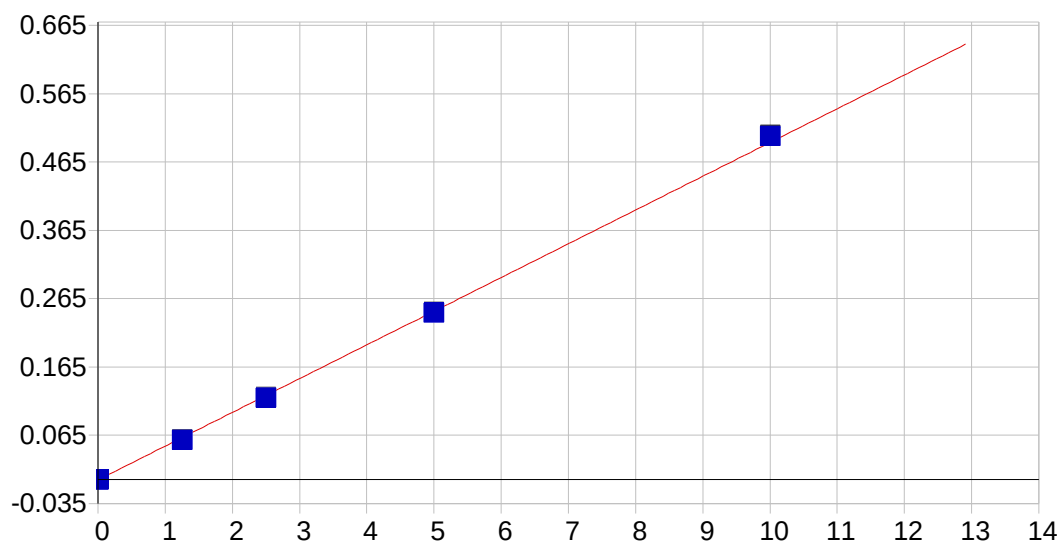




As 189.042 {479}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000236

Re-Slope: 1.000000

A1 (Gain): 0.049391

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999739

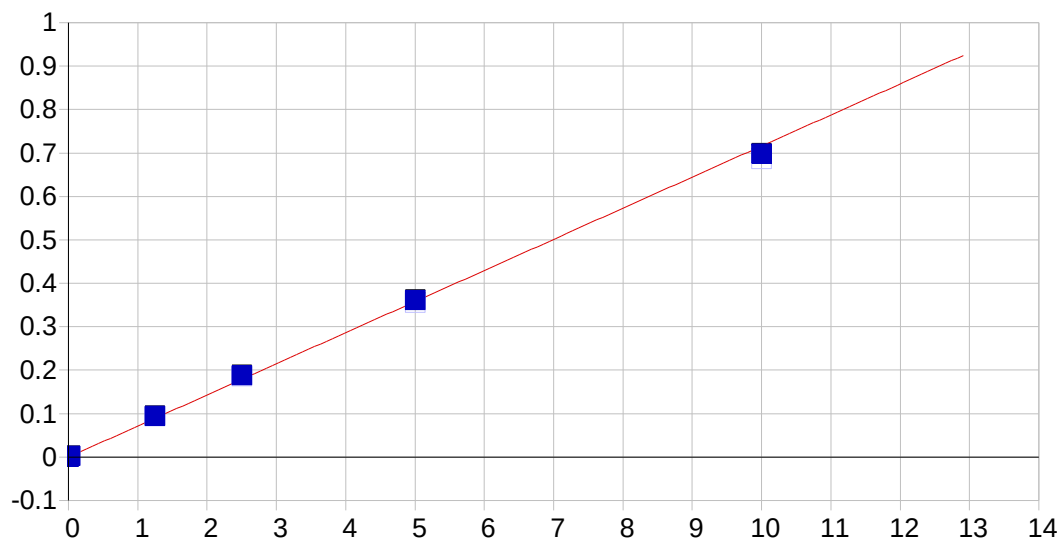
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.003338

Predicted MQL: 0.011128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.00969	.000	-3.05	.00024	.000	1
S2	1.2500	1.1778	-.072	-5.77	.05792	.000	1
S3	2.5000	2.4358	-.064	-2.57	.12003	.000	1
S4	5.0000	4.9502	-.050	-.995	.24419	.001	1
S5	10.000	10.186	.186	1.86	.50275	.001	1



TI 190.856 {477}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000149

Re-Slope: 1.000000

A1 (Gain): 0.071621

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999480

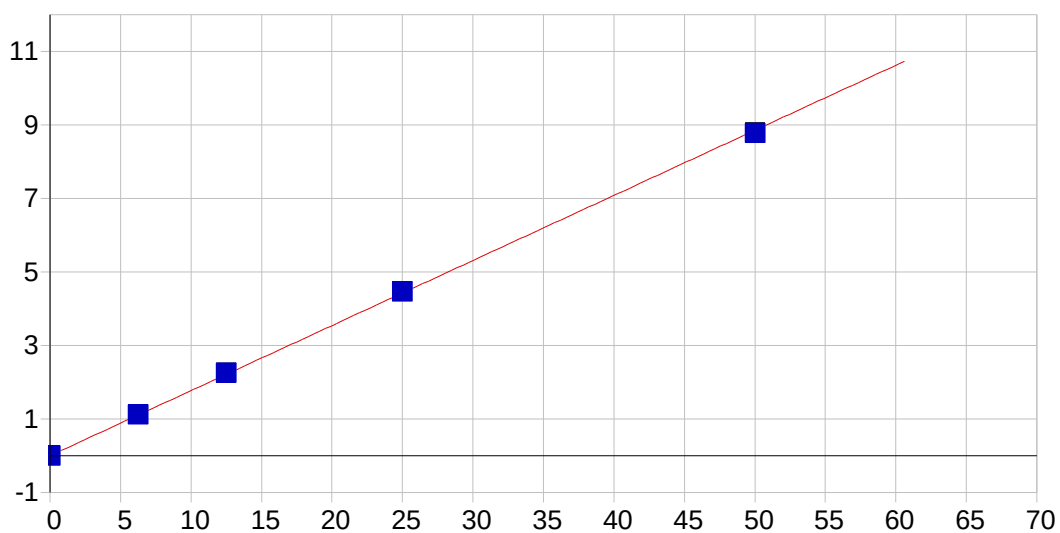
Status: OK.

Std Error of Est: 0.000060

Predicted MDL: 0.001671

Predicted MQL: 0.005569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.02500	.02995	.005	19.8	.00184	.000	1
S2	1.2500	1.3247	.075	5.97	.09310	.000	1
S3	2.5000	2.6283	.128	5.13	.18484	.001	1
S4	5.0000	5.0452	.045	.905	.35469	.001	1
S5	10.000	9.7472	-.253	-2.53	.68494	.002	1

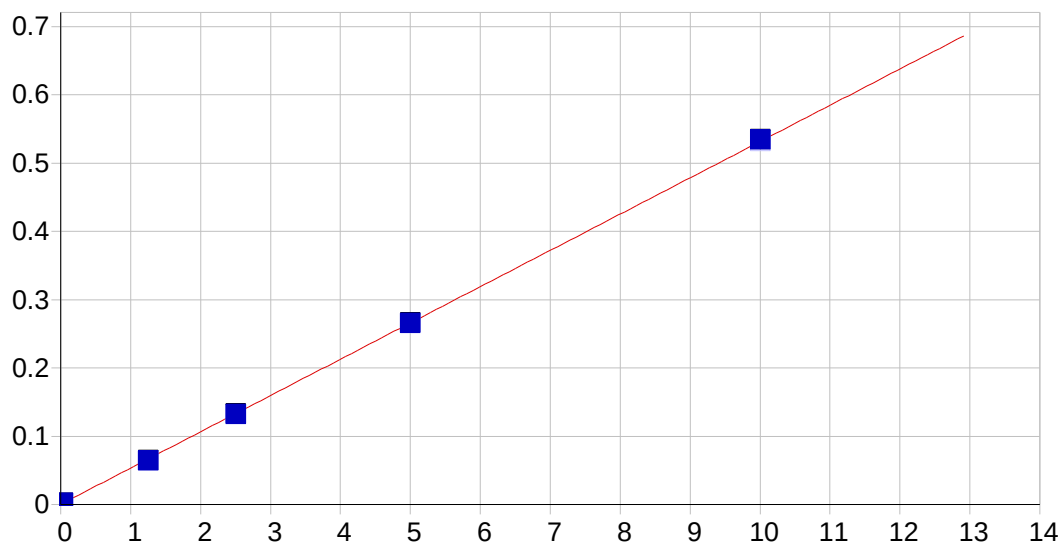


Pb 220.353 {453}

Date of Fit: 8/8/2017 14:37:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.177077 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001398
 Predicted MQL: 0.004659

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.01141	.001	14.1	.00211	.000	1
S2	6.2500	6.3071	.057	.914	1.1173	.002	1
S3	12.500	12.704	.204	1.63	2.2504	.006	1
S4	25.000	25.164	.164	.656	4.4574	.010	1
S5	50.000	49.573	-.427	-.854	8.7810	.010	1

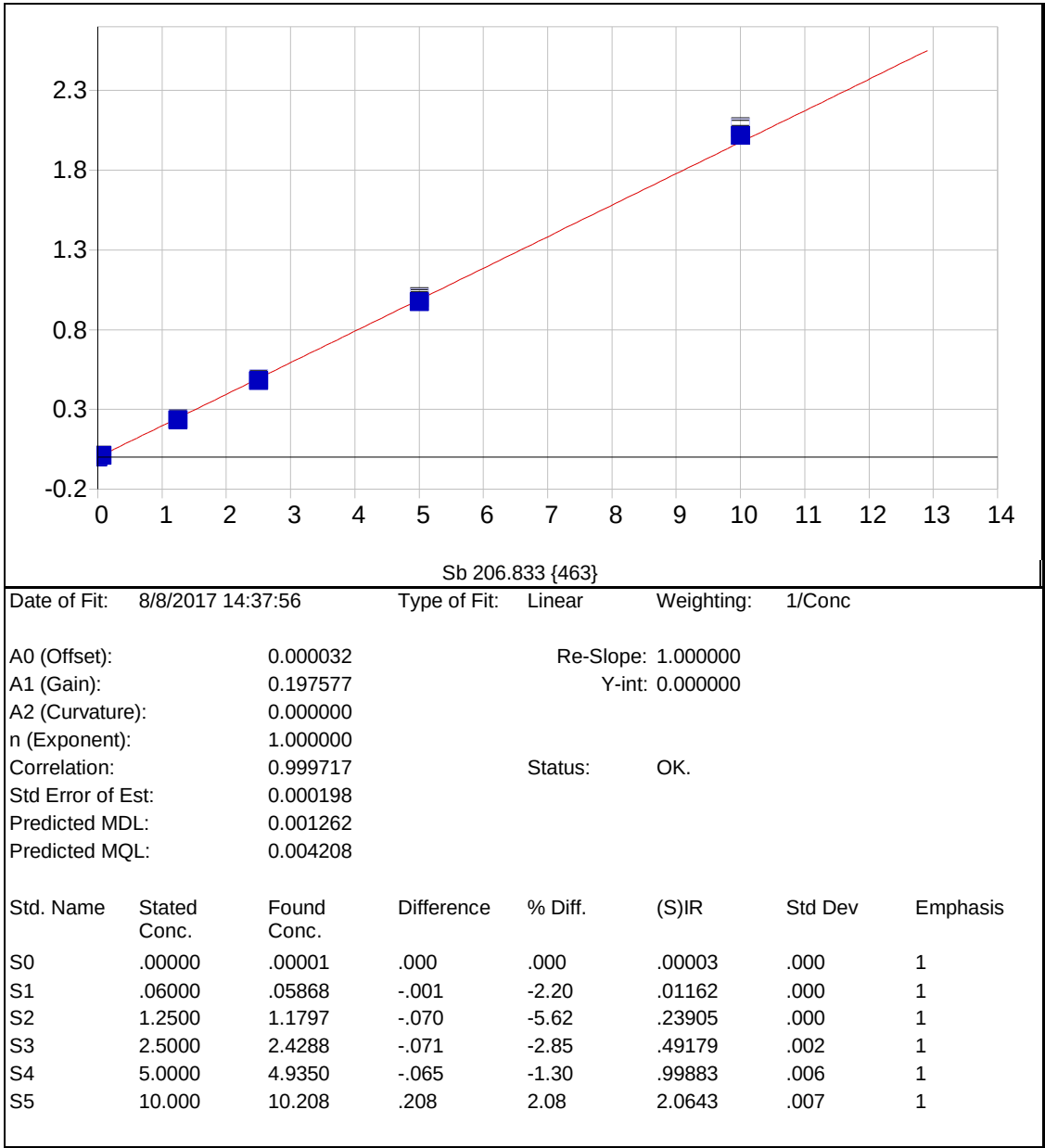


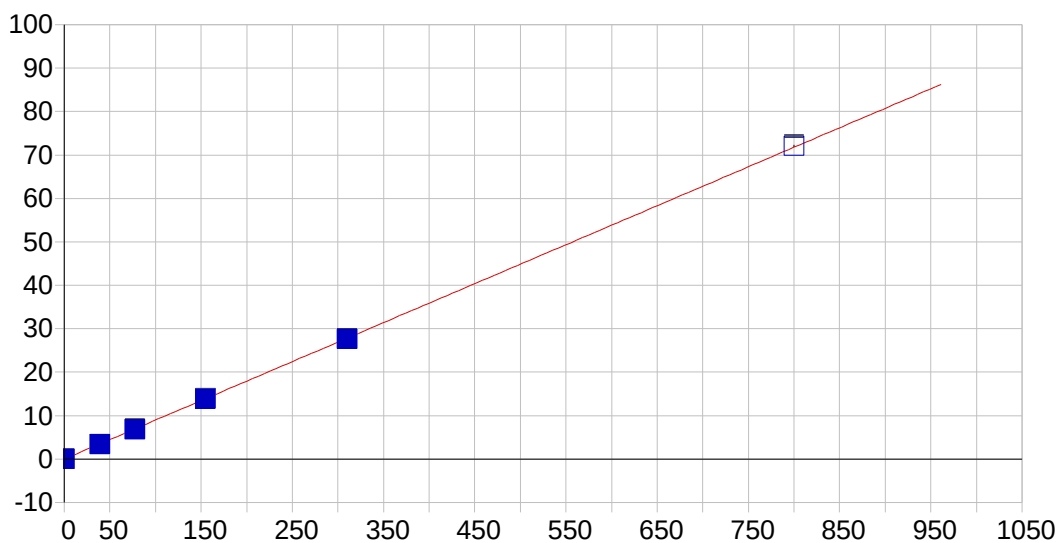
Se 196.090 {472}

Date of Fit: 8/8/2017 14:37:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.053127 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003361
 Predicted MQL: 0.011204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.03500	.03377	-.001	-3.51	.00203	.000	1
S2	1.2500	1.2128	-.037	-2.98	.06442	.000	1
S3	2.5000	2.4920	-.008	-.322	.13213	.001	1
S4	5.0000	4.9967	-.003	-.066	.26471	.001	1
S5	10.000	10.050	.050	.498	.53218	.001	1





AI 396.152 { 85}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000058

Re-Slope: 1.000000

A1 (Gain): 0.089722

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

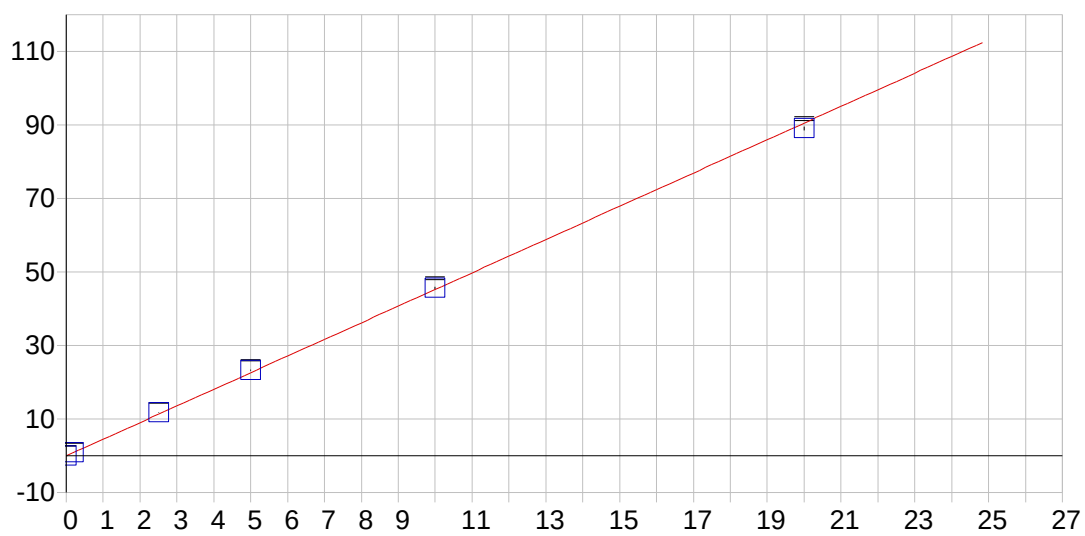
Status: OK.

Std Error of Est: 0.000423

Predicted MDL: 0.004698

Predicted MQL: 0.015659

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.20000	.20848	.008	4.24	.01868	.000	1
S2	38.750	37.766	-.984	-2.54	3.3925	.005	1
S3	77.500	76.164	-1.34	-1.72	6.8418	.032	1
S4	155.00	154.98	-.017	-.011	13.922	.027	1
S5	310.00	308.23	-1.77	-.571	27.688	.094	1
S6	800.00	804.10	4.10	.513	72.146	.257	1



Ba 493.409 { 68}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.037620

Re-Slope: 1.000000

A1 (Gain): 4.527557

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999799

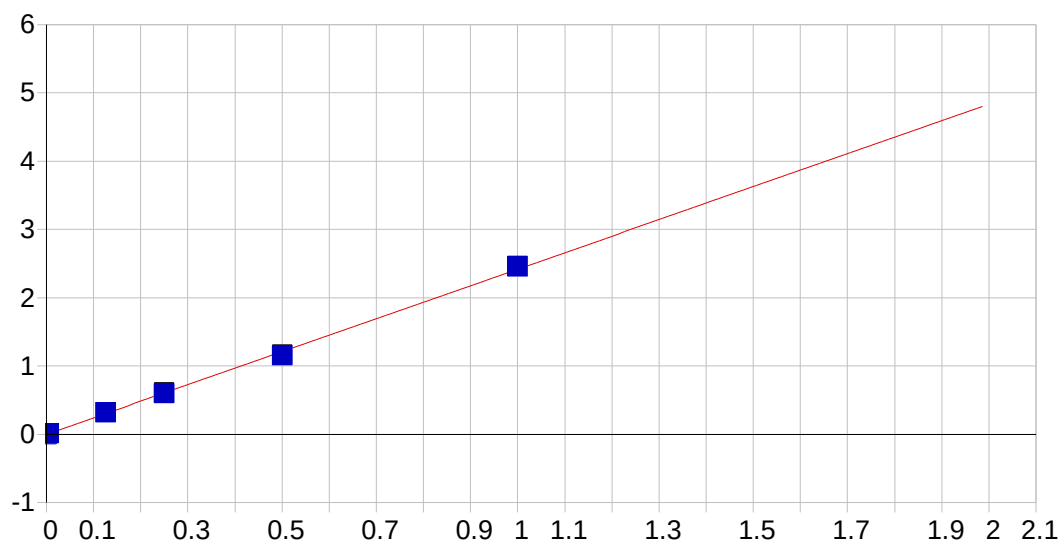
Status: OK.

Std Error of Est: 0.009639

Predicted MDL: 0.000272

Predicted MQL: 0.000905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.03763	.002	1
S1	.20000	.19017	-.010	-4.91	.82340	.005	1
S2	2.5000	2.6021	.102	4.08	11.743	.033	1
S3	5.0000	5.1510	.151	3.02	23.284	.104	1
S4	10.000	10.081	.081	.811	45.605	.414	1
S5	20.000	19.676	-.324	-1.62	89.045	.559	1



Be 234.861 {144}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000765

Re-Slope: 1.000000

A1 (Gain): 2.418673

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999528

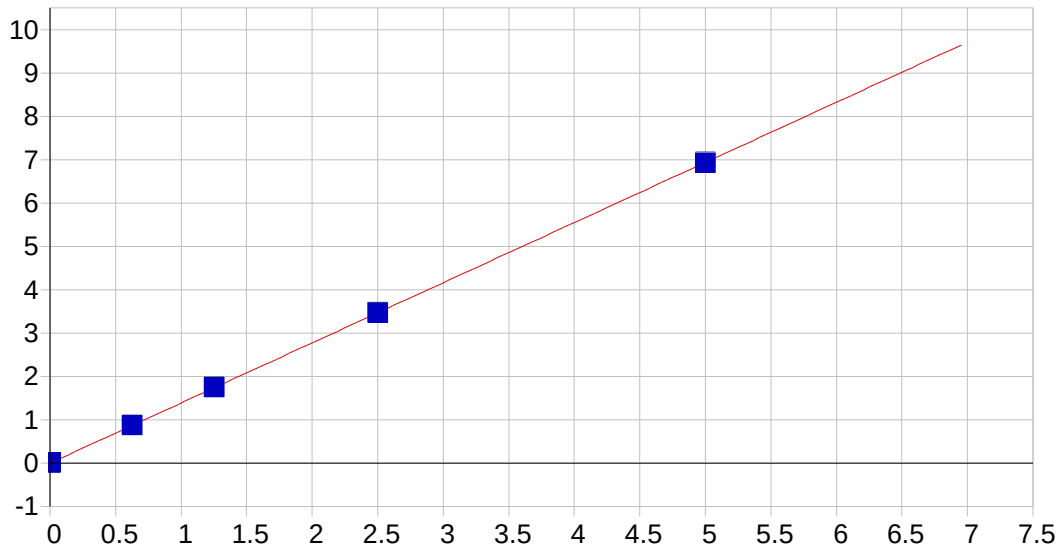
Status: OK.

Std Error of Est: 0.000278

Predicted MDL: 0.000082

Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.00500	.00618	.001	23.7	.01419	.000	1
S2	.12500	.13083	.006	4.67	.31466	.002	1
S3	.25000	.24865	-.001	-.540	.59861	.007	1
S4	.50000	.47825	-.022	-4.35	1.1519	.008	1
S5	1.0000	1.0161	.016	1.61	2.4487	.009	1



Cd 214.438 {457}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000016

Re-Slope: 1.000000

A1 (Gain): 1.386965

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999991

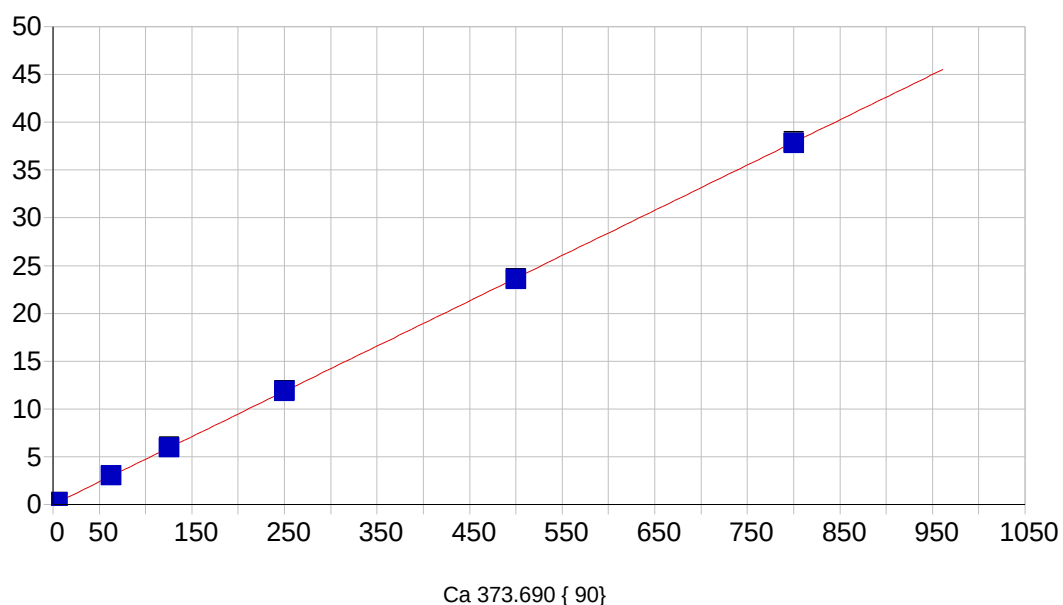
Status: OK.

Std Error of Est: 0.000050

Predicted MDL: 0.000112

Predicted MQL: 0.000374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.00500	.00547	.000	9.39	.00758	.000	1
S2	.62500	.62590	.001	.145	.87013	.001	1
S3	1.2500	1.2615	.012	.923	1.7538	.009	1
S4	2.5000	2.4971	-.003	-.116	3.4715	.013	1
S5	5.0000	4.9900	-.010	-.200	6.9372	.005	1



Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000727

Re-Slope: 1.000000

A1 (Gain): 0.047361

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

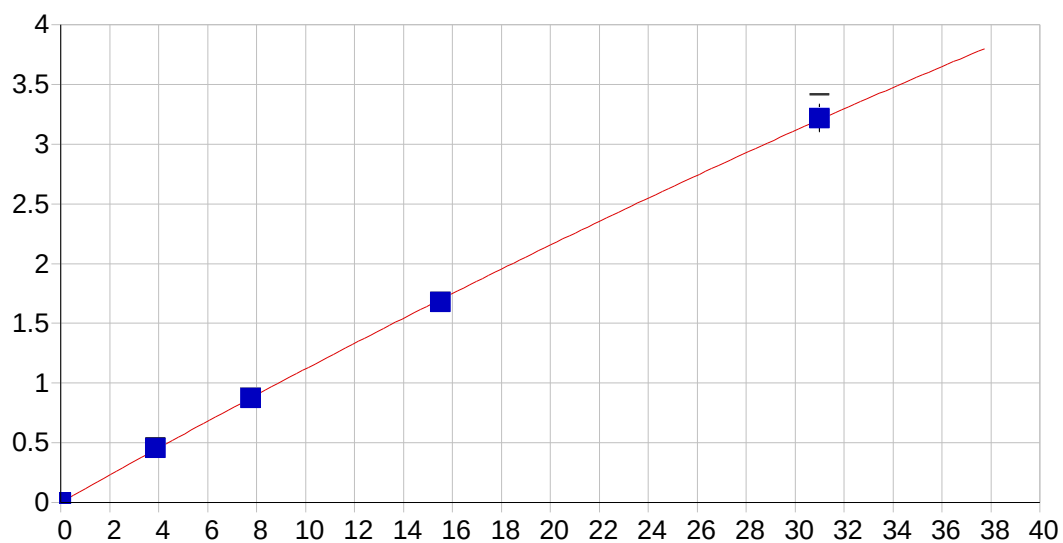
Status: OK.

Std Error of Est: 0.000993

Predicted MDL: 0.007859

Predicted MQL: 0.026197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	.000	.000	.00071	.000	1
S1	5.0000	5.2156	.216	4.31	.24774	.001	1
S2	62.500	63.992	1.49	2.39	3.0279	.007	1
S3	125.00	125.87	.866	.693	5.9547	.045	1
S4	250.00	250.44	.439	.176	11.847	.104	1
S5	500.00	497.70	-2.30	-.459	23.544	.081	1
S6	800.00	799.28	-.717	-.090	37.779	.145	1



Cr 267.716 {126}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000075

Re-Slope: 1.000000

A1 (Gain): 0.115747

Y-int: 0.000000

A2 (Curvature): -0.000400

n (Exponent): 1.000000

Correlation: 0.999944

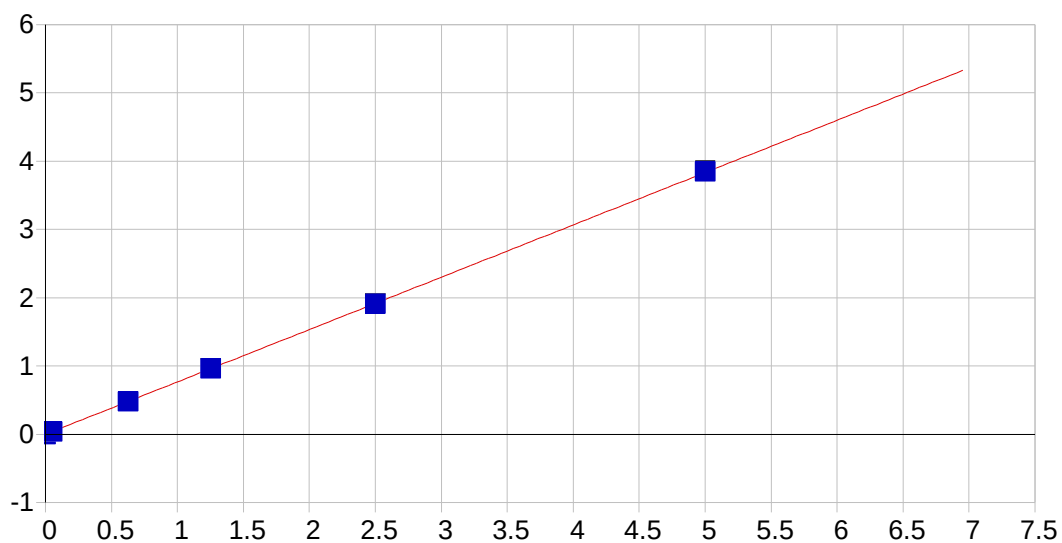
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.000491

Predicted MQL: 0.001637

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.01143	.001	14.3	.00141	.000	1
S2	3.8750	3.9812	.106	2.74	.45571	.002	1
S3	7.7500	7.7581	.008	.104	.87631	.003	1
S4	15.500	15.282	-.218	-1.41	1.6802	.002	1
S5	31.000	31.105	.105	.340	3.2230	.114	1



Co 228.616 {448}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000106

Re-Slope: 1.000000

A1 (Gain): 0.766724

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999989

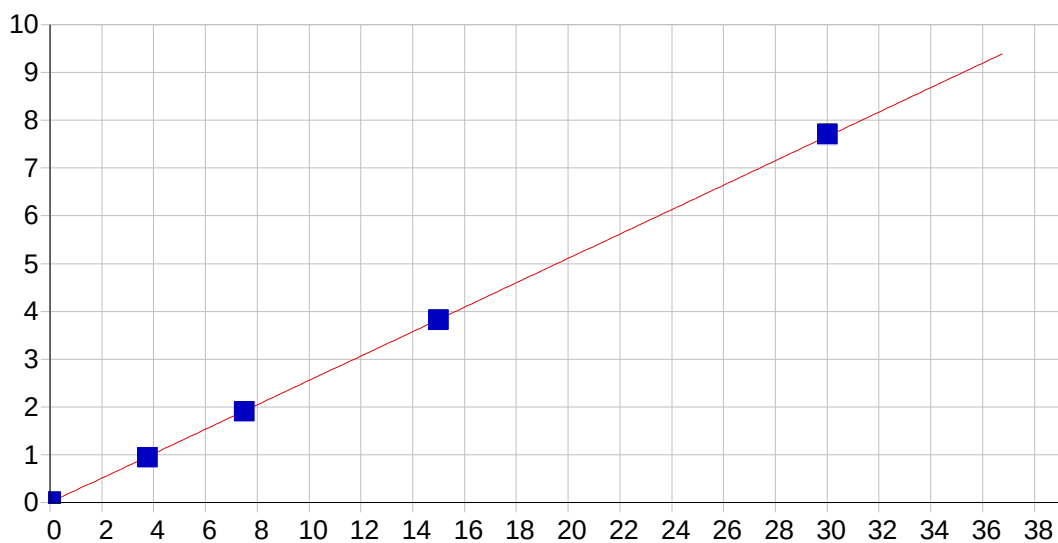
Status: OK.

Std Error of Est: 0.000097

Predicted MDL: 0.000228

Predicted MQL: 0.000760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.05000	.04788	-.002	-4.25	.03674	.000	1
S2	.62500	.62061	-.004	-.703	.47673	.001	1
S3	1.2500	1.2517	.002	.134	.96159	.002	1
S4	2.5000	2.4894	-.011	-.423	1.9126	.005	1
S5	5.0000	5.0154	.015	.309	3.8533	.008	1



Cu 324.754 {104}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000835

Re-Slope: 1.000000

A1 (Gain): 0.255395

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

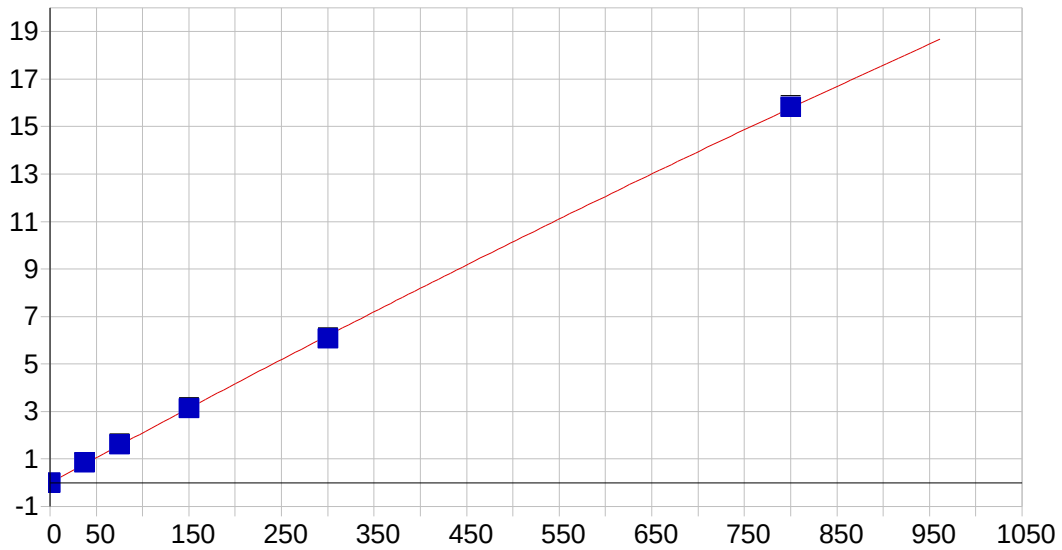
Status: OK.

Std Error of Est: 0.000073

Predicted MDL: 0.000991

Predicted MQL: 0.003304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00083	.000	1
S1	.02500	.02669	.002	6.75	.00761	.000	1
S2	3.7500	3.6941	-.056	-1.49	.94156	.001	1
S3	7.5000	7.4458	-.054	-.723	1.8970	.007	1
S4	15.000	14.959	-.041	-.276	3.8102	.005	1
S5	30.000	30.150	.150	.500	7.6791	.017	1

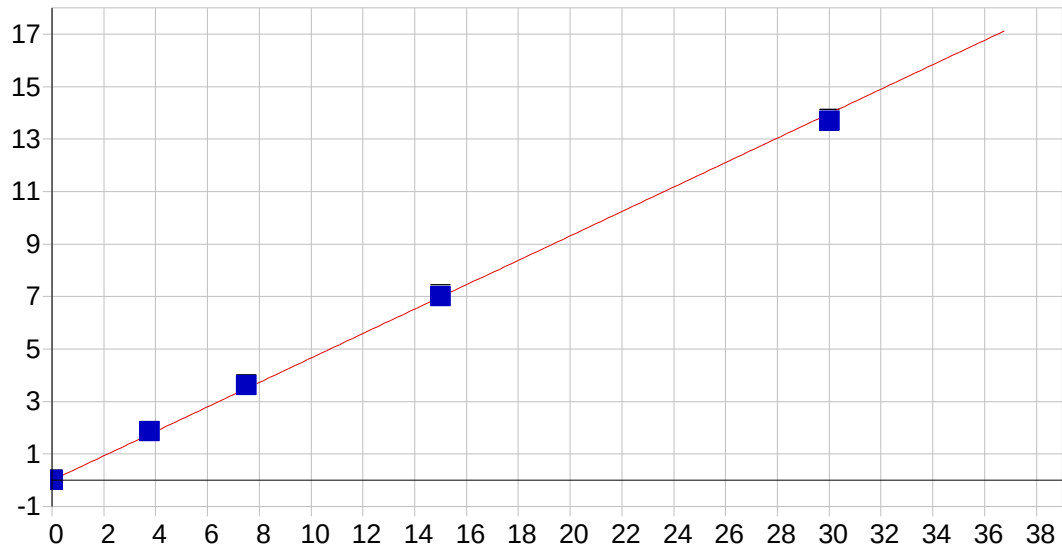


Fe 259.837 {130}

Date of Fit: 8/8/2017 14:37:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.021213 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.005953
 Predicted MQL: 0.019844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00010	.000	1
S1	.10000	.11738	.017	17.4	.00261	.000	1
S2	37.500	39.586	2.09	5.56	.83787	.001	1
S3	75.000	76.737	1.74	2.32	1.6189	.009	1
S4	150.00	149.96	-.039	-.026	3.1433	.022	1
S5	300.00	294.07	-5.93	-1.98	6.0855	.020	1
S6	800.00	802.16	2.16	.270	15.832	.052	1



Mn 257.610 {131}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000087

Re-Slope: 1.000000

A1 (Gain): 0.465627

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999658

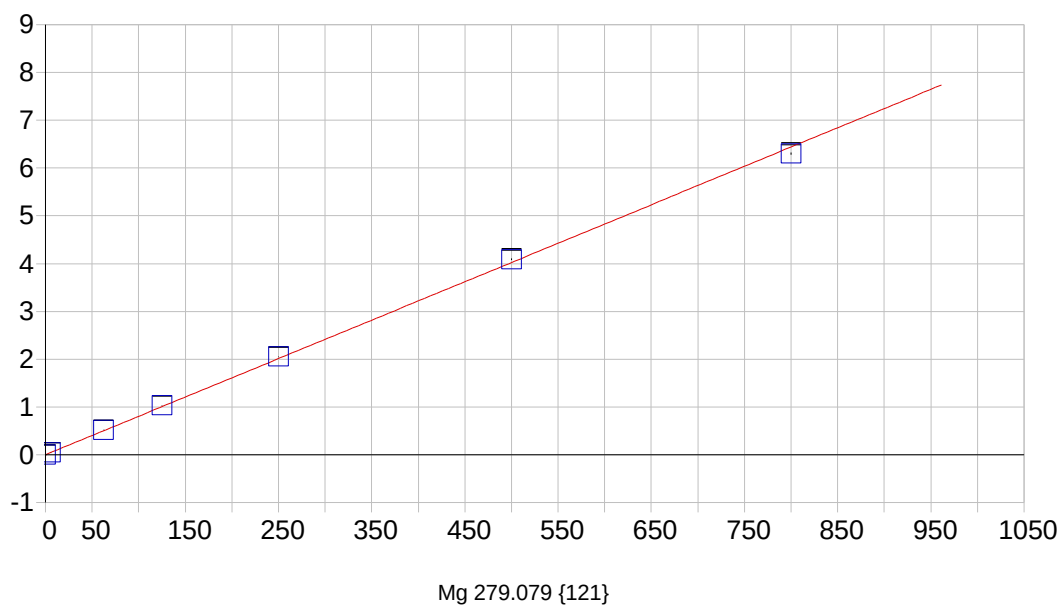
Status: OK.

