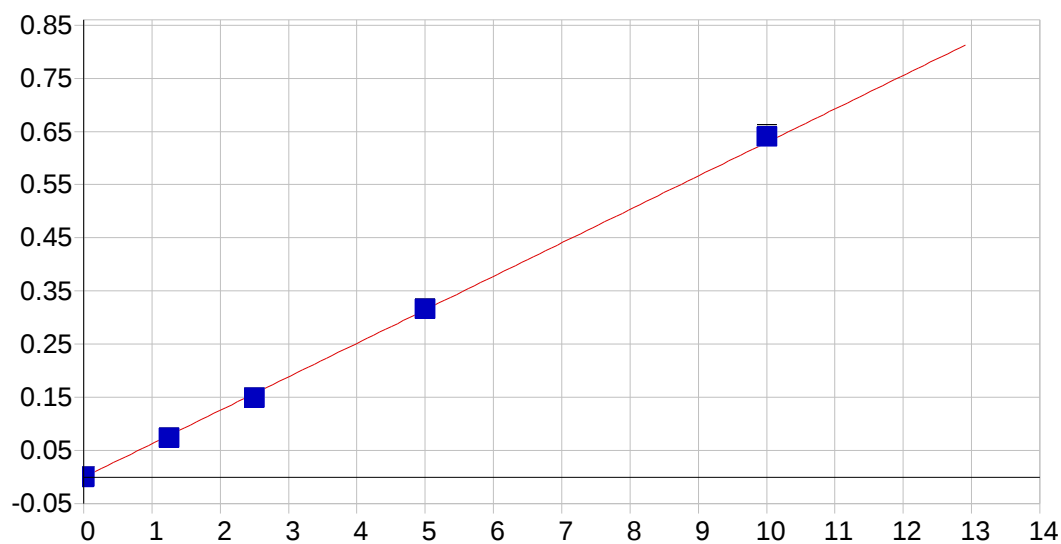




As 189.042 {479}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000324

Re-Slope: 1.000000

A1 (Gain): 0.062970

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999583

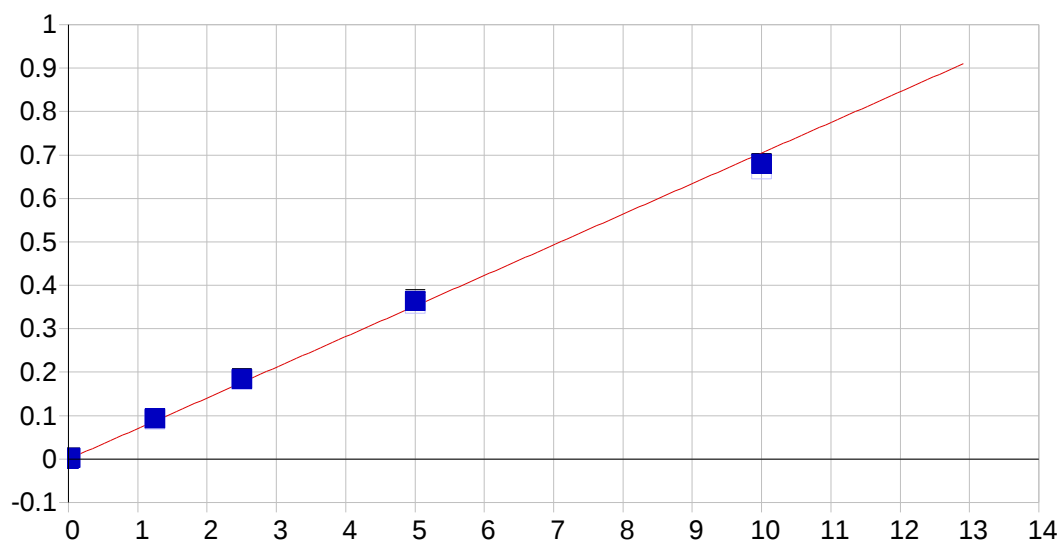
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.003224

Predicted MQL: 0.010746

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.01109	.001	10.9	.00037	.000	1
S2	1.2500	1.1708	-.079	-6.34	.07338	.001	1
S3	2.5000	2.3669	-.133	-5.32	.14867	.001	1
S4	5.0000	5.0320	.032	.640	.31645	.001	1
S5	10.000	10.179	.179	1.79	.64048	.003	1



TI 190.856 {477}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000210

Re-Slope: 1.000000

A1 (Gain): 0.070484

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999215

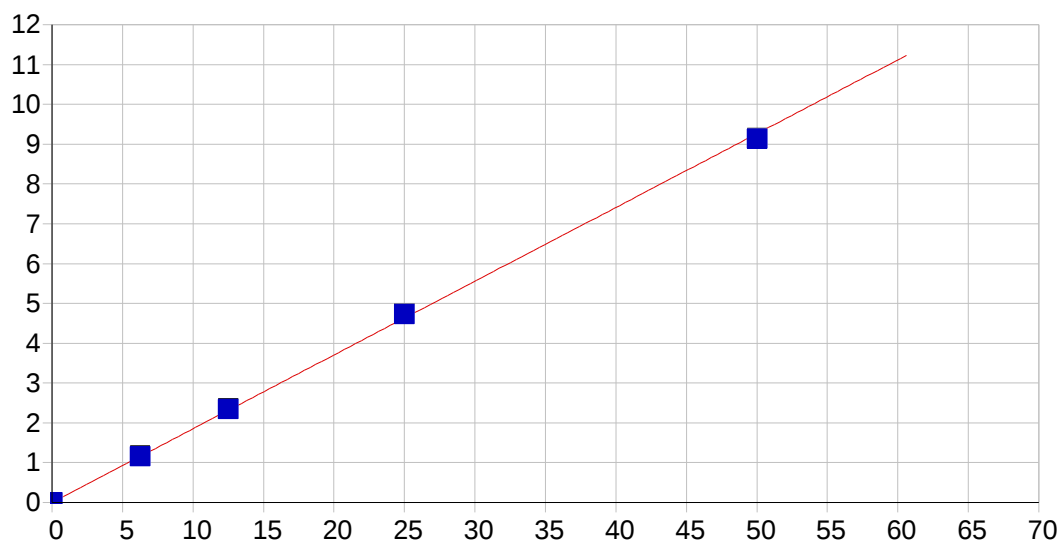
Status: OK.

Std Error of Est: 0.000073

Predicted MDL: 0.001736

Predicted MQL: 0.005785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00021	.000	1
S1	.02500	.02948	.004	17.9	.00172	.000	1
S2	1.2500	1.3194	.069	5.55	.09118	.001	1
S3	2.5000	2.6184	.118	4.74	.18114	.001	1
S4	5.0000	5.1649	.165	3.30	.35742	.003	1
S5	10.000	9.6432	-.357	-3.57	.66667	.000	1



Pb 220.353 {453}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000220

Re-Slope: 1.000000

A1 (Gain): 0.185256

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999879

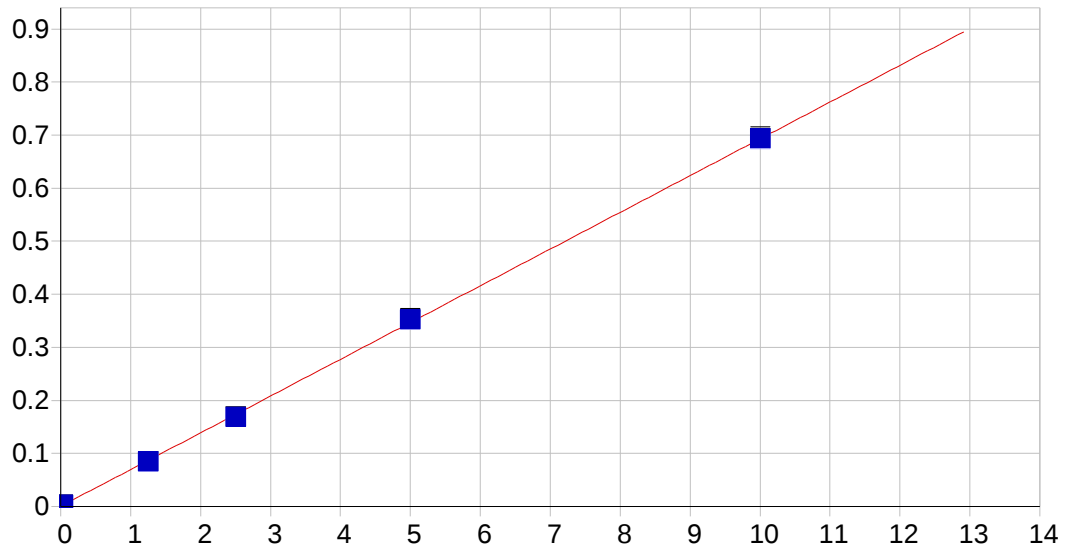
Status: OK.

Std Error of Est: 0.000108

Predicted MDL: 0.001358

Predicted MQL: 0.004528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01096	.001	9.63	.00225	.000	1
S2	6.2500	6.2387	-.011	-.181	1.1563	.009	1
S3	12.500	12.647	.147	1.17	2.3438	.013	1
S4	25.000	25.540	.540	2.16	4.7331	.003	1
S5	50.000	49.323	-.677	-1.35	9.1403	.011	1



Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000365

Re-Slope: 1.000000

A1 (Gain): 0.069269

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

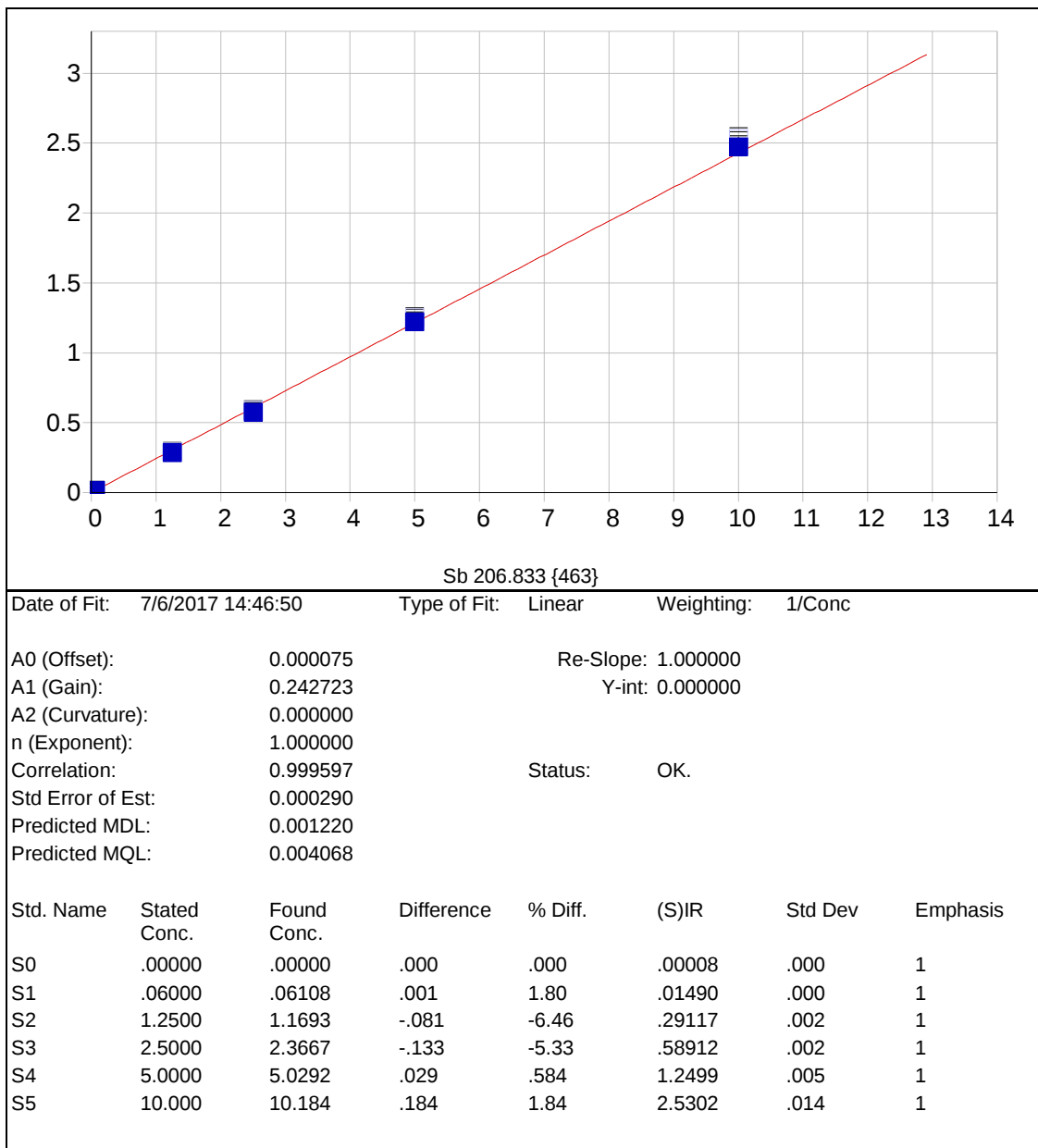
Status: OK.

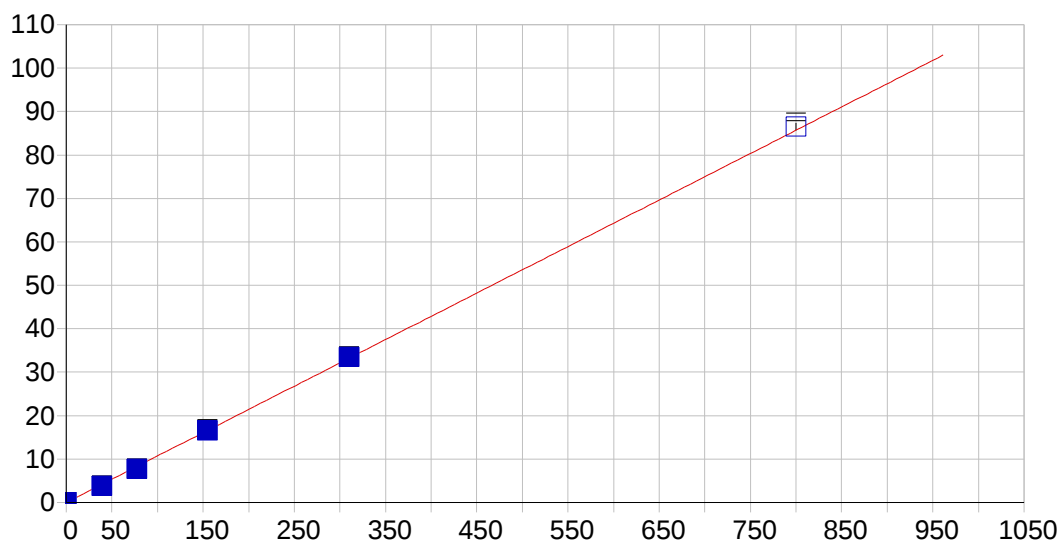
Std Error of Est: 0.000032

Predicted MDL: 0.003152

Predicted MQL: 0.010507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.03500	.03625	.001	3.59	.00287	.000	1
S2	1.2500	1.2140	-.036	-2.88	.08414	.001	1
S3	2.5000	2.4351	-.065	-2.60	.16840	.001	1
S4	5.0000	5.0833	.083	1.67	.35120	.002	1
S5	10.000	10.016	.016	.163	.69162	.002	1





AI 396.152 { 85}

Date of Fit: 7/6/2017 14:51:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000790

Re-Slope: 1.000000

A1 (Gain): 0.107128

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999717

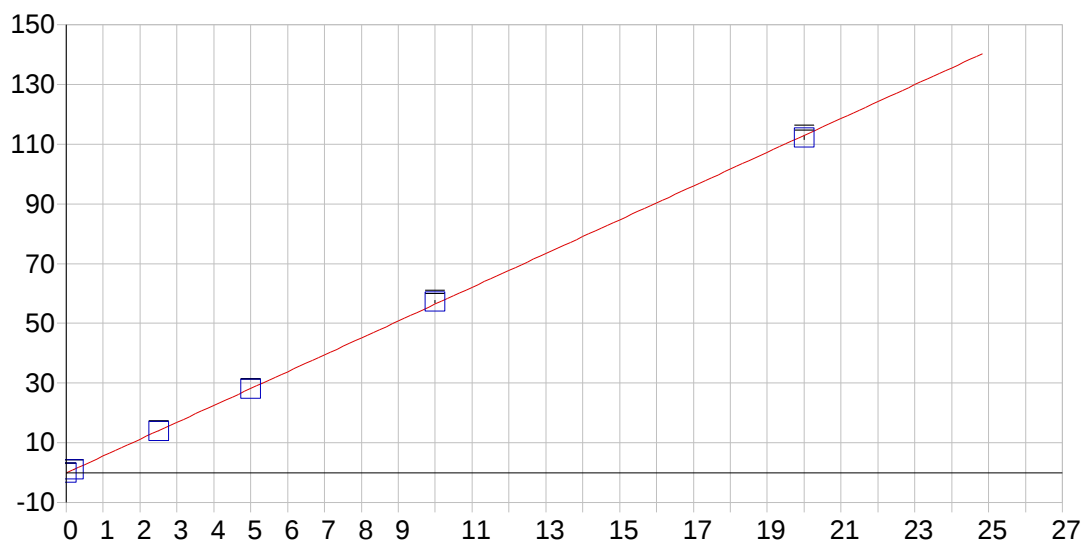
Status: OK.

Std Error of Est: 0.001586

Predicted MDL: 0.004846

Predicted MQL: 0.016152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00079	.000	1
S1	.20000	.18838	-.012	-5.81	.02101	.000	1
S2	38.750	35.244	-3.51	-9.05	3.7814	.008	1
S3	77.500	72.108	-5.39	-6.96	7.7355	.021	1
S4	155.00	154.19	-.808	-.522	16.539	.200	1
S5	310.00	312.22	2.22	.715	33.488	.149	1
S6	800.00	807.51	7.51	.939	86.507	.940	1



Ba 493.409 { 68}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.108870

Re-Slope: 1.000000

A1 (Gain): 5.651918

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

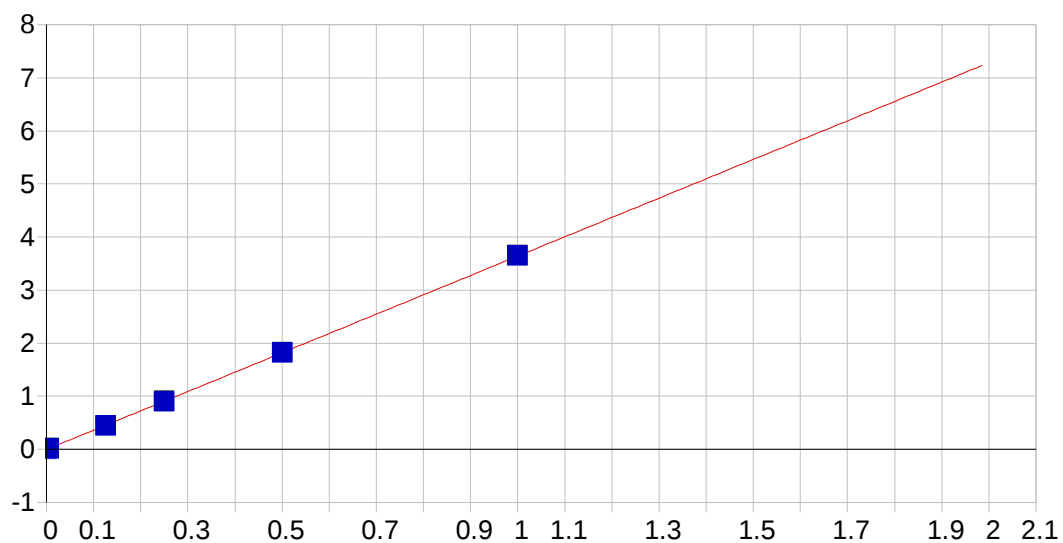
Status: OK.

Std Error of Est: 0.005287

Predicted MDL: 0.000405

Predicted MQL: 0.001351

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.10892	.001	1
S1	.20000	.20864	.009	4.32	1.0703	.002	1
S2	2.5000	2.4913	-.009	-.348	13.972	.033	1
S3	5.0000	4.9898	-.010	-.204	28.093	.073	1
S4	10.000	10.132	.132	1.32	57.158	.545	1
S5	20.000	19.878	-.122	-.610	112.24	.837	1



Be 234.861 {144}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002541

Re-Slope: 1.000000

A1 (Gain): 3.642763

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999958

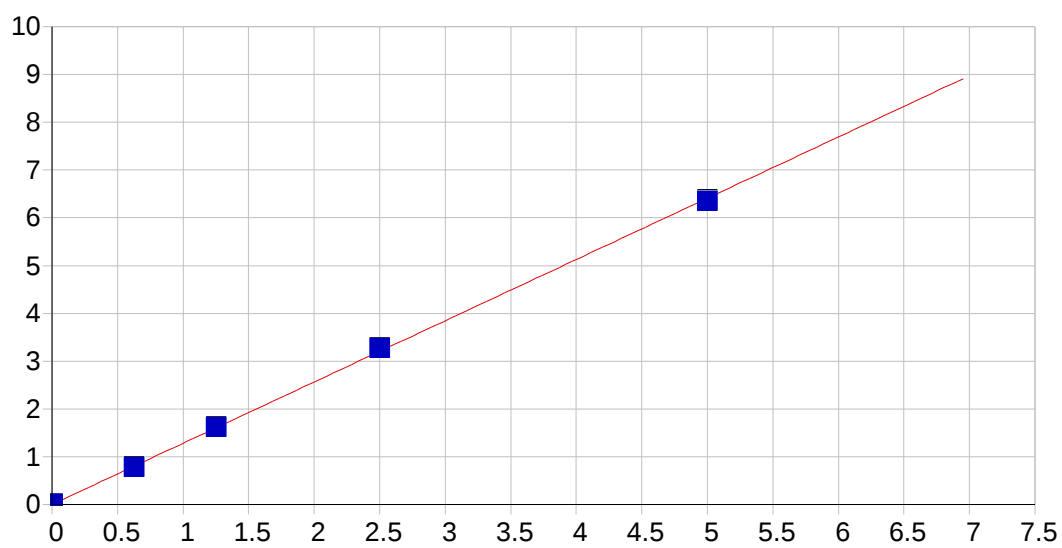
Status: OK.

