149	389.9302	.0869404	.1152331	.3746264	174.0378
#3	.0072217	.0430691	390.2770	.0886675	.1157983	.3873287	174.6626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41783	121.1574	.1718372	-.003717	1.851701	.2187040	1.941201
Stddev	.02579	.5589	.0009810	.000428	.060084	.0027439	.058080
%RSD	.2475499	.4612752	.5709037	11.52022	3.244795	1.254629	2.991942

#1	10.40320	121.2137	.1726747	-.003961	1.837423	.2205303	1.960568
#2	10.40267	120.5724	.1707579	-.003223	1.800043	.2155486	1.875912
#3	10.44760	121.6859	.1720791	-.003967	1.917638	.2200330	1.987122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.37777	4.538851	-.455473	.0030404	33.31380	17.35020	.0076278
Stddev	.06951	.014233	.002476	.0004558	.12393	.01375	.0010559
%RSD	.5615342	.3135921	.5435927	14.99244	.3720015	.0792645	13.84227

#1	12.33502	4.532780	-.455089	.0030877	33.24585	17.35593	.0070480
#2	12.34032	4.528659	-.453211	.0034708	33.23872	17.33451	.0069889
#3	12.45797	4.555113	-.458118	.0025628	33.45685	17.36016	.0088465

Sample Name: I3295-17 Acquired: 5/31/2017 16:26:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA123 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8958840	.0735503	.3631715
Stddev	.0031275	.0004139	.0013482
%RSD	.3490925	.5627857	.3712195

#1	.8943211	.0738251	.3630634
#2	.8938461	.0730742	.3618806
#3	.8994849	.0737515	.3645704

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.718	2470.521	56612.78	4549.584	2993.285
Stddev	7.350	4.670	319.05	2.647	2.467
%RSD	.4334416	.1890286	.5635647	.0581864	.0824149

#1	1704.074	2465.145	56720.75	4546.543	2992.680
#2	1692.828	2472.844	56863.85	4550.832	2995.997
#3	1690.252	2473.574	56253.76	4551.376	2991.176

Sample Name: I3295-18 Acquired: 5/31/2017 16:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836691	-.020522	11.72798	-.042090	.0047887	77.54091	2.076517
Stddev	.0058657	.001806	.08294	.002920	.0003689	.07921	.002152
%RSD	7.010528	8.801965	.7071780	6.938267	7.702695	.1021507	.1036457

#1	.0829645	-.020247	11.66457	-.039050	.0043638	77.62904	2.077627
#2	.0898553	-.018869	11.69753	-.042347	.0050268	77.47565	2.074037
#3	.0781876	-.022450	11.82184	-.044874	.0049755	77.51804	2.077888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080175	.0425759	215.7674	.1197904	.2086253	.5389689	208.2375
Stddev	.0000348	.0001955	.5647	.0009324	.0012230	.0020260	.1924
%RSD	.4344976	.4591158	.2617335	.7783798	.5862173	.3759066	.0923724

#1	.0080403	.0424409	215.7363	.1192479	.2076867	.5371519	208.3651
#2	.0079774	.0424867	215.2189	.1192562	.2081809	.5386014	208.0163
#3	.0080349	.0428000	216.3471	.1208670	.2100084	.5411536	208.3311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.83248	103.7504	.2001350	-.003500	1.092765	.2379375	3.452986
Stddev	.03790	.5271	.0022584	.000274	.107879	.0044002	.038643
%RSD	.2953171	.5080604	1.128451	7.830900	9.872086	1.849306	1.119124

#1	12.80767	103.9394	.1987088	-.003800	1.022629	.2427883	3.493150
#2	12.81367	103.1548	.1989575	-.003264	1.038680	.2368213	3.449741
#3	12.87610	104.1569	.2027389	-.003435	1.216988	.2342029	3.416068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.65867	8.413510	-.522554	.0068874	23.45901	27.43582	.0271683
Stddev	.01896	.058918	.001518	.0001689	.14218	.43874	.0006946
%RSD	.1625835	.7002766	.2904410	2.451597	.6060725	1.599165	2.556764

#1	11.64074	8.368417	-.522807	.0066935	23.30924	27.94195	.0279029
#2	11.65676	8.391939	-.523929	.0069670	23.47566	27.20213	.0270798
#3	11.67850	8.480173	-.520925	.0070017	23.59213	27.16339	.0265221

Sample Name: I3295-18 Acquired: 5/31/2017 16:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA124 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9570808	.0505548	.1273903
Stddev	.0100238	.0009773	.0002720
%RSD	1.047330	1.933084	.2135496

#1	.9599124	.0504811	.1270858
#2	.9653842	.0496164	.1276093
#3	.9459458	.0515668	.1274757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.861	2509.201	58527.10	4657.649	3094.050
Stddev	5.273	7.435	107.35	6.056	9.553
%RSD	.3048050	.2963124	.1834163	.1300133	.3087478

#1	1727.261	2517.389	58464.48	4651.331	3101.015
#2	1735.929	2507.343	58651.05	4663.403	3097.975
#3	1726.392	2502.872	58465.76	4658.213	3083.160

Sample Name: I3295-19 Acquired: 5/31/2017 16:34:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886808	-.026505	7.451146	-.055364	.0064789	98.61509	1.883043
Stddev	.0039393	.000781	.007268	.001500	.0012939	.17359	.008856
%RSD	4.442103	2.945519	.0975468	2.710063	19.97136	.1760277	.4702804

#1	.0883563	-.027203	7.446924	-.053664	.0050053	98.80911	1.891159
#2	.0927724	-.026651	7.446974	-.056501	.0070022	98.56169	1.884371
#3	.0849138	-.025662	7.459538	-.055927	.0074293	98.47449	1.873598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102592	.0399344	120.8704	.1406062	.2549154	.9669911	249.6036
Stddev	.0000946	.0002806	.0553	.0005226	.0010262	.0028545	.7480
%RSD	.9223835	.7027651	.0457849	.3716786	.4025606	.2951921	.2996580

#1	.0103602	.0396834	120.8065	.1403008	.2554391	.9638521	250.0711
#2	.0102448	.0398823	120.9005	.1403081	.2537331	.9694314	249.9987
#3	.0101725	.0402374	120.9042	.1412096	.2555742	.9676897	248.7409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.79877	52.36046	.2488016	-.005022	1.743894	.3174298	2.095591
Stddev	.02899	.25465	.0007512	.000486	.052982	.0046210	.013820
%RSD	.1393656	.4863326	.3019368	9.681335	3.038144	1.455741	.6594847

#1	20.76582	52.46435	.2492396	-.004618	1.794896	.3158705	2.102368
#2	20.82034	52.54674	.2479342	-.004886	1.747652	.3226287	2.104714
#3	20.81014	52.07030	.2492310	-.005562	1.689132	.3137903	2.079690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.234472	6.781348	-.647115	.0063707	18.49663	16.36279	.0128995
Stddev	.052070	.016589	.003268	.0002625	.08272	.02017	.0010551
%RSD	.5638682	.2446310	.5050337	4.119686	.4472279	.1232781	8.179720

#1	9.266071	6.779523	-.646109	.0062698	18.55010	16.34228	.0132237
#2	9.262972	6.765747	-.650768	.0061736	18.40134	16.38261	.0117202
#3	9.174373	6.798775	-.644469	.0066686	18.53844	16.36349	.0137544

Sample Name: I3295-19 Acquired: 5/31/2017 16:34:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA125 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.137189	.0599273	.0998444
Stddev	.004017	.0003213	.0004002
%RSD	.3532175	.5360885	.4007795

#1	1.136044	.0600945	.1003064
#2	1.141654	.0601304	.0996074
#3	1.133870	.0595569	.0996193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.358	2723.501	63288.71	5008.977	3178.331
Stddev	17.457	12.196	129.06	16.328	10.386
%RSD	.9278819	.4478234	.2039226	.3259677	.3267773

#1	1861.746	2714.691	63141.47	4994.212	3171.167
#2	1887.129	2737.422	63382.25	5006.206	3190.242
#3	1895.198	2718.391	63342.42	5026.513	3173.583

Sample Name: I3295-20 Acquired: 5/31/2017 16:38:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA126 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1061377	-.039190	21.72533	-.081287	.0118899	103.9112
Stddev	.0036295	.002863	.18553	.006398	.0008041	.3443
%RSD	3.419623	7.306317	.8539620	7.871524	6.763131	.3313335

#1	.1043084	-.039767	21.51323	-.077684	.0126093	103.5253
#2	.1103179	-.041721	21.85744	-.088674	.0110218	104.1868
#3	.1037869	-.036082	21.80533	-.077502	.0120386	104.0216

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.339352	.0124663	.1191392	550.2719	.1597365	.3139420
Stddev	.009582	.0003030	.0013788	4.0632	.0032077	.0029344
%RSD	.4096169	2.430493	1.157274	.7384004	2.008103	.9346786

#1	2.338044	.0121310	.1175502	546.5334	.1562361	.3106163
#2	2.330491	.0127204	.1200192	554.5962	.1604381	.3161663
#3	2.349522	.0125475	.1198483	549.6861	.1625353	.3150434

