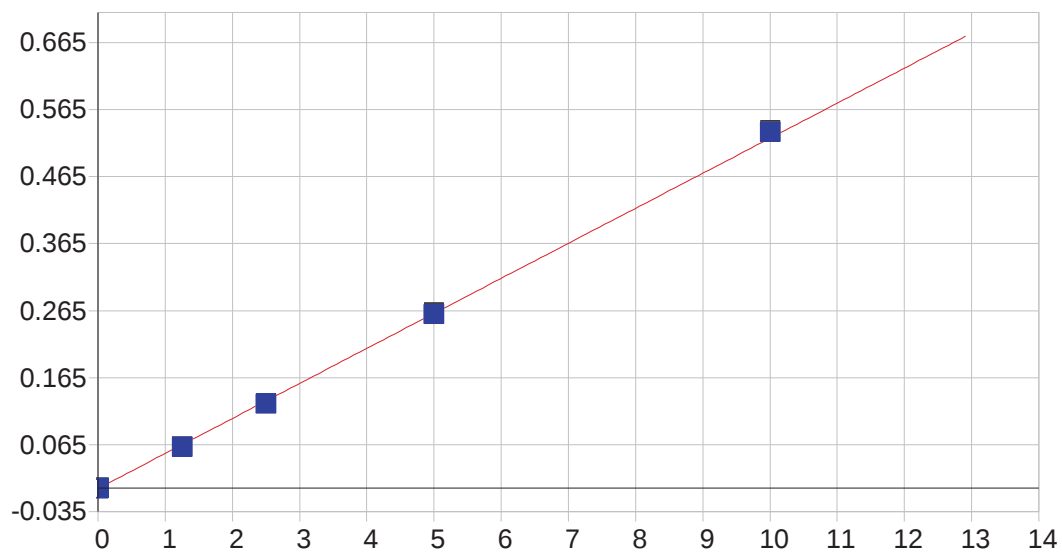




As 189.042 {479}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000473

Re-Slope: 1.000000

A1 (Gain): 0.052281

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999744

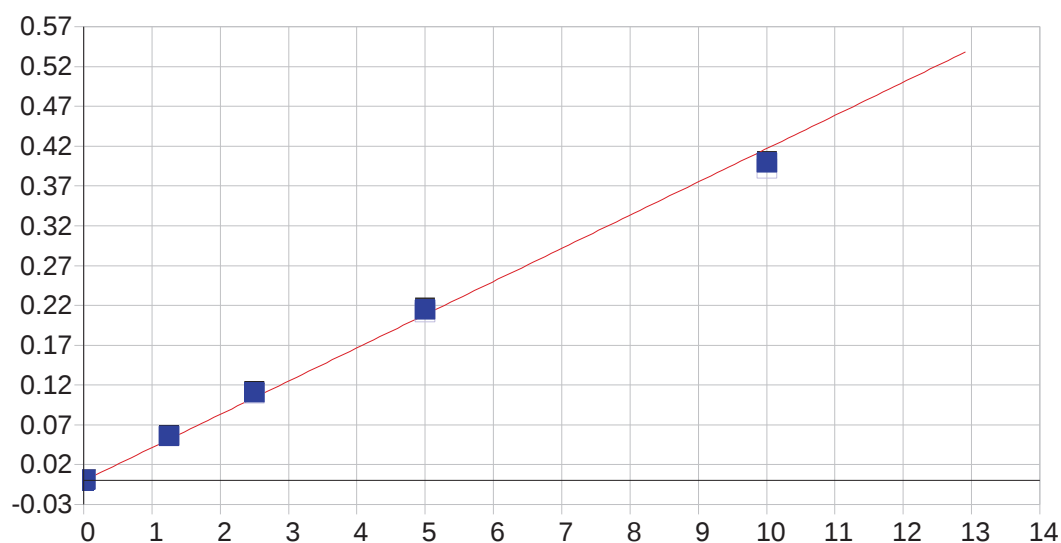
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.004689

