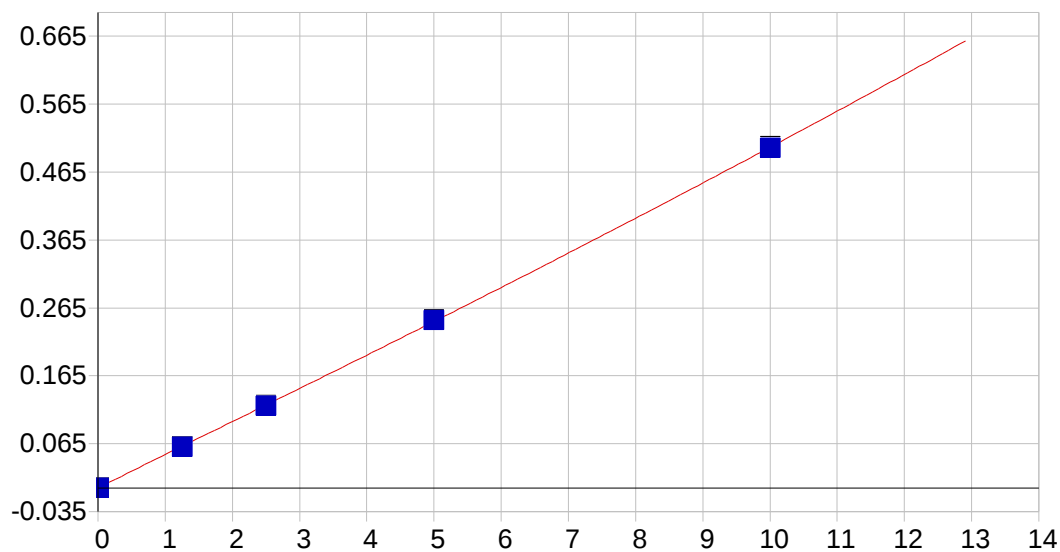




As 189.042 {479}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000585

Re-Slope: 1.000000

A1 (Gain): 0.049177

Y-int: 0.000000

A2 (Curvature): 0.000495

n (Exponent): 0.970000

Correlation: 0.999969

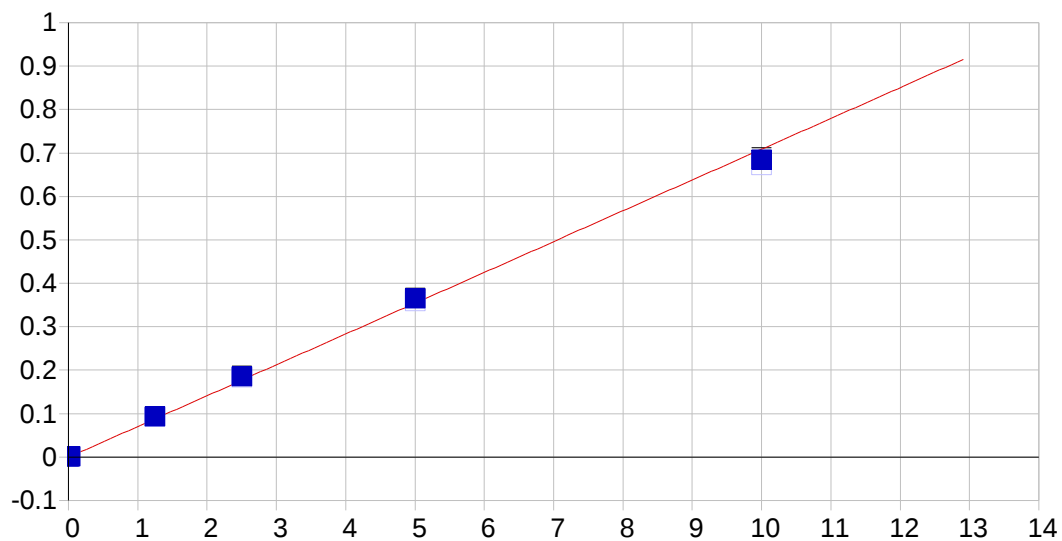
Status: Warning Positive Curvature

Std Error of Est: 0.000009

Predicted MDL: 0.003663

Predicted MQL: 0.012209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.01000	.01194	.002	19.4	.00009	.000	1
S2	1.2500	1.2369	-.013	-1.05	.06059	.000	1
S3	2.5000	2.4817	-.018	-.732	.12103	.001	1
S4	5.0000	5.0459	.046	.918	.24717	.001	1
S5	10.000	9.9837	-.016	-.163	.50050	.003	1



TI 190.856 {477}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000465

Re-Slope: 1.000000

A1 (Gain): 0.070924

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999245

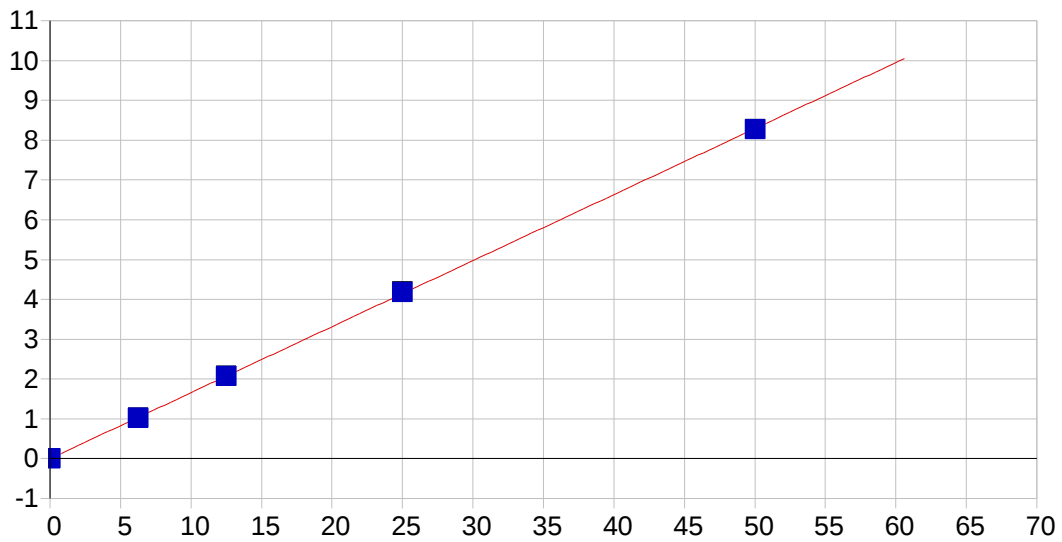
Status: OK.

Std Error of Est: 0.000072

Predicted MDL: 0.001915

Predicted MQL: 0.006382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00047	.000	1
S1	.02500	.02778	.003	11.1	.00135	.000	1
S2	1.2500	1.3199	.070	5.59	.09154	.000	1
S3	2.5000	2.6270	.127	5.08	.18263	.001	1
S4	5.0000	5.1497	.150	2.99	.35833	.001	1
S5	10.000	9.6508	-.349	-3.49	.67111	.005	1

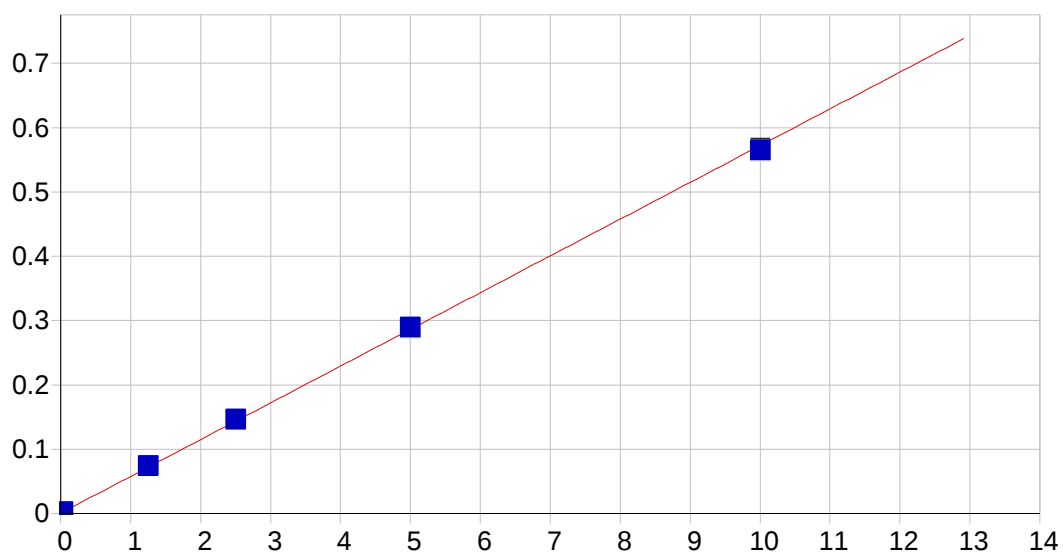


Pb 220.353 {453}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.165801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.001629
 Predicted MQL: 0.005429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01000	.01070	.001	7.04	.00163	.000	1
S2	6.2500	6.1712	-.079	-1.26	1.0234	.001	1
S3	12.500	12.476	-.024	-.192	2.0690	.002	1
S4	25.000	25.232	.232	.927	4.1845	.009	1
S5	50.000	49.870	-.130	-.259	8.2709	.008	1



Se 196.090 {472}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000537

Re-Slope: 1.000000

A1 (Gain): 0.057145

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999904

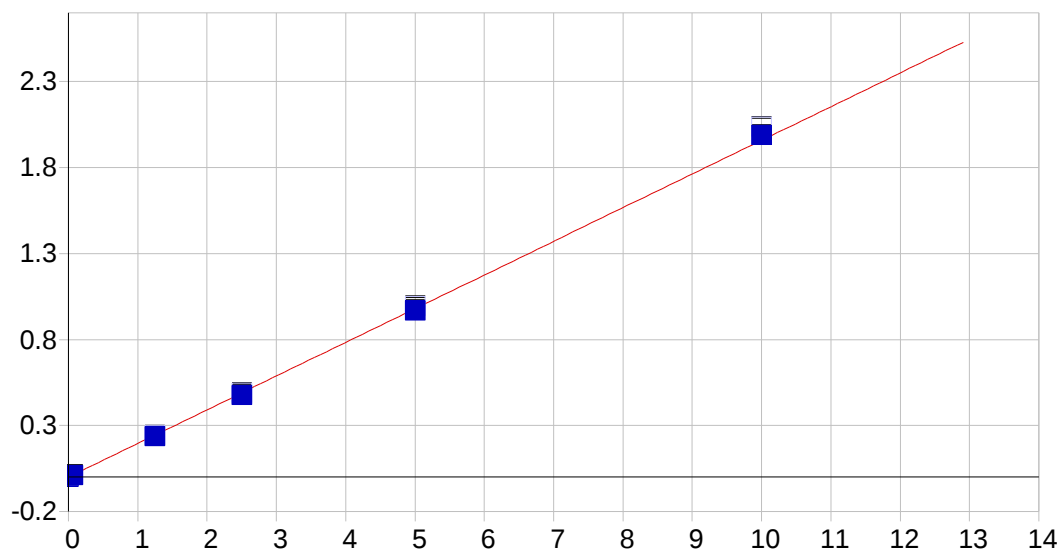
Status: OK.

Std Error of Est: 0.000025

Predicted MDL: 0.003346

Predicted MQL: 0.011152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.03500	.03639	.001	3.96	.00261	.000	1
S2	1.2500	1.2822	.032	2.58	.07354	.000	1
S3	2.5000	2.5449	.045	1.80	.14543	.001	1
S4	5.0000	5.0439	.044	.878	.28771	.002	1
S5	10.000	9.8776	-.122	-1.22	.56288	.003	1

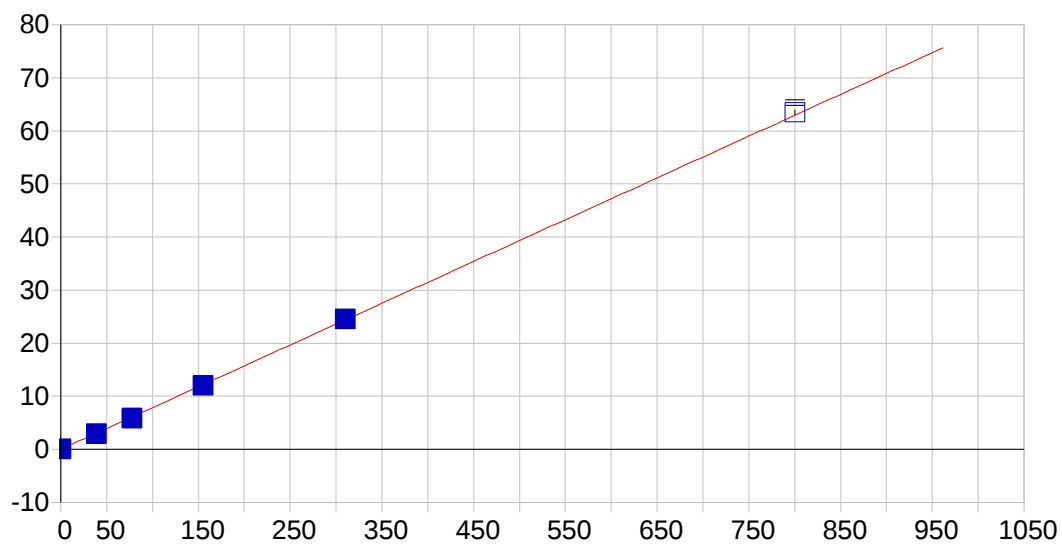


Sb 206.833 {463}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.195859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.001363
 Predicted MQL: 0.004543

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.06000	.06194	.002	3.23	.01213	.000	1
S2	1.2500	1.2185	-.031	-2.52	.24455	.000	1
S3	2.5000	2.4358	-.064	-2.57	.48885	.003	1
S4	5.0000	4.9437	-.056	-1.13	.99181	.005	1
S5	10.000	10.150	.150	1.50	2.0350	.005	1



AI 396.152 { 85}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000283

Re-Slope: 1.000000

A1 (Gain): 0.078671

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999870

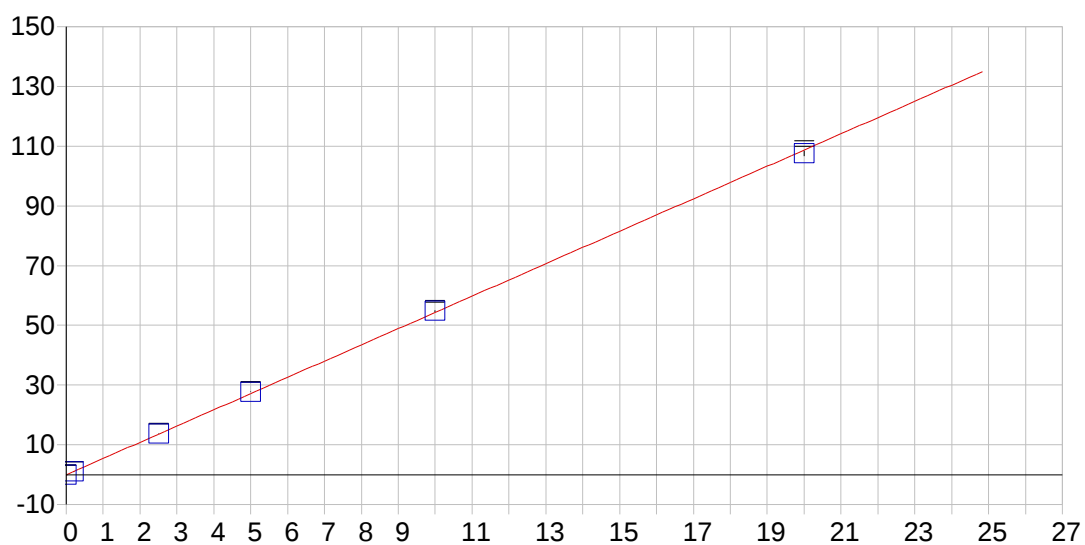
Status: OK.

Std Error of Est: 0.000788

Predicted MDL: 0.005972

Predicted MQL: 0.019908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00028	.000	1
S1	.20000	.19955	.000	-.224	.01601	.000	1
S2	38.750	36.543	-2.21	-5.70	2.8788	.019	1
S3	77.500	74.233	-3.27	-4.22	5.8476	.020	1
S4	155.00	152.67	-2.33	-1.50	12.026	.005	1
S5	310.00	311.14	1.14	.367	24.507	.012	1
S6	800.00	806.67	6.67	.834	63.462	.557	1



Ba 493.409 { 68}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.041506

Re-Slope: 1.000000

A1 (Gain): 5.436524

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999918

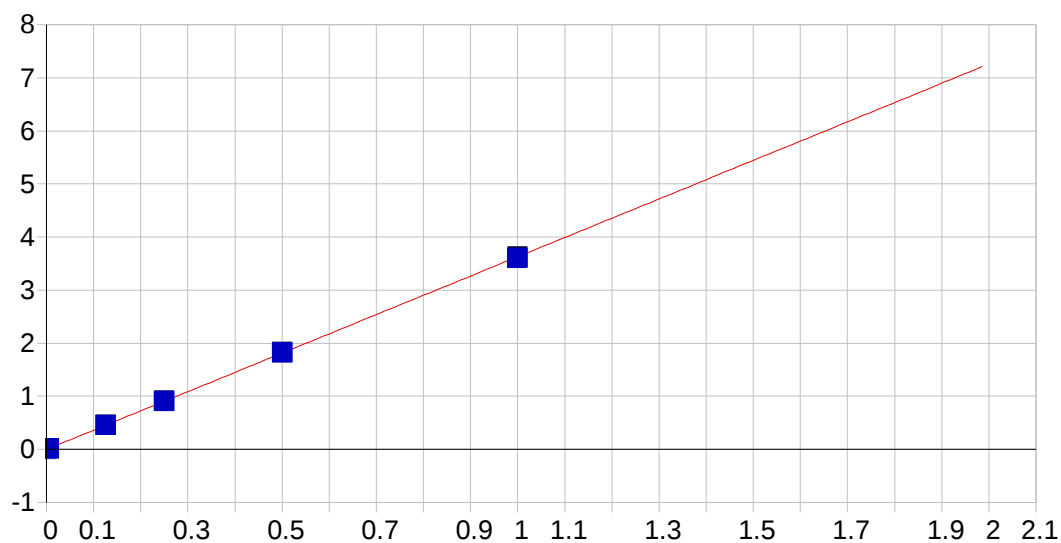
Status: OK.

Std Error of Est: 0.007397

Predicted MDL: 0.000288

Predicted MQL: 0.000959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.04146	.001	1
S1	.20000	.18582	-.014	-7.09	.96868	.003	1
S2	2.5000	2.5338	.034	1.35	13.733	.089	1
S3	5.0000	5.1012	.101	2.02	27.691	.094	1
S4	10.000	10.080	.080	.804	54.761	.197	1
S5	20.000	19.799	-.201	-1.01	107.60	.875	1



Be 234.861 {144}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001641

Re-Slope: 1.000000

A1 (Gain): 3.630340

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

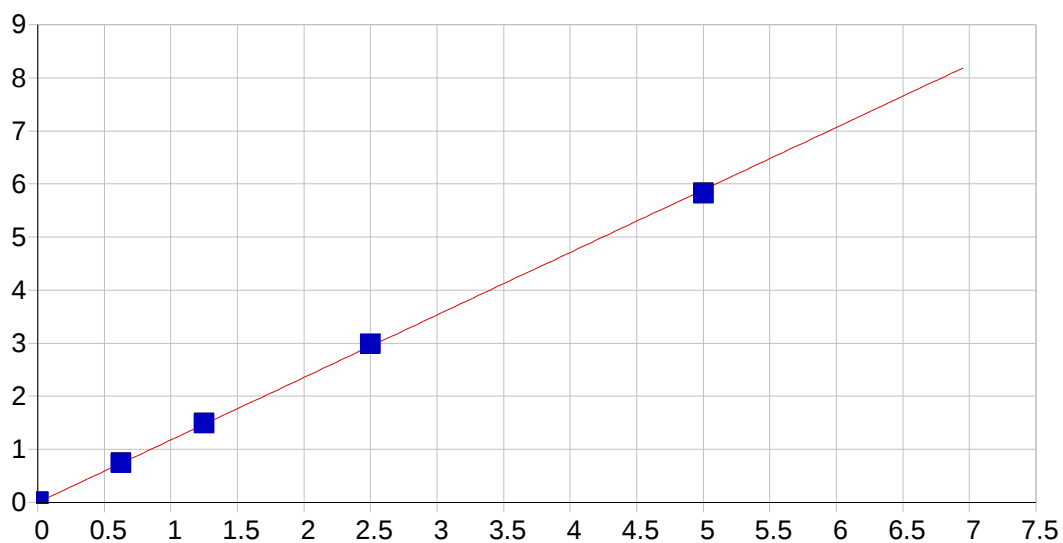
Status: OK.

Std Error of Est: 0.000071

Predicted MDL: 0.000078

Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00164	.000	1
S1	.00500	.00500	.000	-.014	.01650	.000	1
S2	.12500	.12619	.001	.953	.45495	.003	1
S3	.25000	.25054	.001	.216	.90486	.004	1
S4	.50000	.50288	.003	.577	1.8179	.008	1
S5	1.0000	.99538	-.005	-.462	3.5997	.018	1



Cd 214.438 {457}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000147

Re-Slope: 1.000000

A1 (Gain): 1.177555

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999908

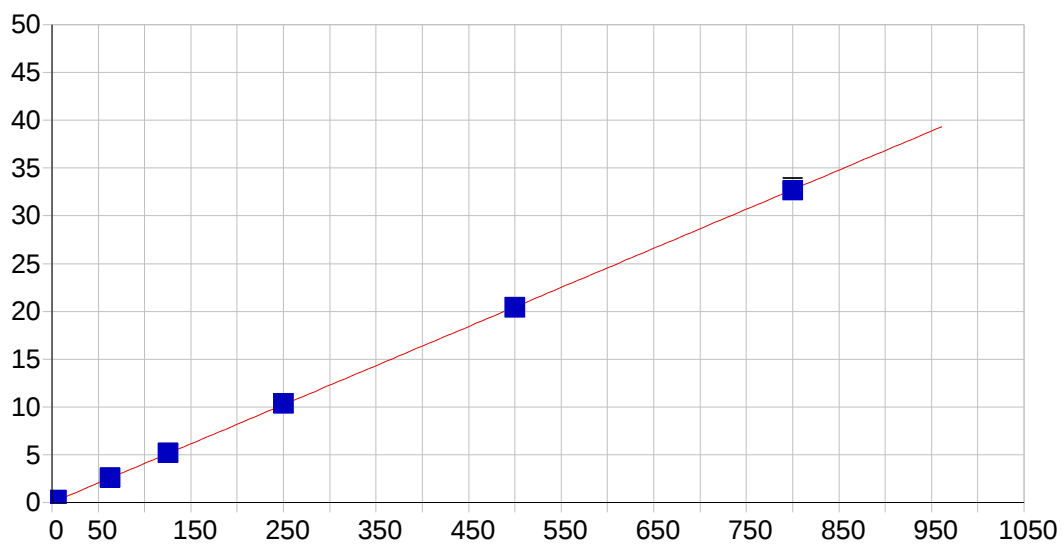
Status: OK.

Std Error of Est: 0.000134

Predicted MDL: 0.000149

Predicted MQL: 0.000496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00500	.00550	.000	9.98	.00663	.000	1
S2	.62500	.63297	.008	1.28	.74724	.002	1
S3	1.2500	1.2670	.017	1.36	1.4956	.007	1
S4	2.5000	2.5373	.037	1.49	2.9949	.002	1
S5	5.0000	4.9372	-.063	-1.26	5.8278	.008	1



Ca 373.690 { 90}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000774

Re-Slope: 1.000000

A1 (Gain): 0.040924

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

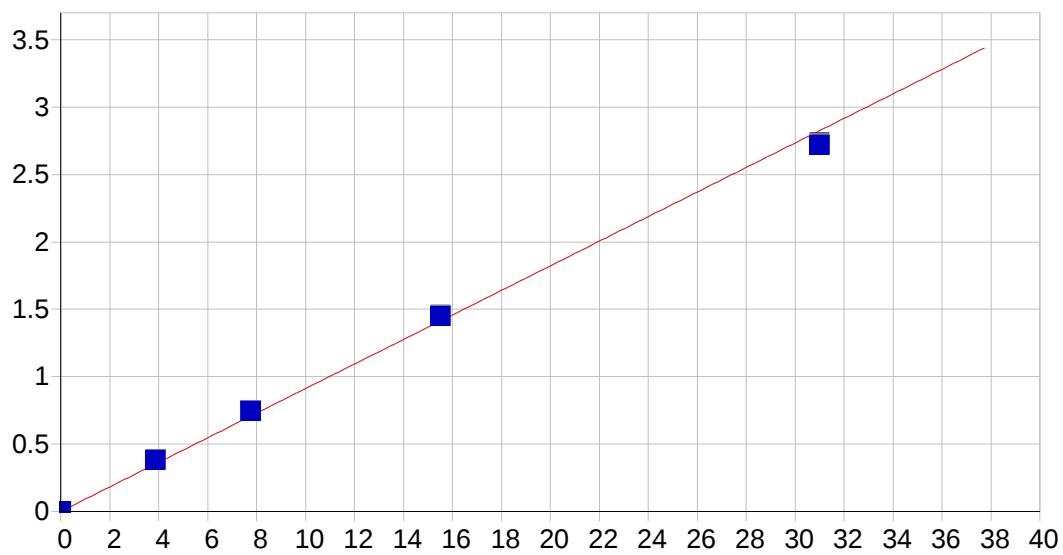
Status: OK.

Std Error of Est: 0.000724

Predicted MDL: 0.011138

Predicted MQL: 0.037128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00077	.000	1
S1	5.0000	5.1204	.120	2.41	.21031	.001	1
S2	62.500	62.962	.462	.739	2.5743	.016	1
S3	125.00	125.90	.897	.717	5.1467	.033	1
S4	250.00	252.29	2.29	.917	10.313	.006	1
S5	500.00	498.51	-1.49	-.298	20.377	.018	1
S6	800.00	797.72	-2.28	-.285	32.580	.323	1

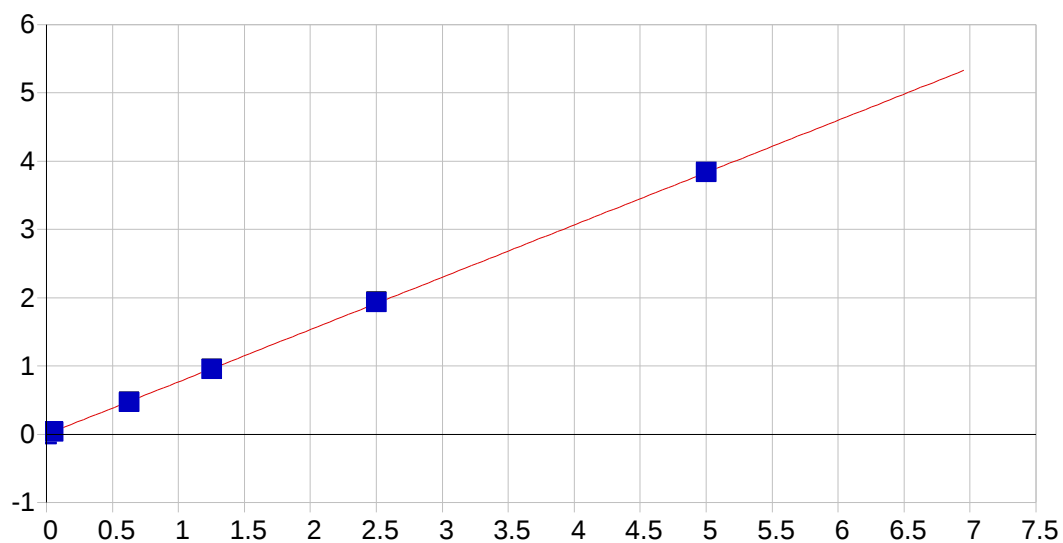


Cr 267.716 {126}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.091138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999070 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.000547
 Predicted MQL: 0.001823

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.01184	.002	18.4	.00116	.000	1
S2	3.8750	4.2103	.335	8.65	.38470	.001	1
S3	7.7500	8.1785	.429	5.53	.74727	.002	1
S4	15.500	15.913	.413	2.66	1.4540	.003	1
S5	31.000	29.822	-1.18	-3.80	2.7253	.008	1



Co 228.616 {448}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000361

Re-Slope: 1.000000

A1 (Gain): 0.766686

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999932

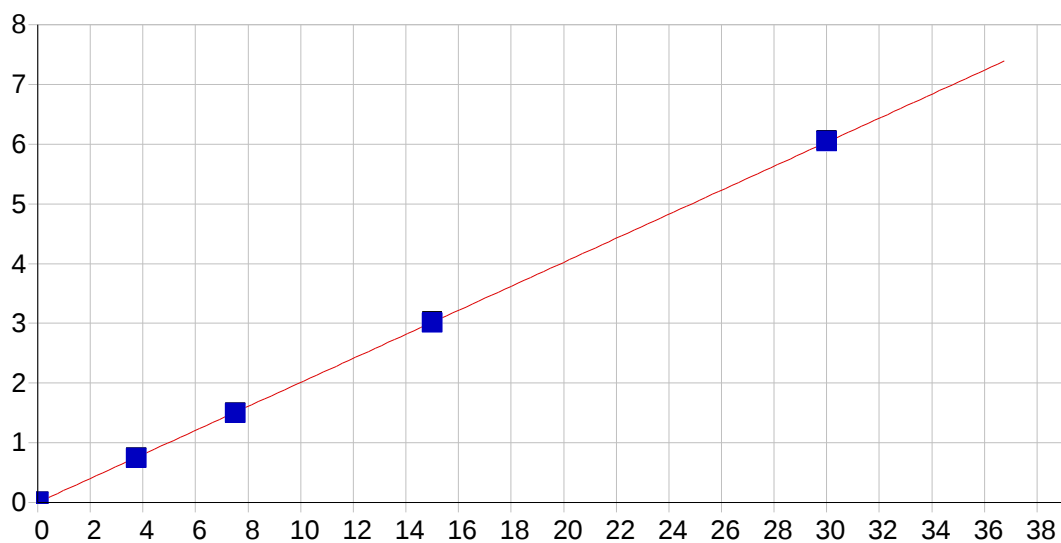
Status: OK.

Std Error of Est: 0.000239

Predicted MDL: 0.000240

Predicted MQL: 0.000801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00036	.000	1
S1	.05000	.04404	-.006	-11.9	.03355	.000	1
S2	.62500	.61091	-.014	-2.25	.46901	.000	1
S3	1.2500	1.2413	-.009	-.695	.95334	.001	1
S4	2.5000	2.5222	.022	.887	1.9374	.004	1
S5	5.0000	5.0066	.007	.131	3.8461	.002	1



Cu 324.754 {104}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000447

Re-Slope: 1.000000

A1 (Gain): 0.201082

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

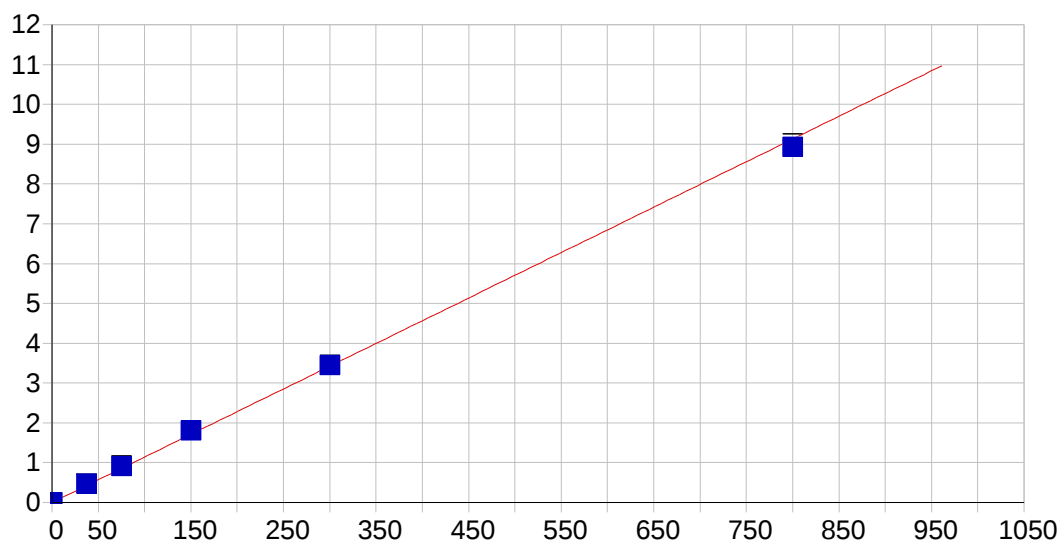
Status: OK.

Std Error of Est: 0.000046

Predicted MDL: 0.001463

Predicted MQL: 0.004878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.02500	.02703	.002	8.11	.00585	.000	1
S2	3.7500	3.7088	-.041	-1.10	.74408	.003	1
S3	7.5000	7.4427	-.057	-.764	1.4927	.006	1
S4	15.000	14.992	-.008	-.051	3.0065	.015	1
S5	30.000	30.104	.104	.347	6.0366	.005	1

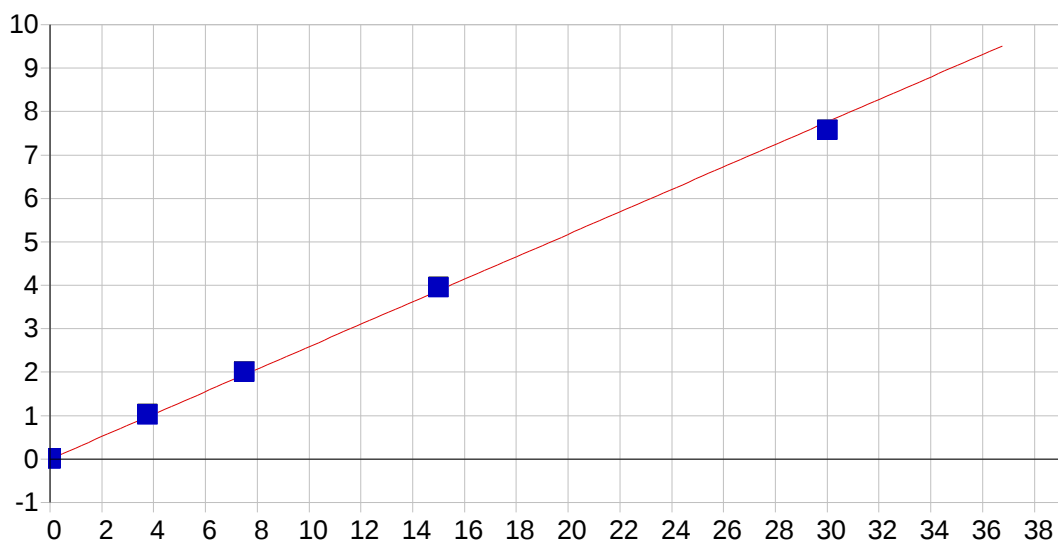


Fe 259.837 {130}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000154 Re-Slope: 1.000000
 A1 (Gain): 0.011411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999469 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.012832
 Predicted MQL: 0.042775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00015	.000	1
S1	.10000	.11208	.012	12.1	.00144	.000	1
S2	37.500	40.761	3.26	8.70	.46578	.003	1
S3	75.000	80.126	5.13	6.83	.91548	.005	1
S4	150.00	157.60	7.60	5.07	1.8006	.001	1
S5	300.00	302.19	2.19	.731	3.4525	.005	1
S6	800.00	781.79	-18.2	-2.28	8.9257	.085	1



Mn 257.610 {131}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000052

Re-Slope: 1.000000

A1 (Gain): 0.258709

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999613

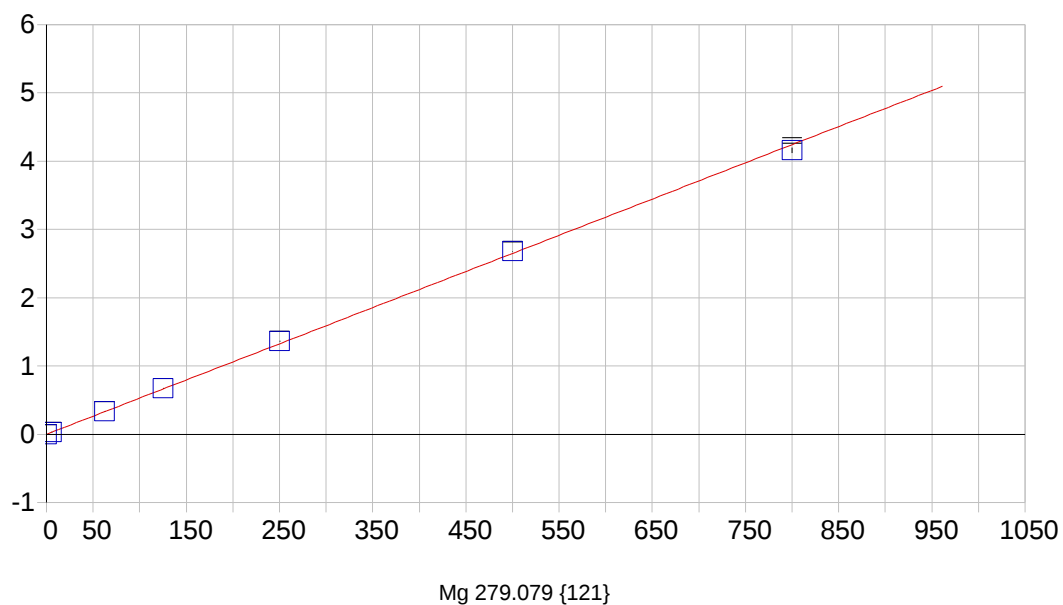
Status: OK.

Std Error of Est: 0.000256

Predicted MDL: 0.000641

Predicted MQL: 0.002138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01643	.001	9.54	.00420	.000	1
S2	3.7500	3.9495	.200	5.32	1.0219	.006	1
S3	7.5000	7.7744	.274	3.66	2.0117	.007	1
S4	15.000	15.263	.263	1.75	3.9495	.008	1
S5	30.000	29.262	-.738	-2.46	7.5719	.008	1



Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000116

Re-Slope: 1.000000

A1 (Gain): 0.005301

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999829

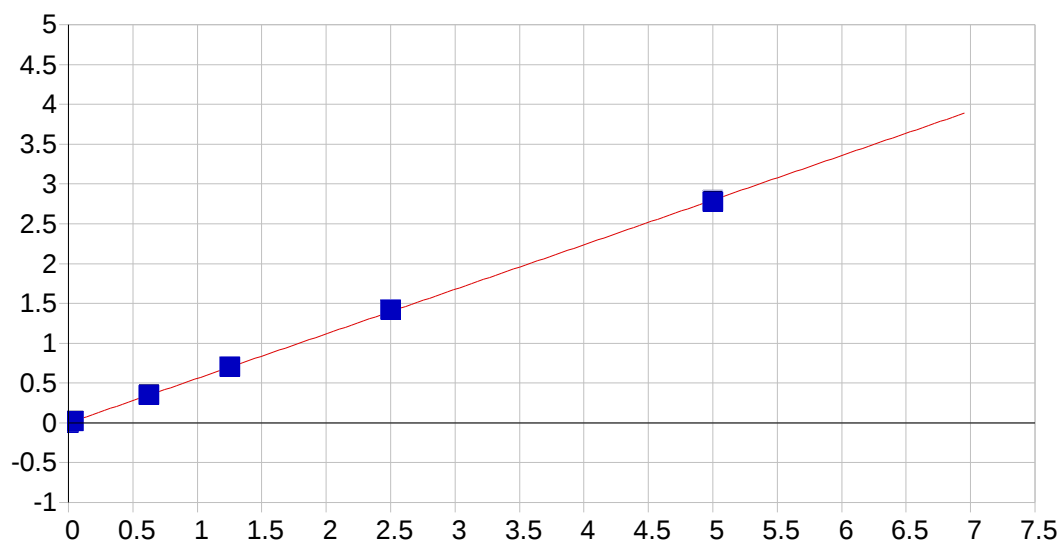
Status: OK.

Std Error of Est: 0.000343

Predicted MDL: 0.032146

Predicted MQL: 0.107155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	.000	.000	-.00012	.000	1
S1	5.0000	5.1101	.110	2.20	.02697	.000	1
S2	62.500	62.974	.474	.758	.33374	.002	1
S3	125.00	126.96	1.96	1.57	.67297	.001	1
S4	250.00	257.53	7.53	3.01	1.3652	.001	1
S5	500.00	504.99	4.99	.997	2.6771	.003	1
S6	800.00	784.93	-15.1	-1.88	4.1612	.040	1



Ni 231.604 {446}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001012

Re-Slope: 1.000000

A1 (Gain): 0.559537

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

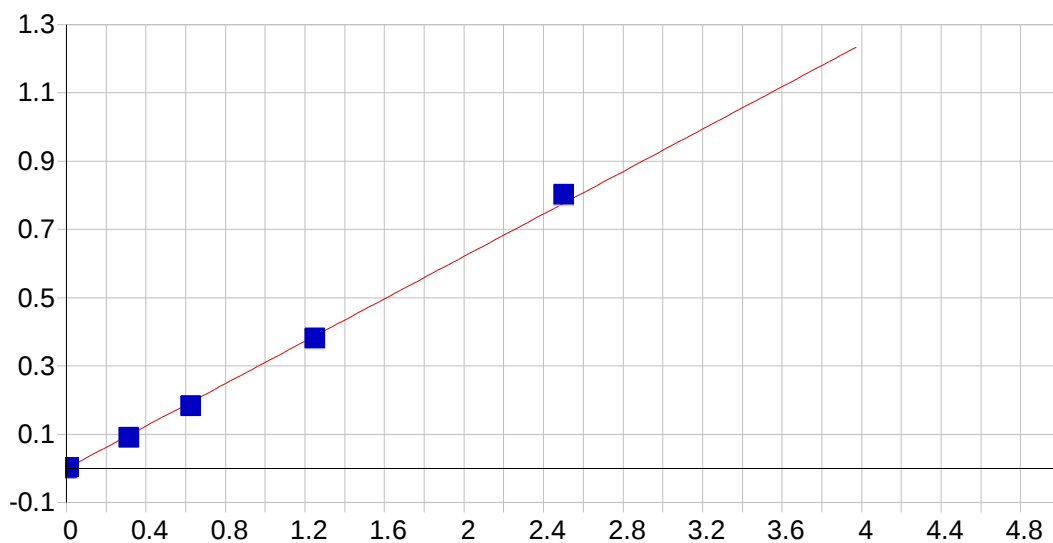
Status: OK.