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6938768	313.4179	F 32.31940	268.9369	.3002948	-.002185
Stddev	.0007411	2.1143	.25285	1.5257	.0032874	.000404
%RSD	.1068013	.6745855	.7823332	.5672897	1.094731	18.49681

#1	.6930211	311.5460	32.07729	267.4032	.2966069	-.001718
#2	.6942976	315.7111	32.58176	270.4543	.3029176	-.002407
#3	.6943117	312.9966	32.29915	268.9532	.3013600	-.002429

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.250948	.3094126	7.744216	11.41367	8.441937	-.843261
Stddev	.028285	.0078780	.093792	.05167	.073335	.008709
%RSD	.8700545	2.546129	1.211122	.4526873	.8687043	1.032813

#1	3.248628	.3068951	7.635919	11.37009	8.357296	-.834268
#2	3.280322	.3182417	7.799211	11.47075	8.486498	-.851656
#3	3.223895	.3031010	7.797519	11.40019	8.482016	-.843860

Sample Name: I3295-20 Acquired: 5/31/2017 16:38:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA126 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057211	40.49723	15.32279	.0155424	1.027963	.0731205
Stddev	.0004772	.35368	.19454	.0011642	.003402	.0002447
%RSD	8.341747	.8733412	1.269602	7.490534	.3309173	.3346446

#1	.0051776	40.09409	15.14299	.0151016	1.026640	.0733785
#2	.0059139	40.75535	15.52931	.0146630	1.025422	.0728918
#3	.0060717	40.64226	15.29608	.0168627	1.031828	.0730912

Elem	Sr4077
Units	ppm
Avg	.2565866
Stddev	.0006100
%RSD	.2377408

#1	.2559457
#2	.2571601
#3	.2566541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.784	2483.073	58121.77	4742.720	2753.849
Stddev	25.063	19.002	776.71	42.437	23.381
%RSD	1.459016	.7652439	1.336349	.8947839	.8490285

#1	1741.102	2503.202	58926.44	4776.108	2779.974
#2	1720.968	2465.447	58062.45	4694.964	2734.888
#3	1691.281	2480.571	57376.42	4757.087	2746.686

Sample Name: I3295-21 Acquired: 5/31/2017 16:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA127 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822693	-.023870	4.592588	-.054866	.0061318	103.6993	1.712135
Stddev	.0017578	.001852	.126619	.006281	.0001933	.9367	.013475
%RSD	2.136627	7.759980	2.757038	11.44755	3.152213	.9032773	.7870527

#1	.0824645	-.022339	4.733186	-.056966	.0062777	103.8138	1.713125
#2	.0804220	-.023342	4.487553	-.047804	.0062052	104.5735	1.725088
#3	.0839213	-.025929	4.557024	-.059828	.0059126	102.7106	1.698192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099368	.0204805	56.74484	.1278513	.2130558	.4261247	255.2295
Stddev	.0001443	.0007334	.65286	.0015302	.0059334	.0038631	2.4216
%RSD	1.452474	3.581158	1.150518	1.196874	2.784927	.9065712	.9487944

#1	.0097717	.0212024	56.52497	.1291634	.2197271	.4297418	255.1669
#2	.0099994	.0197360	57.47925	.1282202	.2083689	.4265770	257.6818
#3	.0100392	.0205032	56.23031	.1261704	.2110714	.4220554	252.8398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.15077	28.11002	.1958223	-.006572	1.080283	.3489879	.8865969
Stddev	.20624	.28415	.0057131	.000200	.152166	.0034616	.0130239
%RSD	1.023497	1.010838	2.917496	3.049429	14.08579	.9919037	1.468977

#1	20.09956	28.06297	.2023293	-.006342	1.215527	.3519077	.8825352
#2	20.37779	28.41476	.1916287	-.006712	1.109803	.3498920	.9011676
#3	19.97495	27.85234	.1935089	-.006662	.915520	.3451639	.8760878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.920115	5.076287	-.671201	.0049950	12.72548	13.02775	.0131447
Stddev	.089458	.134095	.004731	.0002735	.31892	.11718	.0012270
%RSD	.9017871	2.641591	.7048825	5.474813	2.506173	.8994288	9.334727

#1	9.929930	5.223487	-.675475	.0052404	13.06996	13.06882	.0137807
#2	10.00426	4.961088	-.672010	.0047002	12.44049	13.11885	.0139231
#3	9.82615	5.044285	-.666117	.0050446	12.66600	12.89556	.0117302

Sample Name: I3295-21 Acquired: 5/31/2017 16:42:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA127 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.215927	.0616239	.0662932
Stddev	.009762	.0010800	.0006868
%RSD	.8028485	1.752591	1.036049

#1	1.216414	.0620742	.0666322
#2	1.225436	.0624058	.0667447
#3	1.205930	.0603915	.0655028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.430	2754.269	65190.31	5021.537	3282.990
Stddev	25.959	56.355	850.25	40.646	82.015
%RSD	1.337796	2.046110	1.304256	.8094297	2.498165

#1	1917.200	2692.384	64433.64	5009.059	3190.544
#2	1935.639	2802.636	65026.88	4988.593	3347.009
#3	1968.450	2767.788	66110.41	5066.959	3311.417

Sample Name: I3295-22 Acquired: 5/31/2017 16:46:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1183525	-.021454	7.033412	-.043344	.0109810	107.1705	5.177234
Stddev	.0041762	.001388	.026279	.002374	.0010989	.6539	.027521
%RSD	3.528627	6.469950	.3736356	5.476910	10.00753	.6101683	.5315702

#1	.1183040	-.019941	7.008430	-.045005	.0098662	107.6205	5.203699
#2	.1225527	-.022668	7.030988	-.044402	.0110133	107.4706	5.179236
#3	.1142007	-.021752	7.060820	-.040625	.0120634	106.4204	5.148767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086712	.0221173	229.1303	.1918497	.1469111	.4221877	229.8741
Stddev	.0000672	.0002773	1.5016	.0029276	.0010528	.0020541	1.5484
%RSD	.7744005	1.253866	.6553415	1.525989	.7166189	.4865492	.6735994

#1	.0086616	.0219891	229.4655	.1922153	.1467518	.4235847	230.2117
#2	.0087426	.0219274	230.4359	.1887564	.1459470	.4231492	231.2260
#3	.0086093	.0224356	227.4894	.1945773	.1480344	.4198291	228.1848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.04831	107.4091	.1369400	-.005670	1.426054	.3714518	2.821391
Stddev	.06873	.7633	.0009968	.000120	.192128	.0056441	.047011
%RSD	.5704562	.7106911	.7279378	2.122513	13.47272	1.519484	1.666219

#1	12.04757	107.5603	.1365677	-.005660	1.209517	.3749955	2.783800
#2	12.11741	108.0855	.1361828	-.005795	1.576121	.3744168	2.806273
#3	11.97995	106.5814	.1380693	-.005555	1.492523	.3649430	2.874101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.34048	10.86694	-.562949	.0115377	28.28343	11.28582	.0566664
Stddev	.09094	.04197	.001718	.0002336	.14639	.03583	.0006241
%RSD	.6341658	.3861888	.3051934	2.024754	.5175658	.3175046	1.101369

#1	14.43199	10.85049	-.561076	.0116020	28.26753	11.27535	.0559653
#2	14.33933	10.83569	-.563320	.0117325	28.14565	11.32573	.0568726
#3	14.25011	10.91464	-.564451	.0112787	28.43712	11.25639	.0571613

Sample Name: I3295-22 Acquired: 5/31/2017 16:46:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA128 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9449854	.0810702	.3574175
Stddev	.0071944	.0009343	.0020858
%RSD	.7613265	1.152501	.5835814

#1	.9477686	.0821111	.3590762
#2	.9503724	.0807957	.3581004
#3	.9368151	.0803039	.3550758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.533	2460.938	58135.46	4595.537	3051.797
Stddev	18.761	7.101	538.97	25.346	8.122
%RSD	1.091035	.2885396	.9271002	.5515294	.2661523

#1	1717.227	2459.831	57983.63	4594.792	3051.093
#2	1739.341	2468.528	58734.06	4570.573	3060.248
#3	1702.032	2454.456	57688.68	4621.248	3044.049

Sample Name: CCV045 Acquired: 5/31/2017 16:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.987200	4.713329	23.69764	4.914065	5.006234	399.3626
Stddev	.016184	.024353	.11598	.019900	.018840	3.0339
%RSD	.3245169	.5166777	.4894084	.4049602	.3763367	.7596894

#1	4.975601	4.685289	23.56482	4.903111	4.989328	402.0037
#2	4.980310	4.729183	23.77887	4.902049	5.002831	400.0352
#3	5.005689	4.725516	23.74923	4.937036	5.026544	396.0487

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.991844	.4866022	2.396775	399.8746	14.59303	2.434345
Stddev	.088443	.0018171	.009549	1.9533	.04599	.009322
%RSD	.8851470	.3734196	.3984265	.4884899	.3151552	.3829164