Predicted MQL: 0.015630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.01000	.00957	.000	-4.34	.00003	.000	1
S2	1.2500	1.1832	-.067	-5.35	.06137	.000	1
S3	2.5000	2.4172	-.083	-3.31	.12586	.001	1
S4	5.0000	4.9729	-.027	-.542	.25944	.002	1
S5	10.000	10.177	.177	1.77	.53145	.002	1



TI 190.856 {477}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000250

Re-Slope: 1.000000

A1 (Gain): 0.041708

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998842

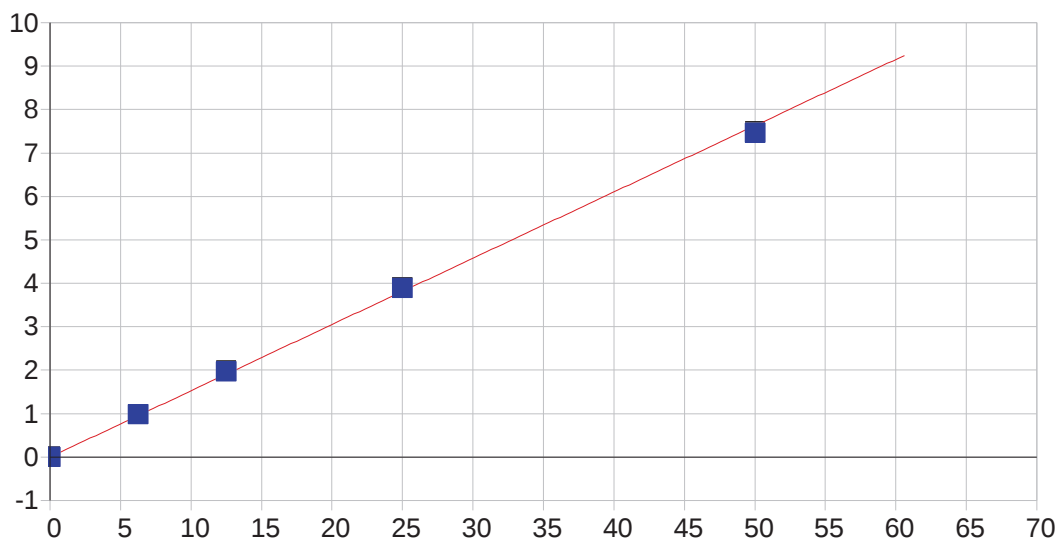
Status: OK.

Std Error of Est: 0.000052

Predicted MDL: 0.002948

Predicted MQL: 0.009826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00025	.000	1
S1	.02500	.02780	.003	11.2	.00082	.000	1
S2	1.2500	1.3542	.104	8.33	.05528	.000	1
S3	2.5000	2.6622	.162	6.49	.10889	.001	1
S4	5.0000	5.1529	.153	3.06	.21088	.002	1
S5	10.000	9.5781	-.422	-4.22	.39166	.001	1