Std Error of Est: 0.000136

Predicted MDL: 0.000382

Predicted MQL: 0.001274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00101	.000	1
S1	.04000	.03674	-.003	-8.15	.01958	.000	1
S2	.62500	.62257	-.002	-.388	.34918	.000	1
S3	1.2500	1.2569	.007	.550	.70594	.001	1
S4	2.5000	2.5331	.033	1.32	1.4237	.002	1
S5	5.0000	4.9657	-.034	-.686	2.7922	.003	1



Ag 328.068 {103}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000288

Re-Slope: 1.000000

A1 (Gain): 0.310696

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999286

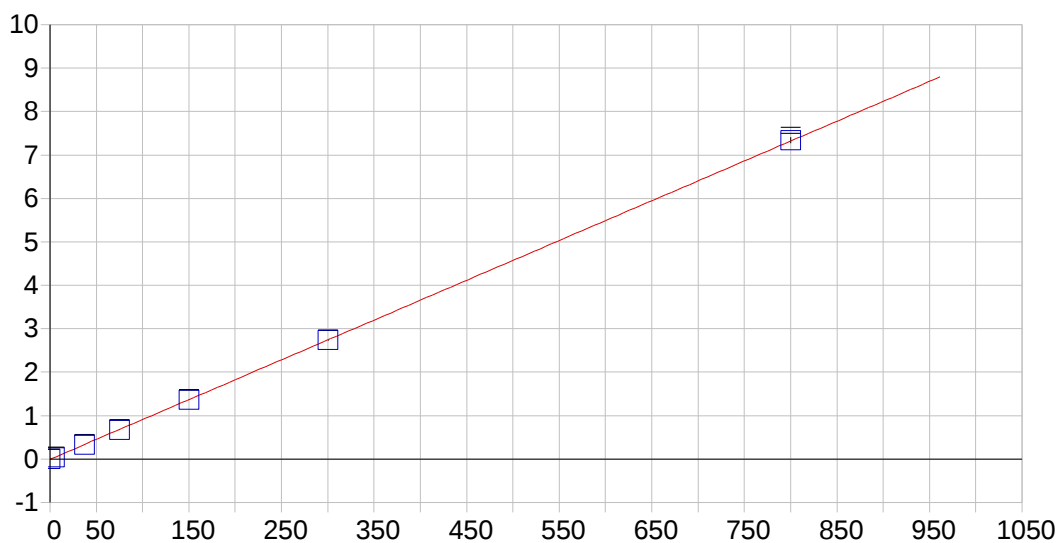
Status: OK.

Std Error of Est: 0.000098

Predicted MDL: 0.000267

Predicted MQL: 0.000890

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.01000	.00895	-.001	-10.5	.00248	.000	1
S2	.31250	.29208	-.020	-6.53	.08980	.001	1
S3	.62500	.58960	-.035	-5.66	.18157	.000	1
S4	1.2500	1.2251	-.025	-1.99	.37769	.001	1
S5	2.5000	2.5818	.082	3.27	.79656	.001	1



Na 818.326 { 41}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005312

Re-Slope: 1.000000

A1 (Gain): 0.009157

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999990

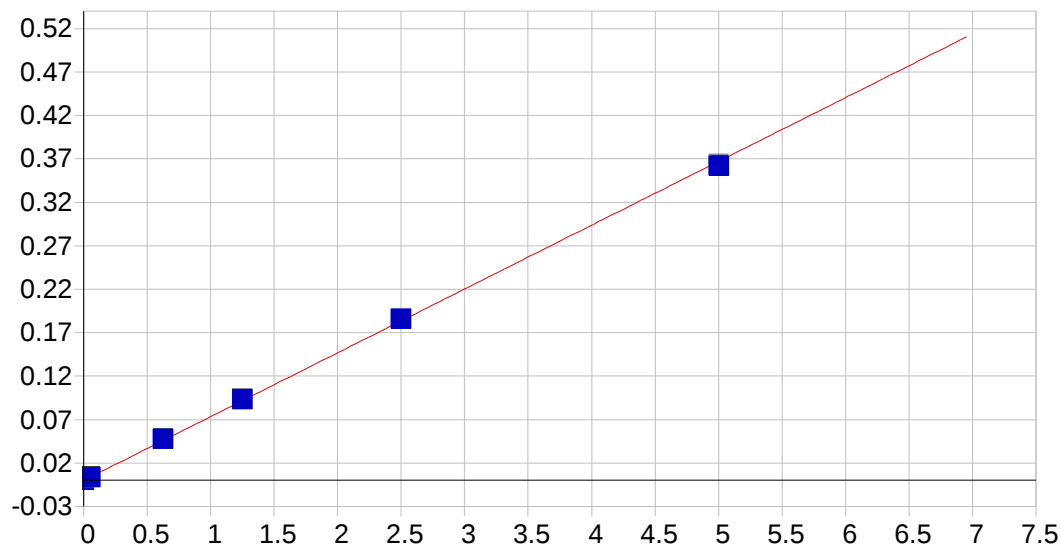
Status: OK.

Std Error of Est: 0.000125

Predicted MDL: 0.113937

Predicted MQL: 0.379790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00531	.001	1
S1	5.0000	5.0764	.076	1.53	.04117	.001	1
S2	37.500	36.872	-.628	-1.68	.33231	.004	1
S3	75.000	74.099	-.901	-1.20	.67319	.002	1
S4	150.00	149.96	-.042	-.028	1.3678	.003	1
S5	300.00	299.71	-.289	-.096	2.7390	.002	1
S6	800.00	801.79	1.79	.223	7.3364	.070	1



V 292.402 {115}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000014

Re-Slope: 1.000000

A1 (Gain): 0.073412

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999873

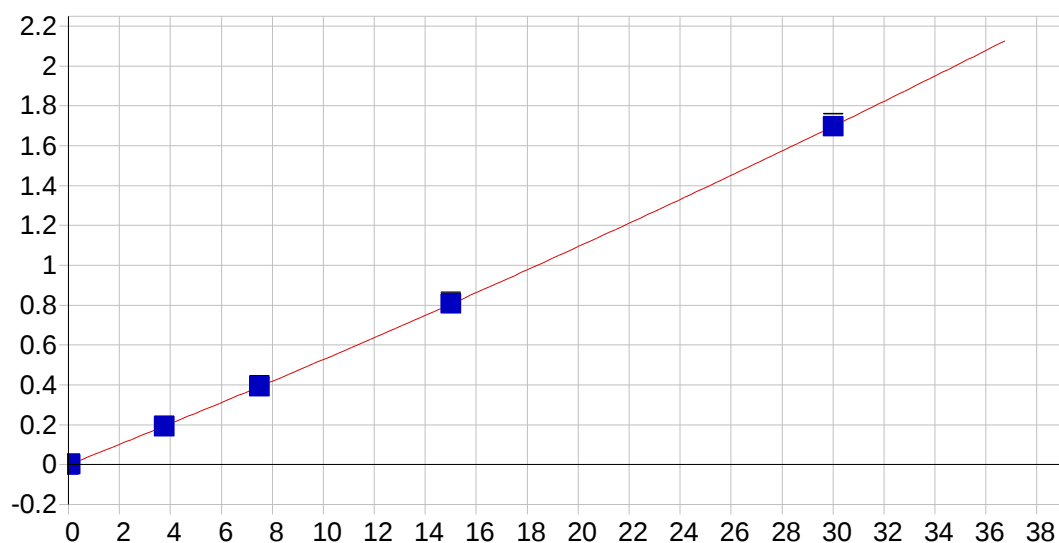
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.002929

Predicted MQL: 0.009763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.05000	.04982	.000	-.361	.00365	.000	1
S2	.62500	.64635	.021	3.42	.04763	.000	1
S3	1.2500	1.2697	.020	1.57	.09358	.000	1
S4	2.5000	2.5300	.030	1.20	.18648	.000	1
S5	5.0000	4.9291	-.071	-1.42	.36336	.001	1

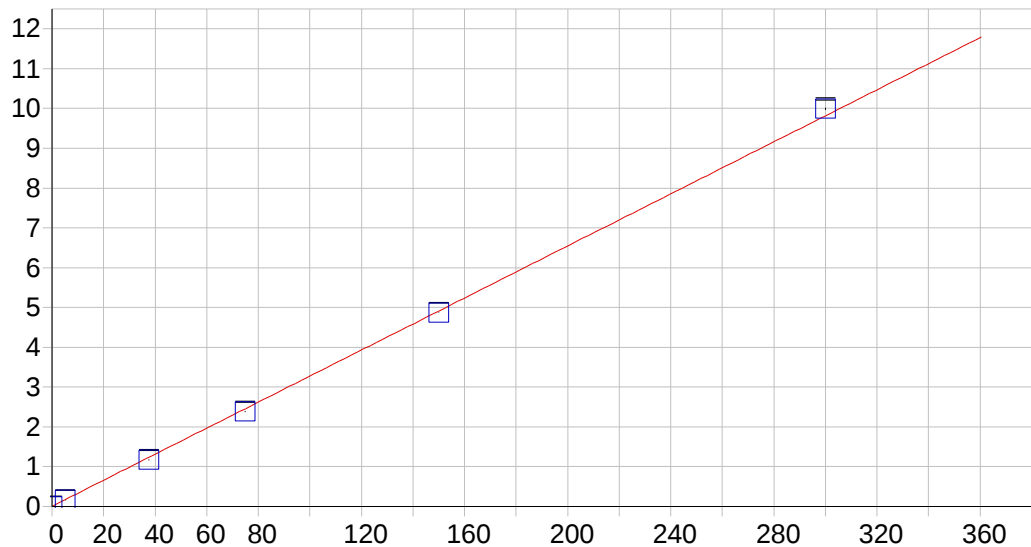


Zn 213.856 {158}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001045 Re-Slope: 1.000000
 A1 (Gain): 0.050947 Y-int: 0.000000
 A2 (Curvature): 0.000189
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: Warning Positive Curvature
 Std Error of Est: 0.000015
 Predicted MDL: 0.013173
 Predicted MQL: 0.043910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00105	.000	1
S1	.06000	.06482	.005	8.04	.00227	.001	1
S2	3.7500	3.7321	-.018	-.476	.19219	.001	1
S3	7.5000	7.4799	-.020	-.269	.39154	.005	1
S4	15.000	15.049	.049	.326	.81036	.006	1
S5	30.000	29.984	-.016	-.053	1.7004	.014	1

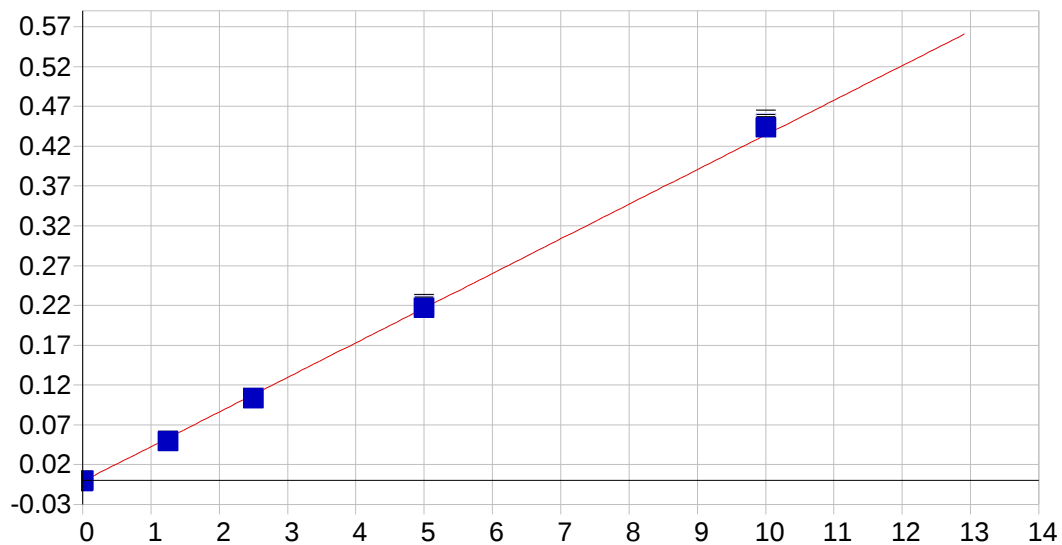


K 769.896 { 44}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005993 Re-Slope: 1.000000
 A1 (Gain): 0.032700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758 Status: OK.
 Std Error of Est: 0.001482
 Predicted MDL: 0.032117
 Predicted MQL: 0.107055

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	.00601	.001	1
S1	5.0000	4.8077	-.192	-3.85	.16321	.001	1
S2	37.500	35.722	-1.78	-4.74	1.1741	.011	1
S3	75.000	72.736	-2.26	-3.02	2.3844	.009	1
S4	150.00	148.69	-1.31	-.876	4.8680	.009	1
S5	300.00	305.55	5.55	1.85	9.9975	.028	1



P 177.495 {490}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000923

Re-Slope: 1.000000

A1 (Gain): 0.043502

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999496

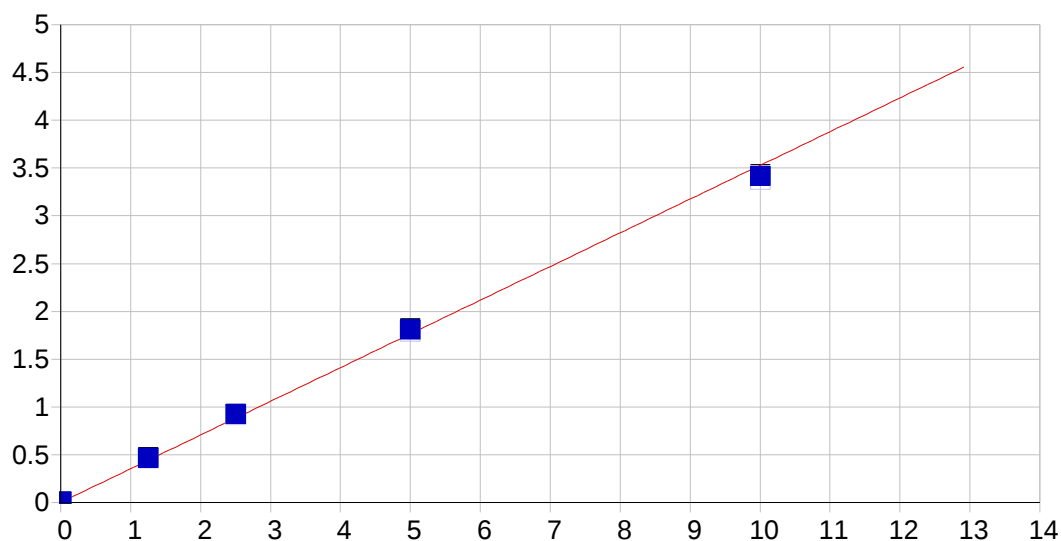
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.002649

Predicted MQL: 0.008830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00092	.000	1
S1	.01000	.01339	.003	33.9	-.00033	.000	1
S2	1.2500	1.1478	-.102	-8.18	.04971	.000	1
S3	2.5000	2.3828	-.117	-4.69	.10414	.000	1
S4	5.0000	5.0063	.006	.126	.21967	.002	1
S5	10.000	10.210	.210	2.10	.44884	.004	1

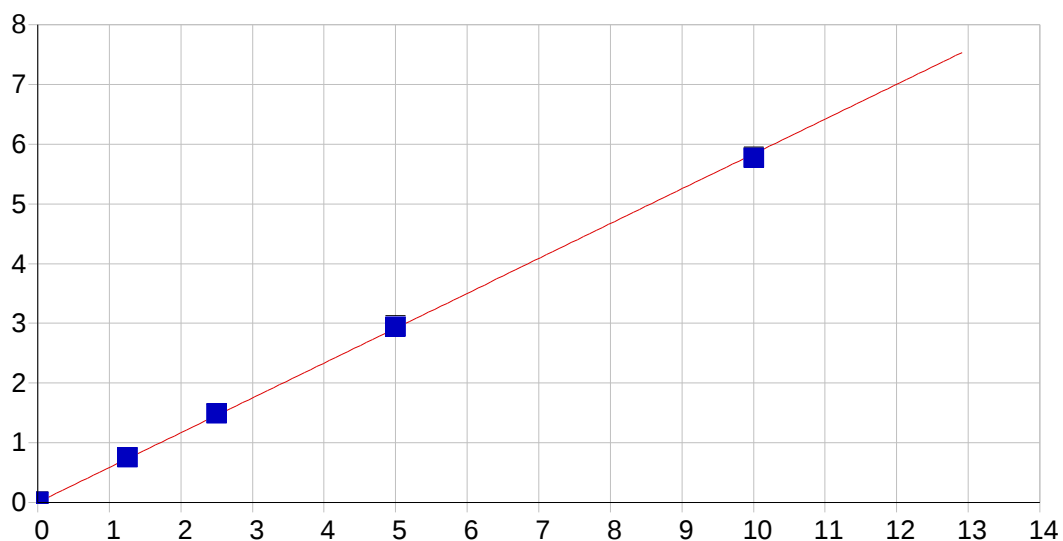


B 249.678 {135}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000798 Re-Slope: 1.000000
 A1 (Gain): 0.352701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.000844
 Predicted MQL: 0.002813

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00080	.000	1
S1	.01000	.01217	.002	21.7	.00510	.000	1
S2	1.2500	1.3221	.072	5.77	.46158	.003	1
S3	2.5000	2.6104	.110	4.41	.91043	.004	1
S4	5.0000	5.1277	.128	2.55	1.7873	.012	1
S5	10.000	9.6876	-.312	-3.12	3.3735	.017	1



Mo 202.030 {467}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000446

Re-Slope: 1.000000

A1 (Gain): 0.583543

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

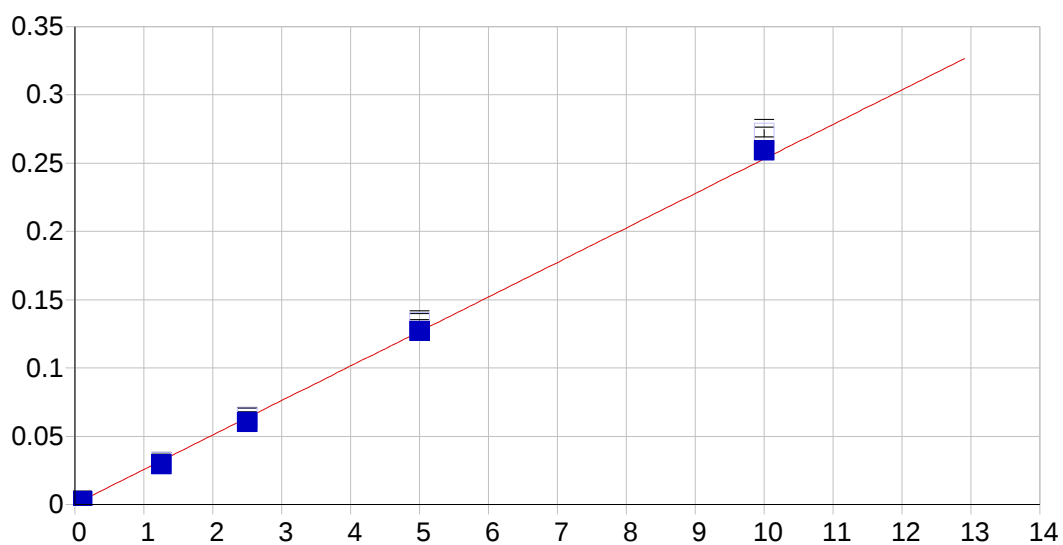
Status: OK.

Std Error of Est: 0.000133

Predicted MDL: 0.000368

Predicted MQL: 0.001228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.01000	.01092	.001	9.24	.00683	.000	1
S2	1.2500	1.2829	.033	2.63	.74973	.002	1
S3	2.5000	2.5428	.043	1.71	1.4856	.003	1
S4	5.0000	5.0430	.043	.860	2.9459	.011	1
S5	10.000	9.8804	-.120	-1.20	5.7714	.015	1



S 182.034 {485}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000327

Re-Slope: 1.000000

A1 (Gain): 0.025280

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999411

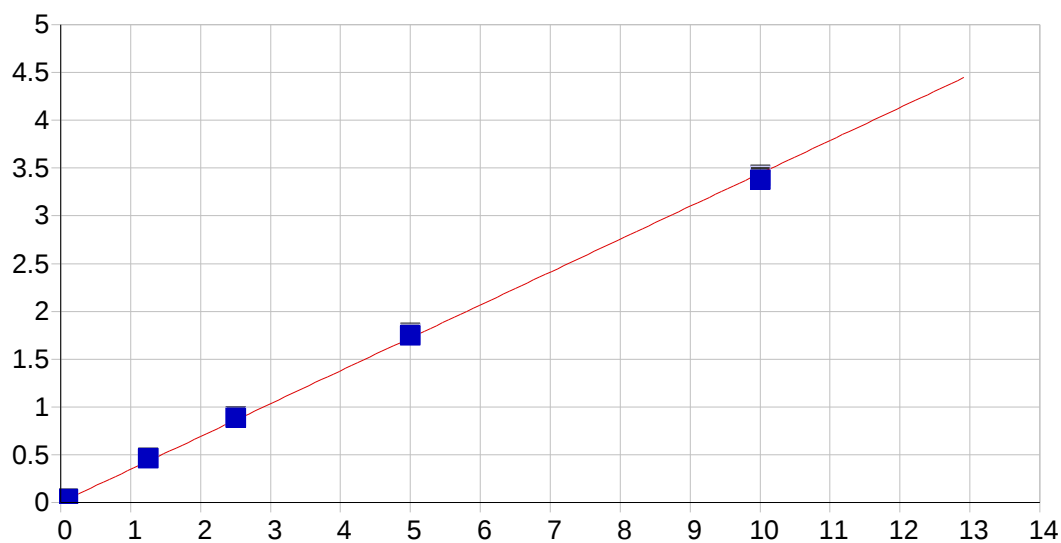
Status: OK.

Std Error of Est: 0.000048

Predicted MDL: 0.004282

Predicted MQL: 0.014272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00033	.000	1
S1	.10000	.08719	-.013	-12.8	.00254	.000	1
S2	1.2500	1.1401	-.110	-8.79	.03075	.000	1
S3	2.5000	2.3659	-.134	-5.36	.06335	.000	1
S4	5.0000	5.0117	.012	.234	.13345	.001	1
S5	10.000	10.245	.245	2.45	.27217	.003	1



Si 251.611 {134}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002010

Re-Slope: 1.000000

A1 (Gain): 0.344161

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999699

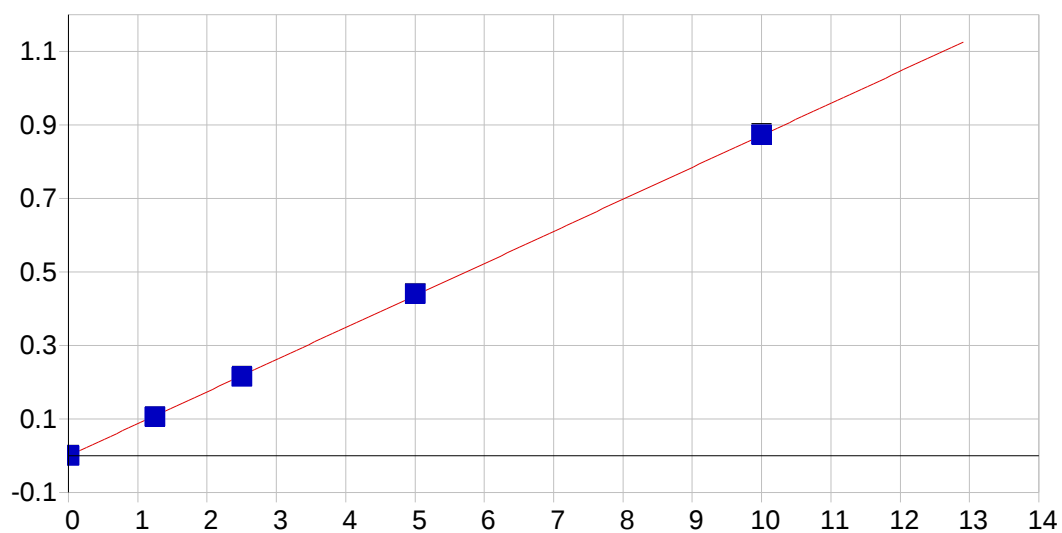
Status: OK.

Std Error of Est: 0.000454

Predicted MDL: 0.000887

Predicted MQL: 0.002956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00201	.000	1
S1	.10000	.10017	.000	.167	.03661	.000	1
S2	1.2500	1.3267	.077	6.14	.46367	.001	1
S3	2.5000	2.5698	.070	2.79	.89656	.003	1
S4	5.0000	5.0596	.060	1.19	1.7636	.012	1
S5	10.000	9.7938	-.206	-2.06	3.4132	.013	1

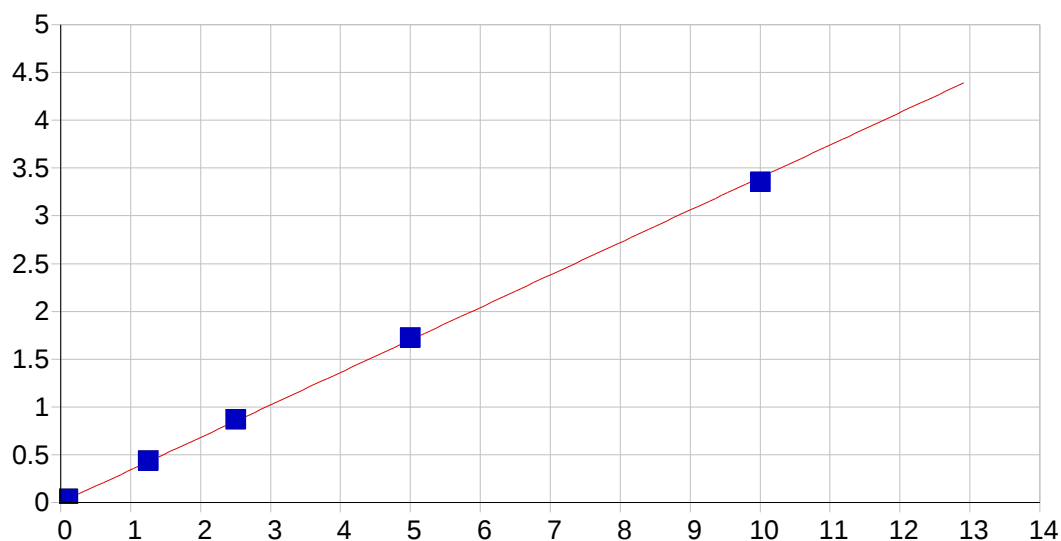


Sn 189.989 {478}

Date of Fit: 7/21/2017 11:04:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.087182 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.001346
 Predicted MQL: 0.004485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.00700	.00819	.001	17.1	.00066	.000	1
S2	1.2500	1.2092	-.041	-3.27	.10528	.000	1
S3	2.5000	2.4678	-.032	-1.29	.21493	.001	1
S4	5.0000	5.0541	.054	1.08	.44024	.002	1
S5	10.000	10.018	.018	.177	.87263	.003	1



Ti 336.121 {100}

Date of Fit: 7/21/2017 11:04:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000721

Re-Slope: 1.000000

A1 (Gain): 0.339994

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999872

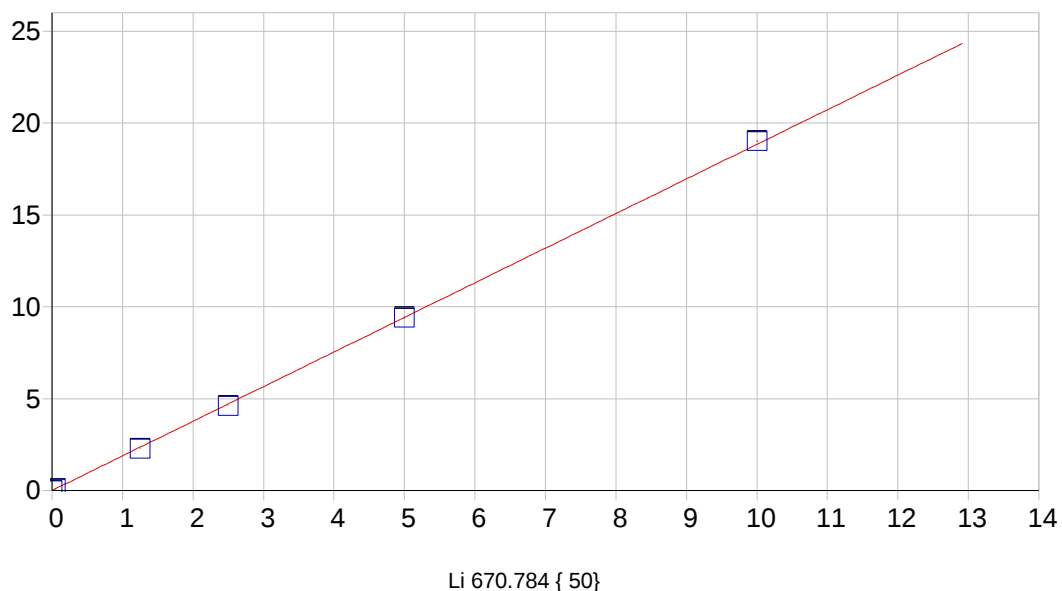
Status: OK.

Std Error of Est: 0.000290

Predicted MDL: 0.000953

Predicted MQL: 0.003177

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00072	.000	1
S1	.10000	.10353	.004	3.53	.03591	.000	1
S2	1.2500	1.2844	.034	2.75	.43728	.001	1
S3	2.5000	2.5466	.047	1.86	.86626	.002	1
S4	5.0000	5.0617	.062	1.23	1.7211	.005	1
S5	10.000	9.8538	-.146	-1.46	3.3498	.004	1



Date of Fit:		7/21/2017 11:04:13		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.002282		Re-Slope:		1.000000					
A1 (Gain):		1.883291		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999909		Status:		OK.					
Std Error of Est:		0.000951									
Predicted MDL:		0.000548									
Predicted MQL:		0.001827									
Std. Name		Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR		Std Dev		Emphasis	
S0		.00000	.00000	.000	.000	.00229		.000		1	
S5		10.000	10.097	.097	.974	19.019		.026		1	
S4		5.0000	4.9966	-.003	-.069	9.4123		.045		1	
S3		2.5000	2.4469	-.053	-2.12	4.6105		.012		1	
S2		1.2500	1.2093	-.041	-3.26	2.2797		.012		1	
S1		.05000	.04985	.000	-.294	.09617		.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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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

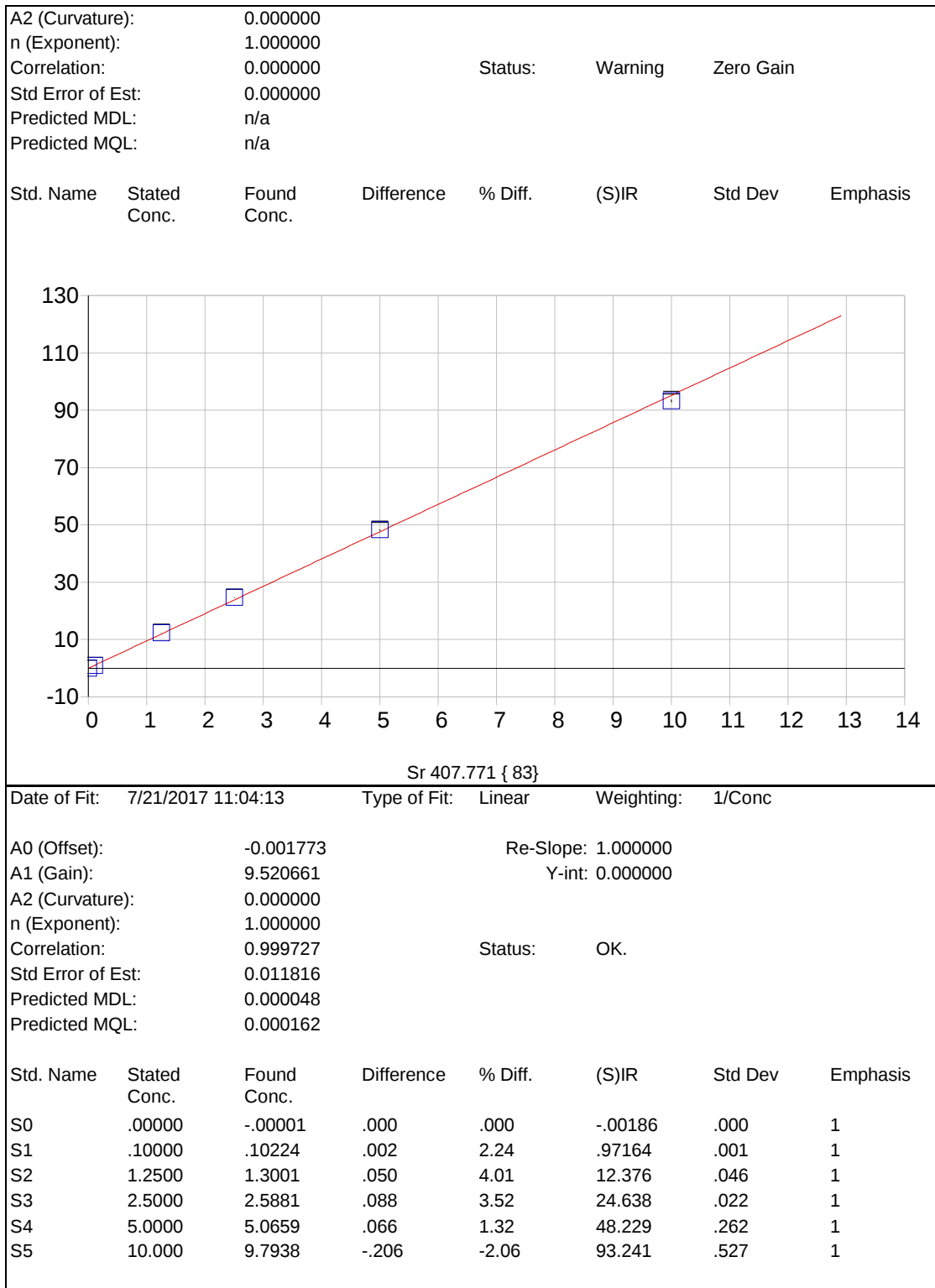
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 7/21/2017 10:20:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	-.00058	-.00047	-.00014	.00054	.00000	.00028	-.04146	-.00164
Stddev	.00014	.00007	.00009	.00010	.00018	.00038	.00094	.00035
%RSD	23.110	14.724	64.792	17.885	19151.	131.99	2.2628	21.082

#1	-.00055	-.00039	-.00005	.00058	.00020	-.00015	-.04047	-.00173
#2	-.00047	-.00052	-.00013	.00060	-.00015	.00047	-.04234	-.00193
#3	-.00073	-.00049	-.00023	.00043	-.00005	.00053	-.04158	-.00126

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	.00015	.00077	.00007	-.00036	.00045	.00015	-.00005	-.00012
Stddev	.00006	.00028	.00004	.00008	.00015	.00004	.00011	.00003
%RSD	43.668	36.644	54.532	21.944	34.333	27.670	205.29	29.457

#1	.00007	.00050	.00011	-.00045	.00058	.00018	.00006	-.00008
#2	.00018	.00106	.00003	-.00030	.00028	.00017	-.00006	-.00015
#3	.00019	.00073	.00008	-.00032	.00049	.00011	-.00016	-.00012

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	-.00101	-.00029	-.00531	-.00001	-.00105	.00601	-.00092	.00080
Stddev	.00015	.00005	.00053	.00012	.00049	.00100	.00002	.00026
%RSD	14.686	16.657	9.9616	842.81	46.683	16.645	2.4773	32.197

#1	-.00118	-.00024	-.00569	-.00007	-.00152	.00694	-.00091	.00052
#2	-.00092	-.00029	-.00471	.00013	-.00054	.00614	-.00091	.00084
#3	-.00093	-.00033	-.00554	-.00010	-.00107	.00495	-.00095	.00103

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	.00044	.00033	.00201	-.00005	.00072	.00229	-.00186	
Stddev	.00012	.00008	.00018	.00003	.00019	.00036	.00021	
%RSD	27.930	24.594	8.7399	71.714	26.275	15.729	11.508	

#1	.00048	.00039	.00183	-.00003	.00054	.00268	-.00181	
#2	.00031	.00036	.00218	-.00002	.00071	.00222	-.00209	
#3	.00055	.00024	.00201	-.00009	.00091	.00197	-.00167	

Sample Name: S0 Acquired: 7/21/2017 10:20:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	1162.5	1977.3	48033.	6931.4	3158.3
Stddev	7.5	9.8	91.	20.8	11.3
%RSD	.64762	.49766	.18873	.29952	.35774
#1	1159.4	1968.0	47957.	6911.2	3148.1
#2	1171.1	1976.4	48133.	6952.7	3156.2
#3	1157.1	1987.6	48009.	6930.4	3170.4

Sample Name: S1 Acquired: 7/21/2017 10:24:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.00009	.00135	.00163	.00261	.01213	.01601	.96868	.01650
Stddev	.00015	.00008	.00005	.00012	.00013	.00038	.00335	.00007
%RSD	170.38	5.5709	2.7727	4.5429	1.0681	2.3739	.34626	.40214

#1	.00018	.00144	.00158	.00275	.01203	.01564	.96516	.01643
#2	-.00008	.00129	.00164	.00257	.01228	.01599	.97184	.01656
#3	.00016	.00134	.00167	.00253	.01208	.01640	.96904	.01650

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	.00663	.21031	.00116	.03355	.00585	.00144	.00420	.02697
Stddev	.00004	.00076	.00002	.00017	.00022	.00012	.00012	.00029
%RSD	.56790	.35934	1.5029	.51184	3.8068	8.4451	2.9401	1.0650

#1	.00659	.21113	.00115	.03336	.00596	.00137	.00418	.02730
#2	.00666	.20965	.00116	.03371	.00599	.00158	.00409	.02674
#3	.00663	.21015	.00118	.03357	.00559	.00137	.00434	.02689

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	.01958	.00248	.04117	.00365	.00227	.16321	-.00033	.00510
Stddev	.00022	.00003	.00105	.00014	.00060	.00084	.00008	.00031
%RSD	1.1361	1.2026	2.5540	3.9488	26.604	.51247	23.959	5.9875

#1	.01963	.00252	.04001	.00361	.00208	.16244	-.00028	.00496
#2	.01933	.00248	.04146	.00353	.00295	.16308	-.00029	.00545
#3	.01976	.00246	.04205	.00381	.00178	.16410	-.00042	.00489

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	.00683	.00254	.03661	.00066	.03591	.09617	.97164	
Stddev	.00026	.00005	.00038	.00009	.00019	.00061	.00059	
%RSD	3.7780	2.0085	1.0334	13.518	.53903	.63233	.06108	

#1	.00702	.00250	.03646	.00076	.03600	.09625	.97097	
#2	.00654	.00251	.03633	.00059	.03569	.09552	.97210	
#3	.00694	.00260	.03704	.00062	.03605	.09673	.97186	

Sample Name: S1 Acquired: 7/21/2017 10:24:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	1155.2	1981.0	47548.	6922.7	3181.4
Stddev	4.1	10.3	197.	26.5	3.5
%RSD	.35289	.51748	.41415	.38318	.10973
#1	1151.3	1972.3	47384.	6912.7	3177.6
#2	1154.7	1978.4	47493.	6952.7	3182.3
#3	1159.4	1992.3	47766.	6902.6	3184.4

Sample Name: S2 Acquired: 7/21/2017 10:28:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.06059	.09154	1.0234	.07354	.24455	2.8788	13.733	.45495
Stddev	.00018	.00015	.0006	.00016	.00015	.0189	.089	.00328
%RSD	.29655	.16886	.05862	.22145	.06162	.65615	.64496	.72181

#1	.06065	.09165	1.0232	.07370	.24438	2.8789	13.732	.45192
#2	.06073	.09161	1.0240	.07355	.24468	2.8976	13.823	.45844
#3	.06039	.09136	1.0228	.07338	.24458	2.8599	13.646	.45450

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	.74724	2.5743	.38470	.46901	.74408	.46578	1.0219	.33374
Stddev	.00216	.0164	.00091	.00035	.00341	.00306	.0058	.00218
%RSD	.28854	.63617	.23721	.07436	.45841	.65795	.57190	.65294

#1	.74475	2.5641	.38479	.46862	.74599	.46421	1.0193	.33264
#2	.74837	2.5932	.38557	.46927	.74610	.46931	1.0286	.33625
#3	.74859	2.5656	.38375	.46915	.74014	.46382	1.0179	.33232

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	.34918	.08980	.33231	.04763	.19219	1.1741	.04971	.46158
Stddev	.00048	.00051	.00356	.00003	.00077	.0106	.00033	.00260
%RSD	.13784	.56743	1.0721	.06866	.39868	.90242	.66654	.56247