#1	10.06840	.4847433	2.385750	401.1030	14.56965	2.423582
#2	10.01211	.4883743	2.402147	400.8988	14.56343	2.439640
#3	9.89503	.4866891	2.402429	397.6222	14.64602	2.439813

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01094	402.8362	14.71652	404.4030	2.389354	1.283178
Stddev	.11785	2.3678	.08840	2.7830	.011084	.002786
%RSD	.7850691	.5877942	.6006775	.6881772	.4639062	.2171089

#1	15.13006	404.7925	14.79459	406.2773	2.376771	1.286109
#2	15.00835	403.5121	14.73444	405.7265	2.393616	1.282859
#3	14.89441	400.2038	14.62054	401.2053	2.397674	1.280565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.6735	2.395324	14.31843	154.1236	5.147502	F 4.095755
Stddev	2.7946	.021322	.16763	1.2633	.016807	.006831
%RSD	.6922903	.8901568	1.170737	.8196685	.3265163	.1667912

#1	406.4310	2.407945	14.45075	155.1504	5.133098	4.089271
#2	403.7460	2.407322	14.37462	154.5076	5.143440	4.102887
#3	400.8433	2.370706	14.12992	152.7129	5.165968	4.095106

Sample Name: CCV045 Acquired: 5/31/2017 16:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.863902	4.883655	4.886444	4.792140	4.923366	5.136299
Stddev	.014546	.037753	.016307	.020532	.033806	.049709
%RSD	.2990543	.7730494	.3337108	.4284479	.6866518	.9677933

#1	4.851627	4.879081	4.895579	4.771290	4.959512	5.181963
#2	4.860111	4.848397	4.896135	4.812339	4.918059	5.143584
#3	4.879968	4.923486	4.867617	4.792790	4.892527	5.083350

Elem	Sr4077
Units	ppm
Avg	5.020730
Stddev	.039028
%RSD	.7773272

#1	5.055912
#2	5.027529
#3	4.978750

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.618	2103.350	49078.43	3972.093	2575.602
Stddev	12.156	4.022	184.15	18.236	4.326
%RSD	.8311258	.1912359	.3752104	.4591073	.1679686

#1	1451.722	2103.001	48866.12	3959.767	2580.567
#2	1460.402	2107.536	49194.75	3963.469	2573.601
#3	1475.729	2099.514	49174.42	3993.041	2572.639

Sample Name: CCB045 Acquired: 5/31/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000525	.0004451	-.001042	.0006956	-.000689	.0103492	-.005073
Stddev	.001193	.0012510	.000011	.0022847	.000917	.0061602	.000539
%RSD	227.1871	281.0744	1.075292	328.4338	133.2301	59.52365	10.62577

#1	.000248	-.000641	-.001030	.0021162	-.000469	.0130283	-.004601
#2	.000076	.001813	-.001045	-.001940	-.001696	.0033031	-.004956
#3	-.001899	.000163	-.001052	.001910	.000099	.0147162	-.005660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000623	-.000015	.0199626	.0000200	.0000947	.0015076	.0241525
Stddev	.0000622	.000085	.0025430	.0003104	.0000910	.0011731	.0071871
%RSD	99.78615	578.4873	12.73875	1556.056	96.05634	77.81318	29.75731

#1	.0000051	-.000017	.0188652	-.000131	.0000181	.0026696	.0226298
#2	.0000533	.000072	.0228700	.000377	.0001953	.0015296	.0319790
#3	.0001284	-.000099	.0181526	-.000186	.0000707	.0003236	.0178488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.004989	.0002471	.0005466	-.118222	-.002693	-.006167
Stddev	.000267	.063520	.0002063	.0001106	.082967	.000786	.012832
%RSD	381.9400	1273.210	83.46412	20.23314	70.17857	29.20218	208.0590

#1	-.000291	.067682	.0001921	.0005169	-.040289	-.003598	-.020242
#2	.000227	-.032723	.0004753	.0006691	-.108936	-.002181	-.003140
#3	-.000147	-.049926	.0000740	.0004539	-.205441	-.002299	.004880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.110518	.0005059	-.000861	.0002054	-.012003	-.000869	-.000143
Stddev	.049967	.0008392	.000423	.0000778	.005102	.000280	.000977
%RSD	45.21177	165.8907	49.08479	37.86167	42.50998	32.19703	685.5458

#1	-.166554	.0002198	-.000377	.0002915	-.006202	-.001119	-.000351
#2	-.094401	.0014508	-.001159	.0001402	-.015798	-.000921	.000922
#3	-.070598	-.000153	-.001047	.0001844	-.014007	-.000567	-.000999

Sample Name: CCB045 Acquired: 5/31/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007673	.0002526	.0000570
Stddev	.0002515	.0009066	.0000472
%RSD	32.77830	358.8410	82.89828

#1	.0008990	.0007124	.0000491
#2	.0009256	.0008373	.0001077
#3	.0004773	-.000792	.0000142

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.231	2685.624	59619.88	4251.147	4127.115
Stddev	36.278	64.699	1099.73	76.707	112.256
%RSD	1.991935	2.409078	1.844570	1.804386	2.719969

#1	1812.974	2759.635	58940.42	4312.485	4255.824
#2	1860.925	2657.432	60888.68	4275.816	4076.065
#3	1789.793	2639.805	59030.55	4165.141	4049.456

Sample Name: PB99234BL Acquired: 5/31/2017 16:58:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006285	-.001670	-.001880	.0000719	-.000598	.0026799	-.005061
Stddev	.0008094	.000751	.001692	.0020331	.001226	.0023720	.000704
%RSD	128.7915	45.00148	89.97249	2826.059	205.2013	88.51119	13.91125

#1	.0013507	-.002529	-.000071	.0023138	-.001276	.0002744	-.005791
#2	.0007810	-.001348	-.002148	-.001653	-.001335	.0050169	-.005008
#3	-.000246	-.001133	-.003422	-.000445	.000818	.0027483	-.004386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000232	-.000103	-.000679	-.000204	-.000066	.0018579	.0111621
Stddev	.0000228	.000118	.006671	.000420	.000248	.0018929	.0213387
%RSD	98.57355	114.7079	982.3483	205.7790	377.1029	101.8811	191.1705

#1	-.000000	-.000092	.003899	-.000486	-.000114	.0019980	-.011677
#2	.000024	-.000226	.002398	-.000405	-.000286	-.000101	.030589
#3	.000046	.000010	-.008334	.000279	.000202	.003677	.014575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000589	-.012007	.0000860	.0006133	-.049308	.0020269	-.000932
Stddev	.000942	.019691	.0004674	.0003395	.103373	.0024150	.023063
%RSD	160.0777	163.9945	543.6086	55.35083	209.6499	119.1509	2473.940

#1	-.001526	-.032052	.0002037	.0002377	-.151704	.0014242	.022828
#2	-.000600	.007309	.0004832	.0007039	-.051235	.0046862	-.002397
#3	.000359	-.011277	-.000429	.0008982	.055016	-.000030	-.023227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120514	.0005943	-.005061	-.000156	-.013190	-.001935	-.000626
Stddev	.005356	.0003756	.000531	.000083	.013499	.000454	.000603
%RSD	4.443916	63.19762	10.48859	53.04764	102.3379	23.44381	96.33378

#1	-.119527	.0008915	-.004861	-.000203	-.019152	-.002390	-.001209
#2	-.115720	.0001722	-.004659	-.000204	.002263	-.001933	-.000667
#3	-.126294	.0007192	-.005663	-.000060	-.022682	-.001482	-.000004

Sample Name: PB99234BL Acquired: 5/31/2017 16:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005058	-.001101	-.000051
Stddev	.0003280	.000076	.000061
%RSD	64.83664	6.890993	119.4652

#1	.0008835	-.001161	.000019
#2	.0002927	-.001126	-.000090
#3	.0003413	-.001016	-.000083

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.035	2603.488	59246.15	4265.626	4000.240
Stddev	19.157	7.557	553.80	18.236	14.770
%RSD	1.061307	.2902833	.9347475	.4275117	.3692154

#1	1790.196	2599.143	59021.13	4245.679	3997.118
#2	1826.662	2612.215	59877.05	4269.757	4016.321
#3	1798.248	2599.107	58840.28	4281.443	3987.281

Sample Name: PB99234BS Acquired: 5/31/2017 17:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175502	.0532206	.0178750	.0684354	.1201911	.4020159
Stddev	.0017749	.0008764	.0009400	.0038056	.0013951	.0103058
%RSD	10.11329	1.646816	5.258625	5.560900	1.160729	2.563522

#1	.0180420	.0540937	.0182574	.0701471	.1200630	.3997245
#2	.0155812	.0532273	.0168040	.0710846	.1188645	.4132745
#3	.0190273	.0523408	.0185634	.0640745	.1216458	.3930487

