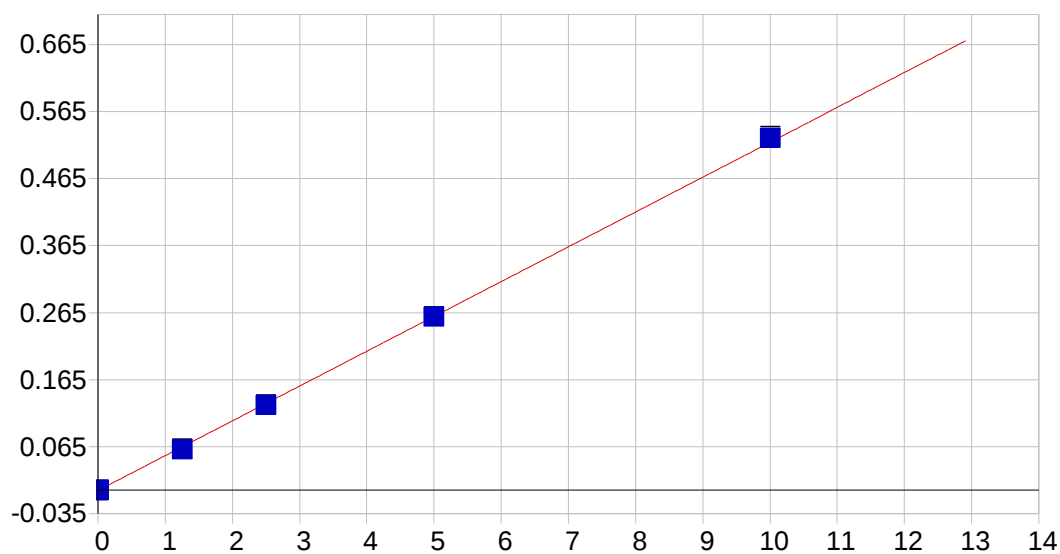




As 189.042 {479}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000345

Re-Slope: 1.000000

A1 (Gain): 0.051968

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999819

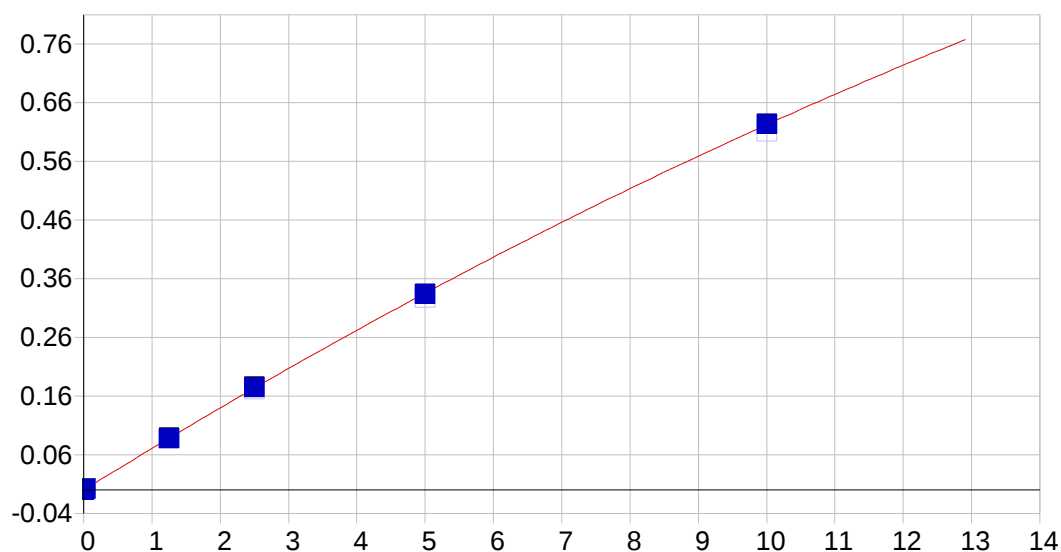
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.003572

Predicted MQL: 0.011907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01256	.003	25.6	.00031	.000	1
S2	1.2500	1.1801	-.070	-5.60	.06096	.001	1
S3	2.5000	2.4570	-.043	-1.72	.12730	.000	1
S4	5.0000	4.9898	-.010	-.204	.25889	.000	1
S5	10.000	10.121	.121	1.21	.52545	.003	1



TI 190.856 {477}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000169

Re-Slope: 1.000000

A1 (Gain): 0.072021

Y-int: 0.000000

A2 (Curvature): -0.000972

n (Exponent): 1.000000

Correlation: 0.999984

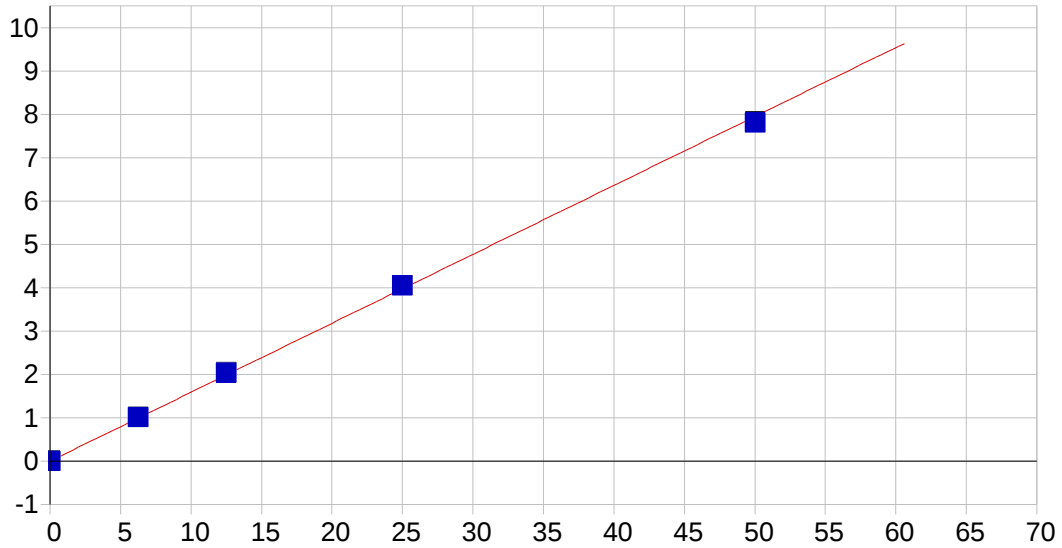
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.001664

Predicted MQL: 0.005546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.02500	.02752	.003	10.1	.00166	.000	1
S2	1.2500	1.2530	.003	.240	.08691	.000	1
S3	2.5000	2.5129	.013	.515	.17140	.001	1
S4	5.0000	4.9679	-.032	-.641	.32710	.000	1
S5	10.000	10.014	.014	.144	.61053	.000	1

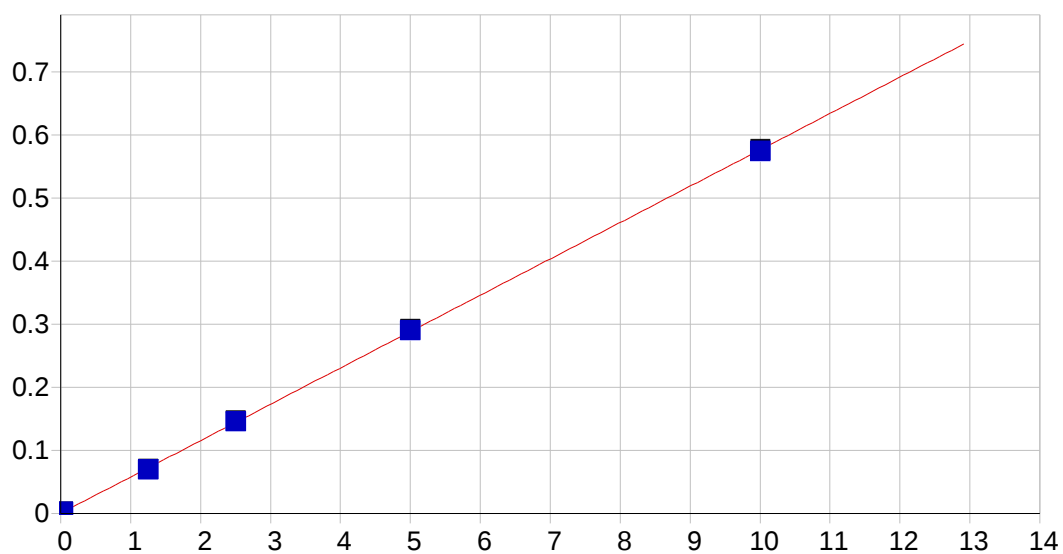


Pb 220.353 {453}

Date of Fit: 8/9/2017 13:11:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.158974 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.001501
 Predicted MQL: 0.005002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01188	.002	18.8	.00188	.000	1
S2	6.2500	6.3690	.119	1.90	1.0128	.003	1
S3	12.500	12.825	.325	2.60	2.0394	.007	1
S4	25.000	25.432	.432	1.73	4.0441	.006	1
S5	50.000	49.123	-.877	-1.75	7.8116	.015	1



Se 196.090 {472}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000278

Re-Slope: 1.000000

A1 (Gain): 0.057586

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

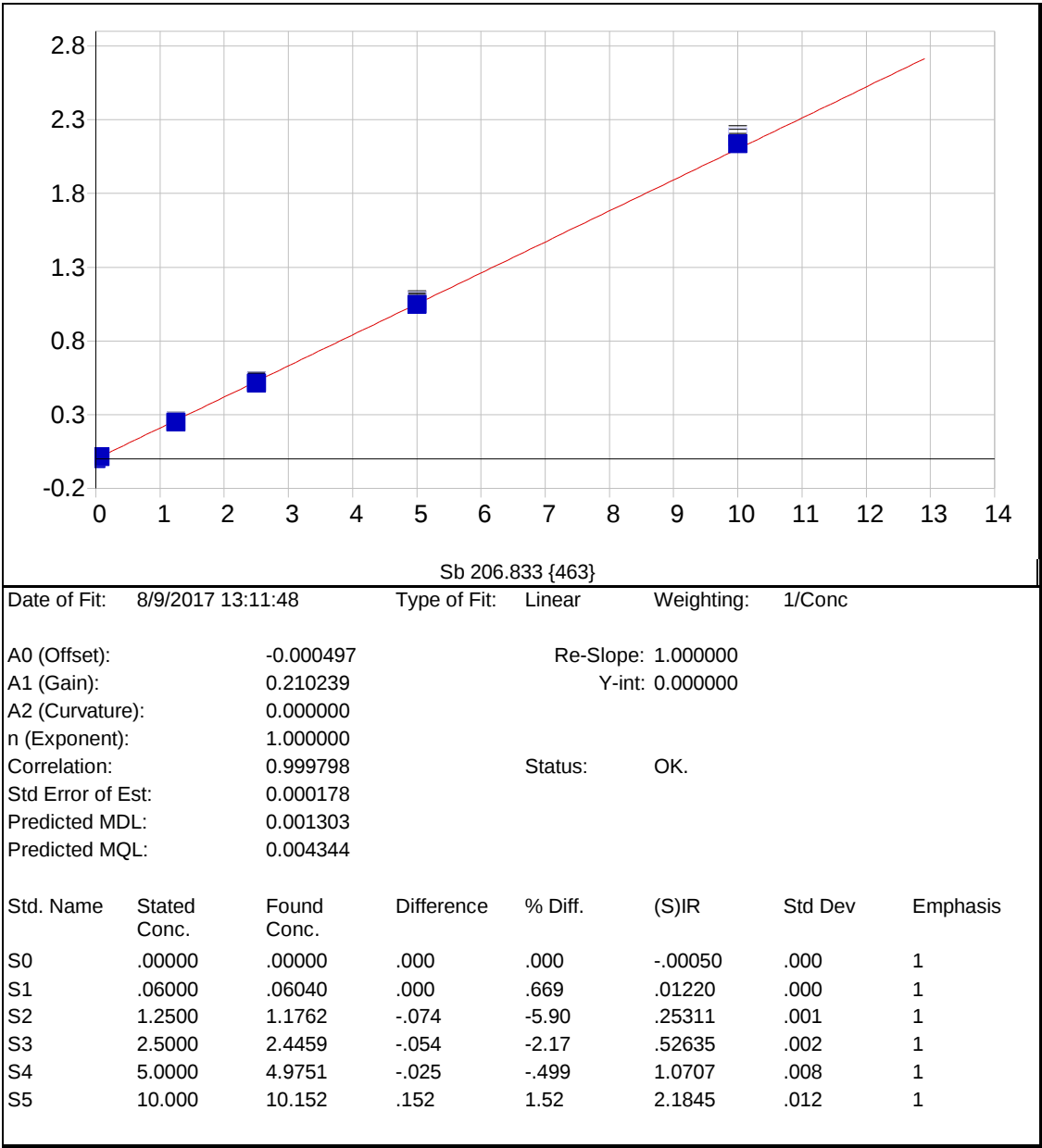
Status: OK.

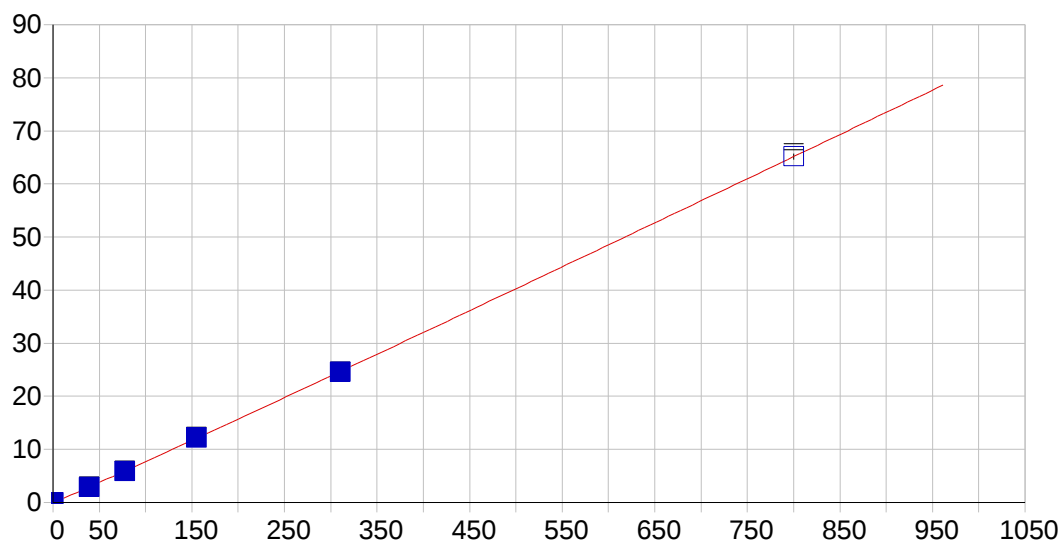
Std Error of Est: 0.000020

Predicted MDL: 0.003449

Predicted MQL: 0.011498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.03500	.03613	.001	3.22	.00236	.000	1
S2	1.2500	1.2061	-.044	-3.51	.06947	.000	1
S3	2.5000	2.5303	.030	1.21	.14546	.001	1
S4	5.0000	5.0408	.041	.816	.28949	.002	1
S5	10.000	9.9716	-.028	-.284	.57237	.003	1





AI 396.152 { 85}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000328

Re-Slope: 1.000000

A1 (Gain): 0.067107

Y-int: 0.000000

A2 (Curvature): -0.000000

n (Exponent): 1.030000

Correlation: 0.999988

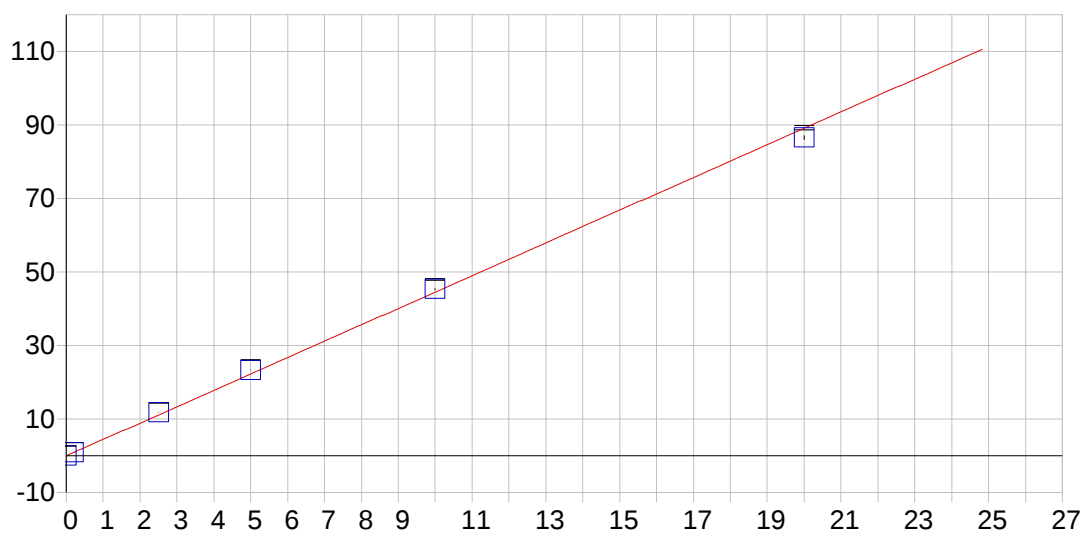
Status: OK.

Std Error of Est: 0.000316

Predicted MDL: 0.004432

Predicted MQL: 0.014773

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.20000	.23606	.036	18.0	.01552	.000	1
S2	38.750	38.352	-.398	-1.03	2.8738	.012	1
S3	77.500	77.158	-.342	-.442	5.9017	.013	1
S4	155.00	156.71	1.71	1.10	12.235	.040	1
S5	310.00	308.81	-1.19	-.384	24.573	.068	1
S6	800.00	800.18	.180	.022	65.162	.591	1

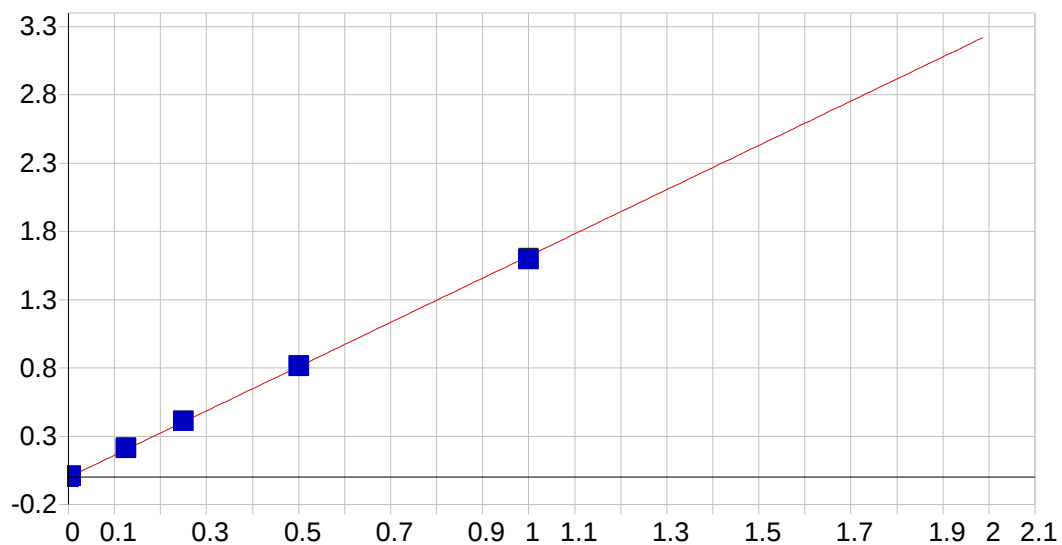


Ba 493.409 { 68}

Date of Fit: 8/9/2017 13:11:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.039072 Re-Slope: 1.000000
 A1 (Gain): 4.456207 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999467 Status: OK.
 Std Error of Est: 0.015466
 Predicted MDL: 0.000230
 Predicted MQL: 0.000766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.03913	.001	1
S1	.20000	.19429	-.006	-2.86	.82671	.004	1
S2	2.5000	2.6456	.146	5.83	11.750	.090	1
S3	5.0000	5.2443	.244	4.89	23.331	.091	1
S4	10.000	10.185	.185	1.85	45.347	.201	1
S5	20.000	19.431	-.569	-2.85	86.549	.591	1



Be 234.861 {144}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000738

Re-Slope: 1.000000

A1 (Gain): 1.620705

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999780

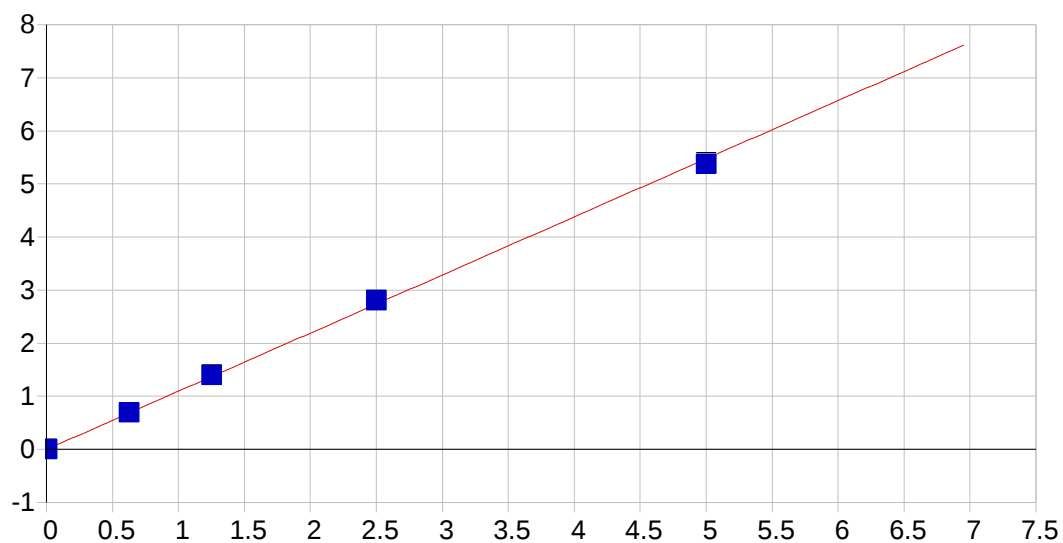
Status: OK.