#1	.34925	.08996	.33239	.04760	.19215	1.1734	.04958	.46027
#2	.34867	.09021	.33583	.04766	.19298	1.1850	.05009	.46457
#3	.34962	.08923	.32871	.04762	.19145	1.1639	.04946	.45991

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	.74973	.03075	.46367	.10528	.43728	2.2797	12.376	
Stddev	.00242	.00010	.00052	.00022	.00072	.0117	.046	
%RSD	.32233	.31778	.11264	.21025	.16487	.51407	.36900	

#1	.75221	.03074	.46401	.10515	.43651	2.2881	12.402	
#2	.74960	.03067	.46394	.10517	.43738	2.2848	12.402	
#3	.74739	.03086	.46307	.10554	.43794	2.2663	12.323	

Sample Name: S2 Acquired: 7/21/2017 10:28:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	1075.1	1880.1	44709.	6686.6	2893.4
Stddev	9.5	9.2	249.	34.3	8.3
%RSD	.88804	.48736	.55673	.51303	.28699
#1	1065.2	1870.8	44434.	6665.3	2885.0
#2	1084.2	1880.5	44775.	6668.3	2893.7
#3	1076.0	1889.1	44918.	6726.2	2901.6

Sample Name: S3 Acquired: 7/21/2017 10:32:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.12103	.18263	2.0690	.14543	.48885	5.8476	27.691	.90486
Stddev	.00091	.00069	.0018	.00096	.00252	.0196	.094	.00365
%RSD	.75353	.38027	.08509	.65717	.51474	.33425	.33990	.40309

#1	.12159	.18248	2.0706	.14527	.49090	5.8260	27.583	.90803
#2	.11998	.18202	2.0693	.14457	.48604	5.8529	27.733	.90087
#3	.12152	.18338	2.0671	.14646	.48961	5.8640	27.757	.90566

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	1.4956	5.1467	.74727	.95334	1.4927	.91548	2.0117	.67297
Stddev	.0066	.0326	.00188	.00086	.0061	.00468	.0075	.00148
%RSD	.44122	.63415	.25177	.09073	.40994	.51149	.37015	.22044

#1	1.4913	5.1093	.74938	.95298	1.4973	.91064	2.0031	.67126
#2	1.5032	5.1688	.74577	.95433	1.4858	.91999	2.0164	.67392
#3	1.4922	5.1621	.74667	.95272	1.4952	.91581	2.0155	.67374

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	.70594	.18157	.67319	.09358	.39154	2.3844	.10414	.91043
Stddev	.00077	.00033	.00153	.00045	.00494	.0085	.00027	.00359
%RSD	.10848	.17940	.22765	.48007	1.2615	.35713	.26204	.39458

#1	.70676	.18195	.67143	.09330	.39080	2.3758	.10394	.91386
#2	.70580	.18135	.67393	.09409	.39680	2.3848	.10403	.90669
#3	.70525	.18143	.67421	.09333	.38701	2.3928	.10445	.91074

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	1.4856	.06335	.89656	.21493	.86626	4.6105	24.638	
Stddev	.0027	.00034	.00346	.00074	.00230	.0121	.022	
%RSD	.17999	.54276	.38574	.34329	.26510	.26301	.08783	

#1	1.4874	.06324	.89736	.21428	.86800	4.6088	24.650	
#2	1.4825	.06374	.89278	.21476	.86365	4.5994	24.613	
#3	1.4869	.06308	.89955	.21573	.86711	4.6234	24.651	

Sample Name: S3 Acquired: 7/21/2017 10:32:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	1048.1	1834.9	44063.	6664.8	2744.9
Stddev	6.4	10.6	67.	1.7	7.1
%RSD	.61370	.57673	.15221	.02616	.25883
#1	1049.2	1825.5	44046.	6663.9	2737.4
#2	1041.2	1846.4	44006.	6663.8	2751.6
#3	1053.9	1832.6	44137.	6666.9	2745.8

Sample Name: S4 Acquired: 7/21/2017 10:36:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.24717	.35833	4.1845	.28771	.99181	12.026	54.761	1.8179
Stddev	.00069	.00142	.0088	.00162	.00474	.005	.197	.0085
%RSD	.27818	.39753	.21030	.56256	.47806	.04272	.35940	.46514

#1	.24645	.35669	4.1748	.28599	.98737	12.032	54.821	1.8269
#2	.24724	.35919	4.1919	.28794	.99126	12.022	54.541	1.8101
#3	.24782	.35911	4.1869	.28920	.99681	12.023	54.920	1.8167

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9949	10.313	1.4540	1.9374	3.0065	1.8006	3.9495	1.3652
Stddev	.0015	.006	.0026	.0040	.0154	.0009	.0081	.0013
%RSD	.05125	.05646	.18056	.20827	.51187	.05066	.20643	.09731

#1	2.9941	10.315	1.4548	1.9338	3.0243	1.7996	3.9574	1.3667
#2	2.9966	10.307	1.4510	1.9417	2.9973	1.8007	3.9411	1.3641
#3	2.9939	10.317	1.4560	1.9366	2.9981	1.8014	3.9499	1.3648

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	1.4237	.37769	1.3678	.18648	.81036	4.8680	.21967	1.7873
Stddev	.0019	.00122	.0027	.00023	.00588	.0086	.00192	.0122
%RSD	.13083	.32273	.19606	.12267	.72601	.17648	.87196	.68079

#1	1.4216	.37821	1.3708	.18622	.80944	4.8754	.21752	1.8002
#2	1.4249	.37630	1.3658	.18666	.81665	4.8586	.22120	1.7761
#3	1.4246	.37857	1.3668	.18655	.80499	4.8700	.22029	1.7855

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9459	.13345	1.7636	.44024	1.7211	9.4123	48.229	
Stddev	.0107	.00102	.0115	.00173	.0051	.0452	.262	
%RSD	.36481	.76786	.65326	.39342	.29780	.48034	.54322	

#1	2.9362	.13227	1.7765	.43831	1.7270	9.4637	48.476	
#2	2.9440	.13409	1.7544	.44075	1.7182	9.3945	48.257	
#3	2.9575	.13400	1.7598	.44166	1.7181	9.3787	47.954	

Sample Name: S4 Acquired: 7/21/2017 10:36:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	991.70	1736.0	42423.	6518.4	2509.8
Stddev	8.54	5.8	34.	22.7	6.1
%RSD	.86068	.33456	.07983	.34892	.24169
#1	993.20	1741.7	42401.	6492.1	2516.7
#2	982.51	1736.2	42405.	6531.0	2505.2
#3	999.38	1730.1	42462.	6532.0	2507.6

Sample Name: S5 Acquired: 7/21/2017 10:40:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.50050	.67111	8.2709	.56288	2.0350	24.507	107.60	3.5997
Stddev	.00262	.00490	.0079	.00305	.0053	.012	.88	.0179
%RSD	.52379	.73042	.09543	.54241	.25833	.04882	.81354	.49596

#1	.50345	.67561	8.2800	.56634	2.0405	24.509	106.93	3.6183
#2	.49963	.66589	8.2665	.56060	2.0346	24.518	107.27	3.5982
#3	.49843	.67185	8.2662	.56168	2.0300	24.494	108.59	3.5827

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8278	20.377	2.7253	3.8461	6.0366	3.4525	7.5719	2.6771
Stddev	.0082	.018	.0081	.0017	.0048	.0052	.0083	.0028
%RSD	.14036	.08802	.29688	.04418	.07947	.15136	.10912	.10386

#1	5.8371	20.369	2.7217	3.8464	6.0313	3.4575	7.5663	2.6782
#2	5.8215	20.364	2.7345	3.8443	6.0381	3.4471	7.5680	2.6739
#3	5.8249	20.397	2.7196	3.8476	6.0405	3.4530	7.5814	2.6791

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	2.7922	.79656	2.7390	.36336	1.7004	9.9975	.44884	3.3735
Stddev	.0035	.00073	.0024	.00067	.0137	.0284	.00390	.0167
%RSD	.12514	.09193	.08593	.18382	.80812	.28371	.86903	.49538

#1	2.7945	.79593	2.7413	.36312	1.7082	10.023	.45199	3.3926
#2	2.7940	.79638	2.7392	.36412	1.6846	10.003	.44448	3.3616
#3	2.7882	.79736	2.7366	.36285	1.7086	9.9668	.45006	3.3662

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.7714	.27217	3.4132	.87263	3.3498	19.019	93.241	
Stddev	.0150	.00282	.0131	.00297	.0035	.026	.527	
%RSD	.26025	1.0347	.38383	.34066	.10549	.13416	.56493	

#1	5.7887	.27494	3.4283	.87599	3.3478	19.008	93.709	
#2	5.7631	.26931	3.4052	.87158	3.3477	19.048	93.345	
#3	5.7623	.27226	3.4060	.87033	3.3539	19.000	92.670	

Sample Name: S5 Acquired: 7/21/2017 10:40:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	894.74	1595.6	40222.	6377.6	2239.5
Stddev	4.72	3.0	61.	21.9	2.3
%RSD	.52754	.18957	.15135	.34347	.10382
#1	893.63	1592.1	40284.	6352.5	2237.3
#2	899.91	1597.2	40220.	6387.0	2242.0
#3	890.67	1597.4	40162.	6393.2	2239.2

Sample Name: S6 Acquired: 7/21/2017 10:44:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	63.462	32.580	8.9257	4.1612	7.3364
Stddev	.557	.323	.0852	.0397	.0701
%RSD	.87834	.99281	.95465	.95445	.95562

#1	63.332	32.587	8.9190	4.1646	7.3490
#2	64.073	32.900	9.0140	4.1991	7.3993
#3	62.981	32.253	8.8440	4.1199	7.2608

Int. Std.	Y_3710
Units	Cts/S
Avg	6070.8
Stddev	57.1
%RSD	.94104

#1	6068.2
#2	6015.0
#3	6129.2

Sample Name: ICV Acquired: 7/21/2017 10:50:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.9708314	1.039076	.9487105	1.000374	.9566599	2.545916
Stddev	.0043414	.000205	.0039185	.002749	.0031020	.005414
%RSD	.4471815	.0197049	.4130352	.2747991	.3242562	.2126351

#1	.9709780	1.038936	.9515522	.998303	.9577119	2.551378
#2	.9664186	1.039311	.9503390	1.003493	.9590990	2.545815
#3	.9750976	1.038981	.9442404	.999326	.9531686	2.540553

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4470975	F .4137201	.4787637	9.679338	.5226906	F .4154097
Stddev	.0005799	.0009450	.0012437	.031626	.0018779	.0007306
%RSD	.1297114	.2284177	.2597691	.3267423	.3592745	.1758838

#1	.4476573	.4147158	.4773408	9.703615	.5207466	.4160460
#2	.4471357	.4136088	.4793067	9.643573	.5244946	.4146118
#3	.4464994	.4128356	.4796435	9.690825	.5228307	.4155714

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4852656	F 5.894737	.5280901	5.732512	F .4225505	F .4106355
Stddev	.0027269	.031436	.0017272	.043421	.0002237	.0013683
%RSD	.5619476	.5332968	.3270661	.7574451	.0529440	.3332138

#1	.4830622	5.917699	.5297521	5.771523	.4224277	.4119071
#2	.4883154	5.858908	.5263043	5.740281	.4224152	.4091876
#3	.4844194	5.907603	.5282139	5.685731	.4228088	.4108118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.424091	F .4175756	.9774053	9.047726	F .0030465	F 2.076739
Stddev	.017394	.0061478	.0157646	.015541	.0005880	.004547
%RSD	.1845734	1.472254	1.612899	.1717627	19.30188	.2189526

#1	9.438548	.4129525	.9943701	9.058035	.0036762	2.071849
#2	9.428939	.4152217	.9632073	9.055292	.0029517	2.077528
#3	9.404787	.4245525	.9746384	9.029851	.0025117	2.080839

Sample Name: ICV Acquired: 7/21/2017 10:50:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.956673	.0050749	1.813240	F 1.725059	1.933311	.0041227
Stddev	.008656	.0025088	.007360	.004175	.002857	.0003074
%RSD	.4424014	49.43484	.4059069	.2420418	.1477944	7.457136

#1	1.958433	.0022030	1.819568	1.720400	1.936472	.0041075
#2	1.964315	.0068396	1.814988	1.726314	1.932551	.0038232
#3	1.947272	.0061822	1.805162	1.728463	1.930911	.0044375

Elem	Sr4077
Units	ppm
Avg	.0122643
Stddev	.0000502
%RSD	.4092666

#1	.0122976
#2	.0122066
#3	.0122888

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.114	1933.706	46907.95	6943.844	3105.337
Stddev	7.296	14.891	112.65	13.434	13.030
%RSD	.6531242	.7700583	.2401530	.1934664	.4196109

#1	1109.499	1924.037	46778.94	6932.700	3094.544
#2	1117.801	1926.227	46958.02	6940.071	3101.656
#3	1124.042	1950.853	46986.88	6958.761	3119.812

Sample Name: ICB Acquired: 7/21/2017 10:55:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0018443	.0010969	.0005309	-.003287	-.001870	.0034183	.0002434
Stddev	.0014583	.0001064	.0020358	.001957	.001346	.0018316	.0002771
%RSD	79.07125	9.699855	383.4676	59.53030	71.96225	53.58210	113.8392

#1	.0005445	.0012194	.0005511	-.004775	-.003425	.0050177	-.000057
#2	.0034212	.0010446	-.001515	-.004015	-.001090	.0038171	.000489
#3	.0015671	.0010268	.002557	-.001070	-.001097	.0014202	.000298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000162	-.000196	.0082481	-.000075	-.000060	.0012219	.0000908
Stddev	.0000686	.000112	.0089558	.000061	.000138	.0003896	.0084117
%RSD	422.5734	57.19767	108.5800	80.20860	228.7041	31.88864	9263.441

#1	.0000803	-.000301	.0185835	-.000025	.000097	.0014059	.0001286
#2	-.000056	-.000078	.0033812	-.000058	-.000160	.0014854	-.008340
#3	.000025	-.000208	.0027796	-.000143	-.000117	.0007743	.008484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001727	-.019318	.0000795	-.000069	.0176355	-.001180	.0157092
Stddev	.0003104	.018072	.0004449	.000041	.1171094	.003203	.0086538
%RSD	179.7800	93.55017	559.4828	59.34076	664.0553	271.4892	55.08797

#1	.0005311	-.001683	-.000038	-.000036	.0676935	-.004575	.0059764
#2	-.000006	-.018473	.000571	-.000057	.1013965	-.000754	.0186149
#3	-.000007	-.037798	-.000295	-.000115	-.116184	.001789	.0225362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080868	-.001953	.0065887	.0001044	-.000232	-.000204	-.000082
Stddev	.0326547	.001699	.0001655	.0001920	.002032	.000830	.001273
%RSD	403.8026	87.00509	2.512257	183.9675	877.6339	406.1375	1545.279

#1	-.025208	-.000556	.0066345	.0000919	.001747	.000393	.001162
#2	.040062	-.003844	.0067264	.0003024	-.000127	-.001152	-.000027
#3	.009406	-.001458	.0064050	-.000081	-.002314	.000146	-.001382

Sample Name: ICB Acquired: 7/21/2017 10:55:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	-.000887	.0009210	-.000057
Stddev	.000562	.0002391	.000023
%RSD	63.31605	25.95692	39.89708

#1	-.001525	.0011429	-.000042
#2	-.000669	.0009525	-.000084
#3	-.000467	.0006678	-.000047

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.539	1959.794	47836.88	7026.317	3152.860
Stddev	8.302	9.623	241.88	10.095	9.462
%RSD	.7323964	.4910249	.5056369	.1436774	.3001133

#1	1130.371	1949.867	47560.19	7022.449	3141.946
#2	1127.287	1960.435	47942.24	7037.774	3157.876
#3	1142.958	1969.081	48008.21	7018.728	3158.758

Sample Name: ICSA Acquired: 7/21/2017 11:15:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0021233	-.011770	-.000211	-.017087	-.000507	240.1477
Stddev	.0029006	.000261	.001319	.002521	.001681	.6446
%RSD	136.6117	2.215997	625.4024	14.75113	331.3396	.2684370

#1	.0052465	-.011854	.001106	-.019983	-.001064	240.8660
#2	.0016095	-.011478	-.001532	-.015889	-.001840	239.9576
#3	-.000486	-.011978	-.000207	-.015389	.001382	239.6194

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044294	.0005503	.0057805	236.0558	.0474013	-.000169
Stddev	.0002226	.0000569	.0003314	.7830	.0013788	.000365
%RSD	5.026318	10.33968	5.733605	.3317223	2.908711	216.5124

#1	.0043798	.0005704	.0060048	235.2074	.0487940	-.000530
#2	.0046727	.0004861	.0053998	236.2092	.0460369	.000201
#3	.0042358	.0005944	.0059369	236.7508	.0473729	-.000177

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224162	101.7073	.0136820	252.6581	.0016401	.0001610
Stddev	.0016325	.1176	.0006277	.3254	.0006090	.0002560
%RSD	7.282606	.1156343	4.587479	.1287757	37.13415	159.0353

#1	.0211498	101.6005	.0129672	252.5518	.0009741	-.000135
#2	.0218401	101.6880	.0141431	253.0233	.0021687	.000316
#3	.0242586	101.8333	.0139356	252.3992	.0017774	.000302

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1863157	.0000317	.0380314	.1352043	-.011232	F -.252191
Stddev	.0247449	.0011523	.0097244	.0287931	.001009	.001148
%RSD	13.28118	3633.678	25.56943	21.29596	8.979771	.4551973

#1	.1766989	.0009492	.0412712	.1376228	-.011157	-.252499
#2	.2144253	.0004076	.0271006	.1052783	-.012276	-.253154
#3	.1678228	-.001262	.0457223	.1627118	-.010263	-.250921

Sample Name: ICSA Acquired: 7/21/2017 11:15:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	-.000763	.0143985	-.001466	-.001327	-.000636	.0033589
Stddev	.000176	.0007753	.001144	.002176	.000728	.0002246
%RSD	23.05580	5.384693	78.02525	163.9286	114.5414	6.686797

#1	-.000905	.0135535	-.001046	-.002163	-.001037	.0031023
#2	-.000818	.0145650	-.000591	-.002962	-.001075	.0035196
#3	-.000566	.0150770	-.002760	.001143	.000205	.0034548

Elem	Sr4077
Units	ppm
Avg	.0967550
Stddev	.0001831
%RSD	.1892747

#1	.0969282
#2	.0967736
#3	.0965634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	972.1894	1747.757	41062.86	6401.898	2609.116
Stddev	2.6616	8.676	240.30	44.512	9.794
%RSD	.2737710	.4963911	.5852090	.6952883	.3753598

#1	969.4295	1739.555	40796.38	6359.995	2602.781
#2	974.7403	1756.839	41129.12	6397.072	2620.396
#3	972.3983	1746.877	41263.08	6448.625	2604.172

Sample Name: ICSAB Acquired: 7/21/2017 11:19:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0981271	.1042939	.0525230	.0301361	.5816674	237.1335
Stddev	.0068984	.0017826	.0013083	.0044715	.0048039	.9765
%RSD	7.030051	1.709240	2.490890	14.83754	.8258869	.4117976

#1	.1017881	.1040090	.0533137	.0340954	.5828535	238.2601
#2	.1024232	.1062018	.0532424	.0252864	.5763815	236.5302
#3	.0901700	.1026709	.0510129	.0310265	.5857672	236.6101

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4474275	.4216495	.9681934	236.9843	.5458290	.4331442
Stddev	.0012338	.0017677	.0053541	1.2270	.0010853	.0028175
%RSD	.2757538	.4192347	.5530024	.5177374	.1988377	.6504740

#1	.4488356	.4220190	.9714123	237.6830	.5466091	.4336744
#2	.4465358	.4232032	.9711550	237.7022	.5462884	.4356589
#3	.4469111	.4197262	.9620127	235.5675	.5445896	.4300993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109664	101.5314	.5176714	250.7388	.8567305	.1758688
Stddev	.0013473	.4880	.0047979	1.0165	.0030258	.0003373
%RSD	.2636750	.4806141	.9268139	.4053952	.3531785	.1917905

#1	.5121490	101.9897	.5228717	251.7879	.8549648	.1755283
#2	.5112506	101.5860	.5167257	250.6702	.8602243	.1762028
#3	.5094997	101.0184	.5134169	249.7584	.8550024	.1758753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.382123	.4347186	1.022672	.1331396	-.022271	F .1656471
Stddev	.052887	.0053650	.003790	.0389504	.005538	.0006243
%RSD	2.220181	1.234119	.3705873	29.25527	24.86585	.3768732

#1	2.375766	.4403756	1.019587	.1773071	-.027403	.1653697
#2	2.437902	.4297034	1.026903	.1037037	-.016401	.1663620
#3	2.332701	.4340766	1.021527	.1184080	-.023008	.1652095

Sample Name: ICSAB Acquired: 7/21/2017 11:19:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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 .3790382	1.004971	.3488857	F .3639463	.3823600	.0026712
Stddev	.0018938	.009989	.0014854	.0009549	.0015622	.0003927
%RSD	.4996325	.9939691	.4257642	.2623746	.4085553	14.69999
#1	.3787048	1.004411	.3501657	.3640420	.3835225	.0027613
#2	.3810766	1.015227	.3492345	.3629472	.3829732	.0022413
#3	.3773333	.995273	.3472569	.3648498	.3805842	.0030110

Elem	Sr4077
Units	ppm
Avg	.0956991
Stddev	.0001977
%RSD	.2065835
#1	.0958934
#2	.0957058
#3	.0954982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.0892	1746.806	41706.01	6502.661	2602.258
Stddev	8.9661	1.070	152.23	49.773	8.000
%RSD	.9055880	.0612263	.3650108	.7654298	.3074121
#1	980.6143	1747.130	41568.01	6456.264	2599.702
#2	991.2129	1745.612	41680.71	6496.483	2595.849
#3	998.4406	1747.676	41869.30	6555.234	2611.223

Sample Name: CCV009 Acquired: 7/21/2017 11:23:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060325	4.759988	24.79520	4.846357	4.997801	400.5748
Stddev	.025924	.005369	.02089	.009941	.020132	.8650
%RSD	.5122955	.1127915	.0842314	.2051227	.4028239	.2159287

#1	5.033810	4.763672	24.79117	4.834903	4.975241	401.5716
#2	5.085614	4.762464	24.81780	4.851438	5.004222	400.1307
#3	5.061553	4.753828	24.77662	4.852732	5.013939	400.0220

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09373	.4914304	2.519123	403.0477	15.20350	2.547923
Stddev	.07660	.0029235	.000734	1.2294	.05698	.001312
%RSD	.7589230	.5948859	.0291228	.3050280	.3748102	.0514940

#1	10.08413	.4946851	2.519378	401.7212	15.26912	2.548834
#2	10.17468	.4905787	2.519694	404.1488	15.17495	2.548515
#3	10.02238	.4890274	2.518295	403.2731	15.16643	2.546419

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31106	400.9244	14.95091	405.7605	2.499315	1.332061
Stddev	.06557	.5391	.01322	.3605	.003968	.002600
%RSD	.4282299	.1344660	.0884223	.0888348	.1587752	.1951660

#1	15.38614	400.3449	14.93768	405.3729	2.494781	1.329790
#2	15.26508	401.0171	14.96412	406.0856	2.502153	1.334897
#3	15.28196	401.4111	14.95092	405.8232	2.501011	1.331496

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.8528	2.465670	16.12955	153.5868	5.037008	F 4.251514
Stddev	.8553	.011236	.05230	.3532	.021258	.021121
%RSD	.2139161	.4556807	.3242729	.2299735	.4220337	.4967939

#1	400.8289	2.455658	16.07343	153.7087	5.049682	4.273856
#2	399.4950	2.463531	16.17694	153.8630	5.048877	4.248812
#3	399.2344	2.477822	16.13827	153.1888	5.012466	4.231874

Sample Name: CCV009 Acquired: 7/21/2017 11:23:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957220	5.022933	4.909822	4.935361	5.013711	5.146256
Stddev	.013930	.013627	.028157	.001105	.008838	.030204
%RSD	.2809950	.2713048	.5734894	.0223890	.1762836	.5869204

#1	4.941339	5.037435	4.933310	4.934631	5.023299	5.180198
#2	4.962950	5.010393	4.917549	4.936633	5.011946	5.122337
#3	4.967370	5.020971	4.878608	4.934820	5.005889	5.136234

Elem	Sr4077
Units	ppm
Avg	5.089848
Stddev	.057109
%RSD	1.122022

#1	5.075026
#2	5.152908
#3	5.041612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.8377	1599.246	38789.15	6290.544	2219.125
Stddev	3.4780	5.192	143.63	11.732	1.267
%RSD	.3971112	.3246224	.3702789	.1865095	.0570948

#1	877.4696	1604.367	38940.51	6282.147	2220.510
#2	871.8438	1599.384	38772.20	6285.535	2218.024
#3	878.1998	1593.987	38654.76	6303.949	2218.841

Sample Name: CCB009 Acquired: 7/21/2017 11:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003852	-.000189	.0003032	-.002849	-.001360	.0062917	.0005030
Stddev	.0009899	.000098	.0010827	.001486	.000940	.0024381	.0004198
%RSD	256.9785	51.83696	357.0593	52.15593	69.12427	38.75091	83.47183

#1	.0014816	-.000076	-.000103	-.003349	-.002161	.0065293	.0007345
#2	-.000443	-.000247	-.000518	-.001177	-.001595	.0086023	.0000183
#3	.000117	-.000244	.001530	-.004019	-.000325	.0037435	.0007561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000022	.0115293	-.000352	-.000238	.0019974	.0026951
Stddev	.000030	.000051	.0032775	.000177	.000110	.0002842	.0046827
%RSD	103.4848	228.0879	28.42735	50.37159	46.18818	14.23106	173.7487

#1	.000006	.000030	.0091637	-.000510	-.000203	.0018202	.0074723
#2	-.000045	-.000026	.0152704	-.000161	-.000150	.0018466	-.001887
#3	-.000048	-.000071	.0101539	-.000384	-.000361	.0023252	.002500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0217008	-.000062	.0000074	.0255493	-.000833	.0061088
Stddev	.000092	.0126408	.000072	.0000084	.1222587	.001922	.0146256
%RSD	2372.739	58.25050	116.0133	113.8415	478.5204	230.8663	239.4177

#1	.000090	.0075373	.000021	.0000167	-.081987	.001058	.0021267
#2	-.000007	.0318383	-.000104	.0000003	.000108	-.000771	-.006113
#3	-.000094	.0257269	-.000104	.0000052	.158527	-.002785	.022313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177628	.0009578	.0097743	.0005624	.0002477	-.000454	.0008976
Stddev	.0077721	.0016068	.0001806	.0001598	.0022661	.000535	.0010513
%RSD	43.75457	167.7628	1.847600	28.41518	914.9108	117.8170	117.1316

#1	.0239819	-.000222	.0097491	.0003982	.0010699	-.000297	-.000199
#2	.0202567	.002788	.0096076	.0005716	.0019879	-.000015	.000996
#3	.0090500	.000308	.0099662	.0007174	-.002315	-.001051	.001896

Sample Name: CCB009 Acquired: 7/21/2017 11:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001053	.0004235	.0000218
Stddev	.000466	.0002548	.0000151
%RSD	44.29761	60.17947	69.14768

#1	-.000699	.0007105	.0000104
#2	-.001581	.0002240	.0000161
#3	-.000878	.0003359	.0000388

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1101.048	1917.591	46836.01	6924.581	3102.681
Stddev	4.980	6.569	52.67	8.719	7.478
%RSD	.4522520	.3425694	.1124582	.1259129	.2410157

#1	1105.506	1911.145	46895.62	6923.512	3094.713
#2	1095.674	1924.277	46795.75	6933.786	3109.546
#3	1101.964	1917.351	46816.66	6916.447	3103.783

Sample Name: I4236-11 Acquired: 7/21/2017 11:31:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839746	-.016783	2.821682	-.029879	.0082366	91.21476	1.990718
Stddev	.0038761	.003202	.016635	.002363	.0012078	.16971	.002116
%RSD	4.615803	19.07947	.5895244	7.907776	14.66358	.1860515	.1063180

#1	.0829240	-.015840	2.803751	-.030096	.0087865	91.07790	1.992725
#2	.0807321	-.020351	2.824684	-.027415	.0068517	91.16173	1.990924
#3	.0882677	-.014158	2.836611	-.032125	.0090716	91.40465	1.988507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071894	.1099080	82.37340	.1819181	.0762650	.4899542	194.0447
Stddev	.0002566	.0008848	.24575	.0010657	.0003544	.0002123	.3666
%RSD	3.569506	.8050356	.2983315	.5858276	.4646701	.0433323	.1889118

#1	.0071410	.1093286	82.23894	.1828061	.0759267	.4897101	194.0583
#2	.0069605	.1094690	82.22422	.1807363	.0762347	.4900573	193.6715
#3	.0074668	.1109265	82.65704	.1822120	.0766335	.4900953	194.4043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291081	35.80922	.1922470	.0029333	1.312869	.2273066	8.522238
Stddev	.007371	.19584	.0011215	.0002074	.001175	.0037117	.067389
%RSD	.1393139	.5468962	.5833687	7.069977	.0894940	1.632909	.7907381

#1	5.286090	35.68338	.1910303	.0030641	1.312791	.2232648	8.535741
#2	5.287607	35.70941	.1932394	.0026942	1.314081	.2305622	8.449121
#3	5.299548	36.03485	.1924714	.0030415	1.311735	.2280928	8.581853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.91920	9.754515	-.398342	.0081911	5.567625	2.788328	.0519933
Stddev	.07381	.046175	.002506	.0003906	.021184	.026190	.0014311
%RSD	.3901363	.4733673	.6291200	4.768931	.3804829	.9392586	2.752511

#1	18.83712	9.757074	-.400373	.0084290	5.554199	2.815161	.0506949
#2	18.94035	9.707114	-.399112	.0084041	5.556630	2.762833	.0517573
#3	18.98013	9.799357	-.395541	.0077403	5.592046	2.786991	.0535278

Sample Name: I4236-11 Acquired: 7/21/2017 11:31:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9004929	.0901152	1.480007
Stddev	.0026515	.0003915	.001155
%RSD	.2944487	.4344341	.0780087

#1	.8981979	.0897766	1.481156
#2	.9033954	.0905439	1.480020
#3	.8998854	.0900251	1.478847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.711	1910.580	47769.86	7401.878	2704.946
Stddev	.545	2.356	124.00	6.015	5.970
%RSD	.0506707	.1233051	.2595702	.0812644	.2207174

#1	1075.209	1908.385	47848.05	7396.927	2706.850
#2	1076.291	1910.285	47626.89	7408.573	2709.732
#3	1075.633	1913.069	47834.65	7400.135	2698.256

Sample Name: I4236-12 Acquired: 7/21/2017 11:35:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080518	-.029761	2.459269	-.040737	.0072787	98.95071	1.974351
Stddev	.0070820	.002259	.011152	.003615	.0019739	.44382	.001821
%RSD	6.554282	7.590649	.4534700	8.874559	27.11846	.4485226	.0922092

#1	.1133032	-.027582	2.471652	-.038452	.0074584	98.90996	1.973785
#2	.1108548	-.032092	2.450019	-.038855	.0091565	98.52868	1.972881
#3	.0999973	-.029609	2.456136	-.044906	.0052211	99.41350	1.976388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100038	.0817627	74.06549	.1412402	.0933540	.6378272	287.0935
Stddev	.0001220	.0004307	.28010	.0012843	.0005004	.0018177	1.0428
%RSD	1.219790	.5267525	.3781850	.9092891	.5360130	.2849878	.3632363

#1	.0100842	.0818793	73.83742	.1422757	.0939127	.6365652	286.3357
#2	.0098634	.0812858	73.98092	.1416418	.0932024	.6370058	286.6620
#3	.0100638	.0821232	74.37814	.1398031	.0929469	.6399107	288.2828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.577910	27.51206	.2079796	.0024706	1.913907	.2661317	9.780712
Stddev	.023616	.09803	.0015042	.0001015	.063896	.0036753	.113389
%RSD	.5158702	.3563033	.7232658	4.108150	3.338515	1.380989	1.159309

#1	4.560086	27.44010	.2083997	.0025347	1.970870	.2636653	9.650767
#2	4.568948	27.47238	.2063099	.0023536	1.844816	.2703557	9.831802
#3	4.604695	27.62371	.2092291	.0025235	1.926035	.2643741	9.859568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86674	8.613779	-.565472	.0392603	10.79503	2.236869	.0487629
Stddev	.09481	.032971	.001318	.0007473	.03697	.007496	.0006664
%RSD	.5621154	.3827741	.2331116	1.903513	.3424422	.3351275	1.366533

#1	16.89983	8.647054	-.565438	.0397932	10.80527	2.245509	.0494967
#2	16.75983	8.581121	-.564171	.0384060	10.75402	2.232081	.0481955
#3	16.94058	8.613161	-.566807	.0395815	10.82579	2.233019	.0485964

Sample Name: I4236-12 Acquired: 7/21/2017 11:35:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.318185	.0846610	.3310575
Stddev	.003020	.0006869	.0007754
%RSD	.2290807	.8113813	.2342128

#1	1.320600	.0852762	.3316161
#2	1.314800	.0839198	.3301723
#3	1.319155	.0847870	.3313842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.345	1885.068	47482.48	7380.185	2685.502
Stddev	7.948	4.639	69.15	27.797	8.302
%RSD	.7531105	.2461123	.1456308	.3766498	.3091586

#1	1063.009	1879.964	47487.80	7353.461	2678.204
#2	1055.886	1889.029	47548.81	7408.944	2694.535
#3	1047.141	1886.212	47410.82	7378.150	2683.767

Sample Name: I4236-13 Acquired: 7/21/2017 11:39:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1349528	-.023413	3.874727	-.033697	.0057776	110.0142	2.569009
Stddev	.0049370	.004185	.010096	.003289	.0003938	.2106	.002111
%RSD	3.658344	17.87389	.2605555	9.761491	6.815742	.1914521	.0821664

#1	.1362763	-.018668	3.878226	-.036993	.0061449	110.2569	2.571134
#2	.1294889	-.024991	3.863348	-.030414	.0058260	109.8791	2.568982
#3	.1390932	-.026578	3.882609	-.033683	.0053618	109.9066	2.566912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153665	.1187235	278.8982	.1479143	.0786315	.8136246	248.5204
Stddev	.0002843	.0008013	.2701	.0022790	.0004485	.0012869	.3321
%RSD	1.850228	.6749277	.0968587	1.540767	.5703564	.1581674	.1336456

#1	.0155090	.1180512	278.6004	.1468369	.0786392	.8135369	248.3704
#2	.0150391	.1185092	278.9667	.1505322	.0781793	.8123838	248.9011
#3	.0155514	.1196102	279.1275	.1463736	.0790761	.8149531	248.2898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.374541	61.80976	.2038011	.0063840	4.237478	.2374975	15.22237
Stddev	.019786	.10547	.0012991	.0001694	.068956	.0025941	.04161
%RSD	.2362659	.1706286	.6374515	2.652899	1.627279	1.092255	.2733521

#1	8.352415	61.87390	.2031863	.0062283	4.214602	.2403424	15.20901
#2	8.390536	61.68804	.2029235	.0065644	4.182867	.2368870	15.26902
#3	8.380673	61.86735	.2052935	.0063593	4.314964	.2352632	15.18908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.35887	9.386002	-.438778	.0269786	17.40598	5.452849	.0579897
Stddev	.08286	.035322	.001577	.0002360	.07424	.031830	.0012731
%RSD	.4280189	.3763214	.3594883	.8747471	.4265161	.5837288	2.195347

#1	19.45066	9.390483	-.438928	.0272493	17.33511	5.488311	.0582585
#2	19.28960	9.348654	-.437131	.0268162	17.39965	5.443486	.0566037
#3	19.33634	9.418869	-.440275	.0268703	17.48319	5.426752	.0591069

Sample Name: I4236-13 Acquired: 7/21/2017 11:39:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7A4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.615434	.1045075	.5299165
Stddev	.008784	.0004371	.0008565
%RSD	.5437732	.4182869	.1616389

#1	1.610066	.1047084	.5305042
#2	1.610665	.1040060	.5289337
#3	1.625571	.1048081	.5303116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1052.662	1886.937	47329.71	7455.561	2532.776
Stddev	7.557	11.715	118.63	10.942	10.806
%RSD	.7179378	.6208731	.2506475	.1467661	.4266540

#1	1060.270	1883.524	47458.82	7444.622	2530.546
#2	1045.156	1899.980	47225.50	7455.556	2544.523
#3	1052.562	1877.307	47304.82	7466.506	2523.259

Sample Name: I4236-14 Acquired: 7/21/2017 11:43:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785374	-.016646	2.167552	-.025881	.0045379	88.66799	1.902841
Stddev	.0016679	.002248	.012060	.005097	.0011257	.26338	.007065
%RSD	2.123736	13.50479	.5563866	19.69319	24.80719	.2970434	.3712796

#1	.0777612	-.015957	2.163711	-.025399	.0041233	88.41374	1.901512
#2	.0773991	-.014824	2.157882	-.021042	.0058122	88.93964	1.910475
#3	.0804520	-.019158	2.181065	-.031201	.0036783	88.65060	1.896534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067110	.0692249	119.5475	.1239152	.0793962	.4775566	185.8560
Stddev	.0000241	.0003097	.3111	.0011156	.0007070	.0034627	.5115
%RSD	.3595586	.4473575	.2602052	.9003203	.8904892	.7250943	.2752210

#1	.0066840	.0695810	119.2274	.1230534	.0801382	.4814789	185.5204
#2	.0067184	.0690187	119.8487	.1251753	.0787304	.4762683	186.4448
#3	.0067306	.0690750	119.5663	.1235169	.0793198	.4749228	185.6029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068304	36.85312	.1966786	.0029560	1.436891	.2099239	9.317680
Stddev	.010557	.08340	.0012339	.0004020	.040974	.0037806	.077565
%RSD	.2082951	.2262923	.6273592	13.60089	2.851572	1.800922	.8324542

#1	5.056623	36.87953	.1976488	.0030305	1.393360	.2101107	9.228137
#2	5.077165	36.92011	.1952899	.0025219	1.474708	.2136076	9.360729
#3	5.071123	36.75972	.1970970	.0033156	1.442606	.2060534	9.364173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.80362	8.252622	-.378140	.0108032	5.150044	2.344118	.0495130
Stddev	.06703	.083525	.002981	.0007992	.048635	.020549	.0015087
%RSD	.3988855	1.012098	.7882770	7.397697	.9443650	.8766168	3.046981

#1	16.74762	8.289359	-.376921	.0098816	5.165711	2.327919	.0496790
#2	16.87789	8.157025	-.381537	.0113053	5.095506	2.367233	.0509318
#3	16.78535	8.311481	-.375962	.0112228	5.188915	2.337203	.0479282

Sample Name: I4236-14 Acquired: 7/21/2017 11:43:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8783088	.0851235	.3213674
Stddev	.0027269	.0001274	.0007591
%RSD	.3104712	.1496544	.2361944

#1	.8778000	.0852702	.3218004
#2	.8812543	.0850586	.3218109
#3	.8758722	.0850415	.3204910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.103	1902.217	47387.05	7323.730	2682.435
Stddev	12.546	9.816	128.38	26.579	8.923
%RSD	1.172420	.5160193	.2709103	.3629176	.3326584

#1	1084.246	1907.871	47534.06	7329.258	2681.392
#2	1060.315	1907.898	47297.06	7294.821	2691.834
#3	1065.747	1890.883	47330.03	7347.110	2674.079

Sample Name: I4236-15 Acquired: 7/21/2017 11:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404394	-.017871	3.516893	-.030574	.0101078	91.02879	2.234377
Stddev	.0038767	.001853	.012120	.002507	.0004527	.15116	.005384
%RSD	2.760404	10.36783	.3446273	8.198859	4.478792	.1660574	.2409548

#1	.1385444	-.019972	3.529880	-.029003	.0103909	90.91509	2.232698
#2	.1448991	-.017171	3.514918	-.033465	.0103468	91.20033	2.240400
#3	.1378748	-.016470	3.505882	-.029255	.0095857	90.97095	2.230033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076637	.1049426	106.1815	.1517227	.0791246	.7419287	205.7292
Stddev	.0001532	.0003043	.1923	.0008421	.0004467	.0010112	.3258
%RSD	1.998949	.2899248	.1811221	.5550265	.5645008	.1362935	.1583705

#1	.0078264	.1046360	106.1175	.1514994	.0795768	.7419555	205.7761
#2	.0076423	.1049475	106.3976	.1526539	.0786837	.7429263	206.0290
#3	.0075223	.1052444	106.0293	.1510147	.0791131	.7409044	205.3824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.897209	40.05936	.1844420	.0056145	1.399568	.2215626	13.72079
Stddev	.008136	.09646	.0004831	.0001609	.077316	.0011285	.09939
%RSD	.1379624	.2407827	.2619262	2.865479	5.524257	.5093219	.7243604

#1	5.887819	40.11077	.1838848	.0055764	1.314370	.2224651	13.83416
#2	5.902160	39.94809	.1846979	.0057910	1.419067	.2219252	13.64866
#3	5.901648	40.11921	.1847434	.0054761	1.465268	.2202973	13.67955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.10666	11.79518	-.416675	.0104415	7.294735	2.246068	.0486067
Stddev	.06041	.07554	.002244	.0005937	.054148	.011220	.0016308
%RSD	.2862105	.6404023	.5386297	5.686369	.7422944	.4995579	3.355044

#1	21.14695	11.82075	-.418865	.0097602	7.322897	2.257849	.0468703
#2	21.13584	11.85461	-.416779	.0107151	7.328999	2.235508	.0501059
#3	21.03720	11.71018	-.414380	.0108491	7.232309	2.244847	.0488440