Std Error of Est: 0.000125

Predicted MDL: 0.000089

Predicted MQL: 0.000296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00254	.000	1
S1	.00500	.00556	.001	11.2	.01769	.000	1
S2	.12500	.12199	-.003	-2.40	.44033	.002	1
S3	.25000	.24828	-.002	-.688	.89882	.012	1
S4	.50000	.50131	.001	.263	1.8175	.006	1
S5	1.0000	1.0029	.003	.285	3.6384	.010	1



Cd 214.438 {457}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000191

Re-Slope: 1.000000

A1 (Gain): 1.281876

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999905

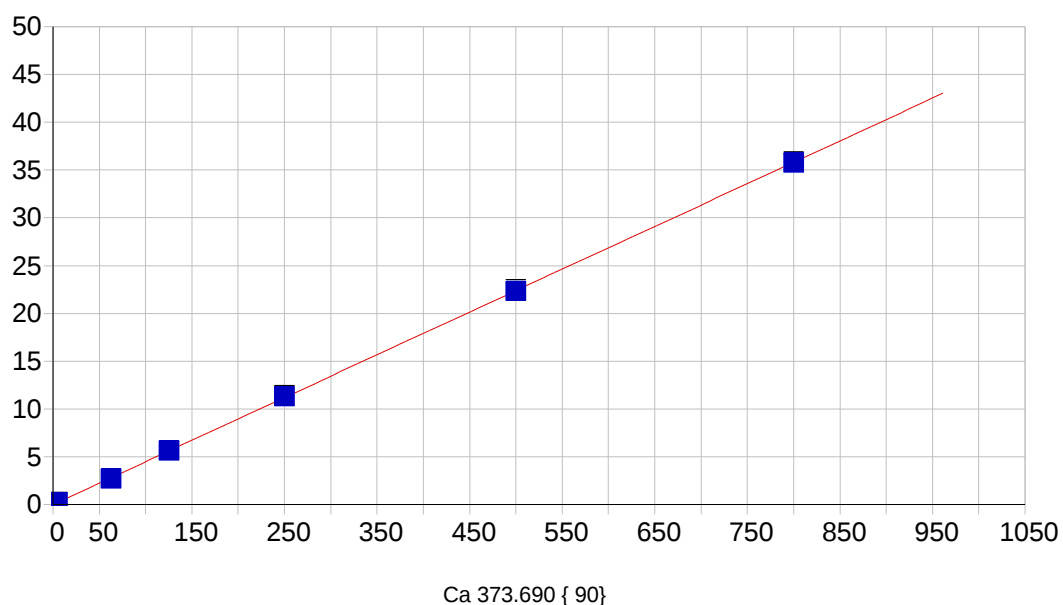
Status: OK.

Std Error of Est: 0.000148

Predicted MDL: 0.000125

Predicted MQL: 0.000416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00500	.00522	.000	4.41	.00689	.000	1
S2	.62500	.61014	-.015	-2.38	.78372	.005	1
S3	1.2500	1.2587	.009	.693	1.6164	.014	1
S4	2.5000	2.5496	.050	1.98	3.2741	.011	1
S5	5.0000	4.9564	-.044	-.873	6.3648	.014	1



Date of Fit: 7/6/2017 14:51:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001048

Re-Slope: 1.000000

A1 (Gain): 0.044757

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999966

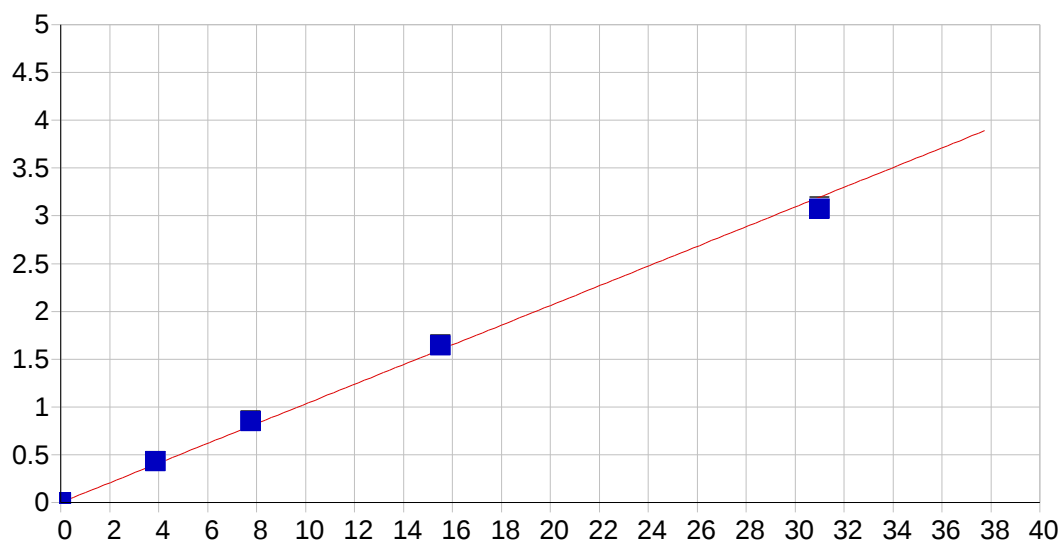
Status: OK.

Std Error of Est: 0.001284

Predicted MDL: 0.011001

Predicted MQL: 0.036669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00105	.000	1
S1	5.0000	4.9952	-.005	-.095	.22461	.001	1
S2	62.500	60.314	-2.19	-3.50	2.6971	.017	1
S3	125.00	125.36	.358	.286	5.6049	.036	1
S4	250.00	253.10	3.10	1.24	11.316	.122	1
S5	500.00	499.12	-.878	-.176	22.313	.173	1
S6	800.00	799.61	-.393	-.049	35.716	.099	1



Cr 267.716 {126}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000047

Re-Slope: 1.000000

A1 (Gain): 0.103057

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999051

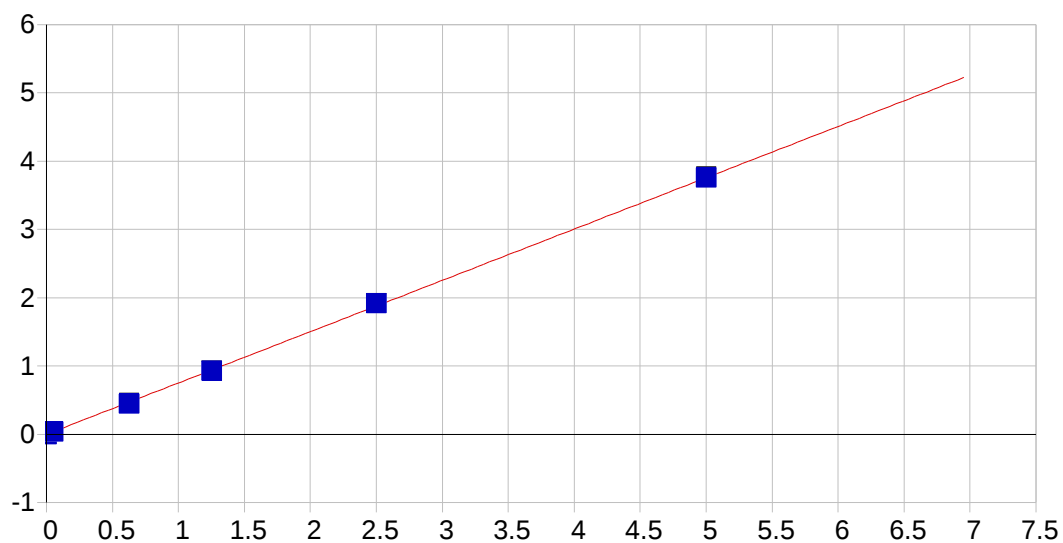
Status: OK.

Std Error of Est: 0.000133

Predicted MDL: 0.000551

Predicted MQL: 0.001838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01270	.003	27.0	.00137	.000	1
S2	3.8750	4.1625	.288	7.42	.43006	.001	1
S3	7.7500	8.2245	.474	6.12	.84970	.004	1
S4	15.500	15.945	.445	2.87	1.6474	.004	1
S5	31.000	29.790	-1.21	-3.90	3.0784	.015	1



Co 228.616 {448}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000428

Re-Slope: 1.000000

A1 (Gain): 0.751552

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999871

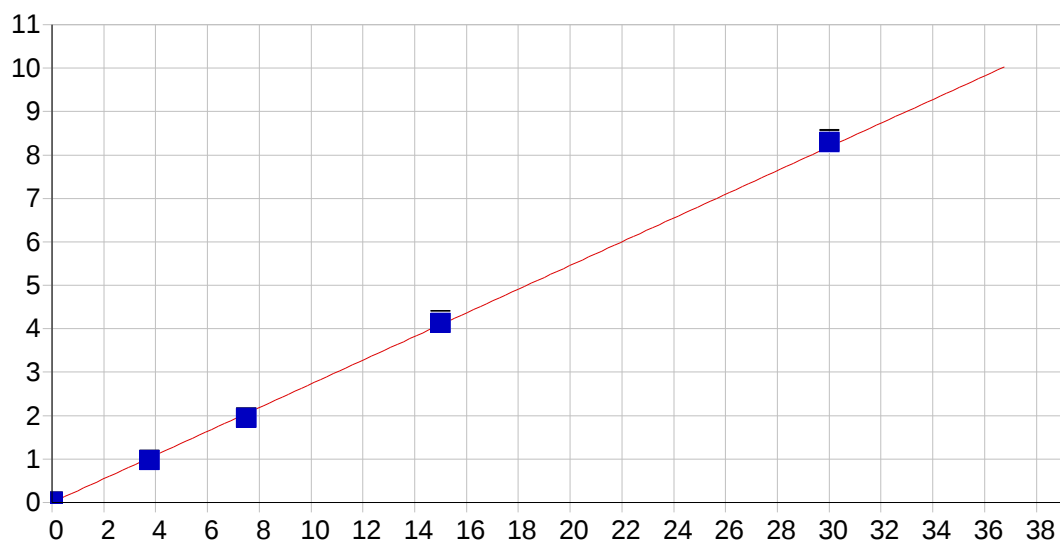
Status: OK.

Std Error of Est: 0.000322

Predicted MDL: 0.000236

Predicted MQL: 0.000785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.05000	.04846	-.002	-3.08	.03613	.000	1
S2	.62500	.59743	-.028	-4.41	.44955	.004	1
S3	1.2500	1.2312	-.019	-1.50	.92685	.005	1
S4	2.5000	2.5474	.047	1.90	1.9180	.003	1
S5	5.0000	5.0005	.000	.010	3.7655	.006	1



Cu 324.754 {104}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001373

Re-Slope: 1.000000

A1 (Gain): 0.272830

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999689

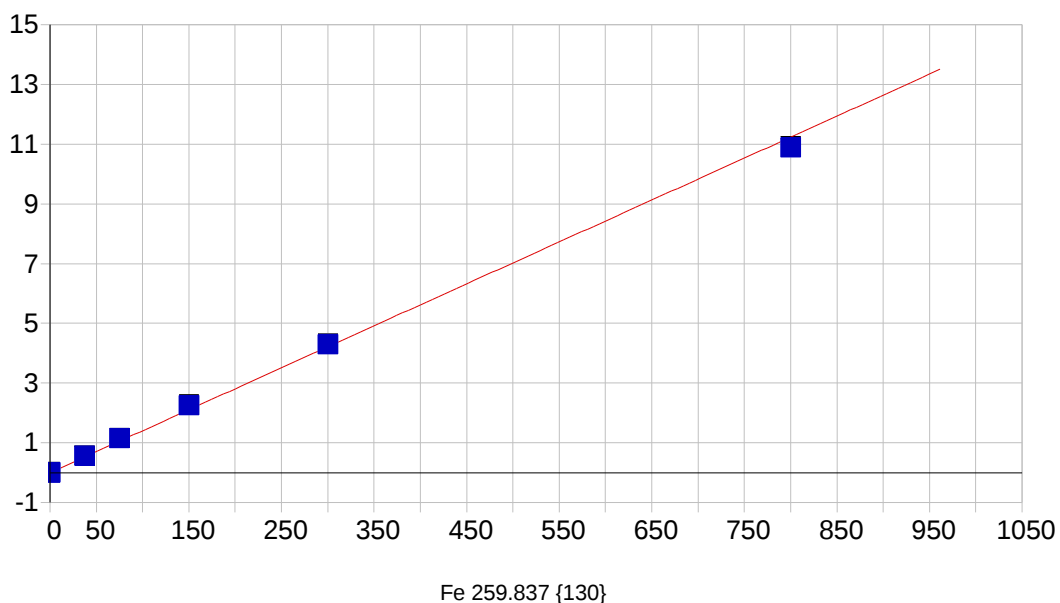
Status: OK.

Std Error of Est: 0.000312

Predicted MDL: 0.001185

Predicted MQL: 0.003951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00137	.000	1
S1	.02500	.02462	.000	-1.51	.00805	.000	1
S2	3.7500	3.5616	-.188	-5.02	.97017	.003	1
S3	7.5000	7.1292	-.371	-4.94	1.9406	.006	1
S4	15.000	15.153	.153	1.02	4.1238	.055	1
S5	30.000	30.407	.407	1.36	8.2739	.064	1



Date of Fit: 7/6/2017 14:51:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000238

Re-Slope: 1.000000

A1 (Gain): 0.014043

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999164

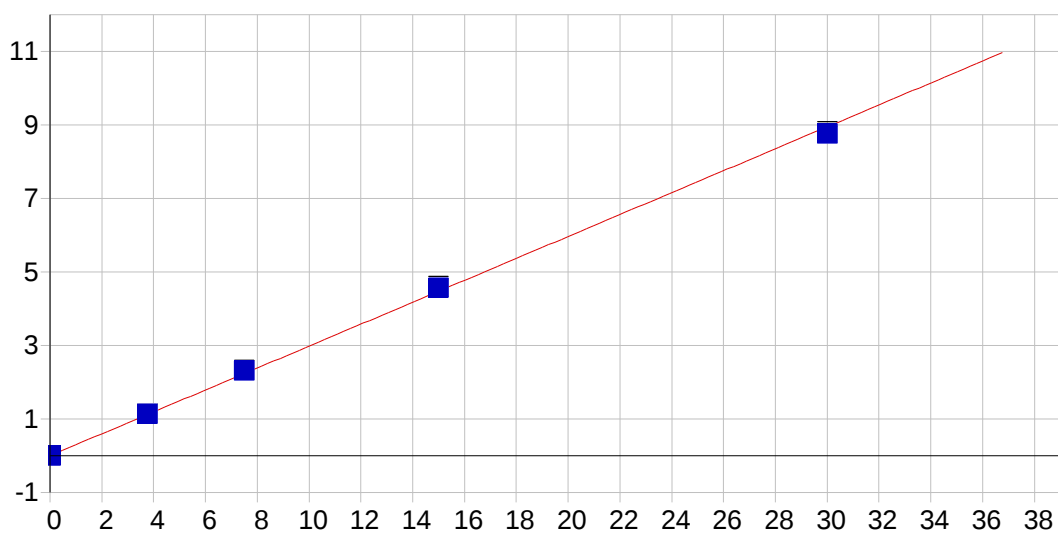
Status: OK.

Std Error of Est: 0.000251

Predicted MDL: 0.011266

Predicted MQL: 0.037555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00024	.000	1
S1	.10000	.10268	.003	2.68	.00169	.000	1
S2	37.500	40.089	2.59	6.90	.56383	.002	1
S3	75.000	81.261	6.26	8.35	1.1426	.005	1
S4	150.00	160.16	10.2	6.77	2.2519	.021	1
S5	300.00	305.91	5.91	1.97	4.3011	.024	1
S6	800.00	775.06	-24.9	-3.12	10.890	.031	1



Mn 257.610 {131}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000079

Re-Slope: 1.000000

A1 (Gain): 0.298302

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999719

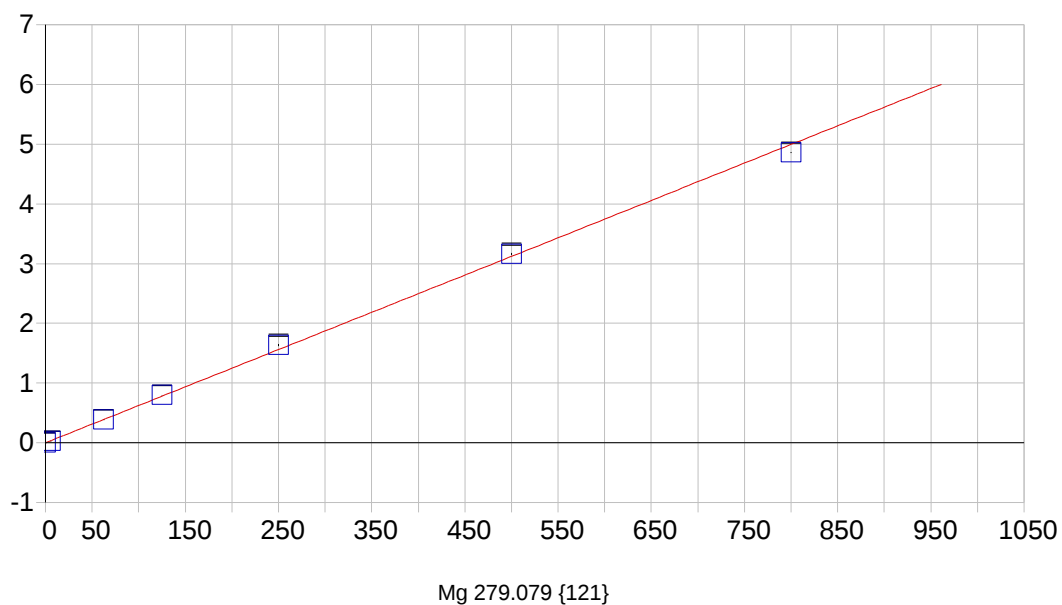
Status: OK.

Std Error of Est: 0.000251

Predicted MDL: 0.000604

Predicted MQL: 0.002014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01593	.001	6.19	.00468	.000	1
S2	3.7500	3.8273	.077	2.06	1.1419	.008	1
S3	7.5000	7.7687	.269	3.58	2.3178	.009	1
S4	15.000	15.305	.305	2.03	4.5663	.043	1
S5	30.000	29.349	-.651	-2.17	8.7566	.070	1



Date of Fit: 7/6/2017 14:51:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000114

Re-Slope: 1.000000

A1 (Gain): 0.006242

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999629

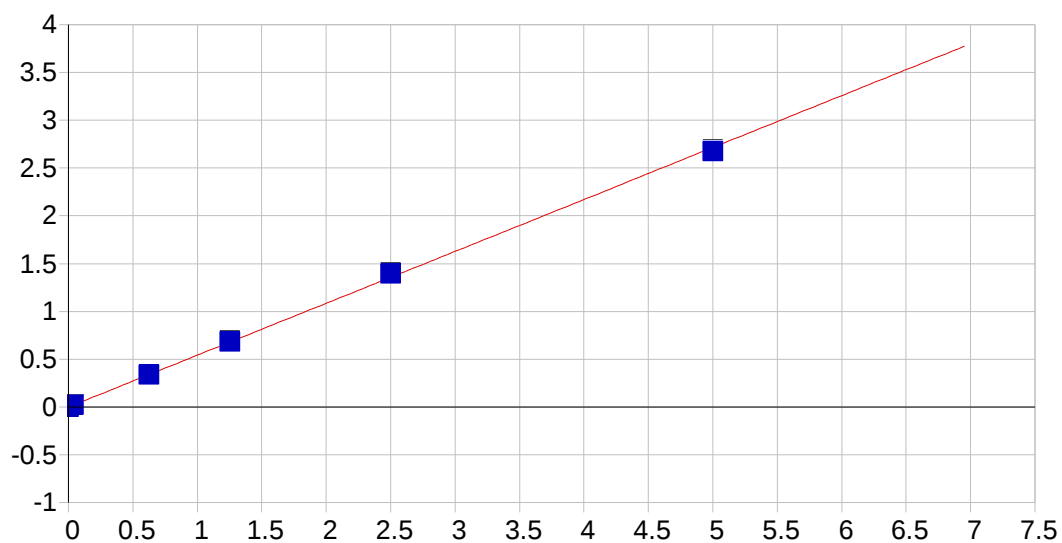
Status: OK.

Std Error of Est: 0.000594

Predicted MDL: 0.029476

Predicted MQL: 0.098253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00041	.000	.000	-.00012	.000	1
S1	5.0000	5.1556	.156	3.11	.03207	.000	1
S2	62.500	62.100	-.400	-.640	.38752	.001	1
S3	125.00	127.81	2.81	2.25	.79770	.005	1
S4	250.00	262.21	12.2	4.88	1.6366	.016	1
S5	500.00	506.22	6.22	1.24	3.1597	.018	1
S6	800.00	779.01	-21.0	-2.62	4.8625	.009	1



Ni 231.604 {446}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001070

Re-Slope: 1.000000

A1 (Gain): 0.542991

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999833

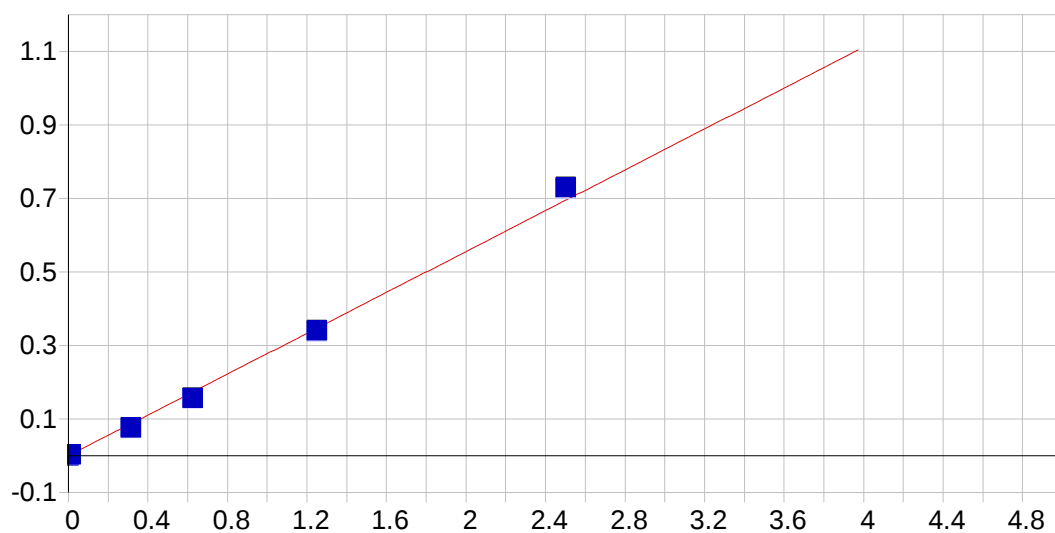
Status: OK.