Std Error of Est: 0.000127

Predicted MDL: 0.000099

Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00074	.000	1
S1	.00500	.00601	.001	20.3	.00900	.000	1
S2	.12500	.13143	.006	5.14	.21159	.002	1
S3	.25000	.25409	.004	1.63	.40970	.001	1
S4	.50000	.50271	.003	.543	.81129	.004	1
S5	1.0000	.98575	-.014	-1.42	1.5914	.006	1



Cd 214.438 {457}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000095

Re-Slope: 1.000000

A1 (Gain): 1.095013

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999796

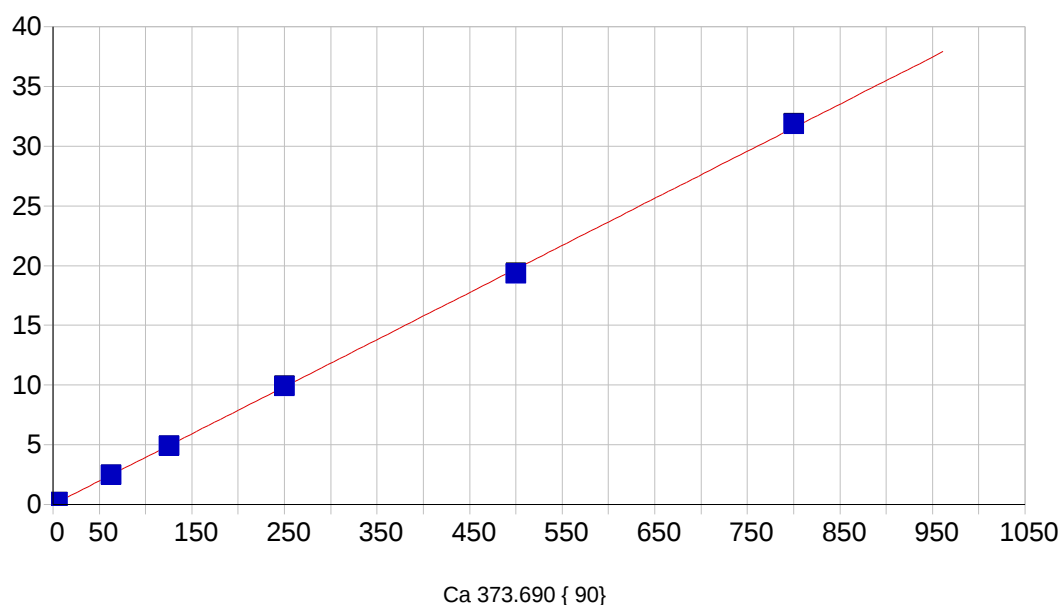
Status: OK.

Std Error of Est: 0.000186

Predicted MDL: 0.000138

Predicted MQL: 0.000459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.00500	.00546	.000	9.17	.00589	.000	1
S2	.62500	.63269	.008	1.23	.69432	.003	1
S3	1.2500	1.2748	.025	1.98	1.3990	.004	1
S4	2.5000	2.5606	.061	2.43	2.8103	.002	1
S5	5.0000	4.9064	-.094	-1.87	5.3854	.021	1



Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000826

Re-Slope: 1.000000

A1 (Gain): 0.039427

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999912

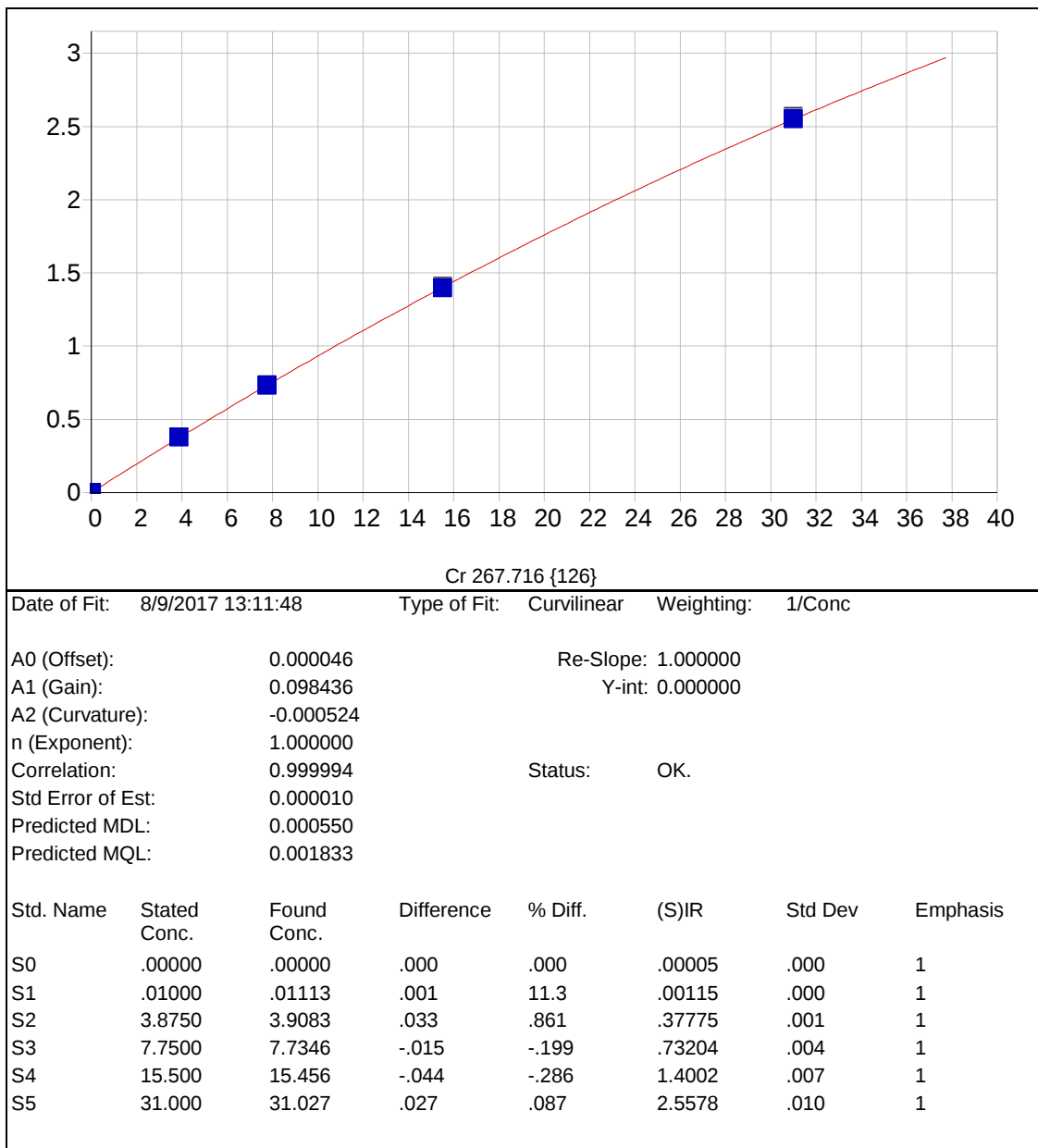
Status: OK.

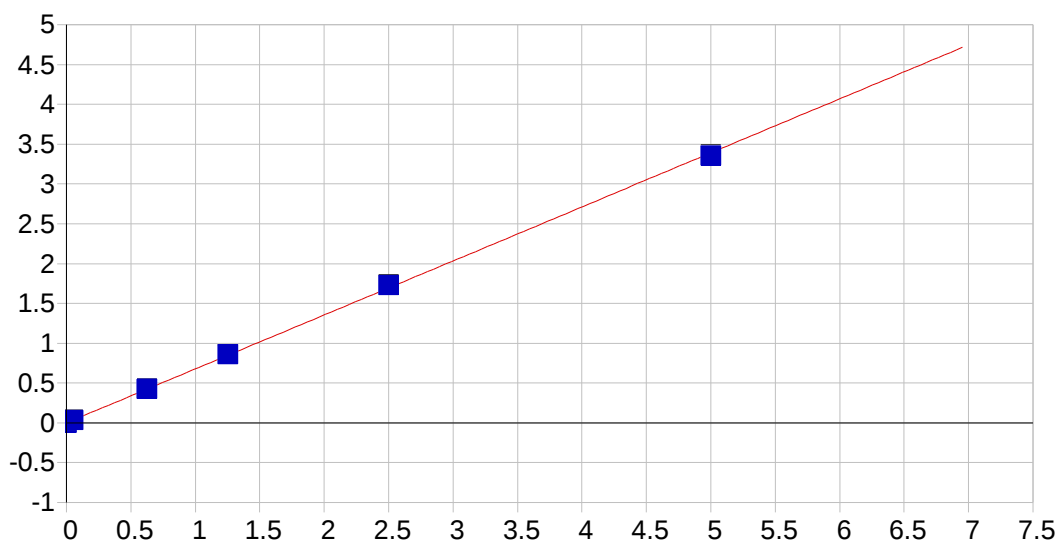
Std Error of Est: 0.001824

Predicted MDL: 0.007568

Predicted MQL: 0.025226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	.000	.000	.00082	.000	1
S1	5.0000	5.1232	.123	2.46	.20281	.002	1
S2	62.500	62.714	.214	.342	2.4705	.024	1
S3	125.00	124.64	-.359	-.287	4.9091	.010	1
S4	250.00	251.27	1.27	.506	9.8955	.019	1
S5	500.00	490.02	-9.98	-2.00	19.297	.065	1
S6	800.00	808.74	8.74	1.09	31.823	.024	1





Co 228.616 {448}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000195

Re-Slope: 1.000000

A1 (Gain): 0.678041

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

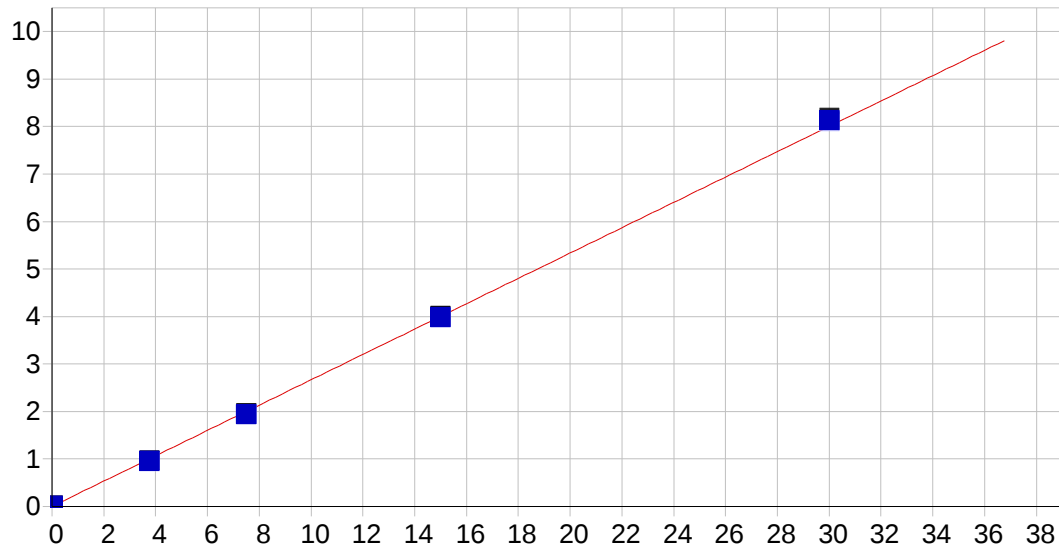
Status: OK.

Std Error of Est: 0.000246

Predicted MDL: 0.000249

Predicted MQL: 0.000831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.05000	.04780	-.002	-4.41	.03234	.000	1
S2	.62500	.62520	.000	.031	.42460	.001	1
S3	1.2500	1.2654	.015	1.23	.85958	.003	1
S4	2.5000	2.5447	.045	1.79	1.7287	.003	1
S5	5.0000	4.9419	-.058	-1.16	3.3577	.007	1



Cu 324.754 {104}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000889

Re-Slope: 1.000000

A1 (Gain): 0.266816

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999805

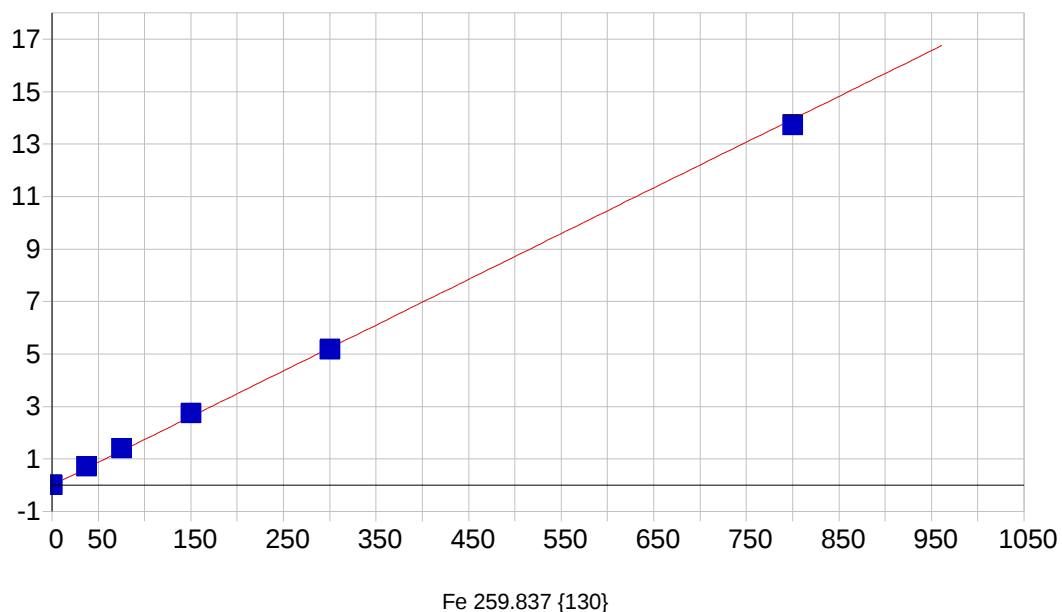
Status: OK.

Std Error of Est: 0.000241

Predicted MDL: 0.000776

Predicted MQL: 0.002588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.02500	.02513	.000	.507	.00755	.000	1
S2	3.7500	3.5770	-.173	-4.61	.95244	.006	1
S3	7.5000	7.2815	-.218	-2.91	1.9380	.011	1
S4	15.000	14.928	-.072	-.479	3.9725	.022	1
S5	30.000	30.463	.463	1.54	8.1061	.044	1



Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000041

Re-Slope: 1.000000

A1 (Gain): 0.017432

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999518

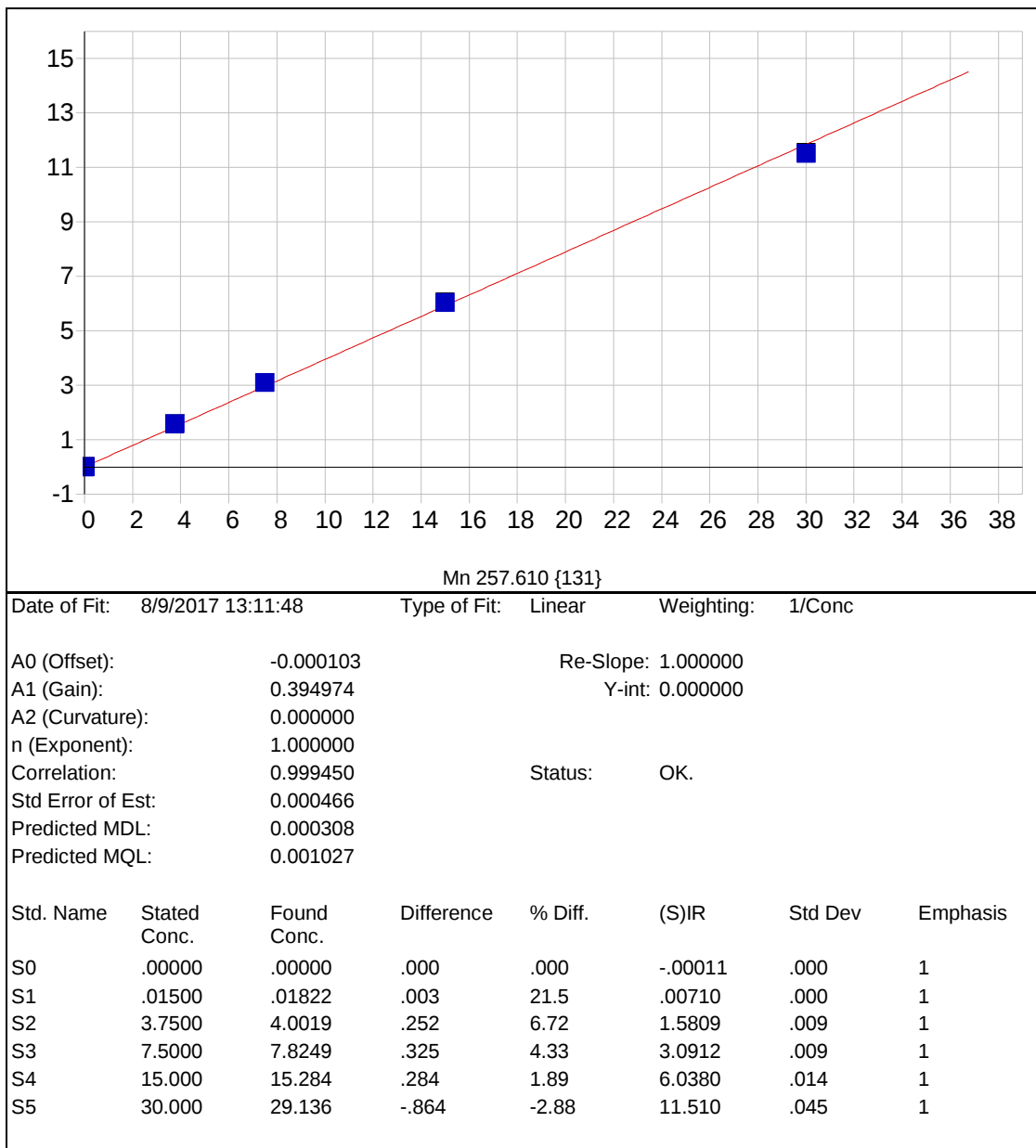
Status: OK.

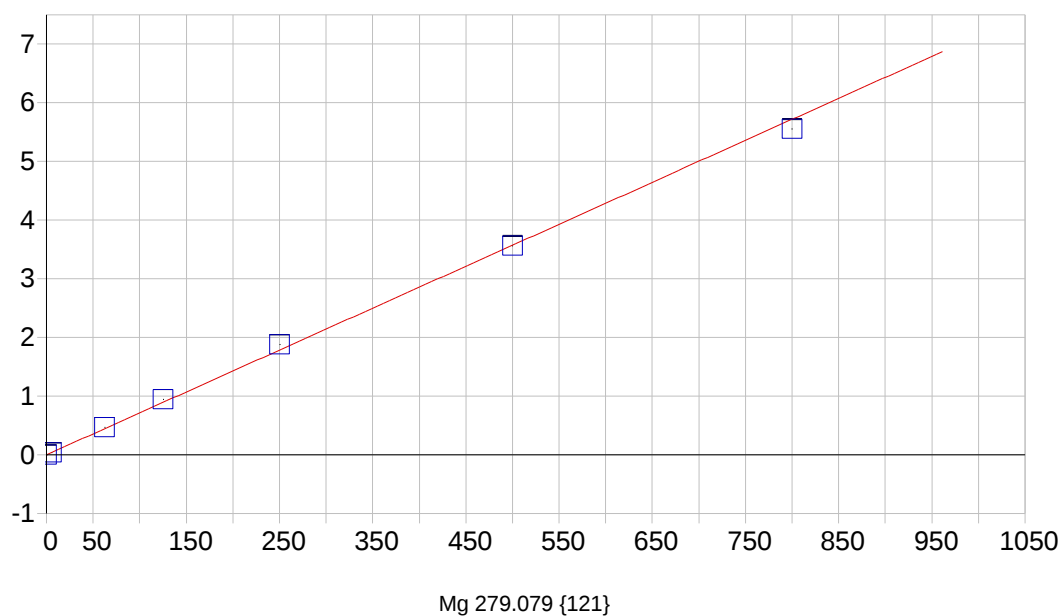
Std Error of Est: 0.000236

Predicted MDL: 0.006118

Predicted MQL: 0.020392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00004	.000	1
S1	.10000	.12026	.020	20.3	.00215	.000	1
S2	37.500	41.079	3.58	9.54	.71690	.003	1
S3	75.000	80.429	5.43	7.24	1.4036	.004	1
S4	150.00	157.07	7.07	4.71	2.7412	.004	1
S5	300.00	296.93	-3.07	-1.02	5.1822	.014	1
S6	800.00	786.96	-13.0	-1.63	13.725	.016	1





Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000076

Re-Slope: 1.000000

A1 (Gain): 0.007147

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999436

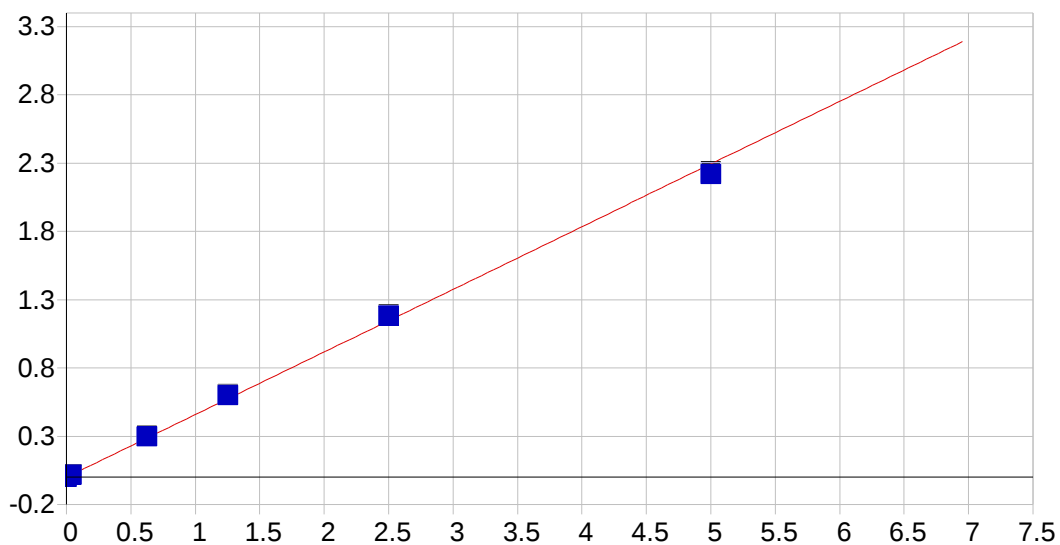
Status: OK.