Sample Name: I4236-15 Acquired: 7/21/2017 11:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7156904	.0860426	.3088812
Stddev	.0026743	.0004959	.0000870
%RSD	.3736697	.5763357	.0281781

#1	.7178806	.0864885	.3088885
#2	.7164807	.0861308	.3089643
#3	.7127100	.0855086	.3087907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.060	1898.773	47365.71	7360.474	2683.842
Stddev	5.019	3.563	100.75	21.637	4.335
%RSD	.4761375	.1876495	.2127055	.2939661	.1615103

#1	1049.770	1902.799	47251.55	7340.117	2685.486
#2	1059.579	1897.495	47403.39	7358.108	2678.926
#3	1052.829	1896.026	47442.19	7383.197	2687.115

Sample Name: I4236-10 Acquired: 7/21/2017 11:51:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671484	-.022607	1.194404	-.032734	.0050840	89.54619	2.490339
Stddev	.0077148	.001778	.009072	.001848	.0019124	.44221	.007647
%RSD	11.48912	7.864653	.7595408	5.646185	37.61699	.4938360	.3070611

#1	.0626871	-.022143	1.192537	-.031066	.0044498	89.32121	2.489550
#2	.0627014	-.021107	1.186412	-.032415	.0035692	90.05566	2.498350
#3	.0760566	-.024571	1.204265	-.034721	.0072330	89.26172	2.483117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064222	.0549896	93.31538	.1207521	.0815805	.4338131	223.7358
Stddev	.0002374	.0004506	.55006	.0009996	.0002639	.0015542	1.3656
%RSD	3.697211	.8195169	.5894600	.8277770	.3234540	.3582589	.6103773

#1	.0062724	.0548496	92.85966	.1196013	.0818394	.4356033	223.0030
#2	.0066960	.0546256	93.92639	.1214039	.0813119	.4330265	225.3114
#3	.0062982	.0554936	93.16009	.1212511	.0815903	.4328095	222.8929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.388411	48.45576	.2010746	.0013530	1.492046	.2147832	6.372020
Stddev	.039758	.23337	.0015326	.0001307	.107111	.0003251	.076805
%RSD	.6223408	.4816116	.7621991	9.660248	7.178815	.1513565	1.205344

#1	6.357786	48.19524	.2012862	.0012033	1.511648	.2149833	6.426965
#2	6.433342	48.64567	.1994473	.0014445	1.588004	.2144081	6.284258
#3	6.374104	48.52636	.2024905	.0014111	1.376488	.2149581	6.404837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.02443	9.675518	-.487840	.0031958	2.584789	3.255238	.0280306
Stddev	.06782	.092585	.002425	.0005466	.024095	.020822	.0013440
%RSD	.3565019	.9568946	.4970637	17.10336	.9321683	.6396565	4.794587

#1	18.95083	9.604039	-.486126	.0028117	2.571038	3.270074	.0274718
#2	19.08442	9.642412	-.490614	.0038216	2.570719	3.264205	.0295638
#3	19.03804	9.780105	-.486778	.0029542	2.612610	3.231435	.0270563

Sample Name: I4236-10 Acquired: 7/21/2017 11:51:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7591092	.0879406	.3229804
Stddev	.0052965	.0004497	.0015372
%RSD	.6977201	.5114024	.4759303

#1	.7564755	.0875747	.3223689
#2	.7652063	.0884427	.3247292
#3	.7556459	.0878044	.3218430

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.740	1958.549	48291.75	7500.043	2704.487
Stddev	14.259	11.394	246.96	40.987	10.791
%RSD	1.295369	.5817476	.5113905	.5464914	.3989893

#1	1088.642	1947.647	48071.25	7511.954	2697.118
#2	1116.461	1970.378	48558.60	7454.420	2716.873
#3	1097.119	1957.622	48245.39	7533.756	2699.471

Sample Name: I4236-16 Acquired: 7/21/2017 11:56:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431642	-.023421	3.321543	-.037848	.0070722	101.8821	2.530837
Stddev	.0014669	.002679	.010970	.003750	.0021543	.0729	.001207
%RSD	1.024599	11.43784	.3302583	9.907436	30.46146	.0715907	.0477099

#1	.1441345	-.020447	3.310372	-.041651	.0089115	101.9577	2.531427
#2	.1438814	-.024169	3.321958	-.034154	.0076028	101.8763	2.531637
#3	.1414767	-.025646	3.332299	-.037737	.0047021	101.8122	2.529448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110441	.1205361	96.60402	.1354483	.0836289	.6636717	256.2948
Stddev	.0002286	.0006259	.43545	.0006708	.0004249	.0011833	.4667
%RSD	2.070276	.5192299	.4507527	.4952388	.5081090	.1782921	.1820807

#1	.0112488	.1199307	97.09518	.1357367	.0840815	.6645853	256.8249
#2	.0107973	.1204972	96.45163	.1346815	.0835665	.6623351	255.9461
#3	.0110863	.1211806	96.26524	.1359266	.0832385	.6640947	256.1134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.572949	27.92194	.2269579	.0030366	2.985184	.2516254	11.55956
Stddev	.023246	.07430	.0007690	.0002559	.080704	.0035589	.05407
%RSD	.5083283	.2661080	.3388145	8.428075	2.703486	1.414376	.4677904

#1	4.599562	28.00763	.2265599	.0027427	2.899043	.2495638	11.59495
#2	4.562672	27.87551	.2264695	.0031571	3.059043	.2495776	11.58642
#3	4.556614	27.88266	.2278443	.0032100	2.997466	.2557349	11.49732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.63312	11.40756	-.250862	.0354757	11.30499	3.300880	.0366753
Stddev	.06657	.03530	.005041	.0004174	.04556	.012964	.0029805
%RSD	.3390610	.3094561	2.009510	1.176653	.4030040	.3927293	8.126828

#1	19.59884	11.40358	-.256673	.0356042	11.27443	3.315603	.0334382
#2	19.70984	11.37442	-.247665	.0358137	11.28318	3.291177	.0372817
#3	19.59068	11.44469	-.248247	.0350091	11.35735	3.295861	.0393060

Sample Name: I4236-16 Acquired: 7/21/2017 11:56:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.225625	.0871412	.3972557
Stddev	.004414	.0001510	.0007626
%RSD	.3601075	.1732467	.1919760

#1	1.230565	.0871638	.3981039
#2	1.222071	.0869802	.3966266
#3	1.224238	.0872796	.3970365

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.595	1879.384	47012.87	7367.978	2658.473
Stddev	6.074	2.913	130.93	36.991	2.675
%RSD	.5820089	.1549998	.2784962	.5020516	.1006278

#1	1040.906	1876.800	46994.49	7328.894	2659.447
#2	1039.331	1878.811	46892.11	7372.599	2660.525
#3	1050.549	1882.541	47152.02	7402.442	2655.447

Sample Name: I4236-17 Acquired: 7/21/2017 11:59:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848131	-.024716	3.669032	-.033894	.0064095	104.1120	2.065854
Stddev	.0063282	.002325	.008717	.007493	.0026082	.4461	.004466
%RSD	7.461400	9.404961	.2375962	22.10708	40.69335	.4284931	.2161599

#1	.0796161	-.025008	3.663872	-.025637	.0058278	103.8929	2.065803
#2	.0829630	-.022259	3.664127	-.035782	.0092595	103.8178	2.061414
#3	.0918602	-.026880	3.679097	-.040262	.0041412	104.6253	2.070345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085841	.1255725	341.5327	.1507627	.0876445	.5290813	231.2910
Stddev	.0000941	.0005443	.6058	.0000778	.0005693	.0026713	.7255
%RSD	1.096795	.4334321	.1773863	.0515829	.6495733	.5049043	.3136660

#1	.0086794	.1259512	340.8358	.1508371	.0870452	.5294201	230.5963
#2	.0085819	.1249488	341.8288	.1507691	.0877104	.5262567	231.2327
#3	.0084911	.1258175	341.9335	.1506820	.0881781	.5315671	232.0438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.215694	46.64574	.2144134	.0027216	2.116706	.2540769	10.88033
Stddev	.016957	.02415	.0005380	.0003744	.074034	.0018849	.02395
%RSD	.2728144	.0517725	.2509014	13.75726	3.497622	.7418515	.2201287

#1	6.205168	46.66253	.2147806	.0025498	2.145994	.2552960	10.85396
#2	6.206657	46.65662	.2137959	.0024640	2.171616	.2550289	10.90073
#3	6.235255	46.61806	.2146637	.0031512	2.032508	.2519059	10.88632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.33209	12.33777	-.419475	.0172124	6.448891	3.020813	.0753164
Stddev	.06048	.07591	.002157	.0004077	.034882	.008262	.0019473
%RSD	.3703173	.6152508	.5141286	2.368432	.5409056	.2734982	2.585447

#1	16.31603	12.28299	-.418119	.0174775	6.420089	3.021467	.0767052
#2	16.28127	12.30590	-.418345	.0167430	6.438907	3.028728	.0761533
#3	16.39898	12.42442	-.421962	.0174167	6.487677	3.012243	.0730906

Sample Name: I4236-17 Acquired: 7/21/2017 11:59:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6W8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7503602	.0945190	.6514001
Stddev	.0025072	.0007229	.0018824
%RSD	.3341396	.7648408	.2889835

#1	.7510227	.0949328	.6503547
#2	.7524697	.0936843	.6502724
#3	.7475883	.0949400	.6535732

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.586	1846.203	45411.75	7158.167	2529.720
Stddev	.646	6.128	104.69	10.372	3.901
%RSD	.0627399	.3319091	.2305458	.1448997	.1542161

#1	1029.099	1850.796	45514.91	7169.864	2531.338
#2	1029.342	1839.245	45414.76	7154.546	2532.552
#3	1030.319	1848.568	45305.58	7150.091	2525.270

Sample Name: I4236-18 Acquired: 7/21/2017 12:03:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240554	-.041840	7.740671	-.060767	.0147110	89.85780	3.341471
Stddev	.0032569	.001849	.027219	.004522	.0011389	.12701	.008379
%RSD	2.625332	4.419835	.3516304	7.442212	7.741572	.1413469	.2507474

#1	.1253548	-.043537	7.741985	-.062747	.0158103	89.99451	3.350193
#2	.1264620	-.039869	7.712819	-.055593	.0147864	89.83541	3.340737
#3	.1203494	-.042114	7.767209	-.063962	.0135363	89.74347	3.333484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101470	.2625567	153.5139	.1724471	.0842414	.9293535	399.2400
Stddev	.0000855	.0010265	.5701	.0014873	.0001298	.0010394	.7243
%RSD	.8423234	.3909548	.3713735	.8624791	.1540277	.1118460	.1814185

#1	.0100849	.2627262	153.2231	.1741244	.0842984	.9289988	398.4867
#2	.0101115	.2614561	154.1708	.1719278	.0843328	.9305239	399.9314
#3	.0102445	.2634879	153.1479	.1712890	.0840929	.9285379	399.3019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.517877	62.06542	.2387386	.0059832	3.111637	.2605361	16.03724
Stddev	.012490	.15136	.0011804	.0001156	.101296	.0029507	.06484
%RSD	.2263539	.2438651	.4944356	1.932335	3.255402	1.132529	.4042913

#1	5.506345	61.93715	.2384723	.0058988	3.156141	.2616344	15.98543
#2	5.531144	62.02677	.2377141	.0061150	2.995708	.2627800	16.10995
#3	5.516144	62.23236	.2400294	.0059359	3.183063	.2571938	16.01635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78081	13.02758	-.826479	.0364792	12.43377	2.090314	.1772640
Stddev	.05523	.07155	.009457	.0007324	.06970	.006403	.0005834
%RSD	.4007847	.5492238	1.144236	2.007835	.5605792	.3063191	.3290996

#1	13.84440	13.10770	-.815560	.0363866	12.51411	2.083884	.1769695
#2	13.74479	13.00498	-.831798	.0357975	12.38941	2.096690	.1768865
#3	13.75326	12.97006	-.832078	.0372536	12.39781	2.090368	.1779359

Sample Name: I4236-18 Acquired: 7/21/2017 12:03:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6W9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9080319	.0837692	.4254834
Stddev	.0019572	.0003293	.0004349
%RSD	.2155402	.3930732	.1022137

#1	.9062729	.0840311	.4258305
#2	.9101402	.0833996	.4256241
#3	.9076825	.0838769	.4249955

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1019.684	1835.561	46087.66	7164.502	2580.173
Stddev	5.392	5.310	200.48	6.647	6.138
%RSD	.5287703	.2892756	.4350028	.0927796	.2379053

#1	1013.557	1830.685	45856.64	7159.295	2573.653
#2	1021.786	1834.781	46216.08	7162.221	2585.841
#3	1023.708	1841.218	46190.26	7171.989	2581.024

Sample Name: I4236-19 Acquired: 7/21/2017 12:07:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300894	-.028363	11.12952	-.046150	.0112980	94.18886	3.886585
Stddev	.0040584	.002746	.02253	.004382	.0019663	.28220	.001333
%RSD	3.119702	9.681779	.2024008	9.494436	17.40400	.2996127	.0342874

#1	.1265097	-.025762	11.12792	-.050206	.0101382	94.45411	3.885358
#2	.1344984	-.028094	11.10784	-.041503	.0135683	94.22017	3.888003
#3	.1292603	-.031234	11.15281	-.046740	.0101875	93.89231	3.886393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097737	.3457292	152.4873	.1812686	.0893063	1.235250	280.1027
Stddev	.0001481	.0013457	.6281	.0004570	.0005697	.005015	.8129
%RSD	1.515002	.3892417	.4119123	.2521330	.6378889	.4059839	.2902219

#1	.0099182	.3456490	153.1085	.1809109	.0897009	1.229610	280.8615
#2	.0096223	.3444253	152.5010	.1817835	.0886532	1.236934	280.2019
#3	.0097806	.3471132	151.8525	.1811114	.0895648	1.239206	279.2447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.860049	65.59928	.2282021	.0078868	2.641835	.2687830	19.16444
Stddev	.037220	.16529	.0013904	.0003672	.042856	.0046474	.00342
%RSD	.6351542	.2519697	.6092634	4.656169	1.622222	1.729044	.0178369

#1	5.901598	65.76426	.2290985	.0079435	2.653602	.2717204	19.16128
#2	5.848794	65.59989	.2266004	.0082223	2.677579	.2712035	19.16807
#3	5.829756	65.43368	.2289073	.0074945	2.594325	.2634249	19.16397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.77977	12.61221	-.458654	.0355379	15.40272	1.790453	.2485861
Stddev	.06865	.17450	.002262	.0001751	.16372	.006144	.0013718
%RSD	.5372033	1.383558	.4932023	.4928071	1.062939	.3431653	.5518381

#1	12.84579	12.79968	-.458086	.0355255	15.57244	1.793438	.2496555
#2	12.78478	12.45451	-.456730	.0357189	15.24574	1.783387	.2490634
#3	12.70876	12.58245	-.461146	.0353693	15.38998	1.794535	.2470394

Sample Name: I4236-19 Acquired: 7/21/2017 12:07:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.009385	.0841100	.4147673
Stddev	.002809	.0000688	.0006933
%RSD	.2782925	.0818326	.1671558

#1	1.008452	.0840306	.4143579
#2	1.007162	.0841473	.4143762
#3	1.012542	.0841521	.4155678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1009.804	1835.183	45851.93	7188.847	2608.416
Stddev	3.660	7.950	94.51	25.194	7.338
%RSD	.3624187	.4331942	.2061224	.3504555	.2813358

#1	1008.230	1829.604	45806.91	7160.329	2604.108
#2	1007.194	1844.286	45788.34	7198.128	2616.889
#3	1013.987	1831.660	45960.53	7208.083	2604.251

Sample Name: PB100799BL Acquired: 7/21/2017 12:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0003051	-.000414	.0003675	.0006284	-.001154	.0026416	.0004246
Stddev	.0025692	.001944	.0016163	.0001216	.000517	.0057803	.0001990
%RSD	842.1733	469.0788	439.8300	19.34255	44.76567	218.8182	46.87369

#1	.0024779	.001089	-.001432	.0007482	-.001527	.0072434	.0006526
#2	.0009678	-.002609	.001695	.0005052	-.000564	.0045275	.0002854
#3	-.002531	.000277	.000840	.0006319	-.001371	-.003846	.0003358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000063	.0087350	-.000766	-.000167	.0019928	.0023216
Stddev	.000046	.000076	.0055711	.000132	.000099	.0014622	.0109661
%RSD	276.7183	119.6927	63.77926	17.23813	59.08880	73.37128	472.3419

#1	.000010	.000024	.0149836	-.000670	-.000059	.0034063	.0132267
#2	.000010	-.000106	.0042867	-.000712	-.000189	.0020858	.0024426
#3	-.000069	-.000107	.0069346	-.000917	-.000252	.0004864	-.008704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002138	.0027998	.0000588	.0001822	-.056657	-.000608	.0195913
Stddev	.0005356	.0351968	.0001091	.0002626	.042519	.003077	.0103241
%RSD	250.5428	1257.121	185.6231	144.1152	75.04586	506.2331	52.69708

#1	-.000329	-.008952	-.000033	.0003387	-.105710	.002934	.0314889
#2	.000742	-.025017	.000179	-.000121	-.033932	-.002134	.0129929
#3	.000228	.042369	.000030	.000329	-.030330	-.002623	.0142922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131829	-.001213	.0010085	.0001466	.0191599	.0000844	.0000827
Stddev	.0006604	.002758	.0006022	.0001780	.0024549	.0007755	.0010577
%RSD	5.009715	227.2915	59.70934	121.3699	12.81285	918.7193	1278.718

#1	.0133724	-.004242	.0013374	.0001153	.0219323	-.000398	-.000822
#2	.0137278	-.000551	.0013746	-.000014	.0172621	-.000328	.001246
#3	.0124484	.001153	.0003135	.000338	.0182852	.000979	-.000176

Sample Name: PB100799BL Acquired: 7/21/2017 12:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	-.001443	-.000200	-.000065
Stddev	.000381	.000630	.000063
%RSD	26.38781	314.9289	96.00616

#1	-.001077	.000521	-.000023
#2	-.001836	-.000479	-.000036
#3	-.001415	-.000643	-.000138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.507	1901.225	46418.86	6961.643	3089.214
Stddev	9.010	4.866	122.97	7.162	3.567
%RSD	.8307577	.2559605	.2649087	.1028770	.1154629

#1	1087.911	1897.180	46543.76	6962.695	3085.239
#2	1091.318	1906.626	46297.92	6954.013	3090.265
#3	1074.291	1899.870	46414.90	6968.221	3092.137

Sample Name: PB100799BS Acquired: 7/21/2017 12:16:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0150911	.0473263	.0199105	.0684641	.1183336	.3875301
Stddev	.0037326	.0026769	.0017588	.0030571	.0002062	.0042471
%RSD	24.73412	5.656164	8.833741	4.465191	.1742214	1.095954

#1	.0192328	.0445693	.0180895	.0712952	.1182618	.3917327
#2	.0119872	.0499151	.0200424	.0688747	.1181729	.3832397
#3	.0140531	.0474946	.0215997	.0652226	.1185660	.3876179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3646400	.0082226	.0100150	9.536213	F .0268753	.0851039
Stddev	.0010951	.0001333	.0001509	.025541	.0008488	.0004065
%RSD	.3003330	1.621001	1.506553	.2678334	3.158127	.4776307

#1	.3654117	.0082958	.0099276	9.528306	.0273810	.0849900
#2	.3651216	.0083032	.0099282	9.564773	.0258955	.0847664
#3	.3633865	.0080687	.0101893	9.515560	.0273496	.0855551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531832	.2376090	.0325671	9.706538	.0694290	.0173333
Stddev	.0020227	.0065124	.0007398	.028756	.0004214	.0003007
%RSD	3.803338	2.740785	2.271532	.2962522	.6069609	1.734971

#1	.0508842	.2338215	.0327941	9.673479	.0698553	.0176462
#2	.0546894	.2451288	.0317404	9.725753	.0690127	.0173073
#3	.0539761	.2338768	.0331667	9.720382	.0694191	.0170465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.864243	.0888791	.1390914	9.275904	F .0305070	F .0222992
Stddev	.034325	.0012241	.0025094	.047973	.0009785	.0001717
%RSD	.3479776	1.377232	1.804167	.5171763	3.207452	.7699746

#1	9.862456	.0902129	.1363529	9.315506	.0301490	.0221968
#2	9.830847	.0886174	.1412809	9.222560	.0297579	.0222034
#3	9.899428	.0878070	.1396403	9.289647	.0316141	.0224974

Sample Name: PB100799BS Acquired: 7/21/2017 12:16:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0228666	.1644899	.1855330	F .0132085	.2003761	.1017244
Stddev	.0003453	.0046675	.0003631	.0011297	.0009539	.0003267
%RSD	1.510100	2.837555	.1957236	8.552678	.4760413	.3211786

#1	.0232216	.1677340	.1858965	.0119047	.1992812	.1016293
#2	.0228462	.1665950	.1851703	.0138974	.2010277	.1020882
#3	.0225319	.1591406	.1855323	.0138232	.2008193	.1014559

Elem	Sr4077
Units	ppm
Avg	.2018544
Stddev	.0002941
%RSD	.1456982

#1	.2021876
#2	.2016311
#3	.2017445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.443	1802.987	44380.20	6750.944	2965.164
Stddev	8.636	3.944	153.59	31.241	7.268
%RSD	.8496322	.2187406	.3460832	.4627614	.2451107

#1	1019.308	1798.547	44340.70	6718.820	2957.678
#2	1006.738	1806.083	44250.22	6752.792	2972.192
#3	1023.282	1804.333	44549.69	6781.219	2965.621

Sample Name: I4237-01 Acquired: 7/21/2017 12:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3068563	-.021445	9.606946	-.042044	.0206646	87.25300	3.100258
Stddev	.0032182	.003209	.032317	.004873	.0003578	.06639	.004726
%RSD	1.048766	14.96179	.3363958	11.59006	1.731387	.0760939	.1524528

#1	.3101217	-.023389	9.595755	-.044468	.0202522	87.20017	3.095811
#2	.3067596	-.017742	9.581711	-.036435	.0208914	87.32753	3.099743
#3	.3036875	-.023205	9.643371	-.045231	.0208503	87.23130	3.105221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092125	.0729651	65.32367	.1081895	.1029995	.8665327	274.5312
Stddev	.0000345	.0003824	.13307	.0012816	.0003008	.0016379	.9368
%RSD	.3741673	.5241466	.2037107	1.184555	.2920705	.1890198	.3412316

#1	.0092087	.0728784	65.23784	.1088749	.1029848	.8684224	274.8691
#2	.0091802	.0726334	65.47696	.1067110	.1027062	.8655193	275.2522
#3	.0092488	.0733834	65.25620	.1089827	.1033073	.8656564	273.4724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.376382	33.37374	.2196908	.0275169	1.812213	.2644628	21.44914
Stddev	.022992	.09130	.0009764	.0003677	.015613	.0022058	.21425
%RSD	.3605799	.2735801	.4444230	1.336334	.8615502	.8340555	.9988632

#1	6.378132	33.36458	.2190630	.0272224	1.796702	.2647192	21.38152
#2	6.398449	33.46927	.2191938	.0279291	1.827926	.2665291	21.68904
#3	6.352566	33.28735	.2208157	.0273992	1.812013	.2621400	21.27686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.90673	10.92599	-.564412	.0963043	13.58260	4.784971	.0296653
Stddev	.06732	.04517	.004583	.0003744	.07764	.032696	.0016691
%RSD	.3759710	.4133846	.8119425	.3887824	.5715943	.6833069	5.626388

#1	17.86027	10.89852	-.568800	.0963190	13.53708	4.820906	.0278677
#2	17.98394	10.90132	-.564780	.0959228	13.53848	4.756977	.0299622
#3	17.87598	10.97811	-.559657	.0966712	13.67225	4.777029	.0311660

Sample Name: I4237-01 Acquired: 7/21/2017 12:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.270698	.0836748	.3283795
Stddev	.003973	.0008573	.0005575
%RSD	.3126541	1.024598	.1697895

#1	1.266112	.0835417	.3278775
#2	1.272915	.0828919	.3282815
#3	1.273068	.0845910	.3289796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.569	1963.899	48571.61	7529.423	2711.267
Stddev	9.879	7.182	96.21	30.773	5.434
%RSD	.8959943	.3656861	.1980725	.4087004	.2004329

#1	1105.255	1956.078	48525.18	7506.035	2705.750
#2	1091.625	1970.196	48507.43	7517.950	2716.614
#3	1110.827	1965.425	48682.23	7564.284	2711.437

Sample Name: I4237-02 Acquired: 7/21/2017 12:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1277973	-.014583	1.262918	-.022037	.0034508	83.56339	2.411054
Stddev	.0038985	.000126	.003289	.004192	.0005878	.21442	.012051
%RSD	3.050532	.8608433	.2604165	19.02304	17.03443	.2565996	.4998400

#1	.1234388	-.014725	1.261875	-.024505	.0030322	83.77816	2.424841
#2	.1309517	-.014533	1.260277	-.017196	.0031975	83.56270	2.405794
#3	.1290013	-.014489	1.266602	-.024408	.0041229	83.34931	2.402526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061175	.0583388	53.63417	.1134993	.0891267	.3440128	171.6618
Stddev	.0000585	.0003199	.31266	.0008410	.0006876	.0024048	.3205
%RSD	.9560670	.5483551	.5829435	.7409384	.7714982	.6990452	.1867121

#1	.0061529	.0579732	53.32792	.1131735	.0898875	.3450617	171.5059
#2	.0060500	.0584759	53.62174	.1128700	.0885496	.3412617	171.4489
#3	.0061496	.0585674	53.95286	.1144544	.0889430	.3457150	172.0304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.692125	32.49537	.1669621	.0030950	1.194610	.2035947	9.742300
Stddev	.032469	.12119	.0011912	.0001182	.055837	.0011862	.052973
%RSD	.3735504	.3729484	.7134780	3.817375	4.674088	.5826443	.5437404

#1	8.664799	32.57076	.1662565	.0031247	1.249523	.2047488	9.795469
#2	8.683557	32.35558	.1662924	.0031954	1.196416	.2023787	9.689526
#3	8.728019	32.55978	.1683375	.0029648	1.137892	.2036566	9.741906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.79422	8.850452	-.347848	.0201791	2.114558	8.239660	.0455709
Stddev	.07036	.007200	.001949	.0001374	.014791	.008585	.0007909
%RSD	.3383418	.0813471	.5603938	.6808674	.6994919	.1041899	1.735508

#1	20.86140	8.858221	-.349210	.0202059	2.103855	8.230975	.0464824
#2	20.80018	8.844006	-.345615	.0200303	2.131436	8.248142	.0450674
#3	20.72107	8.849128	-.348718	.0203011	2.108382	8.239862	.0451628

Sample Name: I4237-02 Acquired: 7/21/2017 12:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.440076	.0756062	.2693078
Stddev	.002495	.0003863	.0002768
%RSD	.1732321	.5108899	.1027832

#1	1.438952	.0760511	.2696227
#2	1.438340	.0754104	.2691974
#3	1.442934	.0753570	.2691032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1096.863	1975.964	48082.08	7456.106	2759.733
Stddev	8.121	7.903	186.56	8.887	6.108
%RSD	.7403819	.3999496	.3879974	.1191920	.2213416

#1	1089.621	1966.839	47891.65	7446.760	2752.683
#2	1095.326	1980.495	48090.07	7457.110	2763.057
#3	1105.643	1980.558	48264.51	7464.449	2763.459

Sample Name: I4237-03 Acquired: 7/21/2017 12:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961572	-.022165	2.397317	-.028042	.0087787	91.31131	1.945995
Stddev	.0023232	.001157	.005908	.002797	.0007904	.11305	.008381
%RSD	2.416094	5.220814	.2464234	9.972898	9.003313	.1238113	.4306971

#1	.0957100	-.021947	2.390824	-.027279	.0090243	91.24207	1.948694
#2	.0986715	-.021132	2.402374	-.031141	.0094170	91.44177	1.952694
#3	.0940900	-.023415	2.398755	-.025706	.0078946	91.25009	1.936597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074506	.0581377	83.03466	.1463712	.0865953	.4625073	204.7721
Stddev	.0001133	.0002832	.58924	.0010061	.0002678	.0011739	.5710
%RSD	1.520440	.4871427	.7096284	.6873274	.3093079	.2538177	.2788566

#1	.0073513	.0582343	82.58696	.1475269	.0863343	.4614126	204.3342
#2	.0075740	.0578188	82.81481	.1456915	.0865822	.4623624	204.5642
#3	.0074266	.0583600	83.70222	.1458953	.0868695	.4637470	205.4179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.257076	35.08192	.2155528	.0036057	1.700455	.2339170	5.197361
Stddev	.032716	.08655	.0013588	.0001806	.113924	.0025757	.018451
%RSD	.5228628	.2467222	.6303743	5.007569	6.699593	1.101132	.3550057

#1	6.229959	34.98371	.2148119	.0037033	1.793909	.2351606	5.216523
#2	6.247858	35.14707	.2147255	.0037165	1.733905	.2356349	5.179714
#3	6.293413	35.11498	.2171210	.0033974	1.573551	.2309554	5.195847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.89043	11.28884	-.432020	.0122556	4.337399	6.258418	.0269846
Stddev	.12298	.08347	.000191	.0002278	.027275	.028112	.0014447
%RSD	.5886893	.7394267	.0442946	1.859096	.6288265	.4491881	5.353810

#1	20.91377	11.26636	-.431995	.0120096	4.319089	6.253051	.0284074
#2	21.00006	11.21890	-.432223	.0122980	4.324362	6.288827	.0255189
#3	20.75745	11.38125	-.431843	.0124593	4.368746	6.233377	.0270275

Sample Name: I4237-03 Acquired: 7/21/2017 12:28:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6H3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9908326	.0952061	.3429189
Stddev	.0015014	.0004582	.0002356
%RSD	.1515307	.4812188	.0687101

#1	.9910820	.0956329	.3429794
#2	.9892221	.0952634	.3431183
#3	.9921937	.0947220	.3426589

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.868	1944.020	47979.42	7437.098	2702.972
Stddev	3.040	10.752	87.32	24.734	6.284
%RSD	.2802127	.5531053	.1819967	.3325762	.2324863

#1	1083.846	1938.224	48003.62	7464.862	2700.999
#2	1082.471	1956.427	48052.09	7429.016	2710.006
#3	1088.287	1937.408	47882.55	7417.416	2697.911

Sample Name: I4237-04 Acquired: 7/21/2017 12:32:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941027	-.017289	1.143457	-.023884	.0054623	93.39533	1.828589
Stddev	.0024307	.003600	.001067	.011431	.0003987	.18956	.005055
%RSD	2.583026	20.81982	.0933212	47.85764	7.299649	.2029635	.2764244

#1	.0935929	-.016304	1.142267	-.033295	.0059073	93.23578	1.833013
#2	.0919674	-.014285	1.143775	-.027194	.0053422	93.60487	1.823080
#3	.0967479	-.021279	1.144329	-.011164	.0051375	93.34534	1.829675

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068905	.0490644	56.67600	.1384834	.0931006	.3964930	193.7059
Stddev	.0001288	.0002938	.14358	.0008250	.0005001	.0016348	.6278
%RSD	1.868544	.5987611	.2533293	.5957148	.5371214	.4123070	.3241103

#1	.0067474	.0488024	56.57636	.1382054	.0930569	.3982241	193.2866
#2	.0069269	.0490088	56.84057	.1394114	.0936210	.3949756	194.4277
#3	.0069971	.0493820	56.61106	.1378333	.0926238	.3962792	193.4034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.975186	32.08564	.2244888	.0020454	1.448660	.2330949	3.414496
Stddev	.013458	.03913	.0005602	.0001702	.069097	.0011492	.035275
%RSD	.2252368	.1219461	.2495276	8.320062	4.769729	.4930226	1.033087

#1	5.961358	32.12499	.2239510	.0019012	1.370287	.2326458	3.455185
#2	5.988241	32.04674	.2244465	.0020017	1.500796	.2344008	3.395780
#3	5.975961	32.08519	.2250689	.0022331	1.474896	.2322381	3.392525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.88061	8.838021	-.413838	.0115219	3.409092	5.277281	.0356486
Stddev	.05631	.059419	.003201	.0001537	.028470	.041438	.0005916
%RSD	.3335499	.6723061	.7734010	1.334322	.8351154	.7852124	1.659392

#1	16.82373	8.771604	-.411013	.0113544	3.379532	5.234189	.0361484
#2	16.93632	8.856327	-.417314	.0115546	3.411414	5.316838	.0358018
#3	16.88177	8.886133	-.413186	.0116566	3.436330	5.280816	.0349955

Sample Name: I4237-04 Acquired: 7/21/2017 12:32:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9920535	.1018545	.3050389
Stddev	.0007710	.0007198	.0003837
%RSD	.0777194	.7066728	.1257834

#1	.9929329	.1019910	.3046878
#2	.9917339	.1010763	.3049803
#3	.9914936	.1024963	.3054485

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1111.248	1997.963	48643.75	7609.660	2750.250
Stddev	12.434	2.769	243.20	29.252	2.038
%RSD	1.118922	.1386018	.4999572	.3844048	.0741122

#1	1097.169	1998.640	48383.80	7621.292	2752.604
#2	1115.851	2000.330	48681.71	7576.381	2749.097
#3	1120.724	1994.917	48865.73	7631.306	2749.051

Sample Name: I4237-05 Acquired: 7/21/2017 12:36:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1470159	-.025176	3.699038	-.033607	.0081934	89.23995	2.095221
Stddev	.0012480	.003757	.022580	.003774	.0014703	.14595	.005580
%RSD	.8489111	14.92462	.6104373	11.22858	17.94423	.1635459	.2663133

#1	.1469727	-.026100	3.679224	-.033831	.0095137	89.40402	2.101463
#2	.1457900	-.028385	3.694268	-.037263	.0066090	89.19126	2.093485
#3	.1482849	-.021042	3.723622	-.029726	.0084575	89.12458	2.090716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087436	.0626790	59.72257	.1279371	.0870419	.7010756	246.0310
Stddev	.0000936	.0005086	.15328	.0003553	.0005448	.0028057	.4074
%RSD	1.070938	.8113648	.2566563	.2776802	.6258866	.4001939	.1655945

#1	.0087052	.0625025	59.54566	.1280547	.0869174	.7036964	245.9907
#2	.0088504	.0622821	59.80651	.1275380	.0865701	.7014145	245.6453
#3	.0086753	.0632522	59.81556	.1282187	.0876381	.6981159	246.4571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957377	26.07086	.2058517	.0075647	1.881517	.2326605	7.246740
Stddev	.008657	.04780	.0016189	.0004507	.084172	.0008648	.051786
%RSD	.1746320	.1833365	.7864147	5.957737	4.473627	.3717180	.7146075

#1	4.950470	26.04131	.2049883	.0080803	1.964458	.2330326	7.287615
#2	4.954573	26.12600	.2048476	.0073685	1.796165	.2332770	7.188505
#3	4.967089	26.04526	.2077193	.0072455	1.883929	.2316719	7.264102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23612	9.157868	-.519106	.0227522	5.689439	4.392173	.0324942
Stddev	.05981	.012385	.000655	.0004152	.032240	.010093	.0014639
%RSD	.3925505	.1352403	.1262019	1.824791	.5666728	.2297930	4.505008

#1	15.29704	9.171033	-.519862	.0224121	5.671067	4.384859	.0317701
#2	15.23384	9.146447	-.518735	.0226295	5.670585	4.387972	.0315334
#3	15.17748	9.156125	-.518721	.0232148	5.726666	4.403688	.0341790

Sample Name: I4237-05 Acquired: 7/21/2017 12:36:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6H5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.098470	.0921468	.3911292
Stddev	.004458	.0006506	.0007809
%RSD	.4058808	.7060438	.1996582

#1	1.093389	.0928804	.3920306
#2	1.100294	.0919204	.3907009
#3	1.101727	.0916397	.3906562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.726	1975.899	48515.29	7496.041	2742.926
Stddev	9.498	2.500	101.29	6.959	7.817
%RSD	.8605127	.1265296	.2087887	.0928335	.2849996

#1	1093.309	1973.717	48413.62	7495.279	2747.982
#2	1111.904	1975.353	48616.20	7503.349	2746.874
#3	1105.964	1978.627	48516.06	7489.494	2733.922

Sample Name: I4237-06 Acquired: 7/21/2017 12:40:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1233795	-.019054	1.684471	-.029148	.0083550	87.66496	1.832618
Stddev	.0069463	.001246	.002825	.001146	.0016327	.21879	.004028
%RSD	5.629992	6.537698	.1676839	3.931109	19.54097	.2495721	.2198070

#1	.1247245	-.019346	1.684443	-.028066	.0078952	87.86790	1.836409
#2	.1158591	-.017688	1.681660	-.029029	.0070016	87.43318	1.833056
#3	.1295549	-.020128	1.687309	-.030349	.0101683	87.69380	1.828388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074351	.0377273	46.79367	.1158438	.0796506	.4382118	207.1352
Stddev	.0000944	.0002183	.16502	.0006150	.0003097	.0024389	.6524
%RSD	1.269792	.5786803	.3526581	.5308621	.3887722	.5565555	.3149456

#1	.0075054	.0378386	46.79991	.1162052	.0795752	.4370568	207.2449
#2	.0073278	.0374758	46.62562	.1161924	.0793855	.4410136	206.4350
#3	.0074722	.0378675	46.95549	.1151337	.0799909	.4365650	207.7258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.507639	24.09145	.1530361	.0015267	1.749237	.2225307	3.366714
Stddev	.022305	.18988	.0004941	.0002232	.053831	.0053287	.029022
%RSD	.4948229	.7881440	.3228548	14.62136	3.077420	2.394599	.8620194

#1	4.511697	24.22357	.1531551	.0017656	1.810378	.2276204	3.386582
#2	4.483584	23.87386	.1524934	.0014910	1.728371	.2169915	3.380150
#3	4.527637	24.17691	.1534599	.0013235	1.708962	.2229802	3.333409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69897	9.624082	-.435928	.0206577	3.945532	4.670738	.0376670
Stddev	.02288	.042662	.004511	.0003680	.003162	.038528	.0005571
%RSD	.1556469	.4432787	1.034882	1.781193	.0801469	.8248752	1.478895

#1	14.72531	9.646162	-.440750	.0210514	3.941909	4.700070	.0377493
#2	14.68757	9.651179	-.431810	.0203225	3.947739	4.627104	.0381783
#3	14.68404	9.574906	-.435225	.0205991	3.946948	4.685038	.0370733

Sample Name: I4237-06 Acquired: 7/21/2017 12:40:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.079230	.0836145	.3177170
Stddev	.001309	.0008079	.0005392
%RSD	.1213327	.9662137	.1697175

#1	1.079048	.0840702	.3182441
#2	1.078021	.0840916	.3177405
#3	1.080621	.0826817	.3171664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.647	1975.905	48746.30	7552.587	2781.408
Stddev	8.839	10.864	10.72	53.810	9.812
%RSD	.7973123	.5498203	.0219849	.7124750	.3527766

#1	1102.403	1968.041	48745.21	7508.010	2775.104
#2	1104.776	1988.302	48736.17	7612.362	2792.713
#3	1118.761	1971.374	48757.52	7537.389	2776.406

Sample Name: I4237-07 Acquired: 7/21/2017 12:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040774	-.017622	1.228392	-.032801	.0061465	90.39140	2.032507
Stddev	.0044345	.000785	.009391	.007113	.0009497	.57607	.014210
%RSD	4.260763	4.454902	.7645261	21.68422	15.45167	.6373054	.6991454

#1	.1046022	-.017656	1.231682	-.030667	.0054118	90.90077	2.045863
#2	.0994039	-.018389	1.217798	-.027000	.0072189	90.50720	2.034084
#3	.1082262	-.016820	1.235696	-.040737	.0058088	89.76623	2.017575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071260	.0556898	52.34895	.1377368	.0887529	.3718467	200.2642
Stddev	.0000396	.0003339	.23772	.0000811	.0006081	.0041977	.9322
%RSD	.5554173	.5996430	.4541131	.0589094	.6851800	1.128883	.4654635

#1	.0070826	.0554313	52.47373	.1376710	.0887955	.3738632	200.9392
#2	.0071352	.0555711	52.49832	.1377121	.0881246	.3746558	200.6528
#3	.0071602	.0560668	52.07482	.1378275	.0893387	.3670213	199.2006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.716504	32.41562	.2243011	.0013793	1.259673	.2335206	3.965398
Stddev	.028063	.15583	.0014038	.0000997	.030409	.0020523	.039876
%RSD	.4909089	.4807140	.6258368	7.231969	2.414064	.8788625	1.005597

#1	5.731547	32.49343	.2227546	.0013113	1.272161	.2358116	3.972307
#2	5.733839	32.51722	.2246539	.0014938	1.281850	.2328999	3.922518
#3	5.684127	32.23621	.2254948	.0013329	1.225008	.2318502	4.001367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.43495	12.02711	-.431858	.0090672	3.834991	4.136266	.0259015
Stddev	.17606	.07102	.001971	.0008191	.026507	.018299	.0015237
%RSD	.7847510	.5904835	.4563766	9.033667	.6911821	.4424155	5.882610

#1	22.57757	11.99521	-.434103	.0081357	3.837416	4.155370	.0257171
#2	22.48910	11.97763	-.431061	.0096749	3.807355	4.134532	.0244784
#3	22.23817	12.10848	-.430410	.0093911	3.860203	4.118895	.0275090

Sample Name: I4237-07 Acquired: 7/21/2017 12:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8930831	.0985465	.2887322
Stddev	.0041918	.0014745	.0021512
%RSD	.4693579	1.496282	.7450554