Std Error of Est: 0.000434

Predicted MDL: 0.000313

Predicted MQL: 0.001044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01768	.003	17.9	.00815	.000	1
S2	3.7500	4.0061	.256	6.83	1.8656	.002	1
S3	7.5000	7.7583	.258	3.44	3.6131	.019	1
S4	15.000	15.068	.068	.452	7.0174	.055	1
S5	30.000	29.415	-.585	-1.95	13.699	.058	1



Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000031

Re-Slope: 1.000000

A1 (Gain): 0.008048

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999813

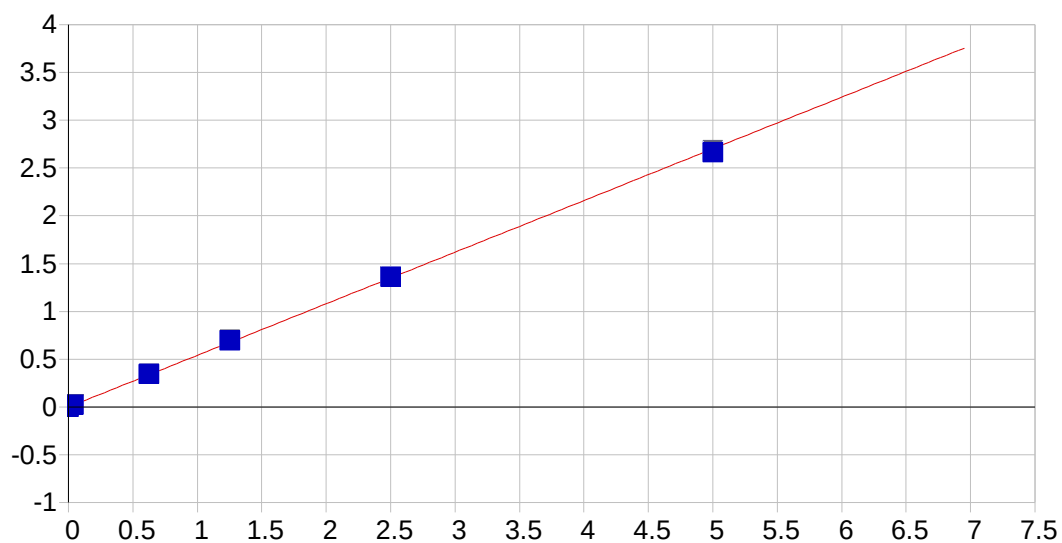
Status: OK.

Std Error of Est: 0.000543

Predicted MDL: 0.018611

Predicted MQL: 0.062037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00043	.000	.000	-.00003	.000	1
S1	5.0000	5.1577	.158	3.15	.04148	.000	1
S2	62.500	63.736	1.24	1.98	.51291	.002	1
S3	125.00	127.68	2.68	2.14	1.0275	.005	1
S4	250.00	254.62	4.62	1.85	2.0492	.007	1
S5	500.00	508.02	8.02	1.60	4.0885	.017	1
S6	800.00	783.28	-16.7	-2.09	6.3038	.025	1



Ni 231.604 {446}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000548

Re-Slope: 1.000000

A1 (Gain): 0.540234

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999868

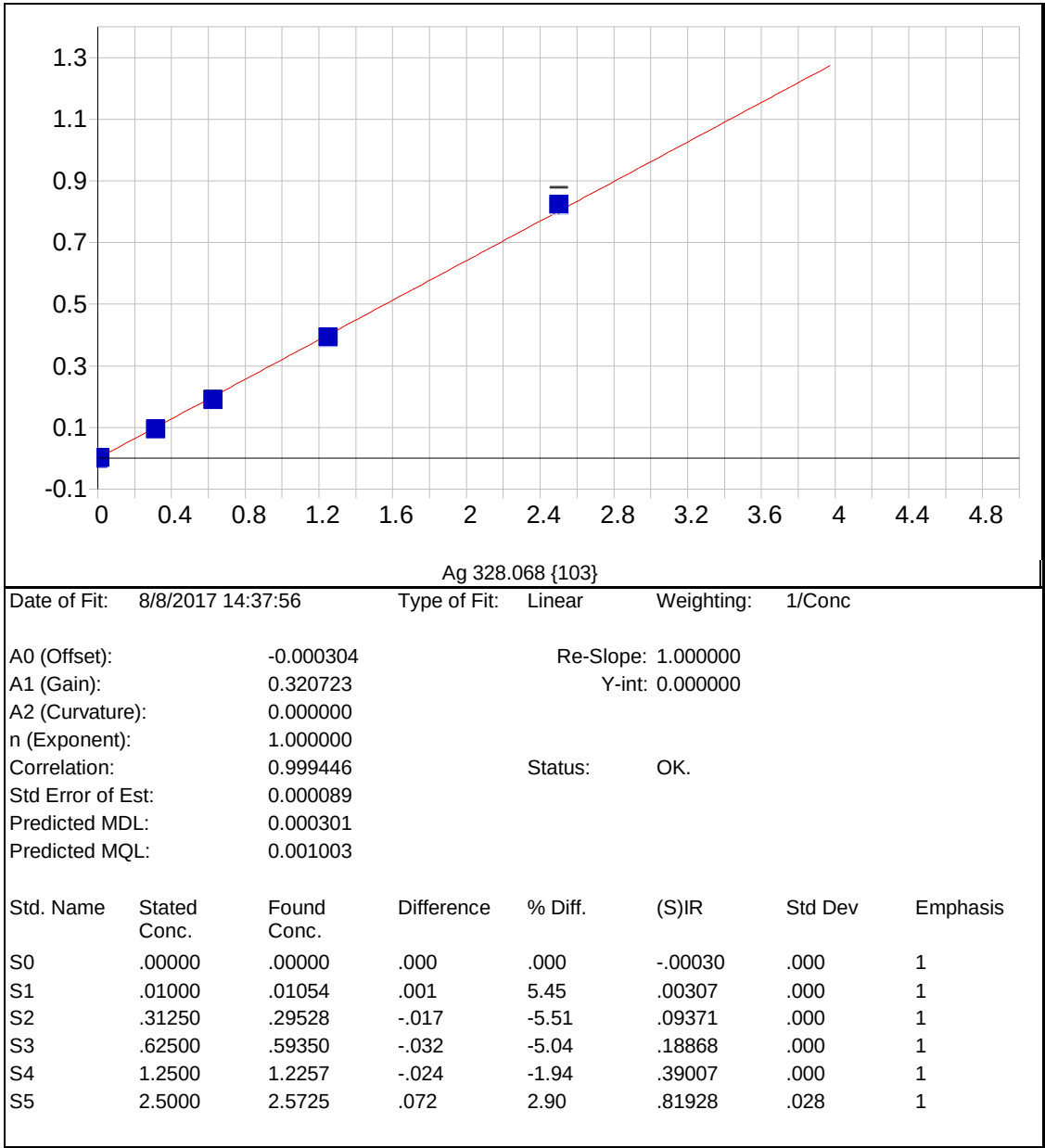
Status: OK.

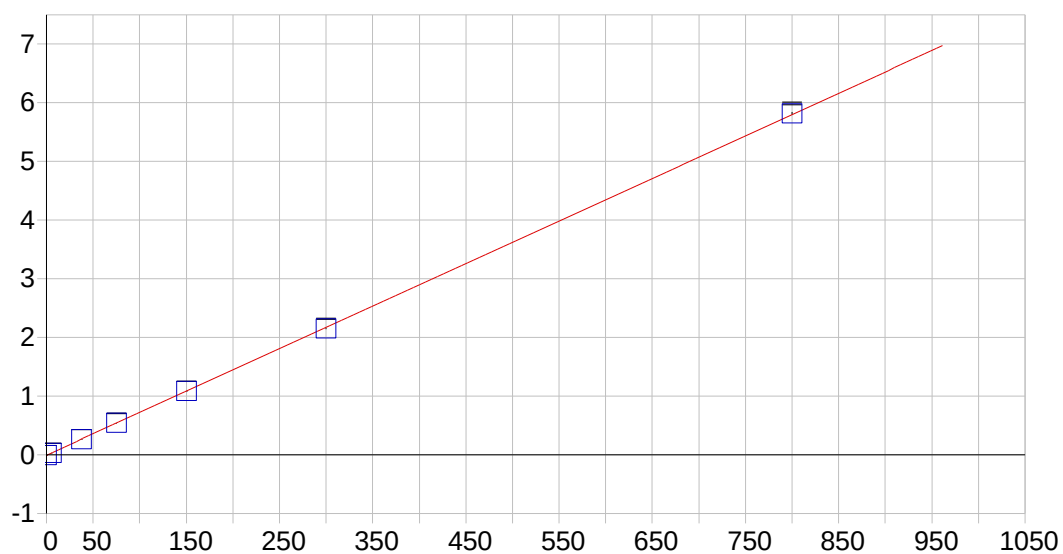
Std Error of Est: 0.000210

Predicted MDL: 0.000371

Predicted MQL: 0.001236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.04000	.04056	.001	1.39	.02139	.000	1
S2	.62500	.64078	.016	2.52	.34740	.000	1
S3	1.2500	1.2870	.037	2.96	.69826	.002	1
S4	2.5000	2.5150	.015	.600	1.3652	.001	1
S5	5.0000	4.9317	-.068	-1.37	2.6780	.005	1





Na 818.326 { 41}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004479

Re-Slope: 1.000000

A1 (Gain): 0.007256

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

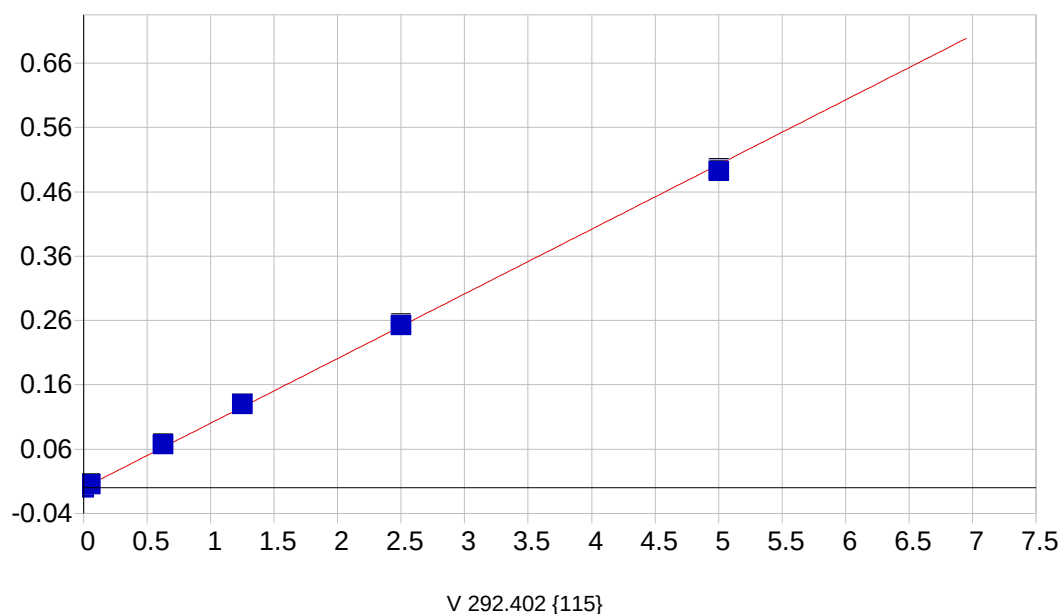
Status: OK.

Std Error of Est: 0.000134

Predicted MDL: 0.108697

Predicted MQL: 0.362324

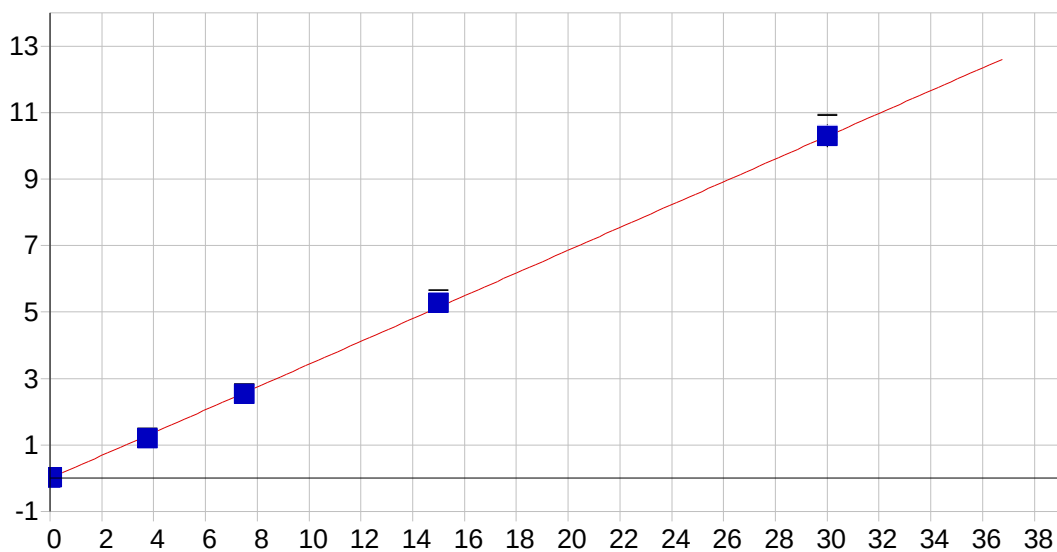
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00448	.000	1
S1	5.0000	5.1059	.106	2.12	.03257	.001	1
S2	37.500	37.118	-.382	-1.02	.26484	.001	1
S3	75.000	74.863	-.137	-.183	.53871	.003	1
S4	150.00	150.55	.551	.367	1.0879	.000	1
S5	300.00	297.00	-3.00	-1.00	2.1504	.006	1
S6	800.00	802.87	2.87	.358	5.8209	.026	1



Date of Fit: 8/8/2017 14:37:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.100477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001861
 Predicted MQL: 0.006205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00003	.000	1
S1	.05000	.05538	.005	10.8	.00560	.000	1
S2	.62500	.66902	.044	7.04	.06751	.000	1
S3	1.2500	1.2914	.041	3.31	.13030	.000	1
S4	2.5000	2.5088	.009	.353	.25314	.002	1
S5	5.0000	4.9004	-.100	-1.99	.49448	.002	1

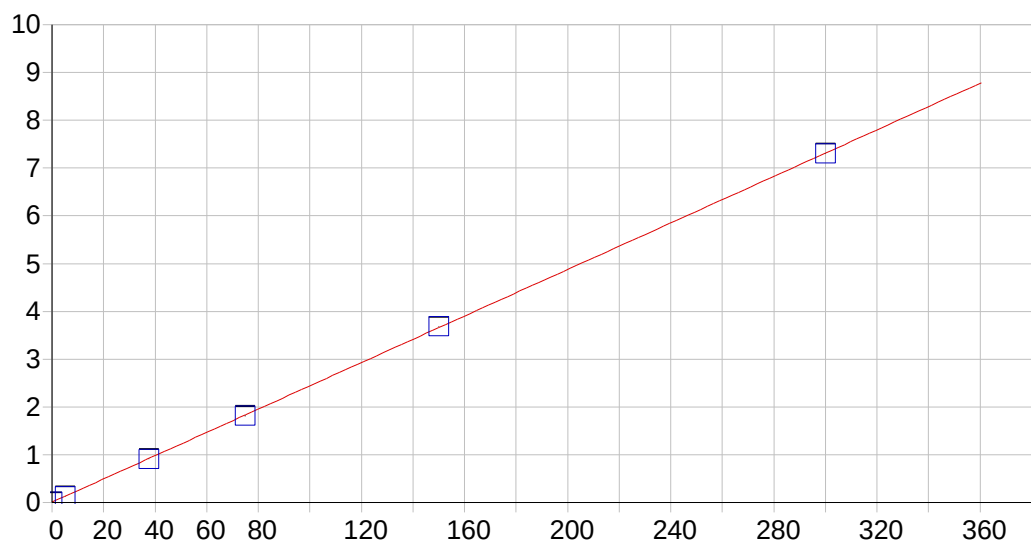


Zn 213.856 {158}

Date of Fit: 8/8/2017 14:37:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000396 Re-Slope: 1.000000
 A1 (Gain): 0.342958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000543
 Predicted MDL: 0.002320
 Predicted MQL: 0.007735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00039	.001	1
S1	.06000	.05450	-.005	-9.16	.01837	.000	1
S2	3.7500	3.5020	-.248	-6.61	1.2037	.009	1
S3	7.5000	7.3835	-.116	-1.55	2.5380	.016	1
S4	15.000	15.372	.372	2.48	5.2838	.085	1
S5	30.000	29.998	-.002	-.006	10.312	.333	1



K 769.896 { 44}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006090

Re-Slope: 1.000000

A1 (Gain): 0.024355

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

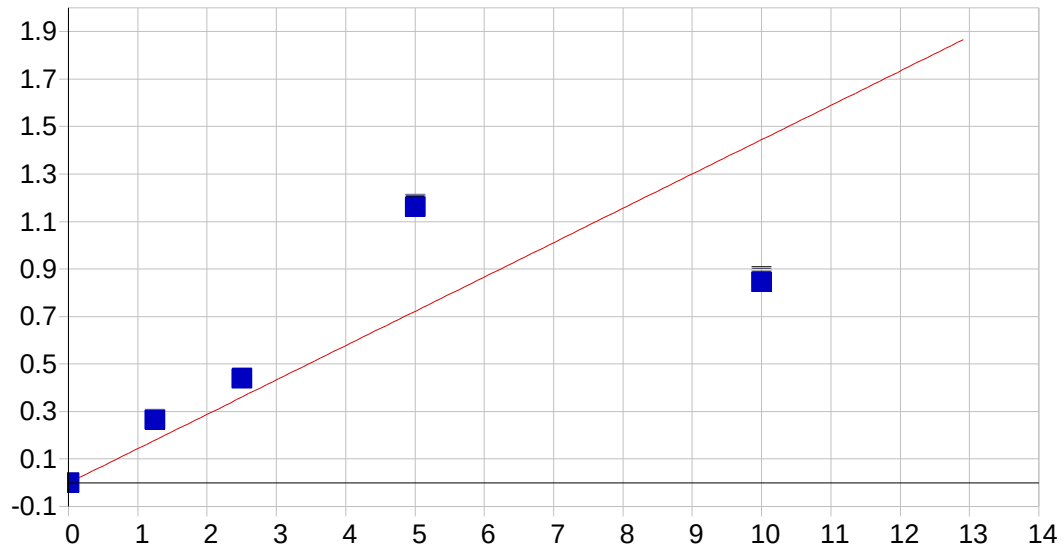
Status: OK.

Std Error of Est: 0.000266

Predicted MDL: 0.032291

Predicted MQL: 0.107637

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	.00609	.001	1
S1	5.0000	5.1251	.125	2.50	.13091	.001	1
S2	37.500	37.212	-.288	-.768	.91239	.003	1
S3	75.000	74.424	-.576	-.768	1.8187	.011	1
S4	150.00	150.95	.950	.634	3.6825	.003	1
S5	300.00	299.79	-.212	-.071	7.3075	.010	1



P 177.495 {490}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000909

Re-Slope: 1.000000

A1 (Gain): 0.144577

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.910818

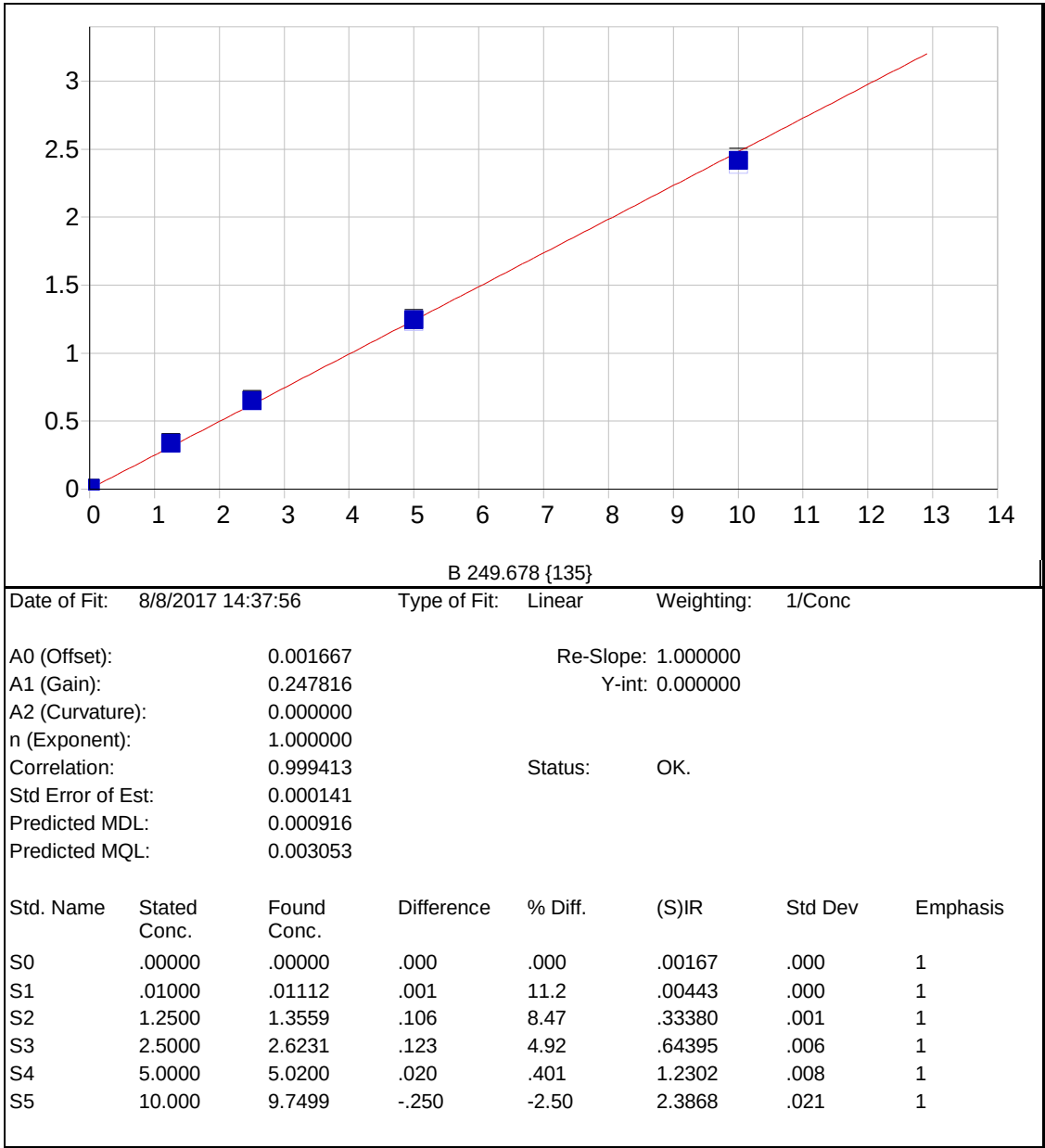
Status: OK.

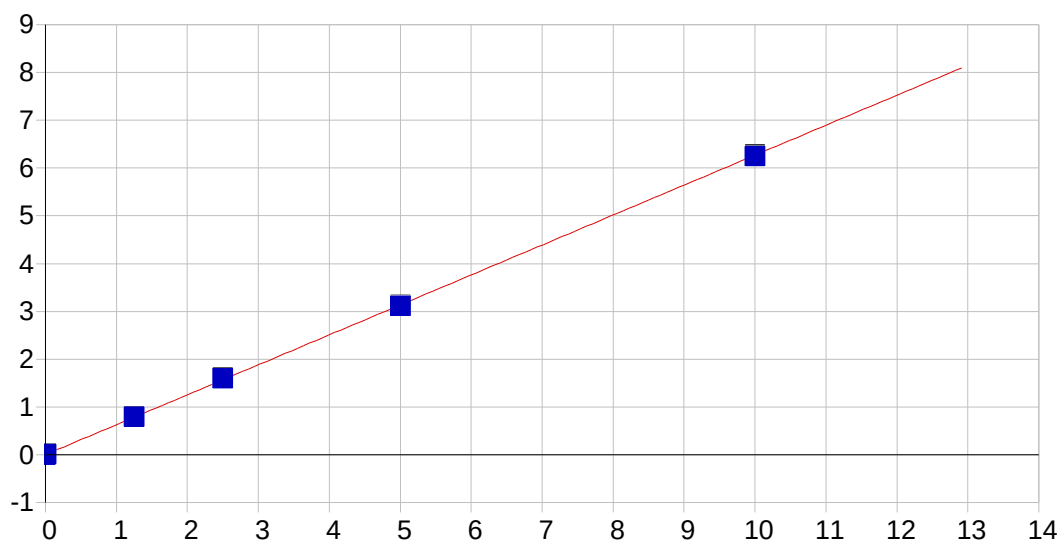
Std Error of Est: 0.001113

Predicted MDL: 0.000714

Predicted MQL: 0.002379

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00091	.000	1
S1	.01000	.00354	-.006	-64.6	-.00037	.000	1
S2	1.2500	1.8354	.585	46.8	.26678	.001	1
S3	2.5000	3.0319	.532	21.3	.44211	.001	1
S4	5.0000	8.0357	3.04	60.7	1.1702	.003	1
S5	10.000	5.8535	-4.15	-41.5	.86407	.003	1





Mo 202.030 {467}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000189

Re-Slope: 1.000000

A1 (Gain): 0.626933

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999959

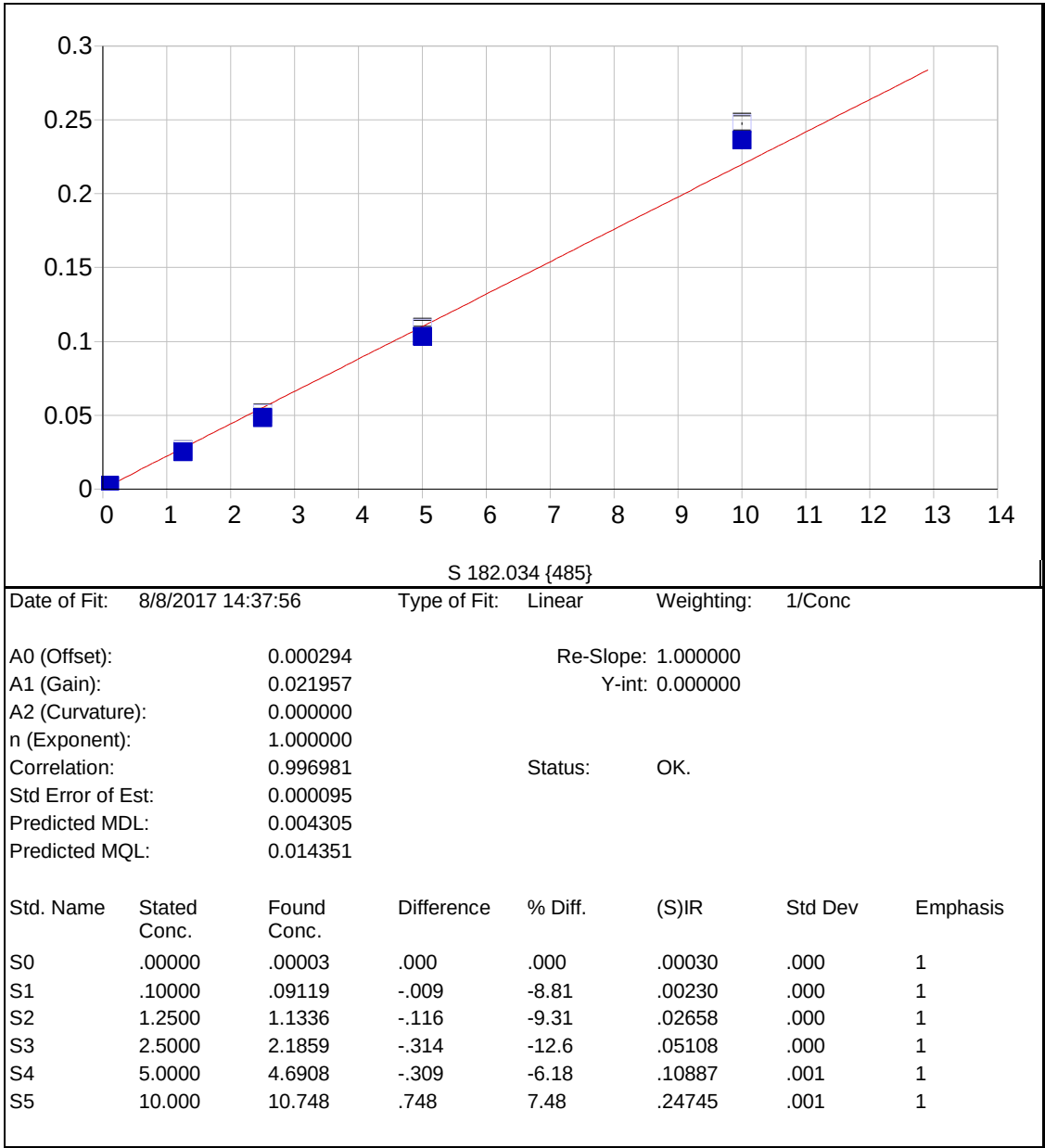
Status: OK.

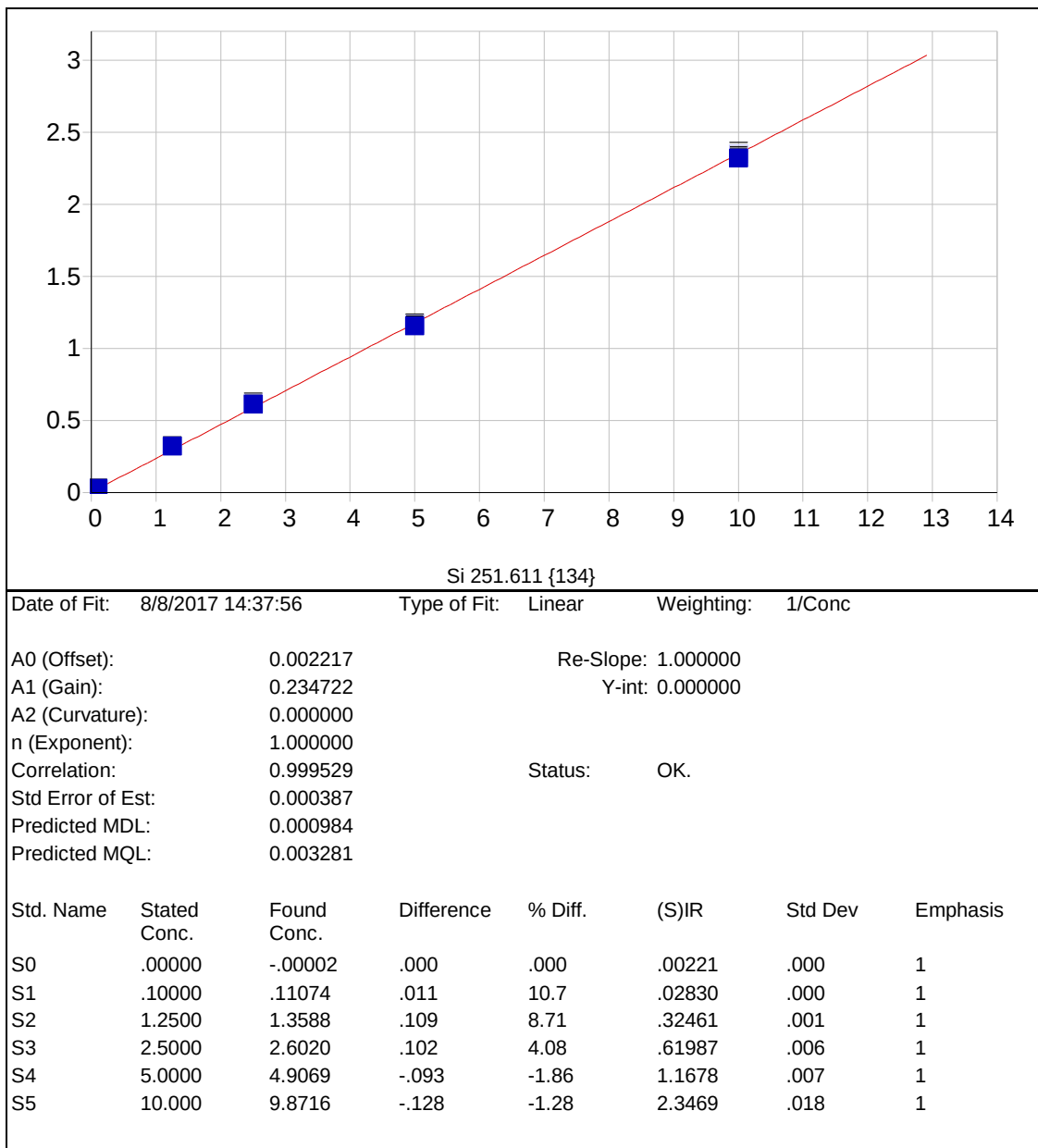
Std Error of Est: 0.000096

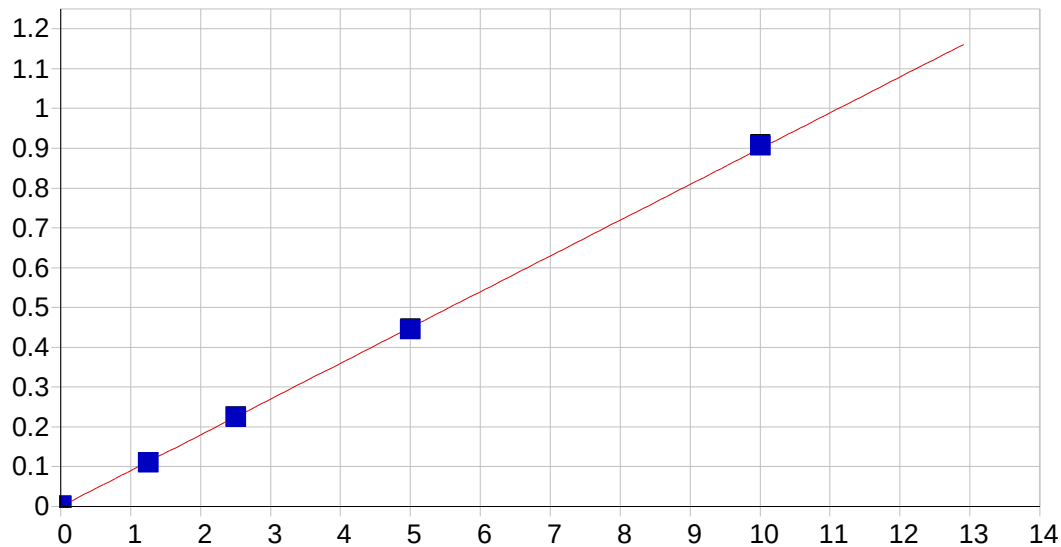
Predicted MDL: 0.000318

Predicted MQL: 0.001059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.01156	.002	15.6	.00745	.000	1
S2	1.2500	1.2648	.015	1.19	.79386	.002	1
S3	2.5000	2.5459	.046	1.84	1.5977	.004	1
S4	5.0000	4.9688	-.031	-.624	3.1181	.011	1
S5	10.000	9.9689	-.031	-.311	6.2557	.019	1







Sn 189.989 {478}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000055

Re-Slope: 1.000000

A1 (Gain): 0.089909

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999949

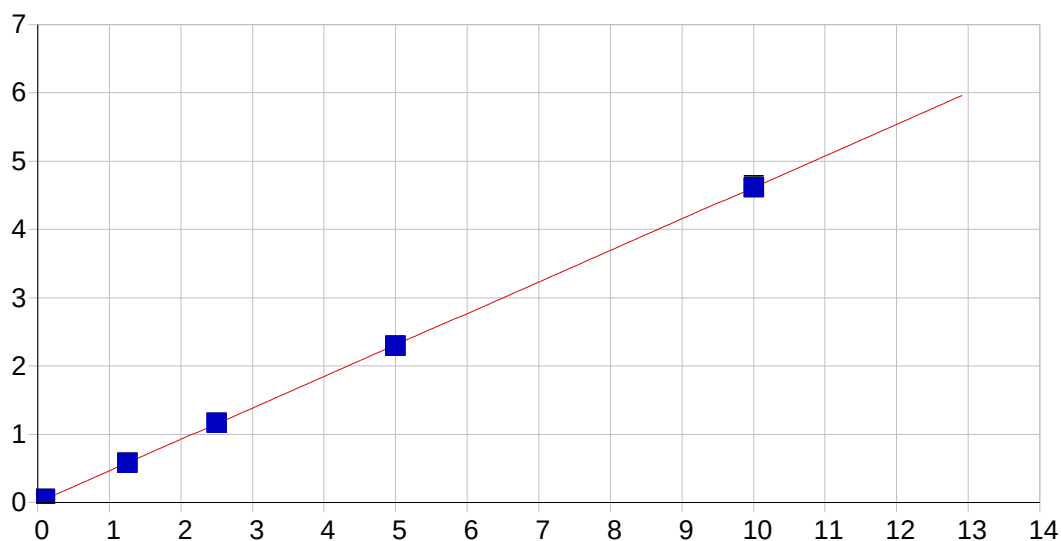
Status: OK.