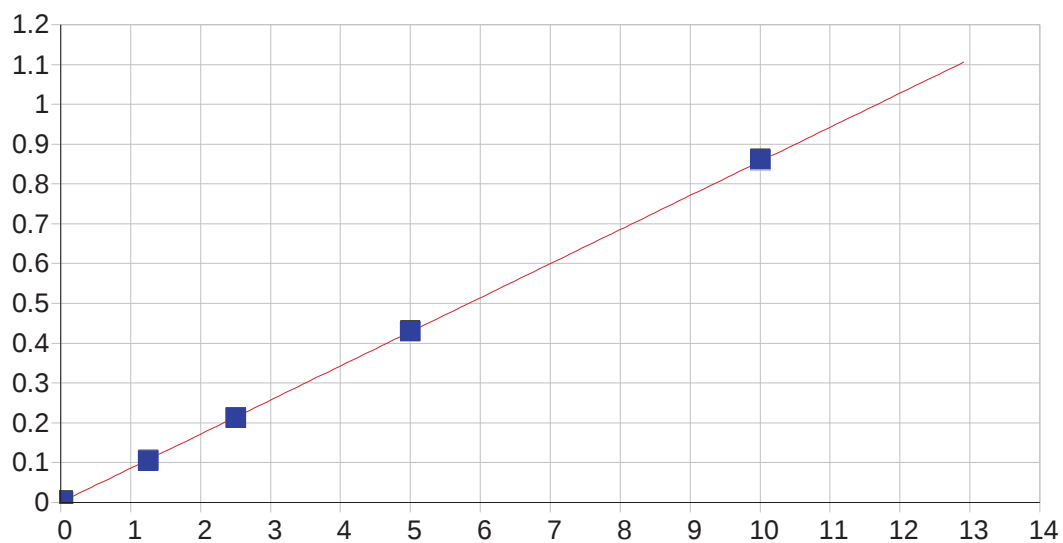


Pb 220.353 {453}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.152587 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.001871
 Predicted MQL: 0.006236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.00973	.000	-2.69	.00133	.000	1
S2	6.2500	6.4272	.177	2.84	.98083	.003	1
S3	12.500	12.932	.432	3.46	1.9737	.012	1
S4	25.000	25.480	.480	1.92	3.8889	.016	1
S5	50.000	48.911	-1.09	-2.18	7.4652	.027	1

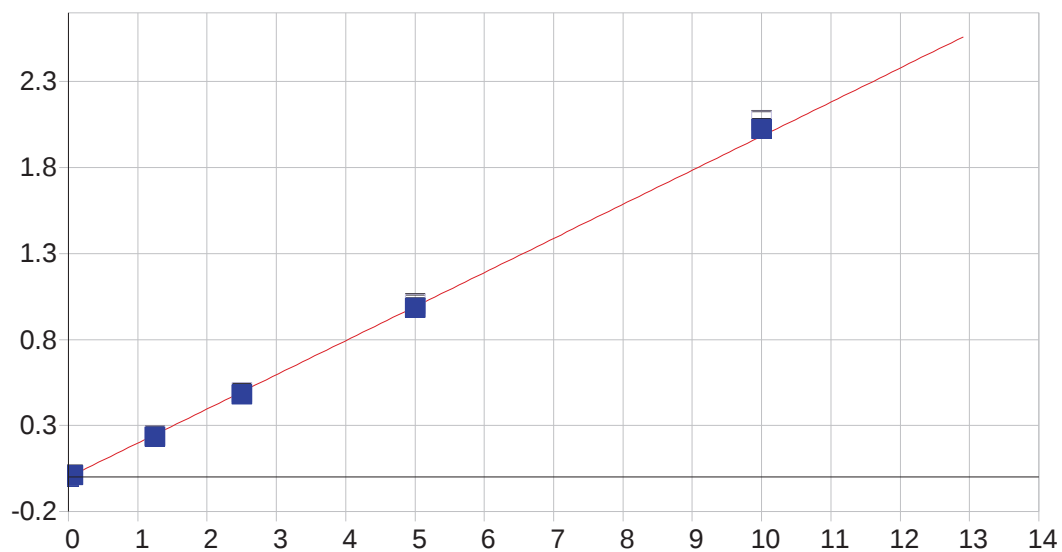


Se 196.090 {472}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000491 Re-Slope: 1.000000
 A1 (Gain): 0.085621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003429
 Predicted MQL: 0.011430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.03500	.03197	-.003	-8.64	.00323	.000	1
S2	1.2500	1.2232	-.027	-2.15	.10482	.001	1
S3	2.5000	2.4737	-.026	-1.05	.21150	.002	1
S4	5.0000	5.0105	.011	.210	.42791	.002	1
S5	10.000	10.046	.046	.457	.85745	.002	1