Std Error of Est: 0.000838

Predicted MDL: 0.017326

Predicted MQL: 0.057752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00098	-.001	.000	-.00008	.000	1
S1	5.0000	5.3165	.317	6.33	.03792	.000	1
S2	62.500	65.740	3.24	5.18	.46977	.001	1
S3	125.00	132.51	7.51	6.01	.94697	.003	1
S4	250.00	263.01	13.0	5.20	1.8797	.001	1
S5	500.00	498.66	-1.34	-.268	3.5638	.009	1
S6	800.00	777.27	-22.7	-2.84	5.5550	.010	1

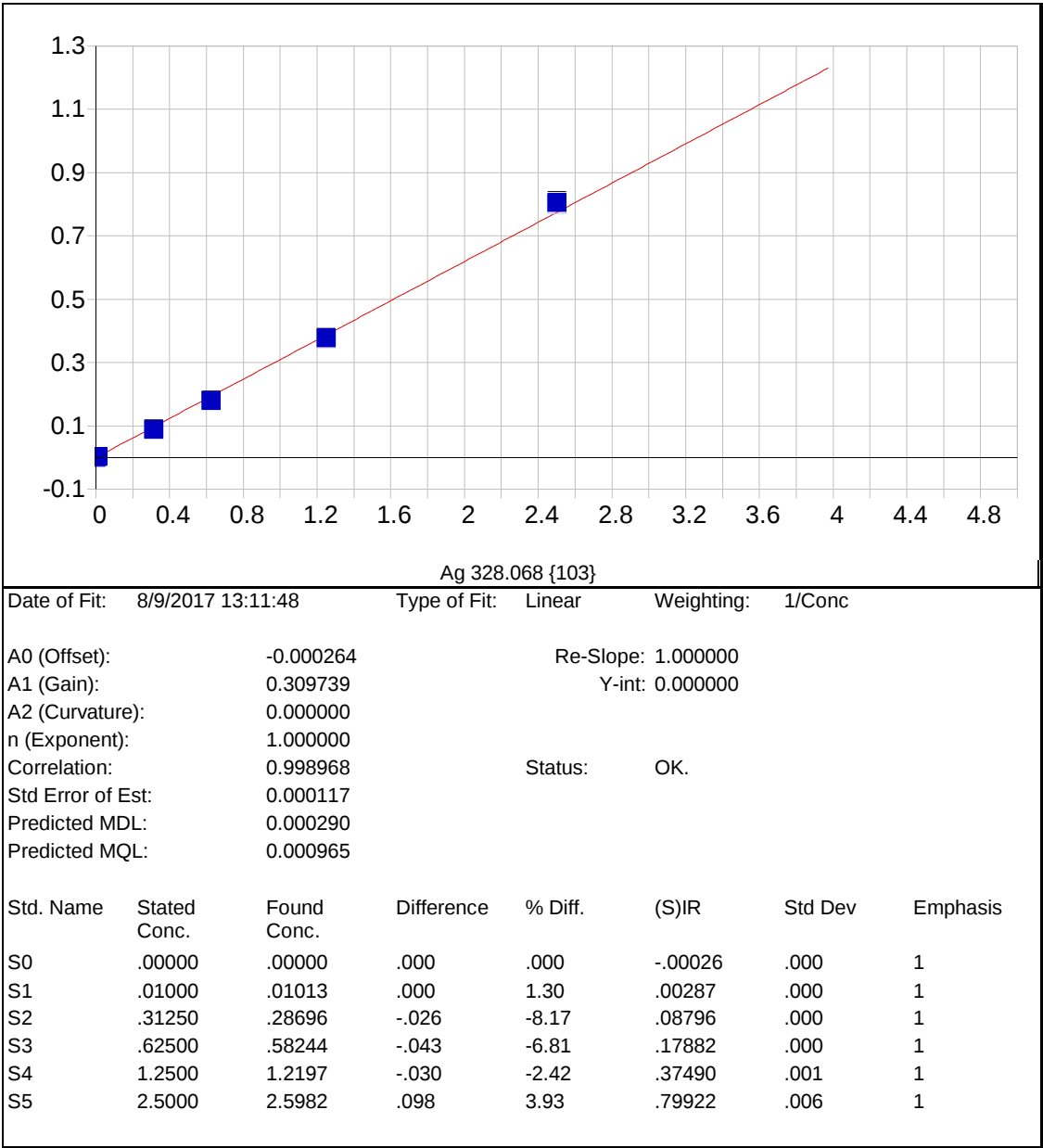


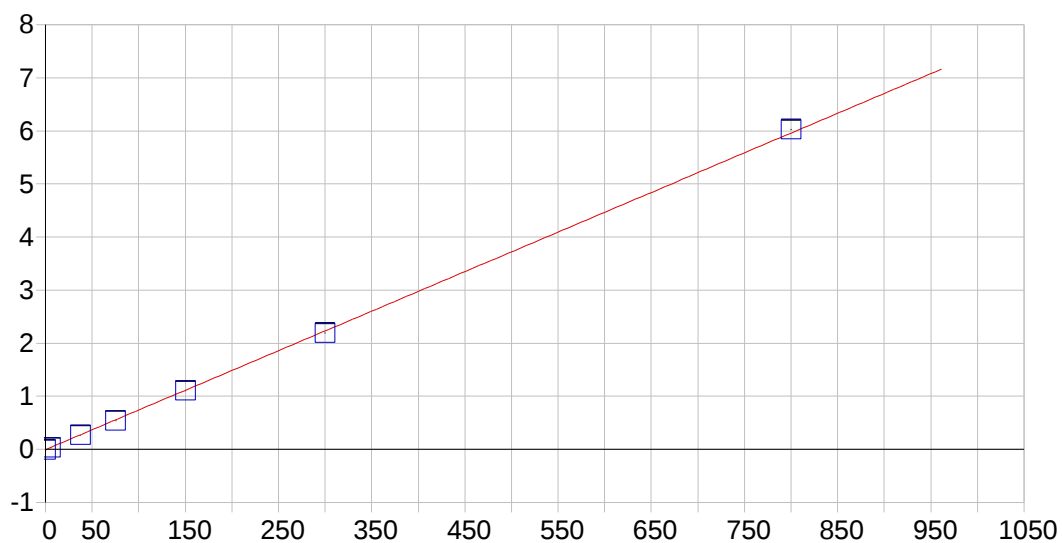
Ni 231.604 {446}

Date of Fit: 8/9/2017 13:11:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.458734 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999400 Status: OK.
 Std Error of Est: 0.000380
 Predicted MDL: 0.000420
 Predicted MQL: 0.001400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.04000	.04062	.001	1.56	.01853	.000	1
S2	.62500	.65120	.026	4.19	.30010	.002	1
S3	1.2500	1.3092	.059	4.73	.60344	.003	1
S4	2.5000	2.5758	.076	3.03	1.1875	.003	1
S5	5.0000	4.8383	-.162	-3.23	2.2314	.006	1





Na 818.326 { 41}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003547

Re-Slope: 1.000000

A1 (Gain): 0.007451

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999903

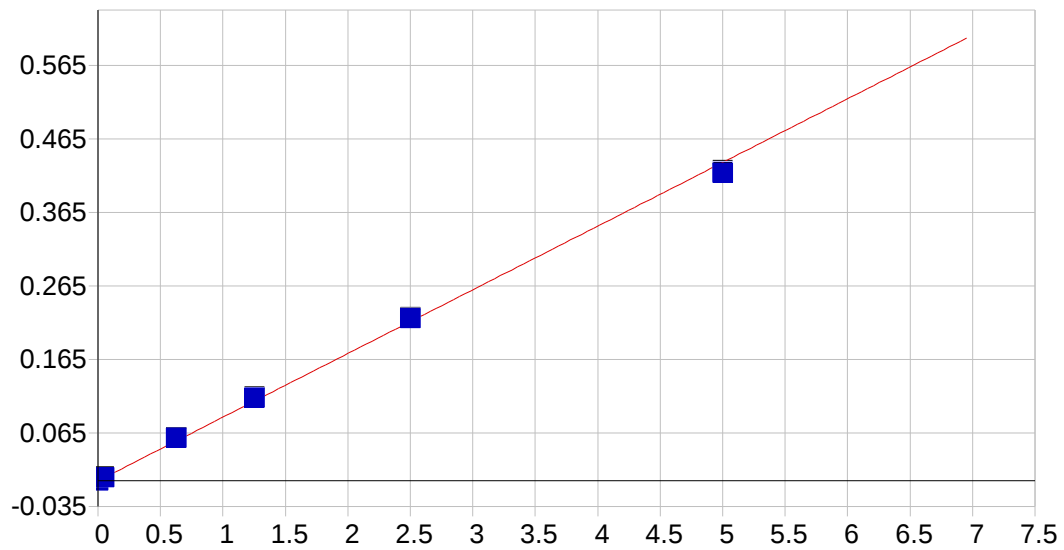
Status: OK.

Std Error of Est: 0.000322

Predicted MDL: 0.083010

Predicted MQL: 0.276701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00354	.001	1
S1	5.0000	4.9296	-.070	-1.41	.03319	.000	1
S2	37.500	36.305	-1.20	-3.19	.26698	.002	1
S3	75.000	73.438	-1.56	-2.08	.54367	.000	1
S4	150.00	148.76	-1.24	-.828	1.1049	.004	1
S5	300.00	295.03	-4.97	-1.66	2.1948	.013	1
S6	800.00	809.04	9.04	1.13	6.0250	.013	1



V 292.402 {115}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000123

Re-Slope: 1.000000

A1 (Gain): 0.086576

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999276

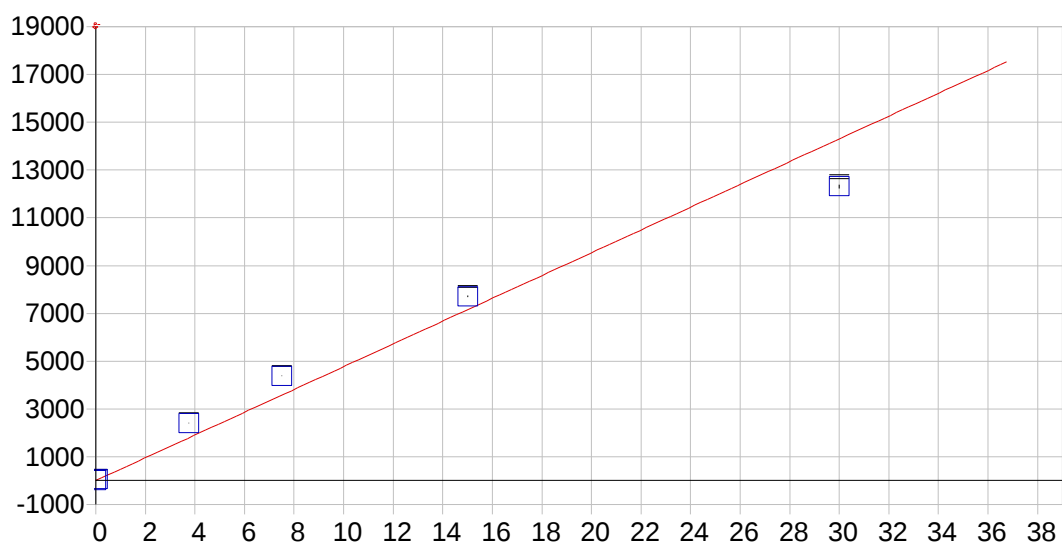
Status: OK.

Std Error of Est: 0.000088

Predicted MDL: 0.001778

Predicted MQL: 0.005925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00012	.000	1
S1	.05000	.05762	.008	15.2	.00488	.000	1
S2	.62500	.67400	.049	7.84	.05845	.001	1
S3	1.2500	1.3072	.057	4.58	.11350	.000	1
S4	2.5000	2.5479	.048	1.92	.22136	.001	1
S5	5.0000	4.8383	-.162	-3.23	.42054	.001	1

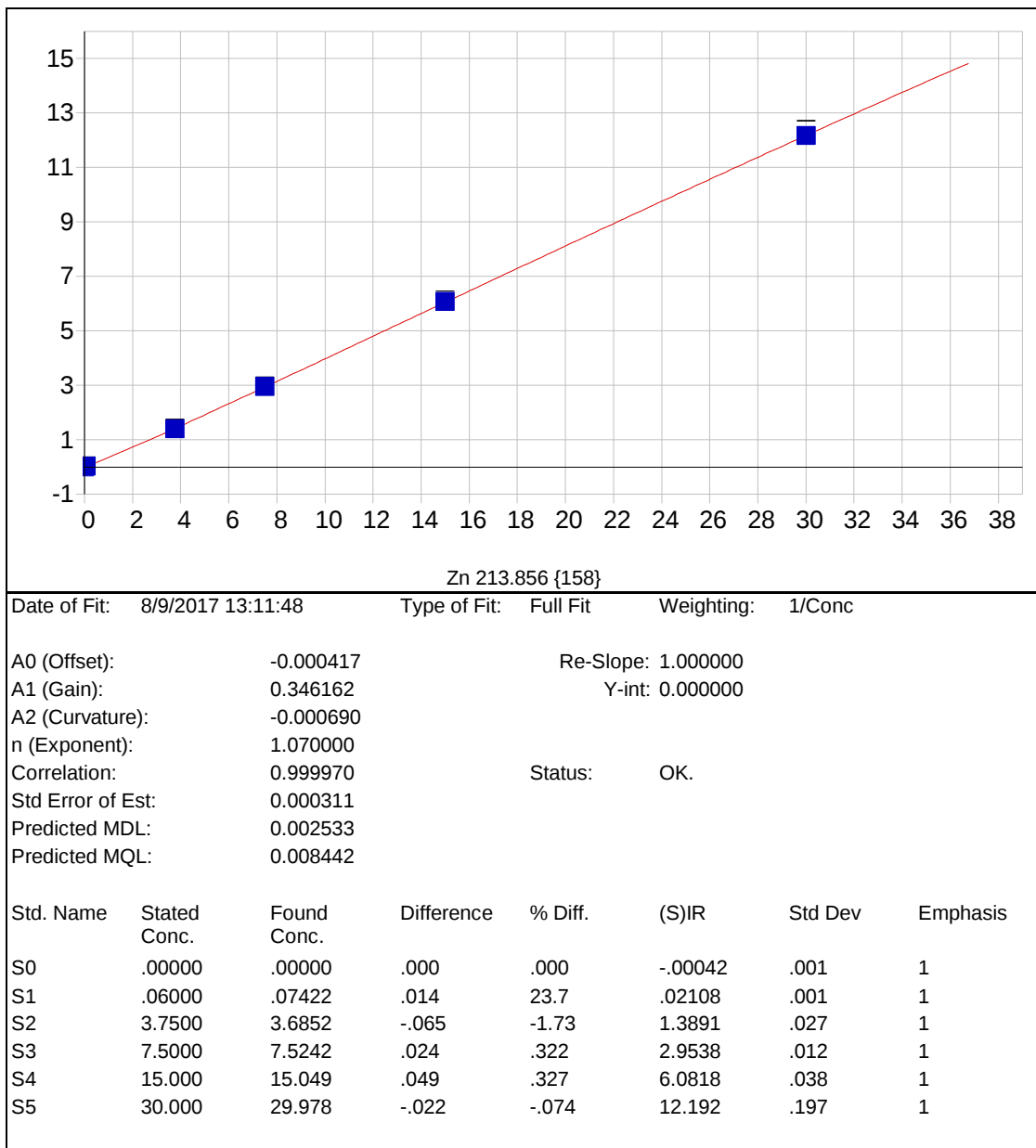


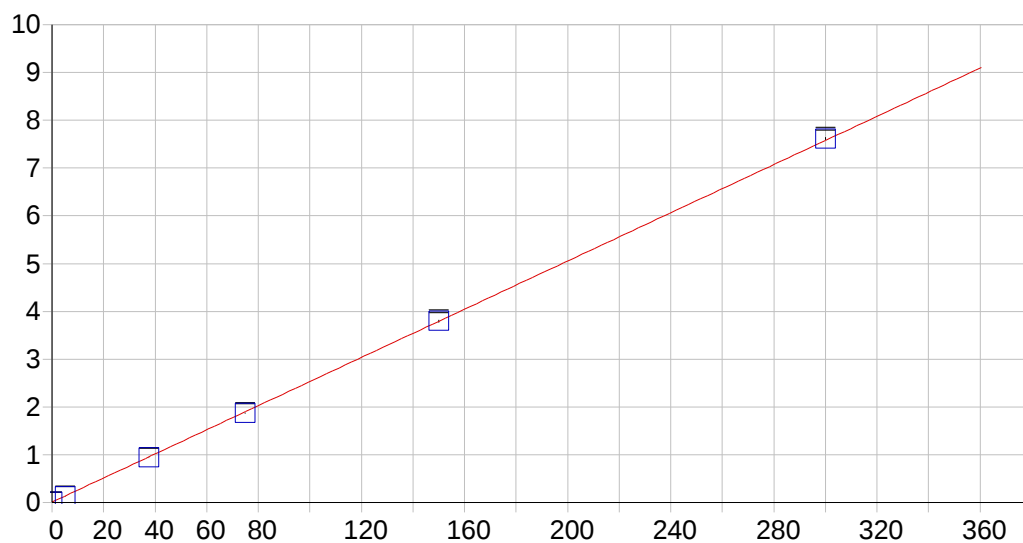
Zn 206.200 {464}

Date of Fit: 8/9/2017 13:11:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.341824 Re-Slope: 1.000000
 A1 (Gain): 476.827584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.986762 Status: OK.
 Std Error of Est: 5.575999
 Predicted MDL: 0.000802
 Predicted MQL: 0.002673

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	.31070	.438	1
S1	.06000	.09475	.035	57.9	45.519	.778	1
S2	3.7500	5.0468	1.30	34.6	2406.8	10.2	1
S3	7.5000	9.1856	1.69	22.5	4380.3	7.75	1
S4	15.000	16.165	1.16	7.77	7708.3	37.4	1
S5	30.000	25.818	-4.18	-13.9	12311.	86.7	1





K 769.896 { 44}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.007692

Re-Slope: 1.000000

A1 (Gain): 0.025234

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999972

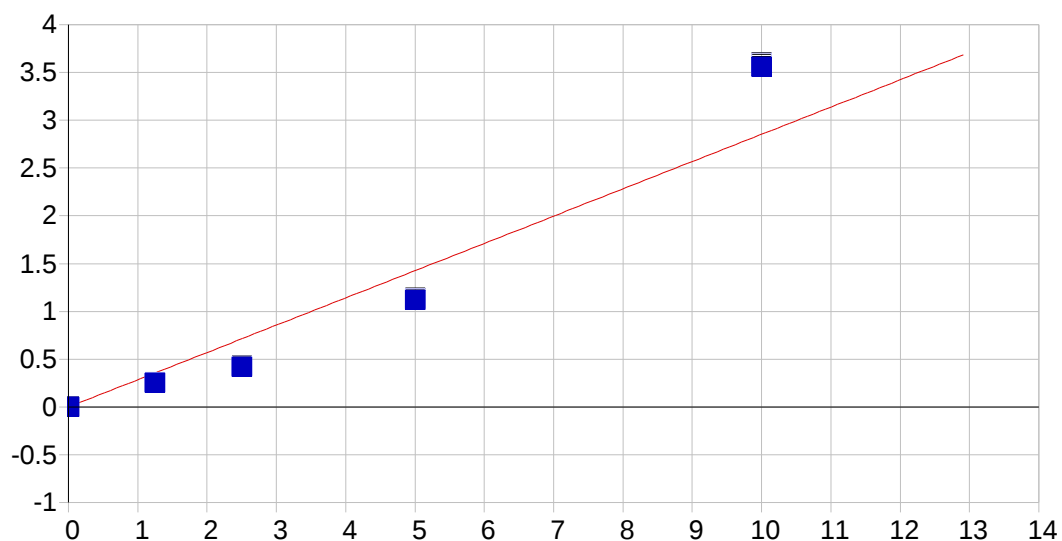
Status: OK.