Std Error of Est: 0.000237

Predicted MDL: 0.000381

Predicted MQL: 0.001270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00107	.000	1
S1	.04000	.04155	.002	3.88	.02152	.000	1
S2	.62500	.61918	-.006	-.931	.33693	.002	1
S3	1.2500	1.2619	.012	.951	.68769	.004	1
S4	2.5000	2.5675	.068	2.70	1.4002	.002	1
S5	5.0000	4.9249	-.075	-1.50	2.6874	.003	1



Ag 328.068 {103}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000235

Re-Slope: 1.000000

A1 (Gain): 0.277903

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998094

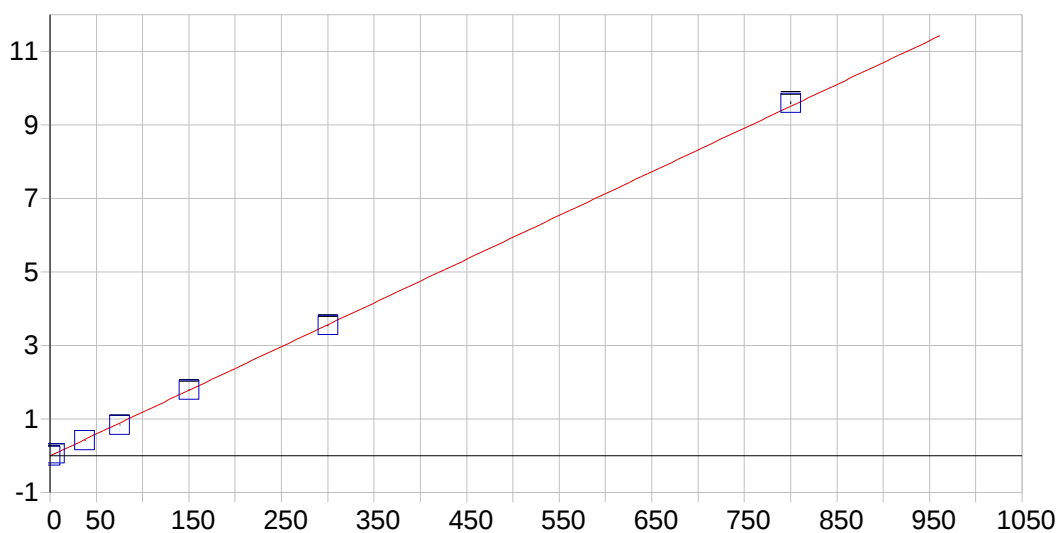
Status: OK.

Std Error of Est: 0.000143

Predicted MDL: 0.000310

Predicted MQL: 0.001033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01000	.00919	-.001	-8.07	.00231	.000	1
S2	.31250	.27223	-.040	-12.9	.07483	.000	1
S3	.62500	.56574	-.059	-9.48	.15580	.000	1
S4	1.2500	1.2246	-.025	-2.03	.33771	.001	1
S5	2.5000	2.6258	.126	5.03	.72473	.001	1



Na 818.326 { 41}

Date of Fit: 7/6/2017 14:51:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002863

Re-Slope: 1.000000

A1 (Gain): 0.011892

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999819

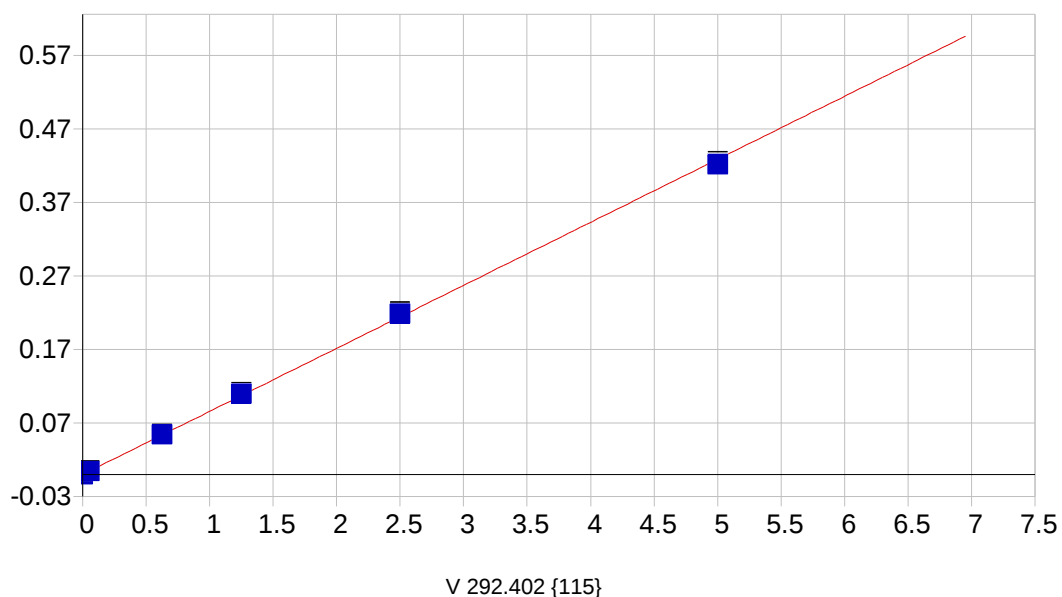
Status: OK.

Std Error of Est: 0.000700

Predicted MDL: 0.093792

Predicted MQL: 0.312641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00081	.001	.000	-.00285	.000	1
S1	5.0000	4.7617	-.238	-4.77	.05376	.001	1
S2	37.500	35.030	-2.47	-6.59	.41371	.002	1
S3	75.000	70.785	-4.21	-5.62	.83891	.001	1
S4	150.00	150.39	.394	.262	1.7856	.022	1
S5	300.00	298.64	-1.36	-.453	3.5486	.020	1
S6	800.00	807.89	7.89	.986	9.6045	.039	1



Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000005

Re-Slope: 1.000000

A1 (Gain): 0.085681

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999835

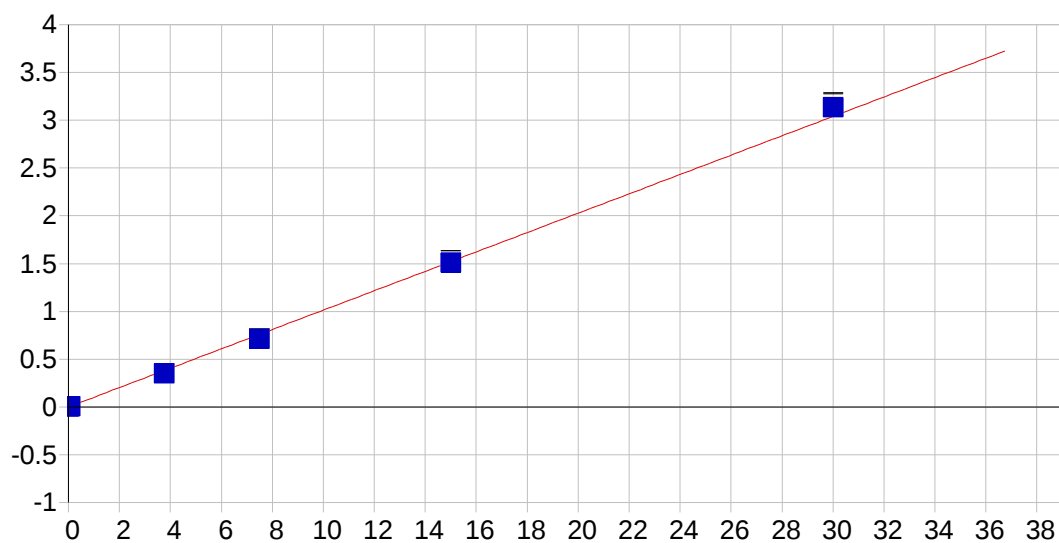
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.002791

Predicted MQL: 0.009302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.05000	.05293	.003	5.86	.00455	.000	1
S2	.62500	.62964	.005	.742	.05417	.001	1
S3	1.2500	1.2788	.029	2.30	.11002	.001	1
S4	2.5000	2.5469	.047	1.87	.21911	.002	1
S5	5.0000	4.9168	-.083	-1.66	.42305	.002	1



Zn 213.856 {158}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000791

Re-Slope: 1.000000

A1 (Gain): 0.101382

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999229

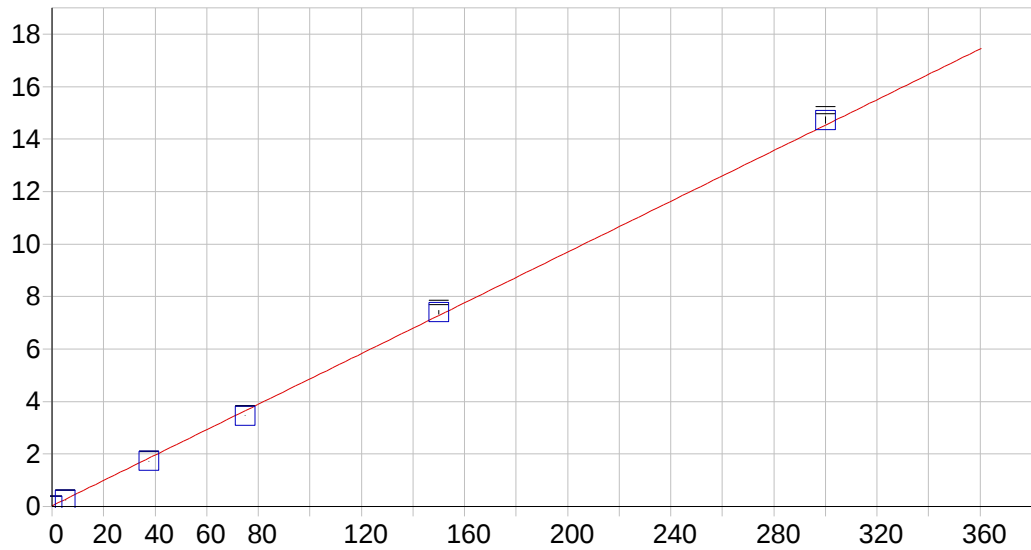
Status: OK.

Std Error of Est: 0.000284

Predicted MDL: 0.007704

Predicted MQL: 0.025679

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00079	.000	1
S1	.06000	.05579	-.004	-7.02	.00489	.000	1
S2	3.7500	3.4232	-.327	-8.72	.34717	.003	1
S3	7.5000	7.0177	-.482	-6.43	.71250	.003	1
S4	15.000	14.913	-.087	-.583	1.5147	.019	1
S5	30.000	30.901	.901	3.00	3.1393	.043	1



K 769.896 { 44}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.023985

Re-Slope: 1.000000

A1 (Gain): 0.048358

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999585

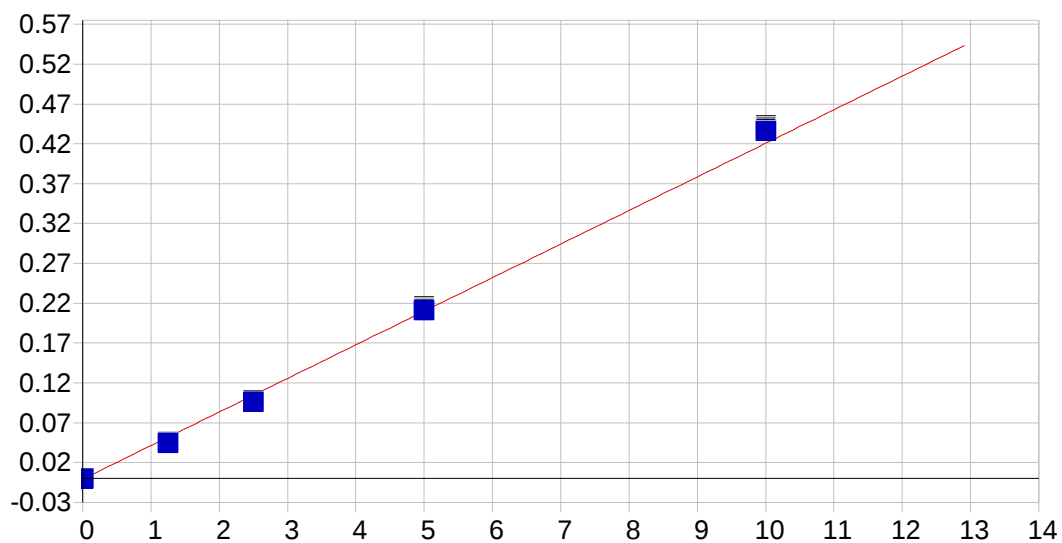
Status: OK.

Std Error of Est: 0.002872

Predicted MDL: 0.022203

Predicted MQL: 0.074011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	.02401	.000	1
S1	5.0000	4.8365	-.164	-3.27	.25787	.000	1
S2	37.500	35.171	-2.33	-6.21	1.7248	.003	1
S3	75.000	70.911	-4.09	-5.45	3.4531	.010	1
S4	150.00	152.63	2.63	1.75	7.4047	.085	1
S5	300.00	303.96	3.96	1.32	14.723	.133	1



P 177.495 {490}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000716

Re-Slope: 1.000000

A1 (Gain): 0.042138

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998513

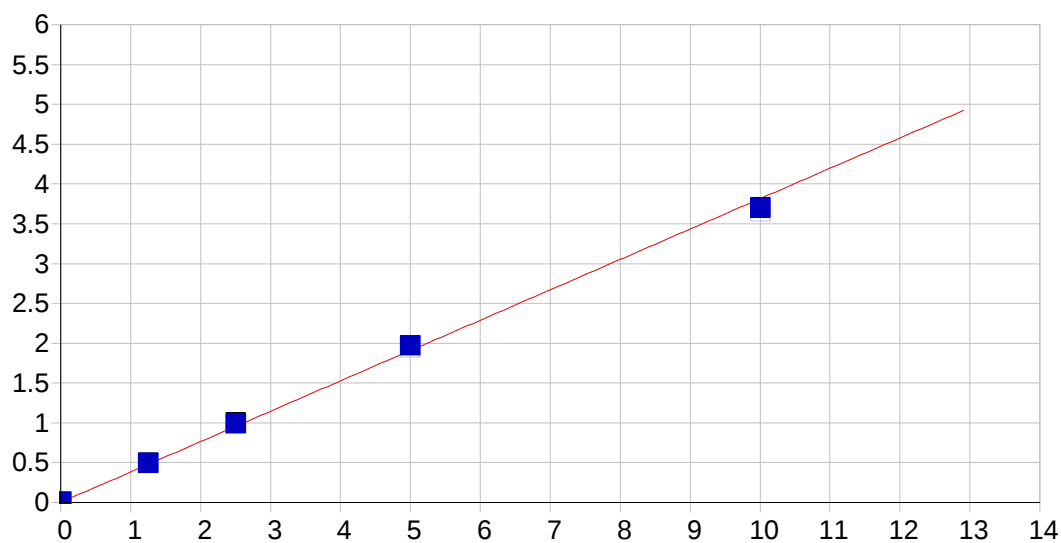
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.002463

Predicted MQL: 0.008210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.01000	.01331	.003	33.1	-.00015	.000	1
S2	1.2500	1.0754	-.175	-14.0	.04528	.000	1
S3	2.5000	2.2868	-.213	-8.53	.09700	.001	1
S4	5.0000	5.0151	.015	.301	.21333	.002	1
S5	10.000	10.369	.369	3.69	.44168	.001	1

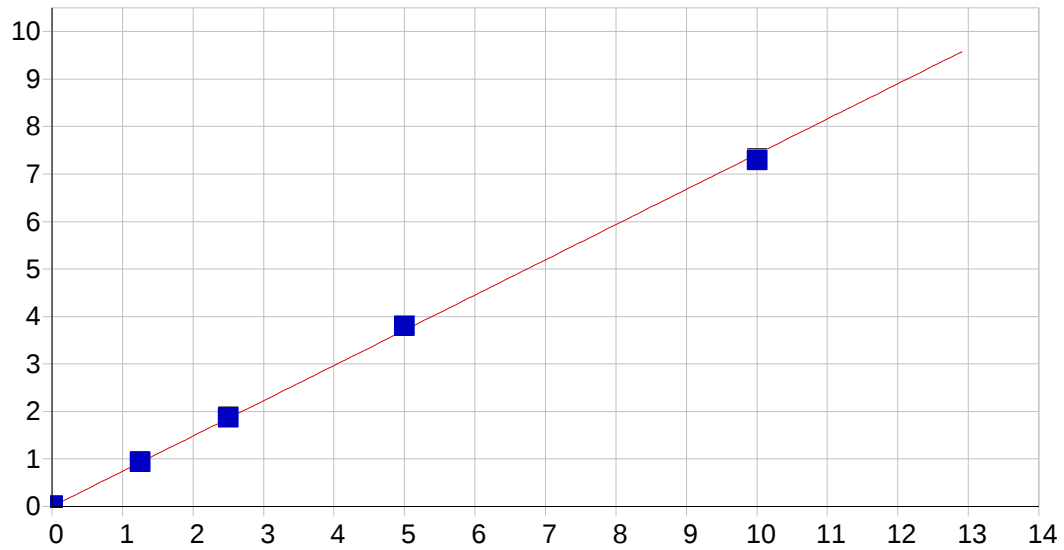


B 249.678 {135}

Date of Fit: 7/6/2017 14:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001825 Re-Slope: 1.000000
 A1 (Gain): 0.381305 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999448 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.000876
 Predicted MQL: 0.002921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00182	.000	1
S1	.01000	.01141	.001	14.1	.00619	.000	1
S2	1.2500	1.2966	.047	3.73	.49025	.002	1
S3	2.5000	2.6011	.101	4.04	.98169	.010	1
S4	5.0000	5.1562	.156	3.12	1.9440	.005	1
S5	10.000	9.6947	-.305	-3.05	3.6507	.007	1

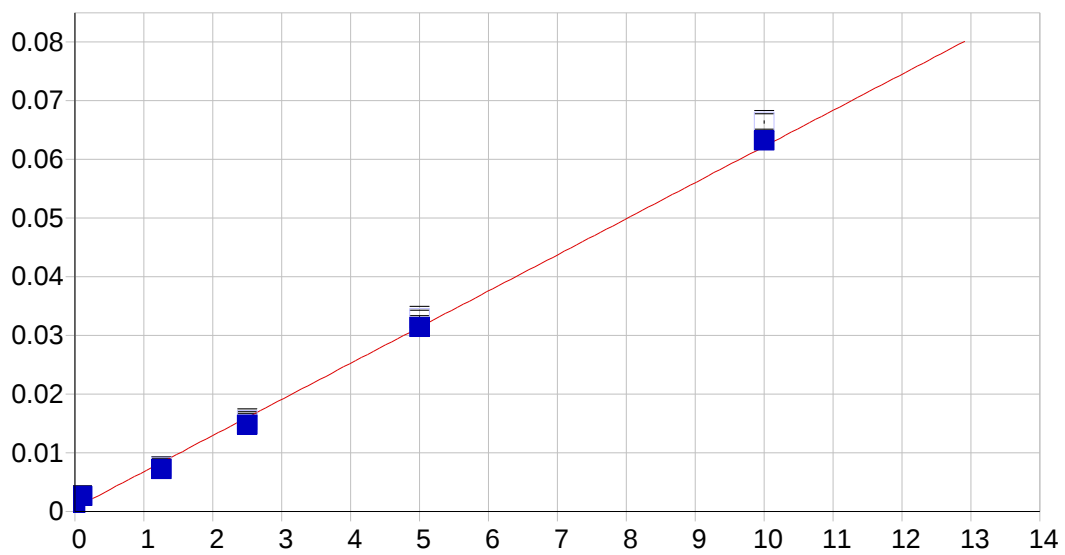


Mo 202.030 {467}

Date of Fit: 7/6/2017 14:46:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.741911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.000323
 Predicted MQL: 0.001078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.01000	.01153	.002	15.3	.00887	.000	1
S2	1.2500	1.2666	.017	1.33	.94086	.008	1
S3	2.5000	2.5256	.026	1.02	1.8758	.004	1
S4	5.0000	5.1285	.129	2.57	3.8086	.005	1
S5	10.000	9.8277	-.172	-1.72	7.2983	.024	1



S 182.034 {485}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000623

Re-Slope: 1.000000

A1 (Gain): 0.006160

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.986839

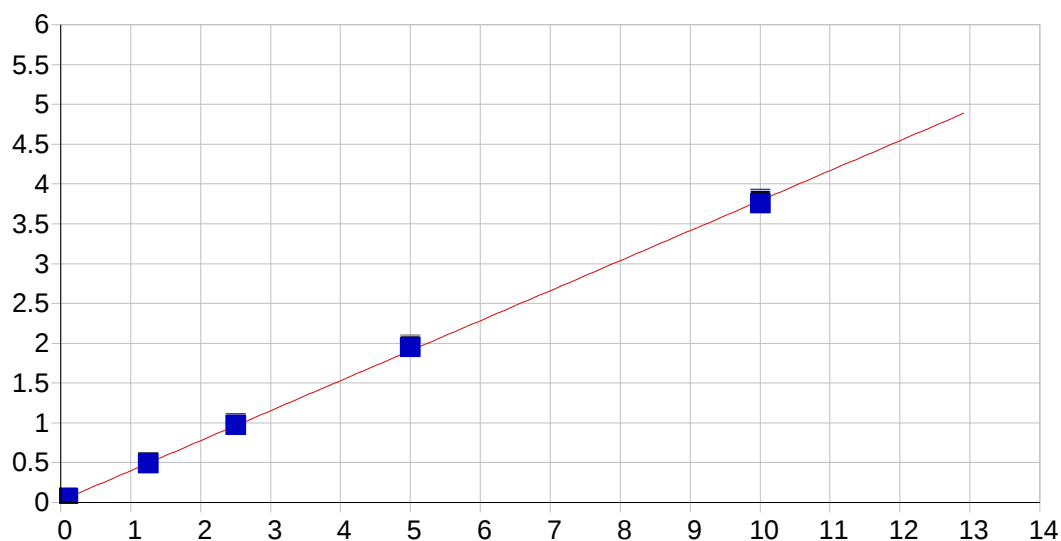
Status: OK.