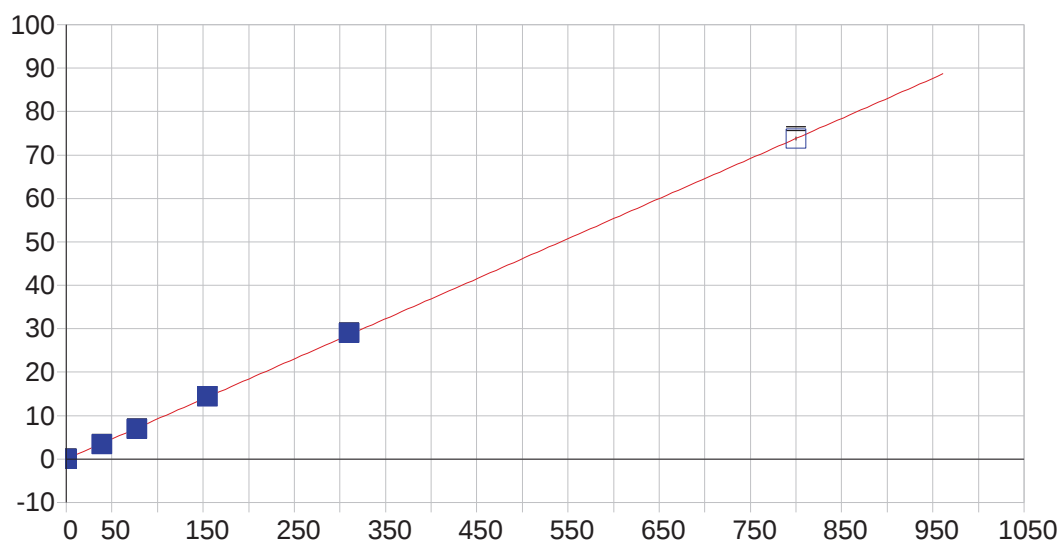


Sb 206.833 {463}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.198269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.001593
 Predicted MQL: 0.005309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00010	.000	1
S1	.06000	.05534	-.005	-7.77	.01107	.000	1
S2	1.2500	1.1768	-.073	-5.86	.23938	.001	1
S3	2.5000	2.4174	-.083	-3.30	.49131	.002	1
S4	5.0000	4.9526	-.047	-.947	1.0059	.002	1
S5	10.000	10.208	.208	2.08	2.0716	.003	1



AI 396.152 { 85}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000024

Re-Slope: 1.000000

A1 (Gain): 0.092260

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999902

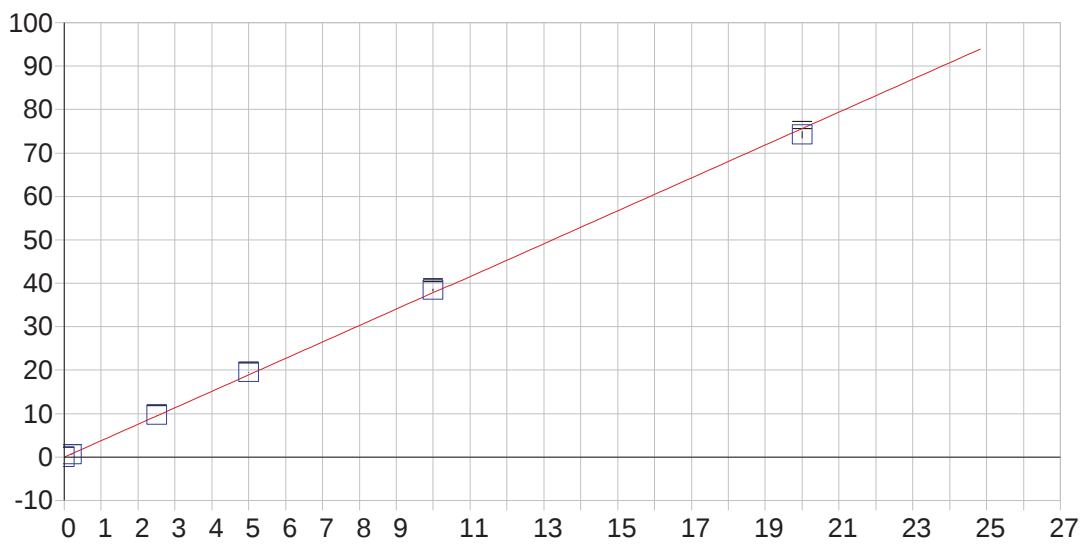
Status: OK.