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4073804	.0100694	.0093858	10.40401	.0227110	.0934167
Stddev	.0064754	.0001119	.0000607	.17632	.0007977	.0005043
%RSD	1.589524	1.111095	.6468425	1.694696	3.512372	.5397864

#1	.4037425	.0100679	.0093603	10.27352	.0227778	.0928650
#2	.4148566	.0101820	.0094551	10.60460	.0234731	.0935315
#3	.4035420	.0099583	.0093420	10.33392	.0218820	.0938537

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548257	.2530188	.0341515	9.894348	.0758008	.0196473
Stddev	.0034720	.0064699	.0008594	.167160	.0002983	.0007403
%RSD	6.332823	2.557081	2.516457	1.689452	.3934804	3.768153

#1	.0527055	.2563891	.0339883	9.816475	.0755862	.0197469
#2	.0588326	.2571077	.0350808	10.08624	.0756749	.0203328
#3	.0529391	.2455595	.0333853	9.78033	.0761414	.0188622

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.891460	.1092147	.1158298	9.175415	F .0306315	F .0168967
Stddev	.386136	.0056727	.0140750	.158345	.0014452	.0010003
%RSD	3.903733	5.194068	12.15144	1.725758	4.718113	5.920344

#1	9.794578	.1033220	.1237316	9.111880	.0292213	.0157972
#2	10.31681	.1146383	.1241784	9.355661	.0305639	.0171399
#3	9.56299	.1096839	.0995795	9.058706	.0321093	.0177531

Sample Name: PB99234BS Acquired: 5/31/2017 17:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224047	.5463891	.2004186	F .0130794	.2124035	.0961444
Stddev	.0000939	.0183310	.0028944	.0005715	.0006437	.0012647
%RSD	.4189179	3.354938	1.444167	4.369205	.3030616	1.315434

#1	.0222999	.5464738	.1983876	.0124692	.2119741	.0953529
#2	.0224330	.5280159	.2037327	.0136020	.2131436	.0976030
#3	.0224811	.5646776	.1991354	.0131669	.2120928	.0954773

Elem	Sr4077
Units	ppm
Avg	.2148837
Stddev	.0036151
%RSD	1.682348

#1	.2121546
#2	.2189838
#3	.2135129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.000	2515.741	58527.02	4274.464	3768.750
Stddev	57.619	10.144	1934.09	53.421	9.669
%RSD	3.257141	.4032122	3.304616	1.249766	.2565446

#1	1754.735	2512.565	58240.38	4314.513	3771.067
#2	1719.854	2527.093	56752.25	4213.809	3777.050
#3	1832.412	2507.566	60588.44	4295.070	3758.134

Sample Name: I3294-01 Acquired: 5/31/2017 17:06:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671356	-.022671	10.29103	-.043467	.0041147	53.54984	3.343899
Stddev	.0019907	.003217	.05209	.001549	.0011013	.04761	.003068
%RSD	2.965218	14.18868	.5061847	3.563483	26.76564	.0889072	.0917584

#1	.0651241	-.019040	10.35103	-.041906	.0038727	53.56952	3.342894
#2	.0671776	-.023809	10.25729	-.045004	.0053169	53.58446	3.347344
#3	.0691049	-.025163	10.26479	-.043492	.0031545	53.49555	3.341459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070885	.0891883	759.2408	.0917305	.1959547	.6687603	179.6604
Stddev	.0000074	.0006239	1.5962	.0005276	.0020631	.0033861	.5077
%RSD	.1039502	.6995071	.2102416	.5751624	1.052843	.5063226	.2826068

#1	.0070964	.0897958	760.3078	.0916068	.1974103	.6725601	180.1759
#2	.0070818	.0892199	760.0089	.0912757	.1935937	.6660625	179.6444
#3	.0070874	.0885492	757.4058	.0923089	.1968602	.6676583	179.1608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02321	418.5946	.1528587	.0002404	1.473753	.1979879	7.240537
Stddev	.02995	.2522	.0008201	.0001287	.033327	.0051570	.087517
%RSD	.2135421	.0602504	.5365014	53.52742	2.261383	2.604719	1.208705

#1	14.05615	418.8335	.1537947	.0002429	1.485002	.2025746	7.174101
#2	14.01585	418.3309	.1522661	.0001105	1.436258	.1924057	7.339701
#3	13.99763	418.6195	.1525153	.0003679	1.500001	.1989834	7.207809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059781	9.832818	-.476538	.0059011	43.86098	10.32599	.0064114
Stddev	.008264	.020649	.001994	.0003193	.18838	.04897	.0007105
%RSD	.1633238	.2100047	.4184141	5.410344	.4294968	.4742534	11.08202

#1	5.068627	9.850536	-.478722	.0062188	43.97676	10.37637	.0057084
#2	5.052259	9.810140	-.476078	.0059042	43.64361	10.32304	.0071292
#3	5.058458	9.837777	-.474815	.0055803	43.96256	10.27856	.0063966

Sample Name: I3294-01 Acquired: 5/31/2017 17:06:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4944125	.0534209	.2701843
Stddev	.0030779	.0003604	.0002460
%RSD	.6225476	.6746037	.0910416

#1	.4939995	.0531692	.2700556
#2	.4976761	.0538337	.2704680
#3	.4915619	.0532597	.2700294

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.106	2338.548	55298.00	4540.394	2723.025
Stddev	11.562	13.577	193.12	19.853	16.778
%RSD	.7092794	.5805628	.3492438	.4372562	.6161667

#1	1628.288	2324.712	55209.35	4518.202	2706.363
#2	1619.560	2351.850	55165.13	4556.470	2739.917
#3	1642.469	2339.082	55519.54	4546.510	2722.794

Sample Name: I3294-02 Acquired: 5/31/2017 17:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7637546	-.023879	1.999786	-.045659	.0031822	77.69764	2.703867
Stddev	.0014270	.000950	.005081	.002788	.0005565	1.01628	.032056
%RSD	.1868410	3.978061	.2541012	6.106537	17.48965	1.307987	1.185545

#1	.7632794	-.024026	1.997386	-.042500	.0027022	77.44599	2.699120
#2	.7626258	-.024747	2.005623	-.047775	.0030521	78.81610	2.738031
#3	.7653586	-.022864	1.996349	-.046703	.0037922	76.83084	2.674449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072956	.0567451	518.9286	.2844868	.1648138	.6841147	197.2837
Stddev	.0001151	.0002444	8.1860	.0008947	.0007382	.0091767	2.8403
%RSD	1.576998	.4307603	1.577489	.3145011	.4479211	1.341396	1.439694

#1	.0074177	.0564685	515.0858	.2841524	.1643294	.6776785	195.7586
#2	.0071892	.0569318	528.3290	.2838075	.1656634	.6946227	200.5607
#3	.0072800	.0568351	513.3709	.2855006	.1644484	.6800430	195.5317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.02025	203.8879	.1450311	-.002529	1.299591	.2208006	2.815662
Stddev	.29818	2.9226	.0008430	.000334	.252885	.0023644	.070219
%RSD	1.751897	1.433414	.5812373	13.19427	19.45879	1.070819	2.493874

#1	16.88189	203.4191	.1443141	-.002413	1.008835	.2190144	2.828515
#2	17.36247	207.0165	.1459597	-.002905	1.421599	.2234818	2.878567
#3	16.81639	201.2280	.1448196	-.002269	1.468340	.2199057	2.739905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.99050	10.32186	-.475352	.0048960	17.32244	6.207659	.0040233
Stddev	.23325	.05716	.004409	.0000531	.09236	.053073	.0022067
%RSD	1.228240	.5537950	.9276108	1.085036	.5331648	.8549648	54.84728

#1	18.88972	10.31168	-.472255	.0048851	17.26828	6.165661	.0061868
#2	19.25719	10.38343	-.480401	.0049538	17.42908	6.267309	.0041072
#3	18.82459	10.27048	-.473401	.0048492	17.26995	6.190006	.0017759

Sample Name: I3294-02 Acquired: 5/31/2017 17:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8790213	.0632825	1.000849
Stddev	.0113562	.0004249	.013076
%RSD	1.291918	.6714186	1.306481

#1	.8760275	.0628063	.996661
#2	.8915745	.0634184	1.015506
#3	.8694618	.0636228	.990380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.018	2403.144	55805.39	4496.909	2873.763
Stddev	15.515	7.244	362.44	44.675	10.076
%RSD	.9284747	.3014185	.6494653	.9934712	.3506098

#1	1667.315	2402.360	55452.45	4511.072	2874.963
#2	1657.690	2396.324	55787.10	4446.869	2863.141
#3	1688.050	2410.747	56176.63	4532.787	2883.185

Sample Name: I3294-03 Acquired: 5/31/2017 17:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856791	-.026888	9.738911	-.049891	.0063969	83.49434	2.408855
Stddev	.0042357	.001336	.169117	.004555	.0030491	.46901	.018179
%RSD	4.943738	4.970244	1.736510	9.130473	47.66441	.5617268	.7546839