#1	.8956746	.0995188	.2899946
#2	.8953278	.0992708	.2899538
#3	.8882471	.0968499	.2862483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1118.304	1996.833	49460.57	7720.413	2738.470
Stddev	4.509	7.250	36.59	37.099	10.751
%RSD	.4032005	.3630591	.0739731	.4805303	.3925798

#1	1114.908	1990.724	49465.52	7693.987	2732.539
#2	1123.420	2004.844	49421.76	7704.427	2750.880
#3	1116.583	1994.931	49494.43	7762.825	2731.991

Sample Name: I4237-08 Acquired: 7/21/2017 12:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963566	-.016555	1.025087	-.030463	.0050393	92.93964	1.897013
Stddev	.0027047	.002631	.000101	.000888	.0024049	.12572	.007159
%RSD	2.806947	15.89415	.0098328	2.915052	47.72366	.1352733	.3774021

#1	.0990803	-.018890	1.025014	-.029455	.0076466	92.98241	1.897487
#2	.0963182	-.017072	1.025044	-.031129	.0045634	92.79812	1.889629
#3	.0936713	-.013704	1.025202	-.030806	.0029079	93.03840	1.903924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074699	.0435029	52.40545	.1277135	.0857159	.4058844	195.9371
Stddev	.0001836	.0002290	.12382	.0012152	.0003383	.0028474	.1141
%RSD	2.458540	.5264178	.2362786	.9515220	.3947235	.7015291	.0582247

#1	.0075224	.0435524	52.34329	.1281958	.0860971	.4060960	195.8124
#2	.0072657	.0432533	52.54804	.1263312	.0854511	.4029371	196.0361
#3	.0076216	.0437032	52.32502	.1286136	.0855996	.4086201	195.9629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.350987	31.79824	.2186431	.0012725	1.343217	.2366397	2.829044
Stddev	.013733	.11043	.0013570	.0000954	.007670	.0022206	.049261
%RSD	.2566512	.3472911	.6206661	7.494989	.5710302	.9383993	1.741255

#1	5.337609	31.74451	.2182882	.0013394	1.351460	.2391815	2.793303
#2	5.365050	31.72496	.2174988	.0013149	1.336290	.2350762	2.885237
#3	5.350302	31.92526	.2201424	.0011633	1.341900	.2356614	2.808593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.24175	9.266613	-.410713	.0080452	4.304306	4.862547	.0274147
Stddev	.00270	.098365	.002194	.0003653	.035114	.004871	.0032131
%RSD	.0133531	1.061504	.5341155	4.540159	.8157904	.1001771	11.72048

#1	20.23866	9.313868	-.408231	.0076777	4.316864	4.866184	.0297394
#2	20.24289	9.153537	-.411517	.0080498	4.264640	4.857012	.0237481
#3	20.24369	9.332433	-.412392	.0084082	4.331415	4.864444	.0287566

Sample Name: I4237-08 Acquired: 7/21/2017 12:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.106006	.1013030	.3211773
Stddev	.004823	.0006492	.0003001
%RSD	.4360979	.6409011	.0934341

#1	1.108656	.1010024	.3212601
#2	1.100439	.1008585	.3208445
#3	1.108924	.1020481	.3214273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.427	1993.878	48869.02	7580.229	2751.274
Stddev	7.392	6.149	212.06	8.361	7.632
%RSD	.6644532	.3083849	.4339424	.1103018	.2773828

#1	1113.353	1991.601	48710.64	7570.727	2747.862
#2	1104.616	2000.840	48786.49	7586.460	2760.016
#3	1119.312	1989.191	49109.95	7583.500	2745.944

Sample Name: CCV010 Acquired: 7/21/2017 12:52:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.074573	4.794913	24.57685	4.876274	4.994700	399.2468
Stddev	.017575	.006468	.01470	.029507	.024573	1.8638
%RSD	.3463421	.1348828	.0597991	.6051109	.4919903	.4668396

#1	5.070012	4.796066	24.56032	4.890355	4.993551	401.1514
#2	5.059727	4.787947	24.58176	4.842365	4.970721	399.1623
#3	5.093979	4.800727	24.58846	4.896103	5.019827	397.4266

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02433	.4834953	2.477283	396.7729	14.98202	2.525458
Stddev	.10072	.0039161	.003029	1.6096	.04509	.001598
%RSD	1.004732	.8099590	.1222679	.4056839	.3009889	.0632846

#1	9.91539	.4827203	2.479706	397.1147	15.01356	2.524347
#2	10.11406	.4877409	2.473887	398.1841	15.00212	2.524737
#3	10.04355	.4800246	2.478257	395.0198	14.93037	2.527289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16129	394.7799	14.69649	400.5931	2.465980	1.337424
Stddev	.06249	1.3719	.05992	1.5361	.006332	.005417
%RSD	.4121555	.3475188	.4077186	.3834608	.2567579	.4050384

#1	15.23173	395.3236	14.71732	401.4396	2.467378	1.342080
#2	15.13963	395.7967	14.74322	401.5197	2.459067	1.338714
#3	15.11252	393.2195	14.62894	398.8199	2.471496	1.331479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.3311	2.417017	15.98131	152.8523	5.180607	F 4.223037
Stddev	2.0296	.004806	.08573	.6121	.021778	.033291
%RSD	.5082570	.1988386	.5364490	.4004443	.4203698	.7883268

#1	401.4071	2.422127	16.05975	153.5405	5.172313	4.227577
#2	399.2348	2.416338	15.88979	152.6476	5.164195	4.253826
#3	397.3513	2.412587	15.99441	152.3689	5.205313	4.187709

Sample Name: CCV010 Acquired: 7/21/2017 12:52:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966989	5.100137	4.870465	4.900401	4.956611	5.148574
Stddev	.017380	.014404	.028805	.014414	.023919	.027351
%RSD	.3499009	.2824275	.5914300	.2941439	.4825638	.5312437

#1	4.971840	5.102813	4.875190	4.894588	4.976775	5.179283
#2	4.947700	5.084583	4.896617	4.889800	4.962873	5.139612
#3	4.981428	5.113016	4.839590	4.916814	4.930184	5.126829

Elem	Sr4077
Units	ppm
Avg	5.062271
Stddev	.037814
%RSD	.7469686

#1	5.019326
#2	5.076909
#3	5.090577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	864.9486	1585.871	38534.01	6309.759	2218.312
Stddev	7.6593	6.630	209.86	23.956	4.288
%RSD	.8855167	.4180673	.5446224	.3796630	.1933172

#1	859.7481	1585.785	38319.19	6294.054	2221.254
#2	873.7440	1592.544	38738.54	6297.890	2220.291
#3	861.3537	1579.285	38544.31	6337.332	2213.392

Sample Name: CCB010 Acquired: 7/21/2017 12:56:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026585	.0016042	-.000911	-.000601	-.001442	.0061786	.0004993
Stddev	.0015733	.0004851	.001732	.001093	.000997	.0035706	.0001467
%RSD	59.17990	30.24073	190.1050	181.8301	69.12881	57.79006	29.38036

#1	.0043932	.0015860	.000776	-.000056	-.001744	.0067948	.0004859
#2	.0022583	.0020982	-.002684	-.001860	-.002253	.0023399	.0003597
#3	.0013239	.0011284	-.000825	.000112	-.000329	.0094009	.0006522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000223	-.000176	.0062323	-.000674	-.000141	.0019570	.0050231
Stddev	.0000410	.000108	.0070203	.000577	.000180	.0012955	.0064542
%RSD	183.8773	61.11745	112.6445	85.54543	128.4656	66.19987	128.4883

#1	.0000638	-.000143	.0014562	-.000061	-.000331	.0004690	.0023374
#2	.0000213	-.000296	.0142927	-.000757	.000027	.0025673	.0123865
#3	-.000018	-.000089	.0029479	-.001205	-.000118	.0028347	.0003456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004050	-.000246	.0001757	.0001758	-.007390	-.002129	.0008640
Stddev	.0003439	.018520	.0001382	.0002605	.036829	.000336	.0094126
%RSD	84.92435	7529.419	78.68818	148.1662	498.3306	15.78442	1089.462

#1	.0003548	-.001203	.0001301	.0003688	.027414	-.002508	.0002555
#2	.0007712	-.018269	.0000660	.0002792	-.045955	-.001867	-.008230
#3	.0000889	.018734	.0003309	-.000121	-.003631	-.002013	.010566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581226	-.001007	.0080034	.0009124	.0035430	-.000158	.0013959
Stddev	.0132778	.001167	.0006515	.0003001	.0035314	.000969	.0007370
%RSD	22.84442	115.8356	8.140386	32.89178	99.67320	614.3847	52.79972

#1	.0430757	-.000390	.0085924	.0012430	.0032460	-.000282	.0020794
#2	.0630979	-.002353	.0073036	.0008371	.0001694	.000868	.0014931
#3	.0681941	-.000278	.0081143	.0006571	.0072134	-.001059	.0006151

Sample Name: CCB010 Acquired: 7/21/2017 12:56:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000917	.0006521	.0000035
Stddev	.001015	.0001295	.0000381
%RSD	110.6885	19.85130	1080.116

#1	.000233	.0006325	-.000009
#2	-.001298	.0005336	-.000026
#3	-.001687	.0007903	.000046

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1080.715	1896.962	46422.69	6940.683	3085.293
Stddev	3.207	6.641	190.50	16.756	5.864
%RSD	.2967061	.3501019	.4103518	.2414238	.1900485

#1	1081.678	1890.455	46291.24	6930.561	3084.325
#2	1077.137	1903.730	46335.67	6960.025	3091.580
#3	1083.330	1896.700	46641.16	6931.464	3079.974

Sample Name: I4237-09 Acquired: 7/21/2017 13:00:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045218	-.018097	1.091268	-.025880	.0028452	96.60501	1.927977
Stddev	.0014826	.003053	.003565	.005450	.0008053	.33385	.005498
%RSD	1.418462	16.86837	.3266867	21.05822	28.30339	.3455861	.2851794

#1	.1056070	-.019615	1.088181	-.019716	.0025531	96.44921	1.931878
#2	.1028325	-.020092	1.090454	-.027862	.0037558	96.98828	1.930366
#3	.1051260	-.014582	1.095170	-.030061	.0022267	96.37754	1.921689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085178	.0467477	49.88924	.1286157	.0845560	.3487139	208.9795
Stddev	.0001542	.0000066	.18537	.0009989	.0002754	.0019880	.2129
%RSD	1.810744	.0142118	.3715698	.7766679	.3257294	.5700800	.1018555

#1	.0084829	.0467478	49.68781	.1280799	.0844434	.3506912	208.7351
#2	.0086865	.0467543	49.92727	.1279991	.0843547	.3487351	209.1242
#3	.0083839	.0467410	50.05266	.1297682	.0848698	.3467154	209.0792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.385140	30.37181	.2083630	.0018039	1.556264	.2482075	3.341192
Stddev	.019296	.01156	.0015427	.0000676	.096919	.0013315	.015522
%RSD	.3583120	.0380769	.7403701	3.746708	6.227668	.5364318	.4645679

#1	5.369841	30.37368	.2083030	.0018453	1.661907	.2467265	3.358047
#2	5.378763	30.35942	.2068512	.0018405	1.535429	.2485907	3.338043
#3	5.406817	30.38232	.2099348	.0017259	1.471457	.2493054	3.327486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.66931	11.18889	-.401425	.0310058	4.051124	4.697770	.0362760
Stddev	.08411	.06564	.002249	.0002186	.021637	.044020	.0015181
%RSD	.4069369	.5866649	.5602653	.7049134	.5340884	.9370438	4.184830

#1	20.67484	11.19670	-.399139	.0312566	4.042801	4.658051	.0379461
#2	20.75052	11.11969	-.403635	.0308559	4.034884	4.745099	.0359019
#3	20.58257	11.25028	-.401503	.0309049	4.075686	4.690159	.0349799

Sample Name: I4237-09 Acquired: 7/21/2017 13:00:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.136233	.0993018	.3088665
Stddev	.001299	.0004301	.0008409
%RSD	.1143393	.4331248	.2722440

#1	1.137358	.0991627	.3084876
#2	1.136531	.0997842	.3098302
#3	1.134811	.0989585	.3082818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.857	1969.264	48528.31	7537.980	2732.022
Stddev	.221	8.797	76.39	22.692	13.194
%RSD	.0200109	.4467138	.1574222	.3010336	.4829374

#1	1103.607	1965.461	48447.37	7551.336	2731.839
#2	1104.026	1979.323	48599.15	7511.780	2745.306
#3	1103.938	1963.008	48538.41	7550.826	2718.920

Sample Name: I4237-10 Acquired: 7/21/2017 13:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1462830	-.020584	1.087856	-.033638	.0048800	97.08080	1.800481
Stddev	.0042821	.000388	.008804	.002068	.0020761	.26545	.007375
%RSD	2.927284	1.883491	.8092915	6.147750	42.54346	.2734271	.4095990

#1	.1511797	-.020851	1.079641	-.031733	.0057849	97.37915	1.807419
#2	.1432401	-.020762	1.086776	-.035838	.0063501	96.99246	1.801287
#3	.1444292	-.020139	1.097150	-.033344	.0025050	96.87079	1.792736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089540	.0494003	53.06165	.1181396	.0881996	.3883911	231.2000
Stddev	.0000876	.0005993	.16793	.0003848	.0001392	.0019703	.9227
%RSD	.9781844	1.213110	.3164844	.3256872	.1578696	.5072936	.3990990

#1	.0089547	.0487172	53.25095	.1176974	.0880434	.3870029	232.2653
#2	.0088661	.0496460	52.93059	.1183231	.0883107	.3875242	230.6510
#3	.0090413	.0498376	53.00341	.1183982	.0882447	.3906462	230.6837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.374374	27.06996	.2117945	.0028041	1.790971	.2407785	3.299388
Stddev	.010176	.02861	.0011074	.0003071	.045035	.0016046	.024913
%RSD	.1893479	.1056871	.5228618	10.95296	2.514569	.6664113	.7550801

#1	5.385787	27.10163	.2109569	.0027798	1.811301	.2394297	3.319866
#2	5.371092	27.04598	.2113766	.0025099	1.739355	.2425530	3.306647
#3	5.366244	27.06227	.2130501	.0031227	1.822258	.2403527	3.271652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.74137	11.07584	-.437923	.0279380	3.704162	6.329030	.0273422
Stddev	.00671	.01575	.001850	.0005252	.009863	.019797	.0020649
%RSD	.0357850	.1421641	.4224849	1.879699	.2662719	.3127988	7.551908

#1	18.73834	11.07836	-.435906	.0275827	3.693363	6.307598	.0288252
#2	18.74906	11.09018	-.439542	.0276902	3.706428	6.346633	.0282175
#3	18.73671	11.05899	-.438321	.0285413	3.712695	6.332860	.0249838

Sample Name: I4237-10 Acquired: 7/21/2017 13:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.168030	.0955568	.3447160
Stddev	.004578	.0003480	.0009019
%RSD	.3919083	.3641819	.2616426

#1	1.166692	.0959300	.3455487
#2	1.173127	.0954993	.3448414
#3	1.164270	.0952412	.3437580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.490	1993.470	48661.47	7607.048	2729.495
Stddev	7.302	6.459	148.40	28.374	5.833
%RSD	.6599217	.3240162	.3049663	.3730024	.2136951

#1	1099.701	1986.432	48536.84	7574.317	2726.343
#2	1105.553	1999.127	48621.93	7622.130	2736.226
#3	1114.215	1994.851	48825.63	7624.696	2725.917

Sample Name: I4237-11 Acquired: 7/21/2017 13:08:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964270	-.016265	.7626087	-.028227	.0036444	87.07837	1.930425
Stddev	.0027550	.001069	.0054493	.002877	.0015441	.30506	.004892
%RSD	2.857036	6.572832	.7145586	10.19186	42.37020	.3503289	.2533951

#1	.0941049	-.015814	.7647339	-.030240	.0053140	87.19419	1.935035
#2	.0994711	-.015496	.7564170	-.024932	.0033513	86.73236	1.925294
#3	.0957052	-.017486	.7666751	-.029510	.0022678	87.30855	1.930946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067525	.0383013	44.41578	.1165283	.0754015	.2790563	177.8314
Stddev	.0000884	.0002097	.18884	.0011131	.0005131	.0016981	.4722
%RSD	1.309856	.5474999	.4251603	.9551870	.6805510	.6085010	.2655084

#1	.0066756	.0382486	44.26234	.1153238	.0751608	.2794250	177.7101
#2	.0067327	.0381230	44.35832	.1167420	.0750529	.2805398	177.4318
#3	.0068491	.0385323	44.62667	.1175190	.0759907	.2772042	178.3524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.704393	27.52534	.1758831	.0011130	1.173611	.2199568	3.013018
Stddev	.013810	.10004	.0001520	.0002322	.021650	.0009248	.026116
%RSD	.2935599	.3634347	.0864130	20.86535	1.844743	.4204362	.8667556

#1	4.699610	27.53629	.1759755	.0010194	1.192265	.2207814	2.989663
#2	4.693610	27.42028	.1757077	.0009422	1.149870	.2189570	3.008173
#3	4.719959	27.61945	.1759661	.0013775	1.178697	.2201321	3.041216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09652	11.18978	-.363168	.0130126	2.125624	4.754700	.0231799
Stddev	.05380	.07056	.001365	.0002849	.026074	.024774	.0015218
%RSD	.3147130	.6306074	.3759135	2.189540	1.226641	.5210445	6.565034

#1	17.12653	11.25703	-.361620	.0127673	2.139946	4.763515	.0249344
#2	17.03440	11.11631	-.363684	.0129454	2.095528	4.726725	.0223867
#3	17.12862	11.19601	-.364199	.0133251	2.141397	4.773862	.0222186

Sample Name: I4237-11 Acquired: 7/21/2017 13:08:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.020695	.0860237	.2938168
Stddev	.001575	.0000751	.0007343
%RSD	.1542622	.0872605	.2499123

#1	1.019974	.0860864	.2946625
#2	1.022501	.0860441	.2934461
#3	1.019610	.0859405	.2933417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.379	1994.984	48730.42	7590.893	2782.225
Stddev	1.552	4.478	110.46	10.215	8.187
%RSD	.1398926	.2244857	.2266721	.1345673	.2942714

#1	1108.018	1991.565	48700.46	7583.337	2776.429
#2	1111.069	2000.053	48638.04	7602.515	2791.591
#3	1109.051	1993.334	48852.77	7586.827	2778.655

Sample Name: I4237-12 Acquired: 7/21/2017 13:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0770387	-.018965	1.122658	-.028688	.0035113	87.82122	1.823025
Stddev	.0063047	.001355	.003102	.003473	.0005928	.21810	.011675
%RSD	8.183853	7.145723	.2763138	12.10573	16.88292	.2483423	.6404352

#1	.0697925	-.018546	1.119936	-.032681	.0038670	87.87473	1.834521
#2	.0800541	-.020480	1.122002	-.026366	.0028269	88.00759	1.823377
#3	.0812695	-.017868	1.126035	-.027018	.0038398	87.58135	1.811178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064815	.0534724	63.98205	.1342918	.0800031	.3161522	188.8169
Stddev	.0000960	.0004276	.19946	.0003814	.0003363	.0014222	.5979
%RSD	1.481189	.7996369	.3117422	.2840351	.4203292	.4498416	.3166485

#1	.0064553	.0529892	63.84204	.1341185	.0797822	.3174541	188.4458
#2	.0065879	.0536261	64.21043	.1340279	.0798370	.3146344	189.5066
#3	.0064013	.0538019	63.89369	.1347292	.0803901	.3163679	188.4983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.269081	38.27179	.1969381	.0012783	1.156924	.2159279	3.522543
Stddev	.006854	.07812	.0009191	.0002211	.040175	.0027724	.033845
%RSD	.1300737	.2041132	.4666784	17.29728	3.472590	1.283955	.9608232

#1	5.263068	38.18181	.1959054	.0011615	1.114809	.2189876	3.497579
#2	5.276544	38.32230	.1976662	.0015334	1.194828	.2135825	3.508985
#3	5.267631	38.31126	.1972427	.0011402	1.161135	.2152136	3.561066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.72290	13.36357	-.405782	.0090165	2.909481	5.796834	.0554195
Stddev	.07026	.05278	.000046	.0004611	.000887	.021875	.0017787
%RSD	.3234265	.3949422	.0112438	5.114347	.0305028	.3773575	3.209505

#1	21.74941	13.32038	-.405729	.0094483	2.908463	5.820719	.0573636
#2	21.77605	13.42240	-.405812	.0085308	2.910097	5.792008	.0550210
#3	21.64325	13.34794	-.405804	.0090706	2.909882	5.777775	.0538738

Sample Name: I4237-12 Acquired: 7/21/2017 13:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9713508	.0910878	.2597490
Stddev	.0039069	.0004566	.0001717
%RSD	.4022170	.5013000	.0661076

#1	.9758483	.0916118	.2599471
#2	.9694078	.0907755	.2596420
#3	.9687962	.0908760	.2596579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.686	1961.462	48266.38	7526.480	2734.107
Stddev	8.092	4.769	13.95	8.712	6.910
%RSD	.7412425	.2431311	.0288937	.1157477	.2527513

#1	1092.213	1959.282	48261.34	7536.070	2739.002
#2	1099.502	1966.931	48282.15	7519.054	2737.116
#3	1083.343	1958.172	48255.66	7524.317	2726.202

Sample Name: I4237-13 Acquired: 7/21/2017 13:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894858	-.016655	1.357913	-.032254	.0031617	85.83630	1.990605
Stddev	.0023184	.001561	.006346	.006187	.0007370	.11839	.003672
%RSD	2.590828	9.374117	.4673356	19.18200	23.31092	.1379236	.1844848

#1	.0869815	-.015767	1.358173	-.038366	.0031340	85.93744	1.994777
#2	.0899187	-.015740	1.351441	-.032400	.0024390	85.86538	1.987859
#3	.0915573	-.018458	1.364125	-.025995	.0039122	85.70608	1.989179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063583	.0448135	81.67177	.1341949	.0704838	.3034368	185.7125
Stddev	.0000515	.0001922	.16529	.0002626	.0003714	.0015367	.4343
%RSD	.8107787	.4289364	.2023883	.1957127	.5269899	.5064321	.2338730

#1	.0063068	.0449954	81.69358	.1338931	.0705192	.3037375	185.3533
#2	.0064099	.0446124	81.82507	.1343714	.0700959	.3017720	186.1952
#3	.0063581	.0448326	81.49665	.1343203	.0708362	.3048009	185.5890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.368790	48.30585	.1864836	.0012865	1.217390	.2176470	3.421917
Stddev	.012085	.08834	.0004381	.0002303	.047065	.0036110	.010272
%RSD	.2766112	.1828794	.2349143	17.90476	3.866068	1.659093	.3001723

#1	4.368501	48.34534	.1869510	.0015408	1.252375	.2135132	3.425975
#2	4.381016	48.20466	.1860823	.0012271	1.235914	.2201859	3.429540
#3	4.356852	48.36756	.1864175	.0010918	1.163881	.2192420	3.410236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.48777	14.20498	-.390543	.0097375	2.662467	5.007816	.0339972
Stddev	.02899	.18945	.001954	.0002682	.021462	.012601	.0012229
%RSD	.1487734	1.333686	.5002031	2.753918	.8060964	.2516252	3.597145

#1	19.46271	14.36595	-.391308	.0100442	2.679351	5.017711	.0326130
#2	19.51953	13.99621	-.391997	.0096215	2.638315	5.012107	.0344470
#3	19.48108	14.25277	-.388322	.0095470	2.669736	4.993630	.0349314

Sample Name: I4237-13 Acquired: 7/21/2017 13:16:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6J3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.079768	.0859809	.2664702
Stddev	.004532	.0003584	.0004889
%RSD	.4197146	.4168105	.1834743

#1	1.076817	.0857783	.2662694
#2	1.084987	.0857698	.2661137
#3	1.077502	.0863947	.2670275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.394	1947.818	47737.82	7476.434	2711.166
Stddev	.886	7.406	58.47	15.137	8.790
%RSD	.0820876	.3802222	.1224815	.2024578	.3242028

#1	1080.176	1943.771	47801.81	7460.030	2709.422
#2	1078.432	1956.366	47724.48	7479.411	2720.696
#3	1079.574	1943.318	47687.17	7489.861	2703.378

Sample Name: I4237-14 Acquired: 7/21/2017 13:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907282	-.017315	1.406907	-.029698	.0043957	86.81785	1.990838
Stddev	.0014953	.001377	.004538	.001238	.0003678	.03746	.003192
%RSD	1.648129	7.951156	.3225763	4.167924	8.367266	.0431461	.1603580

#1	.0911294	-.018862	1.403376	-.030788	.0040299	86.83771	1.994191
#2	.0890732	-.016858	1.405319	-.029954	.0047655	86.84121	1.990487
#3	.0919820	-.016224	1.412026	-.028352	.0043916	86.77465	1.987835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070975	.0445447	75.29124	.1249448	.0757112	.2913088	191.6605
Stddev	.0002488	.0000487	.29634	.0003490	.0004284	.0016803	.3712
%RSD	3.505495	.1093977	.3935881	.2793489	.5658446	.5768002	.1936963

#1	.0073478	.0445217	74.96739	.1247309	.0752398	.2923533	191.3030
#2	.0070945	.0445117	75.35746	.1253476	.0758170	.2922024	191.6343
#3	.0068502	.0446006	75.54886	.1247559	.0760768	.2893705	192.0441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.351397	33.40888	.1961293	.0013936	1.711452	.2248706	3.661917
Stddev	.013620	.10944	.0012296	.0000294	.026940	.0029574	.021768
%RSD	.3130089	.3275760	.6269362	2.108872	1.574107	1.315143	.5944472

#1	4.337437	33.31434	.1947244	.0013757	1.709579	.2216286	3.646182
#2	4.352102	33.38352	.1966542	.0013775	1.685497	.2255627	3.652808
#3	4.364650	33.52877	.1970094	.0014275	1.739279	.2274206	3.686760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.27416	21.97534	-.341712	.0217384	2.730544	4.791375	.0384322
Stddev	.04235	.12724	.000667	.0000961	.016861	.006074	.0016255
%RSD	.2197069	.5789969	.1951350	.4420381	.6174811	.1267734	4.229517

#1	19.32068	21.83082	-.341155	.0217635	2.716467	4.790091	.0390987
#2	19.26392	22.07052	-.342451	.0216322	2.749230	4.797988	.0365794
#3	19.23786	22.02468	-.341529	.0218194	2.725936	4.786045	.0396186

Sample Name: I4237-14 Acquired: 7/21/2017 13:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.052295	.0851286	.3029168
Stddev	.002252	.0006296	.0005506
%RSD	.2139839	.7396306	.1817528

#1	1.049815	.0858554	.3034323
#2	1.052856	.0847483	.3029813
#3	1.054213	.0847821	.3023368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1093.083	1976.249	48376.05	7579.276	2724.218
Stddev	7.028	3.276	66.71	15.047	3.940
%RSD	.6429773	.1657714	.1378901	.1985324	.1446192

#1	1085.382	1973.890	48313.05	7565.531	2724.781
#2	1094.715	1979.989	48369.18	7576.944	2727.846
#3	1099.151	1974.867	48445.93	7595.354	2720.027

Sample Name: I4237-15 Acquired: 7/21/2017 13:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0895365	-.013676	.6477621	-.024787	.0022422	85.99765	1.742872
Stddev	.0034861	.002682	.0012680	.003863	.0015603	.10714	.004027
%RSD	3.893437	19.61029	.1957546	15.58459	69.58722	.1245831	.2310646

#1	.0910342	-.011515	.6473648	-.027744	.0004546	85.99499	1.738610
#2	.0855519	-.016677	.6491812	-.020416	.0033305	86.10610	1.746614
#3	.0920234	-.012835	.6467403	-.026202	.0029416	85.89187	1.743390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058533	.0324497	47.33334	.1156449	.0728489	.2450405	168.2216
Stddev	.0000894	.0000887	.24549	.0004791	.0003284	.0014042	.2335
%RSD	1.527716	.2732364	.5186468	.4142472	.4507581	.5730657	.1387788

#1	.0058345	.0325268	47.54464	.1161798	.0731353	.2458457	168.2899
#2	.0059506	.0323528	47.06404	.1154996	.0724905	.2458569	167.9616
#3	.0057747	.0324695	47.39134	.1152553	.0729209	.2434191	168.4133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.683034	30.30453	.1820003	.0007192	1.307974	.2057736	2.404562
Stddev	.021151	.03228	.0002434	.0002392	.083604	.0034208	.041575
%RSD	.4516515	.1065240	.1337312	33.25359	6.391897	1.662421	1.728992

#1	4.703216	30.33827	.1818119	.0005020	1.231686	.2059453	2.440949
#2	4.661032	30.27394	.1822751	.0006800	1.294885	.2022702	2.359249
#3	4.684854	30.30139	.1819138	.0009754	1.397350	.2091054	2.413486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40754	12.07610	-.333746	.0071446	1.753226	5.498754	.0212890
Stddev	.08166	.01780	.001619	.0006775	.003832	.024019	.0013910
%RSD	.4436339	.1474251	.4851657	9.482074	.2185692	.4368014	6.533777

#1	18.33065	12.09599	-.335164	.0068706	1.749776	5.518475	.0201407
#2	18.49326	12.07066	-.334091	.0066472	1.757351	5.505783	.0208905
#3	18.39870	12.06165	-.331982	.0079162	1.752552	5.472006	.0228357

Sample Name: I4237-15 Acquired: 7/21/2017 13:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.163061	.0835501	.2574296
Stddev	.007368	.0004016	.0002838
%RSD	.6334977	.4806698	.1102579

#1	1.171489	.0837600	.2571418
#2	1.157842	.0838032	.2577093
#3	1.159851	.0830870	.2574376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.796	1981.752	48451.87	7551.067	2771.377
Stddev	10.916	6.291	128.02	33.296	7.243
%RSD	.9862304	.3174704	.2642308	.4409383	.2613331

#1	1102.328	1976.257	48304.42	7513.374	2766.267
#2	1119.237	1988.615	48534.81	7563.355	2779.665
#3	1098.824	1980.386	48516.37	7576.472	2768.198

Sample Name: I4237-16 Acquired: 7/21/2017 13:28:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960175	-.016260	1.805196	-.026665	.0033517	82.25923	2.279084
Stddev	.0021530	.002650	.003453	.001186	.0005582	.03632	.003926
%RSD	2.242309	16.29873	.1912903	4.448521	16.65368	.0441535	.1722594

#1	.0944310	-.019017	1.801649	-.026692	.0027762	82.27544	2.283562
#2	.0984684	-.016031	1.805392	-.027838	.0033882	82.21763	2.277452
#3	.0951531	-.013731	1.808548	-.025466	.0038908	82.28462	2.276237

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059154	.0391165	36.52667	.1365576	.0828032	.3130960	178.0814
Stddev	.0000446	.0001893	.10074	.0012751	.0002168	.0034299	.4035
%RSD	.7540655	.4840651	.2758009	.9337541	.2617830	1.095466	.2265772

#1	.0059110	.0389215	36.41631	.1351542	.0826083	.3163759	177.6155
#2	.0058732	.0391284	36.55000	.1368736	.0827645	.3133786	178.3189
#3	.0059621	.0392997	36.61369	.1376449	.0830366	.3095336	178.3097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.611420	26.16453	.1614975	.0008121	1.191614	.2060407	3.029128
Stddev	.006255	.03233	.0008191	.0002447	.043627	.0058870	.017135
%RSD	.1114637	.1235453	.5071935	30.13037	3.661206	2.857206	.5656583

#1	5.604294	26.12813	.1606278	.0005377	1.231853	.2125364	3.042061
#2	5.613965	26.18990	.1616103	.0010077	1.145246	.2045283	3.009694
#3	5.616001	26.17555	.1622543	.0008908	1.197742	.2010574	3.035627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.52706	14.37073	-.373973	.0157709	4.253539	4.312816	.0469007
Stddev	.03962	.20776	.002623	.0006807	.050344	.023310	.0026211
%RSD	.1758732	1.445691	.7014117	4.316284	1.183583	.5404729	5.588589

#1	22.49225	14.13389	-.371394	.0152718	4.198582	4.285919	.0482762
#2	22.51875	14.45612	-.376638	.0165463	4.264607	4.325388	.0485478
#3	22.57017	14.52219	-.373887	.0154946	4.297428	4.327140	.0438782

Sample Name: I4237-16 Acquired: 7/21/2017 13:28:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.081055	.0738165	.2166624
Stddev	.003131	.0004178	.0002585
%RSD	.2896165	.5659691	.1193000

#1	1.083554	.0739182	.2167748
#2	1.077543	.0741741	.2168456
#3	1.082068	.0733573	.2163667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1094.892	1958.313	48429.54	7550.273	2779.846
Stddev	5.971	3.047	116.86	18.665	3.431
%RSD	.5453723	.1555692	.2413023	.2472143	.1234303

#1	1088.004	1958.142	48353.88	7567.297	2783.575
#2	1098.082	1955.356	48370.60	7530.314	2776.823
#3	1098.591	1961.442	48564.14	7553.207	2779.140

Sample Name: I4237-17 Acquired: 7/21/2017 13:32:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941075	-.014845	1.829999	-.021265	.0046776	82.09997	2.298129
Stddev	.0048258	.001322	.011567	.002230	.0034738	.60130	.011004
%RSD	5.128007	8.902074	.6320778	10.48587	74.26456	.7324047	.4788090

#1	.0886943	-.016336	1.824464	-.019744	.0082577	81.99945	2.300101
#2	.0956691	-.013818	1.822240	-.020225	.0013208	82.74520	2.308013
#3	.0979593	-.014382	1.843294	-.023824	.0044542	81.55527	2.286273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061289	.0390299	36.49111	.1372184	.0823971	.3138066	178.1080
Stddev	.0000706	.0000709	.36631	.0010398	.0002435	.0017259	1.4790
%RSD	1.152548	.1816789	1.003821	.7578006	.2954584	.5500023	.8303779

#1	.0060679	.0391078	36.40243	.1366993	.0824303	.3130628	177.8282
#2	.0062063	.0389692	36.89362	.1365402	.0821387	.3157797	179.7069
#3	.0061125	.0390125	36.17729	.1384156	.0826222	.3125772	176.7890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.600610	26.21181	.1601130	.0010038	1.092823	.2046430	3.056443
Stddev	.048253	.17153	.0011949	.0000669	.052397	.0033220	.024918
%RSD	.8615672	.6543866	.7462678	6.668312	4.794664	1.623294	.8152715

#1	5.591535	26.17418	.1588287	.0009616	1.131136	.2042996	3.031857
#2	5.652756	26.39903	.1611917	.0010810	1.114220	.2081233	3.081681
#3	5.557538	26.06222	.1603187	.0009689	1.033114	.2015061	3.055790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.42645	14.11364	-.374190	.0154548	4.133614	4.325229	.0479212
Stddev	.10369	.03497	.000516	.0001263	.014129	.025676	.0007743
%RSD	.4623554	.2477821	.1377845	.8168979	.3418096	.5936231	1.615711

#1	22.38191	14.07784	-.373741	.0155689	4.118880	4.344104	.0479243
#2	22.54497	14.14771	-.374077	.0153192	4.134914	4.335590	.0471455
#3	22.35247	14.11538	-.374753	.0154762	4.147048	4.295991	.0486940

Sample Name: I4237-17 Acquired: 7/21/2017 13:32:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.085912	.0741498	.2176933
Stddev	.009460	.0006616	.0011642
%RSD	.8711321	.8922273	.5348044

#1	1.087231	.0743178	.2181051
#2	1.094643	.0747111	.2185957
#3	1.075862	.0734204	.2163791

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.562	1948.495	48128.06	7532.696	2769.069
Stddev	5.134	10.389	54.52	56.054	9.085
%RSD	.4773445	.5331692	.1132751	.7441381	.3280796

#1	1071.111	1939.265	48071.90	7514.917	2764.465
#2	1074.397	1959.745	48131.51	7487.687	2779.534
#3	1081.179	1946.474	48180.77	7595.482	2763.209

Sample Name: I4237-18 Acquired: 7/21/2017 13:36:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1644593	.1058171	3.623394	.0577018	.1185996	90.66732	8.002921
Stddev	.0055760	.0024458	.006295	.0024841	.0029206	.17200	.032653
%RSD	3.390504	2.311299	.1737213	4.305055	2.462554	.1897085	.4080186

#1	.1607140	.1043584	3.627734	.0564182	.1154185	90.56537	8.028845
#2	.1708675	.1044522	3.616175	.0605651	.1211599	90.57069	7.966249
#3	.1617965	.1086407	3.626273	.0561221	.1192203	90.86591	8.013671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805206	.1322316	37.43086	.5371584	.9820537	.7741599	193.9564
Stddev	.0000363	.0002513	.10570	.0027859	.0006048	.0012860	.3818
%RSD	.0451064	.1900655	.2823968	.5186417	.0615869	.1661148	.1968447

#1	.0805106	.1324343	37.30885	.5374547	.9813602	.7746677	193.5487
#2	.0805610	.1319504	37.49477	.5342361	.9823291	.7726975	194.0152
#3	.0804905	.1323102	37.48895	.5397843	.9824718	.7751144	194.3054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.416064	26.71719	1.045641	.0401421	1.204638	1.057278	3.781076
Stddev	.014876	.07356	.000664	.0003065	.035161	.009154	.042394
%RSD	.2746717	.2753114	.0634960	.7635079	2.918777	.8658004	1.121216

#1	5.400669	26.76548	1.044899	.0404834	1.239058	1.058019	3.761472
#2	5.417164	26.63253	1.045847	.0398903	1.206075	1.047777	3.829724
#3	5.430361	26.75355	1.046178	.0400526	1.168781	1.066040	3.752031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.74295	14.93908	-.410901	.0174776	3.629582	5.923216	.0406382
Stddev	.02429	.02758	.001683	.0002823	.005881	.015982	.0004544
%RSD	.1068191	.1846302	.4095328	1.615210	.1620338	.2698267	1.118188

#1	22.74097	14.92313	-.410384	.0176261	3.635784	5.918695	.0409150
#2	22.76817	14.97093	-.412782	.0171521	3.628875	5.940971	.0408858
#3	22.71970	14.92317	-.409538	.0176547	3.624086	5.909980	.0401137

Sample Name: I4237-18 Acquired: 7/21/2017 13:36:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6J8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.120885	.0760452	.2471696
Stddev	.002816	.0002251	.0001568
%RSD	.2512031	.2959429	.0634576

#1	1.119968	.0757936	.2472289
#2	1.124045	.0762272	.2469917
#3	1.118642	.0761148	.2472881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.682	1939.613	47739.01	7450.685	2743.385
Stddev	7.904	4.606	241.39	7.569	2.003
%RSD	.7375480	.2374464	.5056475	.1015860	.0729953

#1	1069.934	1942.781	47501.10	7445.200	2744.327
#2	1064.797	1934.330	47732.19	7459.320	2741.085
#3	1080.313	1941.728	47983.74	7447.533	2744.742

Sample Name: I4237-16LX5 Acquired: 7/21/2017 13:41:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206078	-.003288	.3684261	-.001409	-.001472	17.62666	.4884266
Stddev	.0002131	.000965	.0022790	.001352	.001043	.01891	.0011074
%RSD	1.034196	29.35685	.6185710	95.99305	70.84814	.1072571	.2267237

#1	.0207494	-.004119	.3695329	-.002165	-.001308	17.61473	.4893855
#2	.0207113	-.002229	.3658051	.000152	-.002586	17.64846	.4872146
#3	.0203627	-.003517	.3699403	-.002215	-.000520	17.61680	.4886797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013943	.0075319	8.038736	.0305335	.0158389	.0695467	39.94267
Stddev	.0000753	.0000837	.049523	.0006672	.0000743	.0009390	.16482
%RSD	5.402212	1.111593	.6160493	2.185194	.4692611	1.350166	.4126428

#1	.0013367	.0076024	8.008239	.0311741	.0157818	.0700127	39.76186
#2	.0013666	.0074394	8.012092	.0305840	.0158118	.0684658	40.08452
#3	.0014795	.0075540	8.095876	.0298425	.0159229	.0701615	39.98161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253437	5.755193	.0316275	.0001707	.2151490	.0457367	.6629707
Stddev	.002308	.036463	.0004181	.0002014	.0860352	.0018065	.0163112
%RSD	.1841339	.6335727	1.321909	117.9749	39.98866	3.949701	2.460324

#1	1.251013	5.746254	.0320155	-.000059	.1514598	.0446770	.6441374
#2	1.253690	5.724031	.0316823	.000318	.3130226	.0447105	.6722012
#3	1.255608	5.795295	.0311847	.000253	.1809647	.0478225	.6725737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.804637	2.922779	-.083050	.0033724	.8637800	.9944656	.0116004
Stddev	.053540	.011411	.000642	.0008332	.0031366	.0042204	.0009513
%RSD	1.114332	.3904149	.7725380	24.70760	.3631284	.4243922	8.200802

#1	4.771672	2.914590	-.083160	.0024306	.8669514	.9957739	.0116879
#2	4.866412	2.935813	-.082361	.0040136	.8637095	.9897459	.0106084
#3	4.775825	2.917933	-.083630	.0036730	.8606793	.9978768	.0125050

Sample Name: I4237-16LX5 Acquired: 7/21/2017 13:41:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6J8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2363439	.0152447	.0472173
Stddev	.0008286	.0003427	.0001432
%RSD	.3505946	2.248236	.3033156

#1	.2370605	.0155426	.0471678
#2	.2354365	.0148701	.0473787
#3	.2365348	.0153215	.0471053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1057.133	1875.820	45806.83	7034.137	2993.084
Stddev	12.528	10.615	231.70	15.337	10.122
%RSD	1.185076	.5658735	.5058293	.2180339	.3381943