Std Error of Est: 0.000013

Predicted MDL: 0.001167

Predicted MQL: 0.003889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00700	.00784	.001	11.9	.00075	.000	1
S2	1.2500	1.2230	-.027	-2.16	.10992	.000	1
S3	2.5000	2.4980	-.002	-.080	.22447	.001	1
S4	5.0000	4.9465	-.053	-1.07	.44444	.001	1
S5	10.000	10.082	.082	.816	.90577	.003	1



Ti 336.121 {100}

Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000759

Re-Slope: 1.000000

A1 (Gain): 0.461472

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999988

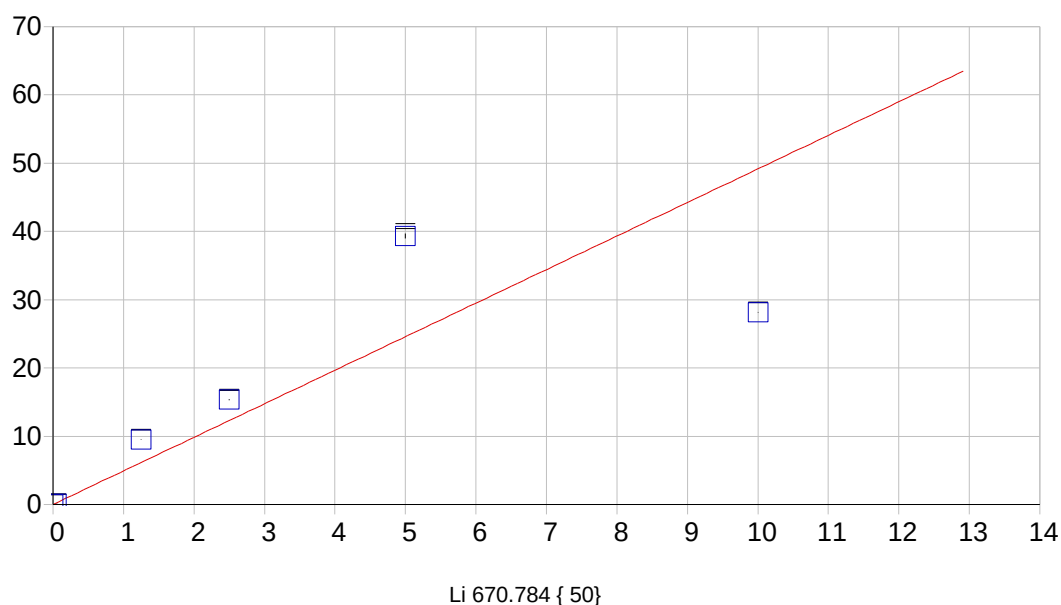
Status: OK.

Std Error of Est: 0.000122

Predicted MDL: 0.000601

Predicted MQL: 0.002003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.10000	.10267	.003	2.67	.04812	.000	1
S2	1.2500	1.2562	.006	.494	.58025	.001	1
S3	2.5000	2.5200	.020	.800	1.1633	.005	1
S4	5.0000	4.9683	-.032	-.633	2.2927	.008	1
S5	10.000	10.003	.003	.028	4.6152	.025	1



Date of Fit: 8/8/2017 14:37:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.008600

Re-Slope: 1.000000

A1 (Gain): 4.915505

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.904512

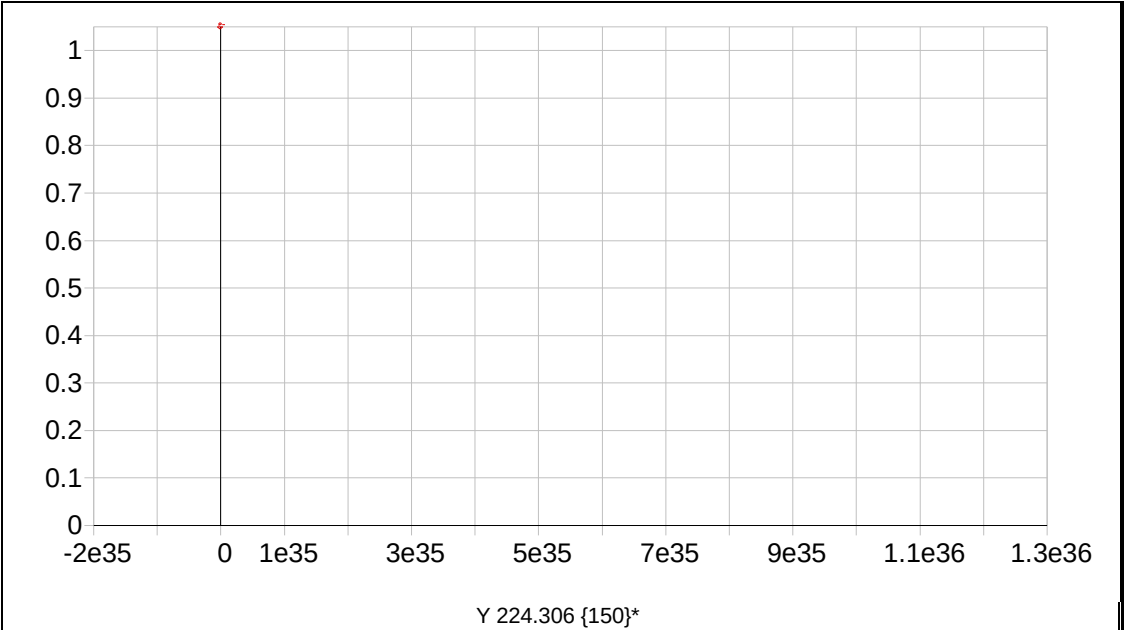
Status: OK.

Std Error of Est: 0.086973

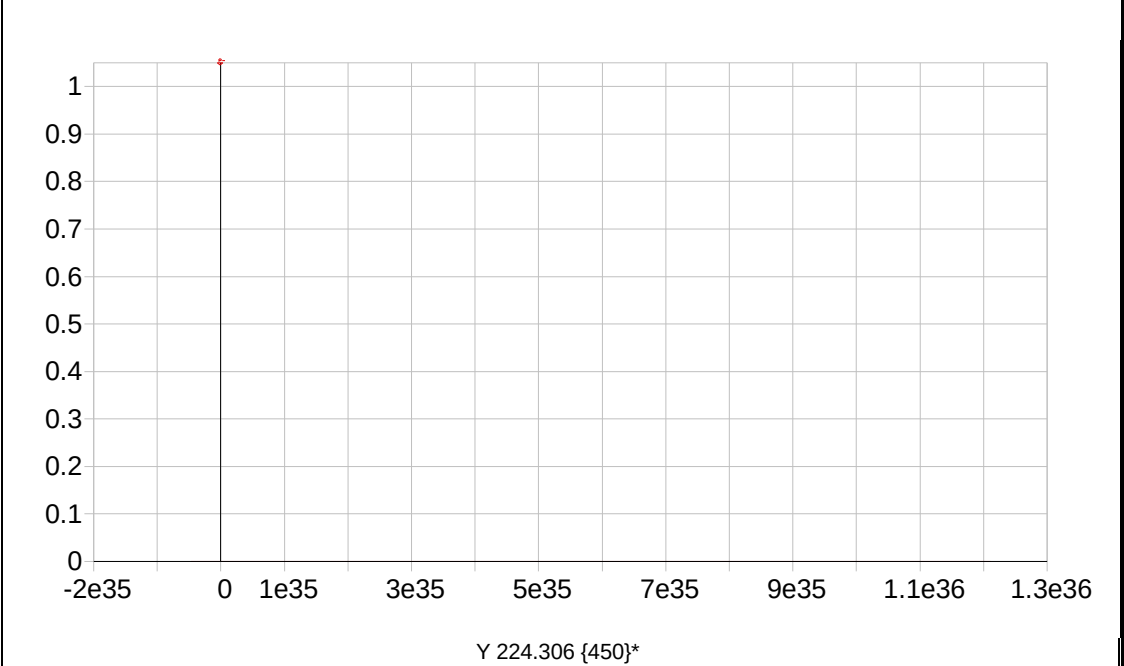
Predicted MDL: 0.000156

Predicted MQL: 0.000520

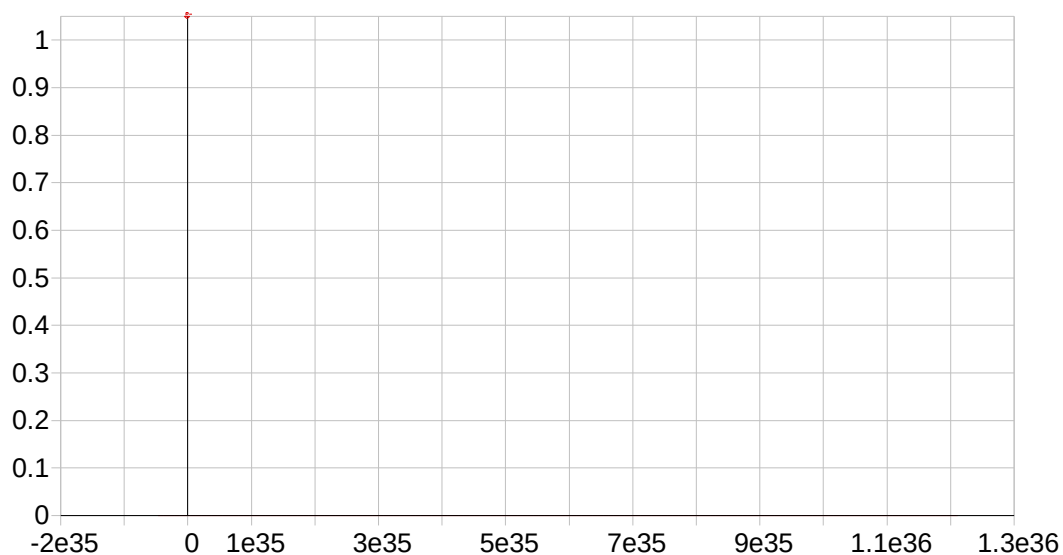
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00853	.000	1
S5	10.000	5.7286	-4.27	-42.7	28.168	.068	1
S4	5.0000	7.9997	3.00	60.0	39.331	.382	1
S3	2.5000	3.1223	.622	24.9	15.357	.103	1
S2	1.2500	1.9345	.684	54.8	9.5176	.017	1
S1	.05000	.01481	-.035	-70.4	.08142	.001	1



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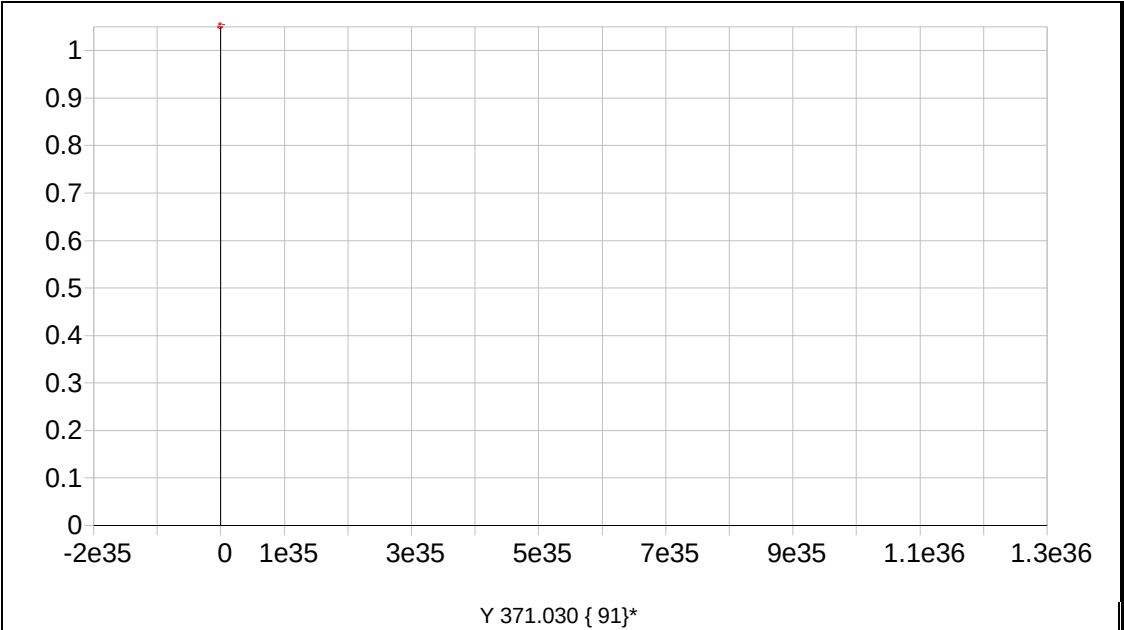


Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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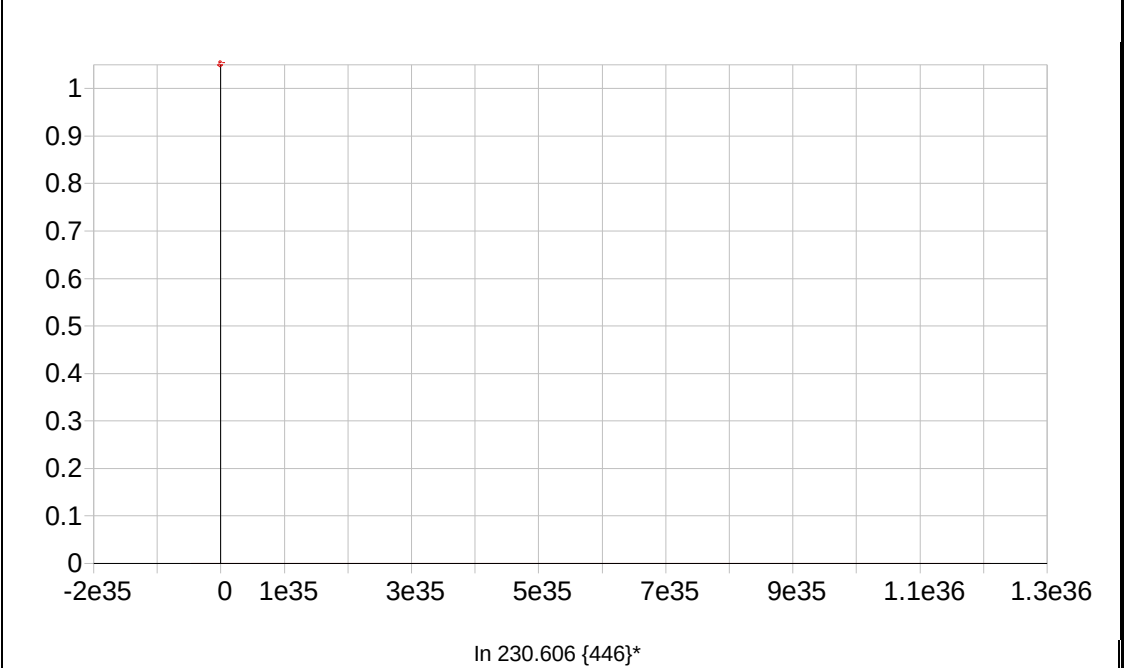
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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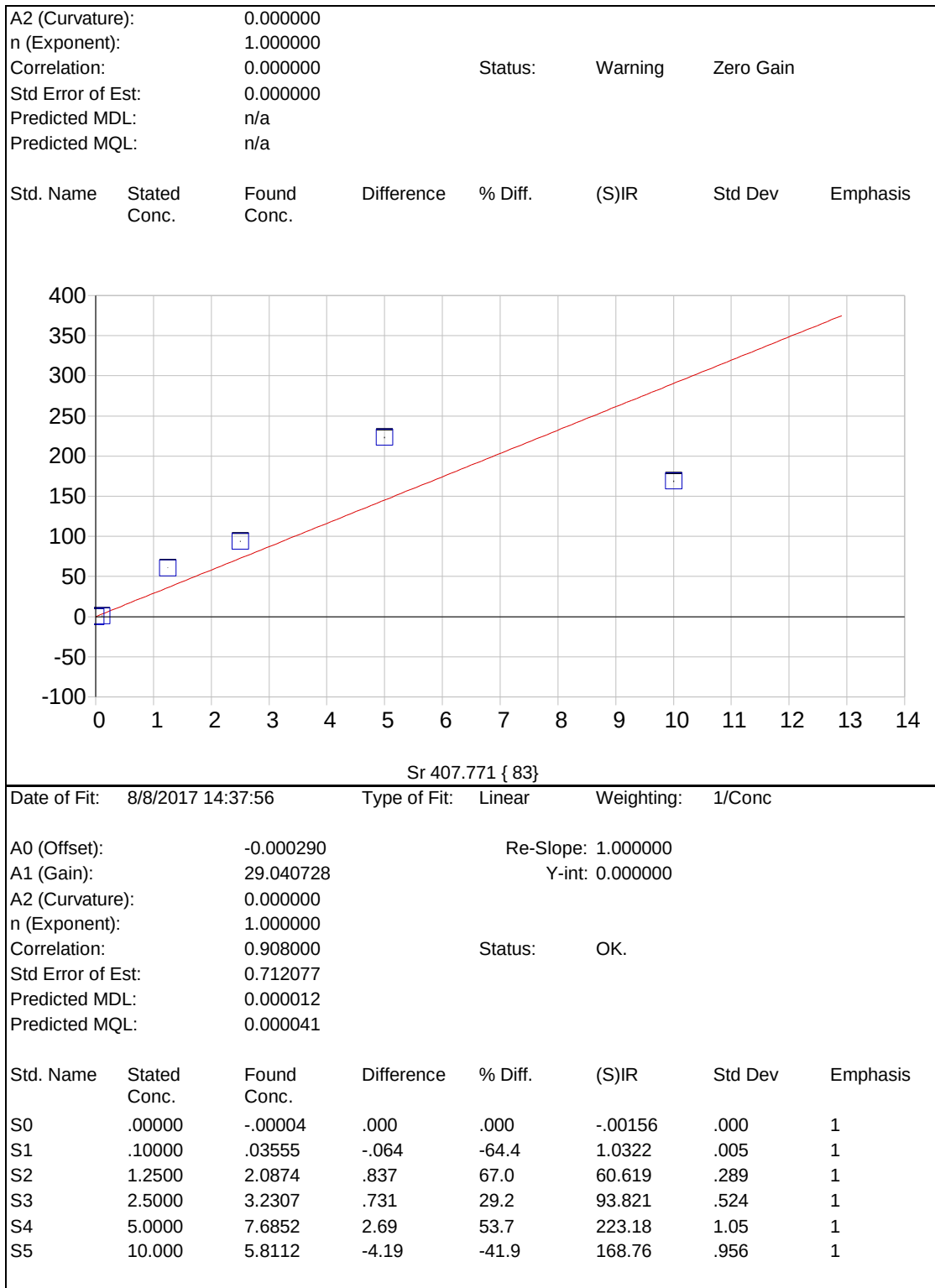


A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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



Sample Name: S0 Acquired: 8/8/2017 13:59:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00024	-.00015	.00009	.00023	.00003	-.00006	-.03763	-.00077
Stddev	.00007	.00004	.00039	.00001	.00018	.00025	.00158	.00018
%RSD	27.947	29.201	410.45	4.1015	542.32	428.15	4.2067	23.323

#1	-.00028	-.00013	-.00018	.00024	.00006	.00014	-.03589	-.00063
#2	-.00027	-.00020	-.00007	.00022	.00020	.00003	-.03897	-.00097
#3	-.00016	-.00012	.00054	.00023	-.00016	-.00034	-.03804	-.00070

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	-.00002	.00071	.00007	-.00010	.00083	.00010	-.00009	-.00003
Stddev	.00016	.00019	.00003	.00011	.00009	.00020	.00001	.00005
%RSD	942.66	26.288	33.898	110.23	11.298	191.04	5.7669	157.52

#1	.00017	.00064	.00005	-.00002	.00088	.00006	-.00008	-.00004
#2	-.00008	.00057	.00009	-.00024	.00090	.00032	-.00009	.00002
#3	-.00013	.00092	.00009	-.00005	.00073	-.00007	-.00009	-.00008

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	-.00055	-.00030	-.00448	.00003	-.00039	.00609	-.00091	.00167
Stddev	.00010	.00006	.00027	.00027	.00062	.00073	.00004	.00017
%RSD	17.490	21.235	6.0553	1092.1	156.69	12.032	3.9029	10.496

#1	-.00063	-.00038	-.00469	-.00002	.00030	.00592	-.00090	.00185
#2	-.00058	-.00026	-.00457	-.00022	-.00086	.00545	-.00095	.00164
#3	-.00044	-.00027	-.00417	.00032	-.00062	.00689	-.00088	.00151

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	.00019	.00030	.00221	.00005	.00076	.00853	-.00156	
Stddev	.00022	.00007	.00017	.00003	.00014	.00042	.00027	
%RSD	116.23	22.821	7.7999	50.105	18.593	4.9492	17.105	

#1	.00043	.00035	.00207	.00008	.00092	.00848	-.00159	
#2	.00001	.00022	.00217	.00005	.00067	.00814	-.00127	
#3	.00012	.00031	.00240	.00003	.00068	.00898	-.00180	

Sample Name: S0 Acquired: 8/8/2017 13:59:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1156.4	2083.1	45748.	9863.3	3428.5
Stddev	11.3	20.9	514.	159.8	28.1
%RSD	.97806	1.0016	1.1227	1.6204	.81980
#1	1146.7	2059.2	45159.	10043.	3397.3
#2	1153.6	2093.1	45983.	9737.6	3436.4
#3	1168.8	2097.2	46102.	9809.1	3451.8

Sample Name: S1 Acquired: 8/8/2017 14:03:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00024	.00184	.00211	.00203	.01162	.01868	.82340	.01419
Stddev	.00006	.00004	.00015	.00010	.00004	.00015	.00517	.00011
%RSD	23.215	2.3567	6.9084	4.9915	.33747	.78660	.62801	.79268

#1	.00018	.00183	.00226	.00196	.01166	.01877	.82773	.01414
#2	.00025	.00189	.00210	.00214	.01159	.01851	.82479	.01431
#3	.00030	.00181	.00197	.00198	.01161	.01876	.81768	.01411

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	.00758	.24774	.00141	.03674	.00761	.00261	.00815	.04148
Stddev	.00005	.00057	.00002	.00006	.00014	.00003	.00011	.00037
%RSD	.63375	.22859	1.6174	.15390	1.7818	1.0176	1.3868	.90178

#1	.00752	.24724	.00139	.03679	.00763	.00261	.00803	.04146
#2	.00761	.24762	.00143	.03668	.00746	.00258	.00825	.04111
#3	.00759	.24835	.00142	.03676	.00773	.00263	.00817	.04186

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	.02139	.00307	.03257	.00560	.01837	.13091	-.00037	.00443
Stddev	.00030	.00003	.00055	.00015	.00033	.00137	.00009	.00019
%RSD	1.4094	.89289	1.6919	2.5883	1.8067	1.0503	24.555	4.2921

#1	.02105	.00308	.03238	.00575	.01830	.13171	-.00047	.00465
#2	.02150	.00304	.03214	.00546	.01874	.13170	-.00033	.00435
#3	.02162	.00309	.03319	.00559	.01809	.12932	-.00030	.00429

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	.00745	.00230	.02830	.00075	.04812	.08142	1.0322	
Stddev	.00007	.00004	.00044	.00004	.00043	.00090	.0048	
%RSD	.87969	1.7375	1.5672	5.4134	.89831	1.1023	.46601	

#1	.00752	.00234	.02818	.00076	.04809	.08213	1.0378	
#2	.00742	.00226	.02879	.00070	.04771	.08171	1.0293	
#3	.00741	.00230	.02792	.00078	.04857	.08041	1.0296	

Sample Name: S1 Acquired: 8/8/2017 14:03:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1160.2	2054.7	45496.	9757.1	3301.0
Stddev	4.1	18.3	194.	74.4	24.5
%RSD	.35443	.88900	.42551	.76222	.74107
#1	1159.6	2039.3	45308.	9693.3	3279.9
#2	1156.4	2050.0	45695.	9739.3	3295.3
#3	1164.6	2074.9	45484.	9838.8	3327.8

Sample Name: S2 Acquired: 8/8/2017 14:07:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05792	.09310	1.1173	.06442	.23905	3.3925	11.743	.31466
Stddev	.00014	.00013	.0021	.00021	.00020	.0054	.033	.00156
%RSD	.24991	.14243	.19076	.32857	.08220	.15992	.28145	.49561

#1	.05778	.09308	1.1192	.06446	.23924	3.3977	11.779	.31332
#2	.05791	.09324	1.1150	.06419	.23885	3.3869	11.714	.31637
#3	.05807	.09298	1.1176	.06461	.23908	3.3930	11.738	.31430

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	.87013	3.0279	.45571	.47673	.94156	.83787	1.8656	.51291
Stddev	.00054	.0068	.00175	.00070	.00138	.00115	.0020	.00199
%RSD	.06214	.22504	.38332	.14611	.14620	.13783	.10957	.38812

#1	.87075	3.0207	.45634	.47693	.94265	.83654	1.8651	.51165
#2	.86977	3.0343	.45706	.47596	.94001	.83852	1.8679	.51521
#3	.86986	3.0286	.45374	.47731	.94201	.83855	1.8639	.51187

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	.34740	.09371	.26484	.06751	1.2037	.91239	.26678	.33380
Stddev	.00036	.00012	.00123	.00036	.0094	.00253	.00115	.00148
%RSD	.10500	.12411	.46627	.52817	.77651	.27703	.43061	.44326

#1	.34781	.09358	.26426	.06742	1.1990	.91172	.26742	.33306
#2	.34712	.09378	.26400	.06790	1.1977	.91027	.26746	.33550
#3	.34727	.09379	.26626	.06720	1.2145	.91519	.26545	.33284

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	.79386	.02658	.32461	.10992	.58025	9.5176	60.619	
Stddev	.00243	.00002	.00069	.00031	.00083	.0173	.289	
%RSD	.30642	.09120	.21273	.28432	.14310	.18195	.47714	

#1	.79404	.02661	.32417	.11014	.57936	9.5359	60.874	
#2	.79134	.02656	.32541	.11006	.58040	9.5015	60.304	
#3	.79619	.02657	.32427	.10957	.58100	9.5154	60.677	

Sample Name: S2 Acquired: 8/8/2017 14:07:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.5	1924.9	43193.	9736.9	2816.8
Stddev	11.8	2.8	71.	23.5	3.8
%RSD	1.0838	.14626	.16407	.24089	.13525
#1	1094.0	1922.5	43117.	9749.4	2812.5
#2	1103.5	1928.0	43204.	9709.9	2819.7
#3	1080.0	1924.1	43258.	9751.5	2818.3

Sample Name: S3 Acquired: 8/8/2017 14:11:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12003	.18484	2.2504	.13213	.49179	6.8418	23.284	.59861
Stddev	.00038	.00069	.0063	.00065	.00160	.0321	.104	.00668
%RSD	.31385	.37153	.27994	.48906	.32632	.46900	.44703	1.1164

#1	.12022	.18413	2.2477	.13192	.49057	6.8753	23.385	.60631
#2	.11960	.18550	2.2459	.13161	.49118	6.8388	23.290	.59441
#3	.12028	.18489	2.2576	.13286	.49361	6.8114	23.177	.59510

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	1.7538	5.9547	.87631	.96159	1.8970	1.6189	3.6131	1.0275
Stddev	.0089	.0451	.00300	.00241	.0072	.0087	.0192	.0048
%RSD	.50737	.75665	.34272	.25037	.38030	.53623	.53224	.47118

#1	1.7435	5.9665	.87620	.95970	1.9017	1.6243	3.6210	1.0323
#2	1.7584	5.9049	.87337	.96075	1.9006	1.6089	3.5912	1.0226
#3	1.7594	5.9927	.87937	.96430	1.8887	1.6235	3.6272	1.0275

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	.69826	.18868	.53871	.13030	2.5380	1.8187	.44211	.64395
Stddev	.00161	.00035	.00255	.00017	.0165	.0110	.00133	.00641
%RSD	.23015	.18426	.47278	.12846	.64935	.60727	.30020	.99542

#1	.69650	.18858	.54159	.13042	2.5190	1.8270	.44097	.65116
#2	.69965	.18906	.53778	.13011	2.5467	1.8229	.44357	.64179
#3	.69865	.18839	.53676	.13036	2.5483	1.8062	.44181	.63890

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	1.5977	.05108	.61987	.22447	1.1633	15.357	93.821	
Stddev	.0042	.00013	.00583	.00125	.0047	.103	.524	
%RSD	.26379	.26316	.94115	.55614	.40233	.67178	.55886	

#1	1.5955	.05116	.62623	.22305	1.1686	15.432	94.413	
#2	1.5951	.05116	.61861	.22539	1.1596	15.398	93.416	
#3	1.6026	.05093	.61477	.22497	1.1616	15.239	93.632	

Sample Name: S3 Acquired: 8/8/2017 14:11:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.2	1804.9	41367.	9640.8	2566.1
Stddev	13.0	13.5	156.	120.8	16.7
%RSD	1.2783	.74912	.37630	1.2527	.65122
#1	1014.0	1791.2	41303.	9512.8	2548.5
#2	1004.4	1818.3	41254.	9656.8	2581.8
#3	1030.1	1805.0	41545.	9752.8	2567.9

Sample Name: S4 Acquired: 8/8/2017 14:15:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24419	.35469	4.4574	.26471	.99883	13.922	45.605	1.1519
Stddev	.00109	.00062	.0096	.00097	.00637	.027	.414	.0080
%RSD	.44759	.17436	.21519	.36823	.63816	.19299	.90789	.69895

#1	.24528	.35448	4.4520	.26573	1.0061	13.952	45.141	1.1426
#2	.24421	.35539	4.4684	.26460	.99618	13.901	45.938	1.1570
#3	.24309	.35420	4.4517	.26379	.99420	13.913	45.735	1.1561

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	3.4715	11.847	1.6802	1.9126	3.8102	3.1433	7.0174	2.0492
Stddev	.0131	.104	.0022	.0049	.0053	.0217	.0550	.0069
%RSD	.37823	.87451	.12858	.25570	.13936	.69180	.78438	.33509

#1	3.4655	11.967	1.6792	1.9094	3.8145	3.1680	7.0809	2.0570
#2	3.4866	11.786	1.6826	1.9182	3.8119	3.1349	6.9871	2.0462
#3	3.4625	11.789	1.6786	1.9101	3.8043	3.1270	6.9842	2.0443

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	1.3652	.39007	1.0879	.25314	5.2838	3.6825	1.1702	1.2302
Stddev	.0015	.00048	.0003	.00160	.0854	.0031	.0028	.0076
%RSD	.10925	.12299	.03027	.63206	1.6155	.08294	.23847	.61356

#1	1.3669	.38995	1.0882	.25499	5.3818	3.6854	1.1709	1.2215
#2	1.3646	.39060	1.0880	.25226	5.2255	3.6793	1.1726	1.2349
#3	1.3642	.38966	1.0875	.25218	5.2442	3.6827	1.1672	1.2342

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	3.1181	.10887	1.1678	.44444	2.2927	39.331	223.18	
Stddev	.0113	.00077	.0070	.00108	.0085	.382	1.05	
%RSD	.36199	.71156	.59852	.24376	.36888	.97233	.47086	

#1	3.1283	.10847	1.1598	.44423	2.3025	39.386	222.45	
#2	3.1201	.10976	1.1728	.44561	2.2877	38.924	224.39	
#3	3.1060	.10838	1.1708	.44347	2.2880	39.683	222.71	

Sample Name: S4 Acquired: 8/8/2017 14:15:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	933.21	1683.3	39017.	9422.0	2302.9
Stddev	7.43	15.4	116.	11.9	14.7
%RSD	.79650	.91355	.29630	.12615	.63647
#1	924.63	1665.9	38888.	9435.1	2286.4
#2	937.36	1694.8	39109.	9411.9	2314.2
#3	937.63	1689.3	39056.	9418.9	2308.2

Sample Name: S5 Acquired: 8/8/2017 14:19:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.50275	.68494	8.7810	.53218	2.0643	27.688	89.045	2.4487
Stddev	.00136	.00187	.0101	.00121	.0073	.094	.559	.0085
%RSD	.27048	.27375	.11501	.22706	.35443	.33901	.62816	.34768

#1	.50398	.68670	8.7919	.53316	2.0724	27.629	89.177	2.4541
#2	.50298	.68514	8.7788	.53255	2.0624	27.796	89.527	2.4389
#3	.50129	.68297	8.7721	.53083	2.0581	27.639	88.432	2.4531

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	6.9372	23.544	3.2230	3.8533	7.6791	6.0855	13.699	4.0885
Stddev	.0052	.081	.1140	.0078	.0172	.0202	.058	.0166
%RSD	.07500	.34583	3.5373	.20165	.22353	.33111	.42605	.40545

#1	6.9330	23.625	3.1863	3.8549	7.6952	6.1082	13.764	4.1069
#2	6.9430	23.462	3.1318	3.8602	7.6610	6.0696	13.650	4.0748
#3	6.9357	23.545	3.3508	3.8449	7.6811	6.0788	13.685	4.0837

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	2.6780	.81928	2.1504	.49448	10.312	7.3075	.86407	2.3868
Stddev	.0048	.02778	.0056	.00175	.333	.0096	.00327	.0212
%RSD	.17777	3.3903	.26092	.35381	3.2322	.13079	.37848	.88916

#1	2.6806	.81599	2.1569	.49649	10.382	7.3149	.86758	2.4069
#2	2.6808	.79330	2.1464	.49370	9.9497	7.2967	.86354	2.3646
#3	2.6725	.84856	2.1480	.49326	10.605	7.3108	.86110	2.3889

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.2557	.24745	2.3469	.90577	4.6152	28.168	168.76	
Stddev	.0189	.00080	.0185	.00300	.0248	.068	.96	
%RSD	.30214	.32425	.78752	.33146	.53810	.24304	.56662	

#1	6.2711	.24753	2.3648	.90921	4.6438	28.236	169.37	
#2	6.2614	.24821	2.3279	.90367	4.5995	28.099	167.66	
#3	6.2346	.24661	2.3481	.90444	4.6023	28.167	169.25	

Sample Name: S5 Acquired: 8/8/2017 14:19:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.11	1560.6	38341.	9275.9	2059.9
Stddev	30.81	5.7	1186.	48.2	6.6
%RSD	3.4424	.36282	3.0940	.52013	.31916
#1	887.87	1556.0	38471.	9222.5	2055.0
#2	928.89	1559.0	39457.	9316.2	2057.3
#3	868.55	1566.9	37095.	9289.0	2067.4

Sample Name: S6 Acquired: 8/8/2017 14:24:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	72.146	37.779	15.832	6.3038	5.8209
Stddev	.257	.145	.052	.0253	.0261
%RSD	.35671	.38326	.32648	.40189	.44765

#1	72.413	37.832	15.823	6.3054	5.8179
#2	71.900	37.615	15.786	6.2777	5.7965
#3	72.124	37.890	15.888	6.3283	5.8484

Int. Std.	Y_3710
Units	Cts/S
Avg	8880.9
Stddev	19.3
%RSD	.21690

#1	8864.4
#2	8902.1
#3	8876.3

Sample Name: ICV Acquired: 8/8/2017 14:28:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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	.9578174	1.112835	1.002026	.9818454	.9671560	2.365153
Stddev	.0109684	.008597	.005804	.0105758	.0106881	.003530
%RSD	1.145144	.7725274	.5792357	1.077139	1.105102	.1492603

#1	.9667460	1.118978	1.002163	.9938544	.9773860	2.361461
#2	.9611324	1.116517	1.007760	.9777607	.9680198	2.365501
#3	.9455739	1.103011	.996154	.9739210	.9560623	2.368495

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5138110	.4766669	.4705290	10.47710	.5065612	.4765964
Stddev	.0014239	.0039878	.0036408	.05521	.0025899	.0022666
%RSD	.2771250	.8366079	.7737581	.5269896	.5112727	.4755829

#1	.5145242	.4728953	.4667645	10.53415	.5040568	.4748723
#2	.5121714	.4762649	.4740319	10.47323	.5063977	.4791638
#3	.5147373	.4808405	.4707904	10.42392	.5092289	.4757532

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5108569	5.331761	.5474813	6.023157	.4847240	.4694596
Stddev	.0021236	.016705	.0028163	.048512	.0017110	.0017642
%RSD	.4156872	.3133058	.5144074	.8054277	.3529854	.3757947

#1	.5105847	5.325128	.5488297	5.981272	.4837657	.4696569
#2	.5088825	5.350763	.5493698	6.011887	.4866994	.4676050
#3	.5131034	5.319391	.5442443	6.076313	.4837069	.4711168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10472	.5369167	.9258635	9.801595	F -.005757	F .1513701
Stddev	.08480	.0013205	.0245684	.052435	.000565	.0010485
%RSD	.8392078	.2459431	2.653563	.5349637	9.818101	.6926555

#1	10.12453	.5373932	.9541591	9.835867	-.005439	.1508225
#2	10.01177	.5379329	.9134837	9.741232	-.006409	.1507088
#3	10.17786	.5354241	.9099478	9.827684	-.005422	.1525790

Sample Name: ICV Acquired: 8/8/2017 14:28:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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 .1452035	.0024018	.1451060	F .1288154	.1434566	.0008381
Stddev	.0011726	.0028017	.0020007	.0015014	.0009180	.0000779
%RSD	.8075672	116.6502	1.378812	1.165518	.6398943	9.297788