Std Error of Est: 0.000805

Predicted MDL: 0.004325

Predicted MQL: 0.014415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00002	.000	1
S1	.20000	.18021	-.020	-9.90	.01664	.001	1
S2	38.750	36.510	-2.24	-5.78	3.3726	.007	1
S3	77.500	75.135	-2.37	-3.05	6.9405	.022	1
S4	155.00	155.40	.396	.256	14.354	.029	1
S5	310.00	314.58	4.58	1.48	29.057	.055	1
S6	800.00	799.65	-.349	-.044	73.776	.422	1

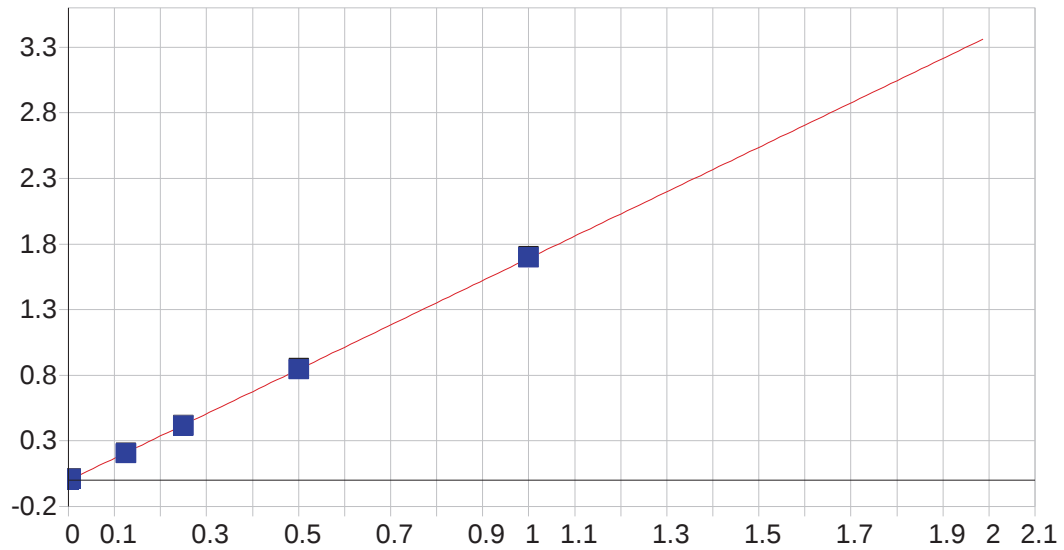


Ba 493.409 { 68}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.065251 Re-Slope: 1.000000
 A1 (Gain): 3.786754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.009594
 Predicted MDL: 0.000349
 Predicted MQL: 0.001165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.06519	.001	1
S1	.20000	.17304	-.027	-13.5	.59001	.001	1
S2	2.5000	2.5650	.065	2.60	9.6480	.030	1
S3	5.0000	5.1654	.165	3.31	19.495	.030	1
S4	10.000	10.180	.180	1.80	38.485	.326	1
S5	20.000	19.616	-.384	-1.92	74.216	.823	1



Be 234.861 {144}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001165

Re-Slope: 1.000000

A1 (Gain): 1.692163

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

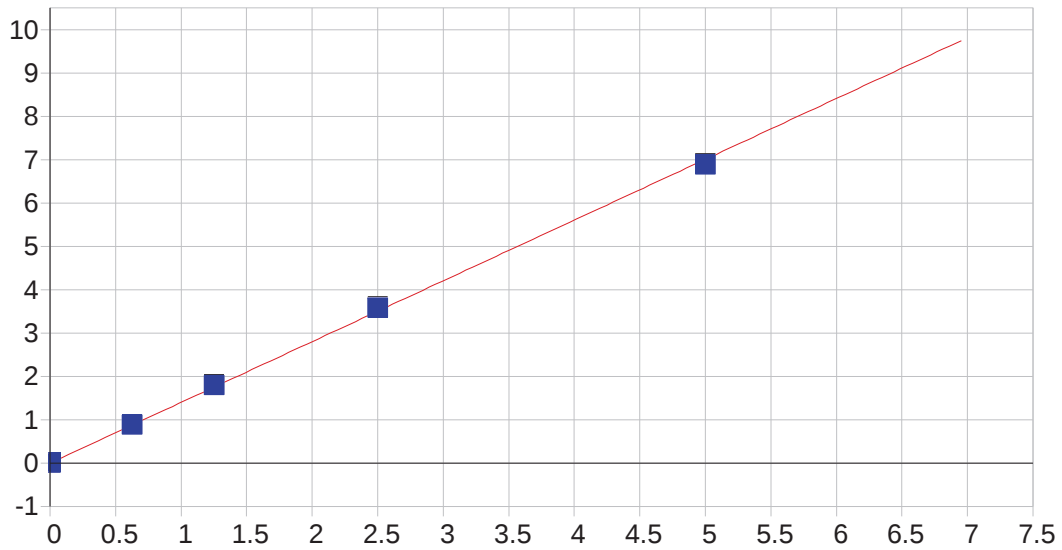
Status: OK.