#1	.0888299	-.026456	9.585719	-.044632	.0038632	83.29093	2.398649
#2	.0808640	-.028387	9.710628	-.052444	.0055467	84.03071	2.429844
#3	.0873434	-.025821	9.920387	-.052598	.0097809	83.16137	2.398072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066316	.0759018	474.0182	.1463280	.1662493	.7288806	218.4868
Stddev	.0000221	.0012755	3.0288	.0012634	.0027168	.0082708	1.1083
%RSD	.3326719	1.680452	.6389531	.8633746	1.634174	1.134731	.5072731

#1	.0066468	.0749281	472.0988	.1448716	.1640979	.7210445	217.8617
#2	.0066063	.0754316	477.5097	.1469825	.1653477	.7375266	219.7665
#3	.0066417	.0773456	472.4460	.1471297	.1693023	.7280709	217.8322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98326	244.3168	.1495363	-.002565	1.976310	.2923155	5.601360
Stddev	.07928	1.9028	.0024101	.000745	.021584	.0079969	.051096
%RSD	.4960484	.7788185	1.611680	29.04059	1.092122	2.735717	.9122010

#1	15.92931	243.4362	.1479756	-.001837	1.998341	.2867482	5.596448
#2	16.07429	246.5004	.1483212	-.003326	1.955203	.3014792	5.654735
#3	15.94618	243.0139	.1523120	-.002530	1.975387	.2887191	5.552898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.758988	8.883431	-.581889	.0079342	36.07190	10.67566	.0144034
Stddev	.118927	.154324	.006414	.0005667	.56876	.04528	.0005310
%RSD	1.218645	1.737207	1.102279	7.143196	1.576746	.4241064	3.686692

#1	9.749081	8.741354	-.576333	.0084483	35.50871	10.65190	.0150138
#2	9.882559	8.861323	-.588908	.0073265	36.06092	10.72787	.0141484
#3	9.645324	9.047617	-.580427	.0080278	36.64608	10.64721	.0140480

Sample Name: I3294-03 Acquired: 5/31/2017 17:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5946166	.0647196	.2185776
Stddev	.0032286	.0003338	.0014950
%RSD	.5429712	.5157577	.6839425

#1	.5912959	.0646620	.2180541
#2	.5977445	.0650784	.2202639
#3	.5948094	.0644183	.2174148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.378	2323.761	54717.51	4451.253	2837.434
Stddev	24.520	41.201	686.79	25.711	45.558
%RSD	1.520748	1.773030	1.255158	.5776064	1.605610

#1	1622.928	2366.453	55213.21	4457.653	2880.890
#2	1584.348	2320.596	53933.57	4422.947	2841.380
#3	1629.857	2284.234	55005.75	4473.160	2790.031

Sample Name: I3294-04 Acquired: 5/31/2017 17:18:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083169	-.018855	4.430648	-.044198	.0063116	84.82514	2.180988
Stddev	.0040084	.002092	.012832	.002320	.0019169	.21189	.010882
%RSD	3.700622	11.09303	.2896093	5.248911	30.37131	.2497939	.4989455

#1	.1041318	-.017198	4.418338	-.041819	.0044060	85.01110	2.183059
#2	.1121215	-.018160	4.429661	-.044322	.0082396	84.86984	2.190686
#3	.1086972	-.021205	4.443944	-.046454	.0062892	84.59446	2.169220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083765	.0218204	121.2319	.1305349	.1269732	.3153652	219.7912
Stddev	.0000117	.0001268	.6139	.0002800	.0000933	.0034050	.9745
%RSD	.1391378	.5810122	.5064220	.2144991	.0735013	1.079697	.4433751

#1	.0083719	.0218065	121.9401	.1302552	.1269135	.3158144	220.8755
#2	.0083679	.0217012	120.9067	.1305343	.1269254	.3185232	219.5099
#3	.0083898	.0219536	120.8491	.1308152	.1270808	.3117579	218.9884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.09320	54.12373	.1005972	-.005559	2.321814	.3636191	2.057978
Stddev	.07035	.24385	.0008139	.000301	.003445	.0032091	.046283
%RSD	.4991672	.4505508	.8090491	5.408624	.1483749	.8825402	2.248978

#1	14.17098	54.39078	.1004681	-.005660	2.317893	.3644183	2.006606
#2	14.07461	54.06753	.0998556	-.005221	2.324357	.3663530	2.070903
#3	14.03402	53.91289	.1014679	-.005796	2.323192	.3600859	2.096425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35445	8.092477	-.562768	.0143895	18.96605	10.42643	.0425895
Stddev	.04154	.027184	.004443	.0004527	.02280	.07558	.0012034
%RSD	.4011357	.3359202	.7895585	3.145826	.1202088	.7249339	2.825591

#1	10.35379	8.063468	-.567892	.0147948	18.94863	10.51207	.0435866
#2	10.39631	8.096597	-.559978	.0139010	18.95766	10.36906	.0412528
#3	10.31325	8.117366	-.560433	.0144727	18.99185	10.39815	.0429291

Sample Name: I3294-04 Acquired: 5/31/2017 17:18:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6976861	.0682572	.1751915
Stddev	.0045822	.0004525	.0004768
%RSD	.6567733	.6628574	.2721651

#1	.7023461	.0687713	.1756530
#2	.6975263	.0680806	.1752207
#3	.6931858	.0679197	.1747007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.435	2502.975	58443.82	4577.908	3250.427
Stddev	12.052	6.515	128.91	28.829	5.560
%RSD	.6972523	.2602968	.2205679	.6297502	.1710567

#1	1739.642	2506.492	58507.79	4544.716	3256.679
#2	1729.976	2495.457	58528.24	4592.305	3248.568
#3	1715.687	2506.976	58295.44	4596.703	3246.035

Sample Name: I3294-05 Acquired: 5/31/2017 17:22:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716452	-.035613	2.498890	-.065291	.0062957	37.13896
Stddev	.0033044	.001892	.009882	.003249	.0036006	.03849
%RSD	4.612101	5.312843	.3954492	4.976815	57.19064	.1036429

#1	.0698697	-.034901	2.488082	-.068804	.0076606	37.10649
#2	.0696083	-.037757	2.501124	-.064679	.0090143	37.12892
#3	.0754578	-.034180	2.507463	-.062392	.0022123	37.18148

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.620380	.0067388	.0378552	F 1523.219	.0769885	.1134520
Stddev	.003439	.0000102	.0003659	1.213	.0010211	.0002230
%RSD	.2122371	.1515434	.9665134	.0796223	1.326335	.1965566

#1	1.617855	.0067324	.0376133	1521.852	.0779481	.1133655
#2	1.618989	.0067334	.0376762	1523.643	.0759154	.1132852
#3	1.624297	.0067506	.0382762	1524.164	.0771019	.1137053

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3748024	245.3935	19.33136	F 815.5302	.1032048	-.007813
Stddev	.0051814	.2131	.02675	.4261	.0005358	.000630
%RSD	1.382449	.0868256	.1383679	.0522466	.5191571	8.059304

#1	.3772409	245.5168	19.31243	815.3979	.1038161	-.007575
#2	.3688515	245.1475	19.31970	816.0068	.1029814	-.008527
#3	.3783147	245.5163	19.36196	815.1860	.1028168	-.007337

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.472631	.2565649	2.245798	4.730216	8.546009	-.636239
Stddev	.122499	.0088499	.012924	.045315	.048864	.001587
%RSD	3.527567	3.449376	.5754789	.9579963	.5717788	.2495104

#1	3.533179	.2532332	2.232982	4.704140	8.529567	-.637780
#2	3.553067	.2498644	2.245582	4.703967	8.507487	-.636327
#3	3.331648	.2665971	2.258828	4.782541	8.600974	-.634609

Sample Name: I3294-05 Acquired: 5/31/2017 17:22:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186949	27.36181	7.465375	.0157156	.6516478	.0778620
Stddev	.0003921	.17892	.012854	.0018903	.0020052	.0002555
%RSD	2.097285	.6539082	.1721803	12.02789	.3077143	.3281367

#1	.0186259	27.23532	7.479874	.0161022	.6523528	.0775681
#2	.0183419	27.28359	7.460874	.0173826	.6532053	.0780313
#3	.0191169	27.56652	7.455376	.0136619	.6493853	.0779865

Elem	Sr4077
Units	ppm
Avg	.5353021
Stddev	.0004919
%RSD	.0918849

#1	.5347694
#2	.5353978
#3	.5357390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.742	2043.767	48181.91	4056.794	2375.787
Stddev	6.149	9.461	76.20	2.664	8.957
%RSD	.4368108	.4628957	.1581577	.0656790	.3770153

#1	1401.682	2048.777	48160.09	4053.737	2380.735
#2	1407.566	2049.670	48266.65	4058.624	2381.179
#3	1413.977	2032.856	48119.00	4058.020	2365.448

Sample Name: I3294-06 Acquired: 5/31/2017 17:26:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1419768	-.024741	5.456464	-.058613	.0090618	79.60596	2.191403
Stddev	.0036602	.001531	.112530	.001389	.0008148	2.23319	.056534
%RSD	2.578042	6.189679	2.062324	2.369028	8.991115	2.805309	2.579800