#1	.1460334	.0045837	.1462556	.1270899	.1441510	.0008031
#2	.1457151	.0033793	.1427958	.1295326	.1438030	.0007838
#3	.1438620	-.000758	.1462667	.1298236	.1424159	.0009274

Elem	Sr4077
Units	ppm
Avg	.0038369
Stddev	.0000115
%RSD	.2996691

#1	.0038495
#2	.0038339
#3	.0038271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.457	1990.042	44777.19	9851.534	3169.131
Stddev	15.129	36.432	255.52	19.055	40.039
%RSD	1.353845	1.830719	.5706553	.1934256	1.263400

#1	1099.990	1948.643	44498.80	9833.245	3124.567
#2	1125.972	2004.269	44831.70	9850.084	3180.753
#3	1126.410	2017.214	45001.05	9871.273	3202.073

Sample Name: ICB Acquired: 8/8/2017 14:32:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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	.0028381	-.000197	-.001029	.0007342	-.001684	.0045613	-.000706
Stddev	.0020613	.000302	.000358	.0023075	.001100	.0018704	.000303
%RSD	72.63106	153.3030	34.74773	314.3093	65.31692	41.00455	42.83496

#1	.0021941	.000061	-.001090	.0018015	-.002394	.0025562	-.000792
#2	.0051445	-.000530	-.001353	-.001914	-.000417	.0062587	-.000957
#3	.0011756	-.000122	-.000645	.002315	-.002242	.0048692	-.000370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000131	.0000169	.0026080	-.000448	-.000093	.0002263	-.001537
Stddev	.0000604	.0001502	.0044773	.000333	.000146	.0001796	.002786
%RSD	459.0151	887.4646	171.6758	74.41236	157.2073	79.35617	181.2372

#1	.0000294	-.000156	-.002000	-.000365	.000060	.0000730	.000086
#2	-.000054	.000111	.006942	-.000815	-.000108	.0001820	-.004755
#3	.000064	.000096	.002882	-.000164	-.000232	.0004239	.000057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001047	-.007497	.0000414	-.000037	-.057159	-.001521	-.001726
Stddev	.0001841	.005217	.0003337	.000109	.075650	.001231	.003576
%RSD	175.8829	69.58543	806.5074	294.5161	132.3516	80.92026	207.1721

#1	.0003172	-.001978	-.000331	-.000031	.029564	-.000239	.001726
#2	-.000005	-.008167	.000314	.000069	-.091445	-.001631	-.001490
#3	.000002	-.012348	.000141	-.000149	-.109594	-.002693	-.005414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027442	.0002093	.0012262	-.000043	.0013392	-.001834	.0005551
Stddev	.015501	.0001433	.0004893	.000217	.0022573	.000223	.0004256
%RSD	56.48495	68.45144	39.90076	505.4992	168.5555	12.18346	76.66654

#1	-.009587	.0003620	.0009387	-.000113	.0015231	-.001857	.0010457
#2	-.035291	.0000779	.0017911	-.000216	-.001004	-.001600	.0003345
#3	-.037448	.0001879	.0009488	.000200	.003499	-.002045	.0002851

Sample Name: ICB Acquired: 8/8/2017 14:32:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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	.0003921	-.000205	-.000048
Stddev	.0002321	.000098	.000009
%RSD	59.18645	47.76071	18.15772

#1	.0002260	-.000196	-.000040
#2	.0002930	-.000307	-.000046
#3	.0006573	-.000112	-.000057

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.133	2075.105	46717.49	9987.512	3440.658
Stddev	17.392	25.639	352.67	56.293	43.370
%RSD	1.488831	1.235565	.7548938	.5636345	1.260528

#1	1148.742	2051.403	46413.19	9933.552	3408.231
#2	1182.352	2071.594	47104.00	9983.106	3423.820
#3	1173.304	2102.320	46635.28	10045.88	3489.922

Sample Name: ICSA Acquired: 8/8/2017 14:43:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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	.0029478	-.016146	-.001018	-.022864	-.000823	230.6148
Stddev	.0025325	.001730	.002888	.004380	.000922	.2167
%RSD	85.91152	10.71422	283.6061	19.15726	112.0131	.0939473

#1	.0058425	-.016155	.001064	-.021777	-.001667	230.7551
#2	.0018598	-.014411	-.004315	-.027686	-.000964	230.7241
#3	.0011411	-.017871	.000196	-.019130	.000161	230.3653

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040759	.0004813	.0053303	245.3601	.0439084	-.000645
Stddev	.0001094	.0001188	.0000294	.8586	.0002957	.000339
%RSD	2.684325	24.69295	.5514457	.3499482	.6734873	52.53450

#1	.0039867	.0004151	.0052967	244.5116	.0442162	-.000830
#2	.0040429	.0006185	.0053431	245.3403	.0436265	-.000254
#3	.0041980	.0004102	.0053511	246.2285	.0438823	-.000850

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194698	96.52342	.0142626	252.3542	.0013464	-.000317
Stddev	.0012036	.12587	.0003392	.4426	.0002034	.000282
%RSD	6.181816	.1304008	2.378612	.1753897	15.10377	88.95352

#1	.0198905	96.41053	.0144539	251.8483	.0012262	-.000223
#2	.0204065	96.50060	.0138709	252.6701	.0012319	-.000094
#3	.0181123	96.65914	.0144630	252.5442	.0015812	-.000634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2785693	-.000518	.0000072	-.026558	-.014252	F -.266253
Stddev	.0672122	.001181	.0027153	.002710	.000191	.001280
%RSD	24.12765	228.0869	37757.27	10.20349	1.338836	.4806610

#1	.2230729	-.001754	-.001276	-.026071	-.014141	-.266001
#2	.3533025	-.000400	.003126	-.024125	-.014472	-.267640
#3	.2593324	.000600	-.001829	-.029478	-.014142	-.265118

Sample Name: ICSA Acquired: 8/8/2017 14:43:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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	-.000970	.0228333	-.006078	-.004518	.0002711	.0005407
Stddev	.000409	.0049252	.000724	.001178	.0006237	.0000115
%RSD	42.11455	21.57011	11.90908	26.06924	230.0621	2.133025

#1	-.000651	.0278785	-.005595	-.005798	-.000256	.0005538
#2	-.000829	.0225837	-.005730	-.003479	.000109	.0005322
#3	-.001431	.0180376	-.006911	-.004278	.000960	.0005359

Elem	Sr4077
Units	ppm
Avg	.0317627
Stddev	.0000654
%RSD	.2058001

#1	.0318051
#2	.0317956
#3	.0316875

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.6757	1766.929	40231.20	9569.557	2480.120
Stddev	5.5213	2.982	98.43	24.381	2.890
%RSD	.5534165	.1687445	.2446661	.2547795	.1165073

#1	1003.277	1768.144	40174.62	9550.807	2478.425
#2	997.511	1763.531	40174.13	9560.746	2478.480
#3	992.239	1769.111	40344.86	9597.119	2483.457

Sample Name: ICSAB Acquired: 8/8/2017 14:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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	.0990403	.1075940	.0532538	.0292211	.5888158	239.4673
Stddev	.0007096	.0014116	.0027952	.0024202	.0054967	.7504
%RSD	.7164920	1.311976	5.248735	8.282255	.9335167	.3133578

#1	.0998271	.1061155	.0564784	.0296190	.5855166	240.2961
#2	.0988452	.1089275	.0515236	.0266267	.5951611	239.2719
#3	.0984487	.1077390	.0517592	.0314177	.5857696	238.8340

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177300	.4677127	1.001222	255.0145	.5362193	.5064824
Stddev	.0007286	.0009115	.005614	.7450	.0034762	.0012947
%RSD	.1407329	.1948807	.5607279	.2921539	.6482735	.2556286

#1	.5180007	.4673444	.995302	255.2502	.5375627	.5056283
#2	.5182845	.4687507	1.006470	254.1802	.5388233	.5079721
#3	.5169048	.4670429	1.001894	255.6132	.5322719	.5058468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5380905	99.93057	.5411514	261.3320	.9885355	.1996513
Stddev	.0026275	.23126	.0008749	.6127	.0046033	.0005121
%RSD	.4883089	.2314227	.1616639	.2344639	.4656650	.2564963

#1	.5408285	100.0773	.5406336	262.0329	.9841147	.1996309
#2	.5378537	99.6640	.5406591	260.8981	.9933017	.2001732
#3	.5355895	100.0505	.5421615	261.0649	.9881900	.1991497

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2941944	.4977794	.9726441	.0354092	.0414440	F .4796271
Stddev	.1080468	.0050800	.0070879	.0170621	.0002054	.0041701
%RSD	36.72633	1.020526	.7287263	48.18555	.4954801	.8694467

#1	.1805828	.4919909	.9666138	.0241084	.0416539	.4842844
#2	.3063526	.5014961	.9708670	.0550359	.0412435	.4762393
#3	.3956479	.4998511	.9804515	.0270835	.0414345	.4783576

Sample Name: ICSAB Acquired: 8/8/2017 14:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) 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 .6888315	.1953732	.6486178	F .6586894	.7128216	.0649337
Stddev	.0026321	.0069714	.0010889	.0030416	.0016917	.0004772
%RSD	.3821149	3.568271	.1678798	.4617638	.2373182	.7349067

#1	.6858482	.1875548	.6473948	.6621991	.7117682	.0654356
#2	.6908262	.1976223	.6489766	.6568210	.7119237	.0648796
#3	.6898200	.2009424	.6494821	.6570482	.7147729	.0644858

Elem	Sr4077
Units	ppm
Avg	.1014937
Stddev	.0002363
%RSD	.2328101

#1	.1016867
#2	.1015642
#3	.1012302

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1003.686	1772.057	40333.96	9594.619	2480.336
Stddev	2.727	5.463	149.21	35.557	7.704
%RSD	.2716780	.3083115	.3699263	.3705943	.3106059

#1	1003.121	1768.106	40222.71	9556.406	2476.592
#2	1001.286	1769.772	40275.65	9626.730	2475.219
#3	1006.651	1778.292	40503.51	9600.721	2489.196

Sample Name: CCV097 Acquired: 8/8/2017 15:18:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019767	4.804395	24.46026	4.917384	4.976402	383.5496
Stddev	.016816	.029942	.19376	.013246	.023885	2.9926
%RSD	.3349922	.6232249	.7921262	.2693746	.4799701	.7802333

#1	5.006366	4.782634	24.29013	4.902388	4.953305	380.1277
#2	5.038636	4.838543	24.67116	4.927492	5.001004	385.6769
#3	5.014298	4.792007	24.41950	4.922271	4.974896	384.8442

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.705696	.4953419	2.514062	401.4555	14.95860	2.527700
Stddev	.029893	.0047594	.023735	1.0382	.08749	.022570
%RSD	.3079980	.9608398	.9440977	.2586036	.5848614	.8929115

#1	9.685693	.4998355	2.495710	402.6500	15.05943	2.507800
#2	9.740060	.4958352	2.540866	400.7704	14.91356	2.552224
#3	9.691336	.4903550	2.505609	400.9461	14.90281	2.523078

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15264	390.6899	14.55679	403.0480	2.439888	1.300493
Stddev	.04677	.9104	.02928	.5952	.025280	.005044
%RSD	.3086282	.2330147	.2011228	.1476794	1.036096	.3878885

#1	15.12592	391.2691	14.58814	403.2328	2.418008	1.301041
#2	15.12535	389.6406	14.53017	402.3823	2.467561	1.295197
#3	15.20663	391.1600	14.55206	403.5289	2.434093	1.305241

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.1930	2.375593	14.52682	144.0892	F 2.947864	F 4.182930
Stddev	1.3901	.011203	.04554	.9341	.021293	.017491
%RSD	.3508657	.4715746	.3134792	.6482637	.7223166	.4181568

#1	395.0012	2.384605	14.49111	143.3607	2.938136	4.202200
#2	395.8578	2.363050	14.51124	143.7646	2.972283	4.178531
#3	397.7201	2.379124	14.57810	145.1423	2.933172	4.168058

Sample Name: CCV097 Acquired: 8/8/2017 15:18:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971516	5.277095	4.851687	4.935196	5.029014	2.889365
Stddev	.027257	.046372	.024599	.046770	.017150	.011631
%RSD	.5482555	.8787443	.5070158	.9476870	.3410189	.4025411

#1	4.947419	5.232313	4.878890	4.906855	5.046135	2.881164
#2	5.001098	5.324909	4.845164	4.989179	5.011835	2.884254
#3	4.966031	5.274062	4.831007	4.909554	5.029072	2.902676

Elem	Sr4077
Units	ppm
Avg	3.014009
Stddev	.012171
%RSD	.4038172

#1	3.014229
#2	3.026068
#3	3.001729

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.3958	1576.026	37380.75	9188.505	2051.642
Stddev	2.0129	7.501	119.78	35.997	13.766
%RSD	.2250554	.4759676	.3204338	.3917637	.6709891

#1	893.6189	1584.264	37327.75	9150.762	2065.862
#2	892.8871	1569.590	37517.89	9192.298	2038.380
#3	896.6813	1574.224	37296.61	9222.456	2050.683

Sample Name: CCB097 Acquired: 8/8/2017 15:23:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003636	.0007121	-.000607	.0003925	-.001328	.0059226	-.001692
Stddev	.002546	.0008174	.000831	.0028004	.000137	.0029661	.000147
%RSD	70.03685	114.7855	136.8966	713.4939	10.32233	50.08039	8.703814

#1	-.004005	.0006865	.000085	-.002187	-.001474	.0033560	-.001761
#2	-.000925	.0015420	-.000377	-.000007	-.001311	.0052419	-.001523
#3	-.005978	-.000092	-.001529	.003371	-.001201	.0091698	-.001792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000272	.0000291	.0027879	-.000397	-.000161	.0009217	.0036781
Stddev	.0000544	.0000605	.0053432	.000240	.000164	.0007568	.0066393
%RSD	199.7402	207.9854	191.6592	60.49741	101.6971	82.10885	180.5076

#1	.0000885	.0000210	.0031249	-.000121	-.000198	.0002677	-.000406
#2	.0000084	-.000027	-.002716	-.000555	.000018	.0017507	.011339
#3	-.000015	.000093	.007955	-.000514	-.000304	.0007467	.000101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001623	-.007554	.0000608	.0002358	.1073007	-.000286	.0011715
Stddev	.0003083	.005276	.0002264	.0001823	.1217637	.001840	.0011083
%RSD	189.9658	69.84639	372.5025	77.29062	113.4790	642.3943	94.60144

#1	.0003618	-.012492	.0002787	.0004445	.1605891	.001419	.0003774
#2	-.000193	-.008175	-.000173	.0001552	.1933359	-.000042	.0006996
#3	.000318	-.001995	.000077	.0001077	-.032023	-.002236	.0024377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386269	.0001090	.0060710	.0003781	.0060976	-.000859	.0000369
Stddev	.0297726	.0004323	.0005412	.0000754	.0016957	.000665	.0007614
%RSD	77.07739	396.7317	8.915366	19.92863	27.80846	77.33915	2062.218

#1	.0479753	.0001749	.0061542	.0003135	.0041403	-.000471	-.000539
#2	.0053020	-.000353	.0054930	.0003599	.0071208	-.001627	.000900
#3	.0626034	.000505	.0065658	.0004609	.0070318	-.000480	-.000250

Sample Name: CCB097 Acquired: 8/8/2017 15:23:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004598	.0006445	-.000016
Stddev	.0001708	.0001388	.000002
%RSD	37.15043	21.53884	9.772110

#1	.0005810	.0004848	-.000015
#2	.0002645	.0007365	-.000018
#3	.0005340	.0007121	-.000016

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.434	1973.907	44727.52	9871.050	3297.267
Stddev	26.009	16.731	1115.50	17.031	20.228
%RSD	2.346482	.8476013	2.493999	.1725344	.6134665

#1	1124.148	1958.792	45279.95	9856.275	3278.482
#2	1122.741	1971.044	45459.02	9867.196	3294.639
#3	1078.412	1991.884	43443.61	9889.677	3318.680

Sample Name: I4332-06DLX10 Acquired: 8/8/2017 15:27:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8G8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207936	-.001291	1.285472	-.004054	.0002285	6.419347	.2016752
Stddev	.0014655	.000874	.010079	.003269	.0003798	.009074	.0003188
%RSD	7.047763	67.70227	.7840627	80.64334	166.2005	.1413477	.1580589

#1	.0205566	-.001560	1.274280	-.002921	-.000086	6.410304	.2020024
#2	.0223631	-.002000	1.293832	-.001502	.000651	6.419287	.2013656
#3	.0194610	-.000314	1.288305	-.007739	.000121	6.428451	.2016578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011990	.0164156	53.52500	.0207528	.0059641	.2774790	24.20156
Stddev	.0000306	.0001688	.02215	.0001595	.0001914	.0004344	.01790
%RSD	2.549370	1.028062	.0413880	.7684309	3.209637	.1565616	.0739708

#1	.0012028	.0162349	53.51794	.0206850	.0058153	.2774183	24.19713
#2	.0011668	.0164429	53.50724	.0209349	.0058970	.2779406	24.22126
#3	.0012276	.0165691	53.54982	.0206383	.0061801	.2770781	24.18629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8152949	5.308063	.0146332	.0036002	.7791047	.0387899	7.805296
Stddev	.0009437	.007058	.0002747	.0000732	.0870597	.0020710	.041337
%RSD	.1157446	.1329606	1.876971	2.033199	11.17432	5.338991	.5295965

#1	.8148958	5.306877	.0145244	.0035246	.7321598	.0405229	7.766906
#2	.8146163	5.315639	.0144297	.0036053	.8795610	.0393504	7.849054
#3	.8163725	5.301674	.0149456	.0036707	.7255931	.0364963	7.799929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9861681	.1663117	-.028904	.0019683	1.226545	1.073588	.0053691
Stddev	.0134239	.0018808	.000278	.0006313	.011569	.006576	.0015984
%RSD	1.361218	1.130877	.9603819	32.07070	.9432530	.6125161	29.77040

#1	.9880538	.1641604	-.028684	.0013319	1.215152	1.074411	.0055970
#2	.9719011	.1676448	-.029216	.0019787	1.226201	1.066639	.0068413
#3	.9985494	.1671298	-.028812	.0025943	1.238283	1.079714	.0036690

Sample Name: I4332-06DLX10 Acquired: 8/8/2017 15:27:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET8G8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2036350	.0026334	.0255419
Stddev	.0003479	.0001097	.0000199
%RSD	.1708711	4.166470	.0779017

#1	.2038183	.0027592	.0255362
#2	.2038530	.0025836	.0255255
#3	.2032337	.0025575	.0255640

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.746	1982.038	44524.73	9720.818	3094.207
Stddev	3.340	13.807	143.97	27.806	21.988
%RSD	.3025839	.6966128	.3233577	.2860425	.7106342

#1	1100.520	1991.072	44477.82	9696.306	3115.021
#2	1103.529	1966.144	44410.07	9751.033	3071.208
#3	1107.189	1988.898	44686.31	9715.115	3096.392

Sample Name: I4388-21 Acquired: 8/8/2017 15:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712363	-.009529	.2988620	-.022740	.0016035	79.91921	1.584998
Stddev	.0014811	.000826	.0023921	.000837	.0016044	.48877	.012681
%RSD	2.079165	8.670024	.8003989	3.680265	100.0531	.6115771	.8000422

#1	.0695264	-.008697	.3015994	-.021797	.0004237	80.36798	1.592943
#2	.0720631	-.009541	.2978127	-.023395	.0034303	79.39844	1.570374
#3	.0721195	-.010349	.2971740	-.023028	.0009565	79.99121	1.591676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053479	.0387455	68.19464	.1054470	.0712826	.1886427	134.0425
Stddev	.0001220	.0004101	.32126	.0004706	.0003730	.0011278	.7039
%RSD	2.280849	1.058416	.4710878	.4463277	.5232783	.5978488	.5251539

#1	.0054565	.0392042	68.54005	.1050709	.0712471	.1883898	134.7759
#2	.0053712	.0386180	67.90478	.1052953	.0716721	.1876629	133.3723
#3	.0052159	.0384144	68.13910	.1059748	.0709286	.1898755	133.9793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.049027	31.30191	.1811489	.0000874	1.154419	.2170700	1.533207
Stddev	.017523	.30233	.0013729	.0001303	.113295	.0030360	.012808
%RSD	.4327741	.9658584	.7578640	148.9929	9.813994	1.398639	.8353723

#1	4.066148	31.62641	.1822179	.0002372	1.107384	.2205391	1.528326
#2	4.031128	31.02817	.1816282	-.000000	1.072217	.2157731	1.523558
#3	4.049805	31.25116	.1796007	.000025	1.283655	.2148978	1.547738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.03712	2.317704	-.305766	.0004820	1.680163	40.78696	.0084958
Stddev	.09196	.016381	.001502	.0004887	.027738	.38658	.0013694
%RSD	.5397710	.7067583	.4912839	101.3910	1.650901	.9477923	16.11801

#1	17.13369	2.335907	-.306889	.0009517	1.703024	41.17258	.0073854
#2	16.95059	2.313051	-.304059	-.000024	1.688160	40.78886	.0080761
#3	17.02707	2.304153	-.306349	.000518	1.649306	40.39943	.0100259

Sample Name: I4388-21 Acquired: 8/8/2017 15:31:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9M5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.378347	.0250525	.0808639
Stddev	.023005	.0001237	.0003614
%RSD	1.669034	.4935923	.4469883

#1	1.404840	.0251662	.0810305
#2	1.366783	.0249209	.0804492
#3	1.363418	.0250703	.0811120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.615	2095.176	48511.56	10930.97	2772.330
Stddev	8.392	17.509	187.82	81.45	24.269
%RSD	.7114520	.8356651	.3871731	.7451465	.8753957

#1	1180.164	2085.325	48485.66	10839.40	2751.950
#2	1187.719	2084.812	48710.99	10958.18	2765.863
#3	1170.962	2115.391	48338.04	10995.34	2799.177

Sample Name: I4382-09 Acquired: 8/8/2017 15:35:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET985 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717905	-.018828	15.44112	-.034765	.0056546	93.26448	3.496311
Stddev	.0019504	.001339	.11164	.001436	.0004656	.33043	.021629
%RSD	2.716795	7.109636	.7229931	4.129741	8.234432	.3542902	.6186355

#1	.0738399	-.017558	15.55823	-.034478	.0052873	93.48374	3.517888
#2	.0699571	-.018699	15.33591	-.036322	.0054981	93.42527	3.496415
#3	.0715743	-.020226	15.42920	-.033494	.0061783	92.88443	3.474629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096196	.0985913	62.51712	.1664419	.0737931	.6079012	206.4668
Stddev	.0000649	.0012668	.21962	.0017389	.0007080	.0059373	.8436
%RSD	.6746075	1.284917	.3512950	1.044767	.9594454	.9766833	.4085864

#1	.0095526	.0998026	62.49851	.1648956	.0743236	.6147129	206.4454
#2	.0096240	.0972755	62.74545	.1661058	.0729891	.6051670	207.3209
#3	.0096822	.0986959	62.30740	.1683244	.0740665	.6038236	205.6342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.579634	25.02870	.2004150	.0028185	1.614068	.2833516	9.603308
Stddev	.015922	.08679	.0022360	.0000730	.065462	.0007668	.049801
%RSD	.4447953	.3467555	1.115673	2.589106	4.055725	.2706080	.5185830

#1	3.576575	25.00421	.2024462	.0028478	1.581666	.2842223	9.630133
#2	3.596864	25.12510	.1980191	.0027354	1.689412	.2827771	9.545845
#3	3.565464	24.95679	.2007797	.0028722	1.571126	.2830555	9.633946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.25587	2.565127	-.478488	.0208543	6.818700	7.456792	.1327814
Stddev	.01838	.019173	.001978	.0005219	.059335	.149885	.0019407
%RSD	.1204611	.7474335	.4133130	2.502345	.8701819	2.010046	1.461550

#1	15.24084	2.586376	-.478430	.0212971	6.886273	7.504736	.1350192
#2	15.27636	2.549123	-.480493	.0202790	6.775113	7.576840	.1315609
#3	15.25041	2.559882	-.476539	.0209869	6.794714	7.288801	.1317640

Sample Name: I4382-09 Acquired: 8/8/2017 15:35:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET985 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9704366	.0246127	.1079755
Stddev	.0041298	.0002302	.0005849
%RSD	.4255634	.9353513	.5417204

#1	.9747835	.0248785	.1083342
#2	.9665650	.0244842	.1082917
#3	.9699612	.0244755	.1073005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.597	2090.741	49021.58	11045.78	2751.715
Stddev	6.455	16.470	134.26	57.15	24.033
%RSD	.5463078	.7877713	.2738819	.5174010	.8733930

#1	1176.065	2071.744	49138.37	11024.72	2725.413
#2	1188.689	2101.016	49051.48	11002.14	2772.531
#3	1180.038	2099.463	48874.89	11110.47	2757.200

Sample Name: I4382-13 Acquired: 8/8/2017 15:39:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET989 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1478425	-.018297	9.100567	-.050977	.0095567	94.53172	4.384966
Stddev	.0086053	.001949	.109176	.008253	.0011140	6.46734	.298850
%RSD	5.820580	10.65258	1.199664	16.18989	11.65712	6.841451	6.815333

#1	.1430190	-.017174	8.977317	-.041753	.0083575	101.9941	4.729667
#2	.1577776	-.017169	9.185136	-.057663	.0097532	90.5541	4.198571
#3	.1427309	-.020548	9.139248	-.053515	.0105595	91.0469	4.226660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152482	.2012029	189.8161	.1407607	.0854082	.8378286	262.6975
Stddev	.0008035	.0031079	12.3209	.0018195	.0013282	.0594650	17.9695
%RSD	5.269777	1.544659	6.490991	1.292582	1.555097	7.097512	6.840377

#1	.0161503	.1976788	204.0130	.1387070	.0838884	.9064574	283.4228
#2	.0146091	.2035520	181.9170	.1421709	.0863459	.8016013	251.4700
#3	.0149853	.2023779	183.5182	.1414044	.0859904	.8054273	253.1995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.716817	23.22072	.2593881	.0047993	3.017851	.2786540	13.60386
Stddev	.313958	1.51041	.0016260	.0010717	.191272	.0173373	.00381
%RSD	6.656148	6.504589	.6268709	22.33090	6.338004	6.221813	.0280322

#1	5.078632	24.95658	.2575660	.0060236	3.238704	.2986627	13.60810
#2	4.516223	22.20633	.2606916	.0043431	2.905726	.2692180	13.60276
#3	4.555597	22.49926	.2599068	.0040311	2.909124	.2680814	13.60072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.76688	3.835991	-.353653	.0450818	14.61930	5.564722	.1741924
Stddev	1.33781	.041122	.020011	.0006352	.16450	.385848	.0031853
%RSD	7.128545	1.071998	5.658421	1.408888	1.125212	6.933833	1.828600

#1	20.30738	3.788936	-.376760	.0443640	14.42967	6.009530	.1706006
#2	17.89724	3.854007	-.342168	.0453103	14.70462	5.364413	.1753026
#3	18.09603	3.865030	-.342031	.0455711	14.72361	5.320222	.1766741

Sample Name: I4382-13 Acquired: 8/8/2017 15:39:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET989 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.236085	.0252163	.1954910
Stddev	.081902	.0018524	.0134631
%RSD	6.625925	7.345902	6.886835

#1	1.330636	.0273538	.2110188
#2	1.187075	.0240796	.1870770
#3	1.190545	.0242154	.1883773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1143.723	2033.032	47990.63	11136.69	2600.176
Stddev	9.353	21.178	83.15	631.09	23.470
%RSD	.8177936	1.041683	.1732586	5.666778	.9026481

#1	1154.390	2057.261	48085.86	10409.26	2626.815
#2	1136.925	2018.048	47932.46	11537.96	2582.539
#3	1139.854	2023.788	47953.56	11462.85	2591.174

Sample Name: PB101339BL Acquired: 8/8/2017 16:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008009	.0004953	-.000330	.0003153	-.001638	.0009968	-.001190
Stddev	.0023009	.0011006	.000939	.0020246	.000776	.0056565	.000212
%RSD	287.2717	222.2229	284.1368	642.0610	47.39445	567.4563	17.83867

#1	.0034422	.0003503	-.001009	.0018502	-.002239	.0044019	-.000948
#2	-.000271	.0016611	.000741	.0010750	-.000761	-.005533	-.001280
#3	-.000768	-.000526	-.000723	-.001979	-.001913	.004121	-.001343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000949	-.000037	.0044799	.0006327	-.000146	-.000084	-.002580
Stddev	.0000058	.000066	.0060185	.0001142	.000103	.000977	.005490
%RSD	6.151702	178.0805	134.3427	18.05385	70.41182	1158.123	212.7746

#1	.0001005	.000035	-.001601	.0007604	-.000177	-.000228	.001905
#2	.0000888	-.000095	.004607	.0005403	-.000031	.000956	-.000942
#3	.0000954	-.000053	.010434	.0005974	-.000230	-.000981	-.008703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002470	-.010683	-.000035	.0001966	-.095407	-.000725	.0008177
Stddev	.0002394	.014767	.000209	.0000678	.045968	.000831	.0015752
%RSD	96.92443	138.2237	605.7061	34.50919	48.18130	114.6254	192.6437

#1	.0000158	.003699	.000199	.0002658	-.042733	-.001112	.0003300
#2	.0002314	-.009942	-.000203	.0001936	-.127413	-.001291	-.000456
#3	.0004938	-.025806	-.000100	.0001303	-.116077	.000229	.002579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009183	-.000203	-.004093	-.000064	.0138450	-.001966	.0012160
Stddev	.035015	.000405	.000815	.000223	.0027992	.000447	.0006436
%RSD	381.3090	199.4180	19.90663	350.4303	20.21786	22.71721	52.92316

#1	-.042697	-.000187	-.003265	-.000304	.0126072	-.002480	.0008401
#2	-.012014	-.000616	-.004894	-.000023	.0170496	-.001741	.0008488
#3	.027162	.000194	-.004120	.000136	.0118781	-.001676	.0019591

Sample Name: PB101339BL Acquired: 8/8/2017 16:21:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001181	-.000737	-.000058
Stddev	.0001851	.000085	.000003
%RSD	156.7377	11.56693	5.238113

#1	.0003310	-.000835	-.000055
#2	.0000270	-.000695	-.000060
#3	-.000004	-.000681	-.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.965	2023.539	45184.03	9946.293	3337.849
Stddev	11.346	10.642	4.65	54.060	11.058
%RSD	1.000596	.5259050	.0102803	.5435228	.3312777

#1	1147.055	2020.781	45183.09	9954.512	3329.271
#2	1127.883	2014.548	45179.92	9888.594	3333.947
#3	1126.955	2035.289	45189.07	9995.773	3350.328

Sample Name: PB101341BL Acquired: 8/8/2017 16:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014798	.0007578	-.000692	-.002493	-.001364	.0022179	-.001585
Stddev	.0016052	.0006941	.001008	.001771	.000641	.0026147	.000093
%RSD	108.4688	91.59190	145.5461	71.05070	46.98004	117.8899	5.838204

#1	.0026297	.0010572	-.000460	-.003360	-.001280	.0050259	-.001628
#2	.0021638	-.000036	-.001796	-.003664	-.002043	-.000147	-.001648
#3	-.000354	.001252	.000179	-.000455	-.000770	.001775	-.001479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000470	-.000032	.0018356	-.000398	-.000042	.0005399	-.004336
Stddev	.0000559	.000041	.0105872	.000173	.000185	.0005441	.001804
%RSD	119.1570	125.7330	576.7572	43.34990	440.9802	100.7794	41.60934

#1	.0000233	.000005	.0115196	-.000473	.000080	.0000872	-.006162
#2	.0000067	-.000026	-.009468	-.000520	-.000255	.0011435	-.004292
#3	.0001108	-.000076	.003455	-.000201	.000049	.0003890	-.002555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001912	.0025251	.0000892	.0002120	-.013591	-.000531	-.001587
Stddev	.0001663	.0079474	.0002030	.0000087	.041146	.000971	.001156
%RSD	86.94626	314.7443	227.5926	4.084660	302.7500	182.7318	72.81045

#1	.0001391	-.002061	-.000119	.0002023	-.047988	.000520	-.000466
#2	.0003773	.011702	.000101	.0002189	.031991	-.000721	-.002775
#3	.0000573	-.002066	.000286	.0002148	-.024775	-.001394	-.001520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.041873	-.000132	-.004212	-.000038	.0102463	-.002685	-.000453
Stddev	.024877	.000292	.000754	.000240	.0030594	.000615	.000162
%RSD	59.41002	221.0240	17.90583	634.3663	29.85834	22.91876	35.71193

#1	-.069222	.000014	-.005044	-.000293	.0128328	-.002677	-.000630
#2	-.020590	.000058	-.003574	-.000003	.0110368	-.002074	-.000414
#3	-.035808	-.000468	-.004016	.000183	.0068693	-.003305	-.000314

Sample Name: PB101341BL Acquired: 8/8/2017 16:25:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003658	-.000641	-.000063
Stddev	.0002027	.000051	.000005
%RSD	55.41656	7.975227	7.974754

#1	.0001526	-.000645	-.000063
#2	.0003889	-.000689	-.000058
#3	.0005561	-.000587	-.000068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.318	1975.742	44549.51	9873.144	3271.091
Stddev	4.989	16.180	201.75	49.395	11.239
%RSD	.4464804	.8189573	.4528781	.5002980	.3435957

#1	1122.445	1965.341	44777.81	9849.043	3263.362
#2	1112.480	1967.501	44395.20	9929.964	3265.927
#3	1117.029	1994.384	44475.51	9840.427	3283.984

Sample Name: PB101339BS Acquired: 8/8/2017 16:29:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166863	.0491904	.0214902	.0697606	.1088853	.3683771
Stddev	.0030180	.0011758	.0012139	.0009481	.0012516	.0076304
%RSD	18.08639	2.390249	5.648574	1.359058	1.149429	2.071350

#1	.0201123	.0503400	.0228886	.0688151	.1102330	.3770593
#2	.0144212	.0492410	.0207081	.0697555	.1086635	.3653348
#3	.0155255	.0479901	.0208738	.0707112	.1077595	.3627371

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3533472	.0097849	.0096785	9.605765	.0223790	.0902677
Stddev	.0007435	.0000548	.0001881	.013975	.0000708	.0003978
%RSD	.2104109	.5602444	1.943630	.1454842	.3162012	.4407361

#1	.3541077	.0098304	.0096794	9.600467	.0222993	.0900890
#2	.3533118	.0098003	.0098661	9.595213	.0224344	.0907236
#3	.3526220	.0097240	.0094899	9.621614	.0224033	.0899905

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510446	.2165945	.0327733	9.402105	.0724598	.0191102
Stddev	.0001200	.0036492	.0006892	.014357	.0004478	.0002817
%RSD	.2351619	1.684807	2.103004	.1526946	.6179367	1.474291

#1	.0509072	.2164956	.0319867	9.389140	.0723482	.0188783
#2	.0511291	.2202921	.0332713	9.399640	.0729527	.0194237
#3	.0510974	.2129957	.0330620	9.417534	.0720783	.0190284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.586661	.0980885	.1105792	8.834023	F .0081253	F .0164893
Stddev	.159346	.0017720	.0026606	.050254	.0005625	.0004483
%RSD	1.662160	1.806502	2.406040	.5688705	6.922490	2.718676

#1	9.467801	.0970587	.1075491	8.881323	.0085555	.0169345
#2	9.767727	.1001346	.1116557	8.781261	.0074888	.0164954
#3	9.524456	.0970722	.1125329	8.839485	.0083317	.0160380

Sample Name: PB101339BS Acquired: 8/8/2017 16:29:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233291	.1714539	.1830065	F .0129626	.2019006	.0288779
Stddev	.0002287	.0033488	.0016558	.0001679	.0008608	.0002314
%RSD	.9803910	1.953191	.9047564	1.295532	.4263325	.8011557

#1	.0234740	.1716370	.1848714	.0131560	.2009068	.0291425
#2	.0234479	.1680173	.1817091	.0128545	.2023796	.0287138
#3	.0230654	.1747074	.1824389	.0128772	.2024152	.0287775

Elem	Sr4077
Units	ppm
Avg	.0690045
Stddev	.0001835
%RSD	.2659397

#1	.0691779
#2	.0688123
#3	.0690232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.580	1919.957	43977.31	9919.439	3112.393
Stddev	4.855	7.662	39.28	23.801	8.865
%RSD	.4505082	.3990910	.0893268	.2399422	.2848417

#1	1083.140	1915.708	44016.13	9894.040	3109.631
#2	1075.419	1915.361	43978.22	9941.230	3105.236
#3	1074.182	1928.803	43937.58	9923.047	3122.310

Sample Name: PB101341BS Acquired: 8/8/2017 16:33:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177114	.0494117	.0227804	.0667950	.1126236	.3865909
Stddev	.0040829	.0023041	.0006932	.0013503	.0002927	.0043226
%RSD	23.05255	4.663104	3.043189	2.021491	.2598982	1.118146

#1	.0174820	.0517353	.0219807	.0673698	.1126188	.3830120
#2	.0219042	.0471275	.0232117	.0677629	.1129187	.3913934
#3	.0137480	.0493722	.0231487	.0652525	.1123333	.3853672

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3657595	.0100951	.0099748	10.14619	.0231614	.0934779
Stddev	.0003644	.0000933	.0000601	.03595	.0002527	.0001575
%RSD	.0996235	.9243868	.6021565	.3542804	1.090847	.1684627

#1	.3657288	.0100208	.0100236	10.12054	.0228925	.0936594
#2	.3654115	.0101998	.0099077	10.13076	.0233939	.0933966
#3	.3661383	.0100647	.0099930	10.18728	.0231979	.0933778

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522740	.2562268	.0348534	9.727191	.0750567	.0198704
Stddev	.0004697	.0031064	.0005623	.040780	.0003945	.0001546
%RSD	.8986129	1.212346	1.613200	.4192419	.5256502	.7779050