Std Error of Est: 0.000061

Predicted MDL: 0.000100

Predicted MQL: 0.000334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00117	.000	1
S1	.00500	.00536	.000	7.20	.00790	.000	1
S2	.12500	.12203	-.003	-2.37	.20463	.001	1
S3	.25000	.24642	-.004	-1.43	.41440	.004	1
S4	.50000	.50133	.001	.266	.84432	.005	1
S5	1.0000	1.0049	.005	.486	1.6935	.006	1

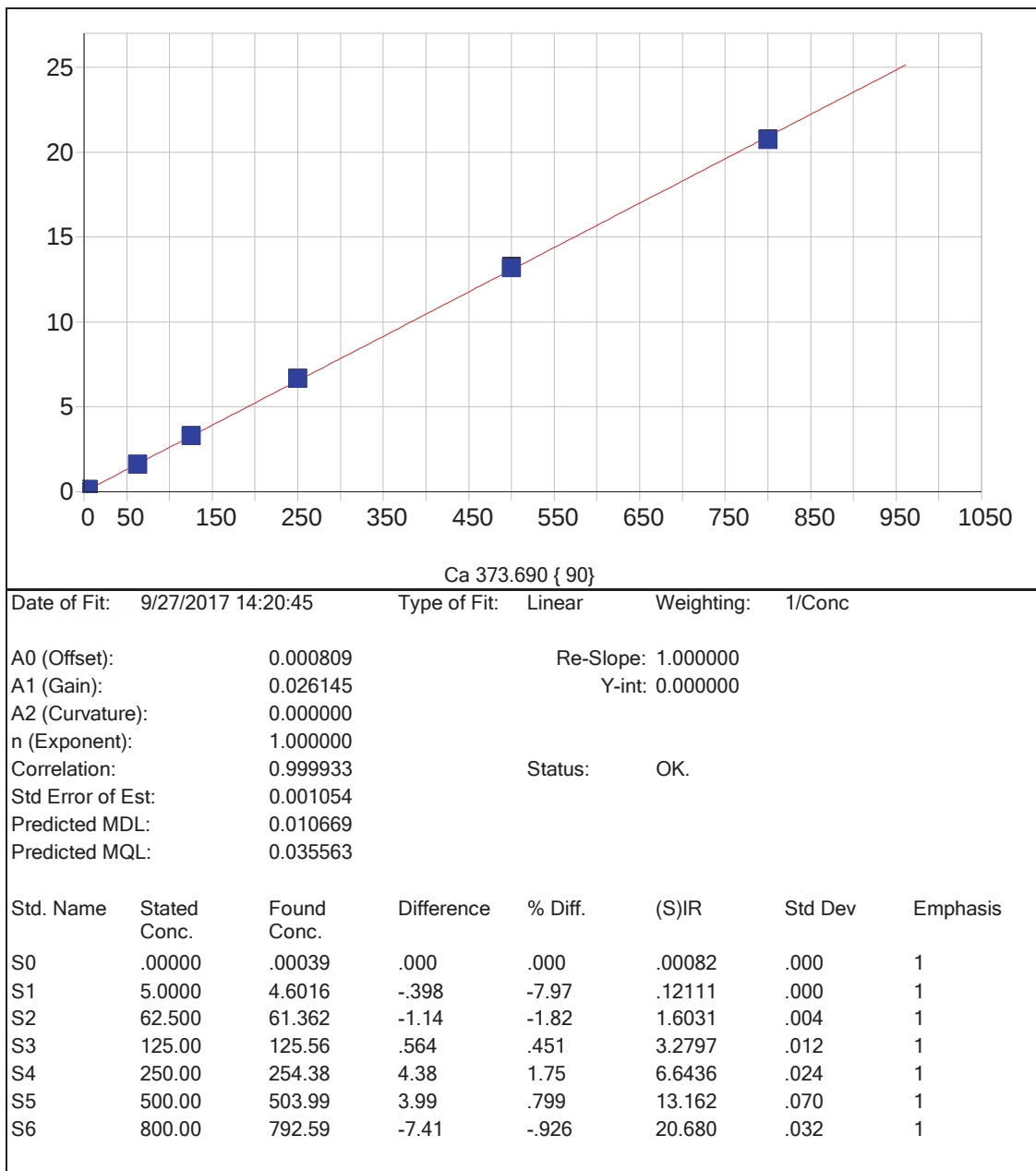


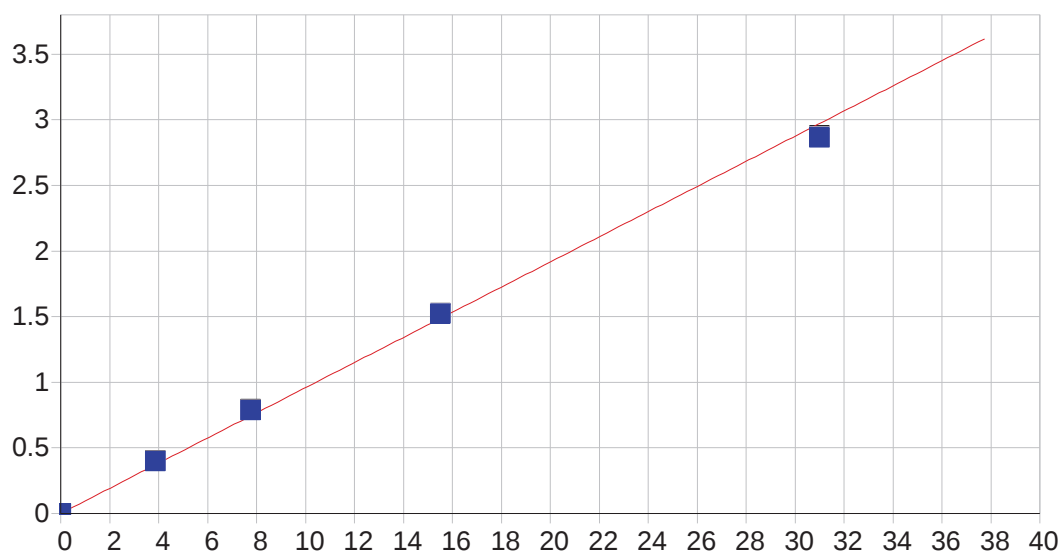
Cd 214.438 {457}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000313 Re-Slope: 1.000000
 A1 (Gain): 1.401395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.000146
 Predicted MQL: 0.000487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.00500	.00507	.000	1.43	.00680	.000	1
S2	.62500	.63058	.006	.893	.88544	.005	1
S3	1.2500	1.2803	.030	2.43	1.7980	.015	1
S4	2.5000	2.5537	.054	2.15	3.5867	.017	1
S5	5.0000	4.9103	-.090	-1.79	6.8974	.008	1