#1	.1461544	-.023891	5.584801	-.060050	.0082650	80.17677	2.207784
#2	.1404433	-.023824	5.374686	-.057278	.0090271	81.49836	2.237938
#3	.1393328	-.026509	5.409903	-.058509	.0098934	77.14277	2.128488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095690	.0318140	98.34271	.1784548	.1806993	.4360239	273.2106
Stddev	.0002970	.0010226	2.66056	.0007805	.0036528	.0094739	7.3071
%RSD	3.104035	3.214461	2.705401	.4373684	2.021458	2.172786	2.674533

#1	.0096911	.0328335	98.87906	.1775536	.1848291	.4369650	274.7711
#2	.0097854	.0307882	100.6942	.1789159	.1778921	.4449922	279.6114
#3	.0092303	.0318202	95.4548	.1788949	.1793767	.4261147	265.2493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.25298	41.87727	.1444939	-.007729	2.283562	.4013175	3.218585
Stddev	.53730	1.35283	.0038070	.000581	.065528	.0090818	.027964
%RSD	2.652928	3.230473	2.634702	7.519177	2.869541	2.262997	.8688138

#1	20.40925	42.28405	.1488868	-.007502	2.325873	.3988367	3.186538
#2	20.69483	42.98005	.1421580	-.007295	2.316730	.4113820	3.231194
#3	19.65488	40.36772	.1424367	-.008389	2.208081	.3937339	3.238025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.363126	10.14732	-.731394	.0155132	13.53442	7.609259	.0759030
Stddev	.242134	.17703	.020929	.0004851	.23167	.191927	.0018661
%RSD	2.895261	1.744570	2.861471	3.127072	1.711712	2.522282	2.458577

#1	8.494971	10.34943	-.738432	.0160711	13.78325	7.670009	.0780209
#2	8.510726	10.01979	-.747896	.0151911	13.32496	7.763459	.0751881
#3	8.083682	10.07273	-.707853	.0152773	13.49505	7.394309	.0745000

Sample Name: I3294-06 Acquired: 5/31/2017 17:26:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6477076	.0562128	.1356634
Stddev	.0167639	.0025387	.0037217
%RSD	2.588196	4.516253	2.743370

#1	.6516901	.0563943	.1368088
#2	.6621216	.0586559	.1386778
#3	.6293110	.0535882	.1315035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.848	2572.488	59886.26	4703.623	3279.830
Stddev	7.061	46.024	101.81	121.481	65.670
%RSD	.3927317	1.789104	.1699992	2.582719	2.002230

#1	1805.861	2519.368	59929.81	4657.366	3204.320
#2	1792.538	2600.446	59769.92	4612.065	3323.594
#3	1795.144	2597.650	59959.05	4841.437	3311.577

Sample Name: I3294-07 Acquired: 5/31/2017 17:30:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875378	-.019193	2.757150	-.041998	.0072632	72.07549	4.945397
Stddev	.0025168	.001847	.013967	.003104	.0002720	1.22137	.081490
%RSD	2.875146	9.620904	.5065844	7.390613	3.745487	1.694571	1.647791

#1	.0851334	-.018936	2.742855	-.045223	.0069776	71.74204	4.917092
#2	.0873261	-.017488	2.757831	-.039031	.0072926	73.42895	5.037265
#3	.0901537	-.021154	2.770764	-.041739	.0075193	71.05547	4.881834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073508	.0200253	204.6897	.1808078	.1422223	.4275680	203.6446
Stddev	.0000845	.0000643	3.9087	.0019335	.0008074	.0098753	4.0427
%RSD	1.149340	.3210658	1.909572	1.069379	.5677246	2.309644	1.985170

#1	.0072873	.0199913	203.8306	.1824493	.1413263	.4278423	202.0783
#2	.0074467	.0199852	208.9564	.1812977	.1424468	.4373033	208.2361
#3	.0073184	.0200995	201.2820	.1786765	.1428937	.4175584	200.6194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.91661	30.03799	.1557371	-.004987	1.861725	.2734796	2.707195
Stddev	.35430	.51561	.0011604	.000446	.069987	.0086398	.048052
%RSD	1.977512	1.716513	.7450987	8.946513	3.759241	3.159232	1.774978

#1	17.79886	29.89194	.1549050	-.005141	1.808877	.2743816	2.749843
#2	18.31480	30.61087	.1552436	-.005335	1.941096	.2816330	2.716611
#3	17.63618	29.61117	.1570627	-.004484	1.835201	.2644241	2.655132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.30733	16.23224	-.486961	.0101188	26.87065	8.821425	.0790015
Stddev	.26432	.09749	.006216	.0004136	.21344	.199816	.0019255
%RSD	1.847469	.6005683	1.276551	4.087332	.7943318	2.265121	2.437334

#1	14.22756	16.16330	-.486690	.0105815	26.75612	8.776806	.0805647
#2	14.60235	16.18964	-.493308	.0099897	26.73891	9.039778	.0795891
#3	14.09207	16.34378	-.480884	.0097851	27.11691	8.647690	.0768506

Sample Name: I3294-07 Acquired: 5/31/2017 17:30:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8412417	.0534225	.7025575
Stddev	.0113045	.0008805	.0122958
%RSD	1.343788	1.648152	1.750143

#1	.8395922	.0529775	.6992012
#2	.8532804	.0544367	.7161829
#3	.8308526	.0528534	.6922884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.447	2491.930	59057.26	4622.073	3170.182
Stddev	17.444	6.902	399.01	73.367	10.880
%RSD	1.001109	.2769624	.6756313	1.587321	.3431828

#1	1722.599	2491.686	58624.10	4652.031	3174.174
#2	1749.402	2498.951	59137.88	4538.467	3178.501
#3	1755.340	2485.154	59409.81	4675.720	3157.870

Sample Name: I3294-08 Acquired: 5/31/2017 17:34:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108708	-.030029	11.34476	-.062028	.0074941	74.64798	4.674115
Stddev	.0013790	.004594	.07107	.002884	.0013040	2.63456	.156058
%RSD	1.243835	15.29994	.6264490	4.649423	17.40026	3.529307	3.338771

#1	.1117873	-.030859	11.37337	-.061704	.0061016	75.24129	4.713344
#2	.1115402	-.034152	11.26385	-.065060	.0086864	71.76736	4.502185
#3	.1092848	-.025076	11.39707	-.059320	.0076944	76.93529	4.806815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091993	.0881187	559.7531	.1614718	.2351272	1.114961	250.3948
Stddev	.0001826	.0008066	19.3684	.0039330	.0012883	.035042	8.3976
%RSD	1.984454	.9154055	3.460166	2.435692	.5479039	3.142933	3.353737

#1	.0091381	.0885130	562.7278	.1596798	.2351709	1.126123	251.9987
#2	.0090551	.0871908	539.0694	.1659816	.2338176	1.075698	241.3109
#3	.0094045	.0886524	577.4620	.1587539	.2363930	1.143063	257.8747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.47624	283.9945	.1749535	-.003337	1.703802	.3235960	5.615694
Stddev	.66730	9.9459	.0007723	.000615	.175658	.0073197	.059020
%RSD	3.426235	3.502138	.4414316	18.43835	10.30975	2.261983	1.050985

#1	19.56162	285.8480	.1758435	-.003307	1.653701	.3273916	5.677294
#2	18.77036	273.2523	.1745578	-.003967	1.558639	.3151581	5.610142
#3	20.09675	292.8833	.1744594	-.002737	1.899068	.3282382	5.559646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.698289	10.85428	-.675937	.0073527	37.49555	8.446081	.0328281
Stddev	.373683	.08762	.015598	.0000654	.23053	.209418	.0007791
%RSD	3.853085	.8071967	2.307541	.8892737	.6148186	2.479467	2.373384

#1	9.761811	10.86817	-.677227	.0073682	37.53018	8.472400	.0319316
#2	9.296916	10.76056	-.659735	.0072809	37.24967	8.224748	.0332112
#3	10.03614	10.93413	-.690850	.0074088	37.70681	8.641096	.0333415

Sample Name: I3294-08 Acquired: 5/31/2017 17:34:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5246144	.0587670	.3324582
Stddev	.0210247	.0019969	.0113994
%RSD	4.007646	3.397957	3.428835

#1	.5276976	.0590037	.3344381
#2	.5022183	.0566624	.3201985
#3	.5439272	.0606350	.3427379

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.965	2402.121	56746.61	4697.656	2775.706
Stddev	14.652	9.215	602.07	137.690	12.314
%RSD	.8747424	.3836046	1.060986	2.931037	.4436321

#1	1671.184	2400.630	56889.82	4654.036	2773.668
#2	1662.575	2411.990	56085.85	4851.872	2788.911
#3	1691.137	2393.743	57264.17	4587.059	2764.538

Sample Name: I3370-02A Acquired: 5/31/2017 17:38:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538034	-.001604	.1466439	.0482350	.0030000	83.73652	1.049880
Stddev	.0023514	.000644	.0008849	.0018941	.0007552	.16280	.000736
%RSD	4.370331	40.14701	.6034150	3.926840	25.17189	.1944184	.0700569