Std Error of Est: 0.000056

Predicted MDL: 0.015588

Predicted MQL: 0.051960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00062	.000	1
S1	.10000	.32665	.227	227.	.00264	.000	1
S2	1.2500	1.0715	-.178	-14.3	.00761	.000	1
S3	2.5000	2.2991	-.201	-8.03	.01557	.000	1
S4	5.0000	4.9953	-.005	-.095	.03296	.000	1
S5	10.000	10.168	.168	1.68	.06638	.000	1



Si 251.611 {134}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.022361

Re-Slope: 1.000000

A1 (Gain): 0.376805

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999716

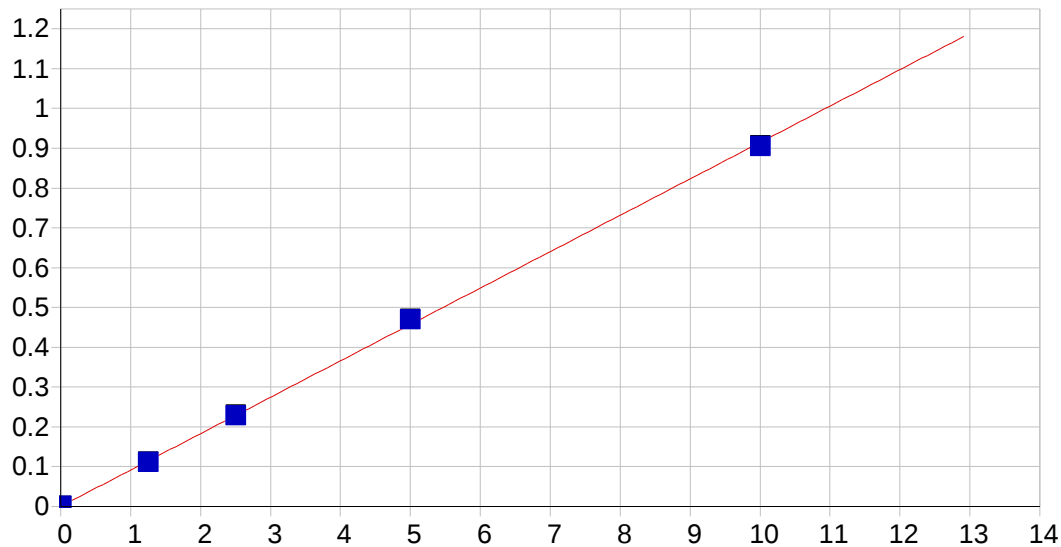
Status: OK.

Std Error of Est: 0.000483

Predicted MDL: 0.000925

Predicted MQL: 0.003084

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.02237	.001	1
S1	.10000	.07288	-.027	-27.1	.04996	.002	1
S2	1.2500	1.2426	-.007	-.595	.49611	.004	1
S3	2.5000	2.5263	.026	1.05	.98539	.007	1
S4	5.0000	5.1073	.107	2.15	1.9690	.005	1
S5	10.000	9.9006	-.099	-.994	3.7973	.014	1



Sn 189.989 {478}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000250

Re-Slope: 1.000000

A1 (Gain): 0.091433

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999835

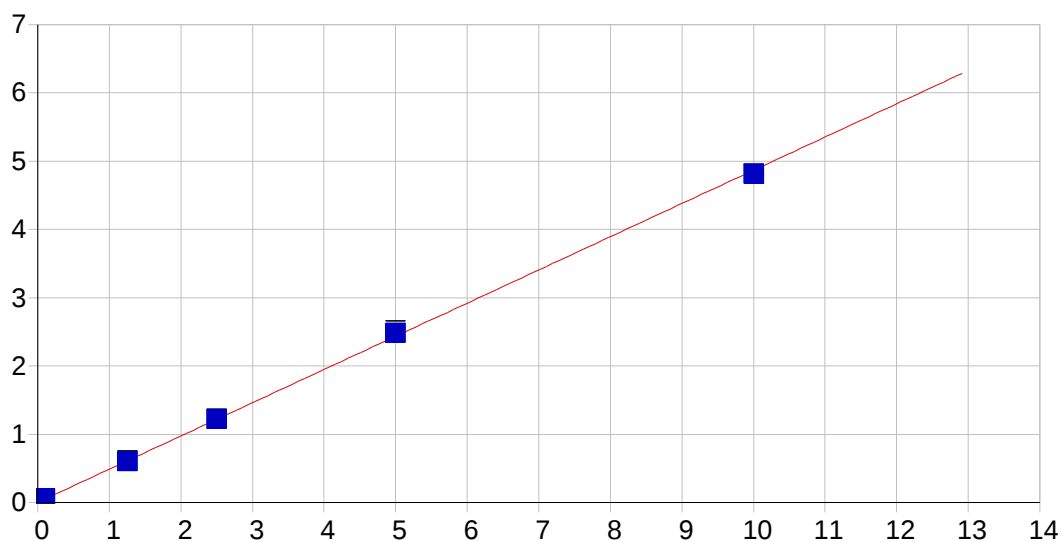
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.001180

Predicted MQL: 0.003933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.00700	.00533	-.002	-23.8	.00073	.000	1
S2	1.2500	1.2149	-.035	-2.81	.11124	.001	1
S3	2.5000	2.4994	-.001	-.024	.22860	.001	1
S4	5.0000	5.1375	.137	2.75	.46962	.001	1
S5	10.000	9.8998	-.100	-1.00	.90470	.001	1



Ti 336.121 {100}

Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001502

Re-Slope: 1.000000

A1 (Gain): 0.486576

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999902

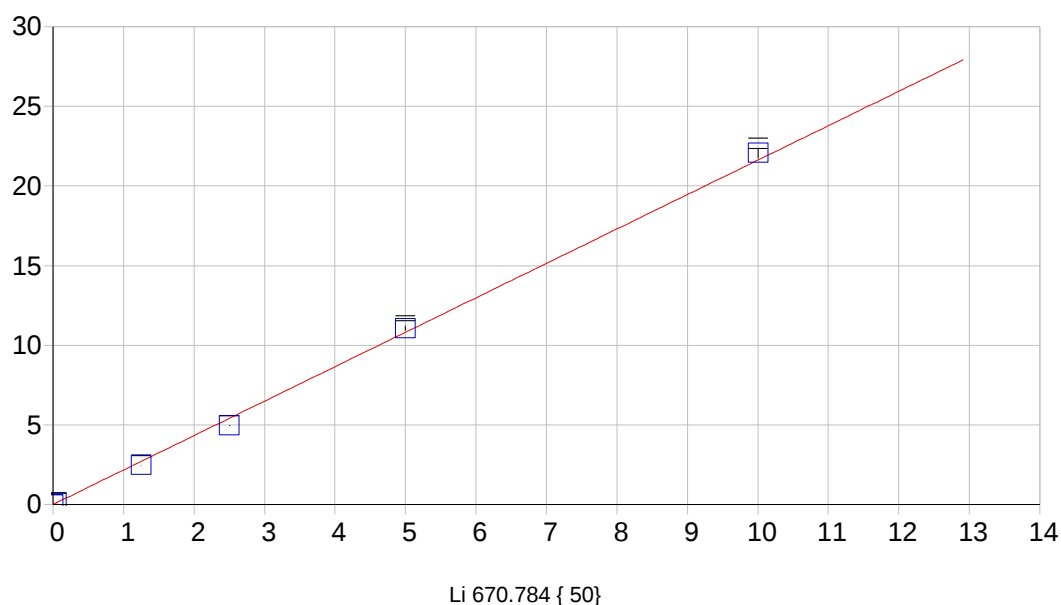
Status: OK.

Std Error of Est: 0.000362

Predicted MDL: 0.000738

Predicted MQL: 0.002459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00150	.000	1
S1	.10000	.10481	.005	4.81	.05248	.000	1
S2	1.2500	1.2398	-.010	-.813	.60457	.002	1
S3	2.5000	2.5060	.006	.238	1.2204	.001	1
S4	5.0000	5.1057	.106	2.11	2.4850	.027	1
S5	10.000	9.8937	-.106	-1.06	4.8139	.010	1



Date of Fit: 7/6/2017 14:46:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003938

Re-Slope: 1.000000

A1 (Gain): 2.161768

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999084

Status: OK.

Std Error of Est: 0.003474

Predicted MDL: 0.000497

Predicted MQL: 0.001655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00396	.001	1
S5	10.000	10.204	.204	2.04	22.063	.315	1
S4	5.0000	5.1187	.119	2.37	11.069	.146	1
S3	2.5000	2.2923	-.208	-8.31	4.9593	.013	1
S2	1.2500	1.1388	-.111	-8.90	2.4657	.012	1
S1	.05000	.04601	-.004	-7.98	.10341	.001	1



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

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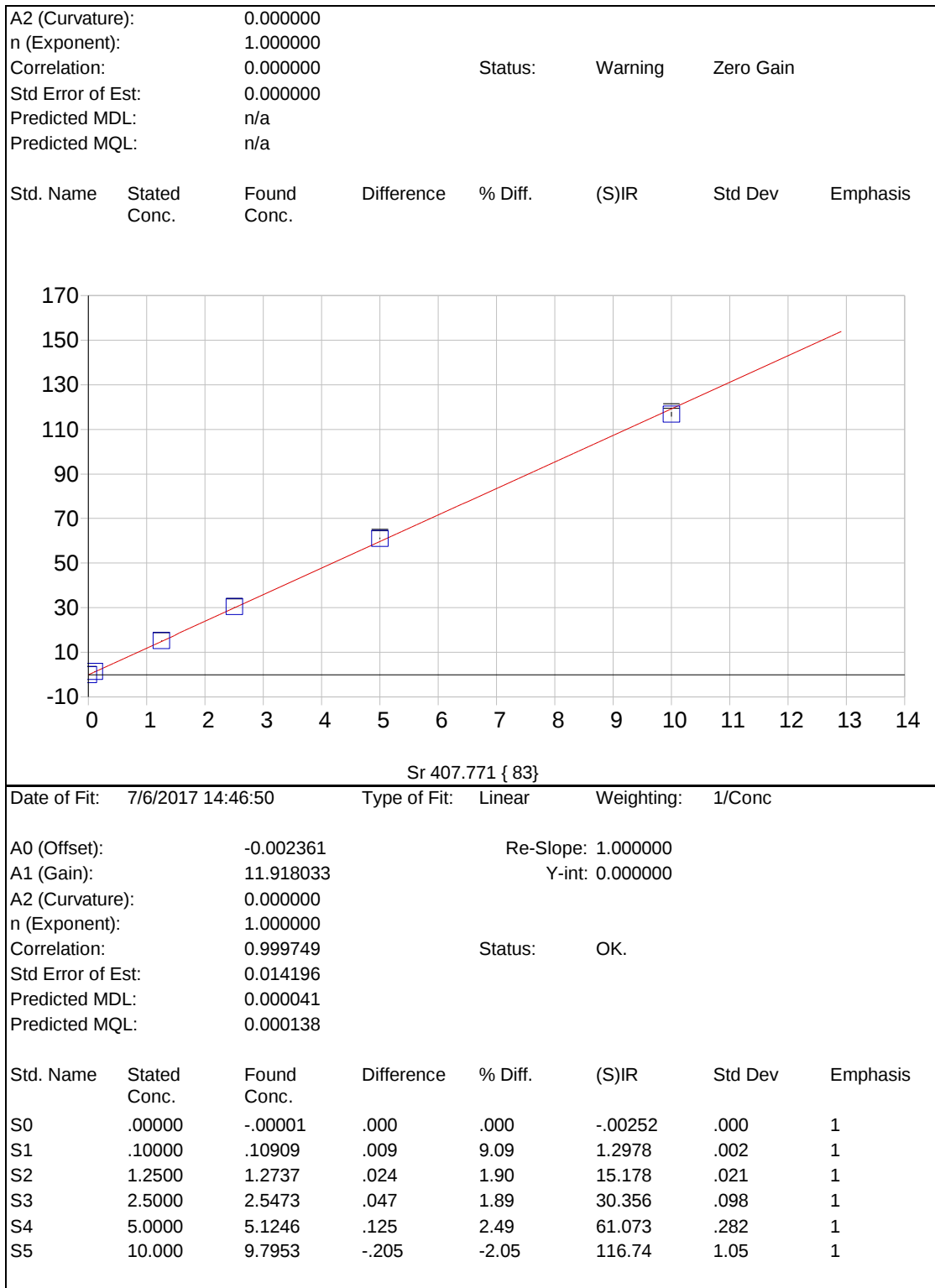
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000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



Sample Name: S0 Acquired: 7/6/2017 14:22:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S0 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	-.00032	-.00021	.00022	.00037	.00008	.00079	-.10892	-.00254
Stddev	.00016	.00001	.00014	.00013	.00005	.00016	.00066	.00011
%RSD	47.836	3.5180	64.236	34.339	71.733	20.113	.60399	4.3273

#1	-.00050	-.00020	.00021	.00022	.00001	.00091	-.10920	-.00249
#2	-.00026	-.00021	.00037	.00044	.00012	.00086	-.10817	-.00267
#3	-.00021	-.00022	.00008	.00044	.00010	.00061	-.10939	-.00247

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	.00019	.00105	.00005	-.00043	.00137	.00024	-.00008	-.00012
Stddev	.00001	.00016	.00001	.00006	.00030	.00029	.00019	.00018
%RSD	3.0731	14.826	22.715	13.089	21.995	123.05	239.56	154.22

#1	.00018	.00123	.00004	-.00040	.00167	.00058	-.00022	.00007
#2	.00019	.00092	.00004	-.00049	.00138	.00007	-.00015	-.00029
#3	.00020	.00101	.00006	-.00039	.00107	.00007	.00014	-.00013

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00107	-.00023	-.00285	.00001	-.00079	.02401	-.00072	.00182
Stddev	.00004	.00002	.00029	.00010	.00033	.00049	.00009	.00014
%RSD	3.5874	9.2336	10.222	1928.1	42.030	2.0279	13.058	7.8277

#1	-.00104	-.00021	-.00309	-.00001	-.00062	.02349	-.00077	.00198
#2	-.00111	-.00024	-.00294	-.00008	-.00117	.02409	-.00061	.00178
#3	-.00106	-.00025	-.00253	.00011	-.00057	.02446	-.00077	.00171

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	.00030	.00062	.02237	.00025	.00150	.00396	-.00252	
Stddev	.00026	.00005	.00058	.00013	.00032	.00073	.00044	
%RSD	87.399	7.2804	2.5866	53.450	21.430	18.412	17.627	

#1	.00007	.00062	.02280	.00010	.00175	.00423	-.00259	
#2	.00025	.00057	.02260	.00035	.00161	.00313	-.00204	
#3	.00058	.00067	.02171	.00031	.00114	.00451	-.00292	

Sample Name: S0 Acquired: 7/6/2017 14:22:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S0 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	1121.8	1656.8	47021.	6558.1	3259.7
Stddev	12.0	14.0	328.	5.2	20.0
%RSD	1.0725	.84602	.69696	.07886	.61497
#1	1122.4	1649.7	47124.	6564.1	3251.1
#2	1109.5	1647.8	46655.	6555.5	3245.4
#3	1133.5	1673.0	47286.	6554.8	3282.6

Sample Name: S1 Acquired: 7/6/2017 14:26:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S1 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	.00037	.00172	.00225	.00287	.01490	.02101	1.0703	.01769
Stddev	.00006	.00015	.00008	.00003	.00018	.00044	.0016	.00041
%RSD	16.408	8.5027	3.5806	1.1394	1.2113	2.0961	.14652	2.3332

#1	.00034	.00157	.00228	.00285	.01475	.02117	1.0688	.01722
#2	.00034	.00186	.00216	.00286	.01510	.02051	1.0703	.01790
#3	.00044	.00173	.00231	.00291	.01484	.02135	1.0719	.01796

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	.00689	.22461	.00137	.03613	.00805	.00169	.00468	.03207
Stddev	.00003	.00124	.00005	.00030	.00039	.00011	.00011	.00017
%RSD	.38176	.55159	3.5395	.84409	4.7915	6.6594	2.3492	.53543

#1	.00692	.22321	.00142	.03645	.00837	.00171	.00460	.03191
#2	.00686	.22506	.00137	.03584	.00762	.00157	.00480	.03225
#3	.00688	.22556	.00132	.03610	.00814	.00179	.00463	.03204

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	.02152	.00231	.05376	.00455	.00489	.25787	-.00015	.00619
Stddev	.00029	.00006	.00115	.00031	.00025	.00039	.00010	.00032
%RSD	1.3587	2.6148	2.1354	6.7546	5.0175	.15021	65.850	5.1139

#1	.02173	.00233	.05286	.00452	.00517	.25827	-.00004	.00629
#2	.02164	.00224	.05337	.00487	.00470	.25750	-.00016	.00644
#3	.02119	.00236	.05505	.00426	.00479	.25783	-.00023	.00583

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	.00887	.00264	.04996	.00073	.05248	.10341	1.2978	
Stddev	.00023	.00009	.00190	.00018	.00021	.00097	.0019	
%RSD	2.6390	3.4605	3.7966	25.320	.40477	.93753	.14346	

#1	.00885	.00262	.05214	.00086	.05264	.10442	1.2999	
#2	.00911	.00255	.04907	.00052	.05224	.10331	1.2967	
#3	.00865	.00273	.04867	.00080	.05257	.10249	1.2967	

Sample Name: S1 Acquired: 7/6/2017 14:26:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S1 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	1111.6	1635.1	46067.	6529.4	3121.2
Stddev	4.1	10.0	129.	16.1	11.7
%RSD	.37321	.61196	.27932	.24602	.37415
#1	1108.1	1630.1	46174.	6515.8	3110.7
#2	1110.6	1628.6	46102.	6525.3	3119.0
#3	1116.2	1646.6	45924.	6547.1	3133.8

Sample Name: S2 Acquired: 7/6/2017 14:30:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S2 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	.07338	.09118	1.1563	.08414	.29117	3.7814	13.972	.44033
Stddev	.00079	.00063	.0094	.00066	.00225	.0081	.033	.00156
%RSD	1.0734	.69495	.81135	.78626	.77174	.21328	.23878	.35381

#1	.07414	.09124	1.1633	.08447	.29289	3.7905	13.958	.44212
#2	.07257	.09052	1.1456	.08338	.28863	3.7751	13.948	.43951
#3	.07342	.09179	1.1601	.08457	.29200	3.7787	14.010	.43934

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	.78372	2.6971	.43006	.44955	.97017	.56383	1.1419	.38752
Stddev	.00537	.0173	.00079	.00359	.00326	.00194	.0084	.00136
%RSD	.68547	.64183	.18419	.79811	.33616	.34424	.73780	.35116

#1	.78825	2.7077	.43094	.45179	.97369	.56539	1.1500	.38897
#2	.77779	2.7065	.42981	.44541	.96725	.56445	1.1425	.38732
#3	.78513	2.6771	.42942	.45146	.96957	.56166	1.1331	.38626

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	.33693	.07483	.41371	.05417	.34717	1.7248	.04528	.49025
Stddev	.00215	.00002	.00213	.00059	.00328	.0034	.00037	.00203
%RSD	.63871	.02827	.51462	1.0972	.94548	.19626	.82346	.41347

#1	.33806	.07484	.41469	.05484	.34513	1.7287	.04539	.49228
#2	.33445	.07480	.41127	.05371	.35096	1.7229	.04486	.48822
#3	.33828	.07483	.41518	.05397	.34542	1.7228	.04558	.49025

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	.94086	.00761	.49611	.11124	.60457	2.4657	15.178	
Stddev	.00840	.00009	.00371	.00103	.00241	.0118	.021	
%RSD	.89238	1.1776	.74776	.92930	.39943	.47998	.13616	

#1	.94566	.00772	.50036	.11181	.60671	2.4777	15.199	
#2	.93117	.00758	.49355	.11005	.60505	2.4540	15.177	
#3	.94577	.00754	.49442	.11187	.60195	2.4654	15.158	

Sample Name: S2 Acquired: 7/6/2017 14:30:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S2 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	1048.9	1529.6	43682.	6339.1	2646.3
Stddev	8.6	13.2	147.	21.4	19.6
%RSD	.81520	.86190	.33723	.33792	.74051
#1	1052.1	1521.4	43740.	6315.7	2630.8
#2	1039.2	1544.8	43515.	6343.8	2668.3
#3	1055.3	1522.6	43792.	6357.8	2639.8

Sample Name: S3 Acquired: 7/6/2017 14:34:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S3 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	.14867	.18114	2.3438	.16840	.58912	7.7355	28.093	.89882
Stddev	.00067	.00100	.0131	.00088	.00185	.0214	.073	.01182
%RSD	.45351	.55207	.55859	.52493	.31468	.27716	.25945	1.3155

#1	.14928	.18217	2.3508	.16769	.58744	7.7591	28.177	.91145
#2	.14879	.18109	2.3519	.16939	.59111	7.7172	28.057	.89700
#3	.14795	.18017	2.3287	.16811	.58882	7.7301	28.046	.88802

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	1.6164	5.6049	.84970	.92685	1.9406	1.1426	2.3178	.79770
Stddev	.0137	.0361	.00353	.00473	.0065	.0054	.0092	.00506
%RSD	.84724	.64487	.41534	.51043	.33431	.47592	.39652	.63381

#1	1.6294	5.6358	.85367	.93041	1.9480	1.1471	2.3238	.80334
#2	1.6178	5.6137	.84852	.92866	1.9358	1.1443	2.3224	.79618
#3	1.6021	5.5651	.84692	.92148	1.9380	1.1366	2.3072	.79358

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	.68769	.15580	.83891	.11002	.71250	3.4531	.09700	.98169
Stddev	.00449	.00039	.00093	.00137	.00294	.0099	.00075	.01042
%RSD	.65330	.25284	.11082	1.2480	.41203	.28762	.77474	1.0619

#1	.69099	.15569	.83899	.11023	.70921	3.4632	.09723	.99309
#2	.68951	.15547	.83794	.11127	.71485	3.4434	.09762	.97937
#3	.68258	.15624	.83980	.10855	.71345	3.4528	.09617	.97263

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	1.8758	.01557	.98539	.22860	1.2204	4.9593	30.356	
Stddev	.0041	.00027	.00734	.00125	.0013	.0134	.098	
%RSD	.21795	1.7324	.74493	.54773	.10799	.27017	.32319	

#1	1.8747	.01548	.99320	.22953	1.2211	4.9746	30.469	
#2	1.8803	.01587	.98433	.22909	1.2213	4.9500	30.297	
#3	1.8723	.01535	.97864	.22717	1.2189	4.9532	30.303	

Sample Name: S3 Acquired: 7/6/2017 14:34:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S3 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	1024.1	1472.4	42455.	6208.7	2430.6
Stddev	6.2	7.3	136.	44.6	6.1
%RSD	.60140	.49697	.32141	.71838	.25238
#1	1030.2	1480.8	42572.	6159.8	2434.2
#2	1017.9	1468.6	42488.	6219.2	2423.5
#3	1024.2	1467.7	42305.	6247.1	2434.1