#1	1061.322	1865.955	45893.55	7031.135	2983.672
#2	1043.047	1874.453	45544.28	7020.524	2991.787
#3	1067.029	1887.052	45982.68	7050.753	3003.792

Sample Name: I4237-19 Acquired: 7/21/2017 13:45:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823532	-.015342	1.588922	-.026330	.0063236	88.96765	2.232890
Stddev	.0029843	.001005	.004669	.006494	.0012512	.19801	.005434
%RSD	3.623738	6.550356	.2938348	24.66504	19.78655	.2225641	.2433531

#1	.0798851	-.015904	1.585269	-.019607	.0071277	89.16609	2.238685
#2	.0815046	-.015940	1.587315	-.026816	.0069610	88.96679	2.227910
#3	.0856699	-.014182	1.594182	-.032568	.0048820	88.77007	2.232075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073855	.0739476	54.97888	.1186733	.0842406	.3435836	200.0445
Stddev	.0001196	.0004272	.03305	.0012241	.0002151	.0010511	.3700
%RSD	1.619373	.5777224	.0601095	1.031453	.2553362	.3059108	.1849386

#1	.0072711	.0736536	54.99535	.1177241	.0840103	.3440775	200.3201
#2	.0075097	.0737516	55.00046	.1182409	.0842751	.3423765	200.1893
#3	.0073755	.0744377	54.94084	.1200548	.0844363	.3442967	199.6240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.380586	28.94676	.1650398	.0016269	1.738144	.2585000	5.503556
Stddev	.016589	.17264	.0008650	.0001118	.019326	.0028470	.034933
%RSD	.2247704	.5964008	.5241376	6.873523	1.111902	1.101351	.6347263

#1	7.392543	28.94592	.1644752	.0015254	1.760410	.2595019	5.477530
#2	7.387569	29.11982	.1646086	.0016086	1.725714	.2552876	5.543257
#3	7.361647	28.77455	.1660357	.0017468	1.728309	.2607107	5.489880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.54010	7.865676	-.384224	.0159845	5.723341	3.885898	.0376536
Stddev	.05681	.051553	.004394	.0002687	.033477	.015769	.0014536
%RSD	.2907123	.6554153	1.143732	1.681070	.5849121	.4057988	3.860470

#1	19.60569	7.849599	-.380059	.0156746	5.703280	3.883866	.0387576
#2	19.50679	7.824078	-.383796	.0161259	5.704757	3.871243	.0381965
#3	19.50782	7.923352	-.388816	.0161530	5.761987	3.902584	.0360067

Sample Name: I4237-19 Acquired: 7/21/2017 13:45:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7356988	.0840398	.3891208
Stddev	.0003593	.0007377	.0007188
%RSD	.0488452	.8777837	.1847197

#1	.7357206	.0847601	.3898702
#2	.7360468	.0832858	.3884372
#3	.7353291	.0840734	.3890549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1046.364	1907.837	47022.26	7369.434	2736.841
Stddev	5.678	3.424	136.02	27.373	3.120
%RSD	.5426524	.1794679	.2892668	.3714456	.1139947

#1	1041.414	1907.208	47088.10	7342.916	2737.503
#2	1045.115	1904.771	46865.85	7367.795	2739.577
#3	1052.562	1911.532	47112.84	7397.590	2733.444

Sample Name: I4237-20 Acquired: 7/21/2017 13:49:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464270	-.017980	.3989177	-.022872	.0042809	76.21950	.9071750
Stddev	.0031338	.000491	.0034161	.001829	.0007263	.30271	.0015741
%RSD	6.750032	2.732977	.8563423	7.997575	16.96656	.3971497	.1735185

#1	.0433242	-.018506	.3965506	-.023333	.0049742	76.14604	.9077717
#2	.0463657	-.017902	.4028339	-.020856	.0035256	75.96029	.9053898
#3	.0495910	-.017533	.3973686	-.024426	.0043430	76.55218	.9083635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049304	.0379379	108.2221	.1160274	.0702821	.2742371	154.3671
Stddev	.0001822	.0001172	.6254	.0014243	.0007467	.0013599	.6280
%RSD	3.696172	.3088219	.5778555	1.227549	1.062383	.4958790	.4068194

#1	.0048925	.0378621	108.0347	.1154601	.0694823	.2738599	154.2509
#2	.0051286	.0378787	107.7118	.1176480	.0704031	.2731056	153.8054
#3	.0047701	.0380728	108.9197	.1149742	.0709609	.2757457	155.0451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.242290	63.89421	.1752086	.0004867	1.176209	.2311157	2.460254
Stddev	.028465	.15013	.0003620	.0001530	.054634	.0045747	.039477
%RSD	.5429803	.2349647	.2066332	31.43578	4.644953	1.979387	1.604596

#1	5.244657	63.82014	.1750855	.0003190	1.239155	.2363909	2.471680
#2	5.212715	63.79551	.1756162	.0005223	1.148384	.2287159	2.416324
#3	5.269496	64.06698	.1749242	.0006188	1.141089	.2282402	2.492758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.627267	7.332801	-.323716	.0027240	1.919765	4.836493	.0160470
Stddev	.018270	.066678	.001367	.0002461	.015645	.009552	.0017615
%RSD	.1897745	.9093101	.4221603	9.033767	.8149432	.1974934	10.97719

#1	9.608848	7.259751	-.322154	.0024443	1.901731	4.827287	.0140704
#2	9.627567	7.390391	-.324691	.0029070	1.927860	4.846356	.0166198
#3	9.645385	7.348261	-.324302	.0028209	1.929704	4.835836	.0174509

Sample Name: I4237-20 Acquired: 7/21/2017 13:49:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6X3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.435539	.0803231	.1782703
Stddev	.002410	.0003409	.0003489
%RSD	.1678478	.4244446	.1957023

#1	1.436355	.0804765	.1786369
#2	1.432827	.0805603	.1779424
#3	1.437435	.0799324	.1782317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.645	1900.837	46731.56	7385.791	2683.329
Stddev	17.826	7.275	314.62	12.278	5.785
%RSD	1.691878	.3827268	.6732547	.1662321	.2155863

#1	1038.303	1892.658	46422.09	7371.821	2676.832
#2	1073.200	1903.266	47051.10	7394.868	2687.922
#3	1049.431	1906.586	46721.50	7390.684	2685.232

Sample Name: I4237-21 Acquired: 7/21/2017 13:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625921	-.018577	1.231756	-.023418	.0036391	74.86327	1.284299
Stddev	.0023719	.001318	.008397	.007823	.0031120	.13239	.003284
%RSD	3.789440	7.092364	.6817282	33.40607	85.51568	.1768475	.2556873

#1	.0607359	-.019764	1.224181	-.015274	.0003153	74.80085	1.282991
#2	.0652643	-.017159	1.230301	-.030874	.0064837	75.01533	1.281870
#3	.0617762	-.018808	1.240785	-.024106	.0041182	74.77362	1.288035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057804	.0886192	193.6258	.1206912	.0779979	.5642457	165.5837
Stddev	.0000255	.0005370	.6110	.0004466	.0005730	.0013470	.3954
%RSD	.4417917	.6059210	.3155314	.3700680	.7346235	.2387285	.2387981

#1	.0057557	.0892163	193.8130	.1207381	.0774137	.5654708	165.7993
#2	.0058067	.0881760	194.1211	.1211126	.0780209	.5628032	165.8243
#3	.0057788	.0884654	192.9431	.1202230	.0785590	.5644631	165.1273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.098992	112.3290	.1731520	.0016855	1.459888	.2295633	4.525734
Stddev	.019566	.1283	.0001793	.0001098	.031684	.0038047	.037516
%RSD	.3208076	.1142001	.1035577	6.515181	2.170281	1.657367	.8289546

#1	6.105431	112.4234	.1730053	.0017732	1.428760	.2326473	4.538469
#2	6.114527	112.3807	.1730988	.0015623	1.458802	.2253116	4.555225
#3	6.077018	112.1830	.1733519	.0017211	1.492100	.2307311	4.483508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83926	6.888819	-.350670	.0070232	2.685426	4.218609	.0215550
Stddev	.03835	.016142	.003408	.0006628	.007174	.006170	.0015617
%RSD	.3538516	.2343256	.9718768	9.436815	.2671410	.1462497	7.245247

#1	10.79760	6.875324	-.354408	.0077660	2.679326	4.216144	.0216421
#2	10.87311	6.884431	-.347735	.0064922	2.683624	4.214053	.0199515
#3	10.84709	6.906701	-.349867	.0068115	2.693330	4.225630	.0230713

Sample Name: I4237-21 Acquired: 7/21/2017 13:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.203149	.0793373	.2320042
Stddev	.003407	.0002350	.0004331
%RSD	.2832103	.2961787	.1866821

#1	1.200742	.0791872	.2316497
#2	1.207048	.0792167	.2324869
#3	1.201658	.0796081	.2318760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.819	1852.068	45612.56	7282.643	2594.643
Stddev	5.873	5.047	242.38	22.269	.968
%RSD	.5742044	.2725167	.5313835	.3057760	.0372928

#1	1018.000	1853.766	45357.67	7274.980	2595.243
#2	1021.097	1846.391	45639.90	7265.218	2593.527
#3	1029.361	1856.048	45840.11	7307.732	2595.159

Sample Name: I4237-22 Acquired: 7/21/2017 13:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764514	-.018054	.8822380	-.022380	.0046098	96.62418	2.604405
Stddev	.0019613	.002918	.0027016	.001595	.0014619	.65862	.010251
%RSD	2.565452	16.16076	.3062210	7.128630	31.71234	.6816274	.3936105

#1	.0742887	-.014811	.8835065	-.022885	.0062978	97.00371	2.615940
#2	.0769506	-.020467	.8791356	-.020593	.0037717	95.86367	2.596337
#3	.0781148	-.018883	.8840720	-.023662	.0037599	97.00514	2.600937

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073558	.1386559	82.43653	.1382975	.1179198	.5764333	188.6543
Stddev	.0000460	.0011590	.57402	.0002234	.0004229	.0010987	1.2389
%RSD	.6258159	.8359069	.6963185	.1615098	.3586178	.1906056	.6567098

#1	.0073607	.1376041	82.75938	.1383884	.1174573	.5767943	189.1093
#2	.0073991	.1384652	81.77378	.1380430	.1180153	.5773061	187.2522
#3	.0073074	.1398985	82.77642	.1384610	.1182868	.5751995	189.6014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83638	46.54511	.2618659	.0013241	1.705872	.2830161	6.388039
Stddev	.08818	.22138	.0004236	.0002615	.104805	.0003204	.028229
%RSD	.7449932	.4756346	.1617525	19.75066	6.143785	.1132215	.4419023

#1	11.88371	46.68658	.2613777	.0013904	1.774663	.2832839	6.362248
#2	11.73464	46.28998	.2620853	.0010358	1.585250	.2831033	6.418197
#3	11.89078	46.65876	.2621348	.0015461	1.757702	.2826611	6.383673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.80850	5.781144	-.382511	.0093666	2.654037	5.602977	.0274134
Stddev	.17690	.043967	.002187	.0003322	.019804	.023444	.0008769
%RSD	1.052420	.7605167	.5716895	3.546268	.7461840	.4184123	3.198952

#1	16.87160	5.736886	-.380034	.0091593	2.632663	5.623917	.0264112
#2	16.60870	5.781732	-.383327	.0091908	2.657685	5.577650	.0280396
#3	16.94518	5.824814	-.384173	.0097497	2.671764	5.607363	.0277895

Sample Name: I4237-22 Acquired: 7/21/2017 13:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9769904	.0912419	.3307787
Stddev	.0024659	.0004333	.0004158
%RSD	.2523971	.4748667	.1256977

#1	.9765109	.0916415	.3309067
#2	.9747995	.0913028	.3311155
#3	.9796608	.0907814	.3303140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.479	1916.060	47216.87	7461.373	2671.886
Stddev	6.688	2.326	26.51	28.410	4.558
%RSD	.6312353	.1213788	.0561494	.3807676	.1705879

#1	1065.892	1915.011	47215.93	7444.693	2670.794
#2	1052.547	1918.725	47190.85	7494.177	2676.891
#3	1059.998	1914.444	47243.85	7445.249	2667.973

Sample Name: I4235-20 Acquired: 7/21/2017 14:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670951	-.018990	.4561266	-.026391	.0031423	114.8214	2.243044
Stddev	.0019502	.001924	.0013164	.008484	.0006086	.2338	.004518
%RSD	2.906559	10.12995	.2886118	32.14684	19.36896	.2036032	.2014285

#1	.0666632	-.019653	.4573640	-.025770	.0028986	114.5656	2.239434
#2	.0653971	-.020493	.4547433	-.018235	.0038349	115.0240	2.248111
#3	.0692250	-.016822	.4562725	-.035169	.0026932	114.8745	2.241588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070809	.0298640	61.66006	.1327695	.0783475	.4062309	194.5071
Stddev	.0000649	.0001548	.17229	.0012831	.0004599	.0020346	.7433
%RSD	.9161226	.5182537	.2794111	.9664181	.5870338	.5008511	.3821647

#1	.0070261	.0300266	61.53017	.1324688	.0788176	.4056100	194.0104
#2	.0071525	.0297184	61.59452	.1341762	.0778985	.4085036	194.1492
#3	.0070639	.0298469	61.85550	.1316634	.0783265	.4045790	195.3617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032560	36.77074	.2065017	.0007534	1.758081	.2171004	2.638309
Stddev	.016921	.03873	.0002064	.0002831	.079633	.0015639	.002927
%RSD	.3362220	.1053381	.0999281	37.56942	4.529557	.7203717	.1109385

#1	5.036643	36.76067	.2065219	.0006324	1.711559	.2174935	2.634932
#2	5.013971	36.73803	.2062860	.0005510	1.850032	.2153775	2.640107
#3	5.047065	36.81351	.2066972	.0010769	1.712653	.2184303	2.639888

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.70965	4.335475	-.433632	.0014531	2.070063	3.221441	.0204284
Stddev	.10561	.015512	.002184	.0002758	.006316	.031542	.0003035
%RSD	.5963362	.3577829	.5037592	18.97877	.3050979	.9791408	1.485626

#1	17.58840	4.334178	-.434446	.0015640	2.062782	3.221328	.0200784
#2	17.75896	4.320653	-.431158	.0011391	2.074071	3.253040	.0206192
#3	17.78158	4.351595	-.435293	.0016562	2.073335	3.189955	.0205875

Sample Name: I4235-20 Acquired: 7/21/2017 14:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4274312	.1173622	.4370728
Stddev	.0025445	.0010061	.0011699
%RSD	.5953097	.8572685	.2676623

#1	.4303076	.1179142	.4379969
#2	.4265121	.1179715	.4374641
#3	.4254739	.1162009	.4357574

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.520	1977.291	48379.18	7588.333	2726.686
Stddev	13.930	7.322	209.94	11.669	8.266
%RSD	1.269249	.3702882	.4339491	.1537775	.3031410

#1	1083.097	1973.530	48156.99	7584.125	2719.759
#2	1098.564	1985.729	48406.33	7601.523	2735.836
#3	1110.899	1972.614	48574.23	7579.352	2724.462

Sample Name: I4235-21 Acquired: 7/21/2017 14:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680658	-.020378	.4541825	-.031432	.0016388	114.9308	2.246563
Stddev	.0011227	.002354	.0019271	.000565	.0021112	.0940	.005662
%RSD	1.649491	11.55241	.4242915	1.798317	128.8216	.0817758	.2520387

#1	.0691314	-.018760	.4564077	-.031001	.0005920	114.9227	2.252291
#2	.0681725	-.023079	.4530652	-.032072	.0040688	114.8411	2.240969
#3	.0668935	-.019296	.4530746	-.031224	.0002556	115.0285	2.246427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071693	.0295764	61.29361	.1330974	.0782593	.4064507	193.9051
Stddev	.0001142	.0001968	.28706	.0006938	.0004818	.0007217	.5640
%RSD	1.593358	.6654146	.4683324	.5213117	.6157009	.1775727	.2908825

#1	.0070587	.0297827	61.11504	.1329182	.0787908	.4070792	193.4643
#2	.0072869	.0293907	61.62474	.1338633	.0778512	.4066104	194.5407
#3	.0071622	.0295557	61.14106	.1325107	.0781359	.4056624	193.7102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.022503	36.62395	.2053792	.0008564	1.819189	.2177429	2.611022
Stddev	.016716	.04503	.0004750	.0000820	.009734	.0035611	.002523
%RSD	.3328144	.1229617	.2312947	9.579085	.5350700	1.635453	.0966149

#1	5.005174	36.67212	.2059191	.0009498	1.811661	.2190321	2.608480
#2	5.038529	36.61683	.2051930	.0007962	1.830181	.2204799	2.611059
#3	5.023807	36.58290	.2050255	.0008231	1.815724	.2137168	2.613525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.69007	4.312602	-.433490	.0006236	2.057806	3.137628	.0204920
Stddev	.03158	.030653	.003021	.0001927	.020168	.055189	.0025281
%RSD	.1785077	.7107700	.6968341	30.90495	.9800762	1.758932	12.33712

#1	17.71219	4.346619	-.430192	.0008023	2.075992	3.076629	.0227277
#2	17.65390	4.304061	-.436122	.0006489	2.061310	3.152156	.0209999
#3	17.70410	4.287125	-.434157	.0004194	2.036115	3.184100	.0177485

Sample Name: I4235-21 Acquired: 7/21/2017 14:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4278024	.1179839	.4373188
Stddev	.0015043	.0002960	.0008466
%RSD	.3516259	.2509000	.1935833

#1	.4295385	.1182502	.4380851
#2	.4268876	.1176652	.4364100
#3	.4269810	.1180364	.4374612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1094.484	1978.065	48405.28	7586.193	2733.259
Stddev	7.938	11.571	165.87	5.363	14.012
%RSD	.7252749	.5849632	.3426711	.0706969	.5126390

#1	1085.441	1964.791	48220.61	7586.091	2717.081
#2	1097.712	1986.022	48453.62	7591.607	2741.176
#3	1100.300	1983.382	48541.61	7580.882	2741.520

Sample Name: I4235-22 Acquired: 7/21/2017 14:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1363566	.0989193	.4207080	.0562365	.0592911	115.2876	5.286202
Stddev	.0026881	.0010517	.0021937	.0032016	.0032731	.4088	.003393
%RSD	1.971374	1.063233	.5214319	5.693110	5.520302	.3546210	.0641772

#1	.1365112	.0999957	.4226926	.0536492	.0560130	115.0745	5.288590
#2	.1389641	.0988683	.4210788	.0598170	.0593012	115.0293	5.282319
#3	.1335945	.0978940	.4183525	.0552435	.0625591	115.7589	5.287699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809825	.1216495	53.97914	.5212971	.9724443	.7784320	184.6576
Stddev	.0003752	.0004520	.21794	.0015318	.0026721	.0058771	.7719
%RSD	.4633595	.3715787	.4037444	.2938457	.2747840	.7549914	.4180035

#1	.0805824	.1221199	53.73512	.5197136	.9752188	.7822911	183.8289
#2	.0810385	.1212184	54.15441	.5227713	.9722260	.7716681	184.7879
#3	.0813265	.1216101	54.04788	.5214064	.9698880	.7813367	185.3561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.876941	32.40470	1.059309	.0386761	1.511194	1.050183	3.613012
Stddev	.028049	.21283	.002542	.0003169	.073662	.002675	.037264
%RSD	.4078670	.6567883	.2399491	.8192792	4.874453	.2547315	1.031383

#1	6.848662	32.26190	1.060116	.0383260	1.593685	1.051435	3.644800
#2	6.877406	32.30289	1.061350	.0389434	1.451987	1.052003	3.622232
#3	6.904754	32.64932	1.056462	.0387588	1.487912	1.047111	3.572003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.52527	4.890085	-.389766	.0047499	1.714872	2.913075	.0146119
Stddev	.16094	.048109	.003363	.0004940	.014684	.012368	.0018238
%RSD	.7841095	.9837990	.8628061	10.40083	.8562534	.4245693	12.48129

#1	20.48354	4.938451	-.387402	.0052269	1.718993	2.920996	.0131934
#2	20.38931	4.842238	-.393616	.0047824	1.727055	2.919406	.0139733
#3	20.70297	4.889566	-.388279	.0042404	1.698568	2.898823	.0166691

Sample Name: I4235-22 Acquired: 7/21/2017 14:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6466989	.1086796	.4341228
Stddev	.0018860	.0004518	.0005371
%RSD	.2916276	.4157416	.1237286

#1	.6453721	.1091431	.4346933
#2	.6458667	.1086553	.4340483
#3	.6488578	.1082404	.4336268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1089.031	1957.425	47756.07	7464.247	2728.697
Stddev	11.012	5.536	112.99	11.765	12.733
%RSD	1.011142	.2827998	.2365904	.1576158	.4666356

#1	1076.395	1951.683	47625.82	7467.275	2714.138
#2	1096.577	1962.728	47827.65	7474.202	2734.202
#3	1094.121	1957.862	47814.76	7451.264	2737.752

Sample Name: I4235-20LX5 Acquired: 7/21/2017 14:13:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186155	-.003251	.0910694	-.006377	.0003168	24.85319	.4891085
Stddev	.0024837	.002576	.0020424	.000935	.0016062	.17656	.0037397
%RSD	13.34200	79.23617	2.242670	14.66679	507.0843	.7104151	.7646021

#1	.0162710	-.006199	.0932505	-.005619	.0007876	24.96904	.4917477
#2	.0212181	-.002117	.0907558	-.006089	-.001472	24.64998	.4848289
#3	.0183573	-.001437	.0892021	-.007422	.001635	24.94056	.4907489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017504	.0054903	13.69400	.0309256	.0149973	.0899514	44.31990
Stddev	.0000191	.0000915	.02539	.0011693	.0001064	.0003487	.20525
%RSD	1.092650	1.665741	.1853934	3.780960	.7092932	.3876612	.4630995

#1	.0017623	.0055730	13.69149	.0322699	.0148793	.0900809	44.39729
#2	.0017606	.0053921	13.66996	.0301444	.0150859	.0895564	44.08721
#3	.0017284	.0055059	13.72055	.0303626	.0150267	.0902168	44.47519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.137271	8.162689	.0414739	.0002043	.4118714	.0454220	.5701778
Stddev	.004958	.088518	.0005118	.0001368	.0215223	.0017862	.0101103
%RSD	.4359159	1.084420	1.233952	66.94539	5.225479	3.932538	1.773190

#1	1.135530	8.236038	.0420045	.0003434	.3872268	.0451006	.5654474
#2	1.133418	8.064367	.0414339	.0000699	.4214207	.0473471	.5817861
#3	1.142864	8.187661	.0409833	.0001996	.4269667	.0438182	.5632998

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.992775	.8696182	-.098832	-.000068	.4239885	.5366759	.0043601
Stddev	.033577	.0077025	.001406	.000093	.0043748	.0044375	.0003744
%RSD	.8409395	.8857391	1.422682	136.7039	1.031816	.8268461	8.587396

#1	3.994498	.8623113	-.098741	-.000071	.4275453	.5322438	.0041154
#2	3.958370	.8688800	-.097474	-.000159	.4253165	.5366653	.0047911
#3	4.025457	.8776633	-.100282	.000026	.4191035	.5411187	.0041738

Sample Name: I4235-20LX5 Acquired: 7/21/2017 14:13:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6T3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0872172	.0252238	.0962503
Stddev	.0007486	.0005552	.0006341
%RSD	.8583339	2.201175	.6588544

#1	.0867475	.0257949	.0966947
#2	.0868237	.0246859	.0955241
#3	.0880805	.0251905	.0965321

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.228	1901.112	45650.03	6986.421	2990.858
Stddev	4.586	1.102	264.71	44.645	3.036
%RSD	.4325646	.0579843	.5798728	.6390183	.1015218

#1	1065.521	1901.427	45507.22	6943.155	2988.316
#2	1057.441	1902.023	45487.39	7032.327	2990.037
#3	1057.721	1899.887	45955.48	6983.779	2994.220

Sample Name: PB100798BL Acquired: 7/21/2017 14:17:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0025158	-.002462	-.002239	-.000665	-.002301	.0047209	.0004073
Stddev	.0034334	.001531	.001311	.000786	.000861	.0023024	.0001093
%RSD	136.4728	62.18953	58.57552	118.2998	37.42791	48.77136	26.84362

#1	-.001281	-.000709	-.002226	-.001451	-.003247	.0029012	.0005266
#2	.003427	-.003138	-.000934	.000121	-.001562	.0039520	.0003120
#3	.005402	-.003538	-.003557	-.000664	-.002094	.0073094	.0003831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000100	.0047946	-.000895	-.000104	.0008443	-.000228
Stddev	.000056	.000124	.0016741	.000180	.000147	.0011493	.008574
%RSD	383.9913	123.5327	34.91716	20.09826	141.2088	136.1263	3762.045

#1	-.000075	.000022	.0048767	-.000688	-.000226	.0009077	.007324
#2	.000036	-.000098	.0064262	-.000978	-.000145	.0019607	-.009548
#3	-.000005	-.000226	.0030810	-.001017	.000059	-.000335	.001541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001753	-.009243	.0000135	.0001812	-.063037	-.002113	.0093027
Stddev	.0005326	.029328	.0001757	.0002580	.095731	.000503	.0119214
%RSD	303.7873	317.2992	1304.882	142.4167	151.8644	23.78864	128.1500

#1	-.000251	-.000857	-.000143	-.000053	-.112858	-.001657	.0057795
#2	.000005	-.041851	.000204	.000458	-.123583	-.002653	-.000460
#3	.000772	.014979	-.000021	.000139	.047330	-.002030	.022589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301516	-.002597	-.001197	.0000551	.0049667	-.000389	-.000157
Stddev	.0185213	.001607	.000808	.0000581	.0018746	.000469	.000691
%RSD	61.42726	61.88947	67.46453	105.4748	37.74332	120.4792	440.7002

#1	.0098674	-.003280	-.000420	-.000006	.0055038	.000149	-.000532
#2	.0461633	-.000761	-.002032	.000110	.0065140	-.000712	.000641
#3	.0344239	-.003750	-.001140	.000061	.0028821	-.000605	-.000579

Sample Name: PB100798BL Acquired: 7/21/2017 14:17:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	-.000985	-.000262	-.000069
Stddev	.000263	.000335	.000024
%RSD	26.74684	127.6936	34.33543

#1	-.000724	-.000642	-.000042
#2	-.000980	-.000007	-.000079
#3	-.001251	-.000138	-.000087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.534	1882.426	45719.80	6881.451	3070.113
Stddev	11.276	4.579	156.78	41.911	8.306
%RSD	1.061242	.2432292	.3429067	.6090381	.2705572

#1	1052.005	1877.200	45574.73	6835.718	3061.490
#2	1061.164	1885.732	45698.54	6890.609	3078.062
#3	1074.432	1884.345	45886.11	6918.025	3070.787

Sample Name: PB100798BS Acquired: 7/21/2017 14:21:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0163501	.0465280	.0194594	.0703311	.1182430	.3914667
Stddev	.0009650	.0010193	.0011215	.0029802	.0002381	.0051135
%RSD	5.901996	2.190665	5.763014	4.237338	.2013874	1.306255

#1	.0174269	.0475995	.0183474	.0669986	.1181570	.3916981
#2	.0155636	.0464138	.0194408	.0712542	.1180597	.3862414
#3	.0160597	.0455706	.0205901	.0727405	.1185121	.3964606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3640285	.0081668	.0097003	9.565573	.0229411	.0834077
Stddev	.0008741	.0001117	.0000508	.024410	.0005144	.0002229
%RSD	.2401182	1.367178	.5239042	.2551816	2.242377	.2671778

#1	.3641207	.0081188	.0097046	9.548005	.0231641	.0832592
#2	.3648528	.0082944	.0096475	9.555271	.0233063	.0832999
#3	.3631119	.0080871	.0097489	9.593445	.0223527	.0836639

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501817	.2160243	.0326673	9.653448	.0667016	.0173802
Stddev	.0003487	.0045520	.0002186	.023613	.0000943	.0001083
%RSD	.6949372	2.107157	.6690809	.2446052	.1413604	.6232867

#1	.0499554	.2140820	.0329123	9.664260	.0668071	.0174964
#2	.0500063	.2212252	.0325972	9.626365	.0666256	.0172820
#3	.0505833	.2127657	.0324924	9.669719	.0666722	.0173621

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.946354	.0883744	.1541622	9.226199	F .0320730	F .0197312
Stddev	.034067	.0037399	.0143385	.026843	.0012798	.0006734
%RSD	.3425070	4.231845	9.300922	.2909456	3.990312	3.413030

#1	9.980159	.0860666	.1455013	9.196422	.0325293	.0190526
#2	9.946873	.0863674	.1707128	9.233634	.0306276	.0197416
#3	9.912031	.0926894	.1462723	9.248542	.0330621	.0203993

Sample Name: PB100798BS Acquired: 7/21/2017 14:21:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) 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	.0226686	.1485697	.1824477	F .0129313	.1987873	.1004878
Stddev	.0003035	.0046788	.0020449	.0007384	.0011948	.0007629
%RSD	1.338708	3.149210	1.120837	5.709977	.6010261	.7591891

#1	.0226809	.1515182	.1810502	.0135190	.1977895	.1013293
#2	.0223592	.1431749	.1847948	.0131724	.1984611	.0998416
#3	.0229658	.1510159	.1814981	.0121026	.2001112	.1002924

Elem	Sr4077
Units	ppm
Avg	.2004232
Stddev	.0006534
%RSD	.3259956

#1	.2008564
#2	.2007414
#3	.1996716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	995.9313	1774.332	44015.00	6789.380	2956.280
Stddev	7.0680	4.332	173.32	30.182	1.418
%RSD	.7096898	.2441360	.3937744	.4445545	.0479630

#1	988.4569	1769.734	43863.56	6760.743	2954.658
#2	996.8301	1774.927	43977.42	6786.496	2957.284
#3	1002.507	1778.336	44204.03	6820.901	2956.899

Sample Name: CCV011 Acquired: 7/21/2017 14:31:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.822969	4.501283	23.27017	4.661893	4.744028	381.6805
Stddev	.085830	.062626	.34131	.080060	.077555	1.0566
%RSD	1.779616	1.391303	1.466747	1.717320	1.634796	.2768261

#1	4.837212	4.509821	23.26267	4.666025	4.751316	382.6586
#2	4.900787	4.559202	23.61517	4.739806	4.817682	380.5599
#3	4.730909	4.434825	22.93267	4.579847	4.663086	381.8231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.542384	F .4491504	2.328300	373.6275	13.98919	2.393036
Stddev	.029853	.0027676	.037109	1.8452	.01128	.038709
%RSD	.3128515	.6161835	1.593840	.4938717	.0806021	1.617560

#1	9.515254	.4460187	2.321120	373.2730	13.97642	2.389668
#2	9.574366	.4512674	2.368475	371.9853	13.99775	2.433318
#3	9.537533	.4501652	2.295305	375.6243	13.99341	2.356121

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.30459	373.9434	13.89967	379.0254	2.320556	1.262087
Stddev	.07515	1.5072	.06368	1.5798	.039403	.004092
%RSD	.5253399	.4030495	.4581591	.4167931	1.698009	.3242446

#1	14.37917	373.9299	13.89727	379.2746	2.317442	1.266802
#2	14.30572	372.4430	13.83722	377.3358	2.361424	1.259990
#3	14.22889	375.4573	13.96452	380.4657	2.282802	1.259468

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	382.5695	2.271713	15.44617	146.8833	4.833135	F 3.999933
Stddev	1.4518	.008568	.11689	.4415	.077142	.013224
%RSD	.3794936	.3771569	.7567343	.3005710	1.596096	.3305962

#1	384.2238	2.264375	15.34465	147.3685	4.842499	3.984805
#2	381.5071	2.269637	15.41990	146.7759	4.905167	4.009294
#3	381.9777	2.281129	15.57395	146.5053	4.751739	4.005700

Sample Name: CCV011 Acquired: 7/21/2017 14:31:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.721285	4.739595	4.581169	4.557212	4.658146	4.914839
Stddev	.069825	.073615	.013021	.063151	.008542	.029557
%RSD	1.478950	1.553199	.2842312	1.385737	.1833844	.6013878

#1	4.717372	4.740695	4.567963	4.556081	4.664406	4.945892
#2	4.792984	4.812654	4.581547	4.620921	4.661617	4.911579
#3	4.653498	4.665435	4.593997	4.494634	4.648414	4.887048

Elem	Sr4077
Units	ppm
Avg	4.789130
Stddev	.019158
%RSD	.4000320

#1	4.786492
#2	4.771428
#3	4.809471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	837.3480	1555.430	37732.14	6246.983	2196.486
Stddev	2.2399	19.581	187.05	6.982	29.406
%RSD	.2675019	1.258875	.4957285	.1117684	1.338793

#1	838.9343	1552.965	37516.19	6239.879	2195.700
#2	834.7856	1537.198	37843.17	6253.836	2167.481
#3	838.3240	1576.126	37837.07	6247.234	2226.278

Sample Name: CCB011 Acquired: 7/21/2017 14:35:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001087	-.000628	.0003652	-.000745	-.001809	.0014339
Stddev	.001322	.000909	.0007439	.001499	.000903	.0021481
%RSD	121.6298	144.6110	203.6927	201.1521	49.93011	149.8144

#1	-.000220	-.000406	-.000375	-.001370	-.001730	.0005928
#2	-.000432	-.001628	.000358	-.001831	-.000947	.0038752
#3	-.002609	.000149	.001113	.000965	-.002748	-.000167

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004761	.0000315	-.000009	.0116886	-.000467	-.000335
Stddev	.0001834	.0000460	.000180	.0065503	.000074	.000131
%RSD	38.51545	145.7770	1956.578	56.04019	15.93479	39.08370

#1	.0005404	.0000515	-.000190	.0192483	-.000488	-.000232
#2	.0002693	-.000021	-.000006	.0076977	-.000384	-.000482
#3	.0006187	.000064	.000169	.0081198	-.000528	-.000291

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014962	.0065919	.0005720	.0057762	.0000735	.0000831
Stddev	.0004943	.0093367	.0002869	.0640514	.0001343	.0003192
%RSD	33.03328	141.6393	50.16487	1108.881	182.6489	384.1731

#1	.0009331	.0115627	.0005475	.0527061	.0000746	.0003683
#2	.0016974	.0123915	.0002980	.0318165	-.000061	-.000262
#3	.0018582	-.004179	.0008703	-.067194	.000207	.000143

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136581	-.003139	.0209495	.0852381	-.000539	F .0122008
Stddev	.0770268	.001941	.0063424	.0255054	.002706	.0001454
%RSD	563.9651	61.84755	30.27455	29.92250	502.1968	1.191695

#1	.1018735	-.003194	.0246238	.0880780	.000856	.0121015
#2	-.020617	-.005052	.0136260	.0584316	-.003657	.0123677
#3	-.040282	-.001171	.0245987	.1092046	.001184	.0121334

Sample Name: CCB011 Acquired: 7/21/2017 14:35:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010283	-.000566	-.000156	.0005406	-.001279	.0010075
Stddev	.0002745	.000486	.000980	.0007451	.000676	.0003019
%RSD	26.69598	85.90144	628.2142	137.8279	52.84983	29.96305

#1	.0013057	-.000071	.000892	-.000234	-.002058	.0013292
#2	.0010226	-.001042	-.000310	.001252	-.000868	.0007305
#3	.0007568	-.000585	-.001050	.000604	-.000909	.0009626

Elem	Sr4077
Units	ppm
Avg	.0000323
Stddev	.0000079
%RSD	24.43830

#1	.0000240
#2	.0000332
#3	.0000397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.219	1872.950	45629.49	6922.412	3066.096
Stddev	4.001	4.096	160.30	12.183	4.369
%RSD	.3781104	.2187095	.3513010	.1759934	.1424804

#1	1059.115	1873.524	45747.95	6936.324	3062.617
#2	1053.845	1868.597	45447.09	6917.264	3064.672
#3	1061.696	1876.730	45693.42	6913.648	3070.999

Sample Name: I4239-01 Acquired: 7/21/2017 14:39:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909911	-.019159	2.262389	-.030402	.0123373	74.40050	2.248790
Stddev	.0033936	.003164	.006764	.003031	.0019199	.26965	.005570
%RSD	3.729534	16.51648	.2989890	9.968865	15.56217	.3624252	.2476708

#1	.0871085	-.017723	2.256828	-.028482	.0142597	74.62616	2.254380
#2	.0924740	-.016967	2.260420	-.028828	.0104198	74.47346	2.248749
#3	.0933909	-.022787	2.269919	-.033896	.0123324	74.10188	2.243241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066648	.0712066	58.45398	.1439322	.0679817	.4478157	216.6125
Stddev	.0001054	.0003477	.22272	.0014354	.0002831	.0032854	.9061
%RSD	1.581835	.4882726	.3810135	.9972775	.4164770	.7336502	.4183225

#1	.0066230	.0708067	58.64959	.1455072	.0678833	.4515365	217.4444
#2	.0067847	.0713754	58.50077	.1426975	.0677609	.4465958	216.7462
#3	.0065867	.0714376	58.21159	.1435920	.0683009	.4453146	215.6470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.085167	25.78410	.1691540	.0024479	1.423683	.1984108	5.549977
Stddev	.015735	.14583	.0008621	.0001087	.040916	.0019425	.042877
%RSD	.3851740	.5655959	.5096544	4.439379	2.873945	.9790412	.7725545

#1	4.099151	25.88907	.1683110	.0025734	1.467250	.2006446	5.530904
#2	4.088222	25.84566	.1700340	.0023850	1.386072	.1974695	5.599081
#3	4.068129	25.61758	.1691169	.0023854	1.417726	.1971182	5.519947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.21779	19.62487	-.435942	.0201932	7.339676	2.723807	.1090428
Stddev	.09602	.06384	.003108	.0001468	.033678	.021197	.0007709
%RSD	.4321655	.3253151	.7130199	.7272077	.4588537	.7782003	.7070127

#1	22.30205	19.55276	-.439368	.0200535	7.306914	2.746643	.1097287
#2	22.23807	19.64766	-.435156	.0201799	7.337912	2.720016	.1091912
#3	22.11325	19.67419	-.433302	.0203463	7.374202	2.704761	.1082084

Sample Name: I4239-01 Acquired: 7/21/2017 14:39:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9527498	.0707573	.2778373
Stddev	.0052637	.0005350	.0011301
%RSD	.5524706	.7561670	.4067329

#1	.9569579	.0710268	.2790370
#2	.9544438	.0711040	.2776817
#3	.9468477	.0701411	.2767930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.077	1847.524	46099.54	7280.802	2703.440
Stddev	3.862	14.574	83.43	54.578	11.570
%RSD	.3801040	.7888352	.1809713	.7496188	.4279673

#1	1016.946	1830.928	46094.72	7228.773	2690.726
#2	1011.854	1858.237	46018.62	7276.018	2713.352
#3	1019.431	1853.406	46185.26	7337.615	2706.241

Sample Name: I4239-02 Acquired: 7/21/2017 14:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0898029	-.016790	2.011267	-.027426	.0067041	68.87628	2.567223
Stddev	.0036003	.001358	.006743	.001357	.0014228	.27279	.006203
%RSD	4.009070	8.090137	.3352607	4.947464	21.22351	.3960518	.2416167

#1	.0878809	-.015434	2.005937	-.026041	.0064132	69.06643	2.573005
#2	.0875715	-.016786	2.009016	-.028753	.0082499	68.99869	2.567994
#3	.0939563	-.018151	2.018847	-.027484	.0054492	68.56373	2.560671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062944	.0569188	52.66419	.1449653	.0594920	.4474252	202.8626
Stddev	.0000954	.0006971	.12710	.0015809	.0005652	.0026779	.6226
%RSD	1.515770	1.224746	.2413476	1.090517	.9500072	.5985110	.3069098

#1	.0063390	.0568573	52.51931	.1463246	.0589077	.4476785	202.5751
#2	.0063593	.0562545	52.75695	.1453409	.0595323	.4499674	203.5770
#3	.0061848	.0576447	52.71630	.1432305	.0600359	.4446296	202.4356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.481144	24.77686	.1448232	.0024345	1.390706	.1914799	4.526958
Stddev	.006564	.15322	.0002765	.0002091	.008351	.0016615	.065384
%RSD	.1885558	.6183865	.1909315	8.590732	.6005217	.8677231	1.444335

#1	3.485841	24.75259	.1446817	.0023220	1.389826	.1896618	4.476516
#2	3.483947	24.94076	.1451418	.0023056	1.399463	.1929196	4.600829
#3	3.473644	24.63722	.1446460	.0026758	1.382829	.1918583	4.503528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.23006	18.00803	-.381480	.0339081	12.32511	2.510559	.0731998
Stddev	.10958	.09794	.003685	.0003374	.06834	.021012	.0032125
%RSD	.5416501	.5438652	.9659175	.9949589	.5545171	.8369598	4.388702

#1	20.30392	17.91227	-.385490	.0335579	12.24832	2.517357	.0705005
#2	20.28210	18.10801	-.380709	.0342310	12.37926	2.527331	.0767530
#3	20.10416	18.00381	-.378242	.0339353	12.34776	2.486990	.0723458

Sample Name: I4239-02 Acquired: 7/21/2017 14:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9587908	.0654172	.2659548
Stddev	.0025646	.0007996	.0007711
%RSD	.2674789	1.222241	.2899452

#1	.9585026	.0661323	.2663420
#2	.9614872	.0655654	.2664555
#3	.9563824	.0645539	.2650668

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.7956	1811.690	45656.76	7223.320	2714.285
Stddev	5.1258	4.176	210.74	45.220	2.902
%RSD	.5142290	.2304832	.4615846	.6260299	.1069010