#1	.0526967	.2556147	.0342744	9.700728	.0754634	.0200452
#2	.0523570	.2595936	.0353973	9.706690	.0750310	.0197518
#3	.0517683	.2534720	.0348887	9.774154	.0746756	.0198141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.820165	.1013972	.1259341	9.159224	F .0093879	F .0180938
Stddev	.017182	.0009109	.0025036	.038230	.0002003	.0005613
%RSD	.1749709	.8983605	1.988007	.4173897	2.133656	3.102347

#1	9.833071	.1011258	.1230590	9.197695	.0095492	.0178129
#2	9.826762	.1006528	.1271101	9.121240	.0091637	.0187402
#3	9.800662	.1024130	.1276332	9.158737	.0094507	.0177284

Sample Name: PB101341BS Acquired: 8/8/2017 16:33:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239225	.1807928	.1896525	F .0156059	.2074808	.0296088
Stddev	.0003244	.0025202	.0020452	.0009434	.0014219	.0001684
%RSD	1.356041	1.393994	1.078393	6.044862	.6853380	.5686118

#1	.0237727	.1804642	.1902130	.0164166	.2074325	.0294490
#2	.0237001	.1784530	.1913590	.0158305	.2089263	.0297846
#3	.0242947	.1834612	.1873855	.0145705	.2060836	.0295927

Elem	Sr4077
Units	ppm
Avg	.0711879
Stddev	.0001707
%RSD	.2397344

#1	.0713627
#2	.0711793
#3	.0710217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.394	1917.008	43979.02	9923.234	3109.506
Stddev	5.026	7.683	60.61	33.254	12.514
%RSD	.4664867	.4007890	.1378133	.3351157	.4024576

#1	1075.973	1908.585	43938.92	9885.022	3096.536
#2	1082.977	1918.804	44048.74	9939.063	3110.472
#3	1073.231	1923.633	43949.39	9945.617	3121.509

Sample Name: I4452-01 Acquired: 8/8/2017 16:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350545	-.020314	.0657627	-.035323	.0026376	82.64332	.6137851
Stddev	.0010599	.002558	.0014644	.004515	.0015060	.42301	.0040693
%RSD	3.023605	12.59290	2.226771	12.78322	57.09653	.5118469	.6629767

#1	.0354256	-.022585	.0672454	-.030329	.0042512	82.17662	.6093587
#2	.0338589	-.020815	.0657253	-.036521	.0012694	82.75185	.6146331
#3	.0358789	-.017543	.0643174	-.039118	.0023921	83.00148	.6173636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061100	.0116571	19.37303	.0919127	.0888528	.1526071	181.3079
Stddev	.0001008	.0001376	.14271	.0006434	.0001968	.0010361	1.2238
%RSD	1.649289	1.180235	.7366207	.7000002	.2215405	.6789239	.6749642

#1	.0059945	.0116569	19.22394	.0914604	.0890305	.1515209	179.9929
#2	.0061797	.0117948	19.38680	.0926492	.0888866	.1527158	181.5173
#3	.0061558	.0115196	19.50835	.0916283	.0886412	.1535845	182.4134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.149927	48.36235	.1533849	-.000623	1.107479	.1126464	.2727211
Stddev	.012592	.20110	.0005389	.000103	.090599	.0017610	.0014145
%RSD	.5856777	.4158094	.3513093	16.50581	8.180646	1.563318	.5186506

#1	2.137908	48.13894	.1534857	-.000735	1.028872	.1123163	.2740899
#2	2.148852	48.52887	.1528028	-.000533	1.206564	.1110738	.2712650
#3	2.163022	48.41923	.1538663	-.000600	1.087001	.1145491	.2728083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.226147	.7400136	-.475851	-.000548	.1194724	5.149656	.0069243
Stddev	.010409	.0027744	.001250	.000419	.0049681	.058448	.0008005
%RSD	.1265373	.3749146	.2627118	76.45241	4.158387	1.134994	11.56128

#1	8.214193	.7404469	-.476089	-.000907	.1167934	5.176188	.0062964
#2	8.231041	.7425459	-.476966	-.000649	.1252050	5.082648	.0078257
#3	8.233208	.7370480	-.474499	-.000088	.1164188	5.190132	.0066507

Sample Name: I4452-01 Acquired: 8/8/2017 16:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.004455	.0354662	.0198352
Stddev	.005298	.0001566	.0001271
%RSD	.5274860	.4414344	.6405683

#1	.998458	.0354085	.0196960
#2	1.008500	.0353467	.0198648
#3	1.006408	.0356434	.0199449

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.648	2024.589	47097.01	11003.63	2809.078
Stddev	2.334	1.353	81.42	52.20	3.100
%RSD	.2015763	.0668322	.1728685	.4743836	.1103490

#1	1158.298	2026.026	47049.54	11061.08	2811.551
#2	1159.587	2023.340	47050.48	10990.70	2805.600
#3	1155.058	2024.400	47191.02	10959.12	2810.083

Sample Name: I4452-02 Acquired: 8/8/2017 16:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341522	-.020459	.0679561	-.036266	.0015432	81.67028	.6129686
Stddev	.0047060	.000967	.0011216	.004092	.0006285	.07078	.0004759
%RSD	13.77948	4.726418	1.650429	11.28307	40.72418	.0866607	.0776388

#1	.0395825	-.021507	.0668815	-.038269	.0011638	81.61359	.6135175
#2	.0316101	-.020268	.0678675	-.038971	.0011972	81.74961	.6126711
#3	.0312639	-.019602	.0691194	-.031559	.0022687	81.64763	.6127173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059136	.0117379	19.31654	.0920812	.0880906	.1540499	180.6036
Stddev	.0000321	.0002964	.09191	.0023405	.0004273	.0012023	.8192
%RSD	.5424792	2.525508	.4758086	2.541783	.4851150	.7804453	.4536081

#1	.0058779	.0115568	19.22226	.0945879	.0876355	.1550428	179.6756
#2	.0059230	.0120800	19.40588	.0899531	.0881531	.1527132	181.2265
#3	.0059400	.0115768	19.32147	.0917027	.0884833	.1543936	180.9088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.137922	48.22628	.1531860	-.000271	1.153905	.1119120	.2709440
Stddev	.013135	.10907	.0017301	.000508	.028090	.0009286	.0079274
%RSD	.6143829	.2261650	1.129439	187.5285	2.434313	.8297290	2.925828

#1	2.122880	48.10039	.1516142	-.000842	1.180524	.1125006	.2770860
#2	2.143757	48.28596	.1529040	.000129	1.124545	.1123938	.2737509
#3	2.147128	48.29249	.1550398	-.000100	1.156645	.1108415	.2619951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.140182	.7421419	-.474555	-.001286	.1220266	5.161055	.0076811
Stddev	.036813	.0056336	.001552	.000392	.0032426	.027458	.0005689
%RSD	.4522333	.7590986	.3270746	30.48302	2.657292	.5320189	7.405941

#1	8.138317	.7357745	-.476023	-.000919	.1204363	5.185289	.0083166
#2	8.177892	.7441726	-.472930	-.001699	.1257573	5.131233	.0075073
#3	8.104337	.7464787	-.474711	-.001242	.1198862	5.166644	.0072194

Sample Name: I4452-02 Acquired: 8/8/2017 16:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.001309	.0357007	.0199482
Stddev	.003673	.0003335	.0001569
%RSD	.3668636	.9341670	.7867508

#1	.997940	.0360829	.0201210
#2	1.000762	.0354693	.0198145
#3	1.005225	.0355497	.0199092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1146.113	1966.561	46781.55	10913.84	2745.501
Stddev	20.086	8.304	786.60	6.69	7.250
%RSD	1.752533	.4222840	1.681434	.0613271	.2640624

#1	1123.405	1970.291	45899.95	10921.21	2753.637
#2	1161.555	1957.046	47411.64	10908.13	2739.727
#3	1153.379	1972.347	47033.06	10912.19	2743.137

Sample Name: I4452-03 Acquired: 8/8/2017 16:45:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1154113	.1202652	.1093965	.0645887	.2074111	85.54519	4.911071
Stddev	.0035555	.0020449	.0028415	.0008698	.0043221	.11745	.005069
%RSD	3.080721	1.700369	2.597388	1.346737	2.083837	.1372955	.1032235

#1	.1181586	.1222149	.1126139	.0652764	.2123837	85.41395	4.910871
#2	.1166799	.1204440	.1083444	.0636109	.2052942	85.64041	4.916237
#3	.1113955	.1181367	.1072311	.0648790	.2045556	85.58121	4.906104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985431	.1182026	18.85567	.4982078	1.213060	.6795692	178.9665
Stddev	.0013340	.0023063	.04160	.0073474	.020471	.0047666	.1844
%RSD	1.353738	1.951173	.2206481	1.474773	1.687519	.7014184	.1030378

#1	.0988269	.1208657	18.90344	.5013713	1.236475	.6750911	179.1119
#2	.0970901	.1168773	18.82735	.4898085	1.204150	.6845796	178.7591
#3	.0997124	.1168647	18.83622	.5034436	1.198554	.6790370	179.0285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.172309	47.49445	1.250582	.0458267	1.147122	1.169609	1.181854
Stddev	.009387	.03138	.021980	.0008361	.079543	.001875	.012918
%RSD	.2959023	.0660648	1.757556	1.824556	6.934150	.1603369	1.092994

#1	3.176729	47.53055	1.275290	.0460281	1.172606	1.171456	1.196393
#2	3.161528	47.47906	1.243254	.0449083	1.210800	1.169664	1.177474
#3	3.178670	47.47374	1.233203	.0465438	1.057960	1.167707	1.171697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.153497	.7290800	-.478609	-.001346	.1046192	5.084089	.0076096
Stddev	.015706	.0113005	.003826	.000282	.0116449	.056338	.0008429
%RSD	.1926317	1.549962	.7993692	20.93058	11.13079	1.108126	11.07684

#1	8.147662	.7417661	-.479983	-.001028	.1180644	5.100926	.0076065
#2	8.141544	.7253823	-.474286	-.001447	.0977440	5.130090	.0067683
#3	8.171286	.7200917	-.481558	-.001563	.0980491	5.021252	.0084540

Sample Name: I4452-03 Acquired: 8/8/2017 16:45:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH2TR9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9783110	.0353932	.0195038
Stddev	.0027316	.0001608	.0000465
%RSD	.2792184	.4542959	.2385598

#1	.9801892	.0353184	.0195008
#2	.9751773	.0355777	.0195518
#3	.9795664	.0352834	.0194589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.825	1981.510	46658.18	10730.40	2752.095
Stddev	9.763	58.907	69.88	30.53	75.214
%RSD	.8565507	2.972823	.1497675	.2844825	2.732955

#1	1142.514	1915.321	46644.86	10730.66	2667.293
#2	1128.999	2001.030	46595.91	10699.74	2778.261
#3	1147.962	2028.180	46733.75	10760.80	2810.731

Sample Name: I4452-01LX5 Acquired: 8/8/2017 16:49:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099121	-.003640	.0127012	-.007887	-.001104	17.40992	.1308839
Stddev	.0002271	.001084	.0012925	.002245	.000584	.17036	.0009728
%RSD	2.291352	29.77367	10.17642	28.46979	52.91698	.9785099	.7432496

#1	.0097027	-.004198	.0139669	-.009383	-.001751	17.56833	.1314411
#2	.0101535	-.002391	.0113834	-.005305	-.000616	17.43172	.1314500
#3	.0098800	-.004332	.0127533	-.008972	-.000944	17.22971	.1297606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014015	.0020086	4.226777	.0199591	.0171790	.0332639	39.57613
Stddev	.0000732	.0001319	.027247	.0003989	.0002630	.0010131	.22859
%RSD	5.221865	6.564893	.6446184	1.998655	1.530781	3.045565	.5775857

#1	.0013341	.0019372	4.247976	.0203892	.0174301	.0343796	39.71900
#2	.0014793	.0019279	4.236312	.0198869	.0169056	.0324016	39.69691
#3	.0013912	.0021608	4.196045	.0196012	.0172012	.0330104	39.31249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4743797	10.45683	.0306905	.0001750	.2294991	.0230106	.0565985
Stddev	.0020833	.08292	.0003104	.0002457	.0456743	.0014895	.0025925
%RSD	.4391690	.7929750	1.011554	140.3648	19.90175	6.473301	4.580520

#1	.4754753	10.50032	.0309963	-.000107	.2759763	.0247030	.0538244
#2	.4756867	10.50895	.0303756	.000287	.1846724	.0218988	.0589599
#3	.4719772	10.36121	.0306996	.000345	.2278485	.0224300	.0570111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719621	.1435142	-.110922	-.000638	.0314329	1.143208	.0011647
Stddev	.018090	.0017537	.001254	.000251	.0024261	.039542	.0013415
%RSD	1.051986	1.221934	1.130759	39.37101	7.718350	3.458897	115.1835

#1	1.739609	.1446925	-.111471	-.000926	.0336528	1.184666	-.000233
#2	1.714882	.1414989	-.111809	-.000463	.0288431	1.139048	.002442
#3	1.704372	.1443512	-.109487	-.000525	.0318027	1.105910	.001285

Sample Name: I4452-01LX5 Acquired: 8/8/2017 16:49:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH2TR9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2144129	.0068359	.0041679
Stddev	.0018379	.0000564	.0000248
%RSD	.8571812	.8252704	.5940046

#1	.2151244	.0068348	.0041934
#2	.2157887	.0068928	.0041663
#3	.2123256	.0067800	.0041439

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.312	2015.505	45274.85	10312.88	3148.972
Stddev	.982	18.431	138.91	58.05	32.430
%RSD	.0872024	.9144388	.3068132	.5628658	1.029855

#1	1127.122	2000.307	45122.84	10256.40	3121.460
#2	1126.593	2036.005	45306.53	10309.86	3184.728
#3	1125.219	2010.202	45395.18	10372.38	3140.727

Sample Name: CCV098 Acquired: 8/8/2017 16:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953872	4.778315	24.43203	4.875894	4.907591	384.3037
Stddev	.105082	.109964	.53919	.115442	.121342	2.1234
%RSD	2.121209	2.301319	2.206902	2.367608	2.472529	.5525224

#1	5.074995	4.904832	25.05406	5.009129	5.046876	382.4623
#2	4.899564	4.724398	24.14414	4.812887	4.824777	386.6264
#3	4.887057	4.705716	24.09789	4.805664	4.851120	383.8224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.603726	.4903994	2.504087	401.7587	14.84174	2.524801
Stddev	.074703	.0047731	.052350	2.2744	.08603	.055728
%RSD	.7778581	.9733131	2.090602	.5661046	.5796210	2.207207

#1	9.532087	.4849916	2.564436	401.0765	14.76911	2.589095
#2	9.681156	.4940247	2.470909	404.2961	14.81936	2.490358
#3	9.597934	.4921820	2.476914	399.9035	14.93674	2.494949

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.03433	391.3003	14.56694	404.7387	2.412682	1.318658
Stddev	.07133	2.0756	.08438	2.0328	.055219	.008989
%RSD	.4744513	.5304443	.5792853	.5022481	2.288710	.6816503

#1	15.06453	390.6095	14.53094	403.4532	2.476435	1.309050
#2	15.08559	393.6333	14.66335	407.0823	2.379861	1.320061
#3	14.95287	389.6583	14.50652	403.6805	2.381752	1.326862

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.4754	2.356575	14.62626	145.1341	F 2.955467	F 4.197090
Stddev	2.2782	.015769	.07422	.7574	.067159	.043187
%RSD	.5717269	.6691564	.5074211	.5218440	2.272381	1.028975

#1	398.8750	2.349828	14.60661	145.3399	3.032842	4.150042
#2	400.5274	2.374595	14.56385	145.7674	2.912284	4.234931
#3	396.0239	2.345301	14.70833	144.2952	2.921274	4.206299

Sample Name: CCV098 Acquired: 8/8/2017 16:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.980951	5.292275	4.818943	4.872401	5.013635	2.888908
Stddev	.113939	.101745	.034905	.103667	.022896	.018157
%RSD	2.287494	1.922510	.7243337	2.127646	.4566753	.6285105

#1	5.112217	5.406750	4.779205	4.991930	5.003474	2.899682
#2	4.907635	5.257917	4.844647	4.807021	5.039853	2.899097
#3	4.923002	5.212157	4.832976	4.818252	4.997578	2.867945

Elem	Sr4077
Units	ppm
Avg	3.017708
Stddev	.018122
%RSD	.6005249

#1	3.023470
#2	3.032248
#3	2.997406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	885.7839	1581.614	36922.73	9198.093	2059.559
Stddev	4.0771	39.046	27.40	53.129	49.120
%RSD	.4602790	2.468714	.0742170	.5776075	2.384954

#1	886.6087	1536.563	36939.22	9233.619	2002.876
#2	889.3855	1605.679	36937.86	9137.016	2086.157
#3	881.3575	1602.599	36891.09	9223.642	2089.644

Sample Name: CCB098 Acquired: 8/8/2017 16:58:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001992	-.000200	-.000076	.0010448	-.000421	.0074472	-.001403
Stddev	.001137	.001072	.000951	.0016014	.001180	.0025129	.000313
%RSD	57.07483	537.5254	1251.342	153.2740	280.3855	33.74373	22.27539

#1	-.003155	-.000127	.000901	-.000570	-.001378	.0098664	-.001701
#2	-.001938	-.001306	-.000131	.002632	.000897	.0048500	-.001431
#3	-.000883	.000835	-.000998	.001072	-.000781	.0076251	-.001077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000636	.0000252	.0062269	-.000265	-.000108	.0003328	.0057856
Stddev	.0000768	.0000691	.0027045	.000259	.000137	.0009121	.0025833
%RSD	120.7228	274.4831	43.43342	97.64213	127.0422	274.0626	44.64957

#1	-.000025	-.000044	.0093363	.000029	-.000023	.0008302	.0084562
#2	.000113	.000094	.0049236	-.000461	-.000265	.0008881	.0056011
#3	.000103	.000026	.0044207	-.000364	-.000034	-.000720	.0032996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002043	-.001458	-.000075	.0001503	-.004671	-.001518	-.000450
Stddev	.0001465	.010076	.000194	.0002423	.033207	.001309	.000424
%RSD	71.71309	691.3028	259.9550	161.1828	710.8891	86.28003	94.21074

#1	.0000732	-.006438	.000086	.0001129	.002907	-.001910	-.000471
#2	.0003625	-.008073	-.000291	.0004091	.024091	-.000057	-.000016
#3	.0001773	.010139	-.000020	-.000071	-.041012	-.002585	-.000863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010778	-.000495	.0008442	.0007155	.0096467	-.002283	.0004990
Stddev	.014706	.000519	.0004608	.0003489	.0010535	.000587	.0009153
%RSD	136.4430	104.7178	54.58447	48.76187	10.92074	25.73499	183.4360

#1	.001903	-.000650	.0013200	.0009216	.0107736	-.002811	-.000183
#2	-.026900	-.000919	.0008126	.0009121	.0094801	-.002387	.000140
#3	-.007339	.000083	.0004000	.0003127	.0086865	-.001650	.001539

Sample Name: CCB098 Acquired: 8/8/2017 16:58:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002188	-.000409	-.000028
Stddev	.0003749	.000241	.000005
%RSD	171.3592	58.95827	18.24747

#1	.0005621	-.000485	-.000023
#2	-.000181	-.000139	-.000028
#3	.000276	-.000603	-.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1118.562	2005.208	45184.86	9863.817	3322.066
Stddev	1.350	7.838	341.05	85.984	9.124
%RSD	.1206797	.3908704	.7547977	.8717087	.2746382

#1	1119.086	1998.840	45571.69	9793.427	3315.133
#2	1119.572	2002.823	44927.49	9838.373	3318.664
#3	1117.029	2013.961	45055.41	9959.652	3332.402

Sample Name: I4520-01 Acquired: 8/8/2017 17:02:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294561	-.010316	.2937099	-.012152	.0026156	26.01861	.3021117
Stddev	.0046456	.000812	.0064612	.006700	.0014017	.09815	.0007538
%RSD	15.77136	7.869081	2.199869	55.13650	53.59111	.3772307	.2495097

#1	.0241128	-.010638	.2870410	-.004740	.0041162	26.05464	.3022653
#2	.0317164	-.009393	.2999412	-.013937	.0023905	26.09365	.3027769
#3	.0325390	-.010918	.2941475	-.017780	.0013400	25.90753	.3012930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031943	.0182116	405.2901	.0657016	.0244965	1.009361	81.21734
Stddev	.0000369	.0004982	2.4475	.0002684	.0005097	.004399	.38098
%RSD	1.156337	2.735476	.6038932	.4084961	2.080558	.4357941	.4690907

#1	.0032252	.0177148	404.2823	.0654149	.0239543	1.010466	81.19337
#2	.0031534	.0187112	408.0806	.0657433	.0249657	1.004515	81.60975
#3	.0032043	.0182089	403.5074	.0659468	.0245695	1.013102	80.84891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.360625	24.62750	.0864667	.0008613	3.288440	.0553386	.7579410
Stddev	.007227	.06838	.0010442	.0002353	.045860	.0036189	.0045875
%RSD	.5311215	.2776495	1.207639	27.32224	1.394572	6.539608	.6052542

#1	1.362175	24.64706	.0853109	.0006460	3.322759	.0545000	.7557183
#2	1.366950	24.68397	.0867469	.0011125	3.306204	.0522125	.7548882
#3	1.352749	24.55148	.0873422	.0008253	3.236355	.0593031	.7632164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.327641	1.032056	-.198440	.0060845	3.475881	2.566044	.0220568
Stddev	.036015	.018418	.001863	.0007886	.063534	.063640	.0005841
%RSD	1.082293	1.784570	.9387152	12.96067	1.827852	2.480067	2.648176

#1	3.359522	1.010841	-.196290	.0052746	3.405889	2.628487	.0213995
#2	3.288575	1.043944	-.199466	.0068499	3.529913	2.568372	.0222546
#3	3.334825	1.041384	-.199564	.0061289	3.491843	2.501272	.0225164

Sample Name: I4520-01 Acquired: 8/8/2017 17:02:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.174197	.0169865	.1834235
Stddev	.010193	.0002395	.0002295
%RSD	.8680441	1.409757	.1251193

#1	1.164382	.0171028	.1832508
#2	1.173480	.0167111	.1833359
#3	1.184730	.0171456	.1836840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.348	1970.093	45809.84	11030.87	2536.983
Stddev	2.337	24.233	101.52	32.74	34.430
%RSD	.2082091	1.230018	.2216219	.2968053	1.357137

#1	1119.731	1996.784	45693.88	11041.38	2573.869
#2	1124.227	1949.473	45882.75	10994.17	2505.695
#3	1123.085	1964.022	45852.89	11057.07	2531.384

Sample Name: I4520-02 Acquired: 8/8/2017 17:06:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944646	-.026841	1.410628	-.032536	.0043326	30.36829	.8702775
Stddev	.0042553	.003330	.002945	.002390	.0014654	.30690	.0079593
%RSD	4.504602	12.40466	.2087651	7.346506	33.82186	1.010606	.9145750

#1	.0895569	-.027762	1.407583	-.030577	.0026566	30.06633	.8623386
#2	.0967115	-.023148	1.410839	-.035200	.0053719	30.35862	.8702366
#3	.0971255	-.029613	1.413461	-.031831	.0049692	30.67991	.8782572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043341	.0387517	370.7170	.1657878	.0488392	1.181453	223.9265
Stddev	.0001970	.0005683	3.4874	.0014575	.0007133	.013283	2.1763
%RSD	4.545690	1.466412	.9407069	.8791456	1.460552	1.124301	.9718832

#1	.0041389	.0394017	366.9045	.1674707	.0480156	1.168333	221.5813
#2	.0043305	.0385040	371.5005	.1649329	.0492638	1.181132	224.3174
#3	.0045328	.0383493	373.7459	.1649597	.0492381	1.194893	225.8809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006676	29.15374	.1578029	.0081183	1.990954	.0804110	2.898752
Stddev	.022585	.30277	.0011554	.0004977	.083884	.0017129	.011631
%RSD	1.125493	1.038540	.7321920	6.130249	4.213280	2.130165	.4012380

#1	1.982399	28.88561	.1572259	.0076573	1.894277	.0784449	2.910197
#2	2.010564	29.09350	.1591332	.0080517	2.034106	.0815807	2.899118
#3	2.027064	29.48210	.1570497	.0086459	2.044477	.0812075	2.886943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.341962	7.847047	-.564267	.0156972	31.00862	1.667357	.0666207
Stddev	.040801	.019286	.005004	.0003658	.05618	.020820	.0013995
%RSD	.7637889	.2457682	.8867352	2.329998	.1811880	1.248673	2.100661

#1	5.299674	7.851597	-.560737	.0161180	30.98237	1.662692	.0654568
#2	5.345118	7.863651	-.562070	.0154555	31.07312	1.649265	.0681735
#3	5.381093	7.825894	-.569993	.0155182	30.97037	1.690113	.0662317

Sample Name: I4520-02 Acquired: 8/8/2017 17:06:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.226509	.0261132	.3801583
Stddev	.015476	.0003606	.0040893
%RSD	1.261770	1.380996	1.075682

#1	1.208857	.0257507	.3758212
#2	1.237743	.0261169	.3807100
#3	1.232928	.0264720	.3839437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.254	1870.789	44350.97	10728.64	2486.417
Stddev	5.888	12.223	107.99	83.57	10.756
%RSD	.5585152	.6533693	.2434998	.7789443	.4325711

#1	1047.594	1857.802	44242.65	10813.66	2475.462
#2	1056.401	1872.497	44458.64	10725.66	2486.826
#3	1058.768	1882.069	44351.62	10646.59	2496.962

Sample Name: I4520-03 Acquired: 8/8/2017 17:10:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453608	-.016376	2.445023	-.016625	.0018740	23.36829	.5881665
Stddev	.0050766	.001787	.004560	.002108	.0013131	.11376	.0025687
%RSD	11.19159	10.91244	.1865189	12.68225	70.06779	.4868181	.4367276

#1	.0466886	-.016164	2.446944	-.017140	.0020375	23.38293	.5872980
#2	.0397523	-.018259	2.448309	-.018428	.0030977	23.47402	.5910568
#3	.0496416	-.014704	2.439817	-.014307	.0004869	23.24792	.5861446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032630	.0475311	500.1223	.2628429	.0525532	1.892082	121.8591
Stddev	.0000426	.0001882	2.0452	.0003692	.0002312	.005089	.4215
%RSD	1.306063	.3959388	.4089469	.1404750	.4399974	.2689846	.3459297

#1	.0032430	.0476963	498.9983	.2624284	.0528199	1.892938	121.6607
#2	.0033120	.0475708	502.4830	.2631366	.0524305	1.896688	122.3432
#3	.0032341	.0473262	498.8854	.2629636	.0524092	1.886618	121.5733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.438425	32.06858	.1921722	.0044445	1.508472	.0678843	1.954549
Stddev	.002989	.12611	.0004684	.0002244	.025618	.0008940	.003233
%RSD	.2078105	.3932557	.2437437	5.048866	1.698289	1.316890	.1653969

#1	1.437408	31.98930	.1924224	.0047015	1.537008	.0676875	1.951910
#2	1.441790	32.21400	.1916318	.0042869	1.487455	.0671052	1.953582
#3	1.436078	32.00243	.1924623	.0043453	1.500952	.0688603	1.958155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.358335	6.699057	-.298153	.0158848	10.39739	1.192514	.0337054
Stddev	.021897	.006070	.001997	.0002848	.03881	.036255	.0010286
%RSD	.5024108	.0906097	.6699274	1.792823	.3732883	3.040221	3.051604

#1	4.377705	6.692805	-.300453	.0156862	10.44211	1.164881	.0325370
#2	4.362724	6.699438	-.297150	.0157572	10.37763	1.233565	.0341055
#3	4.334576	6.704927	-.296856	.0162111	10.37244	1.179096	.0344739

Sample Name: I4520-03 Acquired: 8/8/2017 17:10:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBC8B8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9625077	.0209592	.3114880
Stddev	.0072147	.0001321	.0006433
%RSD	.7495700	.6301374	.2065239

#1	.9549064	.0211116	.3117691
#2	.9692607	.0208777	.3119429
#3	.9633559	.0208884	.3107520

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.169	1843.222	43500.57	10593.10	2443.048
Stddev	6.204	2.631	133.77	3.83	1.099
%RSD	.5907999	.1427380	.3075147	.0361589	.0449974

#1	1045.298	1841.468	43461.05	10594.73	2442.073
#2	1057.154	1846.247	43649.65	10588.72	2442.831
#3	1048.055	1841.951	43391.01	10595.84	2444.239

Sample Name: I4520-04 Acquired: 8/8/2017 17:14:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132903	-.015398	.5638332	-.009641	.0017223	21.69282
Stddev	.0017170	.003749	.0041759	.003212	.0003622	.32094
%RSD	12.91947	24.35080	.7406217	33.31351	21.03069	1.479478

#1	.0115035	-.019322	.5642204	-.013074	.0017764	21.37225
#2	.0149278	-.011852	.5678019	-.009141	.0020545	22.01413
#3	.0134396	-.015019	.5594772	-.006709	.0013361	21.69208

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4132925	.0023865	.0140955	F 971.2206	.0625492	.0205599
Stddev	.0059272	.0001566	.0001376	22.6436	.0003799	.0002417
%RSD	1.434147	6.561043	.9762999	2.331462	.6073230	1.175402

#1	.4077605	.0022384	.0142068	946.2283	.0621615	.0205778
#2	.4195484	.0025503	.0139416	990.3705	.0629207	.0207921
#3	.4125684	.0023707	.0141381	977.0631	.0625655	.0203098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.148624	71.42643	2.217388	56.49516	.0998958	.0027729
Stddev	.017282	1.24095	.039292	1.10037	.0011455	.0001046
%RSD	1.504543	1.737381	1.772004	1.947721	1.146656	3.770661

#1	1.131806	70.19302	2.177896	55.36760	.0993196	.0026976
#2	1.166334	72.67478	2.256478	57.56615	.1012149	.0028923
#3	1.147732	71.41150	2.217790	56.55174	.0991528	.0027288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.125114	.0676570	4.429258	4.524314	2.876083	-.167936
Stddev	.100772	.0004124	.058112	.082537	.015596	.003627
%RSD	8.956641	.6095741	1.312003	1.824290	.5422502	2.159708

#1	1.207689	.0679124	4.386556	4.456732	2.874355	-.163758
#2	1.012825	.0671812	4.495435	4.616301	2.892470	-.170275
#3	1.154827	.0678773	4.405781	4.499908	2.861423	-.169775

Sample Name: I4520-04 Acquired: 8/8/2017 17:14:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040348	11.64486	1.526110	.0118764	1.045887	.0202226
Stddev	.0002173	.09057	.025238	.0013140	.019159	.0004513
%RSD	5.386775	.7777715	1.653730	11.06428	1.831837	2.231537

#1	.0041677	11.65080	1.510975	.0113946	1.026974	.0199029
#2	.0037839	11.73232	1.555245	.0133633	1.065283	.0207389
#3	.0041526	11.55147	1.512112	.0108713	1.045406	.0200262

Elem	Sr4077
Units	ppm
Avg	.4564415
Stddev	.0075057
%RSD	1.644402

#1	.4489687
#2	.4639797
#3	.4563760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1007.227	1759.631	41937.31	10247.41	2256.069
Stddev	11.321	16.885	279.68	152.78	20.589
%RSD	1.123973	.9595827	.6669086	1.490947	.9126259

#1	1005.281	1748.635	41884.11	10401.19	2246.728
#2	997.004	1751.186	41688.04	10095.64	2241.807
#3	1019.394	1779.073	42239.76	10245.42	2279.674

Sample Name: I4520-05 Acquired: 8/8/2017 17:18:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099289	-.011849	.1865308	-.014477	.0032097	19.60377	.2639642
Stddev	.0029815	.001344	.0010030	.000876	.0014214	.57548	.0080986
%RSD	2.712226	11.34206	.5377113	6.051216	44.28431	2.935558	3.068053

#1	.1132477	-.012753	.1875682	-.014022	.0018012	19.72925	.2670364
#2	.1074768	-.012490	.1855662	-.015486	.0031843	18.97590	.2547791
#3	.1090622	-.010305	.1864580	-.013921	.0046436	20.10615	.2700771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029891	.0104249	375.5739	.0422859	.0273399	.2882252	93.29164
Stddev	.0001406	.0001108	9.9178	.0002270	.0003516	.0093052	2.57333
%RSD	4.702368	1.063087	2.640711	.5368044	1.285901	3.228446	2.758376

#1	.0030470	.0105521	376.8080	.0425293	.0277270	.2916265	93.69698
#2	.0028288	.0103731	365.0968	.0420800	.0272526	.2776979	90.53969
#3	.0030914	.0103494	384.8170	.0422483	.0270403	.2953512	95.63825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222970	28.16137	.0685741	.0004420	5.679481	.0541132	.5255880
Stddev	.030816	.75017	.0003805	.0002939	.096414	.0006396	.0049426
%RSD	2.519755	2.663842	.5548582	66.47429	1.697580	1.181879	.9404040

#1	1.230335	28.30266	.0688819	.0006869	5.771940	.0535915	.5301508
#2	1.189138	27.35060	.0681487	.0001162	5.579548	.0539215	.5262756
#3	1.249435	28.83086	.0686916	.0005230	5.686956	.0548267	.5203376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.276208	.9700750	-.226964	.0094822	8.036988	2.424407	.0069606
Stddev	.085500	.0048307	.005946	.0001205	.030881	.007828	.0009833
%RSD	2.609734	.4979728	2.619711	1.270518	.3842304	.3228680	14.12644

#1	3.271605	.9716702	-.229137	.0094204	8.020135	2.424931	.0058364
#2	3.193102	.9739063	-.220238	.0096210	8.072628	2.416331	.0076603
#3	3.363917	.9646484	-.231518	.0094051	8.018200	2.431960	.0073851

Sample Name: I4520-05 Acquired: 8/8/2017 17:18:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.389518	.0148039	.1463057
Stddev	.039504	.0004617	.0043365
%RSD	2.843013	3.118431	2.964002

#1	1.391611	.0148838	.1473218
#2	1.349009	.0143074	.1415514
#3	1.427935	.0152203	.1500440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.715	1992.300	46336.16	11108.09	2563.596
Stddev	11.502	5.965	320.01	239.39	8.196
%RSD	1.015443	.2993949	.6906290	2.155091	.3197027

#1	1119.631	1995.114	45967.12	11065.42	2562.777
#2	1141.232	1985.449	46536.82	11365.94	2555.841
#3	1137.283	1996.337	46504.55	10892.90	2572.171

Sample Name: I4520-06 Acquired: 8/8/2017 17:22:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105713	-.012971	.1845217	-.013872	.0023670	19.39333	.2629740
Stddev	.0010672	.000569	.0007250	.004181	.0007499	.05136	.0005250
%RSD	.9651411	4.383063	.3929373	30.13749	31.68242	.2648134	.1996356

#1	.1110923	-.012316	.1853451	-.015948	.0016880	19.33932	.2626443
#2	.1093437	-.013325	.1842413	-.016609	.0031718	19.44154	.2635794
#3	.1112779	-.013273	.1839787	-.009060	.0022410	19.39913	.2626983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029938	.0103550	366.2957	.0425107	.0276516	.2902695	93.05908
Stddev	.0000877	.0003686	1.7001	.0005584	.0005700	.0015357	.36756
%RSD	2.928201	3.560118	.4641220	1.313628	2.061507	.5290491	.3949728

#1	.0030191	.0107805	364.5074	.0421746	.0283069	.2889463	92.67726
#2	.0028963	.0101328	366.4886	.0422022	.0273783	.2899087	93.08950
#3	.0030661	.0101516	367.8910	.0431554	.0272697	.2919534	93.41049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.211483	27.70277	.0691281	.0002573	5.633009	.0524945	.5278090
Stddev	.003751	.05536	.0006130	.0001674	.131549	.0003264	.0072465
%RSD	.3096017	.1998373	.8867122	65.05794	2.335322	.6218197	1.372944

#1	1.207153	27.64542	.0698346	.0004307	5.775319	.0521277	.5213101
#2	1.213753	27.75590	.0687379	.0002446	5.515854	.0526028	.5264940
#3	1.213541	27.70699	.0688118	.0000966	5.607854	.0527531	.5356230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.195205	.9640002	-.228307	.0096623	8.086971	2.358639	.0068230
Stddev	.037870	.0100124	.001006	.0001532	.096134	.021668	.0019371
%RSD	1.185214	1.038625	.4406142	1.585761	1.188753	.9186737	28.39134

#1	3.225955	.9747188	-.227193	.0097474	8.194486	2.335787	.0090154
#2	3.152905	.9623931	-.229150	.0094854	8.057134	2.378889	.0053427
#3	3.206755	.9548885	-.228577	.0097540	8.009293	2.361240	.0061109

Sample Name: I4520-06 Acquired: 8/8/2017 17:22:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.396219	.0147581	.1441053
Stddev	.005618	.0001490	.0003722
%RSD	.4023723	1.009512	.2582511

#1	1.391993	.0146185	.1437278
#2	1.394071	.0149150	.1444718
#3	1.402594	.0147408	.1441164

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.015	1986.538	45997.16	11086.75	2557.057
Stddev	1.926	18.470	48.75	2.42	30.918
%RSD	.1707149	.9297820	.1059797	.0218506	1.209117

#1	1127.739	1966.451	46032.91	11089.42	2522.832
#2	1130.064	1990.375	46016.93	11086.15	2565.371
#3	1126.242	2002.790	45941.63	11084.68	2582.967

Sample Name: I4520-07 Acquired: 8/8/2017 17:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842034	.1311018	.2274586	.0870282	.2058007	23.08587	4.416698
Stddev	.0032936	.0015279	.0026151	.0027036	.0007447	.06683	.009061
%RSD	1.788025	1.165470	1.149722	3.106585	.3618659	.2895032	.2051498