Sample Name: S4 Acquired: 7/6/2017 14:38:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S4 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	.31645	.35742	4.7331	.35120	1.2499	16.539	57.158	1.8175
Stddev	.00107	.00297	.0032	.00225	.0052	.200	.545	.0060
%RSD	.33822	.83145	.06653	.63956	.41429	1.2077	.95401	.33039

#1	.31523	.35535	4.7367	.34866	1.2440	16.436	56.718	1.8164
#2	.31687	.35609	4.7319	.35203	1.2523	16.769	57.768	1.8240
#3	.31724	.36083	4.7307	.35291	1.2535	16.412	56.989	1.8121

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2741	11.316	1.6474	1.9180	4.1238	2.2519	4.5663	1.6366
Stddev	.0109	.122	.0040	.0025	.0546	.0211	.0429	.0157
%RSD	.33254	1.0744	.24357	.13127	1.3253	.93862	.93921	.96164

#1	3.2866	11.178	1.6465	1.9209	4.1139	2.2284	4.5195	1.6251
#2	3.2693	11.410	1.6519	1.9164	4.1827	2.2695	4.6038	1.6545
#3	3.2664	11.359	1.6440	1.9167	4.0747	2.2577	4.5755	1.6301

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	1.4002	.33771	1.7856	.21911	1.5147	7.4047	.21333	1.9440
Stddev	.0023	.00134	.0221	.00231	.0191	.0847	.00205	.0051
%RSD	.16145	.39803	1.2379	1.0562	1.2574	1.1432	.96309	.26369

#1	1.4027	.33619	1.7768	.21790	1.4929	7.3736	.21153	1.9389
#2	1.3983	.33819	1.8108	.22178	1.5277	7.5005	.21289	1.9491
#3	1.3996	.33875	1.7693	.21765	1.5236	7.3400	.21557	1.9441

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	3.8086	.03296	1.9690	.46962	2.4850	11.069	61.073	
Stddev	.0050	.00035	.0051	.00087	.0271	.146	.282	
%RSD	.13108	1.0630	.26054	.18438	1.0917	1.3225	.46228	

#1	3.8038	.03285	1.9681	.46908	2.4648	11.055	60.924	
#2	3.8082	.03268	1.9745	.46917	2.5158	11.223	61.399	
#3	3.8137	.03335	1.9644	.47062	2.4743	10.931	60.897	

Sample Name: S4 Acquired: 7/6/2017 14:38:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S4 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	911.38	1321.3	39074.	5892.2	2109.1
Stddev	8.05	5.6	213.	33.6	3.8
%RSD	.88334	.42160	.54546	.56970	.17921
#1	920.53	1327.8	39319.	5919.2	2112.7
#2	908.22	1318.5	38929.	5854.6	2109.6
#3	905.38	1317.8	38975.	5903.0	2105.1

Sample Name: S5 Acquired: 7/6/2017 14:42:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S5 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	.64048	.66667	9.1403	.69162	2.5302	33.488	112.24	3.6384
Stddev	.00350	.00042	.0113	.00236	.0139	.149	.84	.0102
%RSD	.54622	.06231	.12348	.34179	.54914	.44599	.74584	.27914

#1	.64112	.66619	9.1286	.69147	2.5389	33.316	111.91	3.6269
#2	.63670	.66684	9.1413	.68933	2.5142	33.584	111.61	3.6461
#3	.64361	.66697	9.1511	.69405	2.5376	33.564	113.19	3.6421

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3648	22.313	3.0784	3.7655	8.2739	4.3011	8.7566	3.1597
Stddev	.0142	.173	.0146	.0059	.0643	.0235	.0696	.0175
%RSD	.22294	.77513	.47471	.15653	.77661	.54675	.79514	.55412

#1	6.3524	22.449	3.0809	3.7588	8.2073	4.3184	8.8033	3.1620
#2	6.3803	22.118	3.0916	3.7681	8.3355	4.2743	8.6766	3.1412
#3	6.3618	22.372	3.0627	3.7697	8.2789	4.3106	8.7899	3.1760

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	2.6874	.72473	3.5486	.42305	3.1393	14.723	.44168	3.6507
Stddev	.0029	.00113	.0204	.00247	.0432	.133	.00149	.0067
%RSD	.10853	.15609	.57622	.58283	1.3753	.90211	.33677	.18384

#1	2.6847	.72344	3.5253	.42440	3.1642	14.576	.44094	3.6433
#2	2.6905	.72521	3.5566	.42020	3.0895	14.836	.44070	3.6564
#3	2.6869	.72554	3.5638	.42454	3.1643	14.756	.44339	3.6524

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.2983	.06638	3.7973	.90470	4.8139	22.063	116.74	
Stddev	.0241	.00026	.0144	.00148	.0095	.315	1.05	
%RSD	.32986	.38972	.38004	.16315	.19809	1.4264	.90069	

#1	7.2990	.06615	3.7811	.90335	4.8230	21.706	115.55	
#2	7.2739	.06666	3.8021	.90628	4.8040	22.298	117.54	
#3	7.3220	.06634	3.8088	.90447	4.8147	22.186	117.13	

Sample Name: S5 Acquired: 7/6/2017 14:42:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S5 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	843.22	1233.1	37451.	5790.1	1872.2
Stddev	7.04	6.3	53.	20.4	4.8
%RSD	.83497	.51419	.14226	.35158	.25630
#1	843.13	1228.8	37475.	5809.4	1869.1
#2	850.31	1240.4	37488.	5792.1	1877.8
#3	836.23	1230.2	37390.	5768.8	1869.8

Sample Name: S6 Acquired: 7/6/2017 14:46:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S6 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	86.507	35.716	10.890	4.8625	9.6045
Stddev	.940	.099	.031	.0087	.0386
%RSD	1.0862	.27619	.28887	.17976	.40138

#1	85.670	35.622	10.869	4.8655	9.6472
#2	87.523	35.819	10.926	4.8693	9.5939
#3	86.329	35.708	10.875	4.8526	9.5723

Int. Std.	Y_3710
Units	Cts/S
Avg	5554.3
Stddev	17.7
%RSD	.31953

#1	5541.2
#2	5547.3
#3	5574.5

Sample Name: ICV Acquired: 7/6/2017 14:51:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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	.9658254	1.125059	.9885474	1.003447	.9695252	2.326026
Stddev	.0056332	.004518	.0023602	.005829	.0046124	.004544
%RSD	.5832484	.4015492	.2387532	.5809142	.4757407	.1953501

#1	.9660305	1.126305	.9858643	1.009238	.9748219	2.321131
#2	.9713532	1.128823	.9894747	1.003522	.9673594	2.330109
#3	.9600925	1.120049	.9903030	.997581	.9663942	2.326838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4891290	.4707912	.4538257	9.922784	.5385693	.4672954
Stddev	.0012176	.0020766	.0007005	.045002	.0014264	.0007066
%RSD	.2489246	.4410903	.1543547	.4535256	.2648485	.1512090

#1	.4903803	.4731251	.4545833	9.932775	.5401725	.4665728
#2	.4879483	.4691478	.4536924	9.873626	.5380947	.4679848
#3	.4890583	.4701009	.4532014	9.961952	.5374406	.4673286

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4875772	5.527306	.5318240	6.086457	.4804020	.4593645
Stddev	.0002444	.018589	.0038085	.006223	.0013901	.0009182
%RSD	.0501346	.3363074	.7161208	.1022439	.2893609	.1998777

#1	.4876593	5.520891	.5316888	6.079831	.4787973	.4583536
#2	.4877700	5.512774	.5280850	6.092178	.4812368	.4601468
#3	.4873023	5.548253	.5356983	6.087361	.4811718	.4595931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.606250	.5200681	.9488291	9.250443	F -.014150	F -.007518
Stddev	.066986	.0053882	.0130153	.026193	.001445	.000673
%RSD	.6973187	1.036046	1.371717	.2831580	10.21010	8.955167

#1	9.681980	.5151251	.9486223	9.278610	-.015731	-.008290
#2	9.554753	.5192674	.9619465	9.245902	-.013823	-.007054
#3	9.582016	.5258118	.9359184	9.226818	-.012897	-.007209

Sample Name: ICV Acquired: 7/6/2017 14:51:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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 -.000150	.0022543	-.051371	F -.000926	.0002954	.0017924
Stddev	.000586	.0097107	.001226	.000259	.0003561	.0003811
%RSD	390.9714	430.7704	2.385638	28.01582	120.5374	21.26109

#1	.000524	-.005779	-.050333	-.000671	.0005120	.0017406
#2	-.000430	-.000504	-.051056	-.000917	.0004897	.0021967
#3	-.000543	.013046	-.052723	-.001190	-.000116	.0014398

Elem	Sr4077
Units	ppm
Avg	.0118749
Stddev	.0000689
%RSD	.5799325

#1	.0119544
#2	.0118329
#3	.0118373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1032.669	1523.356	43710.32	6309.807	2931.602
Stddev	4.313	2.538	70.88	18.089	5.554
%RSD	.4176625	.1666196	.1621488	.2866841	.1894529

#1	1034.755	1524.977	43788.23	6290.180	2936.952
#2	1035.542	1520.431	43693.06	6325.810	2925.864
#3	1027.709	1524.660	43649.67	6313.432	2931.989

Sample Name: ICB Acquired: 7/6/2017 14:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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	-.001111	.0022936	-.000538	.0008442	-.001012	.0010912	-.002197
Stddev	.002132	.0003494	.000702	.0007534	.001031	.0031870	.000257
%RSD	191.9468	15.23275	130.5366	89.24715	101.8588	292.0582	11.69619

#1	-.002253	.0024495	-.000900	-.000015	.000145	.0034655	-.002041
#2	.001349	.0018934	-.000986	.001154	-.001832	.0023391	-.002493
#3	-.002428	.0025379	.000271	.001393	-.001350	-.002531	-.002056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000368	-.000080	.0081660	-.000621	.0000833	-.000429	-.009129
Stddev	.0000461	.000053	.0078686	.000264	.0000956	.000981	.010050
%RSD	125.2628	66.13171	96.35855	42.45577	114.7651	228.8174	110.0906

#1	-.000014	-.000021	.0070751	-.000317	.0001916	.000675	.002423
#2	.000048	-.000122	.0165231	-.000764	.0000103	-.001198	-.015866
#3	.000076	-.000098	.0008997	-.000783	.0000481	-.000763	-.013943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000371	-.001431	.0004017	.0000307	-.114667	-.001361	.0031625
Stddev	.000192	.014446	.0004426	.0003436	.056331	.001347	.0073626
%RSD	51.67277	1009.508	110.1656	1119.260	49.12588	98.94668	232.8130

#1	-.000538	-.010040	.0008407	.0002826	-.177503	.000045	-.003033
#2	-.000413	.015246	-.000044	-.000361	-.097808	-.002641	.011302
#3	-.000162	-.009499	.000409	.000170	-.068691	-.001488	.001218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001176	-.000309	.0039979	.0002662	-.009337	-.052509	-.002010
Stddev	.005393	.001609	.0011343	.0002645	.007436	.000811	.001407
%RSD	458.6543	521.2145	28.37390	99.35988	79.64254	1.544919	69.98660

#1	-.006327	-.001339	.0029870	.0002014	-.005290	-.051601	-.000762
#2	.004430	-.001132	.0052247	.0000401	-.017919	-.052765	-.001734
#3	-.001630	.001545	.0037820	.0005571	-.004802	-.053162	-.003534

Sample Name: ICB Acquired: 7/6/2017 14:55:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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	.0004743	.0007695	-.000038
Stddev	.0006030	.0003211	.000039
%RSD	127.1377	41.72778	101.2982

#1	.0009605	.0008673	-.000018
#2	-.000200	.0004108	-.000013
#3	.000663	.0010302	-.000083

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1051.167	1547.393	44592.89	6270.651	3116.277
Stddev	5.061	20.955	30.26	28.170	44.576
%RSD	.4814616	1.354226	.0678693	.4492394	1.430423

#1	1047.591	1547.987	44582.98	6247.081	3125.553
#2	1056.958	1568.044	44626.86	6301.850	3155.486
#3	1048.951	1526.146	44568.82	6263.022	3067.793

Sample Name: ICSA Acquired: 7/6/2017 15:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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	.0021734	-.011361	.0031414	-.026768	.0002309	244.5556
Stddev	.0026269	.001620	.0021688	.006999	.0011689	.3035
%RSD	120.8622	14.25671	69.03955	26.14501	506.1391	.1241212

#1	-.000822	-.010418	.0011105	-.033001	.0002269	244.2946
#2	.004085	-.013231	.0054258	-.019197	-.000936	244.8887
#3	.003257	-.010434	.0028879	-.028107	.001402	244.4834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019734	.0008092	F .0071682	250.0115	.0491796	.0022848
Stddev	.0003610	.0000148	.0000712	.7762	.0059833	.0002647
%RSD	18.29472	1.834085	.9929941	.3104724	12.16626	11.58314

#1	.0021685	.0007942	.0072504	250.2038	.0464972	.0023819
#2	.0021948	.0008238	.0071272	249.1572	.0450069	.0024872
#3	.0015568	.0008097	.0071270	250.6735	.0560348	.0019853

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224878	105.4381	.0147356	269.9940	.0019022	-.000988
Stddev	.0007706	.2618	.0003530	.6245	.0005719	.000700
%RSD	3.426576	.2483128	2.395613	.2313137	30.06794	70.88852

#1	.0224876	105.4390	.0147863	269.4213	.0018691	-.000872
#2	.0232584	105.1758	.0143600	269.9008	.0024899	-.000353
#3	.0217173	105.6994	.0150605	270.6599	.0013475	-.001739

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4139650	-.000173	.0065049	-.066343	-.012946	F -.273723
Stddev	.0813357	.002743	.0063106	.014864	.003342	.004253
%RSD	19.64796	1582.885	97.01221	22.40486	25.81517	1.553884

#1	.5002020	.002121	.0038579	-.083506	-.015750	-.274246
#2	.3386303	-.003211	.0019490	-.057885	-.013841	-.269233
#3	.4030628	.000571	.0137079	-.057638	-.009248	-.277691

Sample Name: ICSA Acquired: 7/6/2017 15:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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	-.000485	.0430323	-.058313	-.001390	.0007607	.0018103
Stddev	.000286	.0217163	.001024	.001185	.0008774	.0001775
%RSD	58.99461	50.46521	1.755341	85.22849	115.3347	9.805755

#1	-.000735	.0586042	-.058863	-.001270	.0017258	.0020111
#2	-.000173	.0182247	-.058945	-.002630	.0005449	.0017453
#3	-.000546	.0522679	-.057132	-.000270	.0000114	.0016744

Elem	Sr4077
Units	ppm
Avg	.1014389
Stddev	.0001679
%RSD	.1654945

#1	.1012768
#2	.1016120
#3	.1014279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	910.8946	1388.758	38286.04	5951.190	2305.987
Stddev	76.2802	14.486	3030.68	18.920	16.702
%RSD	8.374208	1.043074	7.915886	.3179187	.7243055

#1	942.3100	1372.477	39669.66	5929.351	2287.516
#2	966.4503	1400.220	40377.97	5962.612	2320.027
#3	823.9234	1393.578	34810.49	5961.608	2310.418

Sample Name: ICSAB Acquired: 7/6/2017 15:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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	.0973624	.1047226	.0501209	.0250368	.5907299	251.6339
Stddev	.0020194	.0029943	.0009911	.0021466	.0011740	.7367
%RSD	2.074126	2.859238	1.977440	8.573601	.1987290	.2927597

#1	.0950404	.1079370	.0510373	.0263422	.5916455	252.1296
#2	.0987087	.1020126	.0490690	.0225594	.5911378	250.7874
#3	.0983380	.1042181	.0502563	.0262090	.5894064	251.9847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078165	.4941892	.9621920	256.5818	.5609193	.4960034
Stddev	.0002331	.0001148	.0024857	1.3029	.0041193	.0007808
%RSD	.0458959	.0232342	.2583410	.5077850	.7343791	.1574260

#1	.5077813	.4941035	.9649999	257.9245	.5569697	.4967841
#2	.5076031	.4941445	.9613034	256.4982	.5605987	.4952224
#3	.5080652	.4943197	.9602727	255.3227	.5651895	.4960038

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5369307	108.3334	.5614571	276.8918	.9709364	.2022611
Stddev	.0018119	.4166	.0020791	.1788	.0031967	.0004903
%RSD	.3374530	.3845921	.3703104	.0645903	.3292402	.2423991

#1	.5389789	108.7495	.5638461	276.9273	.9745553	.2023527
#2	.5362761	108.3347	.5604678	276.6979	.9697567	.2017315
#3	.5355371	107.9162	.5600573	277.0503	.9684971	.2026991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3824231	.5196456	1.002538	-.144647	-.022144	F -.076730
Stddev	.0347400	.0013703	.004328	.018536	.003517	.002470
%RSD	9.084186	.2636971	.4317435	12.81442	15.88283	3.219639

#1	.3808790	.5211917	1.003050	-.165005	-.021650	-.078410
#2	.3484809	.5185814	.997977	-.140188	-.018900	-.077887
#3	.4179095	.5191635	1.006588	-.128747	-.025881	-.073894

Sample Name: ICSAB Acquired: 7/6/2017 15:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) 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 .1818353	.0462574	.1210969	F .1660200	.1950900	.0013369
Stddev	.0028594	.0103872	.0020262	.0050415	.0030732	.0004614
%RSD	1.572544	22.45518	1.673228	3.036651	1.575255	34.51194
#1	.1846380	.0343019	.1212440	.1694802	.1983503	.0008155
#2	.1819455	.0530671	.1230455	.1683439	.1946731	.0015027
#3	.1789223	.0514032	.1190011	.1602357	.1922465	.0016924

Elem	Sr4077
Units	ppm
Avg	.1041255
Stddev	.0001257
%RSD	.1207634
#1	.1041428
#2	.1039920
#3	.1042417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.8544	1356.819	39131.96	5860.962	2272.345
Stddev	4.5308	1.266	49.68	16.335	5.342
%RSD	.4888374	.0933313	.1269624	.2787064	.2350733
#1	922.2622	1355.413	39082.10	5842.103	2266.282
#2	926.9799	1357.869	39181.47	5870.077	2276.359
#3	931.3212	1357.175	39132.31	5870.705	2274.394

Sample Name: CCV083 Acquired: 7/6/2017 15:11:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.029910	4.669255	23.93581	4.883277	4.971659	410.3153
Stddev	.029458	.030084	.02659	.020807	.021016	1.6661
%RSD	.5856507	.6443092	.1111036	.4260846	.4227250	.4060475

#1	5.045041	4.675888	23.92737	4.890984	4.994730	412.2385
#2	5.048726	4.695469	23.96559	4.899132	4.966640	409.3947
#3	4.995961	4.636407	23.91445	4.859717	4.953606	409.3127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.900034	.4961707	2.467159	427.4388	14.77990	2.503738
Stddev	.014894	.0021253	.005103	1.3865	.34496	.006852
%RSD	.1504478	.4283453	.2068197	.3243636	2.333953	.2736790

#1	9.907335	.4986232	2.461402	426.9292	14.90338	2.496039
#2	9.909869	.4950218	2.471125	429.0079	14.39019	2.509167
#3	9.882898	.4948670	2.468950	426.3793	15.04611	2.506008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.49445	424.2807	15.31542	429.9902	2.431537	1.367310
Stddev	.09086	1.0147	.03827	1.2332	.003138	.029303
%RSD	.5864125	.2391606	.2498915	.2868059	.1290390	2.143088

#1	15.59452	423.9326	15.33632	430.9117	2.430114	1.374009
#2	15.47171	425.4237	15.33869	430.4696	2.435134	1.335238
#3	15.41712	423.4859	15.27125	428.5892	2.429363	1.392683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	413.2391	2.483388	15.84938	154.0543	5.111083	F 4.199041
Stddev	2.6844	.008722	.37339	1.2184	.065375	.015108
%RSD	.6495926	.3512038	2.355864	.7908792	1.279084	.3598024

#1	416.2987	2.477365	15.93703	155.4449	5.124582	4.213438
#2	412.1395	2.479408	15.43996	153.5439	5.168655	4.200375
#3	411.2791	2.493390	16.17114	153.1741	5.040012	4.183310

Sample Name: CCV083 Acquired: 7/6/2017 15:11:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945134	4.945708	4.973527	4.760789	5.077412	5.358107
Stddev	.003780	.040394	.018622	.011507	.005935	.063503
%RSD	.0764393	.8167569	.3744232	.2416993	.1168969	1.185178

#1	4.945777	4.943909	4.992967	4.766423	5.084142	5.431422
#2	4.941074	4.986971	4.955848	4.768393	5.075164	5.320295
#3	4.948552	4.906243	4.971765	4.747551	5.072928	5.322604

Elem	Sr4077
Units	ppm
Avg	5.099640
Stddev	.012151
%RSD	.2382810

#1	5.110174
#2	5.102400
#3	5.086346

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	829.6085	1233.591	36529.49	5661.493	1885.350
Stddev	15.8942	3.981	736.39	17.827	5.774
%RSD	1.915862	.3226768	2.015889	.3148772	.3062335

#1	822.0958	1228.998	36328.06	5647.244	1879.286
#2	847.8664	1236.023	37345.64	5655.752	1885.985
#3	818.8634	1235.753	35914.78	5681.483	1890.780

Sample Name: CCB083 Acquired: 7/6/2017 15:16:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000292	.0058546	.0004649	.0000445	-.000040	.0163045	-.002652
Stddev	.001549	.0019161	.0004948	.0023188	.000718	.0052085	.000109
%RSD	530.5165	32.72815	106.4310	5214.913	1799.794	31.94529	4.098991

#1	-.002077	.0078580	.0005722	.0014779	.000524	.0102918	-.002700
#2	.000502	.0056662	.0008973	.0012862	.000204	.0191890	-.002528
#3	.000699	.0040397	-.000075	-.002631	-.000848	.0194325	-.002730

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000913	.0000310	.0178286	-.000104	.0000134	.0009846	.0123717
Stddev	.0000636	.0000629	.0066251	.000462	.0002501	.0008187	.0036592
%RSD	69.68499	202.7228	37.16012	444.2115	1872.323	83.14753	29.57757