#1	998.0946	1808.127	45622.78	7190.440	2712.754
#2	991.1453	1816.285	45465.07	7204.631	2717.631
#3	1001.147	1810.658	45882.43	7274.889	2712.469

Sample Name: I4239-03 Acquired: 7/21/2017 14:47:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016501	-.018702	1.593288	-.025347	.0062217	86.61524	2.111392
Stddev	.0043097	.002755	.004293	.002720	.0017461	.44267	.010972
%RSD	4.239705	14.73290	.2694606	10.72951	28.06465	.5110794	.5196787

#1	.1050052	-.017054	1.598218	-.023820	.0049407	86.98371	2.117979
#2	.1031555	-.021882	1.590368	-.028487	.0082106	86.73780	2.117472
#3	.0967897	-.017168	1.591280	-.023735	.0055137	86.12420	2.098726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063016	.0418374	44.60913	.1392085	.0782033	.3433117	191.5611
Stddev	.0000522	.0001742	.22159	.0004427	.0007729	.0024738	.7299
%RSD	.8277165	.4163020	.4967445	.3179865	.9882929	.7205662	.3810159

#1	.0063507	.0417120	44.85582	.1390158	.0773419	.3424999	192.4005
#2	.0063075	.0417640	44.42696	.1388949	.0788361	.3460894	191.0762
#3	.0062468	.0420363	44.54461	.1397149	.0784317	.3413458	191.2065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812838	26.90352	.1649084	.0011055	1.284715	.2155430	3.270144
Stddev	.016519	.08899	.0006769	.0000924	.027838	.0009562	.037702
%RSD	.3432367	.3307608	.4104660	8.362264	2.166871	.4436060	1.152923

#1	4.831647	26.99258	.1656729	.0012110	1.316858	.2166420	3.228524
#2	4.800685	26.81461	.1646669	.0010670	1.268984	.2150854	3.279896
#3	4.806182	26.90336	.1643854	.0010386	1.268304	.2149016	3.302013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.17952	18.38882	-.409028	.0150986	3.883857	5.321912	.0299310
Stddev	.08087	.10818	.003411	.0002081	.015473	.040576	.0020025
%RSD	.3489046	.5882878	.8338254	1.378538	.3983904	.7624262	6.690469

#1	23.13715	18.51370	-.412451	.0149072	3.901550	5.357911	.0278122
#2	23.27277	18.32907	-.409002	.0153201	3.872861	5.329883	.0317923
#3	23.12862	18.32370	-.405630	.0150683	3.877160	5.277942	.0301885

Sample Name: I4239-03 Acquired: 7/21/2017 14:47:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6J9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.076045	.0776491	.2434603
Stddev	.004038	.0004673	.0007723
%RSD	.3753016	.6018596	.3172164

#1	1.080702	.0781649	.2439493
#2	1.073918	.0772538	.2438617
#3	1.073514	.0775286	.2425700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.435	1947.120	47851.34	7574.874	2723.914
Stddev	7.628	6.342	131.72	38.536	8.679
%RSD	.7159212	.3257305	.2752723	.5087299	.3186271

#1	1060.937	1940.408	47699.48	7532.469	2714.470
#2	1074.242	1947.940	47934.66	7584.399	2725.730
#3	1061.127	1953.013	47919.87	7607.754	2731.541

Sample Name: I4239-04 Acquired: 7/21/2017 14:51:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672837	-.017710	.2619224	-.026763	.0038917	106.1535	2.386019
Stddev	.0045591	.002245	.0014475	.007145	.0019064	.2029	.005067
%RSD	6.775972	12.67645	.5526332	26.69582	48.98530	.1911576	.2123796

#1	.0703846	-.020273	.2634726	-.034981	.0026632	106.1980	2.389619
#2	.0694175	-.016763	.2616883	-.022027	.0060878	106.3304	2.380224
#3	.0620489	-.016094	.2606062	-.023280	.0029241	105.9320	2.388214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071274	.0399954	58.01755	.1324688	.1270532	.2575670	183.9506
Stddev	.0001503	.0004287	.18631	.0023854	.0003953	.0006827	.7398
%RSD	2.108511	1.071876	.3211319	1.800754	.3111571	.2650381	.4021671

#1	.0072724	.0402466	58.02011	.1343772	.1272698	.2569891	184.0225
#2	.0069724	.0402393	58.20258	.1297945	.1272929	.2583202	184.6518
#3	.0071373	.0395004	57.82998	.1332348	.1265969	.2573915	183.1775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82559	39.03437	.2313581	.0007882	1.889518	.2742858	2.383821
Stddev	.02383	.04371	.0011947	.0004162	.042604	.0042631	.015813
%RSD	.2200898	.1119887	.5163949	52.80109	2.254770	1.554235	.6633462

#1	10.82008	39.01033	.2327135	.0010260	1.857328	.2781088	2.367804
#2	10.85169	39.08483	.2309034	.0010310	1.937831	.2750600	2.399422
#3	10.80500	39.00796	.2304576	.0003077	1.873394	.2696888	2.384238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.79643	4.184736	-.399936	.0026257	1.422621	4.577176	.0078052
Stddev	.07484	.058030	.003451	.0007093	.017065	.018299	.0004869
%RSD	.4737852	1.386718	.8628216	27.01539	1.199540	.3997869	6.238819

#1	15.77978	4.244889	-.402984	.0023070	1.439128	4.583302	.0080843
#2	15.73131	4.180229	-.396189	.0034385	1.423686	4.556600	.0072429
#3	15.87819	4.129091	-.400634	.0021316	1.405048	4.591626	.0080884

Sample Name: I4239-04 Acquired: 7/21/2017 14:51:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6813213	.1070774	.3640612
Stddev	.0031999	.0004890	.0002965
%RSD	.4696664	.4566294	.0814339

#1	.6847403	.1074971	.3639471
#2	.6808251	.1065405	.3643978
#3	.6783984	.1071946	.3638387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.597	1939.149	47397.30	7500.077	2708.370
Stddev	3.074	7.643	102.64	23.954	11.918
%RSD	.2881777	.3941250	.2165623	.3193835	.4400487

#1	1063.343	1930.333	47312.58	7501.836	2696.115
#2	1066.999	1943.891	47511.44	7475.292	2709.074
#3	1069.450	1943.224	47367.88	7523.103	2719.920

Sample Name: I4239-05 Acquired: 7/21/2017 14:55:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643088	-.023220	1.731406	-.036190	.0064231	104.6303	1.674450
Stddev	.0036924	.001844	.009579	.001503	.0013751	.3148	.008976
%RSD	5.741674	7.942980	.5532602	4.154136	21.40863	.3008420	.5360457

#1	.0636463	-.023098	1.729914	-.035654	.0077427	104.8587	1.684659
#2	.0682877	-.025122	1.722661	-.035029	.0049986	104.2713	1.667796
#3	.0609926	-.021439	1.741644	-.037888	.0065280	104.7610	1.670895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068508	.0759368	255.6005	.1427618	.0829349	.4044988	217.8939
Stddev	.0000774	.0003860	1.4412	.0014127	.0002297	.0013535	.4189
%RSD	1.130244	.5083483	.5638313	.9895252	.2770086	.3346055	.1922614

#1	.0069368	.0755760	253.9962	.1437513	.0830334	.4051930	217.4338
#2	.0067867	.0758905	256.0195	.1433901	.0826723	.4029391	218.2532
#3	.0068289	.0763439	256.7856	.1411440	.0830989	.4053643	217.9948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.898632	84.52227	.1901254	.0014912	1.723991	.2469285	7.971807
Stddev	.023589	.14036	.0009623	.0001693	.020251	.0044663	.030755
%RSD	.3999018	.1660616	.5061227	11.35446	1.174660	1.808725	.3857986

#1	5.872839	84.42475	.1911956	.0014431	1.727391	.2460313	7.949855
#2	5.903947	84.45891	.1893315	.0013512	1.702255	.2517752	8.006958
#3	5.919109	84.68313	.1898492	.0016794	1.742326	.2429789	7.958606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.63144	16.14701	-.426878	.0119478	3.786287	10.26569	.0283382
Stddev	.05483	.04566	.000940	.0000840	.016511	.02959	.0019957
%RSD	.2793114	.2827647	.2202464	.7032359	.4360698	.2881938	7.042506

#1	19.67877	16.15948	-.427450	.0119201	3.770758	10.23153	.0306212
#2	19.57136	16.09642	-.425793	.0120422	3.784473	10.28310	.0269249
#3	19.64421	16.18514	-.427392	.0118812	3.803630	10.28244	.0274684

Sample Name: I4239-05 Acquired: 7/21/2017 14:55:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9053573	.1039988	.4567930
Stddev	.0006470	.0003760	.0014213
%RSD	.0714644	.3615421	.3111447

#1	.9060374	.1044174	.4581112
#2	.9047495	.1036896	.4552872
#3	.9052849	.1038895	.4569804

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.9828	1789.137	44168.35	7057.316	2497.401
Stddev	3.1030	4.991	107.16	8.872	3.077
%RSD	.3163138	.2789406	.2426130	.1257128	.1232056

#1	978.9033	1786.200	44087.61	7047.113	2494.499
#2	984.5494	1786.311	44127.52	7063.214	2500.627
#3	979.4956	1794.899	44289.92	7061.621	2497.076

Sample Name: I4239-06 Acquired: 7/21/2017 14:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629018	-.019120	2.106974	-.029363	.0064900	95.57943	1.744667
Stddev	.0032054	.000922	.011646	.002478	.0030570	.06051	.001639
%RSD	5.095933	4.824009	.5527567	8.440083	47.10386	.0633135	.0939414

#1	.0660181	-.018827	2.099897	-.026546	.0054083	95.57662	1.746324
#2	.0596141	-.020153	2.100609	-.031208	.0099407	95.64129	1.743047
#3	.0630733	-.018379	2.120416	-.030335	.0041208	95.52036	1.744631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065636	.0841640	245.4041	.1374167	.0906856	.3970510	190.8859
Stddev	.0000639	.0003744	.6332	.0007701	.0006939	.0005853	.4737
%RSD	.9730098	.4447992	.2580257	.5604326	.7651334	.1474223	.2481497

#1	.0066360	.0838483	244.7128	.1369178	.0912271	.3977108	190.5536
#2	.0065400	.0840661	245.5435	.1383036	.0899034	.3968482	191.4283
#3	.0065150	.0845776	245.9559	.1370286	.0909262	.3965940	190.6758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.233726	97.83294	.2035841	.0016686	1.379483	.2417720	7.207526
Stddev	.009165	.27900	.0013625	.0001537	.057536	.0021964	.048062
%RSD	.1470182	.2851836	.6692462	9.211693	4.170851	.9084730	.6668351

#1	6.224324	97.51876	.2023368	.0016899	1.386882	.2435996	7.262689
#2	6.234218	97.92832	.2033775	.0018106	1.318605	.2393353	7.185208
#3	6.242634	98.05176	.2050382	.0015054	1.432962	.2423812	7.174679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.85744	11.61623	-.395128	.0143495	4.214698	5.843964	.0345475
Stddev	.03940	.11645	.000525	.0001473	.051767	.015741	.0027702
%RSD	.2206566	1.002509	.1328314	1.026571	1.228250	.2693572	8.018624

#1	17.81219	11.57240	-.395664	.0141986	4.188354	5.826364	.0333727
#2	17.87586	11.52806	-.394615	.0143569	4.181402	5.848828	.0325583
#3	17.88425	11.74824	-.395104	.0144929	4.274339	5.856698	.0377116

Sample Name: I4239-06 Acquired: 7/21/2017 14:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9191066	.0976926	.4186453
Stddev	.0006879	.0004473	.0003445
%RSD	.0748474	.4578106	.0822850

#1	.9186883	.0981935	.4185610
#2	.9187310	.0975508	.4190241
#3	.9199006	.0973333	.4183508

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.0405	1816.754	44684.43	7169.978	2515.758
Stddev	5.3352	10.863	271.78	13.244	13.217
%RSD	.5399767	.5979162	.6082218	.1847171	.5253853

#1	981.9841	1825.181	44555.46	7155.490	2519.879
#2	990.0919	1820.585	44501.15	7172.980	2526.424
#3	992.0454	1804.495	44996.69	7181.463	2500.971

Sample Name: I4239-07 Acquired: 7/21/2017 15:03:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0751904	-.020681	2.185882	-.030195	.0060590	88.93242	1.826821
Stddev	.0027867	.002711	.008492	.003754	.0015523	.30959	.006591
%RSD	3.706172	13.10946	.3884740	12.43132	25.62011	.3481208	.3607807

#1	.0775026	-.018332	2.189173	-.027545	.0074275	89.28436	1.833808
#2	.0720963	-.023648	2.176238	-.028550	.0043722	88.70211	1.825941
#3	.0759722	-.020063	2.192236	-.034490	.0063773	88.81079	1.820715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069067	.1268130	192.7122	.1295202	.0791902	.4075366	196.8677
Stddev	.0000666	.0004338	.0508	.0008675	.0006303	.0016487	.0455
%RSD	.9638743	.3420616	.0263439	.6697994	.7958956	.4045527	.0231025

#1	.0069681	.1267790	192.7324	.1304982	.0795813	.4089159	196.8863
#2	.0069162	.1263971	192.7498	.1292189	.0784631	.4079834	196.8158
#3	.0068360	.1272627	192.6545	.1288435	.0795261	.4057106	196.9009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133318	106.5432	.1939250	.0023201	1.501568	.2437471	8.293844
Stddev	.007400	.0555	.0007524	.0003103	.016825	.0020171	.032167
%RSD	.1441541	.0520927	.3879643	13.37311	1.120479	.8275413	.3878474

#1	5.124935	106.4929	.1934053	.0026719	1.496683	.2419464	8.320467
#2	5.136077	106.6028	.1935819	.0022029	1.520295	.2459269	8.302963
#3	5.138942	106.5338	.1947877	.0020855	1.487726	.2433681	8.258101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.33097	10.24731	-.406279	.0131889	4.419088	3.603784	.0754934
Stddev	.05140	.09017	.003151	.0006476	.020268	.007898	.0003877
%RSD	.3147223	.8799043	.7756266	4.909938	.4586379	.2191545	.5135406

#1	16.34212	10.30654	-.407436	.0129033	4.442194	3.594805	.0756803
#2	16.27491	10.14354	-.402712	.0127332	4.404315	3.609654	.0750477
#3	16.37587	10.29185	-.408687	.0139301	4.410754	3.606894	.0757522

Sample Name: I4239-07 Acquired: 7/21/2017 15:03:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6X9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9096280	.0958486	.3495337
Stddev	.0011899	.0008192	.0009485
%RSD	.1308172	.8546838	.2713676

#1	.9088947	.0964166	.3504689
#2	.9089883	.0962198	.3495599
#3	.9110010	.0949096	.3485724

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.1267	1819.797	45160.09	7232.535	2535.060
Stddev	2.6579	7.173	120.94	22.286	10.971
%RSD	.2668221	.3941878	.2678062	.3081294	.4327749

#1	995.2134	1817.230	45282.53	7209.018	2526.866
#2	994.0459	1827.901	45157.02	7235.246	2547.525
#3	999.1209	1814.260	45040.71	7253.341	2530.791

Sample Name: I4239-08 Acquired: 7/21/2017 15:07:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800447	-.020679	1.196916	-.029514	.0041353	123.1328	2.148888
Stddev	.0074015	.001202	.003122	.005290	.0017348	.1402	.006071
%RSD	9.246692	5.814600	.2608027	17.92238	41.95188	.1138800	.2825303

#1	.0752108	-.020978	1.199570	-.025925	.0061219	123.1995	2.155065
#2	.0885655	-.021703	1.193477	-.035589	.0029192	122.9717	2.142928
#3	.0763577	-.019355	1.197702	-.027029	.0033648	123.2272	2.148670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080015	.0638992	81.65400	.1479243	.1286042	.3743382	225.8792
Stddev	.0001031	.0004492	.09724	.0007005	.0003985	.0012189	.1616
%RSD	1.288643	.7029399	.1190926	.4735729	.3098928	.3256209	.0715486

#1	.0080450	.0643783	81.65985	.1479552	.1286141	.3735232	226.0657
#2	.0078838	.0634876	81.55397	.1472088	.1282008	.3757394	225.7920
#3	.0080758	.0638318	81.74820	.1486088	.1289977	.3737519	225.7798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.666316	46.55671	.2190796	.0009000	1.382922	.2756574	5.280845
Stddev	.014930	.10190	.0001173	.0001755	.009454	.0036337	.017839
%RSD	.1722789	.2188811	.0535377	19.50093	.6835905	1.318212	.3378073

#1	8.657771	46.43904	.2191839	.0009511	1.387456	.2734776	5.301050
#2	8.683556	46.61591	.2189526	.0010443	1.372056	.2798523	5.267270
#3	8.657621	46.61518	.2191022	.0007046	1.389255	.2736425	5.274215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.54176	8.608036	-.489798	.0076587	2.767545	4.378697	.0253765
Stddev	.11929	.072830	.000921	.0007199	.017288	.009908	.0003768
%RSD	.5807195	.8460747	.1880478	9.399185	.6246636	.2262794	1.485013

#1	20.64610	8.692133	-.490861	.0069286	2.784390	4.367362	.0253852
#2	20.41171	8.566218	-.489290	.0076797	2.768399	4.383015	.0249954
#3	20.56747	8.565756	-.489243	.0083678	2.749846	4.385712	.0257489

Sample Name: I4239-08 Acquired: 7/21/2017 15:07:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6035993	.1211400	.3231999
Stddev	.0029018	.0003751	.0009568
%RSD	.4807505	.3096200	.2960420

#1	.6069439	.1214094	.3240844
#2	.6021016	.1207116	.3221843
#3	.6017523	.1212988	.3233309

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1040.852	1873.349	46691.54	7453.900	2631.233
Stddev	5.243	4.738	29.23	7.267	.478
%RSD	.5037611	.2529112	.0625986	.0974940	.0181763

#1	1036.871	1878.761	46660.60	7462.195	2630.699
#2	1038.893	1871.336	46695.34	7448.654	2631.623
#3	1046.793	1869.950	46718.68	7450.851	2631.376

Sample Name: I4239-09 Acquired: 7/21/2017 15:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712014	-.023433	2.248586	-.032785	.0071846	101.8343	2.210433
Stddev	.0012165	.001502	.009644	.001016	.0022364	.0494	.008209
%RSD	1.708467	6.409533	.4288864	3.098949	31.12842	.0485430	.3713589

#1	.0716950	-.024286	2.241243	-.033882	.0061101	101.8840	2.219901
#2	.0698157	-.021699	2.245006	-.032597	.0097555	101.8339	2.206084
#3	.0720935	-.024314	2.259508	-.031877	.0056881	101.7851	2.205314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071965	.0696849	201.4443	.1353501	.1028479	.4702427	194.1402
Stddev	.0001732	.0003806	1.0826	.0007330	.0001041	.0024629	.8867
%RSD	2.406539	.5461610	.5374184	.5415274	.1012571	.5237538	.4567255

#1	.0070706	.0695730	200.3542	.1355593	.1029603	.4709269	193.2067
#2	.0071249	.0693727	202.5193	.1359557	.1027547	.4675101	194.9711
#3	.0073940	.0701088	201.4595	.1345353	.1028287	.4722912	194.2428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.593092	62.63021	.2251590	.0013474	1.407715	.2595876	5.583371
Stddev	.042950	.30686	.0006617	.0000633	.071446	.0058273	.029591
%RSD	.4998237	.4899607	.2938880	4.693731	5.075311	2.244812	.5299843

#1	8.545979	62.30019	.2259224	.0013212	1.479166	.2610841	5.597336
#2	8.630064	62.68350	.2248041	.0014196	1.336274	.2645206	5.603395
#3	8.603234	62.90694	.2247503	.0013015	1.407705	.2531580	5.549382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.84177	9.436360	-.419893	.0091352	3.076648	3.779960	.0274937
Stddev	.04593	.028953	.001441	.0003239	.015470	.010208	.0009478
%RSD	.2437614	.3068273	.3432043	3.546206	.5028230	.2700590	3.447289

#1	18.86728	9.405475	-.418286	.0087741	3.059492	3.769831	.0278175
#2	18.78875	9.462888	-.420320	.0092313	3.089535	3.779802	.0264264
#3	18.86929	9.440717	-.421072	.0094003	3.080918	3.790246	.0282371

Sample Name: I4239-09 Acquired: 7/21/2017 15:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7317191	.0999283	.4560731
Stddev	.0020420	.0007197	.0013905
%RSD	.2790664	.7202232	.3048967

#1	.7296687	.1005971	.4567383
#2	.7317360	.0991667	.4544749
#3	.7337526	.1000211	.4570062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1020.960	1851.377	45860.70	7299.379	2565.100
Stddev	10.905	5.992	212.39	5.727	4.710
%RSD	1.068124	.3236753	.4631125	.0784567	.1836226

#1	1008.723	1845.132	45640.86	7305.572	2560.483
#2	1029.650	1857.080	45876.47	7294.274	2569.898
#3	1024.507	1851.919	46064.76	7298.291	2564.918

Sample Name: I4239-10 Acquired: 7/21/2017 15:15:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0704739	-.024569	2.900798	-.032118	.0109993	103.0990	2.102235
Stddev	.0026019	.003343	.007633	.003083	.0002730	.2787	.001938
%RSD	3.691983	13.60654	.2631194	9.599907	2.482098	.2703250	.0921902

#1	.0676868	-.028406	2.905823	-.028796	.0113140	102.9030	2.100985
#2	.0708960	-.023014	2.892015	-.032669	.0108568	102.9758	2.104467
#3	.0728390	-.022287	2.904556	-.034888	.0108269	103.4180	2.101252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073472	.1135027	150.6697	.1521937	.0907704	.6308889	218.3468
Stddev	.0000325	.0000997	1.2840	.0010732	.0003897	.0018888	1.3333
%RSD	.4427847	.0878874	.8521734	.7051417	.4293061	.2993850	.6106216

#1	.0073590	.1134837	149.7820	.1534065	.0903745	.6287176	217.2508
#2	.0073103	.1136106	150.0853	.1513669	.0911535	.6321523	217.9585
#3	.0073720	.1134138	152.1420	.1518078	.0907832	.6317968	219.8311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.641537	75.59231	.2334453	.0025316	1.357263	.2472750	7.379515
Stddev	.046814	.34641	.0001414	.0001094	.065762	.0035617	.084774
%RSD	.7048712	.4582657	.0605803	4.321140	4.845227	1.440402	1.148772

#1	6.597239	75.27917	.2334657	.0024127	1.287165	.2485807	7.282691
#2	6.636855	75.53335	.2332948	.0025540	1.417599	.2432447	7.415463
#3	6.690516	75.96443	.2335754	.0026280	1.367025	.2499997	7.440392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.90392	11.72412	-.467683	.0073612	4.691492	5.471021	.0518837
Stddev	.04611	.03506	.002428	.0002746	.019405	.007087	.0016531
%RSD	.2105223	.2990379	.5190917	3.730201	.4136167	.1295450	3.186084

#1	21.85728	11.72321	-.465902	.0072967	4.713541	5.478031	.0537413
#2	21.94949	11.68953	-.466700	.0076624	4.677013	5.471174	.0505747
#3	21.90501	11.75963	-.470449	.0071247	4.683922	5.463858	.0513351

Sample Name: I4239-10 Acquired: 7/21/2017 15:15:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6825872	.1094982	.3608627
Stddev	.0034313	.0006206	.0001915
%RSD	.5026843	.5667540	.0530789

#1	.6788632	.1097456	.3609638
#2	.6856207	.1099569	.3606418
#3	.6832778	.1087921	.3609826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1012.868	1853.850	46159.19	7386.983	2573.209
Stddev	3.610	11.039	149.62	11.632	10.156
%RSD	.3564421	.5954449	.3241339	.1574692	.3946719

#1	1009.342	1856.365	45987.81	7394.135	2573.861
#2	1016.557	1863.414	46225.98	7393.254	2583.023
#3	1012.705	1841.771	46263.78	7373.561	2562.743

Sample Name: I4239-11 Acquired: 7/21/2017 15:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744380	-.021627	1.650464	-.038142	.0067158	116.2191	2.087401
Stddev	.0016346	.000679	.001603	.002553	.0023760	.2994	.002248
%RSD	2.195941	3.139210	.0970975	6.694334	35.37854	.2576499	.1077050

#1	.0762960	-.021202	1.649320	-.036421	.0055117	116.0418	2.089967
#2	.0737970	-.022410	1.649776	-.036929	.0051830	116.0507	2.085773
#3	.0732210	-.021269	1.652295	-.041075	.0094528	116.5649	2.086465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078975	.0940264	100.8937	.1477507	.0895448	2.865132	214.7969
Stddev	.0000737	.0001710	.2864	.0019432	.0002069	.007753	.7170
%RSD	.9333327	.1818297	.2838304	1.315179	.2310770	.2706153	.3337965

#1	.0078779	.0938295	100.6341	.1495382	.0897333	2.856887	214.1991
#2	.0079791	.0941135	100.8461	.1480317	.0893234	2.866234	214.5998
#3	.0078356	.0941363	101.2008	.1456824	.0895777	2.872276	215.5918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.065336	50.95058	.2439409	.0017260	1.278235	.2610019	5.623241
Stddev	.022642	.22377	.0006144	.0001698	.019791	.0022082	.036090
%RSD	.3733031	.4391998	.2518699	9.837782	1.548300	.8460490	.6417986

#1	6.041855	50.70655	.2439358	.0015757	1.257067	.2586870	5.607260
#2	6.067120	50.99903	.2433291	.0019102	1.281361	.2612334	5.597900
#3	6.087034	51.14616	.2445579	.0016921	1.296276	.2630852	5.664562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.79810	6.233174	-.467152	.0040243	2.216768	3.844631	.0222257
Stddev	.08753	.035145	.003643	.0004307	.020328	.019413	.0012973
%RSD	.4420988	.5638448	.7798933	10.70281	.9170134	.5049497	5.837064

#1	19.86110	6.193012	-.468026	.0041915	2.193963	3.846033	.0207329
#2	19.69816	6.258298	-.470279	.0035351	2.232984	3.863306	.0228643
#3	19.83504	6.248214	-.463152	.0043464	2.223359	3.824555	.0230800

Sample Name: I4239-11 Acquired: 7/21/2017 15:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5798494	.1223311	.3547678
Stddev	.0026003	.0002099	.0006929
%RSD	.4484484	.1715885	.1953111

#1	.5803920	.1225724	.3541425
#2	.5821355	.1222310	.3555127
#3	.5770205	.1221901	.3546481

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.990	1901.883	46988.31	7540.588	2617.352
Stddev	9.992	3.135	324.11	10.278	4.178
%RSD	.9580140	.1648200	.6897766	.1363066	.1596361

#1	1044.045	1901.363	46881.10	7542.036	2612.933
#2	1052.413	1905.245	47352.44	7550.065	2617.883
#3	1032.513	1899.041	46731.38	7529.662	2621.239

Sample Name: I4239-12 Acquired: 7/21/2017 15:23:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835134	-.021868	3.661435	-.035918	.0090105	109.1946	2.344644
Stddev	.0025343	.000911	.010790	.003083	.0031606	.3507	.006828
%RSD	3.034546	4.166879	.2946843	8.584330	35.07736	.3211247	.2912218

#1	.0810693	-.021735	3.663820	-.038534	.0056612	109.5159	2.350712
#2	.0861291	-.022838	3.649653	-.036701	.0094294	108.8205	2.337250
#3	.0833418	-.021030	3.670833	-.032518	.0119407	109.2473	2.345970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076770	.2256404	86.19223	.1693897	.1084643	.5208277	240.4941
Stddev	.0001118	.0004779	.43433	.0002937	.0004688	.0023357	.7824
%RSD	1.456346	.2118035	.5039068	.1733942	.4322210	.4484644	.3253431

#1	.0076813	.2255247	85.85759	.1697244	.1086871	.5216646	239.7452
#2	.0075632	.2252309	86.03606	.1691749	.1079257	.5181889	240.4309
#3	.0077866	.2261655	86.68306	.1692699	.1087802	.5226297	241.3062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.113459	41.12279	.2056857	.0030291	1.579151	.2746640	8.392423
Stddev	.030198	.22014	.0008975	.0001794	.060696	.0056396	.034545
%RSD	.3313509	.5353280	.4363321	5.923562	3.843608	2.053286	.4116198

#1	9.096183	41.22271	.2055667	.0028446	1.621309	.2750830	8.354648
#2	9.095866	40.87041	.2048536	.0030399	1.606560	.2688265	8.400215
#3	9.148327	41.27525	.2066367	.0032029	1.509584	.2800824	8.422406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.39903	9.638017	-.535152	.0138406	2.435999	5.230067	.1250168
Stddev	.10684	.048518	.002164	.0005368	.016510	.005516	.0012197
%RSD	.5237685	.5033987	.4043918	3.878203	.6777666	.1054711	.9756222

#1	20.52240	9.607037	-.537343	.0132315	2.428475	5.234795	.1252045
#2	20.33679	9.613083	-.535097	.0142446	2.424590	5.224006	.1237141
#3	20.33790	9.693931	-.533016	.0140456	2.454931	5.231399	.1261317

Sample Name: I4239-12 Acquired: 7/21/2017 15:23:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7780911	.1049927	.3470330
Stddev	.0008051	.0004131	.0005544
%RSD	.1034708	.3934990	.1597391

#1	.7784517	.1054100	.3476588
#2	.7771687	.1045838	.3468369
#3	.7786529	.1049843	.3466034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.137	1887.150	46278.22	7435.531	2633.910
Stddev	1.691	7.305	75.42	17.551	4.907
%RSD	.1663921	.3870666	.1629672	.2360437	.1862867

#1	1016.064	1883.247	46201.02	7421.357	2632.020
#2	1014.484	1895.577	46351.72	7455.163	2639.481
#3	1017.863	1882.627	46281.92	7430.074	2630.230

Sample Name: I4239-13 Acquired: 7/21/2017 15:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642933	-.017915	.8877579	-.024030	-.000024	107.9595	2.164091
Stddev	.0024135	.002811	.0065642	.004081	.001743	.2626	.005608
%RSD	3.753882	15.69261	.7394181	16.98165	7380.538	.2432242	.2591495

#1	.0662477	-.014966	.8823459	-.027500	.001117	108.1789	2.163816
#2	.0615956	-.020564	.8858680	-.019534	-.002030	108.0312	2.169832
#3	.0650366	-.018215	.8950598	-.025057	.000842	107.6686	2.158626

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069423	.0895011	78.25058	.1357973	.0942973	.2955912	181.5796
Stddev	.0000756	.0007777	.37744	.0005119	.0004258	.0023162	.7863
%RSD	1.088642	.8689044	.4823536	.3769719	.4515267	.7835803	.4330373

#1	.0068758	.0887901	78.55465	.1359151	.0946961	.2931887	182.0674
#2	.0069267	.0893817	78.36896	.1362401	.0938489	.2978102	181.9989
#3	.0070245	.0903316	77.82814	.1352368	.0943469	.2957749	180.6725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.589871	43.78978	.1925221	.0009274	1.087368	.2677155	4.640034
Stddev	.020814	.11751	.0011196	.0002177	.110800	.0025081	.042401
%RSD	.2742277	.2683586	.5815398	23.46996	10.18970	.9368479	.9138011

#1	7.600786	43.75609	.1916748	.0010673	.969158	.2673655	4.686861
#2	7.602956	43.92046	.1921002	.0010383	1.104089	.2703802	4.629000
#3	7.565870	43.69279	.1937914	.0006766	1.188856	.2654008	4.604241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.35346	6.163717	-.388169	.0029828	1.992198	5.404607	.1864928
Stddev	.06789	.054646	.004694	.0003385	.014949	.030093	.0010737
%RSD	.3507832	.8865701	1.209276	11.34945	.7503908	.5568113	.5757348

#1	19.33292	6.118075	-.392344	.0030870	1.986452	5.417354	.1877284
#2	19.42925	6.148806	-.389076	.0026044	1.980974	5.426229	.1859635
#3	19.29821	6.224271	-.383088	.0032570	2.009168	5.370238	.1857866

Sample Name: I4239-13 Acquired: 7/21/2017 15:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8447758	.0974760	.3409765
Stddev	.0051901	.0004462	.0006704
%RSD	.6143811	.4577329	.1966071

#1	.8387968	.0971125	.3404840
#2	.8481211	.0973416	.3407055
#3	.8474094	.0979739	.3417400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.334	1884.455	46002.80	7366.592	2660.563
Stddev	10.173	7.251	83.68	34.653	14.786
%RSD	.9940559	.3847690	.1818942	.4704092	.5557656

#1	1013.247	1877.841	45942.26	7332.740	2655.052
#2	1023.166	1892.208	45967.85	7365.041	2677.313
#3	1033.590	1883.318	46098.28	7401.994	2649.323

Sample Name: I4239-14 Acquired: 7/21/2017 15:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486046	-.027586	4.022552	-.040199	.0089145	94.66180	2.257902
Stddev	.0067735	.002454	.019318	.004688	.0007343	.22113	.005509
%RSD	13.93596	8.894305	.4802547	11.66252	8.236843	.2336041	.2439792

#1	.0531109	-.028661	4.011046	-.037957	.0088274	94.88420	2.263680
#2	.0408152	-.029319	4.011754	-.037053	.0082277	94.65925	2.252709
#3	.0518878	-.024779	4.044855	-.045588	.0096885	94.44195	2.257318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119825	.1010489	554.0698	.3203815	.0689258	.4332264	281.8202
Stddev	.0001812	.0007692	2.4929	.0010697	.0005781	.0040834	.7523
%RSD	1.512138	.7612043	.4499271	.3338833	.8387125	.9425475	.2669330

#1	.0118395	.1012684	554.7277	.3214680	.0693757	.4339715	282.2600
#2	.0121863	.1001939	551.3139	.3193294	.0682738	.4288217	280.9516
#3	.0119217	.1016845	556.1678	.3203471	.0691279	.4368858	282.2491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13908	109.9645	.2248922	.0019700	6.787634	.3780154	7.602353
Stddev	.03393	.2462	.0004537	.0004016	.040460	.0026714	.071302
%RSD	.3346923	.2238731	.2017557	20.38808	.5960835	.7066792	.9378988

#1	10.13284	110.0545	.2244848	.0016904	6.809764	.3765308	7.635731
#2	10.10870	109.6860	.2248105	.0024302	6.740936	.3764162	7.520484
#3	10.17571	110.1531	.2253812	.0017893	6.812201	.3810994	7.650845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56261	9.279973	-.186138	.0487381	16.93720	14.69803	.0259334
Stddev	.01502	.021759	.000432	.0003961	.04618	.04127	.0008061
%RSD	.1031653	.2344732	.2318488	.8127933	.2726630	.2808095	3.108270

#1	14.57839	9.255043	-.186621	.0488700	16.88917	14.74198	.0250067
#2	14.54848	9.295145	-.186001	.0482929	16.94115	14.69201	.0263214
#3	14.56097	9.289730	-.185791	.0490515	16.98128	14.66009	.0264722

Sample Name: I4239-14 Acquired: 7/21/2017 15:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.339310	.0957891	.7882726
Stddev	.007349	.0003238	.0010408
%RSD	.3141625	.3380175	.1320410

#1	2.340508	.0961188	.7892765
#2	2.331436	.0954715	.7883428
#3	2.345987	.0957771	.7871984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.8403	1686.587	41993.25	6824.799	2362.665
Stddev	5.1524	8.153	199.63	23.873	7.650
%RSD	.5607471	.4834090	.4753805	.3498011	.3237999

#1	912.8913	1678.010	41770.24	6797.460	2358.466
#2	921.8813	1694.237	42155.26	6835.410	2371.496
#3	921.7483	1687.512	42054.25	6841.527	2358.034

Sample Name: I4239-15 Acquired: 7/21/2017 15:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET757 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016365	-.023232	3.226965	-.038392	.0057867	96.71416	1.901490
Stddev	.0045979	.002742	.008697	.004480	.0013024	.21129	.006598
%RSD	4.523831	11.80315	.2695086	11.66803	22.50626	.2184691	.3469764

#1	.0968978	-.022860	3.231385	-.041226	.0066237	96.86174	1.907702
#2	.1019324	-.026141	3.216946	-.033228	.0064503	96.80863	1.902202
#3	.1060793	-.020694	3.232564	-.040723	.0042862	96.47212	1.894565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103395	.1719609	115.0552	.1479245	.0935439	.5939918	264.6456
Stddev	.0001575	.0003913	.1247	.0006539	.0004837	.0022791	.6899
%RSD	1.522839	.2275614	.1084221	.4420371	.5170828	.3836891	.2606886

#1	.0104251	.1719050	115.1723	.1473492	.0940875	.5956015	265.2229
#2	.0101578	.1716006	115.0693	.1486356	.0931610	.5913839	264.8323
#3	.0104356	.1723772	114.9240	.1477889	.0933833	.5949899	263.8815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.811356	25.98916	.2036597	.0031464	2.258444	.2685287	9.590672
Stddev	.012095	.13453	.0007469	.0002166	.067499	.0030427	.082700
%RSD	.1775719	.5176384	.3667242	6.882928	2.988730	1.133083	.8622973

#1	6.820326	26.03560	.2029226	.0033713	2.238681	.2712694	9.685965
#2	6.816142	26.09431	.2036405	.0029392	2.203033	.2690620	9.537662
#3	6.797601	25.83756	.2044159	.0031288	2.333618	.2652546	9.548390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.64321	10.64381	-.508533	.0464362	8.881822	3.767177	.3018931
Stddev	.04650	.01894	.003760	.0008124	.018245	.028883	.0016838
%RSD	.2972358	.1779500	.7393355	1.749431	.2054179	.7666952	.5577536

#1	15.58960	10.64838	-.505682	.0473697	8.882233	3.734132	.3032639
#2	15.66753	10.66006	-.507124	.0458896	8.899858	3.779790	.3024018
#3	15.67251	10.62301	-.512794	.0460492	8.863375	3.787607	.3000136

Sample Name: I4239-15 Acquired: 7/21/2017 15:35:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET757 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.665338	.0718993	.3768765
Stddev	.002017	.0003525	.0005648
%RSD	.1211312	.4903449	.1498648

#1	1.663428	.0715299	.3766259
#2	1.667448	.0719357	.3775232
#3	1.665136	.0722322	.3764803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1005.543	1839.141	46007.59	7331.407	2621.731
Stddev	6.658	4.610	279.22	9.498	5.782
%RSD	.6621491	.2506876	.6069043	.1295549	.2205322

#1	998.241	1839.094	45708.11	7329.199	2616.451
#2	1007.109	1843.775	46053.89	7323.207	2627.909
#3	1011.279	1834.554	46260.76	7341.815	2620.831

Sample Name: I4239-16 Acquired: 7/21/2017 15:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698567	-.016374	.2176561	-.025961	.0024712	122.3030	1.620645
Stddev	.0024531	.002017	.0001045	.004348	.0018650	.0739	.008193
%RSD	3.511678	12.31689	.0480341	16.74984	75.46629	.0603846	.5055262

#1	.0720255	-.015684	.2175876	-.022330	.0014864	122.3880	1.620709
#2	.0703503	-.014793	.2176044	-.024773	.0046222	122.2669	1.628806
#3	.0671942	-.018646	.2177765	-.030780	.0013052	122.2542	1.612421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062845	.0309589	37.67133	.1244781	.0763269	.2105211	187.1414
Stddev	.0000182	.0001630	.13101	.0000704	.0001778	.0017123	.2515
%RSD	.2889636	.5265711	.3477821	.0565147	.2328811	.8133474	.1343716

#1	.0062673	.0308747	37.69211	.1244475	.0762670	.2085978	187.2128
#2	.0062826	.0308553	37.53117	.1245585	.0761869	.2118797	186.8619
#3	.0063035	.0311468	37.79072	.1244282	.0765269	.2110858	187.3493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.291065	33.37233	.1829098	.0005609	1.397575	.2340656	1.545134
Stddev	.017318	.03302	.0008512	.0002027	.086726	.0024650	.029059
%RSD	.4035870	.0989319	.4653737	36.13466	6.205488	1.053142	1.880657

#1	4.291419	33.37594	.1833896	.0005528	1.298671	.2342500	1.578680
#2	4.273573	33.33765	.1819270	.0007675	1.433427	.2364333	1.528979
#3	4.308204	33.40339	.1834127	.0003624	1.460628	.2315136	1.527742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.07627	5.265808	-.423025	-.000401	1.048609	4.032184	.0129982
Stddev	.10692	.008689	.000332	.000739	.005161	.008806	.0025502
%RSD	.5325628	.1650155	.0785630	184.1695	.4921754	.2183895	19.61950

#1	20.07205	5.273198	-.423171	-.000159	1.053890	4.031422	.0111831
#2	20.18523	5.267989	-.423259	.000187	1.048358	4.023784	.0159138
#3	19.97152	5.256235	-.422644	-.001232	1.043577	4.041346	.0118976

Sample Name: I4239-16 Acquired: 7/21/2017 15:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6N9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7321206	.1150896	.3286608
Stddev	.0042359	.0006735	.0006042
%RSD	.5785770	.5852014	.1838335

#1	.7360210	.1156622	.3280217
#2	.7276144	.1152592	.3287383
#3	.7327263	.1143475	.3292226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1048.684	1923.572	46883.54	7424.722	2726.472
Stddev	11.746	9.089	233.14	42.397	3.317
%RSD	1.120088	.4725125	.4972701	.5710180	.1216743

#1	1035.132	1924.693	46616.43	7383.338	2728.788
#2	1054.975	1913.975	46988.06	7468.063	2722.672
#3	1055.944	1932.049	47046.13	7422.766	2727.958