#1	.0517850	-.002045	.1462343	.0475147	.0038720	83.69925	1.050705
#2	.0532398	-.001901	.1460380	.0468067	.0025583	83.91473	1.049641
#3	.0563854	-.000865	.1476594	.0503836	.0025698	83.59559	1.049293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060447	.0070322	23.03414	.1899052	.0860837	.2235022	156.2184
Stddev	.0001014	.0001103	.16069	.0015132	.0004207	.0015673	1.1213
%RSD	1.676641	1.567731	.6976306	.7968110	.4887524	.7012581	.7177602

#1	.0061430	.0069130	22.98494	.1894671	.0858564	.2240800	155.9430
#2	.0059405	.0071304	23.21368	.1886595	.0858256	.2246986	157.4517
#3	.0060505	.0070533	22.90380	.1915891	.0865692	.2217280	155.2605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.996734	36.29421	.0991278	-.005914	.7915245	.2896301	1.063463
Stddev	.024263	.23017	.0003558	.000085	.0273456	.0031253	.021104
%RSD	.6070723	.6341895	.3589333	1.443009	3.454804	1.079047	1.984428

#1	3.979206	36.35790	.0988435	-.005861	.8194734	.2869512	1.039933
#2	4.024426	36.48584	.0990131	-.005868	.7902750	.2888756	1.080716
#3	3.986571	36.03890	.0995268	-.006012	.7648250	.2930635	1.069741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.91606	4.203351	-.425145	.0011376	5.163881	2.316445	.0109378
Stddev	.03885	.022453	.003922	.0002678	.014021	.014108	.0008681
%RSD	.1559083	.5341597	.9224911	23.54071	.2715167	.6090213	7.936887

#1	24.93121	4.193976	-.427017	.0010320	5.148362	2.311748	.0107192
#2	24.94505	4.187105	-.427780	.0014421	5.167643	2.332302	.0118944
#3	24.87192	4.228972	-.420638	.0009387	5.175636	2.305285	.0101999

Sample Name: I3370-02A Acquired: 5/31/2017 17:38:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.947115	.0793061	.1425286
Stddev	.021113	.0002117	.0000358
%RSD	.3550184	.2669355	.0251376

#1	5.948752	.0791378	.1425648
#2	5.967361	.0792368	.1425279
#3	5.925230	.0795438	.1424932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.272	2736.293	62257.29	4835.169	3362.164
Stddev	17.089	8.278	99.12	27.363	7.740
%RSD	.9074066	.3025137	.1592027	.5659248	.2302102

#1	1868.359	2737.112	62158.58	4831.489	3365.653
#2	1879.538	2744.131	62256.48	4809.831	3367.546
#3	1901.920	2727.636	62356.80	4864.186	3353.294

Sample Name: I3370-02LX5 Acquired: 5/31/2017 17:42:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097074	.0000704	.0238341	-.002319	.0006581	15.54358	.1917999
Stddev	.0015066	.0004312	.0006591	.002302	.0010090	.12042	.0008658
%RSD	15.51964	612.7715	2.765430	99.28766	153.3158	.7747020	.4513912

#1	.0106582	.0002933	.0245867	-.000469	.0014618	15.56210	.1918362
#2	.0079704	-.000427	.0233596	-.001591	-.000474	15.65367	.1926469
#3	.0104937	.000344	.0235559	-.004897	.000987	15.41498	.1909165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012116	.0009104	4.344715	.0358903	.0136946	.0451621	29.95941
Stddev	.0000734	.0000637	.033112	.0001864	.0001767	.0006788	.23935
%RSD	6.058639	6.993380	.7621141	.5193785	1.290087	1.503054	.7989259

#1	.0011309	.0008441	4.339560	.0358190	.0135033	.0456678	29.78493
#2	.0012744	.0009160	4.380102	.0361018	.0137287	.0443906	30.23228
#3	.0012296	.0009711	4.314484	.0357501	.0138517	.0454278	29.86101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7644458	6.724865	.0163841	-.000627	-.005986	.0510568	.1638191
Stddev	.0044266	.044943	.0001601	.000102	.026284	.0040088	.0103043
%RSD	.5790580	.6683082	.9769404	16.33070	439.1062	7.851658	6.290024

#1	.7623492	6.691909	.0164973	-.000612	-.004973	.0467332	.1519828
#2	.7695312	6.776060	.0162009	-.000737	-.032761	.0517868	.1707879
#3	.7614571	6.706626	.0164540	-.000533	.019777	.0546505	.1686867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.395119	.6752309	-.087750	-.000299	.8268068	.4477361	.0016393
Stddev	.060928	.0009918	.000897	.000164	.0055074	.0031917	.0006496
%RSD	1.386260	.1468890	1.022106	54.98292	.6661097	.7128584	39.62465

#1	4.402018	.6745510	-.087704	-.000225	.8272685	.4483462	.0015460
#2	4.452305	.6763690	-.088670	-.000185	.8210831	.4505787	.0023305
#3	4.331036	.6747726	-.086878	-.000487	.8320689	.4442833	.0010414

Sample Name: I3370-02LX5 Acquired: 5/31/2017 17:42:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.115908	.0131389	.0265992
Stddev	.007816	.0003286	.0001890
%RSD	.7004246	2.500974	.7106843

#1	1.118650	.0127990	.0265131
#2	1.121983	.0131625	.0268160
#3	1.107090	.0134550	.0264686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.721	2651.204	59552.59	4411.037	3816.207
Stddev	4.733	13.261	124.70	38.877	3.587
%RSD	.2602603	.5002053	.2094017	.8813571	.0939827

#1	1824.186	2636.038	59418.60	4404.063	3813.184
#2	1816.031	2660.622	59665.25	4376.119	3820.170
#3	1815.944	2656.952	59573.93	4452.929	3815.268

Sample Name: I3294-09 Acquired: 5/31/2017 17:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1141813	-.026678	6.228619	-.057626	.0083286	118.1826	2.885331
Stddev	.0032044	.004078	.059604	.005709	.0021370	.7508	.016591
%RSD	2.806419	15.28610	.9569334	9.906316	25.65837	.6353165	.5750031

#1	.1172864	-.022604	6.196719	-.059112	.0061309	118.9440	2.904481
#2	.1108860	-.026671	6.191755	-.051321	.0084558	118.1611	2.876202
#3	.1143714	-.030760	6.297384	-.062445	.0103992	117.4428	2.875309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114045	.0440980	154.3511	.1937760	.2244790	.7172529	266.2086
Stddev	.0001065	.0004724	1.5815	.0046730	.0019041	.0065438	2.4950
%RSD	.9336061	1.071176	1.024643	2.411520	.8482485	.9123447	.9372272

#1	.0114684	.0438945	156.0169	.1913766	.2230195	.7230379	268.9419
#2	.0114636	.0437614	154.1664	.1907902	.2237846	.7185701	265.6304
#3	.0112816	.0446380	152.8701	.1991612	.2266329	.7101507	264.0535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.53062	56.84761	.1945871	-.007021	2.720295	.3452227	4.934248
Stddev	.18486	.62439	.0010884	.000377	.287678	.0037509	.034039
%RSD	.9975673	1.098359	.5593364	5.373264	10.57525	1.086504	.6898434

#1	18.71337	57.56155	.1942786	-.006596	3.051086	.3493671	4.910469
#2	18.53475	56.57774	.1936862	-.007316	2.528600	.3420611	4.919035
#3	18.34373	56.40355	.1957964	-.007150	2.581199	.3442398	4.973240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.11096	10.86339	-.684724	.0101356	25.47537	13.62768	.3782414
Stddev	.09022	.08590	.008088	.0002045	.18479	.05533	.0020857
%RSD	.6881477	.7907418	1.181216	2.017172	.7253671	.4060059	.5514152

#1	13.21080	10.79032	-.693048	.0099974	25.38532	13.68324	.3780445
#2	13.08682	10.84184	-.684231	.0103705	25.35287	13.62722	.3762611
#3	13.03527	10.95802	-.676894	.0100390	25.68792	13.57258	.3804185

Sample Name: I3294-09 Acquired: 5/31/2017 17:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.008372	.0827889	.2870765
Stddev	.008688	.0009109	.0017777
%RSD	.8615456	1.100205	.6192369

#1	1.016589	.0834499	.2889336
#2	1.009247	.0831670	.2869054
#3	.999280	.0817499	.2853906

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.247	2647.729	61596.58	4823.493	3160.867
Stddev	11.567	23.030	592.90	34.616	28.894
%RSD	.6278982	.8698131	.9625530	.7176623	.9141258

#1	1840.131	2653.386	61663.64	4792.413	3173.023
#2	1854.727	2667.404	62153.09	4817.264	3181.696
#3	1831.885	2622.397	60973.00	4860.800	3127.880