#1	.1840558	.1324423	.2244395	.0896842	.2062624	23.11946	4.414620
#2	.1875683	.1314250	.2290236	.0871210	.2061980	23.00891	4.408857
#3	.1809861	.1294381	.2289126	.0842794	.2049415	23.12925	4.426617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0948729	.1181315	364.4406	.4353359	1.169083	.8078443	94.23768
Stddev	.0008832	.0010549	.6457	.0003129	.009141	.0049612	.21105
%RSD	.9309591	.8930242	.1771830	.0718843	.7818880	.6141317	.2239544

#1	.0941194	.1176748	364.9554	.4349748	1.165652	.8106885	94.46016
#2	.0946545	.1193379	364.6502	.4355266	1.179443	.8021156	94.21257
#3	.0958449	.1173819	363.7161	.4355065	1.162154	.8107288	94.04031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.240286	27.54973	1.176463	.0468224	5.517571	1.088828	1.439488
Stddev	.005924	.12420	.008846	.0004179	.073924	.004797	.019721
%RSD	.2644124	.4508261	.7519092	.8925953	1.339796	.4405359	1.369972

#1	2.246899	27.69276	1.173728	.0467361	5.439968	1.092012	1.461611
#2	2.235465	27.46911	1.186354	.0472768	5.587164	1.083312	1.423753
#3	2.238494	27.48732	1.169308	.0464544	5.525581	1.091161	1.433102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.178365	.9367423	-.226936	.0091636	7.892952	2.323961	.0068978
Stddev	.056075	.0077695	.001065	.0005410	.054509	.003303	.0013627
%RSD	1.764282	.8294185	.4694490	5.903362	.6905981	.1421177	19.75558

#1	3.142800	.9362910	-.226105	.0097600	7.872654	2.320183	.0054150
#2	3.149288	.9447276	-.226566	.0090262	7.954698	2.326303	.0071832
#3	3.243007	.9292082	-.228137	.0087046	7.851505	2.325397	.0080951

Sample Name: I4520-07 Acquired: 8/8/2017 17:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.374040	.0144938	.1429598
Stddev	.000874	.0000626	.0003554
%RSD	.0636351	.4321374	.2485897

#1	1.374831	.0144286	.1433592
#2	1.374189	.0145536	.1426787
#3	1.373101	.0144992	.1428413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1127.509	1992.862	46322.84	10978.60	2566.414
Stddev	10.260	7.668	186.05	5.72	16.260
%RSD	.9099628	.3847623	.4016281	.0521156	.6335620

#1	1115.686	1997.387	46151.51	10974.42	2569.936
#2	1134.074	1984.009	46296.26	10985.12	2548.682
#3	1132.767	1997.190	46520.74	10976.27	2580.625

Sample Name: I4520-05LX5 Acquired: 8/8/2017 17:30:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8B0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259931	-.001525	.0383528	-.003334	-.000044	4.242336	.0573347
Stddev	.0006278	.000635	.0002557	.004930	.000943	.021701	.0001817
%RSD	2.415075	41.63477	.6667784	147.8610	2150.819	.5115374	.3168367

#1	.0258083	-.001003	.0382345	.002276	-.000933	4.251579	.0574596
#2	.0266925	-.001341	.0386463	-.006975	-.000145	4.217543	.0574182
#3	.0254784	-.002232	.0381776	-.005304	.000946	4.257885	.0571263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006853	.0017547	80.75146	.0105797	.0043938	.0651902	21.37856
Stddev	.0001089	.0000350	.48463	.0001201	.0000958	.0008567	.10534
%RSD	15.89583	1.993154	.6001528	1.134975	2.180255	1.314147	.4927582

#1	.0008101	.0017187	80.36908	.0106928	.0044692	.0654349	21.25834
#2	.0006367	.0017886	80.58881	.0104536	.0044261	.0658980	21.42258
#3	.0006092	.0017567	81.29650	.0105926	.0042860	.0642378	21.45475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2791365	6.220254	.0137289	.0002855	1.183901	.0117766	.1123771
Stddev	.0013590	.004806	.0004553	.0001780	.042889	.0018540	.0035258
%RSD	.4868420	.0772614	3.316730	62.34163	3.622691	15.74350	3.137491

#1	.2776460	6.215049	.0135400	.0002208	1.158657	.0128927	.1095305
#2	.2794567	6.224522	.0142484	.0004869	1.159625	.0128006	.1112796
#3	.2803067	6.221191	.0133985	.0001489	1.233422	.0096364	.1163211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6576694	.1803603	-.057015	.0020382	1.533122	.5485670	-.000963
Stddev	.0192532	.0016923	.000865	.0004164	.014523	.0107327	.000313
%RSD	2.927488	.9382684	1.517716	20.42719	.9472874	1.956505	32.56446

#1	.6458143	.1786019	-.057793	.0017011	1.529356	.5421828	-.000642
#2	.6798843	.1805014	-.056083	.0019100	1.549157	.5609582	-.000977
#3	.6473095	.1819776	-.057167	.0025036	1.520853	.5425600	-.001269

Sample Name: I4520-05LX5 Acquired: 8/8/2017 17:30:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBC8B0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3111456	.0025026	.0322379
Stddev	.0005093	.0000645	.0000351
%RSD	.1636927	2.577444	.1089134

#1	.3114027	.0024604	.0322692
#2	.3105590	.0024706	.0322446
#3	.3114751	.0025768	.0321999

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.567	1977.837	45139.71	10265.29	3009.683
Stddev	6.514	4.858	23.61	20.80	4.749
%RSD	.5772166	.2456048	.0523097	.2026428	.1577794

#1	1129.158	1973.580	45112.55	10289.21	3008.368
#2	1121.778	1976.803	45155.33	10251.43	3005.730
#3	1134.766	1983.129	45151.26	10255.23	3014.950

Sample Name: I4520-08 Acquired: 8/8/2017 17:34:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827133	-.011819	.3593742	-.008904	.0626981	23.97492	.3337391
Stddev	.0006468	.001014	.0022124	.000859	.0007709	.09621	.0020228
%RSD	.7819875	8.583618	.6156358	9.643320	1.229571	.4012971	.6061125

#1	.0821185	-.012194	.3614225	-.009319	.0630613	23.98664	.3337861
#2	.0826194	-.010670	.3596723	-.009476	.0632202	24.06474	.3357380
#3	.0834019	-.012592	.3570279	-.007916	.0618126	23.87339	.3316932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032750	.0137812	195.2031	.0845173	.0255723	1.809816	98.70530
Stddev	.0000518	.0003707	.4781	.0008402	.0004423	.003934	.16528
%RSD	1.582630	2.689806	.2449326	.9940936	1.729818	.2173912	.1674436

#1	.0032167	.0140628	194.9538	.0843477	.0257065	1.807233	98.57017
#2	.0032926	.0139195	194.9011	.0854294	.0259320	1.814344	98.65615
#3	.0033158	.0133612	195.7543	.0837749	.0250783	1.807870	98.88957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203482	21.09958	.0869459	.0016060	6.606130	.0590166	.7443478
Stddev	.003255	.07239	.0007258	.0001398	.051173	.0013768	.0048808
%RSD	.2704318	.3430906	.8347619	8.702505	.7746238	2.332972	.6557112

#1	1.199834	21.01966	.0874533	.0015431	6.657486	.0592389	.7464264
#2	1.204521	21.16075	.0872700	.0017661	6.605761	.0575422	.7478453
#3	1.206090	21.11832	.0861146	.0015087	6.555143	.0602689	.7387718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.000769	.8990920	-.205776	.0129164	8.241584	2.372715	.0131903
Stddev	.010543	.0088785	.001103	.0001979	.038688	.036774	.0013440
%RSD	.2635176	.9874965	.5358249	1.532195	.4694233	1.549888	10.18952

#1	3.988604	.9035053	-.206779	.0130813	8.256692	2.398834	.0122466
#2	4.007251	.9048991	-.204596	.0126969	8.270438	2.330661	.0147291
#3	4.006453	.8888716	-.205954	.0129709	8.197621	2.388651	.0125952

Sample Name: I4520-08 Acquired: 8/8/2017 17:34:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC8C1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.194319	.0133906	.1322177
Stddev	.003591	.0001413	.0001909
%RSD	.3007013	1.055413	.1443856

#1	1.190327	.0133730	.1321811
#2	1.195344	.0135399	.1324242
#3	1.197287	.0132589	.1320477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1155.032	2043.918	47310.72	11150.54	2713.408
Stddev	6.517	15.362	124.68	9.66	19.300
%RSD	.5642146	.7515848	.2635353	.0866053	.7112904

#1	1148.984	2029.766	47262.16	11147.82	2696.536
#2	1154.179	2041.731	47217.63	11161.27	2709.235
#3	1161.934	2060.255	47452.38	11142.54	2734.454

Sample Name: PB101281BL Acquired: 8/8/2017 17:49:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009072	-.001275	-.000488	.0002157	-.000978	.0035945	-.001972
Stddev	.0023678	.001228	.001029	.0010108	.001260	.0020617	.000300
%RSD	260.9857	96.32593	210.7400	468.7144	128.8796	57.35664	15.22438

#1	-.000567	-.002624	-.001021	.0013759	-.000549	.0027444	-.001690
#2	.003638	-.000223	.000698	-.000255	.000012	.0059454	-.002288
#3	-.000350	-.000977	-.001141	-.000474	-.002396	.0020938	-.001938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000501	.0000606	.0017317	-.000095	-.000261	.0004696	-.002614
Stddev	.0000765	.0000083	.0022927	.000293	.000041	.0007454	.001268
%RSD	152.6216	13.75582	132.3940	309.5499	15.65639	158.7313	48.50348

#1	-.000013	.0000556	-.000902	-.000428	-.000284	.0000100	-.001347
#2	.000135	.0000560	.002820	.000020	-.000214	.0013297	-.002612
#3	.000028	.0000702	.003278	.000124	-.000285	.0000692	-.003883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002419	-.010523	.0001097	-.000040	-.217819	-.001245	-.000806
Stddev	.0001406	.017150	.0001237	.000107	.040271	.000723	.002154
%RSD	58.11832	162.9725	112.7694	265.1817	18.48833	58.03356	267.4486

#1	.0003767	.009152	.0000613	-.000161	-.255439	-.001430	-.002292
#2	.0000962	-.018418	.0000175	-.000000	-.175338	-.001857	.001665
#3	.0002528	-.022304	.0002503	.000041	-.222681	-.000448	-.001790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020871	-.000315	-.005427	.0000308	.0100574	-.003315	-.000263
Stddev	.020647	.000460	.000440	.0001395	.0018419	.000429	.001256
%RSD	98.92523	146.1369	8.103183	452.1822	18.31435	12.94801	477.1687

#1	.001840	-.000697	-.004956	.0001919	.0082332	-.003802	.000783
#2	-.025948	-.000443	-.005498	-.000051	.0119166	-.002990	.000083
#3	-.038507	.000196	-.005827	-.000048	.0100224	-.003152	-.001656

Sample Name: PB101281BL Acquired: 8/8/2017 17:49:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000032	-.000950	-.000070
Stddev	.000471	.000122	.000005
%RSD	1467.807	12.84625	6.945239

#1	.000040	-.000943	-.000065
#2	-.000535	-.001076	-.000071
#3	.000399	-.000832	-.000075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1138.595	2001.008	45460.25	9945.232	3317.384
Stddev	.527	12.735	96.04	14.615	11.564
%RSD	.0462604	.6364358	.2112553	.1469549	.3485910

#1	1139.171	1988.448	45464.43	9942.197	3304.070
#2	1138.475	2013.911	45554.13	9932.373	3324.920
#3	1138.139	2000.663	45362.19	9961.127	3323.163

Sample Name: PB101281BS Acquired: 8/8/2017 17:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168971	.0487626	.0202986	.0686439	.1127486	.3684903
Stddev	.0007701	.0007597	.0014252	.0039543	.0024512	.0057945
%RSD	4.557590	1.557944	7.021370	5.760620	2.174000	1.572494

#1	.0172439	.0496006	.0211773	.0648979	.1144653	.3747913
#2	.0174328	.0481189	.0186541	.0682558	.1099414	.3672889
#3	.0160146	.0485684	.0210643	.0727779	.1138391	.3633906

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3602453	.0096363	.0096364	9.641617	.0225560	.0914152
Stddev	.0024629	.0001133	.0000244	.033798	.0000972	.0018365
%RSD	.6836793	1.175672	.2532685	.3505469	.4307840	2.008923

#1	.3629613	.0097649	.0096226	9.660050	.0226654	.0934320
#2	.3596176	.0095924	.0096221	9.602610	.0225229	.0898395
#3	.3581569	.0095514	.0096646	9.662192	.0224797	.0909740

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518034	.2343504	.0330197	9.397032	.0737447	.0192669
Stddev	.0009249	.0049167	.0004683	.028130	.0015519	.0001995
%RSD	1.785409	2.098016	1.418198	.2993481	2.104470	1.035190

#1	.0508247	.2354029	.0327672	9.405853	.0755366	.0194651
#2	.0526630	.2289927	.0327319	9.365549	.0728284	.0192694
#3	.0519226	.2386557	.0335601	9.419695	.0728691	.0190662

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.727081	.0964797	.1156704	9.026190	F .0084956	F .0157419
Stddev	.074232	.0004866	.0025063	.098063	.0001155	.0007768
%RSD	.7631514	.5043490	2.166735	1.086426	1.359196	4.934497

#1	9.812768	.0968270	.1133954	9.122623	.0086283	.0148570
#2	9.686173	.0959236	.1152588	9.029373	.0084402	.0160575
#3	9.682303	.0966886	.1183570	8.926574	.0084183	.0163112

Sample Name: PB101281BS Acquired: 8/8/2017 17:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235067	.1789042	.1846379	F .0141677	.2034025	.0292936
Stddev	.0004503	.0051923	.0028504	.0011226	.0012247	.0002085
%RSD	1.915434	2.902274	1.543799	7.923649	.6021233	.7118845

#1	.0240260	.1842433	.1829900	.0128833	.2031385	.0294371
#2	.0232692	.1785968	.1829945	.0146580	.2047376	.0293892
#3	.0232249	.1738724	.1879293	.0149617	.2023312	.0290544

Elem	Sr4077
Units	ppm
Avg	.0700446
Stddev	.0001769
%RSD	.2525993

#1	.0701897
#2	.0700966
#3	.0698475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.155	1888.427	43834.13	9976.100	3080.642
Stddev	.447	38.598	88.08	34.802	54.625
%RSD	.0421696	2.043945	.2009299	.3488527	1.773176

#1	1059.723	1843.857	43746.06	9936.414	3017.682
#2	1060.616	1910.719	43834.12	9990.469	3115.431
#3	1060.126	1910.705	43922.21	10001.42	3108.813

Sample Name: PB101281TB Acquired: 8/8/2017 17:57:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009079	-.000400	-.000112	-.000457	-.001602	.0016538	-.001823
Stddev	.0007567	.000681	.000987	.001716	.000229	.0014869	.000154
%RSD	83.35211	170.3826	879.9306	375.2237	14.30678	89.90779	8.453808

#1	.0017780	-.000536	-.001006	.000779	-.001636	.0032696	-.001715
#2	.0004029	-.001002	.000946	-.002417	-.001357	.0003433	-.001755
#3	.0005428	.000339	-.000276	.000265	-.001812	.0013485	-.002000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000580	-.000027	.0018424	-.000283	.0000086	.0008043	-.001778
Stddev	.0000392	.000060	.0025512	.000041	.0001487	.0003944	.004959
%RSD	67.55129	221.2706	138.4685	14.59661	1731.351	49.04072	278.8166

#1	.0000610	-.000051	.0029390	-.000254	-.000009	.0004077	-.007384
#2	.0000174	.000041	-.001074	-.000265	-.000131	.0011966	.002035
#3	.0000957	-.000072	.003662	-.000330	.000165	.0008086	.000013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000795	-.011586	.0001111	.0003176	.0019925	-.001585	-.001787
Stddev	.0001381	.012845	.0000848	.0001903	.0285334	.000222	.002144
%RSD	173.7475	110.8705	76.33906	59.91056	1432.049	14.01108	119.9932

#1	.0002043	-.021350	.0001894	.0001016	.0279968	-.001719	-.002184
#2	-.000069	-.016372	.0000210	.0003909	-.028531	-.001709	-.003705
#3	.000103	.002965	.0001229	.0004604	.006511	-.001329	.000528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026623	-.000176	-.006099	-.000084	.0128461	-.002064	.0000066
Stddev	.020982	.000430	.000278	.000114	.0032743	.000747	.0002627
%RSD	78.81289	244.3138	4.562327	135.6142	25.48849	36.18143	3986.442

#1	-.019008	.000301	-.006287	.000047	.0138633	-.002926	-.000019
#2	-.050349	-.000534	-.006232	-.000142	.0091839	-.001624	.000281
#3	-.010511	-.000295	-.005780	-.000157	.0154910	-.001642	-.000242

Sample Name: PB101281TB Acquired: 8/8/2017 17:57:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003465	-.000999	-.000063
Stddev	.0002355	.000055	.000006
%RSD	67.94421	5.488904	9.025184

#1	.0005800	-.000979	-.000061
#2	.0003504	-.001062	-.000069
#3	.0001092	-.000958	-.000058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.503	2017.362	46243.07	10047.71	3342.409
Stddev	3.635	4.688	128.32	49.57	6.277
%RSD	.3140476	.2323663	.2774947	.4933954	.1878108

#1	1156.608	2012.932	46208.81	10026.26	3339.889
#2	1154.399	2016.884	46385.05	10012.46	3337.782
#3	1161.502	2022.270	46135.36	10104.39	3349.554

Sample Name: I4412-01 Acquired: 8/8/2017 18:01:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043886	-.000878	.0102627	-.001616	-.000045	1.068320	.1454191
Stddev	.0015739	.001570	.0001200	.002986	.000377	.039336	.0007286
%RSD	35.86280	178.9302	1.169674	184.7522	836.9908	3.682085	.5010206

#1	.0061967	-.001231	.0103803	-.004870	-.000331	1.113715	.1449993
#2	.0033255	-.002241	.0101403	.001000	-.000187	1.044274	.1449976
#3	.0036437	.000839	.0102674	-.000979	.000383	1.046971	.1462604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001138	.0002579	27.31857	.0024664	.0004884	.0226338	3.761609
Stddev	.0000213	.0001187	.06163	.0004907	.0002122	.0009946	.043557
%RSD	18.68423	46.04386	.2256073	19.89690	43.45433	4.394115	1.157947

#1	.0000927	.0001899	27.34664	.0024257	.0002502	.0214978	3.809171
#2	.0001133	.0001887	27.36117	.0019973	.0006574	.0230561	3.723664
#3	.0001352	.0003949	27.24790	.0029762	.0005575	.0233475	3.751991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952179	6.475652	.0091840	.0001079	1.946154	.0030842	.0744477
Stddev	.0001931	.040342	.0002538	.0001177	.071991	.0004562	.0047899
%RSD	.2027915	.6229775	2.763423	108.9896	3.699133	14.79008	6.433964

#1	.0953568	6.463987	.0092234	.0001985	2.007245	.0033729	.0749789
#2	.0952995	6.442428	.0089129	.0001504	1.964430	.0033215	.0789500
#3	.0949974	6.520541	.0094158	-.000025	1.866787	.0025583	.0694144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332225	.0197753	.0524222	.0001742	17.61315	4.142531	-.001435
Stddev	.018652	.0012764	.0007964	.0001891	.58668	.033012	.000392
%RSD	.7997361	6.454459	1.519143	108.5629	3.330912	.7969098	27.33463

#1	2.353396	.0183017	.0525497	.0002985	17.00459	4.104657	-.001277
#2	2.325064	.0205356	.0515698	.0002676	17.65968	4.157734	-.001882
#3	2.318215	.0204885	.0531472	-.000043	18.17517	4.165203	-.001146

Sample Name: I4412-01 Acquired: 8/8/2017 18:01:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0420104	-.001195	.0361290
Stddev	.0018028	.000127	.0000373
%RSD	4.291236	10.62552	.1031254

#1	.0440227	-.001059	.0360956
#2	.0405427	-.001217	.0361223
#3	.0414659	-.001310	.0361692

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1140.803	1978.972	45584.86	10264.61	3211.094
Stddev	4.456	61.087	162.16	18.46	98.517
%RSD	.3905846	3.086796	.3557269	.1798898	3.068009

#1	1142.585	2040.865	45398.59	10245.35	3311.174
#2	1135.731	1977.326	45694.50	10266.33	3207.888
#3	1144.091	1918.724	45661.50	10282.16	3114.219

Sample Name: I4412-02 Acquired: 8/8/2017 18:05:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065361	-.001264	.0171109	.0021708	.0033087	.4425049	.1211280
Stddev	.0036674	.000743	.0003528	.0027747	.0004577	.0112436	.0008918
%RSD	56.10963	58.76992	2.062136	127.8227	13.83354	2.540893	.7362233

#1	.0053221	-.001087	.0171537	.0002852	.0038163	.4415190	.1202674
#2	.0106565	-.002079	.0174403	.0008702	.0031826	.4317868	.1210687
#3	.0036296	-.000625	.0167385	.0053569	.0029273	.4542090	.1220479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	.0000025	37.41549	.0021773	-.000293	.0142670	1.153630
Stddev	.0000208	.0000653	.13867	.0006093	.000166	.0001407	.008989
%RSD	32.48180	2599.467	.3706270	27.98584	56.57890	.9859804	.7791682

#1	.0000400	-.000036	37.35792	.0022987	-.000167	.0142987	1.143253
#2	.0000753	.000078	37.57367	.0015164	-.000232	.0143891	1.158641
#3	.0000767	-.000035	37.31488	.0027169	-.000482	.0141132	1.158996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405279	5.078021	.0056998	.0002216	1.200557	-.000100	.0382736
Stddev	.0000631	.012293	.0004006	.0002223	.022470	.000964	.0023030
%RSD	.1557771	.2420806	7.028076	100.2957	1.871603	963.1957	6.017142

#1	.0405807	5.086734	.0056517	-.000019	1.226116	.000117	.0359153
#2	.0405449	5.063960	.0061223	.000419	1.183912	.000737	.0383885
#3	.0404580	5.083368	.0053254	.000265	1.191642	-.001154	.0405169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.865359	.0097799	.0314319	.0004733	15.60531	3.209634	-.002148
Stddev	.049623	.0003754	.0002734	.0000847	.08096	.052058	.000539
%RSD	1.731827	3.838497	.8698244	17.89411	.5188081	1.621943	25.09542

#1	2.809016	.0101552	.0315978	.0004547	15.55122	3.241283	-.002447
#2	2.884505	.0097801	.0311164	.0005657	15.56632	3.149551	-.001526
#3	2.902558	.0094044	.0315817	.0003995	15.69839	3.238069	-.002470

Sample Name: I4412-02 Acquired: 8/8/2017 18:05:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0185554	-.000434	.0469082
Stddev	.0006771	.000150	.0001702
%RSD	3.649011	34.67665	.3627993

#1	.0187678	-.000387	.0467208
#2	.0177975	-.000602	.0470533
#3	.0191007	-.000313	.0469503

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.651	1944.992	44651.99	10133.96	3161.674
Stddev	15.054	5.945	604.42	31.83	10.652
%RSD	1.344563	.3056773	1.353617	.3141290	.3369159

#1	1126.128	1942.444	45057.03	10155.28	3169.639
#2	1130.383	1951.786	44941.70	10097.37	3165.809
#3	1102.442	1940.745	43957.26	10149.24	3149.575

Sample Name: I4412-03 Acquired: 8/8/2017 18:10:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048731	-.001322	.0361301	.0011490	.0494793	.9006025	.1275836
Stddev	.0033889	.001052	.0009909	.0031042	.0015557	.0141335	.0006716
%RSD	69.54261	79.57587	2.742515	270.1736	3.144150	1.569333	.5263896

#1	.0060139	-.000415	.0370328	-.000638	.0512669	.9056605	.1271732
#2	.0010610	-.002475	.0350699	.004733	.0484322	.9115110	.1283587
#3	.0075443	-.001075	.0362874	-.000649	.0487388	.8846360	.1272190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000926	.0000545	29.70157	.0019507	.0000838	.0491224	1.974918
Stddev	.0000298	.0000365	.03793	.0002668	.0002297	.0012727	.025281
%RSD	32.14973	66.94357	.1277093	13.67578	274.1207	2.590919	1.280083

#1	.0000838	.0000483	29.66451	.0020718	.0000375	.0484420	1.957543
#2	.0001258	.0000938	29.74032	.0021353	.0003331	.0483346	2.003920
#3	.0000683	.0000215	29.69988	.0016448	-.000119	.0505907	1.963292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550553	5.477666	.0054787	.0003075	1.455783	.0006538	.0515417
Stddev	.0004614	.029125	.0003074	.0001630	.074529	.0005755	.0015519
%RSD	.8380863	.5317031	5.611558	53.02477	5.119520	88.02674	3.011035

#1	.0554963	5.476747	.0058336	.0001206	1.476417	.0008273	.0502452
#2	.0545759	5.507240	.0053054	.0004206	1.373111	.0011227	.0511186
#3	.0550938	5.449012	.0052969	.0003811	1.517822	.0000115	.0532613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.364781	.0173006	.0452719	.0003236	15.52911	4.251862	-.000528
Stddev	.005838	.0002717	.0064324	.0000530	.09336	.132529	.000874
%RSD	.2468915	1.570446	14.20831	16.37046	.6012167	3.116962	165.4733

#1	2.371341	.0173520	.0429404	.0002650	15.54580	4.140465	-.000689
#2	2.360154	.0170069	.0525449	.0003376	15.42853	4.398428	.000415
#3	2.362847	.0175430	.0403304	.0003681	15.61300	4.216692	-.001311

Sample Name: I4412-03 Acquired: 8/8/2017 18:10:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0436557	.0000203	.0367511
Stddev	.0025696	.0000991	.0000828
%RSD	5.886045	487.5258	.2252456

#1	.0436836	-.000041	.0367335
#2	.0462113	.000135	.0368412
#3	.0410723	-.000033	.0366785

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1123.124	1958.899	44988.37	10126.34	3184.800
Stddev	10.858	6.897	209.03	37.29	13.788
%RSD	.9667452	.3520612	.4646284	.3682573	.4329237

#1	1125.200	1957.659	45121.12	10118.94	3182.342
#2	1111.378	1966.331	44747.42	10093.31	3199.651
#3	1132.793	1952.706	45096.57	10166.78	3172.406

Sample Name: I4412-04 Acquired: 8/8/2017 18:14:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058250	-.001092	.0354502	-.001352	.0481870	.8836461	.1268958
Stddev	.0027520	.001618	.0005723	.003119	.0002992	.0063759	.0003894
%RSD	47.24475	148.1416	1.614470	230.6696	.6209986	.7215466	.3068480

#1	.0072331	-.000553	.0353433	-.000640	.0479987	.8817290	.1264502
#2	.0026539	-.002910	.0360684	-.004765	.0485320	.8784488	.1270670
#3	.0075880	.000188	.0349388	.001349	.0480302	.8907607	.1271703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000935	.0001238	29.34785	.0016884	.0001306	.0481732	1.926906
Stddev	.0000888	.0000991	.16764	.0001888	.0001404	.0001321	.006852
%RSD	94.92854	80.10059	.5712029	11.18401	107.4829	.2742145	.3555996

#1	-.000001	.0001379	29.53335	.0019039	.0002070	.0482822	1.934578
#2	.000107	.0000183	29.20720	.0015517	-.000031	.0482111	1.921393
#3	.000175	.0002150	29.30300	.0016097	.000216	.0480263	1.924749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545318	5.423585	.0051382	.0002727	1.394938	.0013515	.0524542
Stddev	.0003605	.007939	.0001755	.0000823	.038651	.0008973	.0039765
%RSD	.6609921	.1463878	3.415114	30.17335	2.770788	66.39174	7.580864

#1	.0549398	5.424089	.0049856	.0003571	1.433618	.0011149	.0535305
#2	.0542565	5.431260	.0053299	.0001927	1.356316	.0005962	.0557817
#3	.0543991	5.415405	.0050990	.0002683	1.394879	.0023433	.0480503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.376099	.0166978	.0418694	.0003386	15.44973	4.205080	-.000725
Stddev	.021058	.0003236	.0022033	.0002456	.02500	.038288	.000977
%RSD	.8862213	1.938126	5.262244	72.52834	.1617936	.9105292	134.8088

#1	2.352197	.0170561	.0441718	.0003266	15.45178	4.247212	.000030
#2	2.384183	.0166103	.0416554	.0005899	15.47364	4.195616	-.000376
#3	2.391917	.0164268	.0397809	.0000992	15.42377	4.172410	-.001828

Sample Name: I4412-04 Acquired: 8/8/2017 18:14:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0426246	.0001468	.0365984
Stddev	.0013362	.0000781	.0000387
%RSD	3.134889	53.17003	.1057363

#1	.0438844	.0000619	.0365568
#2	.0427661	.0001631	.0366333
#3	.0412232	.0002154	.0366051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.312	1966.253	45296.69	10185.04	3194.335
Stddev	2.831	4.354	53.28	31.72	7.622
%RSD	.2504993	.2214283	.1176147	.3114467	.2386253

#1	1132.141	1970.797	45349.01	10179.53	3201.949
#2	1127.051	1962.118	45298.55	10156.44	3186.704
#3	1131.744	1965.845	45242.51	10219.16	3194.353

Sample Name: I4412-03LX5 Acquired: 8/8/2017 18:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025017	-.001597	.0057663	-.000935	.0091176	.1789160	.0241125
Stddev	.0026995	.000583	.0009626	.002172	.0005626	.0094775	.0001443
%RSD	107.9056	36.52609	16.69431	232.2072	6.170515	5.297161	.5983640

#1	.0056112	-.002032	.0056615	.000930	.0089777	.1868566	.0240984
#2	.0011356	-.000934	.0048603	-.003319	.0097370	.1814675	.0242632
#3	.0007584	-.001826	.0067770	-.000416	.0086382	.1684240	.0239757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000490	-.000085	5.867665	-.000046	-.000242	.0102087	.4007447
Stddev	.0000303	.000128	.055084	.000122	.000099	.0007301	.0070742
%RSD	61.86596	149.9554	.9387789	265.5169	41.03018	7.151823	1.765262

#1	.0000148	.000061	5.828283	-.000161	-.000355	.0102368	.4057272
#2	.0000598	-.000176	5.844099	.000082	-.000200	.0094649	.3926476
#3	.0000725	-.000142	5.930612	-.000059	-.000170	.0109243	.4038592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114472	1.086602	.0013102	.0001002	.3125046	.0000734	.0085690
Stddev	.0005786	.008833	.0004091	.0001846	.0224732	.0004726	.0013224
%RSD	5.054354	.8129334	31.22108	184.2819	7.191328	643.8439	15.43257

#1	.0116099	1.076759	.0017348	-.000112	.3236395	-.000441	.0072155
#2	.0108047	1.089208	.0012772	.000222	.2866380	.000488	.0086334
#3	.0119270	1.093839	.0009187	.000191	.3272364	.000173	.0098579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4255448	.0033637	.0032287	.0002296	3.028702	.8599328	-.000716
Stddev	.0237791	.0004671	.0011342	.0001186	.024241	.0083532	.000655
%RSD	5.587919	13.88637	35.12998	51.67937	.8003621	.9713787	91.47627

#1	.4525319	.0034994	.0022520	.0001927	3.001551	.8532509	-.000009
#2	.4076676	.0028437	.0044727	.0001337	3.036385	.8692979	-.001302
#3	.4164347	.0037479	.0029614	.0003623	3.048171	.8572496	-.000838

Sample Name: I4412-03LX5 Acquired: 8/8/2017 18:22:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0090875	-.000845	.0073829
Stddev	.0007994	.000043	.0000372
%RSD	8.796690	5.113080	.5044560

#1	.0081993	-.000811	.0074132
#2	.0097493	-.000894	.0073942
#3	.0093140	-.000830	.0073413

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.568	1975.047	44985.40	10021.90	3255.422
Stddev	13.058	6.720	501.78	47.23	14.556
%RSD	1.177944	.3402581	1.115419	.4713104	.4471337

#1	1107.619	1979.029	45190.26	9984.92	3264.967
#2	1122.076	1978.823	45352.34	10075.11	3262.631
#3	1096.011	1967.288	44413.61	10005.67	3238.668

Sample Name: I4412-06 Acquired: 8/8/2017 18:26:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066710	-.000544	.2021521	-.002040	.0388887	.6717471	.1599863
Stddev	.0010208	.000370	.0008288	.001148	.0012180	.0060189	.0005804
%RSD	15.30171	68.03203	.4099756	56.26666	3.131941	.8960084	.3627932

#1	.0078480	-.000954	.2029810	-.002425	.0402296	.6660763	.1593962
#2	.0060282	-.000234	.2021517	-.002946	.0385856	.6711027	.1600061
#3	.0061368	-.000444	.2013235	-.000749	.0378509	.6780622	.1605566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000939	.0002749	26.70429	.0011952	.0010247	.0610374	3.209775
Stddev	.0001285	.0000900	.03555	.0002476	.0002151	.0009732	.010218
%RSD	136.8588	32.76360	.1331077	20.71969	20.98723	1.594388	.3183291

#1	-.000034	.0002911	26.72312	.0014659	.0007858	.0616412	3.215651
#2	.000092	.0003557	26.72646	.0009800	.0010853	.0615563	3.197976
#3	.000223	.0001778	26.66329	.0011397	.0012029	.0599147	3.215697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2441108	4.026978	.0071942	.0001436	1.487266	.0026503	.0921736
Stddev	.0018249	.020745	.0004108	.0002098	.079951	.0007185	.0042386
%RSD	.7475491	.5151599	5.710349	146.0276	5.375706	27.11045	4.598450

#1	.2457120	4.011639	.0068738	-.000083	1.426561	.0020332	.0970675
#2	.2421240	4.050582	.0070516	.000182	1.457382	.0034391	.0896706
#3	.2444965	4.018714	.0076574	.000331	1.577854	.0024786	.0897828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.378100	.0213478	.0687280	-.000042	15.70275	3.634354	.0000785
Stddev	.016302	.0004842	.0009534	.000099	.06877	.014061	.0007706
%RSD	.4825843	2.268374	1.387203	236.1072	.4379370	.3868780	981.6900

#1	3.360497	.0208234	.0693821	-.000084	15.63339	3.639653	-.000806
#2	3.381126	.0214421	.0676341	.000071	15.70396	3.644995	.000607
#3	3.392678	.0217780	.0691678	-.000113	15.77091	3.618414	.000434

Sample Name: I4412-06 Acquired: 8/8/2017 18:26:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0219701	-.000401	.0388326
Stddev	.0005790	.000032	.0000119
%RSD	2.635482	7.887174	.0307071

#1	.0221300	-.000364	.0388381
#2	.0224523	-.000421	.0388408
#3	.0213279	-.000416	.0388189

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.941	1951.729	45160.61	10224.56	3172.305
Stddev	12.756	2.686	412.45	18.85	5.846
%RSD	1.135949	.1376192	.9133069	.1843844	.1842964

#1	1108.257	1954.619	44697.04	10244.51	3175.966
#2	1129.286	1951.257	45486.99	10207.04	3175.386
#3	1131.281	1949.310	45297.79	10222.11	3165.562

Sample Name: PB101246BL Acquired: 8/8/2017 18:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027743	.0002440	-.000624	.0001811	-.001794	.0053550	-.001501
Stddev	.0029140	.0005119	.000721	.0017049	.000864	.0037585	.000117
%RSD	105.0372	209.8099	115.5241	941.1963	48.17809	70.18796	7.776648

#1	.0018826	-.000159	-.001431	.0018769	-.002790	.0020221	-.001604
#2	.0060300	.000820	-.000043	.0001992	-.001234	.0094288	-.001374
#3	.0004103	.000071	-.000398	-.001533	-.001359	.0046140	-.001526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000497	.0000897	.0009943	-.000233	-.000232	.0007134	.0015294
Stddev	.0000637	.0000033	.0056254	.000248	.000098	.0009168	.0012167
%RSD	128.2684	3.663808	565.7625	106.1002	42.25581	128.5148	79.55092

#1	-.000003	.0000863	.0071237	-.000444	-.000119	-.000271	.0003382
#2	.000121	.0000928	-.000208	.000039	-.000286	.001543	.0027700
#3	.000031	.0000899	-.003933	-.000295	-.000291	.000869	.0014801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000392	-.015826	-.000062	-.000061	.0229027	-.001454	-.001071
Stddev	.0001884	.017325	.000122	.000054	.1055953	.000959	.001227
%RSD	480.5239	109.4684	196.5838	89.16527	461.0602	65.97007	114.5353

#1	.0000426	.004063	-.000203	-.000117	-.056096	-.001760	-.001588
#2	.0002259	-.023908	.000014	-.000058	.142837	-.002222	-.001954
#3	-.000151	-.027634	.000003	-.000008	-.018033	-.000379	.000330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017622	-.000215	-.006256	-.000104	.0134044	-.002870	-.000368
Stddev	.012169	.000301	.000294	.000262	.0021139	.000576	.000955
%RSD	69.05262	140.0781	4.702741	252.8739	15.77029	20.05981	259.7052

#1	-.005183	.000078	-.005917	.000116	.0136326	-.002215	.000569
#2	-.029500	-.000199	-.006410	-.000394	.0111857	-.003298	-.001339
#3	-.018184	-.000523	-.006441	-.000034	.0153950	-.003097	-.000333

Sample Name: PB101246BL Acquired: 8/8/2017 18:32:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000018	-.000970	-.000062
Stddev	.000555	.000125	.000008
%RSD	3005.193	12.89858	13.70123

#1	-.000372	-.001100	-.000069
#2	.000621	-.000851	-.000052
#3	-.000305	-.000958	-.000063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1145.346	2012.963	45905.27	9957.169	3331.373
Stddev	3.377	24.300	36.19	17.786	38.285
%RSD	.2948043	1.207185	.0788260	.1786247	1.149232