#1	.0001226	.0000580	.0239624	-.000611	-.000218	.0000442	.0087316
#2	.0001333	-.000041	.0187208	.000291	-.000021	.0013712	.0160497
#3	.0000181	.000076	.0108026	.000008	.000279	.0015384	.0123337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008691	.0154510	.0003124	.0002300	-.079188	.0004760	.0009453
Stddev	.0004033	.0172722	.0000365	.0000871	.065028	.0013639	.0115943
%RSD	46.40254	111.7872	11.68739	37.88587	82.11767	286.5053	1226.556

#1	.0011740	.0060845	.0003097	.0002435	-.116403	-.000572	-.012265
#2	.0004118	.0048852	.0002773	.0003096	-.004102	.002018	.009434
#3	.0010215	.0353831	.0003502	.0001369	-.117060	-.000018	.005667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029987	.0003449	.0061866	.0008484	-.018265	-.054124	-.000693
Stddev	.011941	.0031112	.0001623	.0003462	.013723	.000516	.000033
%RSD	39.81942	902.0788	2.624149	40.80106	75.13390	.9527119	4.808961

#1	-.016985	.0035880	.0063710	.0004714	-.031627	-.054268	-.000725
#2	-.040462	.0000616	.0061236	.0011520	-.018961	-.053552	-.000658
#3	-.032513	-.002615	.0060652	.0009218	-.004207	-.054553	-.000696

Sample Name: CCB083 Acquired: 7/6/2017 15:16:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008980	.0007707	.0001990
Stddev	.0005933	.0000877	.0000293
%RSD	66.06251	11.37249	14.71318

#1	.0015646	.0007045	.0001694
#2	.0004281	.0007374	.0001996
#3	.0007014	.0008701	.0002279

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1046.972	1555.874	44620.52	6302.624	3176.779
Stddev	6.351	.407	100.92	17.792	5.591
%RSD	.6065992	.0261431	.2261773	.2822933	.1759994

#1	1044.744	1555.509	44593.99	6285.713	3170.401
#2	1054.137	1556.313	44732.06	6300.977	3179.107
#3	1042.036	1555.799	44535.52	6321.182	3180.830

Sample Name: I3770-20 Acquired: 7/6/2017 15:20:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4X69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009189	.0015103	.0017087	-.000440	-.001996	.0866554	.0249347
Stddev	.0041533	.0001772	.0019438	.002622	.000295	.0089480	.0004107
%RSD	451.9610	11.73002	113.7608	595.4251	14.79351	10.32594	1.647025

#1	.0049314	.0013602	.0036969	.001897	-.002337	.0838658	.0253025
#2	.0011876	.0017057	.0016166	-.003276	-.001815	.0794345	.0244915
#3	-.003362	.0014650	-.000187	.000058	-.001836	.0966658	.0250100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002103	.0001048	58.95792	.0038107	.0006731	.0182487	3.339470
Stddev	.0001167	.0000278	.30985	.0005332	.0003932	.0018435	.016088
%RSD	55.49376	26.50019	.5255434	13.99319	58.41477	10.10204	.4817655

#1	.0001709	.0001257	59.06577	.0040686	.0004511	.0175797	3.327194
#2	.0001184	.0000733	59.19943	.0041658	.0004411	.0168331	3.357683
#3	.0003415	.0001155	58.60855	.0031975	.0011271	.0203333	3.333531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1654856	33.01575	.0077425	.0003644	113.8821	.0002722	1.304961
Stddev	.0016416	.13228	.0005322	.0002929	.2016	.0008779	.028243
%RSD	.9919635	.4006688	6.873829	80.36387	.1770463	322.4558	2.164251

#1	.1673803	32.96456	.0079952	.0003745	113.7829	.0010946	1.272364
#2	.1645882	32.91672	.0081013	.0000667	113.7493	-.000652	1.322111
#3	.1644884	33.16598	.0071310	.0006522	114.1141	.000374	1.320408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6855576	.0092215	.0336135	.0136280	245.2705	3.962392	-.001876
Stddev	.0078287	.0033808	.0002747	.0006320	6.0219	.025358	.001283
%RSD	1.141942	36.66177	.8173191	4.637575	2.455226	.6399768	68.38904

#1	.6880064	.0079269	.0333081	.0131479	239.0416	3.934823	-.003353
#2	.6767973	.0066794	.0336918	.0143440	251.0616	3.984721	-.001243
#3	.6918692	.0130583	.0338406	.0133921	245.7081	3.967633	-.001033

Sample Name: I3770-20 Acquired: 7/6/2017 15:20:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4X69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009971	.0230499	1.890856
Stddev	.0010993	.0004860	.002442
%RSD	110.2532	2.108474	.1291684

#1	-.000115	.0225517	1.891948
#2	.002084	.0230753	1.888058
#3	.001022	.0235227	1.892562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.4026	1387.988	40516.27	6171.581	2595.686
Stddev	13.2537	38.996	239.22	13.028	66.626
%RSD	1.387234	2.809564	.5904277	.2110959	2.566790

#1	970.2433	1430.119	40790.79	6186.623	2665.765
#2	944.7458	1353.159	40352.42	6164.218	2533.156
#3	951.2188	1380.685	40405.60	6163.901	2588.137

Sample Name: I3773-06 Acquired: 7/6/2017 15:24:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4X86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001246	.0015824	.0013214	.0003342	-.000967	.0248803	.0226023
Stddev	.002037	.0027536	.0022419	.0027725	.001453	.0027714	.0001813
%RSD	163.4932	174.0087	169.6562	829.6601	150.3664	11.13903	.8023118

#1	-.003265	-.001164	.0014858	.0012155	-.000523	.0216890	.0227668
#2	.000808	.001569	.0034766	.0025590	.000213	.0266824	.0226323
#3	-.001281	.004343	-.000998	-.002772	-.002590	.0262694	.0224078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000096	-.000259	58.99460	.0016791	.0002192	.0097873	.2125564
Stddev	.0000250	.000089	.93106	.0006123	.0001822	.0002571	.0076254
%RSD	261.3927	34.48270	1.578211	36.46641	83.12256	2.627330	3.587464

#1	-.000017	-.000156	57.95415	.0013625	.0000821	.0094908	.2212413
#2	.000012	-.000307	59.28038	.0023850	.0001495	.0099487	.2094690
#3	.000033	-.000314	59.74927	.0012900	.0004260	.0099225	.2069588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1501423	33.71603	.0064144	.0002933	116.7003	-.002142	1.124464
Stddev	.0017406	.06845	.0004510	.0000296	.2096	.000674	.022969
%RSD	1.159277	.2030149	7.031113	10.08256	.1796420	31.48411	2.042692

#1	.1482097	33.64045	.0068856	.0003270	116.9147	-.001412	1.111139
#2	.1515866	33.73378	.0063706	.0002814	116.4958	-.002742	1.111266
#3	.1506305	33.77385	.0059868	.0002716	116.6902	-.002273	1.150986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7107175	.0003140	.0430023	.0140831	247.0895	3.807584	-.005151
Stddev	.0104249	.0020313	.0007632	.0003344	.8137	.009831	.001102
%RSD	1.466809	646.8240	1.774847	2.374418	.3293224	.2581998	21.39705

#1	.7051390	-.000382	.0423276	.0144165	247.0973	3.811457	-.004441
#2	.7042689	.002602	.0438306	.0140851	247.8993	3.814888	-.004592
#3	.7227446	-.001278	.0428487	.0137478	246.2719	3.796406	-.006421

Sample Name: I3773-06 Acquired: 7/6/2017 15:24:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4X86 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007613	.0236988	1.921819
Stddev	.0000924	.0005541	.001082
%RSD	12.14160	2.337931	.0562957

#1	.0006988	.0236511	1.922672
#2	.0008675	.0242752	1.922184
#3	.0007176	.0231702	1.920602

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.9526	1357.081	39858.98	6083.492	2569.293
Stddev	10.0086	8.409	193.86	18.736	8.172
%RSD	1.076244	.6196054	.4863751	.3079755	.3180778

#1	930.6555	1366.425	39884.68	6104.592	2578.725
#2	939.5912	1354.695	40038.71	6068.807	2564.318
#3	919.6112	1350.123	39653.55	6077.075	2564.836

Sample Name: PB100358BL Acquired: 7/6/2017 15:28:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000631	.0031399	-.000544	-.000338	-.000339	-.004213	-.003886
Stddev	.003801	.0005253	.000749	.000927	.000073	.001673	.000326
%RSD	601.9849	16.72798	137.7801	274.6102	21.62668	39.69512	8.384533

#1	.002273	.0036054	-.000424	-.000701	-.000292	-.004321	-.003928
#2	-.004933	.0032440	.000139	.000716	-.000300	-.005830	-.003541
#3	.000766	.0025705	-.001345	-.001028	-.000423	-.002490	-.004188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000690	-.000057	.0009954	.0000004	-.000111	.0016632	-.006332
Stddev	.0001061	.000114	.0120410	.0002713	.000048	.0001874	.006354
%RSD	153.6217	199.7068	1209.670	61935.91	43.72179	11.26613	100.3476

#1	.0001633	-.000172	.0085827	-.000207	-.000055	.0018025	-.000226
#2	.0000896	-.000055	-.012888	.000308	-.000136	.0017368	-.005861
#3	-.000046	.000056	.007292	-.000100	-.000141	.0014502	-.012907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	.0112888	.0003774	.0002298	-.117740	.0001588	.0016793
Stddev	.000541	.0127158	.0002696	.0001862	.055417	.0013117	.0100170
%RSD	625.1191	112.6404	71.43943	81.03730	47.06710	825.9554	596.5004

#1	.000528	.0086927	.0004692	.0000983	-.053751	-.000989	.0125425
#2	-.000293	.0000715	.0005892	.0001483	-.149521	.001588	-.000312
#3	-.000495	.0251024	.0000739	.0004429	-.149948	-.000123	-.007192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046462	-.000709	.0008215	.0001139	.0252311	-.045057	-.001134
Stddev	.003299	.000425	.0007178	.0001072	.0169896	.013869	.001101
%RSD	7.099693	59.97724	87.37307	94.09040	67.33593	30.78109	97.12525

#1	-.048289	-.000219	.0011568	.0002083	.0135084	-.053248	-.000357
#2	-.042654	-.000984	-.000003	-.000003	.0174697	-.052879	-.002394
#3	-.048443	-.000923	.001310	.000136	.0447153	-.029044	-.000650

Sample Name: PB100358BL Acquired: 7/6/2017 15:28:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006441	-.000045	.0001210
Stddev	.0003606	.000258	.0000661
%RSD	55.98270	576.2285	54.60414

#1	.0009064	-.000196	.0001973
#2	.0007931	.000253	.0000810
#3	.0002329	-.000192	.0000847

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.0226	1530.594	43126.54	6126.621	3154.649
Stddev	9.3186	58.433	120.96	46.218	108.729
%RSD	.9337095	3.817652	.2804853	.7543731	3.446612

#1	987.2631	1556.632	43165.56	6073.943	3219.044
#2	1003.509	1463.668	43223.18	6145.557	3029.114
#3	1003.296	1571.481	42990.88	6160.363	3215.788

Sample Name: PB100358BS Acquired: 7/6/2017 15:32:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216199	.0597650	.0201778	.0721187	.1215858	.3919906
Stddev	.0027865	.0013146	.0003824	.0010260	.0009664	.0039096
%RSD	12.88833	2.199568	1.895268	1.422680	.7948238	.9973789

#1	.0184606	.0582945	.0197512	.0732447	.1227017	.3948471
#2	.0237271	.0608264	.0204900	.0718747	.1210292	.3935898
#3	.0226721	.0601742	.0202920	.0712367	.1210265	.3875349

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3967384	.0104417	.0093265	9.789497	.0228834	.0929293
Stddev	.0028707	.0002122	.0000980	.060849	.0006960	.0003201
%RSD	.7235749	2.031704	1.050992	.6215692	3.041701	.3444517

#1	.3998470	.0105253	.0092394	9.724786	.0230705	.0926527
#2	.3941875	.0105993	.0094326	9.845557	.0234668	.0932799
#3	.3961805	.0102005	.0093077	9.798149	.0221129	.0928553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504443	.2178376	.0324156	10.59779	.0765142	.0206287
Stddev	.0020893	.0092656	.0010586	.02180	.0005556	.0002588
%RSD	4.141792	4.253432	3.265623	.2057159	.7261004	1.254541

#1	.0525126	.2108558	.0335551	10.62229	.0761932	.0209218
#2	.0504858	.2283493	.0314628	10.58055	.0771557	.0205327
#3	.0483346	.2143077	.0322289	10.59052	.0761936	.0204316

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10448	.1017175	.1120289	9.397704	.0249301	F .0229508
Stddev	.05853	.0004920	.0153362	.117408	.0013432	.0000980
%RSD	.5792304	.4836529	13.68953	1.249327	5.387953	.4271107

#1	10.17184	.1021951	.0954282	9.533239	.0236154	.0230431
#2	10.06606	.1017451	.1149895	9.332651	.0263002	.0228479
#3	10.07554	.1012123	.1256689	9.327223	.0248746	.0229614

Sample Name: PB100358BS Acquired: 7/6/2017 15:32:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229728	.5852766	.1588777	F .0113981	.2069814	.1035875
Stddev	.0000418	.0190754	.0017351	.0013483	.0010511	.0013228
%RSD	.1819205	3.259212	1.092114	11.82887	.5078152	1.276997

#1	.0230195	.5771920	.1572868	.0113127	.2079996	.1051034
#2	.0229389	.6070629	.1607279	.0100945	.2059002	.1029914
#3	.0229600	.5715749	.1586185	.0127870	.2070443	.1026676

Elem	Sr4077
Units	ppm
Avg	.2106583
Stddev	.0011406
%RSD	.5414345

#1	.2119648
#2	.2101491
#3	.2098610

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.361	1529.615	44286.56	6512.734	3040.731
Stddev	6.973	8.560	171.05	13.119	9.229
%RSD	.6670851	.5596113	.3862260	.2014341	.3035114

#1	1046.689	1521.797	44294.49	6522.979	3030.744
#2	1051.575	1538.761	44453.50	6497.948	3048.944
#3	1037.819	1528.286	44111.68	6517.275	3042.505

Sample Name: I3918-01 Acquired: 7/6/2017 15:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047070	-.002081	.0012452	.0017033	-.003031	.0184017	.2776052
Stddev	.0040406	.001663	.0006706	.0021841	.000619	.0072606	.0006029
%RSD	85.84118	79.91835	53.85486	128.2240	20.42818	39.45632	.2171926

#1	.0005633	-.001162	.0016770	.0013097	-.003731	.0265701	.2769549
#2	.0086358	-.001080	.0004727	.0040574	-.002809	.0126819	.2777149
#3	.0049220	-.004001	.0015860	-.000257	-.002554	.0159533	.2781458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001026	-.000013	94.57497	.0002637	-.001467	.0008904	.7653033
Stddev	.0000496	.000041	.12559	.0003427	.000149	.0001519	.0147374
%RSD	48.34792	312.2150	.1327971	129.9690	10.13609	17.05497	1.925694

#1	.0001274	-.000060	94.70754	.0000532	-.001384	.0008257	.7822628
#2	.0000455	.000006	94.45778	.0000788	-.001638	.0010638	.7556100
#3	.0001349	.000015	94.55958	.0006591	-.001378	.0007816	.7580372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1997899	102.7599	-.000266	-.000053	89.95619	-.001413	.0231978
Stddev	.0007824	.3347	.000602	.000294	.13317	.001510	.0103385
%RSD	.3915915	.3257159	226.4507	550.7021	.1480407	106.8482	44.56688

#1	.2001827	102.7002	-.000729	-.000297	89.81486	-.003106	.0303647
#2	.1988890	102.4590	.000415	-.000137	90.07933	-.000926	.0113462
#3	.2002981	103.1204	-.000483	.000273	89.97437	-.000207	.0278825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.446897	.0015999	.0154211	.0013413	20.33010	6.551692	-.004663
Stddev	.028643	.0037164	.0005970	.0005470	.18053	.022500	.001904
%RSD	1.979637	232.2910	3.871537	40.78180	.8879776	.3434178	40.83764

#1	1.430249	.0009356	.0154271	.0018997	20.18081	6.550509	-.002495
#2	1.430472	-.001740	.0148211	.0013178	20.27875	6.574760	-.005427
#3	1.479972	.005604	.0160151	.0008064	20.53074	6.529808	-.006065

Sample Name: I3918-01 Acquired: 7/6/2017 15:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000152	.0228095	11.63162
Stddev	.000661	.0003870	.08701
%RSD	434.6455	1.696708	.7480258

#1	.000576	.0223724	11.53693
#2	-.000317	.0231087	11.70805
#3	-.000715	.0229474	11.64986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.0614	1384.636	40450.98	6224.998	2577.809
Stddev	7.3873	10.489	144.96	12.550	11.315
%RSD	.7775599	.7575308	.3583640	.2016020	.4389509

#1	955.9422	1394.634	40401.50	6211.034	2590.221
#2	952.4721	1385.559	40614.20	6228.624	2575.139
#3	941.7699	1373.717	40337.24	6235.335	2568.068

Sample Name: I3918-08 Acquired: 7/6/2017 15:49:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072485	-.002829	.0083370	.0024993	-.001337	.4048951	.0400139
Stddev	.0033317	.001762	.0021521	.0011493	.002204	.0015587	.0007158
%RSD	45.96399	62.27679	25.81384	45.98321	164.8156	.3849631	1.788916

#1	.0065760	-.002359	.0075938	.0037327	-.003384	.4052606	.0403844
#2	.0108652	-.001349	.0107622	.0014585	.000995	.4031862	.0391888
#3	.0043044	-.004777	.0066550	.0023068	-.001622	.4062386	.0404685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0001257	108.6977	.0023820	.0066485	.0060470	3.613688
Stddev	.000072	.0001301	.5207	.0003169	.0001884	.0004506	.014457
%RSD	175.2825	103.5201	.4790740	13.30355	2.832988	7.451245	.4000658

#1	.000015	.0000131	108.1057	.0022030	.0064941	.0060249	3.605471
#2	-.000016	.0002681	109.0847	.0027479	.0068583	.0056079	3.605212
#3	-.000122	.0000959	108.9029	.0021951	.0065931	.0065082	3.630381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.292246	13.60309	.0347687	.0001321	91.06321	-.001673	.0496880
Stddev	.014151	.12967	.0003412	.0001768	.22225	.001131	.0062168
%RSD	.3296924	.9532171	.9814284	133.8632	.2440636	67.59929	12.51166

#1	4.281664	13.48374	.0347857	.0000140	90.82370	-.001097	.0567915
#2	4.308320	13.74106	.0344192	.0000469	91.26279	-.000946	.0470330
#3	4.286755	13.58446	.0351010	.0003353	91.10312	-.002975	.0452396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.551480	.0894238	.0820787	.0038141	73.74210	6.162064	-.005534
Stddev	.028622	.0017398	.0010685	.0002381	.11865	.018130	.000728
%RSD	.5155747	1.945523	1.301775	6.242134	.1608950	.2942196	13.15340

#1	5.576992	.0874314	.0828066	.0039545	73.78840	6.156088	-.004712
#2	5.556920	.0906426	.0825775	.0039486	73.60728	6.182427	-.005793
#3	5.520528	.0901974	.0808520	.0035392	73.83061	6.147676	-.006097

Sample Name: I3918-08 Acquired: 7/6/2017 15:49:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0113679	.0006467	.4758731
Stddev	.0002359	.0003087	.0004561
%RSD	2.075274	47.73427	.0958423

#1	.0115273	.0005937	.4759254
#2	.0110969	.0003680	.4763009
#3	.0114794	.0009785	.4753932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.1484	1374.245	40411.08	6215.001	2592.699
Stddev	3.0236	2.320	92.59	17.815	2.921
%RSD	.3250685	.1688425	.2291283	.2866512	.1126687

#1	929.7203	1374.363	40337.98	6233.654	2591.389
#2	933.3633	1376.503	40515.20	6198.163	2596.046
#3	927.3617	1371.867	40380.05	6213.184	2590.662

Sample Name: I3918-09 Acquired: 7/6/2017 15:53:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030679	-.000278	.0015234	.0003346	-.000734	.8229792	.0107484
Stddev	.0028496	.001030	.0007489	.0041562	.000603	.0117387	.0003257
%RSD	92.88499	370.0291	49.16303	1242.041	82.13514	1.426363	3.030327

#1	.0007064	.000756	.0023076	.0049863	-.000509	.8204433	.0106613
#2	.0062331	-.001304	.0014470	-.000968	-.001416	.8127157	.0104751
#3	.0022643	-.000287	.0008156	-.003014	-.000276	.8357785	.0111088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001282	.0032575	24.28436	.0021168	.0002050	.0040586	2.304635
Stddev	.0000757	.0000739	.15856	.0004481	.0003249	.0008602	.027942
%RSD	59.05224	2.269771	.6529322	21.17062	158.4929	21.19385	1.212448

#1	.0001778	.0032195	24.14884	.0021933	.0004132	.0049914	2.291390
#2	.0000411	.0032103	24.24551	.0025218	-.000169	.0032968	2.285778
#3	.0001657	.0033427	24.45874	.0016353	.000371	.0038875	2.336737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1318719	3.592163	.0055485	.0000476	19.06836	-.000008	.6424696
Stddev	.0010792	.064690	.0002033	.0003019	.31902	.002553	.0062739
%RSD	.8183690	1.800854	3.663933	634.7091	1.673031	31280.23	.9765252

#1	.1306690	3.550174	.0054081	.0003880	19.02464	.002545	.6364044
#2	.1321914	3.559656	.0054557	-.000188	18.77346	-.002560	.6420712
#3	.1327553	3.666659	.0057816	-.000058	19.40699	-.000009	.6489332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.880717	.0434450	-.000879	.0010275	1.054326	3.271725	-.002250
Stddev	.015153	.0025422	.000485	.0002625	.002280	.021357	.000692
%RSD	.5260266	5.851440	55.13708	25.54785	.2162915	.6527815	30.74958

#1	2.873887	.0453285	-.000328	.0008387	1.053323	3.258406	-.003046
#2	2.870181	.0444531	-.001239	.0013273	1.052719	3.260410	-.001897
#3	2.898084	.0405534	-.001071	.0009165	1.056936	3.296359	-.001805

Sample Name: I3918-09 Acquired: 7/6/2017 15:53:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0062099	.0036969	.1575459
Stddev	.0005705	.0002299	.0018029
%RSD	9.187315	6.217672	1.144370

#1	.0057960	.0035234	.1563065
#2	.0059729	.0036096	.1567171
#3	.0068607	.0039576	.1596142