Std Error of Est: 0.000389

Predicted MDL: 0.024781

Predicted MQL: 0.082603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.00770	.000	1
S1	5.0000	4.9122	-.088	-1.76	.13165	.001	1
S2	37.500	36.836	-.664	-1.77	.93720	.009	1
S3	75.000	74.079	-.921	-1.23	1.8770	.011	1
S4	150.00	150.25	.247	.164	3.7990	.028	1
S5	300.00	301.43	1.43	.475	7.6138	.029	1



P 177.495 {490}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000800

Re-Slope: 1.000000

A1 (Gain): 0.285369

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.966002

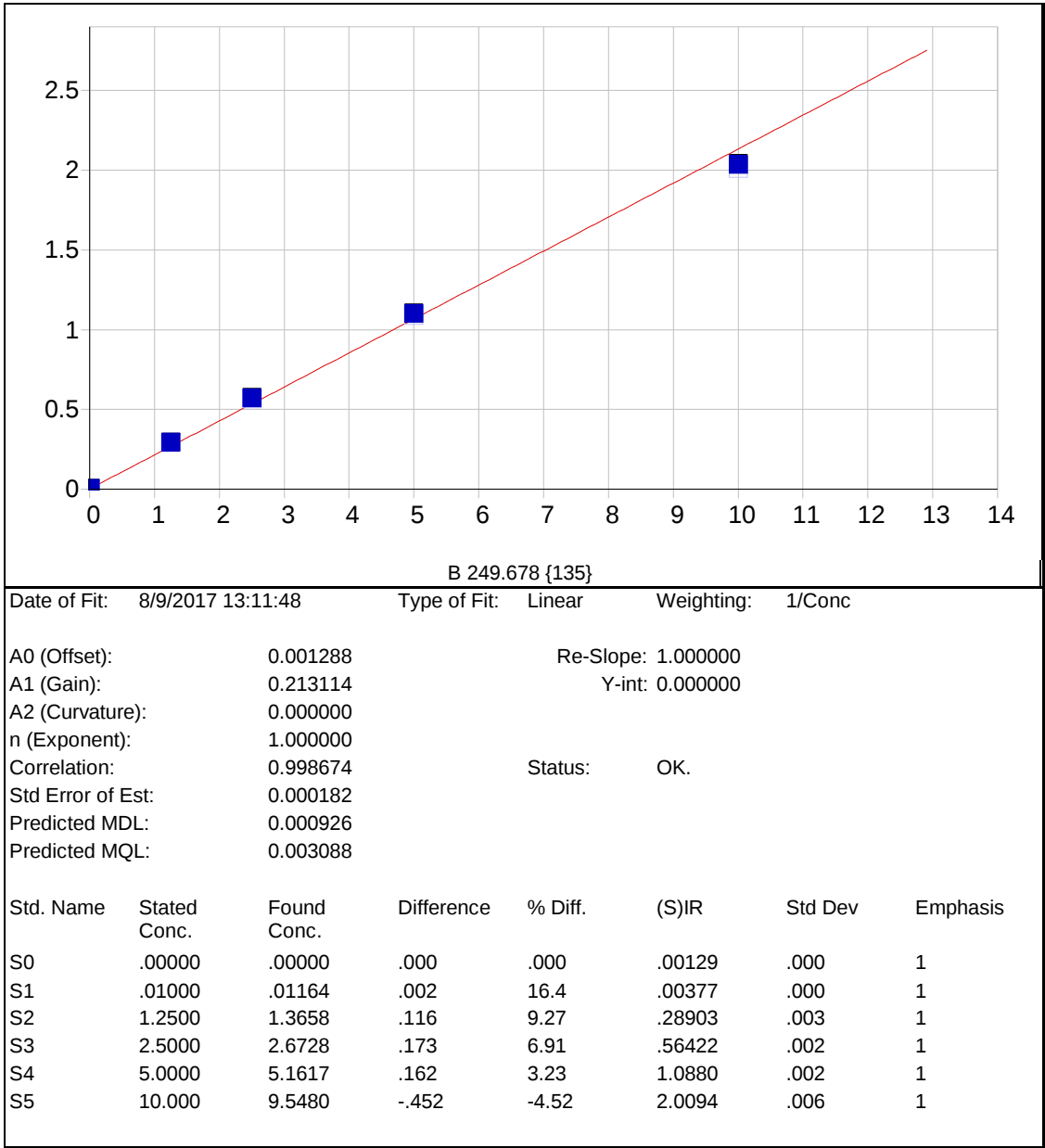
Status: OK.

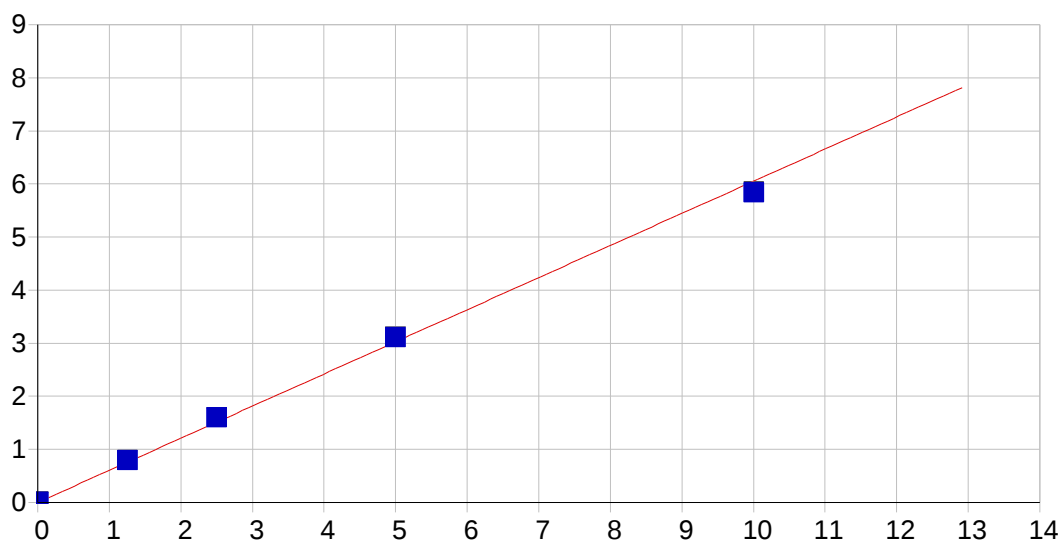
Std Error of Est: 0.001297

Predicted MDL: 0.000358

Predicted MQL: 0.001194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00080	.000	1
S1	.01000	.00171	-.008	-82.9	-.00026	.000	1
S2	1.2500	.88851	-.361	-28.9	.25737	.001	1
S3	2.5000	1.4707	-1.03	-41.2	.42812	.001	1
S4	5.0000	3.9247	-1.08	-21.5	1.1376	.002	1
S5	10.000	12.474	2.47	24.7	3.5959	.007	1



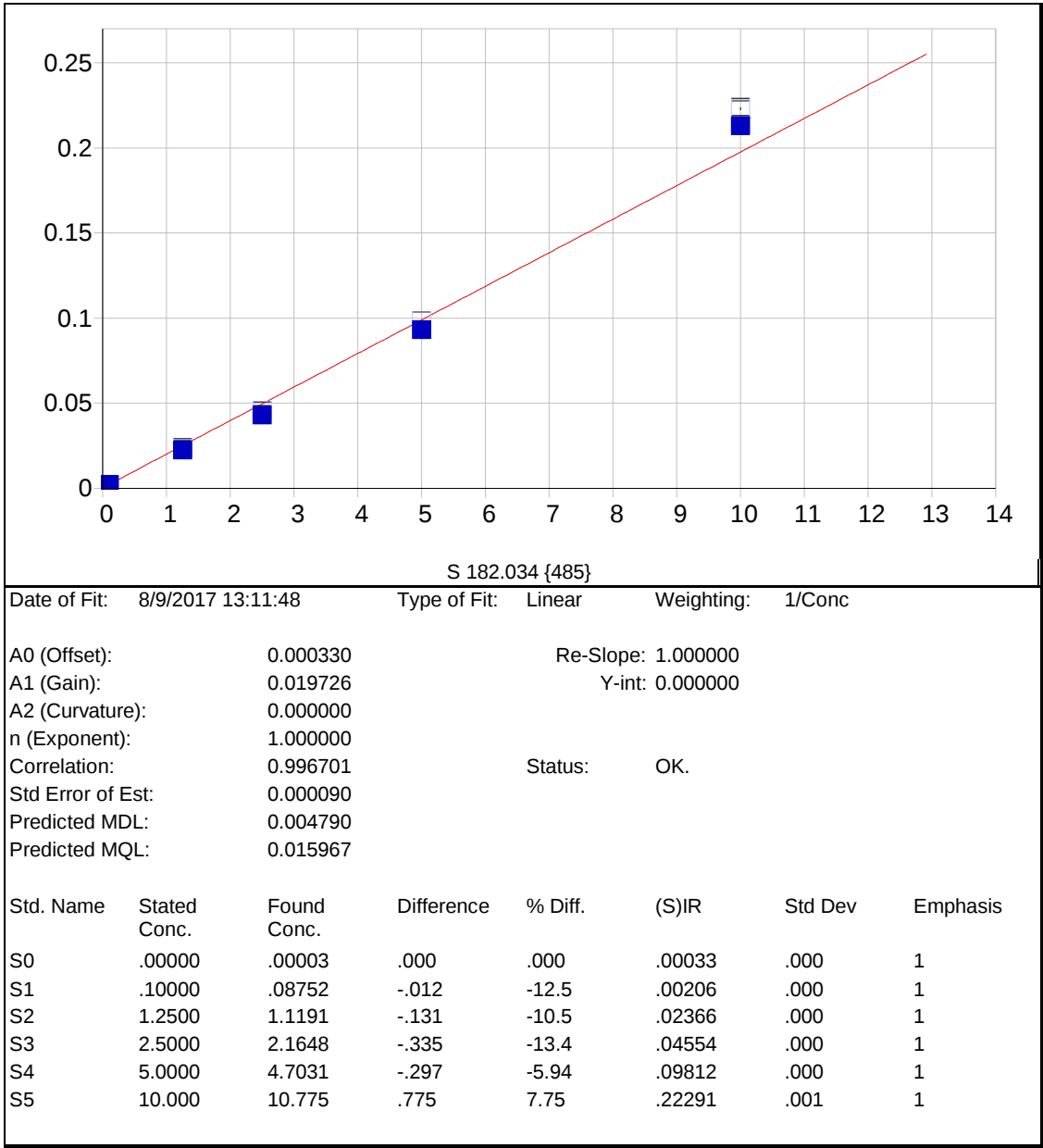


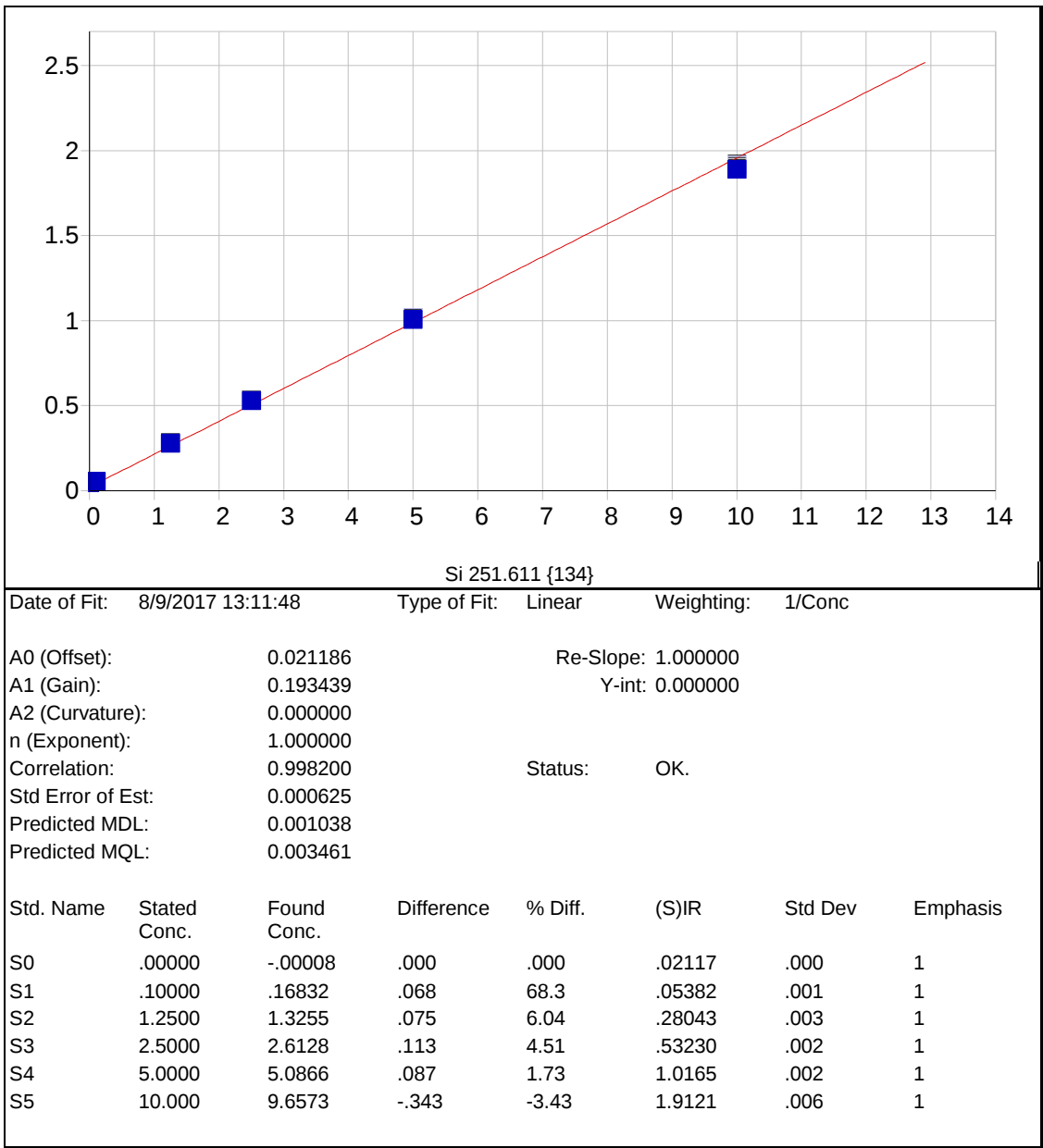
Mo 202.030 {467}

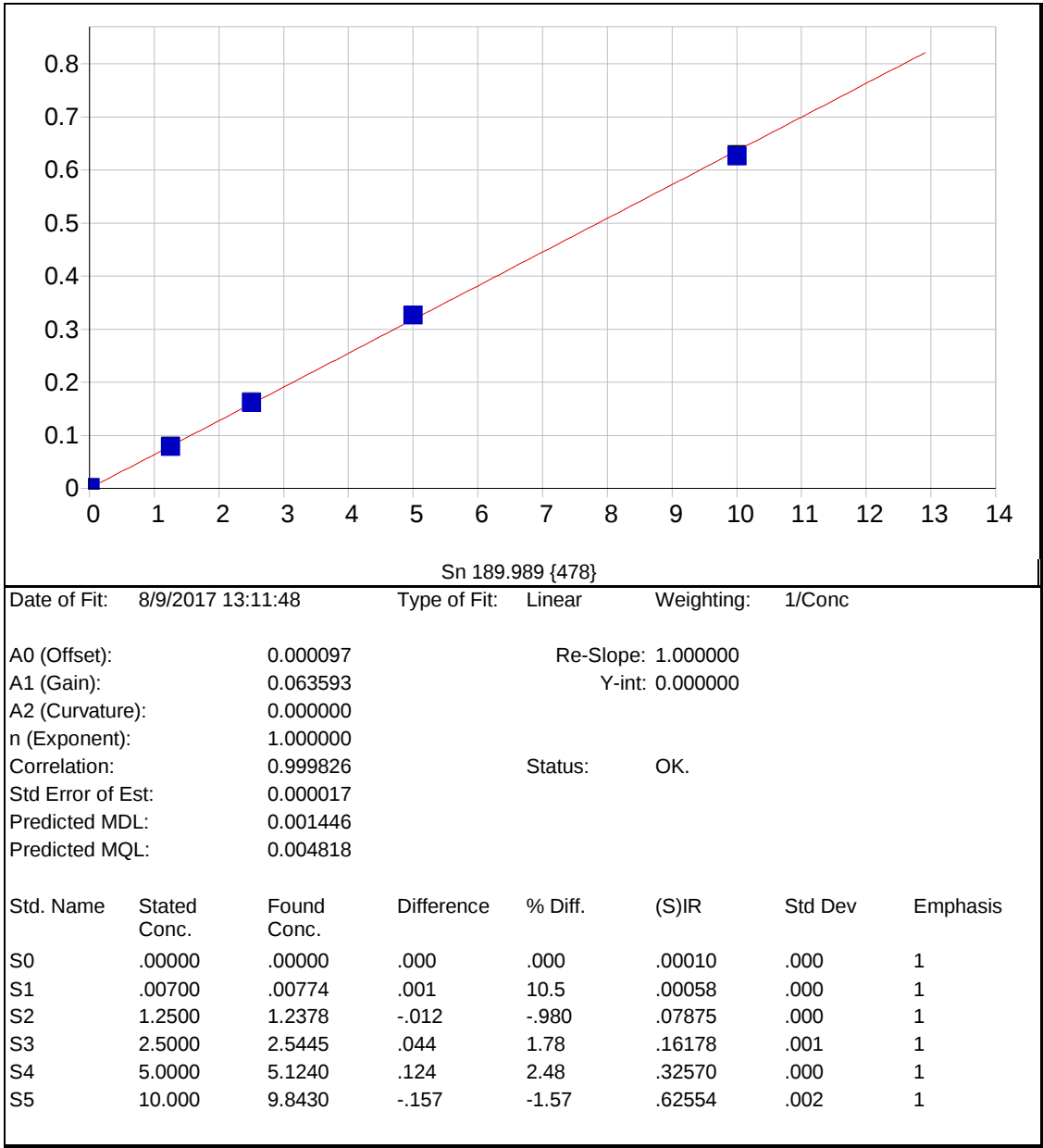
Date of Fit: 8/9/2017 13:11:48 Type of Fit: Linear Weighting: 1/Conc

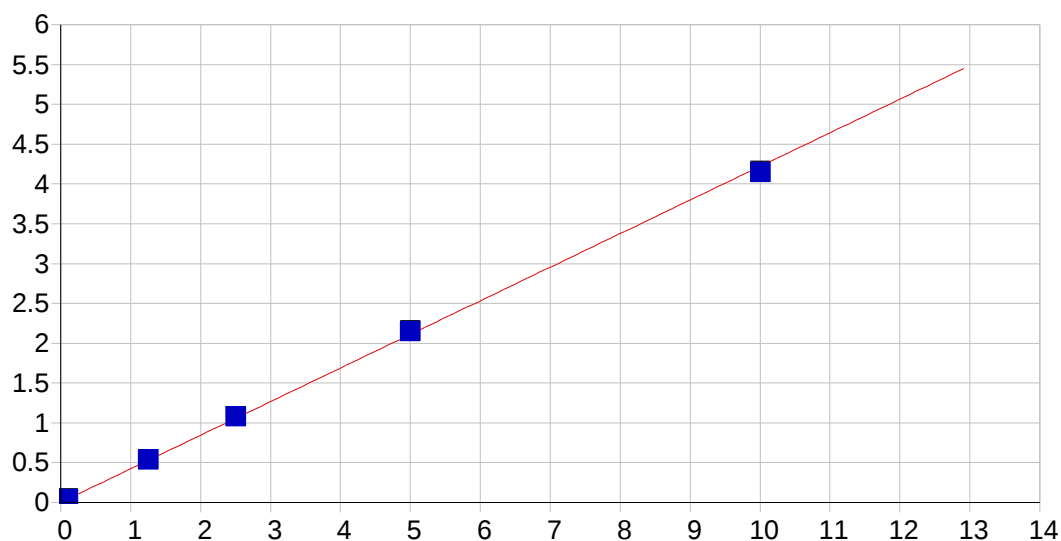
A0 (Offset): 0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.605125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999280 Status: OK.
 Std Error of Est: 0.000386
 Predicted MDL: 0.000363
 Predicted MQL: 0.001210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.01000	.01181	.002	18.1	.00739	.000	1
S2	1.2500	1.3066	.057	4.53	.79160	.002	1
S3	2.5000	2.6407	.141	5.63	1.5996	.003	1
S4	5.0000	5.1468	.147	2.94	3.1174	.007	1
S5	10.000	9.6540	-.346	-3.46	5.8476	.011	1









Ti 336.121 {100}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000713

Re-Slope: 1.000000

A1 (Gain): 0.422002

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999834

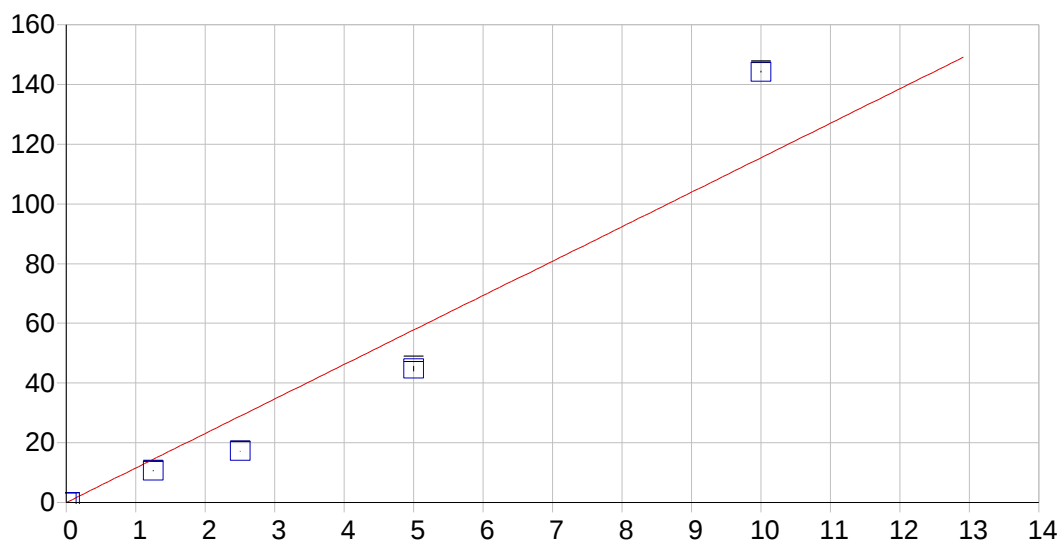
Status: OK.