Sample Name: I4239-17 Acquired: 7/21/2017 15:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600048	-.015720	1.953328	-.016565	.0035021	75.76219
Stddev	.0038703	.003238	.010477	.003517	.0020112	.09859
%RSD	6.450020	20.59494	.5363784	21.23439	57.42867	.1301295

#1	.0626159	-.019452	1.944751	-.015495	.0057944	75.65293
#2	.0618402	-.014038	1.950228	-.020493	.0020333	75.78914
#3	.0555582	-.013670	1.965005	-.013707	.0026786	75.84450

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.486572	.0067588	.1109049	F 803.6113	.1051779	.0601271
Stddev	.006178	.0000598	.0007418	2.8803	.0000931	.0005552
%RSD	.4156000	.8841226	.6688837	.3584200	.0885122	.9234360

#1	1.482644	.0067474	.1106453	803.2849	.1052189	.0597746
#2	1.483378	.0067056	.1103278	806.6409	.1050713	.0598394
#3	1.493693	.0068235	.1117417	800.9081	.1052435	.0607671

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4243505	146.6174	5.181589	70.82419	.1744111	.0023566
Stddev	.0017375	.3088	.013585	.27747	.0003630	.0002249
%RSD	.4094503	.2105918	.2621874	.3917728	.2081306	9.543005

#1	.4224176	146.4496	5.181088	71.13377	.1748006	.0026120
#2	.4248512	146.9737	5.195418	70.59792	.1740823	.0022695
#3	.4257827	146.4288	5.168261	70.74089	.1743504	.0021883

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.593719	.1712558	7.690418	16.79074	9.720877	-.224975
Stddev	.060851	.0011870	.113381	.08658	.091035	.001546
%RSD	3.818178	.6931048	1.474316	.5156508	.9364873	.6872234

#1	1.612953	.1707006	7.668791	16.73028	9.682725	-.223955
#2	1.642629	.1726187	7.813054	16.75202	9.655126	-.224216
#3	1.525576	.1704482	7.589408	16.88993	9.824780	-.226754

Sample Name: I4239-17 Acquired: 7/21/2017 15:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135087	7.059237	7.017431	.0188223	1.154377	.0760092
Stddev	.0001773	.057308	.042959	.0016296	.002511	.0008801
%RSD	1.312425	.8118207	.6121817	8.657725	.2175403	1.157878

#1	.0136055	7.051294	6.980460	.0193675	1.153832	.0763034
#2	.0133041	7.006314	7.007274	.0201094	1.152182	.0750197
#3	.0136166	7.120102	7.064559	.0169900	1.157115	.0767045

Elem	Sr4077
Units	ppm
Avg	.9466299
Stddev	.0013835
%RSD	.1461486

#1	.9460526
#2	.9456286
#3	.9482086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.8351	1693.526	41527.25	6749.898	2346.285
Stddev	5.1535	8.311	79.06	12.536	9.343
%RSD	.5596593	.4907679	.1903903	.1857235	.3981918

#1	918.5614	1691.860	41437.69	6740.782	2347.953
#2	917.2094	1702.545	41556.68	6744.719	2354.681
#3	926.7345	1686.174	41587.37	6764.194	2336.220

Sample Name: I4239-18 Acquired: 7/21/2017 15:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996774	-.022508	2.251480	-.042663	.0069899	74.50719	2.561065
Stddev	.0050238	.001420	.010040	.003112	.0014790	.15686	.009092
%RSD	2.515953	6.306753	.4459309	7.293519	21.15934	.2105252	.3550254

#1	.1993384	-.022683	2.251079	-.045998	.0061022	74.33213	2.551704
#2	.1948318	-.023833	2.241646	-.042154	.0061703	74.55447	2.561631
#3	.2048622	-.021010	2.261714	-.039837	.0086973	74.63496	2.569862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081129	.1524889	178.2062	.0995812	.0672982	.7050738	286.1290
Stddev	.0001014	.0004037	.2738	.0011091	.0003091	.0015743	.2798
%RSD	1.249578	.2647514	.1536181	1.113795	.4592315	.2232762	.0977973

#1	.0079973	.1524477	178.0379	.1006563	.0671571	.7056098	286.1529
#2	.0081867	.1521073	178.0586	.0996464	.0676526	.7033015	285.8381
#3	.0081547	.1529116	178.5220	.0984409	.0670849	.7063100	286.3962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.127712	24.67406	.2018915	.0045535	3.457895	.2144626	10.01328
Stddev	.004534	.08241	.0016816	.0001931	.179326	.0032201	.05138
%RSD	.1098371	.3339789	.8329202	4.240423	5.185979	1.501453	.5130732

#1	4.128003	24.64379	.2010105	.0043934	3.429136	.2121451	9.96050
#2	4.123040	24.61107	.2008334	.0047679	3.294687	.2131033	10.01622
#3	4.132094	24.76732	.2038305	.0044991	3.649863	.2181394	10.06312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.27179	8.969885	-.510399	.0871745	20.18083	3.420370	.0241846
Stddev	.03339	.044623	.003425	.0001940	.07525	.022751	.0025566
%RSD	.1647361	.4974769	.6710588	.2225768	.3728775	.6651705	10.57112

#1	20.25356	8.957759	-.514071	.0871168	20.16224	3.402877	.0222730
#2	20.31034	8.932579	-.507290	.0873909	20.11662	3.412141	.0231921
#3	20.25148	9.019318	-.509836	.0870159	20.26363	3.446090	.0270886

Sample Name: I4239-18 Acquired: 7/21/2017 15:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.683759	.0725950	.6371796
Stddev	.003038	.0005211	.0016840
%RSD	.1804044	.7178534	.2642949

#1	1.686213	.0720078	.6369596
#2	1.680361	.0727746	.6356164
#3	1.684702	.0730025	.6389628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	940.3303	1738.284	43602.78	6997.493	2566.115
Stddev	3.4493	7.109	144.92	12.117	1.677
%RSD	.3668191	.4089883	.3323584	.1731616	.0653593

#1	936.3809	1738.816	43480.42	6985.173	2565.161
#2	941.8581	1730.924	43565.11	6997.912	2568.052
#3	942.7517	1745.113	43762.81	7009.396	2565.133

Sample Name: I4239-19 Acquired: 7/21/2017 15:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109493	-.017570	3.029160	-.026566	.0050088	73.94433	2.295154
Stddev	.0035178	.001945	.008235	.002179	.0020614	.31747	.008400
%RSD	3.170631	11.07221	.2718705	8.203668	41.15570	.4293379	.3660013

#1	.1101814	-.015377	3.034277	-.029041	.0073619	74.22857	2.300374
#2	.1147876	-.019089	3.019660	-.024936	.0041432	74.00269	2.299624
#3	.1078789	-.018242	3.033543	-.025721	.0035214	73.60173	2.285464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060996	.0676418	66.66201	.0967246	.0751303	.6072270	189.6337
Stddev	.0001032	.0002267	.23131	.0004761	.0004644	.0024070	.2851
%RSD	1.692013	.3351550	.3469876	.4922093	.6181326	.3963948	.1503572

#1	.0062179	.0676305	66.58436	.0965648	.0756120	.6047766	189.8761
#2	.0060534	.0674209	66.47952	.0972599	.0746853	.6095882	189.3195
#3	.0060276	.0678739	66.92216	.0963488	.0750937	.6073163	189.7054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.135644	22.89484	.1449653	.0032543	1.727366	.1894435	9.394601
Stddev	.010878	.08533	.0001901	.0002185	.051618	.0030101	.051948
%RSD	.2118159	.3726845	.1311279	6.712838	2.988225	1.588926	.5529528

#1	5.133024	22.84801	.1449073	.0030969	1.676606	.1885946	9.350085
#2	5.126314	22.99333	.1448109	.0031624	1.779801	.1869491	9.382042
#3	5.147593	22.84318	.1451776	.0035037	1.725690	.1927870	9.451677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.14231	8.713194	-.370034	.0180948	9.332846	7.953414	.0210928
Stddev	.14659	.016773	.002546	.0003139	.026550	.033270	.0016199
%RSD	.8080264	.1925057	.6880123	1.734863	.2844769	.4183076	7.680029

#1	18.30909	8.694124	-.372969	.0181989	9.317090	7.985210	.0220766
#2	18.08400	8.719797	-.368720	.0183434	9.317950	7.918844	.0192231
#3	18.03384	8.725662	-.368414	.0177420	9.363499	7.956187	.0219787

Sample Name: I4239-19 Acquired: 7/21/2017 15:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151269	.0660964	.3629089
Stddev	.003884	.0003909	.0006704
%RSD	.3373659	.5914726	.1847373

#1	1.149215	.0656879	.3621373
#2	1.148843	.0664670	.3633489
#3	1.155749	.0661343	.3632405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.7776	1836.984	45542.69	7276.868	2709.513
Stddev	.9119	6.026	107.92	26.730	5.536
%RSD	.0912074	.3280129	.2369695	.3673263	.2043209

#1	998.7338	1833.020	45565.35	7249.832	2705.404
#2	1000.179	1843.918	45425.24	7277.489	2715.808
#3	1000.420	1834.013	45637.49	7303.281	2707.326

Sample Name: I4239-20 Acquired: 7/21/2017 15:55:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820224	-.016301	.9265265	-.024111	.0035003	87.33602	2.069833
Stddev	.0029458	.000481	.0091027	.008347	.0018721	.20271	.013946
%RSD	3.591507	2.949086	.9824594	34.61716	53.48487	.2321016	.6737505

#1	.0819178	-.016417	.9275486	-.030814	.0045237	87.21694	2.071567
#2	.0850191	-.015773	.9169559	-.014762	.0013396	87.57007	2.082829
#3	.0791302	-.016713	.9350751	-.026757	.0046377	87.22103	2.055101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059808	.0524147	59.00809	.1161625	.0909635	.2794338	165.2049
Stddev	.0001936	.0006055	.24272	.0010291	.0008827	.0003082	.2712
%RSD	3.236984	1.155290	.4113418	.8858777	.9704028	.1102921	.1641371

#1	.0060313	.0523943	59.04898	.1173505	.0912938	.2796822	165.3127
#2	.0061442	.0518196	58.74751	.1155495	.0899633	.2795302	164.8964
#3	.0057670	.0530302	59.22777	.1155874	.0916335	.2790889	165.4056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.247846	28.24318	.1735079	.0007280	1.235760	.2105073	7.856052
Stddev	.016394	.05301	.0012705	.0001034	.074332	.0027634	.032327
%RSD	.2261894	.1877022	.7322360	14.20925	6.015124	1.312737	.4114925

#1	7.256564	28.25081	.1736044	.0006218	1.194663	.2073981	7.891728
#2	7.228936	28.29197	.1721919	.0007338	1.191050	.2114403	7.828703
#3	7.258039	28.18677	.1747274	.0008284	1.321566	.2126834	7.847726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.85017	8.468472	-.351996	.0090466	2.337917	4.770590	.0159654
Stddev	.12779	.129575	.001191	.0005588	.030108	.042935	.0004540
%RSD	.5592665	1.530088	.3382755	6.176950	1.287811	.8999999	2.843773

#1	22.85088	8.439212	-.353355	.0086615	2.333161	4.795819	.0158909
#2	22.97760	8.356029	-.351497	.0096875	2.310470	4.721015	.0164521
#3	22.72202	8.610175	-.351137	.0087907	2.370120	4.794935	.0155533

Sample Name: I4239-20 Acquired: 7/21/2017 15:55:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8642303	.0839436	.3499048
Stddev	.0022670	.0007727	.0014169
%RSD	.2623126	.9205450	.4049436

#1	.8664066	.0833860	.3506802
#2	.8618824	.0848256	.3507649
#3	.8644019	.0836190	.3482695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.571	1898.864	46739.29	7479.300	2706.462
Stddev	3.197	7.389	98.99	5.923	15.675
%RSD	.3075200	.3891518	.2117824	.0791968	.5791749

#1	1035.890	1900.733	46628.42	7472.464	2707.543
#2	1041.645	1905.140	46770.66	7482.534	2721.569
#3	1041.179	1890.720	46818.78	7482.903	2690.275

Sample Name: CCV012 Acquired: 7/21/2017 16:00:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854179	4.540451	22.87379	4.705655	4.754735	381.9235
Stddev	.034657	.019676	.13567	.027805	.021898	2.3185
%RSD	.7139684	.4333584	.5931152	.5908829	.4605509	.6070652

#1	4.817764	4.537236	22.76458	4.676671	4.730480	381.0121
#2	4.858012	4.522581	22.83114	4.708186	4.760672	384.5593
#3	4.886760	4.561537	23.02566	4.732107	4.773052	380.1992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.453156	F .4407778	2.263602	368.7337	F 13.56564	2.348419
Stddev	.020239	.0027365	.009124	1.5506	.13019	.013804
%RSD	.2141003	.6208311	.4030821	.4205179	.9597058	.5877831

#1	9.457359	.4393329	2.258439	367.3531	13.62947	2.338009
#2	9.431145	.4439339	2.258230	370.4113	13.65159	2.343172
#3	9.470964	.4390667	2.274137	368.4366	13.41585	2.364077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.13726	369.5244	13.70930	375.9579	2.275527	1.260283
Stddev	.06623	1.6094	.06057	1.7220	.006978	.011773
%RSD	.4684582	.4355263	.4418101	.4580227	.3066463	.9341647

#1	14.13937	368.3731	13.65374	374.4775	2.270357	1.266939
#2	14.20242	371.3633	13.77387	377.8477	2.272760	1.267221
#3	14.07001	368.8367	13.70028	375.5486	2.283464	1.246689

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.1878	2.250815	15.44568	146.9044	4.966062	F 3.948412
Stddev	1.3688	.019623	.12839	1.2360	.010000	.019679
%RSD	.3572175	.8718230	.8312559	.8413654	.2013630	.4984109

#1	383.5207	2.228161	15.57334	146.4041	4.970953	3.946774
#2	384.3596	2.261728	15.44714	148.3121	4.954558	3.968859
#3	381.6833	2.262556	15.31656	145.9969	4.972675	3.929603

Sample Name: CCV012 Acquired: 7/21/2017 16:00:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.717639	4.789891	4.545829	F 4.476851	4.577914	4.906318
Stddev	.014701	.021829	.019223	.016300	.015361	.026372
%RSD	.3116071	.4557299	.4228614	.3640950	.3355537	.5375199

#1	4.701105	4.797656	4.543726	4.461072	4.583906	4.920679
#2	4.722580	4.765241	4.566016	4.475856	4.589377	4.922394
#3	4.729233	4.806776	4.527744	4.493626	4.560460	4.875882

Elem	Sr4077
Units	ppm
Avg	4.745810
Stddev	.028856
%RSD	.6080346

#1	4.736898
#2	4.778071
#3	4.722460

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	812.2281	1528.994	37325.58	6232.559	2189.108
Stddev	6.5879	6.462	316.76	26.300	9.872
%RSD	.8110907	.4226054	.8486331	.4219787	.4509588

#1	808.0755	1535.472	37094.01	6240.022	2196.520
#2	808.7847	1528.961	37196.18	6203.334	2192.902
#3	819.8241	1522.549	37686.55	6254.322	2177.902

Sample Name: CCB012 Acquired: 7/21/2017 16:04:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014409	-.000185	.0005643	.0029473	-.003092	.0026115	.0006961
Stddev	.0005200	.000153	.0013050	.0012281	.000570	.0022955	.0002159
%RSD	36.08642	82.64846	231.2582	41.66849	18.44774	87.89643	31.00941

#1	.0011820	-.000361	.0020284	.0037573	-.003727	.0036398	.0004860
#2	.0011012	-.000104	.0001407	.0035502	-.002926	-.000018	.0006850
#3	.0020394	-.000089	-.000476	.0015342	-.002623	.004213	.0009173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000276	-.000178	.0090386	-.000857	-.000075	.0011358	-.003475
Stddev	.0000581	.000144	.0076167	.000215	.000078	.0003612	.013514
%RSD	210.5831	80.53136	84.26807	25.12445	104.1112	31.79987	388.8441

#1	-.000038	-.000081	.0110815	-.000620	-.000132	.0015092	.007754
#2	.000048	-.000344	.0154256	-.000908	.000014	.0011100	.000294
#3	.000073	-.000111	.0006088	-.001041	-.000108	.0007882	-.018474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000486	.0042283	.0004376	.0001618	.0562090	-.001608	.0078971
Stddev	.000584	.0179517	.0001716	.0002848	.0506654	.001109	.0133627
%RSD	119.9895	424.5616	39.20644	176.0629	90.13747	68.99063	169.2103

#1	-.000192	-.003245	.0005051	.0000156	-.001878	-.001081	-.004815
#2	-.000108	.024709	.0002426	.0004900	.091285	-.000860	.021827
#3	-.001159	-.008780	.0005653	-.000020	.079220	-.002882	.006679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267967	-.000720	.0080559	.0007505	.0033666	-.000717	.0001446
Stddev	.0217278	.001254	.0012055	.0001393	.0040742	.000888	.0001902
%RSD	81.08404	174.2437	14.96421	18.56252	121.0178	123.8415	131.5298

#1	.0068474	-.001505	.0093828	.0006764	.0019956	-.001333	.0000222
#2	.0499478	.000726	.0077569	.0009112	.0079494	-.001120	.0000479
#3	.0235949	-.001380	.0070281	.0006639	.0001548	.000301	.0003637

Sample Name: CCB012 Acquired: 7/21/2017 16:04:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000448	.0001545	-.000030
Stddev	.000784	.0002504	.000041
%RSD	174.8594	162.0521	135.8482

#1	.000052	.0003875	.000012
#2	-.000045	-.000110	-.000033
#3	-.001351	.000186	-.000070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1002.086	1822.975	44484.12	6912.429	3018.489
Stddev	7.373	1.274	111.22	49.688	4.845
%RSD	.7358064	.0699069	.2500181	.7188173	.1605124

#1	1010.593	1821.734	44415.05	6867.898	3014.473
#2	998.142	1824.280	44612.42	6903.365	3017.124
#3	997.523	1822.910	44424.89	6966.025	3023.871

Sample Name: I4239-21 Acquired: 7/21/2017 16:08:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773221	-.016381	.9248959	-.021391	.0029478	86.99322	2.065497
Stddev	.0030438	.000546	.0019207	.002552	.0014097	.28341	.007103
%RSD	3.936548	3.332052	.2076708	11.92830	47.82203	.3257841	.3438974

#1	.0799393	-.016469	.9226790	-.024251	.0045755	87.28512	2.071625
#2	.0780452	-.015797	.9260621	-.020575	.0021471	86.71915	2.057712
#3	.0739819	-.016878	.9259466	-.019347	.0021208	86.97538	2.067153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060124	.0520241	58.49156	.1161083	.0904715	.2786149	163.7522
Stddev	.0000819	.0000665	.07043	.0020710	.0001168	.0011474	.4514
%RSD	1.362370	.1278221	.1204071	1.783689	.1290498	.4118276	.2756898

#1	.0060603	.0520272	58.54348	.1176098	.0903884	.2787755	163.8390
#2	.0060591	.0519562	58.41139	.1169694	.0904211	.2773957	163.2637
#3	.0059178	.0520890	58.51980	.1137456	.0906050	.2796736	164.1540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.180315	27.99831	.1731099	.0006957	1.204039	.2061352	7.885891
Stddev	.020400	.09117	.0004957	.0000447	.032299	.0058464	.066995
%RSD	.2841124	.3256178	.2863439	6.425461	2.682533	2.836181	.8495579

#1	7.198304	28.04026	.1729598	.0007462	1.188207	.2063923	7.809092
#2	7.158150	28.06096	.1727066	.0006615	1.182711	.2118488	7.916235
#3	7.184492	27.89372	.1736633	.0006792	1.241199	.2001646	7.932344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.79385	8.590760	-.346073	.0092745	2.337491	4.739880	.0175468
Stddev	.10392	.002970	.000556	.0001752	.006421	.031684	.0004453
%RSD	.4559021	.0345721	.1607293	1.888530	.2747077	.6684453	2.537665

#1	22.89018	8.592262	-.345510	.0094740	2.331312	4.763095	.0179857
#2	22.68372	8.587339	-.346622	.0091461	2.337031	4.752759	.0175594
#3	22.80765	8.592679	-.346087	.0092034	2.344130	4.703785	.0170954

Sample Name: I4239-21 Acquired: 7/21/2017 16:08:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8587245	.0844281	.3485113
Stddev	.0027092	.0002296	.0013368
%RSD	.3154883	.2718927	.3835669

#1	.8607368	.0845953	.3498969
#2	.8597928	.0841664	.3484077
#3	.8556441	.0845227	.3472294

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.163	1893.775	46670.21	7513.060	2710.258
Stddev	8.007	7.258	417.17	19.532	7.800
%RSD	.7749869	.3832625	.8938762	.2599796	.2877935

#1	1042.361	1888.022	47018.97	7490.583	2706.827
#2	1029.371	1901.929	46208.07	7522.684	2719.185
#3	1027.757	1891.374	46783.60	7525.913	2704.761

Sample Name: I4239-22 Acquired: 7/21/2017 16:12:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474249	.0993334	.9049568	.0584289	.0776995	93.95494	5.509181
Stddev	.0044884	.0029141	.0016146	.0057259	.0029530	.36905	.038975
%RSD	3.044501	2.933628	.1784163	9.799794	3.800559	.3927898	.7074574

#1	.1452994	.0999709	.9049542	.0568045	.0787479	93.80012	5.500941
#2	.1525812	.0961533	.9033435	.0536908	.0799853	94.37618	5.551617
#3	.1443942	.1018759	.9065726	.0647916	.0743654	93.68853	5.474984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764725	.1451132	57.78857	.4751739	.9610243	.7257069	166.9349
Stddev	.0005489	.0003210	.23436	.0007934	.0030433	.0020219	.1907
%RSD	.7177264	.2212109	.4055539	.1669688	.3166722	.2786149	.1142167

#1	.0760664	.1448637	57.69177	.4749296	.9614940	.7275239	166.8209
#2	.0770969	.1450005	57.61811	.4760607	.9577734	.7260680	166.8288
#3	.0762542	.1454753	58.05583	.4745314	.9638053	.7235287	167.1550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.380557	28.64415	1.011916	.0382553	1.269109	.9993745	8.187565
Stddev	.018716	.03298	.004145	.0004484	.043361	.0044267	.066480
%RSD	.2233234	.1151200	.4096557	1.172260	3.416649	.4429500	.8119611

#1	8.364387	28.63780	1.009972	.0381522	1.245839	.9954225	8.164137
#2	8.376226	28.67984	1.009100	.0378674	1.319137	1.004158	8.135970
#3	8.401059	28.61482	1.016676	.0387463	1.242350	.998543	8.262587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.51844	8.784776	-.352362	.0101158	2.263932	4.448035	.0159666
Stddev	.22408	.050021	.000896	.0000891	.013585	.013648	.0004741
%RSD	.9527724	.5694071	.2542350	.8807751	.6000520	.3068257	2.969363

#1	23.52148	8.747733	-.353367	.0101868	2.248426	4.441196	.0161818
#2	23.74099	8.764920	-.352075	.0100158	2.273737	4.463750	.0162950
#3	23.29286	8.841677	-.351645	.0101447	2.269634	4.439159	.0154231

Sample Name: I4239-22 Acquired: 7/21/2017 16:12:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6P3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8957268	.0852240	.3485583
Stddev	.0036778	.0007333	.0011804
%RSD	.4105989	.8604416	.3386566

#1	.8989012	.0850962	.3491775
#2	.8965828	.0860128	.3493003
#3	.8916965	.0845630	.3471972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1014.559	1880.519	46331.85	7434.065	2694.507
Stddev	5.929	8.450	186.10	23.846	10.331
%RSD	.5843639	.4493370	.4016622	.3207620	.3834234

#1	1011.201	1887.068	46117.13	7411.959	2699.462
#2	1021.404	1883.509	46446.59	7430.902	2701.428
#3	1011.071	1870.981	46431.83	7459.335	2682.632

Sample Name: I4239-20LX5 Acquired: 7/21/2017 16:16:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6P3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177617	-.004662	.1890252	-.004240	-.000859	19.10393	.4541643
Stddev	.0047133	.000953	.0011021	.001516	.000560	.01317	.0002953
%RSD	26.53650	20.45052	.5830158	35.76084	65.22670	.0689255	.0650160

#1	.0229009	-.004701	.1888105	-.005112	-.000498	19.11774	.4545032
#2	.0167436	-.005595	.1880463	-.002489	-.000575	19.09151	.4539624
#3	.0136407	-.003689	.1902187	-.005119	-.001505	19.10254	.4540272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014134	.0102840	13.14065	.0266485	.0174083	.0624255	37.78025
Stddev	.0000894	.0002179	.06226	.0004481	.0003825	.0020004	.09865
%RSD	6.325306	2.118533	.4737724	1.681614	2.196954	3.204460	.2611030

#1	.0015067	.0101861	13.11163	.0270887	.0178320	.0609354	37.83505
#2	.0013284	.0101323	13.09820	.0266640	.0173041	.0646990	37.66638
#3	.0014053	.0105337	13.21212	.0261928	.0170887	.0616419	37.83934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653441	6.290113	.0354412	.0003001	.2494364	.0487476	1.793552
Stddev	.006999	.050594	.0000192	.0002026	.0416549	.0017112	.009893
%RSD	.4232749	.8043487	.0541258	67.50015	16.69962	3.510282	.5515934

#1	1.651544	6.337392	.0354459	.0000943	.2925254	.0493989	1.785595
#2	1.647587	6.236753	.0354201	.0004993	.2093814	.0500375	1.804629
#3	1.661193	6.296193	.0354575	.0003068	.2464024	.0468064	1.790433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025249	1.772409	-.079357	.0014593	.4917854	1.123881	.0031083
Stddev	.027824	.007680	.000494	.0004559	.0073728	.012499	.0012983
%RSD	.5536916	.4332913	.6219362	31.24110	1.499191	1.112125	41.77053

#1	5.055436	1.771435	-.078958	.0013717	.4958239	1.126972	.0034071
#2	5.000630	1.765262	-.079203	.0019525	.4962566	1.134544	.0042312
#3	5.019680	1.780528	-.079909	.0010535	.4832757	1.110126	.0016866

Sample Name: I4239-20LX5 Acquired: 7/21/2017 16:16:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET6P3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1911898	.0179296	.0777276
Stddev	.0012191	.0002617	.0001647
%RSD	.6376259	1.459418	.2119096

#1	.1897822	.0182286	.0776398
#2	.1918989	.0177423	.0776255
#3	.1918885	.0178179	.0779177

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1009.987	1839.122	44599.10	6984.779	2966.299
Stddev	6.182	9.383	95.24	28.698	8.267
%RSD	.6120907	.5101996	.2135544	.4108593	.2786993

#1	1014.707	1829.909	44520.04	6951.782	2959.645
#2	1012.266	1838.788	44704.84	7003.916	2963.697
#3	1002.989	1848.667	44572.41	6998.639	2975.554

Sample Name: I4233-15DLX10 Acquired: 7/21/2017 16:20:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076777	-.002524	.3567465	-.003573	-.000411	9.147745	.1961587
Stddev	.0019657	.000933	.0004020	.003186	.001236	.061310	.0020067
%RSD	25.60311	36.95342	.1126994	89.15817	301.0537	.6702248	1.023010

#1	.0057702	-.002965	.3571534	-.002271	-.000147	9.187881	.1975713
#2	.0096969	-.001452	.3567365	-.001245	.000672	9.178183	.1970432
#3	.0075660	-.003154	.3563495	-.007204	-.001757	9.077171	.1938617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007840	.0196452	25.42902	.0055199	.0078300	.1306920	24.43004
Stddev	.0000589	.0001479	.13536	.0004645	.0000699	.0002749	.08394
%RSD	7.516073	.7530785	.5323201	8.414705	.8928295	.2103538	.3436000

#1	.0008160	.0196151	25.34273	.0057853	.0079001	.1303938	24.42652
#2	.0008200	.0195145	25.58504	.0049836	.0078297	.1309354	24.51569
#3	.0007160	.0198058	25.35931	.0057909	.0077603	.1307468	24.34791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5393863	3.875265	.0136764	.0008611	.1847999	.0209940	11.72147
Stddev	.0018584	.020679	.0002687	.0001952	.0150374	.0021279	.09646
%RSD	.3445386	.5336046	1.964608	22.66648	8.137117	10.13590	.8229501

#1	.5391428	3.899034	.0135894	.0010810	.2016323	.0198107	11.79364
#2	.5413545	3.861415	.0134620	.0007942	.1726925	.0234506	11.61191
#3	.5376617	3.865345	.0139778	.0007082	.1800748	.0197208	11.75887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569198	.7761828	-.047552	-.000147	.5030520	1.967179	.0026505
Stddev	.025867	.0036545	.000248	.000063	.0045614	.007424	.0009098
%RSD	1.648444	.4708258	.5207881	42.99901	.9067479	.3773745	34.32543

#1	1.557109	.7778379	-.047384	-.000100	.4981298	1.963126	.0028355
#2	1.598897	.7719935	-.047435	-.000219	.5038897	1.975747	.0016624
#3	1.551588	.7787168	-.047836	-.000122	.5071366	1.962664	.0034535

Sample Name: I4233-15DLX10 Acquired: 7/21/2017 16:20:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0836733	.0082317	.0540997
Stddev	.0008374	.0006067	.0003713
%RSD	1.000769	7.369652	.6863757

#1	.0827671	.0088951	.0544479
#2	.0844186	.0077053	.0541423
#3	.0838340	.0080947	.0537089

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.8359	1805.418	43911.58	6894.811	2962.315
Stddev	12.4739	10.538	306.49	22.207	8.749
%RSD	1.253866	.5836814	.6979811	.3220877	.2953466

#1	982.5270	1801.958	43613.98	6881.806	2963.515
#2	1007.468	1817.251	44226.25	6882.173	2970.401
#3	994.512	1797.045	43894.51	6920.452	2953.027

Sample Name: I4233-22 Acquired: 7/21/2017 16:24:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6TO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634582	-.018856	.1610603	-.023474	.0000963	109.6392	1.572047
Stddev	.0007757	.000888	.0028651	.001024	.0005279	.1230	.000863
%RSD	1.222465	4.706793	1.778924	4.361103	548.3815	.1122050	.0548892

#1	.0633844	-.018506	.1591944	-.024133	.0003581	109.7056	1.573024
#2	.0642682	-.018198	.1596273	-.022295	-.000511	109.7147	1.571388
#3	.0627219	-.019866	.1643593	-.023994	.000442	109.4972	1.571729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061929	.0187636	34.89086	.1098306	.0836753	.1899665	171.6973
Stddev	.0001307	.0004033	.17885	.0012600	.0004149	.0015731	.6347
%RSD	2.110404	2.149204	.5125919	1.147200	.4958064	.8281222	.3696455

#1	.0060758	.0186354	34.94648	.1110420	.0835269	.1881981	171.8874
#2	.0061690	.0184401	35.03530	.1099227	.0833551	.1912105	172.2151
#3	.0063339	.0192154	34.69082	.1085271	.0841440	.1904908	170.9893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.002468	31.69807	.2025186	.0002721	1.073557	.1942203	1.257643
Stddev	.023227	.11467	.0008311	.0002003	.011300	.0016487	.007985
%RSD	.4643173	.3617571	.4103856	73.61467	1.052607	.8488878	.6349304

#1	5.015499	31.73758	.2015593	.0002236	1.085754	.1959599	1.248890
#2	5.016255	31.78777	.2029735	.0004923	1.071475	.1940202	1.264530
#3	4.975651	31.56888	.2030229	.0001006	1.063444	.1926808	1.259508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.46969	3.785901	-.383816	-.000679	.9989693	14.52837	.0089525
Stddev	.02266	.019491	.000642	.000445	.0046404	.03877	.0021233
%RSD	.1682480	.5148253	.1673070	65.59803	.4645146	.2668715	23.71735

#1	13.46459	3.799618	-.383836	-.000989	1.000382	14.55979	.0085113
#2	13.45001	3.763590	-.384447	-.000879	.993787	14.54028	.0070844
#3	13.49446	3.794495	-.383164	-.000169	1.002740	14.48504	.0112617

Sample Name: I4233-22 Acquired: 7/21/2017 16:24:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6TO Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6169596	.1061176	.3205874
Stddev	.0029018	.0008035	.0014015
%RSD	.4703455	.7572147	.4371689

#1	.6173030	.1057009	.3210128
#2	.6196744	.1070439	.3217270
#3	.6139013	.1056080	.3190225

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1046.942	1929.397	47339.28	7558.624	2728.605
Stddev	1.209	4.140	93.47	28.335	9.526
%RSD	.1154368	.2145730	.1974515	.3748683	.3491270

#1	1046.124	1925.220	47260.24	7539.846	2721.429
#2	1046.372	1933.499	47315.14	7544.810	2739.413
#3	1048.330	1929.473	47442.45	7591.217	2724.973

Sample Name: I4232-20A Acquired: 7/21/2017 16:28:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0757354	-.011930	.6679856	-.022083	.0019628	72.07547	1.782953
Stddev	.0011210	.002390	.0085988	.002013	.0006101	.32976	.009206
%RSD	1.480102	20.03763	1.287274	9.114653	31.08421	.4575188	.5163436

#1	.0769631	-.009339	.6778711	-.024394	.0020042	72.35444	1.787037
#2	.0754766	-.012400	.6622379	-.020711	.0025511	72.16043	1.789411
#3	.0747664	-.014050	.6638480	-.021145	.0013330	71.71155	1.772412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050345	.0409689	54.20497	.0982189	.0711662	.2491905	144.7452
Stddev	.0001078	.0001310	.18422	.0004232	.0004685	.0020478	.3967
%RSD	2.140626	.3196643	.3398566	.4308531	.6582721	.8217767	.2740463

#1	.0051202	.0409208	54.38708	.0986750	.0716002	.2503370	145.0578
#2	.0049135	.0408687	54.01871	.0978389	.0706696	.2504082	144.8788
#3	.0050698	.0411171	54.20912	.0981428	.0712289	.2468263	144.2990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.693050	31.81907	.1631809	.0011007	1.112998	.1755217	9.328055
Stddev	.009130	.11532	.0011967	.0001302	.057290	.0010405	.040921
%RSD	.1603647	.3624111	.7333358	11.82822	5.147337	.5927739	.4386925

#1	5.703084	31.90302	.1644578	.0010041	1.109165	.1764594	9.285823
#2	5.685234	31.86661	.1629999	.0012488	1.172107	.1744024	9.330818
#3	5.690831	31.68759	.1620851	.0010493	1.057720	.1757033	9.367525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.12656	7.895101	-.313378	.0023641	1.625766	12.26863	.0112950
Stddev	.10925	.115524	.001453	.0004672	.019930	.04711	.0015315
%RSD	.6774461	1.463231	.4637596	19.76313	1.225894	.3840181	13.55940

#1	16.18659	8.026922	-.312502	.0022446	1.644977	12.28708	.0127261
#2	16.19264	7.811494	-.315055	.0019682	1.605187	12.30373	.0096797
#3	16.00046	7.846888	-.312575	.0028795	1.627133	12.21509	.0114793

Sample Name: I4232-20A Acquired: 7/21/2017 16:28:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6G6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.164523	.0733461	.2528222
Stddev	.005878	.0009036	.0011719
%RSD	.5047380	1.232003	.4635123

#1	1.166025	.0739773	.2536081
#2	1.169504	.0737500	.2533833
#3	1.158040	.0723109	.2514753

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1028.274	1864.504	46408.90	7442.710	2739.255
Stddev	4.658	22.961	77.56	26.931	27.973
%RSD	.4530190	1.231479	.1671146	.3618413	1.021193

#1	1031.496	1838.064	46418.05	7413.631	2707.301
#2	1030.393	1879.425	46481.48	7447.706	2759.317
#3	1022.933	1876.024	46327.18	7466.792	2751.148

Sample Name: CCV013 Acquired: 7/21/2017 17:09:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.305398	F 4.305872	22.93784	5.188730	5.343846	391.5771
Stddev	.019619	.008139	.07314	.036199	.019328	1.0367
%RSD	.3698010	.1890297	.3188528	.6976509	.3616815	.2647620

#1	5.326243	4.313906	22.94153	5.219931	5.359950	392.4454
#2	5.287292	4.297631	22.86293	5.149041	5.322413	390.4293
#3	5.302658	4.306080	23.00906	5.197218	5.349175	391.8567

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11396	F .4333174	2.546201	F 339.4448	F 13.67198	F 1.282398
Stddev	.07870	.0011022	.008656	2.0938	.02400	.004413
%RSD	.7781214	.2543561	.3399723	.6168353	.1755100	.3441429

#1	10.02369	.4338043	2.543033	337.3555	13.67164	1.287371
#2	10.15004	.4320556	2.539575	339.4358	13.69614	1.278949
#3	10.16814	.4340923	2.555995	341.5431	13.64816	1.280872

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30048	363.0103	13.67287	378.4701	2.318463	F .6726073
Stddev	.07848	1.7345	.05865	1.4999	.008333	.0027924
%RSD	.5129317	.4778128	.4289621	.3962949	.3594133	.4151671

#1	15.38884	361.5858	13.60866	377.0999	2.318341	.6743127
#2	15.27373	362.5034	13.68630	378.2379	2.310192	.6741245
#3	15.23886	364.9418	13.72363	380.0726	2.326856	.6693847

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	390.6399	2.346422	16.10901	160.1248	F 5.526806	F 1.704987
Stddev	1.3311	.008159	.03704	.5769	.018456	.007842
%RSD	.3407496	.3477209	.2299391	.3603006	.3339318	.4599552

#1	392.1465	2.353615	16.07074	160.7658	5.546317	1.709269
#2	390.1502	2.337556	16.11163	159.6473	5.509628	1.695936
#3	389.6230	2.348095	16.14468	159.9613	5.524472	1.709756

Sample Name: CCV013 Acquired: 7/21/2017 17:09:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037170	4.777465	4.548718	4.579015	4.733569	5.339406
Stddev	.027557	.019906	.005163	.011180	.006169	.036627
%RSD	.5470668	.4166645	.1134957	.2441493	.1303215	.6859760

#1	5.051825	4.791132	4.548774	4.582908	4.734046	5.381515
#2	5.005382	4.754627	4.543527	4.566410	4.727175	5.321769
#3	5.054302	4.786636	4.553852	4.587728	4.739485	5.314935

Elem	Sr4077
Units	ppm
Avg	5.008161
Stddev	.039940
%RSD	.7975073

#1	4.986034
#2	4.984181
#3	5.054268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	744.3137	1365.771	35433.29	6104.718	2089.081
Stddev	4.3597	6.748	87.61	4.938	8.303
%RSD	.5857302	.4940934	.2472618	.0808819	.3974277

#1	740.3965	1358.046	35415.37	6100.407	2079.511
#2	743.5339	1370.522	35356.02	6110.105	2094.360
#3	749.0106	1368.744	35528.47	6103.643	2093.373

Sample Name: CCB013 Acquired: 7/21/2017 17:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055904	.0031191	-.001370	.0010557	-.000373	.0017352	-.000242
Stddev	.0030529	.0000533	.001090	.0008827	.000528	.0056492	.000152
%RSD	54.60942	1.708483	79.53603	83.60915	141.5301	325.5720	62.70128

#1	.0068000	.0031233	-.000903	.0001900	-.000397	.0053441	-.000358
#2	.0078531	.0030639	-.000592	.0019544	-.000889	.0046365	-.000298
#3	.0021180	.0031703	-.002615	.0010228	.000166	-.004775	-.000070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001356	-.000229	.0019294	-.000809	-.000100	.0019035	.0034286
Stddev	.0000935	.000045	.0105377	.000340	.000304	.0017259	.0100909
%RSD	68.96574	19.70313	546.1713	41.98331	302.9668	90.66850	294.3157

#1	.0000300	-.000239	.0140317	-.000457	.000134	.0001158	.0077789
#2	.0001688	-.000180	-.005213	-.000836	-.000444	.0020346	-.008108
#3	.0002081	-.000268	-.003030	-.001135	.000009	.0035601	.010615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002918	.0133771	.0016010	.0004194	.0207014	.0017117	.0019950
Stddev	.0003773	.0024436	.0001775	.0002061	.0693981	.0022799	.0066257
%RSD	129.2864	18.26669	11.08794	49.14462	335.2332	133.1937	332.1197

#1	.0005082	.0161403	.0018014	.0003321	.1008199	.0007350	-.005137
#2	-.000144	.0124900	.0014634	.0002714	-.017988	.0043173	.007959
#3	.000511	.0115010	.0015383	.0006549	-.020727	.0000829	.003163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741264	.0079741	.0070323	.0011033	.0000356	-.000391	.0023490
Stddev	.0072309	.0009741	.0001741	.0001938	.0022491	.000423	.0000776
%RSD	9.754832	12.21562	2.475482	17.56562	6318.940	108.2192	3.305214

#1	.0821336	.0072896	.0070075	.0011186	.0001433	-.000437	.0023709
#2	.0721722	.0090893	.0072175	.0009023	.0022290	-.000788	.0022628
#3	.0680734	.0075434	.0068720	.0012890	-.002265	.000053	.0024134

Sample Name: CCB013 Acquired: 7/21/2017 17:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v78) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001092	.0013158	-.000003
Stddev	.000403	.0001602	.000035
%RSD	36.88415	12.17716	1366.787

#1	-.000627	.0015008	.000038
#2	-.001334	.0012224	-.000027
#3	-.001315	.0012242	-.000019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.6178	1659.872	43494.09	6837.483	2850.253
Stddev	1.7876	4.514	22.59	22.495	4.761
%RSD	.1878472	.2719239	.0519484	.3289919	.1670495

#1	953.4679	1654.698	43470.33	6812.846	2844.784
#2	949.9001	1661.920	43496.63	6842.677	2853.481
#3	951.4852	1663.000	43515.30	6856.927	2852.492