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.8085	1467.012	43282.22	6506.434	2942.137
Stddev	3.3416	10.321	80.04	43.375	9.673
%RSD	.3362446	.7035518	.1849291	.6666419	.3287849

#1	996.7591	1478.880	43372.61	6528.518	2952.441
#2	990.1798	1460.129	43220.31	6534.323	2940.719
#3	994.4865	1462.028	43253.75	6456.462	2933.251

Sample Name: I3918-10 Acquired: 7/6/2017 15:57:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001327	-.003793	.0003369	.0006496	-.002936	.1562584	.0138887
Stddev	.003113	.001265	.0020619	.0017631	.001332	.0018023	.0002759
%RSD	234.5301	33.34631	611.9257	271.4303	45.37632	1.153381	1.986370

#1	-.004719	-.002487	-.001773	-.000365	-.001561	.1563172	.0142016
#2	.001400	-.005013	.000436	-.000371	-.004221	.1544275	.0137840
#3	-.000663	-.003879	.002348	.002685	-.003024	.1580306	.0136805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000217	-.000069	305.7626	.0019459	.0040705	.0016367	.2774028
Stddev	.000051	.000129	1.2329	.0009484	.0001355	.0004621	.0097840
%RSD	23.37369	186.2136	.4032359	48.73496	3.328636	28.23218	3.526991

#1	-.000232	-.000034	307.1580	.0008631	.0040191	.0021597	.2847228
#2	-.000161	.000039	305.3097	.0023462	.0039681	.0014667	.2662903
#3	-.000259	-.000212	304.8202	.0026285	.0042241	.0012837	.2811952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.432002	30.29112	.0294927	-.000132	197.6486	-.005967	.0153486
Stddev	.010347	.18927	.0003997	.000161	2.0251	.003657	.0119351
%RSD	.1096966	.6248251	1.355327	122.0365	1.024576	61.28484	77.76015

#1	9.437463	30.08311	.0290396	-.000044	195.6539	-.002429	.0291146
#2	9.438473	30.45320	.0296431	-.000317	199.7027	-.009732	.0090305
#3	9.420069	30.33703	.0297954	-.000034	197.5893	-.005740	.0079007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.175083	.0106473	.0681554	.0011506	897.8120	7.043132	-.008905
Stddev	.102360	.0034166	.0008565	.0004732	10.2886	.058857	.001838
%RSD	1.657622	32.08887	1.256741	41.12823	1.145964	.8356622	20.64399

#1	6.064120	.0067589	.0673920	.0006348	900.0304	6.975216	-.010422
#2	6.265819	.0120142	.0679926	.0015646	906.8105	7.074919	-.009432
#3	6.195311	.0131687	.0690817	.0012525	886.5952	7.079260	-.006861

Sample Name: I3918-10 Acquired: 7/6/2017 15:57:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000299	.0112360	1.327854
Stddev	.000328	.0002352	.007040
%RSD	109.7579	2.093467	.5301546

#1	-.000274	.0109824	1.319909
#2	.000016	.0112788	1.333315
#3	-.000638	.0114470	1.330339

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.2141	1268.647	38095.17	6177.081	2323.548
Stddev	18.4710	14.679	425.05	18.408	20.106
%RSD	2.129929	1.157053	1.115764	.2980076	.8653356

#1	846.0739	1283.005	37614.43	6195.776	2338.890
#2	875.3345	1253.667	38249.91	6176.493	2300.786
#3	880.2337	1269.270	38421.18	6158.974	2330.969

Sample Name: I3918-11 Acquired: 7/6/2017 16:01:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004805	.0010618	.0004602	.0019860	-.001595	.1747340	.0287512
Stddev	.0015420	.0014267	.0009521	.0036537	.001095	.0038958	.0004636
%RSD	320.9381	134.3725	206.8585	183.9765	68.65236	2.229542	1.612488

#1	-.001273	.0000253	.0000511	-.001418	-.002820	.1703560	.0283145
#2	.001623	.0004710	.0015485	.001529	-.000709	.1778187	.0292377
#3	.001091	.0026890	-.000219	.005847	-.001258	.1760271	.0287013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002375	.0000290	29.18459	-.000054	-.000097	.0036346	1.607652
Stddev	.0000324	.0001321	.18115	.000511	.000132	.0006393	.007206
%RSD	13.66015	455.3257	.6207175	949.4063	135.7507	17.58854	.4482246

#1	.0002504	.0001621	29.32887	-.000430	.000029	.0037414	1.600547
#2	.0002005	.0000271	29.24362	-.000260	-.000234	.0042137	1.614954
#3	.0002614	-.000102	28.98129	.000528	-.000087	.0029486	1.607455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1781763	3.533606	.0019501	.0001094	82.33682	.0008916	.2893824
Stddev	.0025646	.035140	.0000845	.0000504	.56785	.0025669	.0026537
%RSD	1.439347	.9944530	4.331321	46.09475	.6896683	287.8811	.9170036

#1	.1810115	3.494804	.0020454	.0001348	81.69563	-.000420	.2884485
#2	.1774990	3.542732	.0019205	.0001420	82.53863	-.000755	.2923767
#3	.1760183	3.563284	.0018844	.0000513	82.77620	.003849	.2873219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.342524	.0366064	.0040866	.0001856	8.769507	2.656598	-.002524
Stddev	.029249	.0012419	.0006168	.0003891	.046874	.010127	.001213
%RSD	1.248622	3.392466	15.09283	209.6226	.5345088	.3812083	48.04711

#1	2.309514	.0379552	.0035058	-.000250	8.772194	2.645544	-.002828
#2	2.352841	.0355105	.0047340	.000307	8.721347	2.665428	-.003557
#3	2.365217	.0363534	.0040200	.000500	8.814979	2.658821	-.001189

Sample Name: I3918-11 Acquired: 7/6/2017 16:01:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0046187	.0007323	.7018013
Stddev	.0000724	.0001025	.0042309
%RSD	1.567544	13.99517	.6028703

#1	.0046961	.0007035	.6975712
#2	.0045526	.0008460	.7017995
#3	.0046073	.0006473	.7060331

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.6285	1377.501	41213.15	6402.374	2728.431
Stddev	7.7570	7.548	173.60	14.975	9.684
%RSD	.8398376	.5479711	.4212209	.2339022	.3549189

#1	919.7821	1371.887	41014.07	6416.076	2722.797
#2	932.5570	1374.533	41333.01	6404.657	2722.883
#3	918.5463	1386.082	41292.37	6386.388	2739.612

Sample Name: I3918-12 Acquired: 7/6/2017 16:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010145	.0003552	.0047084	.0006840	-.001523	1.924916	.0116230
Stddev	.0028159	.0010760	.0005777	.0026428	.001050	.006224	.0001881
%RSD	277.5790	302.9522	12.27028	386.3518	68.95906	.3233373	1.618287

#1	.0006460	-.000881	.0047330	.0021132	-.000403	1.931977	.0115802
#2	-.001599	.001081	.0052734	.0023045	-.002485	1.920228	.0118288
#3	.003996	.000866	.0041187	-.002366	-.001682	1.922543	.0114600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001881	.0001636	32.20004	.0037061	.0036949	.0065674	4.473976
Stddev	.0000532	.0000764	.12336	.0002148	.0001640	.0005465	.009754
%RSD	28.29696	46.70348	.3831025	5.796855	4.439635	8.321470	.2180119

#1	.0001663	.0002233	32.31019	.0039502	.0036735	.0059813	4.464181
#2	.0001492	.0000775	32.22318	.0035458	.0035427	.0066580	4.474060
#3	.0002487	.0001901	32.06675	.0036223	.0038686	.0070629	4.483688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6252234	8.514230	.0066774	.0001428	28.61025	.0006056	.0217107
Stddev	.0010565	.033337	.0003246	.0001880	.13947	.0035940	.0031333
%RSD	.1689745	.3915438	4.860400	131.6473	.4874895	593.4511	14.43196

#1	.6244491	8.501786	.0068043	.0002030	28.76762	.0029947	.0204148
#2	.6264269	8.551999	.0069192	.0002934	28.50193	.0023497	.0194333
#3	.6247943	8.488905	.0063085	-.000068	28.56120	-.003528	.0252841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.688636	.0976868	.0023183	.0006385	29.17963	4.566860	-.003168
Stddev	.023293	.0016501	.0006943	.0002185	.06886	.010753	.001006
%RSD	1.379412	1.689136	29.94849	34.21740	.2359970	.2354514	31.77237

#1	1.715371	.0992593	.0028680	.0008615	29.25253	4.578860	-.003750
#2	1.677816	.0978321	.0025489	.0006294	29.11568	4.558098	-.002006
#3	1.672720	.0959688	.0015381	.0004248	29.17068	4.563622	-.003747

Sample Name: I3918-12 Acquired: 7/6/2017 16:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XK9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0579179	.0029178	.3438047
Stddev	.0003789	.0002429	.0010809
%RSD	.6542214	8.325888	.3144008

#1	.0582099	.0031983	.3439739
#2	.0580542	.0027745	.3447910
#3	.0574897	.0027807	.3426492

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.7610	1463.645	43262.90	6490.757	2902.853
Stddev	2.7228	6.295	129.01	14.794	5.531
%RSD	.2728932	.4300958	.2981934	.2279207	.1905416

#1	995.9233	1458.199	43210.88	6478.046	2898.618
#2	996.4706	1462.198	43168.02	6487.230	2900.829
#3	1000.889	1470.537	43409.79	6506.996	2909.111

Sample Name: I3918-13 Acquired: 7/6/2017 16:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026236	-.002346	.0023118	-.001783	-.002675	.6563605	.0098096
Stddev	.0021702	.001280	.0005019	.002398	.000562	.0017072	.0005278
%RSD	82.71853	54.57601	21.71144	134.4647	21.01754	.2600990	5.380645

#1	.0040201	-.001311	.0018308	-.003629	-.002321	.6549100	.0100929
#2	.0001234	-.003778	.0028323	-.002647	-.003323	.6559296	.0092006
#3	.0037275	-.001948	.0022724	.000927	-.002381	.6582418	.0101352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001471	-.000098	72.15162	.0064067	.0004534	.0041532	1.539894
Stddev	.0000218	.000152	.55960	.0002045	.0002147	.0006058	.003828
%RSD	14.84818	155.5329	.7755836	3.191427	47.34685	14.58574	.2485881

#1	.0001228	-.000251	72.43578	.0066171	.0004384	.0048179	1.541902
#2	.0001651	.000054	72.51211	.0062088	.0006752	.0040092	1.542299
#3	.0001533	-.000097	71.50695	.0063941	.0002466	.0036323	1.535479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1140896	4.525473	.0060689	.0001240	22.32906	-.000741	.0406317
Stddev	.0013450	.051705	.0002565	.0002802	.07123	.001034	.0086117
%RSD	1.178900	1.142536	4.226838	226.1034	.3189868	139.6044	21.19449

#1	.1143685	4.482082	.0057797	.0002596	22.25275	-.001381	.0505578
#2	.1152733	4.582684	.0061580	-.000198	22.34065	.000452	.0361832
#3	.1126270	4.511654	.0062690	.000311	22.39379	-.001293	.0351540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.025985	.0536280	.0182489	.0004337	89.74653	2.895901	-.004518
Stddev	.045132	.0017337	.0003698	.0004558	1.02390	.007268	.001422
%RSD	1.121024	3.232836	2.026390	105.1038	1.140884	.2509894	31.48356

#1	4.013025	.0518341	.0186749	.0009299	89.89707	2.903716	-.005262
#2	3.988750	.0552945	.0180624	.0000336	90.68682	2.894644	-.002878
#3	4.076179	.0537554	.0180096	.0003376	88.65569	2.889343	-.005414

Sample Name: I3918-13 Acquired: 7/6/2017 16:09:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XL0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0173017	.0008587	.3686647
Stddev	.0007652	.0004666	.0006640
%RSD	4.422586	54.33130	.1801093

#1	.0174999	.0003249	.3684822
#2	.0164570	.0011887	.3681111
#3	.0179484	.0010626	.3694009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	977.2628	1447.290	42551.17	6432.661	2862.820
Stddev	9.5078	21.093	147.26	9.532	34.889
%RSD	.9728978	1.457412	.3460759	.1481773	1.218699

#1	984.0364	1433.486	42664.73	6443.343	2842.970
#2	981.3585	1436.815	42603.99	6429.618	2842.384
#3	966.3936	1471.571	42384.79	6425.023	2903.105

Sample Name: I3918-14 Acquired: 7/6/2017 16:14:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010267	.0001693	.0005874	.0028858	.0039529	.0131632	.0824870
Stddev	.0040323	.0010160	.0017582	.0017247	.0007684	.0055137	.0005444
%RSD	392.7392	600.2333	299.2989	59.76394	19.43795	41.88722	.6600000

#1	-.000604	.0002286	.0016431	.0043879	.0042527	.0159807	.0830356
#2	.005619	-.000875	-.001442	.0032672	.0045261	.0068100	.0819468
#3	-.001935	.001154	.001561	.0010024	.0030798	.0166988	.0824787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001466	-.000230	45.87667	-.000609	.0030861	.0042760	.5139695
Stddev	.0000386	.000151	.23774	.000765	.0003473	.0013127	.0155068
%RSD	26.32850	65.51535	.5182094	125.6163	11.25359	30.69850	3.017058

#1	.0001090	-.000184	45.93724	-.001339	.0029847	.0030025	.5066510
#2	.0001861	-.000107	46.07827	-.000673	.0034729	.0042010	.5034764
#3	.0001446	-.000398	45.61451	.000186	.0028009	.0056246	.5317811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6542495	40.71708	.0229747	.0004233	28.42216	-.002630	.0094921
Stddev	.0021120	.26304	.0000951	.0002743	.07169	.003269	.0021266
%RSD	.3228192	.6460307	.4141430	64.80218	.2522412	124.2570	22.40344

#1	.6535908	40.64961	.0230789	.0003151	28.39436	-.000872	.0081373
#2	.6566124	41.00728	.0229530	.0002197	28.50359	-.006402	.0119430
#3	.6525453	40.49434	.0228923	.0007353	28.36853	-.000618	.0083959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3942465	.0043843	.0179474	.0009379	25.06796	3.984873	-.004962
Stddev	.0040326	.0019313	.0011959	.0004557	.12045	.004256	.000539
%RSD	1.022873	44.05013	6.663548	48.58899	.4804781	.1067975	10.86800

#1	.3964935	.0023555	.0167040	.0004402	25.12082	3.980574	-.005269
#2	.3895909	.0045969	.0180487	.0013348	24.93012	3.984962	-.005277
#3	.3966550	.0062004	.0190894	.0010388	25.15293	3.989084	-.004339

Sample Name: I3918-14 Acquired: 7/6/2017 16:14:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000205	.0120440	4.753844
Stddev	.000389	.0003551	.008055
%RSD	189.6703	2.948112	.1694422

#1	.000137	.0116473	4.761933
#2	-.000123	.0121527	4.745823
#3	-.000629	.0123320	4.753774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.6365	1434.288	42244.00	6368.616	2811.293
Stddev	5.9637	7.392	468.21	4.451	12.240
%RSD	.6144129	.5153717	1.108336	.0698922	.4353921

#1	976.8548	1426.526	42716.22	6371.468	2798.244
#2	970.0897	1435.092	42235.85	6363.487	2813.114
#3	964.9650	1441.244	41779.92	6370.894	2822.520

Sample Name: I3918-15 Acquired: 7/6/2017 16:18:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006995	.0000793	.0015002	-.001356	-.002577	.0586089	.0849078
Stddev	.0007162	.0020850	.0016517	.006272	.000895	.0041019	.0002258
%RSD	102.3831	2629.153	110.0995	462.6754	34.71324	6.998839	.2659930

#1	.0012272	.0009567	-.000332	.005857	-.003119	.0586313	.0848359
#2	-.000116	-.002301	.002875	-.004399	-.001545	.0626996	.0851608
#3	.000987	.001582	.001958	-.005525	-.003069	.0544958	.0847266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001427	-.000159	108.9136	-.000203	-.001059	.0062582	.0768807
Stddev	.0000277	.000099	.3035	.000203	.000210	.0004259	.0068585
%RSD	19.44329	62.28166	.2786647	99.97091	19.87039	6.805504	8.920930

#1	.0001269	-.000165	108.8876	-.000316	-.001278	.0059692	.0813516
#2	.0001747	-.000057	109.2293	.000031	-.000858	.0060581	.0803062
#3	.0001264	-.000255	108.6239	-.000324	-.001043	.0067474	.0689842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247259	7.919141	.0009151	.0002730	44.72763	-.002544	.0167709
Stddev	.0007339	.018359	.0005388	.0000439	.31791	.000583	.0040835
%RSD	2.968218	.2318335	58.88247	16.07009	.7107603	22.92822	24.34878

#1	.0248222	7.906690	.0014673	.0002381	44.61829	-.002420	.0129176
#2	.0239485	7.940226	.0008872	.0003222	45.08577	-.002033	.0163440
#3	.0254068	7.910508	.0003907	.0002586	44.47882	-.003179	.0210510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886845	.0233345	.0168912	.0006722	26.01311	3.777831	-.005438
Stddev	.024572	.0013456	.0011079	.0000488	.15447	.017822	.001838
%RSD	.5028245	5.766388	6.559094	7.255455	.5938343	.4717442	33.80359

#1	4.868466	.0217877	.0180390	.0006868	26.14131	3.790400	-.003613
#2	4.914755	.0242351	.0158280	.0007120	25.84160	3.757435	-.007289
#3	4.877314	.0239806	.0168067	.0006178	26.05641	3.785657	-.005412

Sample Name: I3918-15 Acquired: 7/6/2017 16:18:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006703	-.000780	.5877759
Stddev	.0010437	.000286	.0014140
%RSD	155.7039	36.61343	.2405675

#1	.0017695	-.000613	.5878419
#2	-.000307	-.001110	.5891557
#3	.000549	-.000617	.5863301

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.4878	1418.296	41605.97	6379.205	2731.115
Stddev	8.0539	9.233	103.59	6.243	11.207
%RSD	.8420308	.6510050	.2489709	.0978678	.4103434

#1	957.3500	1428.290	41725.19	6372.733	2741.476
#2	948.0375	1416.518	41554.71	6379.691	2732.650
#3	964.0759	1410.082	41538.00	6385.191	2719.220

Sample Name: I3918-16 Acquired: 7/6/2017 16:22:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011068	-.000267	.0016450	-.001326	-.001129	.0051435	-.002681
Stddev	.0009788	.002272	.0009773	.002070	.000949	.0057182	.000518
%RSD	88.43185	851.4479	59.41468	156.0353	83.98874	111.1722	19.32991

#1	-.000013	-.001672	.0018559	-.000990	-.002211	.0104702	-.003251
#2	.001801	-.001483	.0005794	-.003543	-.000737	.0058591	-.002239
#3	.001532	.002354	.0024996	.000555	-.000440	-.000899	-.002552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000360	-.000110	.1089882	-.000658	-.000504	.0028505	-.011988
Stddev	.0000436	.000152	.0013685	.000485	.000140	.0004719	.004347
%RSD	121.1983	137.7979	1.255651	73.79507	27.78077	16.55403	36.25860

#1	.0000143	-.000173	.1074355	-.001145	-.000343	.0023245	-.006975
#2	.0000075	.000063	.1095102	-.000655	-.000584	.0029904	-.014275
#3	.0000863	-.000220	.1100189	-.000174	-.000586	.0032365	-.014715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005840	.0167330	-.000346	.0000642	191.2145	-.001201	.0000942
Stddev	.0000909	.0280249	.000321	.0001939	.2943	.001538	.0006509
%RSD	15.56064	167.4829	92.85445	302.0057	.1539120	128.0738	690.8454

#1	.0006645	.0001509	-.000041	.0001950	190.9066	-.000234	.0007663
#2	.0004854	.0490899	-.000316	-.000159	191.4930	-.002974	-.000533
#3	.0006021	.0009581	-.000680	.000156	191.2439	-.000394	.000050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.433731	.0038700	.0116551	.0004555	20.18439	5.785044	-.000760
Stddev	.002413	.0014624	.0013092	.0002056	.23279	.038171	.000983
%RSD	.5563909	37.78883	11.23322	45.13782	1.153335	.6598160	129.3064

#1	-.436493	.0055586	.0113015	.0005725	20.35930	5.745607	-.000258
#2	-.432669	.0030362	.0105590	.0002181	20.27372	5.787716	-.001893
#3	-.432030	.0030151	.0131048	.0005760	19.92017	5.821808	-.000130

Sample Name: I3918-16 Acquired: 7/6/2017 16:22:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010361	-.001284	.0020180
Stddev	.0003837	.000222	.0000551
%RSD	37.03378	17.26433	2.730026

#1	.0013852	-.001361	.0019688
#2	.0010978	-.001457	.0020775
#3	.0006253	-.001034	.0020078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	977.7218	1454.566	41508.90	6484.413	2714.233
Stddev	4.7693	8.967	117.29	16.796	23.616
%RSD	.4877965	.6164874	.2825733	.2590250	.8700800

#1	977.9620	1451.597	41376.18	6501.334	2700.895
#2	972.8369	1447.460	41551.86	6484.159	2700.303
#3	982.3664	1464.641	41598.65	6467.744	2741.500

Sample Name: I3918-17 Acquired: 7/6/2017 16:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000504	-.000067	.0013624	.0000317	-.002077	-.001355	-.003247
Stddev	.001524	.001273	.0015628	.0006124	.000855	.003453	.000385
%RSD	302.2111	1888.933	114.7073	1928.672	41.16955	254.8970	11.85173

#1	-.000678	-.000378	.0018555	-.000057	-.001987	.001580	-.002897
#2	-.001934	.001333	.0026191	.000684	-.002973	-.005159	-.003659
#3	.001099	-.001157	-.000387	-.000531	-.001270	-.000485	-.003184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000470	-.000164	.1303933	-.000619	-.000200	.0030377	-.004674
Stddev	.0000351	.000066	.0157438	.000578	.000409	.0003479	.007108
%RSD	74.77968	40.20466	12.07409	93.34168	204.8692	11.45430	152.0796

#1	.0000066	-.000221	.1299603	-.000906	-.000508	.0034394	-.006408
#2	.0000705	-.000180	.1463491	.000046	-.000356	.0028377	-.010755
#3	.0000638	-.000092	.1148704	-.000998	.000265	.0028359	.003141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004970	.0212875	.0002108	.0000167	187.9148	.0018913	.0007460
Stddev	.0003665	.0279816	.0000872	.0002735	.2212	.0020243	.0053199
%RSD	73.74774	131.4462	41.36536	1636.334	.1177330	107.0319	713.0812