#1	1141.612	2013.772	45898.38	9950.336	3337.174
#2	1146.241	1988.268	45944.41	9943.812	3290.518
#3	1148.184	2036.848	45873.04	9977.358	3366.427

Sample Name: PB101246BS Acquired: 8/8/2017 18:36:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189561	.0539306	.0222729	.0680445	.1128174	.3738729
Stddev	.0009031	.0016310	.0010388	.0052316	.0010967	.0063625
%RSD	4.764070	3.024250	4.663786	7.688478	.9720930	1.701786

#1	.0186289	.0554494	.0225864	.0733793	.1136366	.3666977
#2	.0199771	.0541355	.0211135	.0629227	.1132440	.3788278
#3	.0182621	.0522068	.0231187	.0678313	.1115715	.3760931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3574286	.0105799	.0099208	9.799655	.0213811	.0918785
Stddev	.0009040	.0000511	.0001088	.048731	.0001673	.0005646
%RSD	.2529274	.4832863	1.096723	.4972753	.7825964	.6144842

#1	.3564514	.0105209	.0099433	9.796382	.0212209	.0921644
#2	.3575993	.0106103	.0100167	9.752643	.0213676	.0922429
#3	.3582351	.0106085	.0098026	9.849940	.0215547	.0912281

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510955	.2247022	.0332661	9.594333	.0746918	.0199940
Stddev	.0017077	.0091713	.0007243	.062210	.0005882	.0000171
%RSD	3.342219	4.081542	2.177287	.6484046	.7874716	.0853569

#1	.0523865	.2144999	.0326356	9.547328	.0751647	.0199746
#2	.0517409	.2273441	.0331055	9.570792	.0748776	.0200068
#3	.0491592	.2322626	.0340572	9.664878	.0740332	.0200005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.664625	.1000542	.1031873	8.980153	F .0079055	F .0171215
Stddev	.068547	.0004068	.0016334	.043558	.0006827	.0007434
%RSD	.7092584	.4065551	1.582963	.4850475	8.636192	4.341991

#1	9.587388	.1005048	.1026055	8.929949	.0073028	.0179381
#2	9.718228	.0997142	.1050320	9.002625	.0086469	.0169425
#3	9.688259	.0999434	.1019245	9.007887	.0077667	.0164840

Sample Name: PB101246BS Acquired: 8/8/2017 18:36:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228367	.1802359	.1924779	F .0136377	.2039022	.0284341
Stddev	.0002566	.0030949	.0008704	.0007018	.0004666	.0001728
%RSD	1.123743	1.717144	.4522221	5.145897	.2288600	.6078446

#1	.0227979	.1838041	.1916414	.0132269	.2038265	.0286322
#2	.0231106	.1782803	.1933787	.0132382	.2034780	.0283560
#3	.0226017	.1786232	.1924135	.0144480	.2044021	.0283141

Elem	Sr4077
Units	ppm
Avg	.0692446
Stddev	.0000598
%RSD	.0863823

#1	.0692785
#2	.0691755
#3	.0692797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1129.763	1967.538	45161.95	10101.69	3178.490
Stddev	1.290	2.204	255.22	18.72	11.728
%RSD	.1141726	.1120403	.5651127	.1853433	.3689674

#1	1128.283	1965.255	45440.83	10110.25	3170.414
#2	1130.357	1967.704	45105.00	10114.60	3173.115
#3	1130.648	1969.654	44940.01	10080.22	3191.942

Sample Name: PB101246TB Acquired: 8/8/2017 18:40:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005280	-.006252	-.000110	.0081048	.0005649	.0079467
Stddev	.002507	.001730	.001783	.0019198	.0005684	.0048628
%RSD	47.47630	27.66763	1625.826	23.68703	100.6079	61.19297

#1	-.004609	-.004874	.001106	.0064374	.0004338	.0023361
#2	-.008054	-.008194	-.002156	.0102036	.0011874	.0105581
#3	-.003177	-.005689	.000722	.0076733	.0000736	.0109460

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001849	.0000772	-.000305	.0115898	-.000547	-.000142
Stddev	.000218	.0001105	.000255	.0055089	.000241	.000119
%RSD	11.78686	143.2360	83.54789	47.53193	44.07848	84.25032

#1	-.001978	.0001488	-.000028	.0058657	-.000361	-.000036
#2	-.001971	.0001328	-.000357	.0120491	-.000819	-.000271
#3	-.001597	-.000050	-.000530	.0168546	-.000461	-.000117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007233	-.001492	.0002119	-.003446	.0038235	.0003441
Stddev	.0003967	.003160	.0002369	.012458	.0001718	.0002111
%RSD	54.84513	211.7679	111.7990	361.5659	4.494156	61.34651

#1	.0002654	-.004586	.0004524	.005480	.0037789	.0005399
#2	.0009438	.001730	.0002044	-.017678	.0036784	.0001205
#3	.0009609	-.001620	-.000021	.001861	.0040132	.0003720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 911.0541	-.000087	.0002078	-.192595	.0008136	-.002600
Stddev	4.1851	.002107	.0015256	.033210	.0001944	.000715
%RSD	.4593718	2426.408	734.2976	17.24361	23.89799	27.49382

#1	915.0991	-.001804	-.000367	-.172102	.0009845	-.003376
#2	906.7417	-.000722	-.000947	-.174771	.0006021	-.001968
#3	911.3216	.002265	.001937	-.230912	.0008543	-.002456

Sample Name: PB101246TB Acquired: 8/8/2017 18:40:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002693	.0434314	.0043524	.0052489	.0002579	-.001646
Stddev	.0001215	.0014375	.0008001	.0015449	.0003261	.000132
%RSD	45.11061	3.309832	18.38242	29.43194	126.4340	8.024902

#1	.0001606	.0450166	.0043869	.0037844	.0006200	-.001736
#2	.0004004	.0422124	.0051346	.0050991	-.000013	-.001494
#3	.0002468	.0430652	.0035356	.0068632	.000166	-.001707

Elem	Sr4077
Units	ppm
Avg	-.000055
Stddev	.000008
%RSD	14.63205

#1	-.000046
#2	-.000062
#3	-.000057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1030.381	1721.322	40110.15	9763.881	2469.828
Stddev	73.088	11.175	3015.35	30.919	10.479
%RSD	7.093302	.6492004	7.517671	.3166707	.4242634

#1	1114.105	1732.306	43568.04	9736.236	2481.672
#2	979.318	1709.965	38028.25	9797.270	2461.764
#3	997.721	1721.694	38734.16	9758.138	2466.048

Sample Name: CCV099 Acquired: 8/8/2017 18:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.066273	4.791711	24.34761	5.004743	5.024677	376.7396
Stddev	.061655	.059399	.28903	.081779	.094044	2.3908
%RSD	1.216967	1.239626	1.187094	1.634034	1.871643	.6345981

#1	5.016829	4.728496	24.03809	4.914974	4.928269	373.9892
#2	5.046635	4.800271	24.39425	5.024251	5.029596	378.3206
#3	5.135355	4.846366	24.61048	5.075004	5.116164	377.9089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.589377	.4749395	2.484213	389.5605	14.45363	2.518337
Stddev	.031109	.0013780	.027649	.6741	.12248	.031707
%RSD	.3244161	.2901495	1.113004	.1730491	.8474332	1.259049

#1	9.614325	.4764895	2.455440	390.1246	14.52571	2.484427
#2	9.554520	.4744762	2.486616	388.8139	14.31220	2.523335
#3	9.599286	.4738529	2.510582	389.7430	14.52297	2.547248

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93054	378.3890	14.12246	392.6153	2.416427	1.277933
Stddev	.05277	.3185	.01675	.3861	.029482	.013618
%RSD	.3534212	.0841818	.1186071	.0983478	1.220086	1.065600

#1	14.97863	378.0494	14.13966	392.4093	2.384463	1.282404
#2	14.93890	378.4364	14.10620	392.3758	2.422266	1.262642
#3	14.87409	378.6811	14.12151	393.0607	2.442554	1.288753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.5390	2.295449	13.87225	142.2732	F 3.028499	F 4.080539
Stddev	.9797	.004056	.16288	.2124	.043627	.008153
%RSD	.2495767	.1767112	1.174122	.1492598	1.440549	.1997938

#1	391.9264	2.299003	13.79868	142.0340	2.984522	4.089831
#2	392.0217	2.296314	13.75914	142.3457	3.029206	4.077199
#3	393.6689	2.291030	14.05893	142.4397	3.071768	4.074587

Sample Name: CCV099 Acquired: 8/8/2017 18:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.029156	5.292080	4.685057	4.903670	4.950255	2.875795
Stddev	.079122	.048761	.014696	.058783	.008393	.004772
%RSD	1.573269	.9213886	.3136825	1.198755	.1695399	.1659291

#1	4.946246	5.238105	4.702007	4.844287	4.959925	2.881164
#2	5.037374	5.305190	4.677293	4.904888	4.945972	2.874181
#3	5.103849	5.332945	4.675871	4.961834	4.944869	2.872039

Elem	Sr4077
Units	ppm
Avg	2.983325
Stddev	.009449
%RSD	.3167333

#1	2.973223
#2	2.991947
#3	2.984806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.7962	1546.694	37322.94	9327.118	2032.012
Stddev	8.5907	24.269	334.26	14.906	28.022
%RSD	.9731265	1.569075	.8955769	.1598173	1.379049

#1	884.8212	1572.834	37261.00	9331.415	2063.138
#2	890.1935	1542.372	37683.83	9310.535	2024.105
#3	873.3739	1524.877	37023.98	9339.404	2008.792

Sample Name: CCB099 Acquired: 8/8/2017 18:48:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000629	.0006790	-.000992	-.001200	-.001738	.0030836	-.001887
Stddev	.0005120	.0011236	.000912	.001663	.001709	.0024799	.000161
%RSD	814.0537	165.4618	91.91789	138.5863	98.31070	80.42035	8.509120

#1	.0006255	.0012079	-.002015	-.000343	-.002712	.0044423	-.002046
#2	-.000376	.0014406	-.000264	-.000140	.000235	.0045873	-.001890
#3	-.000061	-.000611	-.000697	-.003116	-.002738	.0002214	-.001725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000498	-.000016	.0086366	-.000371	-.000288	.0003785	.0043143
Stddev	.0000508	.000098	.0013789	.000226	.000203	.0005406	.0027320
%RSD	102.0771	624.1819	15.96534	61.03964	70.68045	142.8419	63.32479

#1	.0000678	.000041	.0098089	-.000303	-.000449	-.000129	.0055068
#2	.0000891	-.000128	.0071174	-.000186	-.000059	.000947	.0062473
#3	-.000008	.000040	.0089835	-.000624	-.000355	.000318	.0011887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001922	-.001076	.0002215	.0005179	-.022586	-.001232	.0007152
Stddev	.0002477	.008182	.0001583	.0002177	.061162	.000480	.0016975
%RSD	128.9086	760.2463	71.44711	42.03660	270.7933	38.96078	237.3560

#1	.0002037	-.001111	.0003371	.0004169	-.090041	-.001778	.0026288
#2	-.000061	.007123	.0002864	.0003691	-.006972	-.001037	.0001262
#3	.000434	-.009241	.0000411	.0007678	.029255	-.000880	-.000609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110847	-.000424	.0009411	.0005402	.0104741	-.002623	.0001416
Stddev	.0211110	.000478	.0008276	.0001057	.0015968	.000143	.0007778
%RSD	190.4520	112.6755	87.94429	19.57161	15.24560	5.438622	549.2907

#1	.0337681	-.000819	.0016279	.0006619	.0091602	-.002627	-.000382
#2	.0074743	-.000560	.0011733	.0004883	.0122514	-.002479	-.000228
#3	-.007988	.000107	.0000222	.0004705	.0100108	-.002764	.001035

Sample Name: CCB099 Acquired: 8/8/2017 18:48:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002649	-.000165	-.000031
Stddev	.0001771	.000049	.000006
%RSD	66.85835	29.92245	18.35830

#1	.0004690	-.000114	-.000025
#2	.0001524	-.000169	-.000031
#3	.0001731	-.000213	-.000036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1141.008	2003.161	45748.07	9991.358	3317.054
Stddev	11.427	18.195	153.21	70.890	24.958
%RSD	1.001446	.9082986	.3348902	.7095095	.7524109

#1	1133.031	1983.216	45591.31	10046.65	3289.974
#2	1135.896	2007.416	45755.44	9911.44	3322.056
#3	1154.098	2018.851	45897.45	10015.99	3339.132

Sample Name: I4412-07 Acquired: 8/8/2017 18:53:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045668	-.001197	2.472961	-.002284	.2811110	.3594632	.1754415
Stddev	.0022055	.001251	.004355	.002848	.0007275	.0023085	.0011668
%RSD	48.29513	104.4537	.1760964	124.6605	.2587767	.6422084	.6650623

#1	.0068390	-.001252	2.477896	-.002113	.2808955	.3620867	.1761133
#2	.0044269	-.002419	2.469657	.000474	.2819218	.3585607	.1740943
#3	.0024346	.000080	2.471331	-.005214	.2805156	.3577423	.1761171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000855	.0001090	29.52217	.0013949	.0004385	.0679429	1.588774
Stddev	.0000712	.0001300	.20421	.0005171	.0001669	.0013520	.005748
%RSD	83.21851	119.2680	.6917291	37.06931	38.04952	1.989900	.3617916

#1	.0001644	.0001263	29.75390	.0019685	.0004555	.0686430	1.586149
#2	.0000664	.0002294	29.36851	.0009647	.0002638	.0663844	1.584807
#3	.0000259	-.000029	29.44409	.0012515	.0005963	.0688012	1.595366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165203	2.915693	.0042223	.0004147	1.234551	-.000121	.0447453
Stddev	.0009913	.032125	.0004382	.0002989	.018245	.000284	.0026936
%RSD	.8507760	1.101804	10.37736	72.06309	1.477846	235.6953	6.019923

#1	.1171083	2.952048	.0043303	.0000803	1.249143	-.000324	.0435204
#2	.1153758	2.891131	.0037402	.0005083	1.240413	-.000242	.0478337
#3	.1170769	2.903899	.0045963	.0006557	1.214095	.000204	.0428819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9628684	.0070543	.0279584	.0000157	14.27811	2.327428	.0016976
Stddev	.0130836	.0003695	.0008507	.0003149	.04364	.009250	.0000272
%RSD	1.358815	5.238382	3.042763	2010.744	.3056480	.3974486	1.600567

#1	.9710170	.0073277	.0273655	-.000243	14.30116	2.337519	.0016671
#2	.9477768	.0066339	.0289331	-.000076	14.22778	2.325414	.0017066
#3	.9698114	.0072013	.0275766	.000366	14.30539	2.319351	.0017192

Sample Name: I4412-07 Acquired: 8/8/2017 18:53:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0134256	-.000357	.0447574
Stddev	.0005830	.000144	.0003107
%RSD	4.342673	40.28236	.6941830

#1	.0132639	-.000491	.0449653
#2	.0129406	-.000373	.0444003
#3	.0140725	-.000205	.0449066

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.525	1991.899	46195.63	10361.17	3241.605
Stddev	11.847	7.659	406.04	47.23	4.599
%RSD	1.013805	.3845249	.8789636	.4558709	.1418593

#1	1172.340	2000.370	46212.75	10317.88	3246.913
#2	1155.241	1989.865	45781.29	10411.55	3239.053
#3	1177.994	1985.462	46592.84	10354.08	3238.849

Sample Name: I4412-08 Acquired: 8/8/2017 18:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083757	-.000479	.2664067	-.001033	.0410612	.9386410	.1534670
Stddev	.0016814	.002106	.0007202	.004431	.0014940	.0118599	.0008921
%RSD	20.07456	439.9464	.2703571	428.7642	3.638546	1.263523	.5812694

#1	.0067472	-.002657	.2665935	-.000207	.0426831	.9517932	.1527878
#2	.0082743	-.000325	.2656114	.002926	.0397411	.9353700	.1531360
#3	.0101054	.001547	.2670151	-.005819	.0407595	.9287598	.1544772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000743	.0001548	21.68404	.0013889	.0019970	.0464719	3.962749
Stddev	.0000757	.0000649	.09144	.0002010	.0000991	.0009592	.007375
%RSD	101.8610	41.93871	.4216965	14.46984	4.963340	2.064089	.1861065

#1	.0000077	.0001770	21.57880	.0016145	.0019226	.0464036	3.961535
#2	.0000586	.0002057	21.72933	.0013232	.0019590	.0455486	3.970655
#3	.0001566	.0000817	21.74400	.0012290	.0021096	.0474634	3.956056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3199572	2.927350	.0070263	.0002244	1.351580	.0013381	.0577045
Stddev	.0030105	.013528	.0000957	.0000925	.097693	.0007817	.0010088
%RSD	.9409155	.4621352	1.362488	41.20010	7.228058	58.41953	1.748290

#1	.3167067	2.938649	.0069503	.0002946	1.438999	.0013365	.0588099
#2	.3205154	2.912359	.0069948	.0001196	1.246127	.0005572	.0568335
#3	.3226496	2.931042	.0071338	.0002590	1.369615	.0021206	.0574700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.490233	.0121876	.0390196	.0000768	13.86049	3.704038	-.000943
Stddev	.037046	.0005846	.0011288	.0001542	.04030	.018632	.001575
%RSD	1.487666	4.796907	2.892960	200.7895	.2907307	.5030279	167.0103

#1	2.466506	.0128570	.0378787	-.000067	13.81767	3.689738	-.001377
#2	2.471270	.0119280	.0401359	.000240	13.86611	3.725110	.000803
#3	2.532922	.0117777	.0390443	.000058	13.89768	3.697268	-.002256

Sample Name: I4412-08 Acquired: 8/8/2017 18:57:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0379765	-.000638	.0320846
Stddev	.0007603	.000015	.0002158
%RSD	2.002097	2.336061	.6726484

#1	.0387994	-.000644	.0319036
#2	.0373000	-.000650	.0320267
#3	.0378303	-.000622	.0323234

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.542	1988.917	45381.24	10267.99	3239.583
Stddev	13.731	5.845	296.02	33.60	10.758
%RSD	1.211292	.2938799	.6523016	.3272407	.3320724

#1	1118.303	1992.571	45039.61	10301.74	3246.743
#2	1144.951	1992.004	45561.96	10267.70	3244.794
#3	1137.372	1982.176	45542.14	10234.54	3227.212

Sample Name: I4412-09 Acquired: 8/8/2017 19:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076181	.0004207	6.628540	-.001954	.4603429	.4394917	.2211293
Stddev	.0010502	.0005192	.010035	.001372	.0030239	.0016110	.0018157
%RSD	13.78557	123.4225	.1513978	70.20391	.6568802	.3665652	.8211197

#1	.0086861	-.000120	6.622952	-.001446	.4593493	.4386805	.2190813
#2	.0065866	.000916	6.622542	-.000909	.4579409	.4384475	.2225420
#3	.0075817	.000466	6.640125	-.003507	.4637386	.4413470	.2217644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000942	.0006125	30.54576	.0006311	.0012357	.1378579	1.412574
Stddev	.0000710	.0001079	.30539	.0006623	.0000830	.0004610	.008640
%RSD	75.42077	17.61044	.9997630	104.9397	6.714517	.3343939	.6116789

#1	.0000354	.0005076	30.19861	.0011639	.0011638	.1377320	1.402628
#2	.0000740	.0007231	30.77298	-.000110	.0012168	.1374729	1.418226
#3	.0001731	.0006068	30.66567	.000840	.0013265	.1383687	1.416868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2789456	2.102584	.0053147	.0005132	1.465040	-.001065	.1125034
Stddev	.0026125	.036445	.0002238	.0001675	.051949	.000430	.0020476
%RSD	.9365596	1.733357	4.210867	32.63232	3.545920	40.39294	1.820003

#1	.2759567	2.066811	.0054404	.0006055	1.408871	-.000667	.1112270
#2	.2800867	2.139666	.0050563	.0003199	1.511359	-.001007	.1148652
#3	.2807934	2.101274	.0054475	.0006143	1.474891	-.001521	.1114180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.551419	.0092122	.0348731	.0002904	14.66695	2.591352	.0036773
Stddev	.007406	.0006333	.0001591	.0000861	.03451	.146808	.0002677
%RSD	.2902813	6.875099	.4563073	29.66354	.2352783	5.665306	7.280237

#1	2.557876	.0086725	.0346962	.0002582	14.69920	2.490955	.0038785
#2	2.553048	.0099094	.0350044	.0002250	14.63056	2.523258	.0037799
#3	2.543334	.0090545	.0349188	.0003880	14.67110	2.759842	.0033734

Sample Name: I4412-09 Acquired: 8/8/2017 19:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0165495	-.000429	.0484774
Stddev	.0009023	.000138	.0003661
%RSD	5.452005	32.06511	.7552381

#1	.0174744	-.000585	.0480771
#2	.0156716	-.000325	.0485599
#3	.0165024	-.000378	.0487953

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1121.327	1958.494	44932.99	10166.69	3187.781
Stddev	3.451	5.388	60.11	90.95	7.397
%RSD	.3077317	.2751082	.1337875	.8945633	.2320556

#1	1124.402	1959.802	44869.96	10267.55	3194.569
#2	1121.985	1963.108	44939.34	10141.58	3188.878
#3	1117.595	1952.573	44989.68	10090.93	3179.896

Sample Name: I4413-01 Acquired: 8/8/2017 19:05:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005453	-.015187	.2254694	.0113536	.0137093	.3911011
Stddev	.001107	.001727	.0009639	.0041863	.0013535	.0054923
%RSD	20.30814	11.37271	.4275094	36.87193	9.872727	1.404310

#1	-.005873	-.016170	.2265785	.0147892	.0143590	.3970020
#2	-.006289	-.016198	.2248342	.0125808	.0146155	.3861382
#3	-.004197	-.013193	.2249955	.0066909	.0121535	.3901633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8379910	.0000192	.0009882	129.7600	.0013162	.0093689
Stddev	.0032600	.0000396	.0000888	.0653	.0004987	.0004056
%RSD	.3890277	206.6640	8.990058	.0503590	37.89352	4.329427

#1	.8343393	-.000002	.0009745	129.6851	.0009429	.0097742
#2	.8390255	-.000005	.0009071	129.8050	.0011231	.0093695
#3	.8406083	.000065	.0010832	129.7900	.0018826	.0089630

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500934	1.201150	2.364667	13.73284	.0153783	.0002145
Stddev	.0011352	.005752	.002788	.05087	.0002507	.0002631
%RSD	2.266085	.4788725	.1179049	.3704069	1.630332	122.6817

#1	.0510295	1.207113	2.361450	13.70981	.0154076	.0002305
#2	.0488307	1.195635	2.366182	13.69757	.0156131	-.000056
#3	.0504198	1.200703	2.366370	13.79115	.0151143	.000469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1318.228	.0005801	.2423330	7.138803	.0328991	.1039864
Stddev	4.097	.0019478	.0044306	.060068	.0014746	.0006147
%RSD	.3107703	335.7465	1.828326	.8414287	4.482107	.5910967

#1	1317.218	.0026553	.2374327	7.144558	.0326704	.1033690
#2	1314.730	.0002937	.2435097	7.076065	.0315523	.1039918
#3	1322.734	-.001209	.2460564	7.195786	.0344747	.1045983

Sample Name: I4413-01 Acquired: 8/8/2017 19:05:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003790	1.785026	4.408693	-.000707	.0059224	.0012928
Stddev	.0001678	.004273	.003347	.000513	.0006632	.0001428
%RSD	44.26454	.2393668	.0759087	72.60585	11.19753	11.04624

#1	.0001905	1.787095	4.409898	-.000977	.0059032	.0014174
#2	.0005120	1.780113	4.404911	-.000115	.0052690	.0011370
#3	.0004345	1.787870	4.411270	-.001029	.0065950	.0013240

Elem	Sr4077
Units	ppm
Avg	.1641787
Stddev	.0003353
%RSD	.2042263

#1	.1641246
#2	.1638736
#3	.1645377

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.7477	1615.202	37028.71	9625.600	2268.578
Stddev	15.6073	14.146	133.24	23.680	15.736
%RSD	1.687733	.8757750	.3598323	.2460111	.6936598

#1	941.4641	1620.464	37148.26	9635.013	2271.902
#2	910.5579	1625.963	36885.06	9643.126	2282.386
#3	922.2211	1599.180	37052.80	9598.661	2251.445

Sample Name: I4413-02 Acquired: 8/8/2017 19:09:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001652	-.011661	1.778099	.0141636	.0520612	.5009842
Stddev	.004215	.003174	.005335	.0038862	.0009982	.0068634
%RSD	255.0653	27.21446	.3000194	27.43797	1.917375	1.369986

#1	.001000	-.013700	1.779907	.0100484	.0511628	.5083037
#2	-.006513	-.013279	1.782295	.0146717	.0518851	.4946929
#3	.000556	-.008005	1.772095	.0177708	.0531357	.4999560

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7980312	.0001031	.0003830	110.7946	.0016530	.0067376
Stddev	.0046794	.0000924	.0002213	.7318	.0006463	.0003281
%RSD	.5863686	89.63096	57.78304	.6605106	39.10075	4.869096

#1	.7958559	.0002090	.0001279	110.0006	.0022873	.0070645
#2	.8034022	.0000621	.0005240	110.9411	.0009953	.0064084
#3	.7948353	.0000383	.0004970	111.4421	.0016763	.0067398

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611389	1.355112	1.624282	14.53889	.0136590	.0002001
Stddev	.0012601	.010082	.007224	.06248	.0006039	.0002882
%RSD	2.061100	.7440158	.4447718	.4297103	4.420952	144.0457

#1	.0601512	1.355456	1.616167	14.46970	.0133836	-.000106
#2	.0625581	1.344863	1.626667	14.55583	.0132419	.000466
#3	.0607074	1.365019	1.630012	14.59115	.0143514	.000240

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1376.015	.0017712	.2262574	5.690679	.0444975	.1079126
Stddev	5.748	.0013930	.0049527	.073497	.0006671	.0003817
%RSD	.4177482	78.64687	2.188959	1.291540	1.499161	.3537527

#1	1371.888	.0004754	.2265838	5.675765	.0440506	.1078093
#2	1382.581	.0015938	.2310389	5.770490	.0452643	.1075931
#3	1373.577	.0032445	.2211496	5.625783	.0441777	.1083353

Sample Name: I4413-02 Acquired: 8/8/2017 19:09:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000446	2.118780	4.167257	.0026883	.0092791	.0022295
Stddev	.0002358	.012232	.038208	.0003613	.0005019	.0001557
%RSD	528.4165	.5773129	.9168592	13.43858	5.409266	6.981868

#1	-.000172	2.113824	4.128543	.0029591	.0098187	.0020809
#2	.000011	2.109804	4.168290	.0028278	.0091926	.0023914
#3	.000295	2.132712	4.204938	.0022781	.0088261	.0022163

Elem	Sr4077
Units	ppm
Avg	.1371808
Stddev	.0006469
%RSD	.4716025

#1	.1364416
#2	.1376434
#3	.1374576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.2242	1584.164	36029.16	9542.439	2237.683
Stddev	2.2274	6.449	63.17	59.392	6.158
%RSD	.2504896	.4071022	.1753261	.6224022	.2751947

#1	889.5319	1576.776	35990.00	9609.942	2230.710
#2	891.2817	1587.048	36102.03	9519.171	2239.965
#3	886.8589	1588.668	35995.44	9498.202	2242.375

Sample Name: I4413-03 Acquired: 8/8/2017 19:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001899	-.010535	1.773158	.0108833	.0513141	.4908125
Stddev	.000892	.001960	.007418	.0024106	.0014091	.0051154
%RSD	47.00201	18.60109	.4183759	22.14985	2.746019	1.042224

#1	-.001214	-.012175	1.765073	.0136581	.0519380	.4966085
#2	-.001575	-.008365	1.779652	.0096870	.0497008	.4889000
#3	-.002908	-.011066	1.774748	.0093048	.0523036	.4869289

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7924917	.0000948	.0006179	110.2473	.0012569	.0064108
Stddev	.0027766	.0000978	.0000962	.2484	.0002822	.0001672
%RSD	.3503604	103.1722	15.56227	.2252764	22.44894	2.607581

#1	.7904774	.0001216	.0005363	109.9607	.0011712	.0065322
#2	.7913386	-.000014	.0005935	110.3987	.0010275	.0064801
#3	.7956590	.000176	.0007239	110.3826	.0015720	.0062202

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612151	1.337046	1.613302	14.41902	.0141253	.0005101
Stddev	.0010149	.017152	.003216	.03444	.0002846	.0004248
%RSD	1.657897	1.282819	.1993186	.2388846	2.014827	83.27892

#1	.0603199	1.319642	1.609972	14.37940	.0143663	.0008857
#2	.0610076	1.337563	1.613543	14.44188	.0141984	.0000491
#3	.0623176	1.353934	1.616390	14.43577	.0138113	.0005954

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1366.241	-.000109	.2252357	5.645725	.0454163	.1066370
Stddev	5.672	.000976	.0029263	.033140	.0006965	.0007257
%RSD	.4151568	895.8663	1.299203	.5869899	1.533698	.6805498

#1	1361.978	-.000672	.2268357	5.616950	.0446774	.1072178
#2	1364.066	-.000672	.2218582	5.638267	.0455106	.1058235
#3	1372.678	.001018	.2270130	5.681959	.0460608	.1068698

Sample Name: I4413-03 Acquired: 8/8/2017 19:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003888	2.106714	4.152936	.0016998	.0085335	.0022009
Stddev	.0002444	.021933	.017090	.0003272	.0005836	.0000534
%RSD	62.84295	1.041099	.4115192	19.25071	6.839021	2.427847

#1	.0006385	2.091225	4.141943	.0020270	.0090907	.0022626
#2	.0001501	2.131812	4.172625	.0013726	.0079267	.0021698
#3	.0003779	2.097106	4.144239	.0016999	.0085832	.0021704

Elem	Sr4077
Units	ppm
Avg	.1363814
Stddev	.0002663
%RSD	.1952795

#1	.1362609
#2	.1361966
#3	.1366867

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	912.9034	1613.899	36646.02	9591.178	2263.075
Stddev	6.8245	4.723	125.34	24.919	9.602
%RSD	.7475643	.2926718	.3420233	.2598078	.4243041

#1	908.1574	1608.585	36502.99	9618.188	2259.312
#2	920.7244	1615.491	36698.38	9569.083	2255.924
#3	909.8284	1617.621	36736.68	9586.264	2273.989

Sample Name: I4413-04 Acquired: 8/8/2017 19:17:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579607	.0619702	1.786171	.0963207	.1871091	2.817067
Stddev	.0030233	.0024896	.002736	.0068011	.0007348	.010953
%RSD	5.216161	4.017352	.1531801	7.060840	.3927340	.3887986

#1	.0578320	.0621798	1.786159	.0977613	.1862740	2.804717
#2	.0610463	.0643483	1.788914	.0889148	.1876566	2.825603
#3	.0550037	.0593825	1.783442	.1022860	.1873968	2.820881

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.363510	.0600644	.0630259	111.0461	.2516956	.6360039
Stddev	.014530	.0005329	.0000566	.3870	.0012623	.0003835
%RSD	.4319861	.8872831	.0898385	.3484637	.5015152	.0603038

#1	3.346788	.0596019	.0629890	110.6177	.2512203	.6358931
#2	3.373058	.0606472	.0630911	111.1506	.2531266	.6356880
#3	3.370684	.0599440	.0629977	111.3701	.2507400	.6364307

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3889293	2.613928	2.272100	14.50520	.6177782	.0341863
Stddev	.0041333	.015803	.007329	.01884	.0004396	.0002046
%RSD	1.062737	.6045575	.3225569	.1298901	.0711628	.5985779

#1	.3850484	2.599346	2.264746	14.48477	.6179287	.0344220
#2	.3932755	2.611719	2.279404	14.50892	.6172831	.0340536
#3	.3884639	2.630719	2.272150	14.52189	.6181228	.0340833

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1364.793	.6541485	.8352695	5.654936	.0402704	.1036596
Stddev	5.267	.0040524	.0089588	.043462	.0009115	.0009501
%RSD	.3859397	.6194935	1.072565	.7685734	2.263351	.9165724

#1	1358.715	.6499191	.8264620	5.619269	.0407687	.1027405
#2	1368.029	.6579970	.8443723	5.642193	.0408241	.1046380
#3	1367.634	.6545294	.8349743	5.703345	.0392184	.1036004

Sample Name: I4413-04 Acquired: 8/8/2017 19:17:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000435	2.086792	4.238669	.0030418	.0088620	.0020993
Stddev	.0001122	.005817	.013829	.0010347	.0002944	.0000341
%RSD	257.9365	.2787718	.3262667	34.01648	3.321524	1.626240

#1	.0001145	2.093277	4.228051	.0023689	.0091964	.0020957
#2	.0001018	2.082033	4.254307	.0042333	.0086420	.0021351
#3	-.000086	2.085066	4.233648	.0025232	.0087475	.0020671

Elem	Sr4077
Units	ppm
Avg	.1358605
Stddev	.0005244
%RSD	.3860129

#1	.1352565
#2	.1361254
#3	.1361997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.1239	1620.768	36674.37	9495.099	2260.369
Stddev	4.1680	1.097	215.42	34.946	3.618
%RSD	.4539685	.0676710	.5873903	.3680382	.1600666

#1	920.7385	1620.457	36644.02	9529.553	2261.539
#2	913.3173	1621.987	36903.36	9496.061	2263.258
#3	920.3159	1619.861	36475.74	9459.682	2256.311

Sample Name: I4413-02LX5 Acquired: 8/8/2017 19:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018134	-.002555	.3713981	.0017367	.0090885	.1001304	.1567104
Stddev	.0061971	.001269	.0022216	.0022258	.0010879	.0052409	.0014399
%RSD	341.7509	49.66646	.5981580	128.1611	11.97035	5.234056	.9188496

#1	-.001598	-.001091	.3737553	.0042273	.0078670	.1050568	.1581069
#2	.008967	-.003346	.3693432	-.000058	.0094453	.0946234	.1567937
#3	-.001929	-.003228	.3710958	.001041	.0099532	.1007112	.1552306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000711	.0001077	22.16958	.0003614	.0004861	.0119315	.2783607
Stddev	.0000652	.0000200	.04107	.0007111	.0001729	.0005415	.0012422
%RSD	91.71341	18.61055	.1852538	196.7832	35.56581	4.538619	.4462602

#1	-.000001	.0000855	22.16081	.0006134	.0005818	.0122615	.2796414
#2	.000125	.0001244	22.21432	-.000441	.0002865	.0113065	.2771609
#3	.000089	.0001132	22.13360	.000912	.0005899	.0122265	.2782800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3309100	2.967807	.0031035	.0001941	267.3854	-.001641	.0409059
Stddev	.0010353	.021192	.0001417	.0002909	1.7055	.001440	.0030200
%RSD	.3128775	.7140596	4.565348	149.8971	.6378601	87.76023	7.382693

#1	.3303924	2.986033	.0029399	.0002645	268.6675	-.001120	.0398547
#2	.3321020	2.944553	.0031860	-.000126	268.0391	-.000534	.0385520
#3	.3302355	2.972833	.0031846	.000443	265.4497	-.003269	.0443110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.156807	.0077564	.0184117	.0000085	.3994514	.8577522	.0008663
Stddev	.033648	.0010375	.0010060	.0001221	.0048301	.0038618	.0003365
%RSD	2.908726	13.37610	5.463757	1439.243	1.209188	.4502279	38.84355

#1	1.180624	.0084835	.0195583	.0000887	.4045788	.8619642	.0011016
#2	1.171484	.0065683	.0179993	-.000132	.3949871	.8543782	.0010165
#3	1.118314	.0082174	.0176774	.000069	.3987882	.8569142	.0004809

Sample Name: I4413-02LX5 Acquired: 8/8/2017 19:21:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026176	.0011687	.0274094
Stddev	.0000975	.0000925	.0001672
%RSD	3.725939	7.915111	.6099510

#1	.0025146	.0012168	.0275827
#2	.0026294	.0010620	.0273966
#3	.0027086	.0012272	.0272491

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.617	1827.632	40672.22	9710.900	2722.318
Stddev	4.633	8.257	142.50	30.128	8.285
%RSD	.4530487	.4517707	.3503712	.3102528	.3043395

#1	1023.873	1818.291	40721.62	9676.602	2715.023
#2	1017.485	1833.955	40511.59	9733.093	2720.606
#3	1026.492	1830.649	40783.45	9723.005	2731.326

Sample Name: I4412-05 Acquired: 8/8/2017 19:25:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471118	.0665932	.0558529	.0465738	.1473385	2.697691	2.117213
Stddev	.0017016	.0022500	.0010241	.0035685	.0015821	.014448	.014004
%RSD	3.611816	3.378753	1.833594	7.662107	1.073765	.5355856	.6614422

#1	.0461121	.0683615	.0564057	.0426653	.1456065	2.692113	2.102557
#2	.0490766	.0640606	.0546712	.0473979	.1487076	2.714097	2.130459
#3	.0461468	.0673576	.0564819	.0496582	.1477014	2.686864	2.118622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470450	.0458980	29.13333	.2041790	.4771328	.3002962	2.995053
Stddev	.0001819	.0002062	.25829	.0021219	.0008854	.0020957	.026623
%RSD	.3866085	.4491604	.8865770	1.039257	.1855767	.6978625	.8888835

#1	.0468378	.0460665	28.83523	.2035867	.4781452	.2981695	2.965107
#2	.0471783	.0459593	29.27417	.2024162	.4767507	.3023593	3.016041
#3	.0471189	.0456681	29.29059	.2065342	.4765026	.3003598	3.004012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5816721	5.373519	.4777727	.0216242	1.422961	.5102508	.4755417
Stddev	.0045669	.049888	.0010009	.0001166	.027585	.0040515	.0096363
%RSD	.7851269	.9284055	.2095015	.5392453	1.938576	.7940270	2.026383