Std Error of Est: 0.000409

Predicted MDL: 0.000535

Predicted MQL: 0.001784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00071	.000	1
S1	.10000	.10427	.004	4.27	.04470	.000	1
S2	1.2500	1.2660	.016	1.28	.53480	.001	1
S3	2.5000	2.5538	.054	2.15	1.0780	.006	1
S4	5.0000	5.0959	.096	1.92	2.1505	.005	1
S5	10.000	9.8300	-.170	-1.70	4.1476	.010	1



Li 670.784 { 50}

Date of Fit: 8/9/2017 13:11:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003955

Re-Slope: 1.000000

A1 (Gain): 11.545808

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.964706

Status: OK.

Std Error of Est: 0.118275

Predicted MDL: 0.000053

Predicted MQL: 0.000178

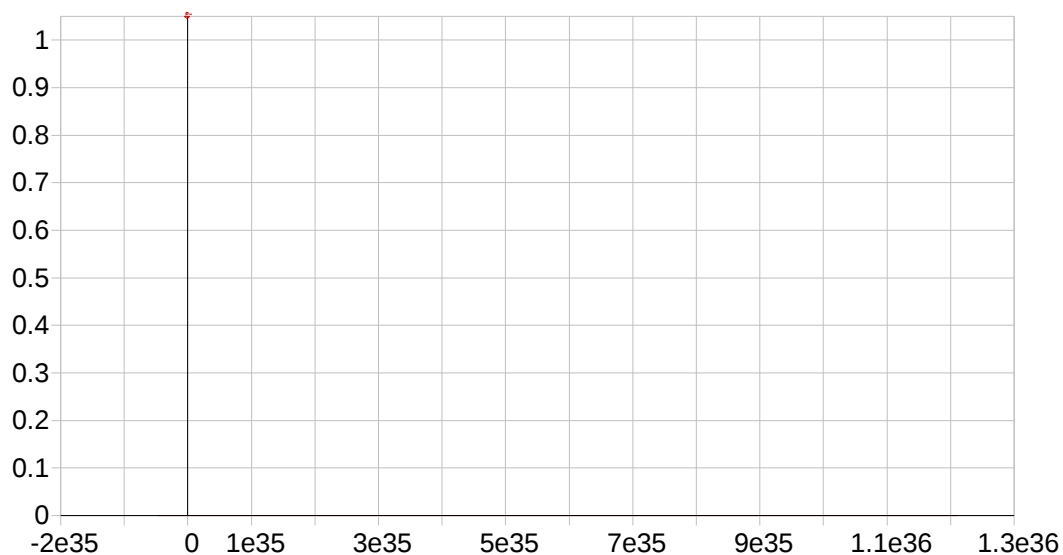
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00482	.000	1
S5	10.000	12.495	2.49	24.9	144.26	.247	1
S4	5.0000	3.8847	-1.12	-22.3	44.855	.890	1
S3	2.5000	1.4921	-1.01	-40.3	17.232	.108	1
S2	1.2500	.92151	-.328	-26.3	10.644	.137	1
S1	.05000	.00710	-.043	-85.8	.08598	.001	1



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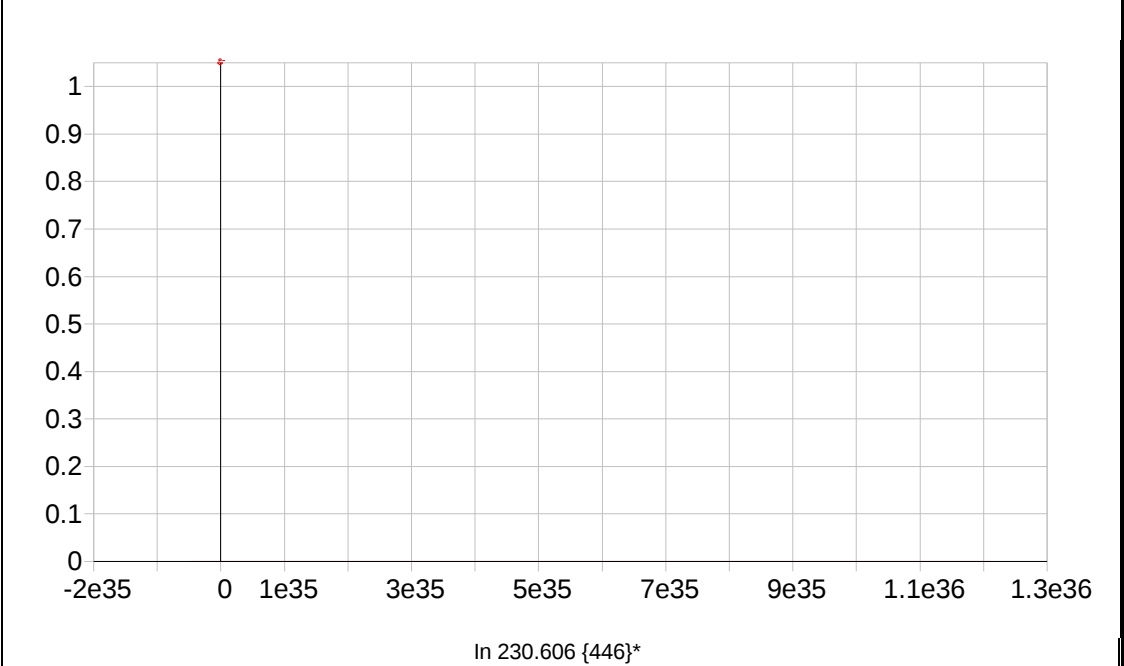
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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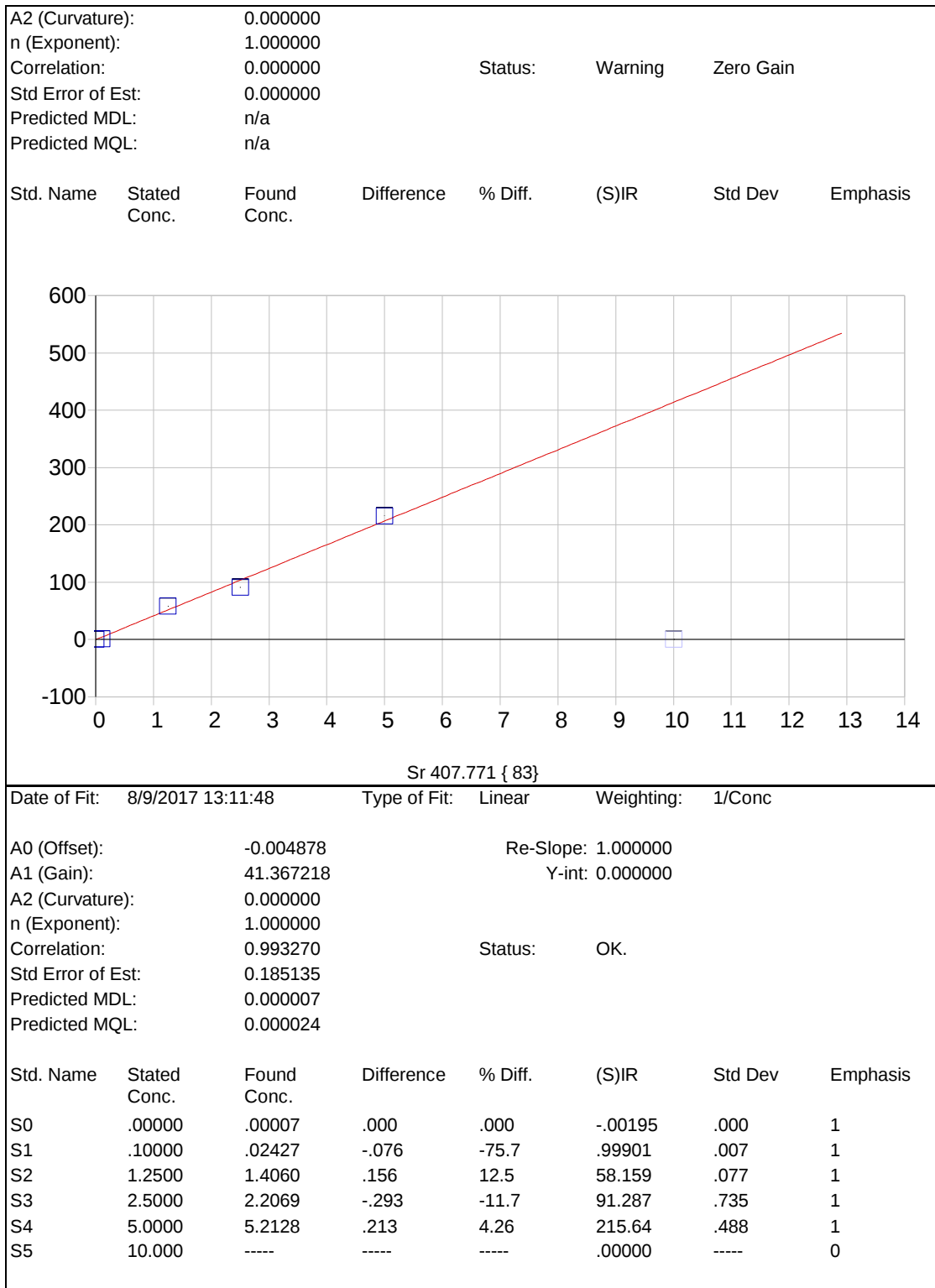


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 8/9/2017 10:40:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	-.00035	-.00017	.00000	.00028	-.00050	.00033	-.03913	-.00074
Stddev	.00009	.00006	.0002	.00009	.00001	.00030	.00093	.00016
%RSD	25.374	38.066	4165.3	31.130	2.6867	92.005	2.3783	21.180

#1	-.00025	-.00024	-.00023	.00031	-.00051	.00001	-.03957	-.00081
#2	-.00037	-.00016	.00008	.00034	-.00049	.00061	-.03977	-.00085
#3	-.00042	-.00011	.00013	.00018	-.00049	.00036	-.03806	-.00056

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	-.00010	.00082	.00005	-.00019	.00089	.00004	-.00011	-.00008
Stddev	.00011	.00023	.00000	.00009	.00017	.00006	.00012	.00011
%RSD	119.53	27.487	8.5042	44.054	19.387	152.42	110.47	132.00

#1	-.00022	.00060	.00005	-.00010	.00109	.00009	-.00014	-.00021
#2	.00000	.00105	.00004	-.00026	.00078	-.00003	-.00020	-.00005
#3	-.00006	.00082	.00005	-.00023	.00080	.00006	.00002	.00000

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	-.00013	-.00026	-.00354	-.00012	-.00042	.00770	-.00080	.00129
Stddev	.00011	.00002	.00071	.00010	.00055	.00037	.00005	.00011
%RSD	83.019	8.6885	20.068	80.540	130.32	4.8337	5.9834	8.3246

#1	-.00007	-.00029	-.00402	-.00024	-.00105	.00730	-.00077	.00139
#2	-.00007	-.00025	-.00389	-.00009	-.00019	.00775	-.00085	.00129
#3	-.00026	-.00025	-.00273	-.00005	-.00002	.00804	-.00077	.00118

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	.00023	.00033	.02117	.00010	.00071	.00482	-.00195	
Stddev	.00010	.00005	.00040	.00008	.00011	.00025	.00021	
%RSD	44.416	14.343	1.8760	87.392	15.510	5.2093	10.955	

#1	.00017	.00035	.02079	.00018	.00064	.00474	-.00212	
#2	.00017	.00028	.02114	.00001	.00084	.00510	-.00171	
#3	.00035	.00036	.02158	.00011	.00065	.00462	-.00203	

Sample Name: S0 Acquired: 8/9/2017 10:40:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	1028.9	1823.1	46177.	11022.	3389.9
Stddev	11.2	15.2	387.	64.	14.2
%RSD	1.0918	.83415	.83769	.57630	.41904
#1	1023.8	1818.3	46138.	10969.	3382.1
#2	1041.8	1811.0	46582.	11006.	3381.3
#3	1021.2	1840.2	45811.	11093.	3406.3

Sample Name: S1 Acquired: 8/9/2017 10:44:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00031	.00166	.00188	.00236	.01220	.01552	.82671	.00900
Stddev	.00013	.00001	.00016	.00010	.00023	.00015	.00405	.00015
%RSD	43.569	.58783	8.6140	4.1595	1.8907	.96441	.48980	1.6319
#1	.00021	.00167	.00171	.00247	.01246	.01547	.82468	.00889
#2	.00046	.00166	.00190	.00232	.01206	.01569	.82408	.00895
#3	.00025	.00165	.00204	.00229	.01207	.01541	.83137	.00917
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	.00589	.20281	.00115	.03234	.00755	.00215	.00710	.03792
Stddev	.00003	.00227	.00003	.00013	.00017	.00014	.00017	.00018
%RSD	.48217	1.1197	2.6379	.40869	2.2577	6.5473	2.4346	.47826
#1	.00588	.20068	.00114	.03218	.00743	.00208	.00729	.03785
#2	.00592	.20520	.00113	.03242	.00774	.00231	.00706	.03813
#3	.00586	.20256	.00119	.03240	.00747	.00205	.00695	.03779
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	.01853	.00287	.03319	.00488	.02108	.13165	-.00026	.00377
Stddev	.00006	.00002	.00037	.00007	.00074	.00079	.00000	.00014
%RSD	.32679	.86756	1.1096	1.4234	3.5181	.59871	.17356	3.6095
#1	.01849	.00285	.03304	.00483	.02037	.13255	-.00026	.00371
#2	.01860	.00289	.03291	.00496	.02184	.13129	-.00026	.00369
#3	.01850	.00286	.03360	.00484	.02102	.13109	-.00026	.00393
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	.00739	.00206	.05382	.00058	.04470	.08598	.99901	
Stddev	.00031	.00004	.00077	.00011	.00039	.00061	.00713	
%RSD	4.1704	2.1396	1.4394	18.504	.87839	.70894	.71374	
#1	.00705	.00209	.05303	.00047	.04425	.08627	.99102	
#2	.00747	.00201	.05384	.00068	.04490	.08528	1.0013	
#3	.00765	.00208	.05458	.00060	.04496	.08640	1.0047	

Sample Name: S1 Acquired: 8/9/2017 10:44:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	1022.9	1838.4	45604.	11132.	3298.6
Stddev	11.5	20.6	298.	74.	17.9
%RSD	1.1208	1.1189	.65304	.66240	.54190
#1	1014.2	1818.1	45306.	11213.	3283.1
#2	1018.5	1837.7	45603.	11070.	3294.4
#3	1035.9	1859.3	45902.	11111.	3318.2

Sample Name: S2 Acquired: 8/9/2017 10:49:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.06096	.08691	1.0128	.06947	.25311	2.8738	11.750	.21159
Stddev	.00052	.00003	.0034	.00032	.00114	.0123	.090	.00240
%RSD	.85276	.03995	.33957	.46494	.45106	.42819	.76857	1.1354

#1	.06151	.08693	1.0157	.06913	.25328	2.8880	11.854	.21354
#2	.06091	.08693	1.0136	.06978	.25415	2.8675	11.693	.21232
#3	.06047	.08687	1.0090	.06949	.25189	2.8659	11.704	.20890

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	.69432	2.4705	.37775	.42460	.95244	.71690	1.5809	.46977
Stddev	.00344	.0239	.00085	.00126	.00592	.00302	.0087	.00110
%RSD	.49547	.96701	.22446	.29609	.62129	.42191	.54816	.23477

#1	.69726	2.4429	.37829	.42532	.95917	.71357	1.5710	.47017
#2	.69516	2.4825	.37819	.42533	.95012	.71763	1.5841	.47061
#3	.69054	2.4859	.37678	.42315	.94803	.71949	1.5874	.46852

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	.30010	.08796	.26698	.05845	1.3891	.93720	.25737	.28903
Stddev	.00154	.00047	.00151	.00058	.0266	.00917	.00116	.00262
%RSD	.51451	.53339	.56618	.98879	1.9168	.97880	.45038	.90478

#1	.30125	.08847	.26841	.05790	1.3706	.94763	.25861	.29100
#2	.30071	.08754	.26713	.05840	1.3770	.93358	.25719	.29003
#3	.29835	.08787	.26539	.05906	1.4196	.93039	.25631	.28607

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	.79160	.02366	.28043	.07875	.53480	10.644	58.159	
Stddev	.00208	.00022	.00286	.00021	.00060	.137	.077	
%RSD	.26325	.94795	1.0215	.26891	.11308	1.2899	.13297	

#1	.79141	.02358	.28221	.07875	.53457	10.801	58.093	
#2	.79377	.02391	.28195	.07896	.53549	10.581	58.244	
#3	.78961	.02348	.27713	.07854	.53434	10.549	58.140	

Sample Name: S2 Acquired: 8/9/2017 10:49:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	932.26	1705.1	42052.	10799.	2756.4
Stddev	8.44	6.4	163.	88.	11.7
%RSD	.90534	.37756	.38862	.81630	.42331
#1	930.84	1708.5	41999.	10728.	2759.8
#2	941.32	1697.7	42235.	10770.	2743.4
#3	924.62	1709.1	41922.	10898.	2766.0

Sample Name: S3 Acquired: 8/9/2017 10:53:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.12730	.17140	2.0394	.14546	.52635	5.9017	23.331	.40970
Stddev	.00042	.00122	.0073	.00061	.00197	.0131	.091	.00118
%RSD	.33286	.71086	.35922	.42078	.37336	.22161	.38980	.28768

#1	.12700	.17267	2.0405	.14595	.52673	5.8953	23.297	.40852
#2	.12779	.17131	2.0461	.14565	.52810	5.9167	23.433	.41088
#3	.12711	.17023	2.0316	.14477	.52422	5.8930	23.261	.40971

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	1.3990	4.9091	.73204	.85958	1.9380	1.4036	3.0912	.94697
Stddev	.0044	.0102	.00353	.00290	.0111	.0038	.0090	.00252
%RSD	.31349	.20747	.48232	.33780	.57284	.26887	.29003	.26660

#1	1.4039	4.9201	.72900	.86169	1.9387	1.4076	3.1011	.94811
#2	1.3976	4.9070	.73591	.86078	1.9487	1.4033	3.0887	.94873
#3	1.3955	4.9001	.73120	.85627	1.9266	1.4000	3.0837	.94408

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	.60344	.17882	.54367	.11350	2.9538	1.8770	.42812	.56422
Stddev	.00280	.00026	.00037	.00044	.0115	.0114	.00141	.00223
%RSD	.46402	.14772	.06893	.38420	.39021	.60739	.32955	.39555

#1	.60625	.17872	.54324	.11395	2.9585	1.8734	.42955	.56377
#2	.60341	.17912	.54389	.11347	2.9406	1.8898	.42809	.56664
#3	.60065	.17862	.54389	.11308	2.9621	1.8678	.42673	.56225

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	1.5996	.04554	.53230	.16178	1.0780	17.232	91.287	
Stddev	.0032	.00019	.00216	.00069	.0064	.108	.735	
%RSD	.19822	.41455	.40656	.42664	.59008	.62821	.80504	

#1	1.6016	.04572	.53261	.16242	1.0821	17.190	91.625	
#2	1.6012	.04554	.53430	.16188	1.0813	17.354	91.792	
#3	1.5959	.04535	.53000	.16105	1.0707	17.150	90.444	

Sample Name: S3 Acquired: 8/9/2017 10:53:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	866.73	1567.9	39934.	10613.	2462.9
Stddev	3.19	2.8	89.	49.	5.9
%RSD	.36840	.17671	.22241	.46066	.24054
#1	863.06	1568.0	39895.	10582.	2459.6
#2	868.24	1565.1	39872.	10588.	2459.3
#3	868.88	1570.6	40036.	10669.	2469.7

Sample Name: S4 Acquired: 8/9/2017 10:57:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.25889	.32710	4.0441	.28949	1.0707	12.235	45.347	.81129
Stddev	.00034	.00042	.0060	.00175	.0078	.040	.201	.00409
%RSD	.12982	.12790	.14908	.60282	.72996	.32506	.44389	.50438

#1	.25905	.32664	4.0507	.29041	1.0770	12.245	45.576	.81120
#2	.25911	.32746	4.0428	.29059	1.0732	12.269	45.198	.81543
#3	.25850	.32719	4.0389	.28748	1.0620	12.191	45.267	.80725

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	2.8103	9.8955	1.4002	1.7287	3.9725	2.7412	6.0380	1.8797
Stddev	.0016	.0189	.0069	.0034	.0221	.0044	.0143	.0012
%RSD	.05610	.19070	.49179	.19499	.55570	.16048	.23740	.06578

#1	2.8088	9.8992	1.3968	1.7312	3.9672	2.7460	6.0434	1.8811
#2	2.8101	9.8750	1.4082	1.7301	3.9968	2.7373	6.0217	1.8788
#3	2.8119	9.9122	1.3958	1.7249	3.9536	2.7404	6.0488	1.8791