#1	.0005103	.0105586	.0003033	-.000176	187.9577	.0027919	.0017034
#2	.0001240	.0002581	.0001990	.000330	188.1115	.0033091	-.004987
#3	.0008566	.0530459	.0001301	-.000104	187.6753	-.000427	.005522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.438141	.0020937	.0107345	.0003851	19.80913	5.635655	-.002243
Stddev	.005875	.0017669	.0006450	.0001239	.04932	.016891	.001305
%RSD	1.340791	84.39329	6.008343	32.18214	.2489627	.2997125	58.16787

#1	-.435979	.0036764	.0100163	.0004795	19.78155	5.616516	-.003292
#2	-.433655	.0024174	.0112641	.0004310	19.86607	5.648475	-.000782
#3	-.444791	.0001873	.0109231	.0002447	19.77977	5.641975	-.002655

Sample Name: I3918-17 Acquired: 7/6/2017 16:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010624	-.001519	.0019071
Stddev	.0001107	.000500	.0000440
%RSD	10.41827	32.95000	2.305413

#1	.0009472	-.001438	.0019575
#2	.0011679	-.001064	.0018766
#3	.0010721	-.002055	.0018872

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	973.7878	1435.589	41617.57	6482.692	2696.277
Stddev	7.4501	2.039	232.60	27.654	3.233
%RSD	.7650634	.1420297	.5589033	.4265825	.1199225

#1	967.4810	1437.662	41355.31	6497.153	2700.008
#2	982.0080	1435.519	41798.90	6450.805	2694.290
#3	971.8744	1433.585	41698.50	6500.116	2694.532

Sample Name: I3918-18 Acquired: 7/6/2017 16:30:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391489	.0672547	.0211732	.0509215	.1005032	1.850802	1.965941
Stddev	.0019805	.0007896	.0010619	.0049989	.0023987	.011705	.006395
%RSD	5.058995	1.174049	5.015209	9.816827	2.386684	.6324040	.3252666

#1	.0380092	.0670253	.0212901	.0549934	.1017338	1.861031	1.971591
#2	.0380017	.0666052	.0221718	.0453424	.0977390	1.853338	1.967234
#3	.0414358	.0681336	.0200577	.0524287	.1020369	1.838037	1.958999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466024	.0456166	.1470445	.2135619	.4766127	.2481417	1.091324
Stddev	.0004138	.0001885	.0123171	.0007630	.0006300	.0021200	.019791
%RSD	.8878360	.4131954	8.376423	.3572714	.1321930	.8543581	1.813497

#1	.0467997	.0458108	.1347510	.2126833	.4772746	.2505269	1.068631
#2	.0468805	.0456048	.1593850	.2139438	.4760203	.2474260	1.100336
#3	.0461269	.0454343	.1469976	.2140584	.4765432	.2464721	1.105006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5318116	.0076122	.4800121	.0248239	184.6578	.5122818	.5010707
Stddev	.0032990	.0201235	.0008067	.0004317	.1784	.0034459	.0159367
%RSD	.6203327	264.3573	.1680500	1.739063	.0966213	.6726555	3.180536

#1	.5333692	-.006732	.4799943	.0243275	184.8557	.5127445	.4951985
#2	.5280222	-.001047	.4792145	.0251111	184.6083	.5154730	.4889032
#3	.5340434	.030616	.4808275	.0250332	184.5093	.5086279	.5191103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.429095	-.006114	.0088233	.0000180	19.76271	5.602572	-.002036
Stddev	.019769	.002060	.0007633	.0001799	.04921	.035410	.001446
%RSD	4.607210	33.69914	8.650815	998.3713	.2490097	.6320331	70.99160

#1	-.410495	-.005405	.0086729	-.000103	19.71265	5.590233	-.001174
#2	-.426935	-.008435	.0081465	.000225	19.81103	5.642501	-.001229
#3	-.449856	-.004502	.0096506	-.000068	19.76444	5.574983	-.003705

Sample Name: I3918-18 Acquired: 7/6/2017 16:30:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010431	-.000974	.0020116
Stddev	.0001278	.000173	.0000533
%RSD	12.25248	17.73665	2.650107

#1	.0011533	-.001059	.0019513
#2	.0009030	-.001088	.0020522
#3	.0010731	-.000775	.0020315

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.3303	1440.836	41268.66	6527.233	2682.575
Stddev	14.0017	9.911	259.59	22.169	6.935
%RSD	1.451958	.6878624	.6290356	.3396332	.2585270

#1	959.1527	1438.915	41113.55	6510.235	2680.180
#2	980.1834	1451.566	41568.35	6519.157	2690.389
#3	953.6549	1432.026	41124.08	6552.308	2677.154

Sample Name: I3918-16LX5 Acquired: 7/6/2017 16:34:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012476	-.000512	-.000019	.0001397	-.001495	-.003106	-.003062
Stddev	.0012109	.001463	.000726	.0031049	.000739	.002969	.000116
%RSD	97.05990	285.7211	3846.155	2223.244	49.42951	95.61578	3.800273

#1	-.000014	.000958	.000816	.0029390	-.000655	-.005174	-.002978
#2	.002400	-.001968	-.000499	.0006798	-.001785	-.004439	-.003195
#3	.001356	-.000526	-.000373	-.003200	-.002045	.000297	-.003014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000466	-.000055	.0206071	-.000809	-.000027	.0011366	-.007004
Stddev	.0000215	.000023	.0088041	.000304	.000118	.0002507	.007082
%RSD	46.15082	42.40212	42.72357	37.60376	440.0597	22.05346	101.1144

#1	.0000382	-.000029	.0299853	-.000808	.000058	.0013447	-.002700
#2	.0000710	-.000073	.0125196	-.000505	.000024	.0012069	-.015177
#3	.0000305	-.000063	.0193164	-.001114	-.000162	.0008583	-.003134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000474	-.010940	.0003375	.0000974	38.33212	-.001393	.0009715
Stddev	.000706	.025006	.0001495	.0001373	.04274	.000158	.0084943
%RSD	148.8659	228.5868	44.30378	140.9166	.1114966	11.31916	874.3105

#1	-.000773	-.031007	.0004558	.0000225	38.37127	-.001222	.0029669
#2	-.000983	.017074	.0001694	.0002559	38.33856	-.001425	.0082905
#3	.000332	-.018886	.0003873	.0000139	38.28652	-.001533	-.008343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.129591	-.001646	.0001306	-.000011	3.707517	1.165154	-.001554
Stddev	.007826	.002502	.0002855	.000189	.015688	.005405	.000726
%RSD	6.039129	151.9796	218.5391	1654.151	.4231472	.4639036	46.71229

#1	-.136576	-.004481	.0003856	-.000214	3.723531	1.167364	-.002235
#2	-.131064	.000253	-.000178	.000018	3.692176	1.158994	-.001636
#3	-.121133	-.000710	.000184	.000162	3.706844	1.169105	-.000790

Sample Name: I3918-16LX5 Acquired: 7/6/2017 16:34:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012277	.0005824	.0003424
Stddev	.0002625	.0007600	.0000099
%RSD	21.38354	130.4915	2.878733

#1	.0014683	.0007416	.0003315
#2	.0009477	.0012501	.0003451
#3	.0012671	-.000245	.0003507

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.795	1534.831	43655.10	6450.954	3013.525
Stddev	9.599	2.150	135.46	5.839	7.536
%RSD	.9440636	.1401010	.3103039	.0905210	.2500820

#1	1020.984	1532.836	43733.20	6452.654	3007.183
#2	1005.813	1534.549	43498.68	6444.453	3011.536
#3	1023.586	1537.108	43733.43	6455.755	3021.856

Sample Name: I3918-06 Acquired: 7/6/2017 16:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275176	.0870165	.0881305	.0659716	.1348589	26.30049	.4707905
Stddev	.0022846	.0013241	.0022531	.0054571	.0020241	.09580	.0024075
%RSD	8.302199	1.521695	2.556537	8.271947	1.500900	.3642409	.5113626

#1	.0265391	.0885222	.0858422	.0707857	.1371208	26.34998	.4723925
#2	.0301284	.0864936	.0882026	.0600434	.1332183	26.19007	.4680220
#3	.0258852	.0860336	.0903467	.0670856	.1342376	26.36142	.4719569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226529	.0676653	8.146038	.3158644	.5450655	.7158368	75.09304
Stddev	.0001453	.0003179	.019842	.0014990	.0018253	.0026860	.20662
%RSD	.6415016	.4698112	.2435789	.4745820	.3348831	.3752243	.2751485

#1	.0227748	.0678116	8.167794	.3160455	.5469695	.7134212	75.16846
#2	.0224921	.0678838	8.141380	.3142831	.5448963	.7153597	74.85931
#3	.0226917	.0673006	8.128939	.3172647	.5433306	.7187293	75.25136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672869	8.855079	.2295291	.0536457	8.588876	.6391138	.4096912
Stddev	.0010774	.040135	.0009407	.0002178	.021762	.0088250	.0075103
%RSD	1.601261	.4532440	.4098153	.4059781	.2533757	1.380826	1.833158

#1	.0669369	8.889635	.2298368	.0534621	8.611484	.6481957	.4121110
#2	.0684959	8.864545	.2302773	.0535888	8.568072	.6305703	.4012693
#3	.0664280	8.811057	.2284731	.0538863	8.587072	.6385753	.4156933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.170467	-.021497	-.192000	-.000832	.0288702	-.058019	.0003725
Stddev	.023011	.002805	.002405	.000206	.0106646	.001096	.0013587
%RSD	.3209097	13.04759	1.252399	24.77372	36.93967	1.888565	364.7685

#1	7.189857	-.024219	-.194274	-.001041	.0268198	-.058832	-.001093
#2	7.145040	-.021656	-.189483	-.000829	.0193797	-.056773	.000619
#3	7.176506	-.018616	-.192242	-.000628	.0404110	-.058452	.001591

Sample Name: I3918-06 Acquired: 7/6/2017 16:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010305	-.000126	.0026431
Stddev	.0002389	.000382	.0000294
%RSD	23.18515	302.3124	1.112458

#1	.0011404	-.000248	.0026607
#2	.0011947	.000302	.0026092
#3	.0007564	-.000433	.0026595

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.781	1531.638	43916.51	6409.795	2928.034
Stddev	7.054	5.509	238.04	14.468	6.443
%RSD	.6889867	.3596628	.5420342	.2257145	.2200341

#1	1030.082	1526.453	44183.23	6396.903	2921.253
#2	1025.100	1537.422	43840.67	6425.442	2934.074
#3	1016.161	1531.039	43725.63	6407.038	2928.776

Sample Name: I3918-07 Acquired: 7/6/2017 16:45:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257173	.0816582	.0854728	.0645036	.1329568	25.34800	.4546187
Stddev	.0016965	.0013173	.0034675	.0018241	.0023346	.31046	.0062920
%RSD	6.596666	1.613165	4.056786	2.827967	1.755942	1.224780	1.384010

#1	.0276470	.0829050	.0828612	.0628085	.1328247	25.38681	.4550384
#2	.0250444	.0817893	.0894069	.0642682	.1353547	25.01996	.4481274
#3	.0244605	.0802802	.0841502	.0664339	.1306911	25.63723	.4606903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221663	.0671255	7.966514	.3068786	.5369212	.6896704	73.24112
Stddev	.0002314	.0011672	.108284	.0004827	.0098502	.0126658	1.11496
%RSD	1.043996	1.738769	1.359242	.1572825	1.834571	1.836505	1.522311

#1	.0221012	.0663702	8.010698	.3066539	.5314039	.6906933	73.51655
#2	.0219744	.0684698	7.843125	.3074326	.5482936	.6765242	72.01426
#3	.0224233	.0665366	8.045721	.3065491	.5310661	.7017938	74.19254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667906	8.542768	.2262495	.0521669	8.400595	.6263380	.4016107
Stddev	.0018577	.151455	.0052869	.0003914	.110622	.0055097	.0072147
%RSD	2.781306	1.772898	2.336732	.7501923	1.316833	.8796658	1.796429

#1	.0653308	8.548342	.2239541	.0517152	8.449925	.6273487	.4090503
#2	.0661594	8.388603	.2322961	.0524061	8.273891	.6203929	.3946443
#3	.0688816	8.691358	.2224983	.0523793	8.477971	.6312724	.4011376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.845245	-.020771	-.186737	-.001246	.0061227	-.058695	.0008362
Stddev	.114094	.000856	.002841	.000125	.0080767	.000847	.0009646
%RSD	1.666764	4.119968	1.521135	10.00318	131.9143	1.443130	115.3558

#1	6.855956	-.021561	-.188312	-.001371	.0127099	-.058095	.0007568
#2	6.726174	-.019862	-.183457	-.001121	-.002888	-.059664	.0018382
#3	6.953606	-.020889	-.188441	-.001246	.008547	-.058325	-.000086

Sample Name: I3918-07 Acquired: 7/6/2017 16:45:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004763	-.000019	.0026704
Stddev	.0006899	.000210	.0000646
%RSD	144.8531	1098.932	2.417774

#1	.0000203	.000165	.0026126
#2	.0012701	-.000247	.0026586
#3	.0001386	.000025	.0027401

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.557	1564.386	45338.68	6616.750	2983.204
Stddev	7.204	25.089	104.66	77.744	49.635
%RSD	.6780082	1.603752	.2308352	1.174951	1.663807

#1	1054.487	1570.134	45223.23	6592.797	3001.367
#2	1064.843	1536.922	45365.50	6703.651	2927.047
#3	1068.341	1586.102	45427.32	6553.801	3021.200

Sample Name: I3918-19 Acquired: 7/6/2017 16:49:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023550	.0001006	.0030847	.0024080	-.002284	1.295279	.0123472
Stddev	.0016590	.0008594	.0011634	.0046756	.001732	.005867	.0004405
%RSD	70.44561	854.3703	37.71586	194.1715	75.85256	.4529376	3.567918

#1	.0005746	.0010327	.0029357	.0077906	-.003945	1.302028	.0118409
#2	.0038574	-.000071	.0020030	.0000796	-.000488	1.291391	.0126430
#3	.0026330	-.000660	.0043155	-.000646	-.002420	1.292419	.0125578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001461	.0001802	75.17424	.0036488	.0009445	.0066354	3.198030
Stddev	.0000160	.0001020	.36823	.0001577	.0001199	.0010910	.020389
%RSD	10.92037	56.62538	.4898298	4.320767	12.69035	16.44251	.6375505

#1	.0001636	.0002399	75.56007	.0034775	.0009771	.0056991	3.221379
#2	.0001421	.0002383	75.13607	.0036811	.0010446	.0078335	3.188969
#3	.0001325	.0000624	74.82659	.0037878	.0008117	.0063737	3.183742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1369167	4.979805	.0068204	.0002389	22.84143	.0000633	.0495003
Stddev	.0015294	.014958	.0005154	.0001854	.15333	.0014347	.0071083
%RSD	1.116990	.3003719	7.556931	77.56971	.6712746	2267.341	14.36010

#1	.1384899	4.995881	.0065114	.0001893	23.01468	.0015903	.0535601
#2	.1368249	4.966298	.0074154	.0004440	22.78641	-.000144	.0412925
#3	.1354354	4.977235	.0065343	.0000835	22.72321	-.001257	.0536483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.233169	.0745108	.0107296	.0007748	93.67452	3.772024	-.004666
Stddev	.029813	.0021273	.0004305	.0005848	2.88737	.011252	.000612
%RSD	.7042605	2.854998	4.012661	75.48014	3.082346	.2982894	13.11931

#1	4.265491	.0739695	.0107815	.0001990	92.55339	3.764267	-.004836
#2	4.227266	.0727065	.0111318	.0007572	91.51586	3.784929	-.005175
#3	4.206749	.0768565	.0102754	.0013683	96.95432	3.766877	-.003987

Sample Name: I3918-19 Acquired: 7/6/2017 16:49:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XM2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0395582	.0024889	.3770005
Stddev	.0006500	.0001804	.0009503
%RSD	1.643028	7.250018	.2520600

#1	.0396683	.0026288	.3780363
#2	.0388602	.0025526	.3767964
#3	.0401461	.0022852	.3761689

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1001.747	1470.528	43355.02	6525.549	2884.298
Stddev	4.837	25.723	95.91	2.124	58.615
%RSD	.4828625	1.749215	.2212287	.0325416	2.032214

#1	1006.984	1480.056	43246.20	6525.266	2899.675
#2	997.448	1490.128	43427.28	6527.799	2933.692
#3	1000.809	1441.401	43391.58	6523.581	2819.528

Sample Name: CCV084 Acquired: 7/6/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.679052	F 4.321387	22.86218	4.559850	4.624385	384.5856
Stddev	.009871	.008110	.08689	.015005	.012558	1.5440
%RSD	.2109552	.1876774	.3800587	.3290665	.2715701	.4014736

#1	4.683198	4.326793	22.89092	4.566991	4.638708	383.5938
#2	4.686173	4.312061	22.76457	4.569951	4.615262	383.7985
#3	4.667784	4.325306	22.93107	4.542608	4.619186	386.3645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.227490	.4616596	2.264462	394.3927	16.99129	2.309599
Stddev	.032357	.0012348	.010841	.8732	.13526	.003903
%RSD	.3506582	.2674608	.4787413	.2214112	.7960699	.1690108

#1	9.223333	.4615992	2.262947	395.0798	16.84856	2.309393
#2	9.197412	.4604562	2.254458	394.6882	17.00772	2.305802
#3	9.261724	.4629235	2.275980	393.4100	17.11759	2.313601

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55535	392.7797	14.21012	402.0417	2.743490	1.276161
Stddev	.08405	.5321	.02826	.6073	.008923	.006140
%RSD	.5774528	.1354635	.1988697	.1510523	.3252383	.4811591

#1	14.51668	393.1235	14.22992	402.7269	2.740281	1.271840
#2	14.49759	393.0487	14.22268	401.5700	2.736616	1.273454
#3	14.65177	392.1668	14.17776	401.8281	2.753574	1.283190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.1114	2.312044	14.37700	145.3023	4.851934	F 3.908795
Stddev	1.6981	.008652	.06555	1.0408	.009237	.014123
%RSD	.4364126	.3742100	.4559655	.7163029	.1903830	.3613206

#1	387.9527	2.303006	14.40661	144.9613	4.861242	3.904631
#2	388.3207	2.320249	14.42252	144.4747	4.851792	3.897222
#3	391.0607	2.312876	14.30186	146.4708	4.842769	3.924532

Sample Name: CCV084 Acquired: 7/6/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.636699	4.609364	4.604564	F 4.407797	4.712803	5.158903
Stddev	.002694	.021667	.005636	.010582	.006268	.050230
%RSD	.0581113	.4700745	.1223981	.2400812	.1329925	.9736594

#1	4.638689	4.612503	4.598191	4.404001	4.710558	5.136061
#2	4.637776	4.586298	4.608893	4.399636	4.707966	5.124153
#3	4.633633	4.629291	4.606606	4.419753	4.719883	5.216495

Elem	Sr4077
Units	ppm
Avg	4.745853
Stddev	.018403
%RSD	.3877670

#1	4.744413
#2	4.728212
#3	4.764933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.9829	1285.912	38122.13	5932.183	1985.605
Stddev	2.7750	7.375	54.22	14.451	8.408
%RSD	.3204439	.5735443	.1422167	.2436076	.4234239

#1	862.7789	1280.222	38164.35	5917.063	1978.132
#2	867.6224	1283.269	38141.04	5945.857	1983.974
#3	867.5474	1294.244	38060.99	5933.630	1994.708

Sample Name: CCB084 Acquired: 7/6/2017 16:58:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007045	.0049580	-.001897	-.000035	-.001084	.0124088	-.002387
Stddev	.0010802	.0016727	.000369	.002544	.000083	.0115040	.000459
%RSD	153.3321	33.73731	19.46648	7367.309	7.667089	92.70888	19.20944

#1	.0012757	.0052452	-.002322	-.002934	-.000993	.0249028	-.002908
#2	-.000541	.0064684	-.001702	.001822	-.001156	.0100689	-.002046
#3	.001379	.0031602	-.001665	.001009	-.001103	.0022546	-.002208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001001	-.000132	.0065862	-.000557	-.000028	.0006964	.0069995
Stddev	.0000517	.000153	.0116079	.000332	.000168	.0008951	.0174963
%RSD	51.60982	116.1962	176.2455	59.51351	601.8219	128.5256	249.9656

#1	.0000840	-.000211	.0199374	-.000559	-.000121	.0017293	.0191037
#2	.0000585	.000045	.0009358	-.000888	.000166	.0002102	.0149559
#3	.0001580	-.000229	-.001115	-.000225	-.000128	.0001496	-.013061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005800	.0203503	-.000209	.0002170	-.044138	.0009478	.0005348
Stddev	.0002476	.0274341	.000149	.0001438	.029351	.0013048	.0021853
%RSD	42.69783	134.8097	71.27135	66.25391	66.49664	137.6613	408.5964

#1	.0005609	.0470696	-.000373	.0003667	-.015499	.0013767	.0027940
#2	.0008366	.0217279	-.000172	.0000799	-.042764	-.000517	.0003787
#3	.0003424	-.007747	-.000082	.0002046	-.074152	.001984	-.001568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057096	.0010418	.0025823	.0008087	.0013601	-.053587	-.001511
Stddev	.001895	.0023329	.0008686	.0003765	.0053925	.000464	.000198
%RSD	3.319782	223.9322	33.63459	46.55341	396.4639	.8665149	13.10840

#1	-.059239	-.001210	.0016048	.0003822	.0016387	-.053095	-.001710
#2	-.055640	.000887	.0032652	.0009492	.0066079	-.054017	-.001314
#3	-.056409	.003448	.0028770	.0010949	-.004166	-.053649	-.001509

Sample Name: CCB084 Acquired: 7/6/2017 16:58:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v49) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009904	.0002837	.0001541
Stddev	.0003681	.0000900	.0001360
%RSD	37.17142	31.73477	88.26257

#1	.0006620	.0002922	.0003007
#2	.0013883	.0003692	.0001295
#3	.0009209	.0001897	.0000320

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.246	1629.472	46717.23	6593.047	3348.251
Stddev	10.792	2.576	245.93	48.657	7.808
%RSD	.9853533	.1581089	.5264149	.7379992	.2331900

#1	1083.852	1631.162	46543.10	6537.543	3356.938
#2	1096.571	1626.507	46610.04	6613.248	3345.996
#3	1105.314	1630.746	46998.56	6628.348	3341.819