Sample Name: I3294-10 Acquired: 5/31/2017 17:50:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859752	-.023371	11.51120	-.046684	.0073844	66.78789	2.510834
Stddev	.0014425	.003871	.06858	.003270	.0011800	.61923	.019151
%RSD	1.677764	16.56399	.5957282	7.005535	15.97997	.9271604	.7627170

#1	.0859841	-.019502	11.43723	-.042952	.0064992	66.97286	2.518896
#2	.0874131	-.023366	11.52369	-.048053	.0069298	67.29356	2.524636
#3	.0845282	-.027245	11.57266	-.049048	.0087241	66.09726	2.488971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086353	.0912068	379.1324	.1397381	.2160325	.2745453	210.5169
Stddev	.0002391	.0005848	4.3676	.0012268	.0010396	.0031890	2.2391
%RSD	2.768819	.6411384	1.151996	.8779531	.4812277	1.161564	1.063600

#1	.0087816	.0906299	380.4472	.1404566	.2149579	.2748973	211.0360
#2	.0087650	.0911913	382.6915	.1383215	.2161063	.2775438	212.4509
#3	.0083594	.0917991	374.2584	.1404362	.2170332	.2711949	208.0639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.98719	190.7767	.1592495	-.000190	1.271144	.2391613	5.003126
Stddev	.23014	2.0933	.0010595	.000317	.069742	.0020132	.053027
%RSD	1.151452	1.097245	.6652950	167.3272	5.486577	.8417798	1.059875

#1	20.03079	191.1686	.1580592	.000173	1.249415	.2370902	5.064348
#2	20.19241	192.6464	.1595997	-.000414	1.214854	.2411111	4.973388
#3	19.73836	188.5152	.1600895	-.000328	1.349165	.2392825	4.971642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.905346	5.273551	-.573595	.0039749	43.77727	6.273222	.0155667
Stddev	.079956	.033429	.003356	.0005933	.24228	.059126	.0007763
%RSD	1.157883	.6338934	.5850726	14.92679	.5534417	.9425152	4.986732

#1	6.895553	5.236019	-.575225	.0045758	43.49886	6.299520	.0147029
#2	6.989747	5.300129	-.575824	.0039594	43.89266	6.314637	.0157913
#3	6.830738	5.284504	-.569735	.0033894	43.94029	6.205510	.0162058

Sample Name: I3294-10 Acquired: 5/31/2017 17:50:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Z8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5905897	.0509044	.1720623
Stddev	.0055577	.0005981	.0012063
%RSD	.9410465	1.174873	.7010602

#1	.5928804	.0502226	.1724359
#2	.5946359	.0513405	.1730375
#3	.5842527	.0511499	.1707134

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.952	2501.081	57735.38	4649.600	2964.528
Stddev	21.338	15.802	250.12	42.945	15.094
%RSD	1.238451	.6318011	.4332128	.9236181	.5091418

#1	1703.446	2516.535	57447.31	4632.293	2980.441
#2	1719.668	2501.756	57897.39	4618.009	2962.727
#3	1745.741	2484.952	57861.43	4698.497	2950.416

Sample Name: CCV045 Acquired: 5/31/2017 17:57:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031668	4.736767	23.91637	4.938726	5.032663	403.5786
Stddev	.013844	.009056	.09305	.012623	.001859	1.1179
%RSD	.2751417	.1911931	.3890650	.2555852	.0369439	.2769849

#1	5.015860	4.726318	23.85965	4.935998	5.034226	404.1312
#2	5.037508	4.742346	23.86570	4.952490	5.033156	402.2921
#3	5.041635	4.741637	24.02376	4.927691	5.030607	404.3126

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08732	.4876157	2.410666	401.8347	14.71539	2.452231
Stddev	.01802	.0014755	.011134	2.6733	.07299	.006921
%RSD	.1786461	.3025902	.4618789	.6652751	.4960059	.2822470

#1	10.10313	.4883572	2.404939	401.3975	14.75913	2.448580
#2	10.09112	.4859166	2.403560	399.4069	14.75591	2.447900
#3	10.06770	.4885734	2.423498	404.6996	14.63113	2.460214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12375	402.7555	14.72190	403.9835	2.389713	1.302390
Stddev	.04381	1.6526	.11533	2.1645	.005942	.005010
%RSD	.2897003	.4103185	.7833869	.5358002	.2486602	.3847146

#1	15.17434	402.2117	14.65895	403.4726	2.385912	1.302146
#2	15.09880	401.4434	14.65175	402.1201	2.386666	1.307518
#3	15.09811	404.6115	14.85501	406.3578	2.396561	1.297506

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.1121	2.416476	14.19951	154.7937	5.227235	F 4.100443
Stddev	1.6681	.007444	.05152	.5054	.007346	.024674
%RSD	.4107502	.3080628	.3628464	.3264813	.1405335	.6017492

#1	406.9826	2.421702	14.14042	155.1080	5.219756	4.095654
#2	404.1888	2.407952	14.22308	154.2107	5.227507	4.078514
#3	407.1649	2.419773	14.23503	155.0623	5.234441	4.127161

Sample Name: CCV045 Acquired: 5/31/2017 17:57:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.847494	4.928752	4.910082	4.806632	4.959934	5.194001
Stddev	.006964	.013567	.021226	.012701	.014975	.025609
%RSD	.1436695	.2752682	.4322849	.2642402	.3019227	.4930518

#1	4.855268	4.924436	4.922432	4.801543	4.966317	5.222797
#2	4.841826	4.917867	4.885573	4.797264	4.942824	5.173780
#3	4.845387	4.943952	4.922242	4.821088	4.970659	5.185425

Elem	Sr4077
Units	ppm
Avg	5.069363
Stddev	.010072
%RSD	.1986764

#1	5.079041
#2	5.058939
#3	5.070109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.125	2086.208	48383.72	3935.143	2549.117
Stddev	5.273	3.761	142.38	18.261	1.765
%RSD	.3656306	.1802709	.2942678	.4640600	.0692442

#1	1446.632	2089.358	48333.06	3928.288	2550.881
#2	1436.326	2082.044	48273.60	3955.840	2549.118
#3	1443.418	2087.222	48544.50	3921.301	2547.351

Sample Name: CCB045 Acquired: 5/31/2017 18:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000935	-.000097	-.000601	.0010209	-.000047	.0093153	-.005360
Stddev	.001058	.000593	.000490	.0009940	.000784	.0037941	.000322
%RSD	113.1482	609.9659	81.59597	97.36177	1682.474	40.72926	5.999872

#1	-.001670	.000503	-.000042	.0021687	-.000836	.0119749	-.005728
#2	.000278	-.000683	-.000957	.0004402	-.000035	.0049706	-.005134
#3	-.001413	-.000112	-.000804	.0004539	.000732	.0110004	-.005218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000023	.0000003	.0065661	-.000008	-.000156	.0023630	-.003911
Stddev	.0000140	.0000469	.0084121	.000168	.000241	.0004886	.006349
%RSD	601.2375	17822.44	128.1133	2057.763	154.0779	20.67644	162.3444

#1	-.000010	-.000042	.0159390	.000147	-.000398	.0029255	-.011222
#2	.000000	.000051	.0040877	-.000187	-.000153	.0021188	.000211
#3	.000017	-.000007	-.000328	.000016	.000083	.0020446	-.000721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000252	-.011364	-.000065	.0001290	-.204590	.0004122	-.024992
Stddev	.000096	.041510	.000167	.0004834	.086295	.0019313	.012148
%RSD	38.01562	365.2729	258.4138	374.6457	42.17959	468.5243	48.60804

#1	-.000142	-.028103	.000096	.0006815	-.287547	.0020770	-.031509
#2	-.000317	-.041892	-.000237	-.000217	-.115304	-.001705	-.032491
#3	-.000297	.035902	-.000052	-.000078	-.210920	.000865	-.010976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120600	.0006909	-.000367	.0001138	-.008628	-.002293	-.000681
Stddev	.023853	.0008067	.000226	.0001386	.007565	.000893	.000437
%RSD	19.77890	116.7716	61.42630	121.7867	87.67998	38.93108	64.21099

#1	-.093781	.0012687	-.000519	.0001641	-.008955	-.002352	-.001073
#2	-.128576	.0010347	-.000108	.0002201	-.016024	-.001372	-.000761
#3	-.139444	-.000231	-.000476	-.000043	-.000905	-.003154	-.000209

Sample Name: CCB045 Acquired: 5/31/2017 18:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v23) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007301	-.000037	.0000018
Stddev	.0001966	.000390	.0000557
%RSD	26.92359	1048.029	3186.783

#1	.0005191	.000218	.0000469
#2	.0007633	.000157	-.000060
#3	.0009080	-.000487	.000019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.484	2580.539	58219.24	4226.816	3966.515
Stddev	6.730	8.143	162.14	12.250	7.524
%RSD	.3788144	.3155359	.2785048	.2898126	.1896863

#1	1770.600	2571.324	58043.58	4213.449	3964.896
#2	1775.030	2583.532	58250.97	4229.491	3974.717
#3	1783.821	2586.762	58363.17	4237.507	3959.933