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	1.1875	.37490	1.1049	.22136	6.0818	3.7990	1.1376	1.0880
Stddev	.0027	.00079	.0045	.00106	.0376	.0280	.0018	.0024
%RSD	.22636	.20971	.40707	.47852	.61881	.73646	.15892	.22538

#1	1.1887	.37571	1.1026	.22053	6.0979	3.8198	1.1386	1.0895
#2	1.1894	.37414	1.1101	.22255	6.0388	3.8101	1.1387	1.0892
#3	1.1844	.37485	1.1021	.22099	6.1087	3.7672	1.1356	1.0851

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	3.1174	.09812	1.0165	.32570	2.1505	44.855	215.64	
Stddev	.0071	.00011	.0019	.00034	.0046	.890	.49	
%RSD	.22735	.11218	.18373	.10410	.21249	1.9833	.22610	

#1	3.1202	.09824	1.0178	.32536	2.1466	45.254	215.92	
#2	3.1227	.09806	1.0174	.32603	2.1555	45.476	215.07	
#3	3.1094	.09805	1.0144	.32571	2.1493	43.836	215.92	

Sample Name: S4 Acquired: 8/9/2017 10:57:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	799.76	1465.5	37718.	10237.	2186.3
Stddev	5.03	7.5	180.	44.	9.6
%RSD	.62917	.50914	.47682	.43028	.43983
#1	794.17	1458.2	37512.	10194.	2176.0
#2	803.91	1465.1	37841.	10236.	2187.8
#3	801.21	1473.1	37802.	10282.	2195.0

Sample Name: S5 Acquired: 8/9/2017 11:01:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.52545	.61053	7.8116	.57237	2.1845	24.573	86.549	1.5914
Stddev	.00278	.00045	.0148	.00271	.0122	.068	.591	.0064
%RSD	.52951	.07450	.18905	.47282	.55817	.27501	.68301	.40047

#1	.52643	.61011	7.8001	.57272	2.1848	24.500	86.889	1.5846
#2	.52231	.61101	7.8282	.56951	2.1721	24.583	86.891	1.5926
#3	.52762	.61046	7.8064	.57488	2.1965	24.634	85.866	1.5972

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3854	19.297	2.5578	3.3577	8.1061	5.1822	11.510	3.5638
Stddev	.0208	.065	.0097	.0073	.0438	.0142	.045	.0094
%RSD	.38658	.33595	.37924	.21727	.54000	.27358	.39139	.26298

#1	5.3760	19.311	2.5530	3.3536	8.0561	5.1906	11.524	3.5612
#2	5.4092	19.353	2.5689	3.3661	8.1378	5.1902	11.547	3.5742
#3	5.3709	19.226	2.5514	3.3534	8.1244	5.1659	11.460	3.5561

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	2.2314	.79922	2.1948	.42054	12.192	7.6138	3.5959	2.0094
Stddev	.0064	.00629	.0128	.00144	.197	.0286	.0070	.0057
%RSD	.28712	.78712	.58459	.34238	1.6156	.37554	.19614	.28570

#1	2.2247	.79860	2.1820	.42208	12.307	7.5963	3.5935	2.0028
#2	2.2374	.80580	2.2077	.42032	12.305	7.6468	3.6038	2.0128
#3	2.2322	.79327	2.1949	.41923	11.965	7.5984	3.5903	2.0127

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.8476	.22291	1.9121	.62554	4.1476	144.26	^ *****	
Stddev	.0110	.00074	.0062	.00244	.0099	.25	-----	
%RSD	.18747	.33155	.32178	.39074	.23855	.17094	-----	

#1	5.8444	.22345	1.9156	.62304	4.1407	144.31	^ -----	
#2	5.8386	.22320	1.9156	.62792	4.1589	144.49	^ -----	
#3	5.8598	.22207	1.9049	.62567	4.1431	144.00	^ -----	

Sample Name: S5 Acquired: 8/9/2017 11:01:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	735.83	1330.5	36081.	9938.5	1879.9
Stddev	11.22	8.2	247.	5.2	6.9
%RSD	1.5253	.61289	.68517	.05184	.36967
#1	729.42	1331.1	36080.	9943.6	1885.0
#2	729.29	1338.4	35834.	9933.3	1882.7
#3	748.79	1322.1	36328.	9938.4	1872.0

Sample Name: S6 Acquired: 8/9/2017 11:05:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	65.162	31.823	13.725	5.5550	6.0250
Stddev	.591	.024	.016	.0096	.0130
%RSD	.90750	.07587	.11387	.17283	.21562

#1	65.485	31.796	13.717	5.5455	6.0339
#2	65.520	31.843	13.743	5.5647	6.0310
#3	64.479	31.831	13.716	5.5548	6.0101

Int. Std.	Y_3710
Units	Cts/S
Avg	9595.3
Stddev	52.0
%RSD	.54234

#1	9604.0
#2	9539.4
#3	9642.4

Sample Name: ICV Acquired: 8/9/2017 11:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.9636673	1.041219	1.020272	.9833274	.9460003	2.554114
Stddev	.0037600	.010523	.007310	.0052475	.0068521	.010307
%RSD	.3901798	1.010686	.7164587	.5336507	.7243186	.4035466

#1	.9642418	1.052945	1.026770	.9892833	.9537056	2.556957
#2	.9671071	1.038118	1.021689	.9793837	.9437039	2.562701
#3	.9596531	1.032595	1.012358	.9813154	.9405914	2.542684

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5095718	.4817918	.4694684	10.07087	.4994389	.4810230
Stddev	.0012310	.0014710	.0017937	.03425	.0027709	.0029750
%RSD	.2415675	.3053276	.3820663	.3400809	.5547919	.6184845

#1	.5097417	.4833723	.4697966	10.03262	.4989515	.4819414
#2	.5107090	.4815403	.4710753	10.09870	.4969441	.4834306
#3	.5082647	.4804627	.4675332	10.08128	.5024211	.4776971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4889229	5.508504	.5401425	6.153908	.4869247	.4527439
Stddev	.0007775	.019970	.0009865	.004125	.0021788	.0010010
%RSD	.1590193	.3625346	.1826332	.0670368	.4474626	.2210875

#1	.4898010	5.485603	.5407285	6.158468	.4865522	.4536463
#2	.4883221	5.517618	.5406954	6.152822	.4892658	.4516673
#3	.4886456	5.522291	.5390036	6.150434	.4849562	.4529182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.700154	.5051820	1.032264	9.368829	F -.005189	F 1.391164
Stddev	.042442	.0020669	.007027	.028631	.000207	.002438
%RSD	.4375358	.4091337	.6807064	.3056021	3.982902	.1752466

#1	9.679557	.5027974	1.026934	9.372025	-.005416	1.393659
#2	9.671942	.5062906	1.040226	9.338734	-.005140	1.388787
#3	9.748964	.5064581	1.029631	9.395728	-.005012	1.391045

Sample Name: ICV Acquired: 8/9/2017 11:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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 1.309919	-.006616	1.179541	F 1.126155	1.254452	.0007522
Stddev	.005741	.003866	.003309	.005035	.001795	.0000382
%RSD	.4382541	58.42539	.2805698	.4470844	.1431134	5.084218

#1	1.315100	-.010533	1.183356	1.130641	1.252941	.0007684
#2	1.310910	-.006513	1.177831	1.127115	1.256437	.0007796
#3	1.303748	-.002803	1.177437	1.120710	1.253979	.0007085

Elem	Sr4077
Units	ppm
Avg	.0028013
Stddev	.0000140
%RSD	.4988010

#1	.0028066
#2	.0028118
#3	.0027854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	968.8044	1742.347	43996.57	11040.09	3102.865
Stddev	5.2625	10.746	65.21	23.10	15.772
%RSD	.5431903	.6167390	.1482272	.2092655	.5082991

#1	967.0066	1731.132	43954.49	11020.80	3088.392
#2	964.6765	1743.354	43963.53	11033.79	3100.527
#3	974.7302	1752.553	44071.69	11065.69	3119.674

Sample Name: ICB Acquired: 8/9/2017 11:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.0016677	-.000484	-.000793	.0010999	-.000315	-.002585	-.000947
Stddev	.0025541	.000490	.001342	.0031532	.000879	.001536	.000077
%RSD	153.1486	101.1582	169.2209	286.6940	278.6494	59.42627	8.095026

#1	-.000353	-.000274	.000462	.0042509	-.001134	-.004105	-.000894
#2	.000818	-.000135	-.002208	.0011042	-.000425	-.002619	-.001034
#3	.004538	-.001045	-.000633	-.002056	.000613	-.001032	-.000912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000507	-.000016	-.003817	-.000414	.0002335	.0002047	-.000179
Stddev	.0000573	.000106	.004048	.000377	.0001136	.0003908	.003778
%RSD	113.0342	658.5709	106.0601	91.17955	48.62323	190.9325	2109.235

#1	.0001167	-.000024	-.008049	-.000841	.0001040	.0005862	-.003501
#2	.0000228	-.000118	.000017	-.000271	.0003161	.0002225	-.000966
#3	.0000127	.000094	-.003418	-.000129	.0002804	-.000195	.003930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001119	-.006583	-.000150	.0002045	.0202424	.0006684	-.001684
Stddev	.0005020	.011629	.000081	.0000608	.0389191	.0018934	.001645
%RSD	448.7298	176.6660	53.90666	29.74406	192.2649	283.2676	97.65778

#1	.0006500	-.019921	-.000199	.0002562	-.017224	.0016302	-.003566
#2	.0000293	.001428	-.000194	.0002197	.060467	.0018879	-.000521
#3	-.000344	-.001255	-.000057	.0001375	.017484	-.001513	-.000965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021369	-.000099	.0020939	.0003642	-.005279	-.101089	-.000592
Stddev	.005326	.000277	.0001484	.0001076	.001669	.001184	.001574
%RSD	24.92457	279.9429	7.085507	29.53949	31.61568	1.170764	265.7468

#1	-.015630	-.000389	.0022477	.0002476	-.007188	-.101382	.001214
#2	-.022326	.000163	.0020822	.0003855	-.004099	-.099786	-.001674
#3	-.026152	-.000071	.0019517	.0004596	-.004549	-.102098	-.001316

Sample Name: ICB Acquired: 8/9/2017 11:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.0002289	.0003678	.0000577
Stddev	.0001494	.0000328	.0000051
%RSD	65.23590	8.905591	8.821729

#1	.0003859	.0003836	.0000523
#2	.0000886	.0003301	.0000586
#3	.0002123	.0003897	.0000623

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.6270	1749.929	44878.06	11119.08	3316.289
Stddev	4.2806	6.236	42.34	41.82	17.945
%RSD	.4446754	.3563480	.0943527	.3760754	.5411201

#1	966.5300	1743.151	44841.07	11078.21	3299.971
#2	958.0491	1751.213	44924.25	11117.25	3313.388
#3	963.3020	1755.423	44868.87	11161.79	3335.508

Sample Name: ICSA Acquired: 8/9/2017 11:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	-.003046	-.014481	.0027557	-.015860	.0026428	232.2072
Stddev	.003411	.004159	.0014002	.003170	.0006552	.7339
%RSD	111.9609	28.72334	50.80879	19.98460	24.79191	.3160594

#1	-.001790	-.018799	.0022334	-.015177	.0019858	232.9959
#2	-.000442	-.010502	.0016918	-.019315	.0032962	231.5444
#3	-.006907	-.014141	.0043419	-.013088	.0026464	232.0811

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042220	.0011587	.0056804	242.6600	.0616565	-.000708
Stddev	.0001691	.0000925	.0001374	.9244	.0003704	.000217
%RSD	4.005806	7.979771	2.418126	.3809286	.6008067	30.70181

#1	.0043760	.0010648	.0058388	241.6579	.0612557	-.000830
#2	.0042491	.0011616	.0056079	243.4793	.0619863	-.000457
#3	.0040410	.0012496	.0055946	242.8428	.0617274	-.000836

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212138	100.2463	.0147225	259.6451	.0001153	.0009400
Stddev	.0004451	.1413	.0001032	.2711	.0004685	.0001403
%RSD	2.098167	.1409848	.7006552	.1044024	406.4595	14.93065

#1	.0211644	100.0935	.0146410	259.8731	-.000052	.0010712
#2	.0207955	100.2734	.0148384	259.3454	-.000246	.0009566
#3	.0216816	100.3722	.0146880	259.7170	.000645	.0007920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1817954	.0018293	.0048816	-.036465	-.016163	F -.286831
Stddev	.0347667	.0032512	.0045449	.023191	.000093	.001027
%RSD	19.12409	177.7272	93.10316	63.59686	.5743416	.3581758

#1	.2199964	.0045980	.0058440	-.049481	-.016260	-.286083
#2	.1733831	.0026406	.0088682	-.009690	-.016075	-.286409
#3	.1520067	-.001751	-.000067	-.050224	-.016152	-.288003

Sample Name: ICSA Acquired: 8/9/2017 11:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	-.001168	.0145828	-.105414	-.002609	.0003455	.0005720
Stddev	.000578	.0042397	.001807	.000352	.0006054	.0000097
%RSD	49.46834	29.07352	1.714418	13.49036	175.2072	1.700717

#1	-.000539	.0117192	-.107471	-.002529	.0009624	.0005649
#2	-.001675	.0194534	-.104081	-.002304	-.000248	.0005680
#3	-.001292	.0125759	-.104691	-.002994	.000322	.0005831

Elem	Sr4077
Units	ppm
Avg	.0219569
Stddev	.0000544
%RSD	.2478882

#1	.0219882
#2	.0218940
#3	.0219884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.9251	1570.846	39346.74	10420.29	2431.480
Stddev	6.6177	1.449	319.30	9.49	11.285
%RSD	.7642352	.0922725	.8114986	.0910266	.4641256

#1	873.0800	1571.371	39691.89	10409.45	2436.537
#2	860.0240	1571.960	39061.89	10427.06	2439.353
#3	864.6712	1569.207	39286.44	10424.36	2418.551

Sample Name: ICSAB Acquired: 8/9/2017 11:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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	.0958084	.0990443	.0501441	.0316216	.5608986	231.8847
Stddev	.0035628	.0016269	.0042268	.0032193	.0068312	1.0477
%RSD	3.718716	1.642594	8.429383	10.18066	1.217903	.4518215

#1	.0918763	.1007127	.0498539	.0335486	.5687006	232.1564
#2	.0988222	.0989578	.0460698	.0279051	.5559917	232.7698
#3	.0967265	.0974624	.0545086	.0334110	.5580035	230.7279

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901612	.4750687	.9775073	243.2684	.5205095	.4903387
Stddev	.0025283	.0035952	.0044741	.5198	.0027313	.0014083
%RSD	.5158136	.7567660	.4577092	.2136736	.5247355	.2872046

#1	.4906522	.4716873	.9725453	242.8260	.5173624	.4890571
#2	.4924081	.4788450	.9812339	243.8409	.5222624	.4918463
#3	.4874235	.4746739	.9787428	243.1384	.5219035	.4901127

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070716	100.0960	.5214244	258.5972	.9547099	.1899796
Stddev	.0013739	.2171	.0020744	.7800	.0019894	.0005515
%RSD	.2709494	.2169094	.3978430	.3016139	.2083804	.2902737

#1	.5085330	100.0690	.5192086	258.2630	.9529365	.1895553
#2	.5068757	100.3254	.5233204	259.4886	.9568612	.1897806
#3	.5058063	99.8937	.5217443	258.0400	.9543319	.1906029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2004811	.4846386	1.049248	-.064291	-.015007	F -.137817
Stddev	.1085383	.0024237	.006226	.047418	.000360	.001048
%RSD	54.13889	.5001048	.5933591	73.75454	2.395699	.7603516

#1	.2771290	.4818475	1.043426	-.025536	-.014592	-.136956
#2	.2480314	.4862121	1.048506	-.050173	-.015212	-.138984
#3	.0762830	.4858562	1.055811	-.117164	-.015217	-.137512

Sample Name: ICSAB Acquired: 8/9/2017 11:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) 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 .1377005	.0386773	.0259598	F .1327267	.1408271	.0063913
Stddev	.0008387	.0035631	.0019618	.0021898	.0010433	.0000544
%RSD	.6090430	9.212283	7.556889	1.649827	.7408376	.8514159
#1	.1386476	.0420234	.0243698	.1336823	.1418646	.0063836
#2	.1374018	.0390776	.0281521	.1342763	.1397780	.0064492
#3	.1370521	.0349310	.0253574	.1302215	.1408387	.0063411

Elem	Sr4077
Units	ppm
Avg	.0310880
Stddev	.0000768
%RSD	.2471620
#1	.0311763
#2	.0310505
#3	.0310370

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	862.3877	1565.602	39361.27	10541.59	2424.638
Stddev	2.8921	7.195	160.26	39.67	6.243
%RSD	.3353641	.4595447	.4071445	.3762828	.2574978
#1	860.3507	1557.399	39243.99	10520.78	2417.550
#2	865.6980	1570.841	39543.87	10516.65	2429.323
#3	861.1144	1568.567	39295.94	10587.33	2427.042

Sample Name: CCV003 Acquired: 8/9/2017 11:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906431	4.612966	23.86447	4.793808	4.820405	378.2896
Stddev	.036773	.019594	.06700	.041460	.035516	3.7649
%RSD	.7494879	.4247513	.2807350	.8648633	.7367934	.9952557

#1	4.875700	4.616014	23.85279	4.798241	4.809463	373.9845
#2	4.896420	4.630857	23.93654	4.750309	4.791647	380.9660
#3	4.947173	4.592027	23.80409	4.832872	4.860105	379.9184

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.293225	.4750806	2.453934	386.6696	14.20697	2.451199
Stddev	.104113	.0007217	.013214	.5066	.12427	.007862
%RSD	1.120310	.1519027	.5384737	.1310087	.8746846	.3207440

#1	9.189889	.4749494	2.454515	386.1946	14.20993	2.453852
#2	9.291687	.4758588	2.466847	386.6115	14.32974	2.457392
#3	9.398098	.4744335	2.440439	387.2027	14.08126	2.442354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76340	386.0878	14.11141	391.7010	2.334950	1.283627
Stddev	.04684	.3850	.00567	.5475	.003557	.013372
%RSD	.3172861	.0997216	.0401627	.1397872	.1523235	1.041769

#1	14.75300	385.6695	14.10834	391.2857	2.337594	1.277407
#2	14.81456	386.1667	14.10794	392.3215	2.336348	1.298977
#3	14.72262	386.4273	14.11795	391.4958	2.330906	1.274498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	381.4053	2.268377	15.75493	138.5370	F 6.204731	F 3.909497
Stddev	.9487	.005848	.21073	.6358	.015655	.015511
%RSD	.2487453	.2577937	1.337535	.4589508	.2523103	.3967489

#1	381.8356	2.263580	15.54040	138.5844	6.190009	3.919741
#2	382.0627	2.266661	15.96163	139.1477	6.203006	3.917099
#3	380.3177	2.274891	15.76276	137.8787	6.221177	3.891652

Sample Name: CCV003 Acquired: 8/9/2017 11:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.783087	5.133846	4.562708	4.830722	4.864272	5.953151
Stddev	.012106	.023442	.021920	.009276	.008715	.024234
%RSD	.2531000	.4566184	.4804196	.1920212	.1791665	.4070810

#1	4.777030	5.139460	4.572795	4.831956	4.858864	5.925382
#2	4.775204	5.153971	4.577769	4.839319	4.874326	5.970032
#3	4.797026	5.108106	4.537560	4.820891	4.859625	5.964037

Elem	Sr4077
Units	ppm
Avg	7.573856
Stddev	.010487
%RSD	.1384686

#1	7.571855
#2	7.564515
#3	7.585201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	747.4409	1360.613	35804.00	10058.25	1921.787
Stddev	9.9373	10.149	378.70	22.84	7.753
%RSD	1.329510	.7459452	1.057706	.2270316	.4034395

#1	756.1927	1364.642	36052.67	10070.57	1927.443
#2	736.6381	1368.129	35368.15	10031.90	1924.970
#3	749.4918	1349.067	35991.16	10072.29	1912.949

Sample Name: CCB003 Acquired: 8/9/2017 11:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	.0001980	-.000488	-.002468	-.000108	-.001888	-.001464
Stddev	.001406	.0004507	.000448	.002543	.001049	.001020	.000135
%RSD	1890.369	227.5944	91.63324	103.0214	972.3574	54.01316	9.235226

#1	.000746	.0006908	-.000080	-.003358	-.000036	-.002590	-.001342
#2	.000729	-.000193	-.000967	.000400	.000903	-.002356	-.001609
#3	-.001698	.000096	-.000418	-.004446	-.001190	-.000718	-.001442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000792	-.000042	-.002991	-.000426	.0001412	.0005998	.0009804
Stddev	.0000349	.000142	.009264	.000342	.0001685	.0007159	.0004038
%RSD	44.06896	338.6498	309.6754	80.26549	119.3216	119.3606	41.18351

#1	.0001137	.000078	.005560	-.000473	.0002820	.0002208	.0014173
#2	.0000439	-.000199	-.001701	-.000743	-.000046	.0001531	.0006210
#3	.0000801	-.000005	-.012833	-.000063	.000187	.0014255	.0009030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001394	-.005385	-.000359	.0002057	.0125605	.0004773	-.002658
Stddev	.0001237	.011311	.000198	.0000808	.0228618	.0015128	.001253
%RSD	88.70598	210.0629	55.17406	39.30500	182.0135	316.9698	47.15015

#1	.0001411	.000971	-.000131	.0001972	-.008605	.0014639	-.002818
#2	.0002622	.001319	-.000452	.0002904	.009480	.0012322	-.003824
#3	.0000149	-.018445	-.000493	.0001294	.036806	-.001264	-.001333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010902	.0001174	.0015407	.0004541	.0003054	-.100851	-.000436
Stddev	.002505	.0001751	.0010451	.0001288	.0033178	.000132	.002257
%RSD	22.97730	149.2016	67.82909	28.37209	1086.419	.1313668	517.9702