#1	.5764094	5.323642	.4789283	.0217542	1.447299	.5058939	.4658316
#2	.5840127	5.423418	.4772079	.0215289	1.428587	.5139050	.4756911
#3	.5845942	5.373499	.4771817	.0215894	1.392996	.5109537	.4851025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.344380	.0136726	.0398872	.0001979	15.38754	4.547681	-.001307
Stddev	.035667	.0005194	.0013553	.0000726	.10054	.145050	.000407
%RSD	1.521389	3.799069	3.397784	36.68567	.6533818	3.189542	31.16445

#1	2.303391	.0130935	.0383560	.0002177	15.50219	4.388569	-.001028
#2	2.368347	.0138271	.0403725	.0001175	15.34601	4.672538	-.001775
#3	2.361402	.0140973	.0409329	.0002587	15.31442	4.581936	-.001120

Sample Name: I4412-05 Acquired: 8/8/2017 19:25:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0487664	.0001338	.0362128
Stddev	.0021579	.0000095	.0002315
%RSD	4.424941	7.102561	.6393194

#1	.0469639	.0001378	.0359754
#2	.0511575	.0001407	.0364380
#3	.0481778	.0001230	.0362250

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.894	1940.900	44902.80	10198.51	3154.025
Stddev	10.709	1.371	284.03	39.08	2.951
%RSD	.9562688	.0706349	.6325424	.3831772	.0935567

#1	1130.866	1941.198	45073.29	10229.67	3150.991
#2	1119.346	1942.098	45060.19	10154.67	3154.200
#3	1109.469	1939.405	44574.92	10211.19	3156.885

Sample Name: I4413-05 Acquired: 8/8/2017 19:29:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003376	-.013676	1.101004	.0100654	.0716727	.3326810
Stddev	.000366	.001299	.005265	.0018644	.0006563	.0025644
%RSD	10.84177	9.495147	.4781637	18.52264	.9156402	.7708189

#1	-.002976	-.014147	1.106592	.0093650	.0720768	.3327526
#2	-.003695	-.012208	1.096137	.0121786	.0720259	.3300816
#3	-.003457	-.014673	1.100283	.0086527	.0709155	.3352089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6054136	.0000791	.0008875	69.86203	.0009373	.0141198
Stddev	.0013631	.0000809	.0001572	.25021	.0002745	.0001974
%RSD	.2251564	102.3574	17.71743	.3581449	29.29002	1.398317

#1	.6044000	.0001721	.0007380	69.89205	.0011993	.0139034
#2	.6048776	.0000246	.0008730	69.59816	.0006518	.0142902
#3	.6069633	.0000405	.0010514	70.09587	.0009607	.0141656

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756001	1.693971	2.388239	7.415524	.0208487	.0001823
Stddev	.0012877	.008767	.002651	.024152	.0004140	.0000817
%RSD	1.703293	.5175553	.1109879	.3256961	1.985500	44.79108

#1	.0770512	1.698480	2.388326	7.443400	.0204637	.0002650
#2	.0745937	1.683867	2.385546	7.400866	.0212866	.0001018
#3	.0751553	1.699566	2.390845	7.402306	.0207959	.0001801

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1368.248	-.001309	.3076102	6.189899	.0442102	.0890659
Stddev	2.472	.001454	.0033778	.006924	.0003278	.0009145
%RSD	.1806679	111.1179	1.098075	.1118572	.7414210	1.026729

#1	1365.501	.000369	.3072518	6.185073	.0439015	.0880740
#2	1370.292	-.002093	.3044260	6.186791	.0445542	.0898754
#3	1368.950	-.002202	.3111530	6.197832	.0441748	.0892484

Sample Name: I4413-05 Acquired: 8/8/2017 19:29:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001091	1.328652	2.971943	.0049258	.0055812	.0002779
Stddev	.0003306	.004206	.010074	.0006350	.0004898	.0001710
%RSD	303.0145	.3165664	.3389637	12.89231	8.776182	61.50718

#1	-.000212	1.332187	2.981925	.0052508	.0054446	.0002029
#2	.000449	1.324000	2.972125	.0041941	.0061248	.0001574
#3	.000091	1.329769	2.961780	.0053327	.0051742	.0004736

Elem	Sr4077
Units	ppm
Avg	.1022246
Stddev	.0003202
%RSD	.3132267

#1	.1019420
#2	.1025724
#3	.1021594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	912.1636	1614.420	36300.15	9574.693	2275.453
Stddev	6.1360	2.717	111.78	7.891	3.816
%RSD	.6726827	.1682728	.3079353	.0824115	.1677016

#1	913.4163	1616.218	36395.20	9580.128	2273.845
#2	917.5765	1611.295	36328.25	9565.642	2272.704
#3	905.4979	1615.748	36177.00	9578.308	2279.810

Sample Name: I4413-06 Acquired: 8/8/2017 19:33:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473097	-.012054	F 408.9151	.0068831	.8615654	.1446510
Stddev	.0027808	.002785	2.2831	.0065141	.0067797	.0047682
%RSD	5.877779	23.10679	.5583369	94.63893	.7869077	3.296381

#1	.0500264	-.010293	411.4755	.0022634	.8693854	.1394616
#2	.0474335	-.015265	408.1788	.0143337	.8573384	.1456524
#3	.0444691	-.010604	407.0910	.0040523	.8579724	.1488391

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.075677	.0000736	.0048024	87.58650	-.001807	.0404390
Stddev	.004638	.0000981	.0000934	.18054	.000468	.0002820
%RSD	.4312056	133.2500	1.944227	.2061290	25.92099	.6973159

#1	1.076813	-.000035	.0047362	87.37899	-.001351	.0405933
#2	1.079642	.000100	.0049092	87.67289	-.001782	.0406101
#3	1.070577	.000156	.0047618	87.70760	-.002287	.0401135

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268461	.3684756	3.523262	4.296961	.0647657	.0001776
Stddev	.015388	.0040346	.008902	.013081	.0006991	.0002010
%RSD	.6783288	1.094948	.2526562	.3044262	1.079400	113.2228

#1	2.276952	.3665804	3.513154	4.283408	.0654782	.0003478
#2	2.277731	.3657375	3.526702	4.309512	.0640809	.0002291
#3	2.250698	.3731089	3.529930	4.297963	.0647380	-.000044

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1393.047	-.000606	1.009901	3.247984	-.015594	.0434601
Stddev	3.375	.001391	.018078	.020117	.000512	.0010677
%RSD	.2422591	229.6361	1.790112	.6193555	3.280234	2.456749

#1	1394.736	-.000208	.989040	3.264542	-.015212	.0423113
#2	1395.244	.000543	1.019664	3.225597	-.016175	.0444220
#3	1389.161	-.002153	1.020999	3.253815	-.015394	.0436470

Sample Name: I4413-06 Acquired: 8/8/2017 19:33:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000988	.7185694	2.665425	.0010229	.0005758	.0006876
Stddev	.0002747	.0030172	.023655	.0025658	.0004595	.0000722
%RSD	277.9663	.4198894	.8874614	250.8352	79.79981	10.49515

#1	-.000016	.7215035	2.685439	.0023110	.0008592	.0007709
#2	-.000100	.7154755	2.671515	.0026894	.0000456	.0006452
#3	.000412	.7187291	2.639320	-.001932	.0008227	.0006467

Elem	Sr4077
Units	ppm
Avg	.1227421
Stddev	.0005467
%RSD	.4453771

#1	.1230247
#2	.1230897
#3	.1221120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.3317	1608.868	39591.77	9480.679	2261.755
Stddev	10.2415	10.237	57.33	52.536	12.214
%RSD	1.123792	.6362769	.1448114	.5541404	.5400245

#1	923.1574	1598.341	39655.34	9442.990	2247.910
#2	905.4789	1618.787	39576.00	9458.356	2271.008
#3	905.3589	1609.474	39543.97	9540.690	2266.345

Sample Name: I4413-07 Acquired: 8/8/2017 19:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045320	-.010969	14.12033	.0088215	.2662951	.3533214
Stddev	.0030121	.000483	.03235	.0022600	.0015398	.0133139
%RSD	66.46349	4.407549	.2291163	25.61894	.5782102	3.768212

#1	.0066956	-.011270	14.12228	.0063353	.2665109	.3433397
#2	.0058086	-.011227	14.08705	.0107513	.2646589	.3684381
#3	.0010918	-.010412	14.15166	.0093779	.2677156	.3481863

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5367715	.0001600	.0006071	49.31391	.0003400	.0225021
Stddev	.0031157	.0000416	.0001652	.37564	.0004480	.0003102
%RSD	.5804545	26.02292	27.21396	.7617279	131.7717	1.378424

#1	.5401207	.0001695	.0004512	49.74611	-.000109	.0226115
#2	.5339590	.0001144	.0007803	49.12954	.000787	.0221521
#3	.5362349	.0001960	.0005899	49.06609	.000343	.0227428

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3650877	1.193879	1.940280	4.142844	.0336002	.0002110
Stddev	.0011228	.007559	.015537	.042308	.0002714	.0001606
%RSD	.3075497	.6331847	.8007679	1.021236	.8076864	76.12051

#1	.3663021	1.193638	1.958219	4.187244	.0337343	.0001274
#2	.3640873	1.201557	1.931073	4.102996	.0332879	.0001095
#3	.3648736	1.186444	1.931548	4.138293	.0337785	.0003962

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1387.990	.0002774	.2137371	4.212919	.0141362	.0569507
Stddev	11.685	.0028592	.0060124	.042210	.0006942	.0006733
%RSD	.8418733	1030.581	2.812988	1.001920	4.910798	1.182216

#1	1401.374	.0034583	.2202592	4.185637	.0133400	.0563217
#2	1379.812	-.000547	.2125365	4.191581	.0144540	.0576609
#3	1382.786	-.002079	.2084156	4.261538	.0146146	.0568695

Sample Name: I4413-07 Acquired: 8/8/2017 19:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002330	.5249239	2.509741	.0039111	.0117241	-.000108
Stddev	.0002447	.0061973	.011849	.0012342	.0010076	.000080
%RSD	105.0230	1.180613	.4721119	31.55546	8.594551	74.58742

#1	.0003791	.5186975	2.523050	.0052299	.0109845	-.000104
#2	-.000049	.5310918	2.505833	.0037194	.0128718	-.000190
#3	.000369	.5249823	2.500341	.0027840	.0113161	-.000029

Elem	Sr4077
Units	ppm
Avg	.0721449
Stddev	.0003510
%RSD	.4864707

#1	.0725070
#2	.0718062
#3	.0721214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.8729	1644.943	37148.03	9584.569	2309.675
Stddev	1.4506	7.744	37.83	37.281	6.335
%RSD	.1545093	.4707884	.1018397	.3889692	.2742935

#1	937.4452	1652.572	37116.82	9543.482	2315.165
#2	940.3455	1645.169	37137.16	9616.239	2311.116
#3	938.8280	1637.088	37190.10	9593.985	2302.743

Sample Name: I4413-08 Acquired: 8/8/2017 19:42:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293224	-.007343	F 908.2268	.0064051	.8898819	.1100003
Stddev	.0028526	.004304	3.4648	.0008008	.0020211	.0052627
%RSD	9.728473	58.61232	.3814949	12.50324	.2271239	4.784248

#1	.0262297	-.011964	912.2252	.0055333	.8915995	.1115058
#2	.0298870	-.003449	906.1058	.0071082	.8876547	.1143462
#3	.0318505	-.006616	906.3495	.0065737	.8903914	.1041489

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264290	.0001749	.0084932	83.91037	-.002591	.0612801
Stddev	.005990	.0000950	.0001908	.11000	.000254	.0005624
%RSD	.4737766	54.29498	2.246325	.1310915	9.784467	.9176838

#1	1.257451	.0002724	.0086760	83.94216	-.002731	.0617237
#2	1.266814	.0001698	.0082953	83.78798	-.002744	.0606476
#3	1.268604	.0000826	.0085084	84.00097	-.002299	.0614689

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.578468	4.172811	5.055376	2.853989	.0827165	.0002180
Stddev	.004467	.004413	.012886	.007134	.0010678	.0000830
%RSD	.2829874	.1057573	.2548918	.2499611	1.290911	38.06098

#1	1.583037	4.177502	5.065404	2.859258	.0838221	.0001291
#2	1.574111	4.168742	5.040843	2.856840	.0816911	.0002315
#3	1.578256	4.172188	5.059881	2.845871	.0826363	.0002934

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1414.296	-.000608	1.965810	5.270435	-.007484	.0376334
Stddev	2.402	.000595	.028483	.049311	.000231	.0015370
%RSD	.1698505	97.89001	1.448900	.9356165	3.089105	4.084185

#1	1411.526	-.000631	1.988539	5.214014	-.007684	.0363167
#2	1415.565	-.000002	1.975031	5.292007	-.007231	.0372611
#3	1415.798	-.001192	1.933859	5.305284	-.007539	.0393223

Sample Name: I4413-08 Acquired: 8/8/2017 19:42:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000707	1.014248	2.807470	.0005043	-.000083	.0005043
Stddev	.000243	.011296	.013503	.0022055	.000704	.0000776
%RSD	34.40599	1.113729	.4809659	437.3096	848.5142	15.37874

#1	-.000787	1.006971	2.802566	-.001356	.000730	.0004537
#2	-.000434	1.027262	2.797105	-.000072	-.000471	.0004656
#3	-.000901	1.008512	2.822740	.002941	-.000507	.0005936

Elem	Sr4077
Units	ppm
Avg	.1240449
Stddev	.0001029
%RSD	.0829610

#1	.1239274
#2	.1241188
#3	.1240886

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.5606	1615.632	45478.28	9465.925	2277.993
Stddev	14.4496	.974	363.06	5.425	2.821
%RSD	1.574787	.0603117	.7983164	.0573096	.1238442

#1	907.7590	1615.200	45182.16	9462.518	2276.177
#2	910.7679	1614.948	45369.34	9472.181	2281.244
#3	934.1549	1616.748	45883.34	9463.076	2276.560

Sample Name: I4406-14DLX10 Acquired: 8/8/2017 19:46:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237349	-.009790	.0809073	-.018853	.0004692	6.357924	.0713038
Stddev	.0018004	.002011	.0004549	.003140	.0002358	.013287	.0003697
%RSD	7.585593	20.53766	.5621992	16.65493	50.24648	.2089880	.5184108

#1	.0256605	-.011616	.0803838	-.016158	.0007381	6.368023	.0710341
#2	.0220935	-.010118	.0812057	-.018101	.0003717	6.362878	.0717252
#3	.0234506	-.007635	.0811323	-.022301	.0002978	6.342872	.0711521

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006545	.0052308	6.742637	.0470608	.0134798	.1846021	86.75980
Stddev	.0000403	.0001479	.015849	.0000387	.0001937	.0008978	.14086
%RSD	6.158163	2.827424	.2350631	.0821657	1.437141	.4863472	.1623534

#1	.0006970	.0051573	6.750329	.0470231	.0134329	.1851390	86.66822
#2	.0006498	.0051341	6.724410	.0470588	.0133138	.1835657	86.68919
#3	.0006168	.0054010	6.753173	.0471003	.0136927	.1851017	86.92200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6988079	4.299920	.0561549	.0000767	.6646881	.0200001	.0748169
Stddev	.0007462	.004792	.0002463	.0000906	.0480410	.0002914	.0023921
%RSD	.1067804	.1114461	.4385158	118.0995	7.227606	1.457082	3.197323

#1	.6985225	4.296092	.0558747	-.000025	.6114186	.0201269	.0726102
#2	.6996547	4.298373	.0562533	.000148	.7047285	.0196668	.0744814
#3	.6982466	4.305294	.0563367	.000108	.6779171	.0202067	.0773591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.109442	.1671027	-.242553	.0111534	.3972062	1.946739	.0393720
Stddev	.015626	.0008528	.001776	.0001300	.0014382	.013378	.0007139
%RSD	1.408463	.5103232	.7320066	1.165268	.3620705	.6871840	1.813136

#1	1.102947	.1661810	-.243384	.0111820	.3980325	1.961912	.0394683
#2	1.127269	.1678637	-.240514	.0110115	.3980405	1.936644	.0386148
#3	1.098112	.1672635	-.243760	.0112667	.3955456	1.941662	.0400328

Sample Name: I4406-14DLX10 Acquired: 8/8/2017 19:46:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2X9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2802829	.0028863	.0098692
Stddev	.0012926	.0001574	.0000500
%RSD	.4611790	5.452677	.5068765

#1	.2812217	.0029698	.0099268
#2	.2808185	.0029844	.0098368
#3	.2788086	.0027048	.0098441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.733	1946.119	44086.14	9914.869	3090.561
Stddev	4.504	7.442	90.03	53.750	8.574
%RSD	.4152067	.3823880	.2042231	.5421115	.2774392

#1	1081.540	1941.628	44075.43	9852.807	3083.842
#2	1082.774	1942.021	44181.06	9946.470	3087.622
#3	1089.884	1954.709	44001.95	9945.329	3100.218

Sample Name: I4409-02DLX10 Acquired: 8/8/2017 19:50:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194454	-.001631	8.646428	-.004799	.0547460	5.448025	.0799296
Stddev	.0010301	.001062	.023523	.000774	.0008614	.035848	.0005627
%RSD	5.297238	65.11708	.2720515	16.11935	1.573429	.6580030	.7040516

#1	.0205945	-.000485	8.634895	-.005568	.0543620	5.477471	.0803433
#2	.0186050	-.002582	8.673491	-.004809	.0541434	5.458495	.0801566
#3	.0191367	-.001828	8.630897	-.004021	.0557326	5.408107	.0792888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002732	.0012708	5.461744	.0113506	.0080787	.0511056	19.94735
Stddev	.0000410	.0000264	.022242	.0000384	.0001370	.0004531	.09226
%RSD	15.02035	2.074005	.4072258	.3385971	1.696049	.8865276	.4625047

#1	.0002319	.0012425	5.486805	.0113143	.0080067	.0514770	19.95304
#2	.0003140	.0012750	5.454076	.0113908	.0082367	.0506008	20.03664
#3	.0002736	.0012947	5.444351	.0113466	.0079927	.0512389	19.85238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4478714	3.803065	.0202617	.0004677	.2891608	.0158803	.0639516
Stddev	.0014288	.030302	.0000410	.0001725	.1162404	.0008891	.0011600
%RSD	.3190232	.7967722	.2022531	36.88891	40.19922	5.598774	1.813840

#1	.4493400	3.822216	.0202622	.0005801	.1818375	.0165522	.0631297
#2	.4477883	3.818849	.0202205	.0002691	.2730149	.0162166	.0652785
#3	.4464860	3.768129	.0203025	.0005540	.4126301	.0148721	.0634466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.124533	.1879308	-.058894	-.000019	.3554399	1.396620	.0073972
Stddev	.038816	.0011810	.000656	.000358	.0035680	.003857	.0001296
%RSD	3.451704	.6284044	1.113271	1934.240	1.003823	.2761697	1.751788

#1	1.122473	.1892834	-.059386	-.000028	.3578038	1.398252	.0072773
#2	1.086789	.1871045	-.059146	-.000372	.3571802	1.392215	.0073796
#3	1.164338	.1874045	-.058150	.000344	.3513357	1.399392	.0075347

Sample Name: I4409-02DLX10 Acquired: 8/8/2017 19:50:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Y9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2212300	.0019048	.0090490
Stddev	.0013268	.0000521	.0000107
%RSD	.5997532	2.734878	.1180774

#1	.2197113	.0018970	.0090454
#2	.2218141	.0018571	.0090611
#3	.2221645	.0019604	.0090407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.655	2006.358	45378.21	10082.00	3218.278
Stddev	6.845	12.823	353.54	44.89	10.736
%RSD	.6042990	.6390941	.7790861	.4452063	.3335886

#1	1126.807	1991.561	45233.50	10047.07	3207.306
#2	1130.975	2013.294	45119.99	10066.30	3218.769
#3	1140.183	2014.218	45781.14	10132.63	3228.760

Sample Name: I4409-09DLX10 Acquired: 8/8/2017 19:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1805503	-.002982	31.98492	-.007617	.4825605	6.286570	.0895354
Stddev	.0063112	.001449	.08423	.001951	.0009817	.022815	.0003453
%RSD	3.495553	48.59387	.2633375	25.61538	.2034329	.3629227	.3856754

#1	.1878357	-.001382	31.89173	-.006153	.4814281	6.299357	.0899268
#2	.1767533	-.004205	32.00740	-.009832	.4831708	6.300125	.0894053
#3	.1770618	-.003361	32.05563	-.006867	.4830826	6.260229	.0892740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002468	.0014155	6.051632	.0115477	.0095295	.5822930	22.96324
Stddev	.0001292	.0001248	.015507	.0003435	.0002407	.0045897	.06672
%RSD	52.34554	8.815952	.2562479	2.974244	2.526210	.7882103	.2905555

#1	.0000999	.0012784	6.058222	.0112801	.0094902	.5875361	23.03708
#2	.0003425	.0014456	6.033918	.0119350	.0093108	.5803407	22.90727
#3	.0002979	.0015225	6.062756	.0114281	.0097874	.5790023	22.94539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5037364	4.294460	.0233692	.0014380	.3452460	.0202937	.1203378
Stddev	.0009541	.024791	.0003610	.0000238	.0223109	.0015072	.0059369
%RSD	.1894082	.5772682	1.544662	1.657921	6.462325	7.427101	4.933523

#1	.5046494	4.317522	.0229997	.0014561	.3518552	.0190617	.1135295
#2	.5038140	4.297615	.0233867	.0014470	.3635057	.0198451	.1230474
#3	.5027459	4.268243	.0237211	.0014110	.3203772	.0219743	.1244365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197546	.2024896	-.068070	.0000050	.3772106	1.290672	.0015851
Stddev	.014617	.0015662	.000384	.0001526	.0049005	.003102	.0012733
%RSD	1.220556	.7734554	.5636227	3023.005	1.299142	.2403281	80.32784

#1	1.208943	.2007862	-.068478	-.000015	.3741849	1.293714	.0001154
#2	1.181067	.2028153	-.068015	-.000137	.3828646	1.287514	.0022855
#3	1.202628	.2038673	-.067716	.000167	.3745824	1.290788	.0023544

Sample Name: I4409-09DLX10 Acquired: 8/8/2017 19:54:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2632362	.0018667	.0095360
Stddev	.0000554	.0001273	.0000221
%RSD	.0210653	6.819500	.2321647

#1	.2632080	.0019210	.0095359
#2	.2632005	.0019579	.0095582
#3	.2633001	.0017213	.0095139

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.797	2017.295	45974.92	10130.77	3207.349
Stddev	5.248	6.950	96.74	31.33	3.593
%RSD	.4556745	.3445396	.2104183	.3092776	.1120100

#1	1155.331	2009.412	45916.79	10094.74	3203.268
#2	1154.293	2019.927	45921.37	10151.69	3208.742
#3	1145.766	2022.544	46086.59	10145.87	3210.036

Sample Name: I4409-11DLX10 Acquired: 8/8/2017 19:58:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487809	-.002196	F 75.17744	-.008870	1.404774	4.419285
Stddev	.0042533	.002039	.18957	.003203	.004575	.012223
%RSD	8.719103	92.85047	.2521647	36.11312	.3256602	.2765877

#1	.0509857	.000063	75.33167	-.010622	1.409062	4.418649
#2	.0438779	-.002753	75.23485	-.005173	1.405301	4.407391
#3	.0514790	-.003899	74.96580	-.010816	1.399958	4.431813

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540523	.0002656	.0011471	4.493285	.0081519	.0077679
Stddev	.0001145	.0000504	.0001335	.013268	.0003837	.0003052
%RSD	.2118241	18.99438	11.64191	.2952739	4.706420	3.929333

#1	.0541395	.0003181	.0010808	4.480148	.0085593	.0075934
#2	.0539227	.0002611	.0013008	4.506679	.0080990	.0081204
#3	.0540947	.0002175	.0010597	4.493027	.0077975	.0075901

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4949561	19.63001	.4157900	3.173235	.0185310	.0026809
Stddev	.0016187	.04557	.0026001	.008851	.0004545	.0002326
%RSD	.3270384	.2321270	.6253316	.2789164	2.452748	8.675278

#1	.4949070	19.65100	.4139788	3.165074	.0183206	.0028262
#2	.4933626	19.57773	.4146221	3.171988	.0190526	.0028039
#3	.4965988	19.66130	.4187693	3.182643	.0182198	.0024127

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964849	.0127705	.0786283	.7226319	.1412760	-.059258
Stddev	.0617315	.0005518	.0033036	.0354259	.0013834	.000900
%RSD	63.98046	4.321091	4.201514	4.902347	.9792437	1.518813

#1	.1524953	.0133136	.0822404	.7559471	.1418705	-.058991
#2	.0302972	.0127875	.0757602	.6854178	.1422629	-.060262
#3	.1066623	.0122103	.0778842	.7265309	.1396947	-.058522

Sample Name: I4409-11DLX10 Acquired: 8/8/2017 19:58:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	.1925491	1.055822	.0377589	.1512342	.0005989
Stddev	.000333	.0031499	.007134	.0019435	.0010068	.0000111
%RSD	539.6760	1.635870	.6756683	5.147243	.6657174	1.853410

#1	-.000337	.1960983	1.050390	.0398209	.1502143	.0006106
#2	.000309	.1900859	1.063901	.0359608	.1512610	.0005885
#3	-.000157	.1914632	1.053174	.0374951	.1522274	.0005975

Elem	Sr4077
Units	ppm
Avg	.0072312
Stddev	.0000025
%RSD	.0350028

#1	.0072297
#2	.0072297
#3	.0072341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.710	2040.457	46211.25	10078.09	3239.849
Stddev	3.016	8.474	149.22	16.06	16.132
%RSD	.2614211	.4153150	.3229120	.1593357	.4979264

#1	1151.426	2030.948	46081.08	10078.50	3222.145
#2	1152.574	2043.212	46374.11	10093.95	3243.682
#3	1157.129	2047.210	46178.56	10061.84	3253.719

Sample Name: I4409-15DLX10 Acquired: 8/8/2017 20:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366558	-.000593	F 66.18380	-.012845	.4893923	5.276905
Stddev	.0045493	.002138	.07560	.000618	.0021259	.191940
%RSD	12.41084	360.7932	.1142258	4.814510	.4344032	3.637364

#1	.0321427	-.003023	66.16598	-.012449	.4897775	5.496988
#2	.0412404	.001000	66.26672	-.013558	.4871001	5.144197
#3	.0365842	.000245	66.11870	-.012529	.4912993	5.189531

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699778	.0002456	.0014917	5.684747	.0093165	.0084857
Stddev	.0027738	.0000814	.0001696	.180301	.0002466	.0001466
%RSD	3.963841	33.13469	11.37228	3.171669	2.646992	1.727066

#1	.0731583	.0002426	.0013250	5.892487	.0090554	.0086450
#2	.0680601	.0003285	.0016642	5.568966	.0095454	.0083566
#3	.0687149	.0001658	.0014860	5.592790	.0093487	.0084553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6428035	21.85502	.4637561	3.498034	.0200750	.0024640
Stddev	.0240412	.71201	.0158120	.106341	.0003600	.0001235
%RSD	3.740061	3.257856	3.409544	3.040016	1.793122	5.011799

#1	.6705531	22.67479	.4819830	3.620561	.0196594	.0026045
#2	.6282552	21.39088	.4537182	3.443752	.0202850	.0023729
#3	.6296024	21.49940	.4555671	3.429790	.0202808	.0024145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2062520	.0142515	.1186202	.9804059	.1587110	-.065577
Stddev	.0165379	.0013850	.0043292	.0747025	.0003961	.002268
%RSD	8.018309	9.718062	3.649621	7.619549	.2495924	3.457960

#1	.1875430	.0156960	.1174327	1.066529	.1589836	-.068156
#2	.2189205	.0141234	.1234193	.941545	.1588928	-.063897
#3	.2122927	.0129350	.1150087	.933145	.1582566	-.064677

Sample Name: I4409-15DLX10 Acquired: 8/8/2017 20:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	.2396863	1.222324	.1252301	.1780299	.0010092
Stddev	.000132	.0088701	.030469	.0008276	.0056564	.0001385
%RSD	343.9551	3.700690	2.492713	.6608647	3.177207	13.72031

#1	-.000188	.2377991	1.257425	.1243685	.1844957	.0011597
#2	.000012	.2493480	1.202702	.1260189	.1739971	.0008872
#3	.000061	.2319117	1.206844	.1253028	.1755970	.0009806

Elem	Sr4077
Units	ppm
Avg	.0081394
Stddev	.0002934
%RSD	3.604198

#1	.0084779
#2	.0079825
#3	.0079580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.624	1996.864	45400.30	9859.849	3184.494
Stddev	14.831	5.655	27.04	269.138	9.629
%RSD	1.321059	.2832172	.0595562	2.729634	.3023867

#1	1106.170	2000.663	45431.00	9549.159	3184.386
#2	1126.739	1990.364	45389.86	10021.45	3174.919
#3	1134.962	1999.564	45380.04	10008.93	3194.177

Sample Name: I4409-16DLX10 Acquired: 8/8/2017 20:06:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ307 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4215586	-.002503	40.27719	-.008415	1.347922	3.830636	.0440039
Stddev	.0070165	.001587	.71496	.000509	.022222	.022247	.0003009
%RSD	1.664426	63.39254	1.775109	6.051619	1.648606	.5807717	.6837003

#1	.4251651	-.000996	40.59321	-.008109	1.359942	3.829954	.0439385
#2	.4134724	-.002354	39.45867	-.009002	1.322279	3.853217	.0443321
#3	.4260385	-.004159	40.77969	-.008133	1.361546	3.808738	.0437411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002107	.0011724	4.312841	.0075366	.0079369	.1195518	20.23621
Stddev	.0000397	.0001057	.031015	.0001805	.0001304	.0010047	.06218
%RSD	18.83699	9.014347	.7191289	2.395355	1.642579	.8403700	.3072646

#1	.0002507	.0012069	4.343163	.0073293	.0080533	.1196290	20.25841
#2	.0002100	.0010537	4.314182	.0076207	.0079613	.1185107	20.28425
#3	.0001713	.0012565	4.281177	.0076597	.0077960	.1205156	20.16598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4219751	3.228154	.0192254	.0008212	.1088960	.0097559	.0567315
Stddev	.0007970	.047590	.0007855	.0000736	.0334864	.0005507	.0008620
%RSD	.1888813	1.474215	4.085859	8.960557	30.75085	5.644633	1.519485

#1	.4216882	3.256219	.0197356	.0008896	.1399874	.0103038	.0567067
#2	.4213613	3.173206	.0183208	.0008307	.0734421	.0097616	.0576057
#3	.4228759	3.255036	.0196198	.0007434	.1132584	.0092025	.0558822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5593987	.1540163	-.062049	-.000113	.1729424	.9710083	.0029244
Stddev	.0137761	.0027650	.000308	.000196	.0047977	.0037313	.0003103
%RSD	2.462652	1.795287	.4967146	173.3279	2.774177	.3842651	10.61047

#1	.5572892	.1545171	-.061901	-.000125	.1761156	.9739954	.0032826
#2	.5467991	.1510351	-.062403	.000088	.1674231	.9668259	.0027375
#3	.5741079	.1564967	-.061842	-.000303	.1752885	.9722036	.0027531

Sample Name: I4409-16DLX10 Acquired: 8/8/2017 20:06:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ307 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1418609	.0004098	.0062095
Stddev	.0008191	.0001134	.0000066
%RSD	.5773968	27.68192	.1061520

#1	.1411033	.0002909	.0062160
#2	.1427301	.0005168	.0062029
#3	.1417495	.0004217	.0062096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1131.901	2025.720	45592.32	10116.86	3243.656
Stddev	7.024	26.511	50.35	30.16	45.799
%RSD	.6205862	1.308709	.1104318	.2981315	1.411952

#1	1129.587	2002.715	45536.20	10083.17	3211.391
#2	1126.325	2054.712	45633.52	10126.07	3296.075
#3	1139.790	2019.731	45607.24	10141.35	3223.500

Sample Name: CCV001 Acquired: 8/8/2017 20:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.947402	4.699850	24.20249	4.886296	4.848967	367.7134
Stddev	.013583	.020618	.08795	.001972	.016330	5.8441
%RSD	.2745514	.4386853	.3633850	.0403532	.3367671	1.589295

#1	4.962556	4.715026	24.28007	4.888571	4.867618	372.4198
#2	4.936323	4.708147	24.22044	4.885078	4.837242	361.1721
#3	4.943327	4.676376	24.10695	4.885239	4.842041	369.5483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.444998	.4835808	2.475601	394.7743	14.67278	2.510312
Stddev	.055135	.0041591	.008703	1.9182	.01718	.007287
%RSD	.5837523	.8600607	.3515674	.4859103	.1171154	.2902699

#1	9.475304	.4883781	2.484732	396.8946	14.68277	2.517135
#2	9.381358	.4809877	2.474670	394.2689	14.68264	2.511164
#3	9.478334	.4813768	2.467400	393.1593	14.65294	2.502636

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83576	379.6338	14.18821	393.1165	2.368300	1.301922
Stddev	.14089	2.2620	.08134	2.6159	.007804	.004205
%RSD	.9496325	.5958354	.5732886	.6654294	.3295388	.3229899

#1	14.98799	382.2080	14.28169	396.1345	2.376289	1.298600
#2	14.70995	378.7297	14.14926	391.7157	2.367916	1.306650
#3	14.80935	377.9636	14.13366	391.4992	2.360694	1.300515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.8171	2.284176	15.02172	140.5728	F 2.968343	F 4.170240
Stddev	3.4654	.013344	.08755	1.2491	.005596	.025631
%RSD	.8799633	.5842077	.5828058	.8885883	.1885372	.6146143

#1	397.6985	2.299506	14.92188	141.9510	2.974774	4.199090
#2	391.0335	2.277861	15.05790	139.5153	2.965678	4.161531
#3	392.7193	2.275161	15.08538	140.2520	2.964578	4.150098

Sample Name: CCV001 Acquired: 8/8/2017 20:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955365	5.216193	4.764197	4.777718	4.997512	2.868392
Stddev	.009742	.012274	.034070	.022912	.033141	.028793
%RSD	.1965901	.2353037	.7151278	.4795518	.6631501	1.003805

#1	4.966012	5.225378	4.802463	4.802460	5.034743	2.900904
#2	4.953184	5.220948	4.737155	4.773462	4.986558	2.846112
#3	4.946898	5.202253	4.752972	4.757233	4.971234	2.858162

Elem	Sr4077
Units	ppm
Avg	3.012335
Stddev	.044025
%RSD	1.461490

#1	3.062845
#2	2.982105
#3	2.992055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	890.2091	1590.290	37195.02	9218.953	2071.224
Stddev	3.2623	4.229	32.49	74.280	6.522
%RSD	.3664669	.2659126	.0873587	.8057325	.3148909

#1	891.5188	1585.749	37231.47	9134.324	2064.024
#2	892.6129	1594.115	37184.51	9273.349	2072.910
#3	886.4954	1591.005	37169.09	9249.186	2076.737

Sample Name: CCB001 Acquired: 8/8/2017 20:15:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023932	-.000057	.0002770	.0007979	-.000678	.0046848	-.001154
Stddev	.0009685	.002331	.0006950	.0023956	.000872	.0007266	.000072
%RSD	40.46738	4096.786	250.8738	300.2228	128.7054	15.50902	6.277521

#1	.0035041	-.002636	-.000318	.0013115	.000189	.0043525	-.001104
#2	.0019490	.001899	.000108	.0028951	-.000666	.0055181	-.001237
#3	.0017266	.000567	.001041	-.001813	-.001556	.0041838	-.001120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000555	.0000677	.0054716	-.000079	-.000181	.0006830	.0004649
Stddev	.0000395	.0000564	.0119202	.000453	.000096	.0007712	.0078873
%RSD	71.23090	83.21886	217.8551	572.1871	52.95022	112.9137	1696.593

#1	.0000115	.0001234	.0157599	-.000458	-.000200	.0006473	-.003917
#2	.0000668	.0000107	-.007591	.000422	-.000077	-.000070	.009570
#3	.0000881	.0000692	.008246	-.000202	-.000266	.001472	-.004259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001324	-.008106	-.000196	.0002671	.0248804	-.001622	-.002024
Stddev	.0000704	.007840	.000256	.0002543	.0618184	.000385	.003541
%RSD	53.15649	96.71424	130.3910	95.20240	248.4621	23.71096	174.9788

#1	.0001988	.000870	.000068	.0000809	.0776926	-.001282	.001537
#2	.0000586	-.013609	-.000444	.0005568	.0400636	-.002040	-.002064
#3	.0001398	-.011581	-.000213	.0001636	-.043115	-.001544	-.005544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285743	-.000625	-.000112	.0004720	.0072213	-.003152	.0000806
Stddev	.0065078	.000184	.000558	.0003626	.0005806	.000414	.0013050
%RSD	22.77511	29.37389	497.0815	76.82862	8.039530	13.14508	1619.531

#1	.0224766	-.000810	.000426	.0008406	.0065933	-.003301	-.001404
#2	.0354265	-.000625	-.000687	.0001157	.0077383	-.003472	.000599
#3	.0278199	-.000442	-.000076	.0004597	.0073324	-.002684	.001047

Sample Name: CCB001 Acquired: 8/8/2017 20:15:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v111) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000429	-.000559	-.000035
Stddev	.0003654	.000101	.000006
%RSD	851.7048	18.05563	18.79937

#1	.0004405	-.000486	-.000032
#2	-.000034	-.000517	-.000030
#3	-.000278	-.000674	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.582	2019.582	45508.71	9893.438	3337.652
Stddev	5.757	20.008	122.98	85.951	28.936
%RSD	.5060635	.9907192	.2702258	.8687705	.8669632

#1	1139.898	1996.494	45440.10	9794.192	3304.811
#2	1131.028	2030.389	45435.36	9943.559	3348.746
#3	1141.820	2031.862	45650.69	9942.564	3359.400