#1	-.010962	-.000084	.0021853	.0003731	.0023924	-.101003	-.002454
#2	-.008367	.000231	.0021019	.0003865	.0020442	-.100789	.002002
#3	-.013376	.000205	.0003349	.0006027	-.003520	-.100761	-.000855

Sample Name: CCB003 Acquired: 8/9/2017 11:37:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001624	.0004854	.0000709
Stddev	.0003811	.0000300	.0000041
%RSD	234.7019	6.184674	5.822797

#1	.0000581	.0004510	.0000741
#2	-.000156	.0004988	.0000663
#3	.000585	.0005064	.0000724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.1138	1722.049	44127.35	10979.68	3271.695
Stddev	6.7260	17.361	97.04	4.82	21.823
%RSD	.7169734	1.008174	.2199034	.0438813	.6670272

#1	933.4400	1704.263	44111.42	10979.35	3252.035
#2	945.8225	1722.934	44231.36	10984.66	3267.874
#3	935.0789	1738.951	44039.26	10975.04	3295.177

Sample Name: I4452-01A Acquired: 8/9/2017 11:42:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337287	-.019373	.2421299	.0852727	.0068097	78.99248	.6383574
Stddev	.0018949	.002320	.0013794	.0036360	.0008308	.36910	.0037566
%RSD	5.618176	11.97469	.5696860	4.263956	12.20082	.4672600	.5884707

#1	.0325661	-.017041	.2405411	.0887133	.0077457	79.23144	.6414381
#2	.0359153	-.021680	.2430217	.0814686	.0061596	78.56737	.6341725
#3	.0327046	-.019398	.2428268	.0856363	.0065236	79.17863	.6394616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063805	.0166274	27.46348	.0799274	.0785592	.1344189	161.4264
Stddev	.0002576	.0001394	.16161	.0010967	.0004879	.0005353	.7735
%RSD	4.036557	.8381034	.5884373	1.372088	.6210983	.3982623	.4791682

#1	.0065041	.0164695	27.48023	.0809834	.0781802	.1349949	161.7346
#2	.0065529	.0166797	27.29415	.0800046	.0783877	.1339366	160.5463
#3	.0060844	.0167330	27.61605	.0787941	.0791098	.1343252	161.9983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.127651	47.16646	.1380386	.0013198	122.2247	.0989496	.3152990
Stddev	.011016	.21879	.0002947	.0003656	.7555	.0012722	.0048490
%RSD	.5177482	.4638693	.2135043	27.70277	.6181480	1.285700	1.537914

#1	2.129322	47.37733	.1382066	.0009634	122.7142	.0989253	.3208277
#2	2.115896	46.94052	.1376983	.0013021	121.3546	.0976898	.3117675
#3	2.137736	47.18152	.1382109	.0016940	122.6054	.1002338	.3133019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.936902	.3308721	-.426328	-.001350	.1897532	11.34759	.0081684
Stddev	.005959	.0013513	.004377	.000291	.0114458	.07869	.0006983
%RSD	.0750811	.4084052	1.026781	21.54093	6.031963	.6934257	8.548757

#1	7.935306	.3303748	-.430327	-.001042	.1765375	11.43616	.0073644
#2	7.931903	.3324016	-.427006	-.001620	.1964909	11.28573	.0086236
#3	7.943496	.3298399	-.421651	-.001386	.1962312	11.32089	.0085171

Sample Name: I4452-01A Acquired: 8/9/2017 11:42:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.018941	.0165484	.0215778
Stddev	.012771	.0001451	.0001330
%RSD	1.253357	.8770541	.6163864

#1	1.031090	.0167021	.0216899
#2	1.005628	.0164137	.0214309
#3	1.020106	.0165294	.0216127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	936.2157	1672.226	43677.63	11671.95	2538.936
Stddev	5.6508	3.203	109.06	57.32	1.499
%RSD	.6035842	.1915165	.2496862	.4910997	.0590380

#1	933.8764	1669.397	43647.94	11616.90	2537.375
#2	942.6606	1671.577	43798.45	11731.30	2540.365
#3	932.1101	1675.703	43586.49	11667.65	2539.068

Sample Name: I4520-05A Acquired: 8/9/2017 11:46:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087298	.0485479	.1829409	-.009163	.0054065	21.08359	.2671901
Stddev	.0022730	.0019734	.0026239	.002560	.0003975	.19251	.0030827
%RSD	2.090478	4.064859	1.434311	27.94128	7.351564	.9130899	1.153739

#1	.1094172	.0463618	.1822715	-.009752	.0049551	21.22552	.2698157
#2	.1105797	.0490844	.1858347	-.006360	.0055604	21.16079	.2679588
#3	.1061924	.0501977	.1807165	-.011377	.0057040	20.86446	.2637958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035553	.0135069	364.8690	.0410709	.0270280	.2917362	97.30963
Stddev	.0001462	.0003072	1.1749	.0007306	.0002966	.0034141	.41127
%RSD	4.113096	2.274207	.3220116	1.778941	1.097422	1.170281	.4226402

#1	.0035969	.0135039	364.5814	.0415921	.0273211	.2933101	97.50938
#2	.0036762	.0138156	366.1610	.0402358	.0267280	.2940795	97.58287
#3	.0033928	.0132012	363.8645	.0413847	.0270348	.2878190	96.83663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.221205	29.40175	.0671585	.0013301	5.456612	.0547853	.6371279
Stddev	.002029	.24159	.0008348	.0001591	.045542	.0026372	.0043198
%RSD	.1661829	.8216864	1.243071	11.96038	.8346197	4.813599	.6780094

#1	1.222538	29.53402	.0681161	.0015105	5.491196	.0573393	.6322812
#2	1.222207	29.54832	.0667762	.0012701	5.473627	.0549445	.6385302
#3	1.218869	29.12290	.0665833	.0012098	5.405012	.0520722	.6405723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.056774	.4525966	-.244461	.0102855	7.822737	1.244371	.0062093
Stddev	.053094	.0016113	.001387	.0002042	.034454	.017627	.0019890
%RSD	1.736916	.3560024	.5673739	1.984887	.4404343	1.416517	32.03220

#1	3.106407	.4507869	-.244963	.0100706	7.826234	1.264514	.0064218
#2	3.063124	.4531275	-.245526	.0104768	7.786668	1.236825	.0080836
#3	3.000791	.4538754	-.242892	.0103091	7.855310	1.231773	.0041227

Sample Name: I4520-05A Acquired: 8/9/2017 11:46:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBC8B0A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.404387	.0077181	.1008936
Stddev	.011911	.0000955	.0011175
%RSD	.8481289	1.237428	1.107626

#1	1.415233	.0077789	.1017540
#2	1.406288	.0077675	.1012963
#3	1.391640	.0076080	.0996305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.8666	1686.614	44039.53	11737.69	2453.557
Stddev	5.4874	7.068	51.60	129.80	7.818
%RSD	.5907650	.4190491	.1171750	1.105821	.3186329

#1	923.5007	1687.018	43987.58	11641.61	2452.795
#2	928.6312	1679.353	44040.24	11686.10	2446.148
#3	934.4680	1693.471	44090.78	11885.35	2461.728

Sample Name: I4413-06DLX20 Acquired: 8/9/2017 11:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016696	-.001155	21.57955	-.003106	.0403504	.0066282	.0539541
Stddev	.0028434	.001826	.70097	.001944	.0013901	.0032678	.0000728
%RSD	170.3008	158.0786	3.248315	62.58633	3.445024	49.30214	.1349224

#1	.0049180	.000163	20.77052	-.001092	.0389147	.0064794	.0539309
#2	.0004587	-.000389	21.96254	-.004972	.0416899	.0034373	.0538957
#3	-.000368	-.003240	22.00559	-.003254	.0404465	.0099679	.0540357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000527	.0001796	4.303834	-.000331	.0018334	.1091706	.0220438
Stddev	.0000205	.0001184	.023133	.000325	.0000960	.0009236	.0017447
%RSD	38.81784	65.88546	.5374989	98.21608	5.237526	.8460026	7.914825

#1	.0000291	.0002920	4.291920	-.000705	.0018240	.1102368	.0233246
#2	.0000653	.0000561	4.289086	-.000160	.0017425	.1086598	.0227501
#3	.0000637	.0001907	4.330495	-.000127	.0019338	.1086153	.0200566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1856058	.2386525	.0031242	.0004217	66.63591	.0013557	.0678551
Stddev	.0010956	.0085376	.0003830	.0001398	.25262	.0018103	.0017686
%RSD	.5902840	3.577422	12.25878	33.15402	.3790986	133.5333	2.606449

#1	.1851862	.2403086	.0027811	.0005829	66.81475	.0007818	.0686457
#2	.1847820	.2294082	.0035374	.0003352	66.74606	-.000098	.0658291
#3	.1868492	.2462407	.0030542	.0003468	66.34692	.003383	.0690905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1253363	-.000753	-.000013	.0000573	.0299171	.0489106	.0006727
Stddev	.0243203	.000095	.000320	.0003687	.0008999	.0010480	.0004455
%RSD	19.40404	12.56872	2474.054	643.4431	3.007914	2.142711	66.23516

#1	.1437956	-.000860	-.000261	-.000056	.0291056	.0500432	.0005713
#2	.0977786	-.000681	.000348	-.000241	.0297607	.0487137	.0002866
#3	.1344349	-.000718	-.000126	.000469	.0308849	.0479751	.0011602

Sample Name: I4413-06DLX20 Acquired: 8/9/2017 11:50:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002722	.0002290	.0043503
Stddev	.0003616	.0000506	.0000164
%RSD	132.8279	22.08577	.3764696

#1	.0004940	.0001765	.0043614
#2	.0004677	.0002774	.0043579
#3	-.000145	.0002332	.0043315

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.0998	1703.282	42238.06	10945.18	2988.862
Stddev	10.5164	42.955	352.09	41.69	78.989
%RSD	1.145449	2.521891	.8335740	.3808974	2.642787

#1	912.4950	1751.830	42380.49	10905.96	3079.267
#2	930.2314	1687.810	42496.61	10940.62	2954.125
#3	911.5731	1670.206	41837.07	10988.96	2933.194

Sample Name: I4413-08DLX20 Acquired: 8/9/2017 11:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031699	.0007062	F 52.95978	-.005228	.0409465	.0078636
Stddev	.0013425	.0003217	.37446	.003450	.0021849	.0040088
%RSD	42.34965	45.55190	.7070598	65.99465	5.336065	50.97899

#1	.0016371	.0006438	52.96803	-.002310	.0393583	.0110855
#2	.0041362	.0004203	53.33005	-.009036	.0400429	.0091309
#3	.0037365	.0010546	52.58127	-.004338	.0434383	.0033743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622201	.0001313	.0005391	4.077935	-.000908	.0029012
Stddev	.0004981	.0001014	.0000183	.006887	.000304	.0003152
%RSD	.8005833	77.22584	3.404572	.1688741	33.51197	10.86586

#1	.0627581	.0002216	.0005587	4.079284	-.000978	.0032523
#2	.0621275	.0001506	.0005223	4.070474	-.000574	.0028087
#3	.0617749	.0000216	.0005363	4.084047	-.001171	.0026426

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761173	.2294393	.2630085	.1482233	.0045322	.0002566
Stddev	.0005375	.0030824	.0012316	.0136885	.0007616	.0001360
%RSD	.7060958	1.343427	.4682751	9.235048	16.80327	52.98559

#1	.0764593	.2328186	.2642808	.1636133	.0040241	.0003371
#2	.0754979	.2267820	.2618221	.1436487	.0054078	.0003332
#3	.0763948	.2287173	.2629227	.1374080	.0041646	.0000996

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.58365	.0013188	.1274583	.1954097	-.000541	-.001391
Stddev	.14475	.0007912	.0044683	.0125863	.000124	.000400
%RSD	.2173992	59.99349	3.505719	6.440970	23.00456	28.76418

#1	66.69867	.0006875	.1278241	.1905846	-.000464	-.001801
#2	66.42111	.0022064	.1317325	.1859499	-.000474	-.001002
#3	66.63117	.0010625	.1228183	.2096946	-.000684	-.001368

Sample Name: I4413-08DLX20 Acquired: 8/9/2017 11:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0461738	.0501706	-.001606	.0006427	.0001478
Stddev	.000116	.0033306	.0006381	.001393	.0005462	.0000366
%RSD	141.8675	7.213154	1.271897	86.71149	84.97163	24.75160

#1	-.000120	.0430018	.0508770	-.000867	.0006101	.0001058
#2	.000048	.0496431	.0499991	-.003213	.0001136	.0001725
#3	-.000174	.0458766	.0496358	-.000739	.0012045	.0001652

Elem	Sr4077
Units	ppm
Avg	.0043844
Stddev	.0000113
%RSD	.2579871

#1	.0043947
#2	.0043860
#3	.0043723

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.6722	1649.263	42453.00	10971.21	2914.835
Stddev	7.8965	13.697	100.79	21.90	10.713
%RSD	.8549009	.8305069	.2374067	.1995842	.3675291

#1	914.8303	1665.078	42337.53	10975.52	2924.974
#2	930.0220	1641.495	42498.24	10990.63	2903.628
#3	926.1643	1641.215	42523.25	10947.48	2915.902

Sample Name: I4409-11DL2X20 Acquired: 8/9/2017 11:58:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249556	-.001670	37.70085	-.005428	.7307622	2.561314	.0268893
Stddev	.0029342	.000966	.00541	.000540	.0031995	.003605	.0003292
%RSD	11.75782	57.82065	.0143409	9.953900	.4378274	.1407481	1.224375

#1	.0247850	-.002132	37.70659	-.005622	.7322785	2.562136	.0265111
#2	.0221104	-.000560	37.70010	-.005845	.7329216	2.564437	.0271116
#3	.0279714	-.002318	37.69586	-.004818	.7270865	2.557369	.0270452

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001379	.0007996	2.159595	.0036737	.0037241	.2483820	10.28610
Stddev	.0000251	.0000292	.026876	.0002191	.0000434	.0025891	.07866
%RSD	18.18588	3.657578	1.244503	5.963591	1.165691	1.042397	.7646762

#1	.0001384	.0008250	2.129803	.0036911	.0037674	.2511695	10.19719
#2	.0001628	.0008063	2.182018	.0034464	.0036806	.2479242	10.34660
#3	.0001126	.0007676	2.166966	.0038835	.0037244	.2460523	10.31452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2077942	1.682381	.0090914	.0015598	.1062179	.0079283	.0646588
Stddev	.0017518	.007176	.0005140	.0002018	.0216135	.0010379	.0043910
%RSD	.8430585	.4265548	5.654037	12.93556	20.34825	13.09101	6.790969

#1	.2057725	1.690262	.0086369	.0014761	.1171200	.0086381	.0697152
#2	.2087462	1.680660	.0089880	.0014133	.1202092	.0084097	.0624557
#3	.2088639	1.676222	.0096492	.0017899	.0813246	.0067371	.0618056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2924354	.0317730	-.032183	-.000141	.0859672	.4442027	.0205479
Stddev	.0262441	.0004146	.001103	.000319	.0034901	.0006923	.0002302
%RSD	8.974316	1.305014	3.426455	225.8619	4.059797	.1558572	1.120206

#1	.2724842	.0313292	-.032338	.000091	.0898837	.4445729	.0207013
#2	.2826571	.0318391	-.031011	-.000505	.0848317	.4446313	.0202832
#3	.3221648	.0321506	-.033200	-.000010	.0831863	.4434040	.0206591

Sample Name: I4409-11DL2X20 Acquired: 8/9/2017 11:58:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0779417	.0004387	.0026224
Stddev	.0006752	.0000086	.0000018
%RSD	.8663075	1.967446	.0701638

#1	.0775656	.0004456	.0026218
#2	.0775382	.0004290	.0026245
#3	.0787212	.0004415	.0026210

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	935.5835	1694.626	44112.80	11091.65	3161.946
Stddev	9.6347	16.531	286.23	18.64	15.073
%RSD	1.029812	.9755042	.6488602	.1680262	.4766925

#1	929.9601	1682.014	43852.36	11070.24	3151.222
#2	930.0820	1688.523	44066.78	11104.24	3155.436
#3	946.7086	1713.341	44419.25	11100.46	3179.180

Sample Name: I4409-15DL2X20 Acquired: 8/9/2017 12:02:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176302	.0001324	32.77698	-.005226	.2458091	2.895816	.0332682
Stddev	.0024785	.0001794	.11248	.002212	.0003024	.002312	.0004677
%RSD	14.05852	135.4860	.3431715	42.31660	.1230164	.0798278	1.405773

#1	.0171489	.0002806	32.87058	-.004020	.2460795	2.898460	.0328347
#2	.0154276	-.000067	32.80815	-.007779	.2454826	2.894180	.0337639
#3	.0203141	.000184	32.65220	-.003880	.2458654	2.894807	.0332060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002538	.0010152	2.681903	.0043589	.0039754	.3088086	11.08063
Stddev	.0000487	.0000579	.008498	.0002330	.0000779	.0019838	.06457
%RSD	19.20581	5.706158	.3168547	5.345981	1.959811	.6424113	.5827409

#1	.0003099	.0009942	2.679322	.0045179	.0038935	.3083756	11.09294
#2	.0002224	.0010806	2.691391	.0044674	.0040486	.3070770	11.13816
#3	.0002290	.0009706	2.674994	.0040914	.0039841	.3109731	11.01079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2253514	1.801264	.0102523	.0014361	.0257360	.0089665	.0813197
Stddev	.0019139	.024875	.0001867	.0000772	.0364591	.0008072	.0042578
%RSD	.8493069	1.380963	1.820729	5.374982	141.6661	9.002880	5.235890

#1	.2242443	1.783090	.0104177	.0014623	-.005993	.0095813	.0846623
#2	.2275614	1.791090	.0100499	.0013492	.065563	.0080523	.0827707
#3	.2242485	1.829614	.0102892	.0014967	.017637	.0092657	.0765260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3820703	.0347360	-.034534	-.000114	.1069875	.5135287	.0652901
Stddev	.0084696	.0001028	.000901	.000327	.0052764	.0015807	.0016943
%RSD	2.216770	.2960039	2.610167	286.3469	4.931784	.3078173	2.595047

#1	.3916226	.0346199	-.034056	-.000426	.1098671	.5132554	.0671479
#2	.3754777	.0347730	-.035573	-.000144	.1008978	.5152282	.0648923
#3	.3791106	.0348153	-.033971	.000227	.1101976	.5121024	.0638300

Sample Name: I4409-15DL2X20 Acquired: 8/9/2017 12:02:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0903097	.0004403	.0028193
Stddev	.0002245	.0000373	.0000099
%RSD	.2486130	8.468906	.3505877

#1	.0901591	.0004142	.0028090
#2	.0905678	.0004237	.0028286
#3	.0902022	.0004830	.0028203

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	960.5883	1742.310	45024.09	11128.39	3219.855
Stddev	8.9667	8.582	238.89	18.71	10.814
%RSD	.9334639	.4925695	.5305843	.1681591	.3358402

#1	956.6800	1736.894	44926.05	11106.81	3207.681
#2	954.2390	1752.205	44849.81	11138.26	3228.345
#3	970.8458	1737.831	45296.40	11140.10	3223.538

Sample Name: I4520-04DLX10 Acquired: 8/9/2017 12:06:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036777	-.001662	.0594134	.0013608	.0008770	2.526252	.0422975
Stddev	.0001443	.000393	.0015796	.0018224	.0008357	.003115	.0004157
%RSD	3.922446	23.61197	2.658698	133.9190	95.29193	.1233071	.9827306

#1	.0037853	-.001869	.0583831	.0033963	.0018072	2.529118	.0419140
#2	.0035138	-.001909	.0612320	.0008053	.0006344	2.526700	.0427392
#3	.0037341	-.001210	.0586251	-.000119	.0001894	2.522936	.0422392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003808	.0013819	100.0959	.0075808	.0009195	.1166486	8.309235
Stddev	.0000393	.0001354	.6106	.0007115	.0001933	.0014085	.007765
%RSD	10.31768	9.795792	.6100592	9.385914	21.02226	1.207498	.0934508

#1	.0003644	.0013418	99.4654	.0076324	.0009421	.1180848	8.305658
#2	.0003524	.0012711	100.6845	.0082651	.0011005	.1152695	8.318144
#3	.0004257	.0015328	100.1378	.0068449	.0007159	.1165916	8.303903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2453547	6.275066	.0093315	.0005631	.0681450	.0070192	.5332249
Stddev	.0011291	.013978	.0000566	.0002477	.0522022	.0001670	.0028538
%RSD	.4601953	.2227506	.6064778	43.98005	76.60455	2.379595	.5351949

#1	.2443653	6.285561	.0093221	.0005853	.1283654	.0071975	.5329425
#2	.2465847	6.259199	.0092802	.0007989	.0357561	.0069939	.5362094
#3	.2451140	6.280437	.0093922	.0003051	.0403135	.0068663	.5305228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3793500	.1160085	-.023282	.0004188	1.015679	.0816263	-.003861
Stddev	.0131706	.0013594	.001089	.0001679	.002128	.0041467	.001606
%RSD	3.471873	1.171799	4.678282	40.08915	.2095591	5.080065	41.59580

#1	.3672408	.1175632	-.024208	.0002252	1.014294	.0844092	-.004766
#2	.3774367	.1150438	-.022082	.0005248	1.018130	.0768604	-.002007
#3	.3933726	.1154185	-.023557	.0005064	1.014614	.0836091	-.004809

Sample Name: I4520-04DLX10 Acquired: 8/9/2017 12:06:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBC8B9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1155198	.0010540	.0331239
Stddev	.0007764	.0000503	.0000567
%RSD	.6720841	4.775977	.1713083

#1	.1153794	.0011004	.0331592
#2	.1148232	.0010613	.0331540
#3	.1163568	.0010005	.0330584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.4957	1645.874	42659.00	10961.03	2892.066
Stddev	12.5790	3.857	308.63	12.95	1.567
%RSD	1.369518	.2343736	.7234853	.1181294	.0541830

#1	910.8600	1650.020	42417.93	10948.76	2890.865
#2	911.6130	1645.211	42552.24	10959.77	2893.838
#3	933.0142	1642.391	43006.84	10974.57	2891.493

Sample Name: I4406-03A Acquired: 8/9/2017 12:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2730017	-.034587	.8735859	.0546359	.0127392	71.40565	.8235886
Stddev	.0068328	.001359	.0030271	.0018183	.0018061	.19211	.0009177
%RSD	2.502845	3.929677	.3465148	3.328071	14.17780	.2690390	.1114335

#1	.2760291	-.033872	.8760708	.0553761	.0128068	71.55544	.8231159
#2	.2777977	-.036154	.8744723	.0559674	.0109003	71.47245	.8246463
#3	.2651782	-.033735	.8702145	.0525642	.0145107	71.18905	.8230035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042085	.0363231	56.05628	.1066884	.1349152	.7743781	306.7476
Stddev	.0002845	.0004529	.25683	.0013909	.0009174	.0023167	.6571
%RSD	6.760064	1.246768	.4581648	1.303744	.6799893	.2991668	.2142072

#1	.0039739	.0366548	55.81454	.1081416	.1359735	.7770448	306.2530
#2	.0041266	.0365073	56.02838	.1053694	.1344259	.7728610	306.4967
#3	.0045249	.0358072	56.32592	.1065544	.1343461	.7732287	307.4932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.698555	44.65206	.2828215	.0030013	2.562828	.1825722	1.296007
Stddev	.018124	.11053	.0014262	.0002360	.016504	.0033307	.023712
%RSD	.3180406	.2475305	.5042846	7.864536	.6439903	1.824332	1.829634

#1	5.680366	44.69056	.2826294	.0029020	2.566791	.1787262	1.301411
#2	5.698687	44.52743	.2843341	.0032708	2.544703	.1844921	1.316550
#3	5.716612	44.73818	.2815011	.0028311	2.576990	.1844984	1.270059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06787	1.123892	-.852303	.0020821	4.593742	20.48590	.0157303
Stddev	.05148	.004545	.002232	.0003642	.024403	.13547	.0010773
%RSD	.4651002	.4043561	.2618519	17.49086	.5312191	.6613044	6.848790

#1	11.12547	1.127372	-.852146	.0019872	4.611343	20.46345	.0164878
#2	11.05177	1.125554	-.850155	.0017748	4.603999	20.36305	.0144970
#3	11.02636	1.118751	-.854610	.0024843	4.565885	20.63119	.0162061

Sample Name: I4406-03A Acquired: 8/9/2017 12:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.859677	.0099689	.0594996
Stddev	.004752	.0000992	.0000116
%RSD	.2555188	.9951631	.0195343

#1	1.854503	.0099940	.0595085
#2	1.860683	.0100532	.0594864
#3	1.863846	.0098596	.0595038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.5162	1626.605	43299.42	11435.08	2542.210
Stddev	14.7170	22.531	442.71	46.57	25.775
%RSD	1.665732	1.385165	1.022441	.4072425	1.013895

#1	875.5387	1604.949	42900.76	11382.40	2517.825
#2	874.5104	1624.947	43221.63	11452.08	2539.624
#3	900.4996	1649.920	43775.87	11470.76	2569.181

Sample Name: I4409-03A Acquired: 8/9/2017 12:27:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2526293	-.027753	.7560442	.0672362	.0120629	99.52487	1.388533
Stddev	.0055494	.001974	.0053522	.0068156	.0013377	.28240	.002893
%RSD	2.196661	7.111300	.7079221	10.13674	11.08967	.2837437	.2083222

#1	.2512020	-.027491	.7568157	.0692637	.0107347	99.77592	1.391738
#2	.2479330	-.029844	.7503482	.0596370	.0120441	99.57955	1.386116
#3	.2587530	-.025923	.7609689	.0728079	.0134099	99.21913	1.387744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040904	.0323209	91.10235	.1619432	.1304993	.4832510	284.3516
Stddev	.0001240	.0003573	.71691	.0006284	.0009317	.0013696	1.0629
%RSD	3.032246	1.105645	.7869256	.3880108	.7139359	.2834161	.3738089

#1	.0041979	.0324961	90.28268	.1620164	.1315124	.4846425	283.2042
#2	.0041186	.0319098	91.41187	.1612815	.1296793	.4819044	285.3027
#3	.0039547	.0325569	91.61250	.1625318	.1303061	.4832061	284.5478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.383085	62.37336	.3066825	.0031360	3.816091	.2851189	.9031378
Stddev	.030102	.05460	.0008614	.0000276	.088883	.0023718	.0277565
%RSD	.5592019	.0875415	.2808683	.8791868	2.329156	.8318699	3.073339

#1	5.348369	62.42756	.3076750	.0031569	3.915087	.2828476	.8794152
#2	5.398947	62.31836	.3062419	.0031464	3.743140	.2849293	.8963351
#3	5.401940	62.37415	.3061305	.0031048	3.790046	.2875799	.9336633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.02338	1.382564	-.807856	.0041790	4.425170	18.61023	.0053850
Stddev	.05064	.007996	.002649	.0004051	.034933	.12074	.0008827
%RSD	.3888037	.5783698	.3278645	9.692674	.7894208	.6487909	16.39124

#1	13.07037	1.390797	-.807353	.0041914	4.461356	18.67317	.0053957
#2	13.03000	1.374827	-.810721	.0045778	4.391642	18.68650	.0062623
#3	12.96975	1.382068	-.805495	.0037679	4.422511	18.47103	.0044971

Sample Name: I4409-03A Acquired: 8/9/2017 12:27:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.073865	.0159717	.1008929
Stddev	.013960	.0001040	.0001419
%RSD	.3426606	.6512575	.1406152

#1	4.060854	.0160862	.1009852
#2	4.072129	.0159459	.1009639
#3	4.088611	.0158830	.1007295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.2716	1589.198	42712.30	11154.39	2472.392
Stddev	11.7414	14.525	251.34	57.73	17.221
%RSD	1.333842	.9139827	.5884387	.5175748	.6965476

#1	891.4904	1574.490	42964.16	11108.84	2452.750
#2	881.2550	1589.571	42711.26	11135.00	2479.528
#3	868.0694	1603.533	42461.49	11219.32	2484.899

Sample Name: I4404-01A Acquired: 8/9/2017 12:32:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054617	.0509944	.0066208	.0017303	-.000261	.2442252	.1558160
Stddev	.0038546	.0021154	.0011679	.0037874	.001694	.0059454	.0020634
%RSD	70.57566	4.148245	17.63900	218.8887	649.0245	2.434400	1.324241

#1	.0029998	.0525630	.0074247	.0059708	.000145	.2417021	.1535646
#2	.0034813	.0518315	.0071565	.0005361	-.002121	.2510161	.1562663
#3	.0099039	.0485885	.0052812	-.001316	.001193	.2399574	.1576170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001439	-.000122	91.23766	.0008523	-.001545	.0074981	.0257299
Stddev	.0000604	.000018	.52531	.0004795	.000119	.0002602	.0009927
%RSD	41.94256	14.37123	.5757582	56.25951	7.691025	3.469556	3.857951

#1	.0002102	-.000135	90.72005	.0012117	-.001408	.0073152	.0268481
#2	.0000921	-.000130	91.22258	.0010374	-.001620	.0073832	.0249527
#3	.0001294	-.000102	91.77034	.0003078	-.001608	.0077959	.0253889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008733	36.83269	.0003949	.0005568	23.84091	.0014684	.0244102
Stddev	.0001516	.47812	.0005065	.0002310	.22289	.0008354	.0015311
%RSD	17.36002	1.298075	128.2633	41.48057	.9348955	56.89017	6.272331

#1	.0007680	36.30047	-.000184	.0008198	23.64997	.0006512	.0253821
#2	.0010471	36.97169	.000758	.0003873	23.78693	.0023208	.0226452
#3	.0008049	37.22590	.000610	.0004632	24.08583	.0014331	.0252031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.214878	.0050421	.0409338	.0017087	12.75682	9.669731	-.003478
Stddev	.033821	.0002567	.0003612	.0002385	.01142	.118042	.001841
%RSD	2.783862	5.091735	.8824906	13.95851	.0895326	1.220736	52.93524

#1	1.176150	.0047561	.0408247	.0015458	12.76096	9.553915	-.001375
#2	1.238595	.0052527	.0406396	.0019825	12.76560	9.665397	-.004257
#3	1.229888	.0051173	.0413370	.0015979	12.74391	9.789880	-.004801

Sample Name: I4404-01A Acquired: 8/9/2017 12:32:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0HS4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000764	.0050002	.1422864
Stddev	.000461	.0001317	.0011896
%RSD	60.25813	2.633391	.8360648

#1	-.000982	.0048619	.1409604
#2	-.001076	.0050146	.1426390
#3	-.000235	.0051241	.1432599

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	879.5197	1625.194	41216.96	10908.36	2871.434
Stddev	4.4360	25.633	317.98	79.46	28.772
%RSD	.5043686	1.577247	.7714880	.7284143	1.001999

#1	874.6202	1654.249	40862.46	10999.86	2904.534
#2	880.6755	1615.558	41477.06	10868.42	2857.363
#3	883.2634	1605.776	41311.35	10856.79	2852.407

Sample Name: I4413-08DL2X40 Acquired: 8/9/2017 12:36:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001367	-.000472	25.84665	.0011102	.0200059	.0045213	.0301904
Stddev	.001450	.001861	.06639	.0008871	.0004626	.0008463	.0003346
%RSD	106.1351	393.8480	.2568455	79.90551	2.312172	18.71737	1.108285

#1	-.000563	-.000920	25.88726	.0004663	.0195245	.0040958	.0298176
#2	-.000495	-.002068	25.88265	.0021221	.0200464	.0054959	.0302887
#3	-.003041	.001571	25.77004	.0007422	.0204470	.0039722	.0304648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000982	.0001579	1.979665	-.000472	.0013610	.0386163	.1092073
Stddev	.0000184	.0000117	.034075	.000491	.0002338	.0002343	.0037020
%RSD	18.74749	7.410548	1.721239	104.1729	17.17635	.6067086	3.389904

#1	.0001170	.0001565	1.944620	-.000888	.0011324	.0386231	.1066018
#2	.0000975	.0001703	1.981697	-.000597	.0015996	.0383787	.1134450
#3	.0000802	.0001470	2.012678	.000070	.0013511	.0388471	.1075752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1291358	.0727215	.0017327	.0002783	33.25331	.0018173	.0646638
Stddev	.0019508	.0042474	.0004403	.0001523	.42081	.0010405	.0019965
%RSD	1.510650	5.840698	25.41226	54.72733	1.265453	57.25400	3.087464

#1	.1269889	.0767881	.0012337	.0001234	32.80767	.0026872	.0659212
#2	.1296190	.0683138	.0018979	.0004279	33.30842	.0006647	.0657085
#3	.1307996	.0730626	.0020666	.0002837	33.64384	.0020999	.0623617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600460	-.000031	-.003404	-.000020	.0197067	-.025167	-.001206
Stddev	.0102910	.000226	.000622	.000410	.0038326	.001351	.001898
%RSD	17.13843	738.9155	18.26167	2043.296	19.44797	5.368957	157.3705

#1	.0539057	-.000281	-.002690	-.000007	.0241076	-.026133	.000890
#2	.0543056	.000160	-.003827	.000383	.0171028	-.023623	-.001699
#3	.0719267	.000029	-.003694	-.000437	.0179098	-.025745	-.002808

Sample Name: I4413-08DL2X40 Acquired: 8/9/2017 12:36:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004532	.0000644	.0022105
Stddev	.0005329	.0000456	.0000197
%RSD	117.5781	70.73807	.8898570

#1	.0009835	.0000150	.0021888
#2	-.000082	.0001048	.0022156
#3	.000458	.0000735	.0022271

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	921.8353	1685.096	42964.11	10971.91	3049.412
Stddev	5.6845	6.123	253.79	78.78	9.858
%RSD	.6166473	.3633325	.5907026	.7179903	.3232917

#1	917.8000	1688.308	42864.64	11060.88	3048.570
#2	919.3696	1678.036	42775.12	10943.84	3040.001
#3	928.3363	1688.944	43252.56	10911.02	3059.664

Sample Name: I4413-02A Acquired: 8/9/2017 12:58:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003972	-.015705	1.679250	.0829976	.0542709	.6254772
Stddev	.007053	.002609	.004254	.0057631	.0013259	.0052700
%RSD	177.5895	16.61509	.2533156	6.943655	2.443057	.8425609

#1	-.011304	-.017036	1.677703	.0886726	.0527924	.6314040
#2	-.003375	-.012698	1.684061	.0831699	.0546658	.6213186
#3	.002764	-.017380	1.675986	.0771503	.0553544	.6237091

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.414555	.0001288	.0003295	103.6480	.0014595	.0058270
Stddev	.004286	.0000261	.0001580	.1831	.0008255	.0003639
%RSD	.1775080	20.29637	47.94398	.1766123	56.56111	6.245852

#1	2.419441	.0001563	.0004151	103.5274	.0014177	.0060775
#2	2.412789	.0001258	.0001472	103.8586	.0023050	.0054095
#3	2.411433	.0001042	.0004262	103.5578	.0006557	.0059938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0605604	1.385344	1.567095	14.81175	.0123945	.0002610
Stddev	.0001459	.009468	.005321	.01898	.0006912	.0002882
%RSD	.2409896	.6834536	.3395328	.1281114	5.576905	110.4059

#1	.0603923	1.395022	1.561546	14.80857	.0128237	.0004861
#2	.0606343	1.384909	1.572154	14.79457	.0127626	-.000064
#3	.0606546	1.376101	1.567585	14.83211	.0115971	.000361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1336.848	-.000500	.3041265	5.656760	.0227033	.1079730
Stddev	5.034	.001569	.0059542	.035578	.0005894	.0006937
%RSD	.3765453	313.7151	1.957819	.6289427	2.596173	.6425169

#1	1342.090	-.002294	.3051180	5.678494	.0220280	.1072209
#2	1332.052	.000612	.2977387	5.615702	.0229678	.1081102
#3	1336.404	.000183	.3095227	5.676084	.0231142	.1085878

Sample Name: I4413-02A Acquired: 8/9/2017 12:58:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006876	2.058034	4.218189	.0135418	.0093955	.0015290
Stddev	.0006229	.013545	.032808	.0014940	.0001344	.0001014
%RSD	90.58818	.6581546	.7777831	11.03266	1.431032	6.628841

#1	.0000585	2.058374	4.245117	.0127937	.0094808	.0016005
#2	.0013041	2.071406	4.181648	.0152621	.0094651	.0015735
#3	.0007003	2.044323	4.227803	.0125696	.0092405	.0014130

Elem	Sr4077
Units	ppm
Avg	.0921735
Stddev	.0002193
%RSD	.2379574

#1	.0924058
#2	.0919699
#3	.0921449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	703.9882	1285.869	33540.02	10183.97	2063.530
Stddev	9.6134	14.441	195.81	3.77	15.435
%RSD	1.365568	1.123034	.5838106	.0369835	.7479897

#1	711.4947	1301.427	33753.33	10186.50	2081.210
#2	707.3171	1283.286	33498.28	10185.76	2056.635
#3	693.1527	1272.894	33368.44	10179.64	2052.743

Sample Name: CCV004 Acquired: 8/9/2017 13:02:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889512	4.508099	23.25195	4.815887	4.800211	380.2223
Stddev	.013357	.007610	.00181	.017488	.023099	.9189
%RSD	.2731719	.1688163	.0077905	.3631368	.4812120	.2416804

#1	4.885403	4.510657	23.25118	4.803896	4.782124	381.1741
#2	4.878693	4.499539	23.25065	4.807811	4.792278	380.1525
#3	4.904441	4.514100	23.25402	4.835954	4.826231	379.3402

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.221839	.4617303	2.368744	374.4283	14.20857	2.389541
Stddev	.088520	.0026586	.001567	1.1284	.04700	.000703
%RSD	.9598916	.5757947	.0661390	.3013703	.3307530	.0294277

#1	9.312853	.4616877	2.370387	373.4957	14.17533	2.389678
#2	9.136044	.4644100	2.368578	374.1065	14.26234	2.390165
#3	9.216620	.4590932	2.367267	375.6826	14.18804	2.388779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89383	375.3322	13.68701	386.1668	2.264650	1.267989
Stddev	.13688	.5660	.03227	.5817	.001580	.002933
%RSD	.9190208	.1507991	.2357384	.1506217	.0697781	.2313380

#1	15.04322	375.0487	13.65355	386.7848	2.266382	1.264691
#2	14.86382	374.9640	13.68956	385.6300	2.263286	1.270308
#3	14.77444	375.9840	13.71792	386.0856	2.264283	1.268966

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	385.0720	F 2.196540	15.02209	139.5180	F 6.203863	F 3.822072
Stddev	1.8578	.017276	.26961	1.3997	.011316	.026727
%RSD	.4824585	.7864955	1.794765	1.003262	.1824071	.6992708

#1	387.2141	2.210488	14.90168	141.1213	6.191631	3.832179
#2	383.9008	2.177215	14.83366	138.8930	6.205997	3.842271
#3	384.1011	2.201917	15.33092	138.5396	6.213960	3.791766

Sample Name: CCV004 Acquired: 8/9/2017 13:02:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.777489	5.069099	4.456816	4.729288	4.802952	6.032471
Stddev	.015237	.014594	.015514	.001693	.017485	.127874
%RSD	.3189361	.2878996	.3480996	.0358065	.3640551	2.119755

#1	4.767406	5.063342	4.470667	4.730095	4.819763	6.110652
#2	4.770044	5.085694	4.459731	4.727343	4.804231	6.101858
#3	4.795018	5.058263	4.440052	4.730428	4.784863	5.884902

Elem	Sr4077
Units	ppm
Avg	7.554209
Stddev	.061689
%RSD	.8166187

#1	7.601079
#2	7.577229
#3	7.484320

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	714.9678	1321.372	34883.84	9880.165	1895.761
Stddev	8.5727	4.632	100.36	70.079	2.740
%RSD	1.199037	.3505172	.2877026	.7092931	.1445308

#1	712.1279	1321.316	34809.51	9815.595	1893.543
#2	724.6002	1326.031	34998.00	9870.213	1898.824
#3	708.1755	1316.768	34844.00	9954.689	1894.916

Sample Name: CCB004 Acquired: 8/9/2017 13:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002796	.0002222	.0009754	.0031866	-.000414	.0017896	-.001295
Stddev	.0022530	.0007931	.0007320	.0015756	.001158	.0045446	.000113
%RSD	805.7708	356.8991	75.05009	49.44404	279.3445	253.9504	8.754286

#1	-.001593	.0005411	.0001964	.0042562	-.001676	.0032876	-.001281
#2	-.000349	.0008062	.0010806	.0039264	-.000165	-.003315	-.001415
#3	.002780	-.000681	.0016491	.0013773	.000598	.005396	-.001189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000645	.0000322	-.000936	.0000355	-.000006	.0003450	.0046003
Stddev	.0000717	.0000690	.000895	.0002578	.000067	.0002631	.0023865
%RSD	111.2357	214.6061	95.64294	726.1963	1143.349	76.25729	51.87596

#1	-.000015	-.000045	-.001113	.0001686	.000037	.0005942	.0072676
#2	.000124	.000088	.000035	.0001996	.000029	.0000699	.0038660
#3	.000085	.000053	-.001728	-.000262	-.000083	.0003710	.0026673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001005	-.007649	.0001570	.0002510	.0047995	.0008690	-.003331
Stddev	.0000668	.004258	.0000456	.0001464	.0224105	.0007542	.001257
%RSD	66.50727	55.67114	29.05807	58.32433	466.9349	86.79136	37.73907

#1	.0000365	-.008519	.0001479	.0001656	.0126175	.0000690	-.002773
#2	.0001699	-.011406	.0002065	.0001673	.0222538	.0015670	-.004770
#3	.0000951	-.003023	.0001166	.0004200	-.020473	.0009709	-.002449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103668	.0000471	-.001194	.0005911	.0003618	-.102877	-.000588
Stddev	.0202322	.0001324	.000940	.0002084	.0024931	.000186	.001317
%RSD	195.1625	280.9429	78.71065	35.25290	689.1178	.1807397	224.1134

#1	-.011476	.0001617	-.000549	.0006700	-.002416	-.102714	.000723
#2	.028465	-.000098	-.002273	.0007486	.001096	-.103080	-.000576
#3	.014112	.000077	-.000761	.0003548	.002406	-.102837	-.001910

Sample Name: CCB004 Acquired: 8/9/2017 13:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v113) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000199	.0005667	.0000720
Stddev	.000428	.0000501	.0000027
%RSD	215.3863	8.838322	3.683253

#1	-.000174	.0005979	.0000749
#2	.000216	.0005933	.0000716
#3	-.000639	.0005089	.0000696

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.8187	1737.904	44340.96	10947.10	3305.232
Stddev	3.9639	10.425	45.81	19.81	11.254
%RSD	.4199811	.5998384	.1033182	.1809853	.3404867

#1	944.3227	1741.431	44388.59	10939.17	3301.349
#2	939.6270	1746.107	44297.21	10932.48	3317.914
#3	947.5065	1726.173	44337.08	10969.65	3296.435