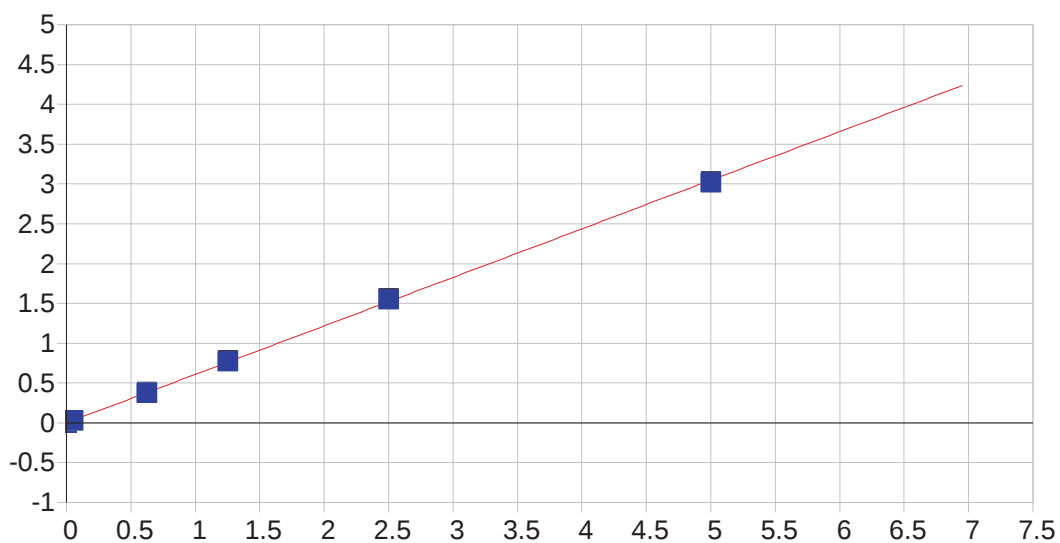


Cr 267.716 {126}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.095837 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999168 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.000668
 Predicted MQL: 0.002227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.01066	.001	6.56	.00111	.000	1
S2	3.8750	4.1579	.283	7.30	.39952	.001	1
S3	7.7500	8.2158	.466	6.01	.78938	.003	1
S4	15.500	15.865	.365	2.35	1.5243	.003	1
S5	31.000	29.886	-1.11	-3.59	2.8719	.009	1



Co 228.616 {448}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000340

Re-Slope: 1.000000

A1 (Gain): 0.609362

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999898

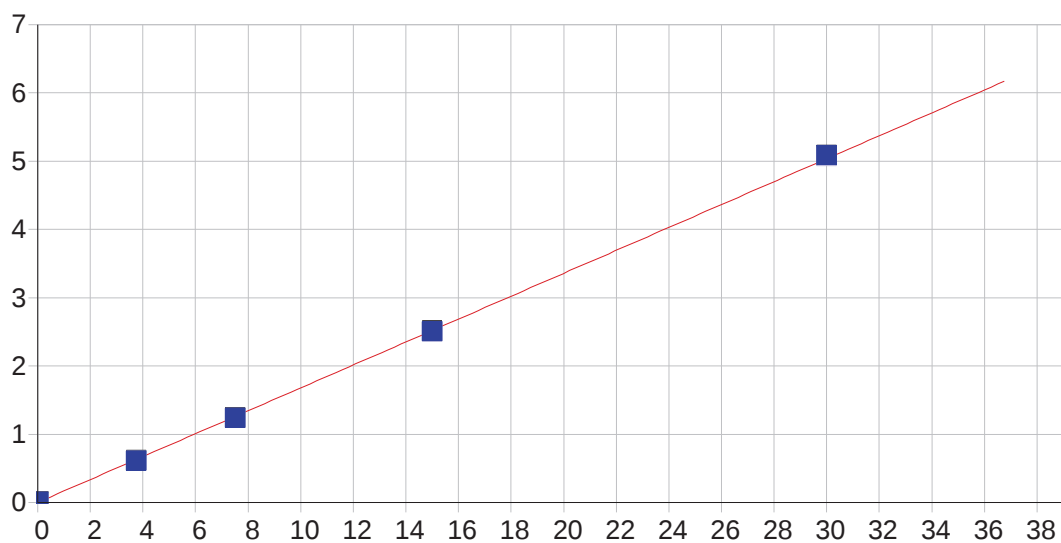
Status: OK.

Std Error of Est: 0.000232

Predicted MDL: 0.000317

Predicted MQL: 0.001058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.05000	.04513	-.005	-9.74	.02727	.000	1
S2	.62500	.62228	-.003	-.436	.37965	.002	1
S3	1.2500	1.2671	.017	1.37	.77335	.003	1
S4	2.5000	2.5417	.042	1.67	1.5517	.007	1
S5	5.0000	4.9488	-.051	-1.02	3.0217	.009	1

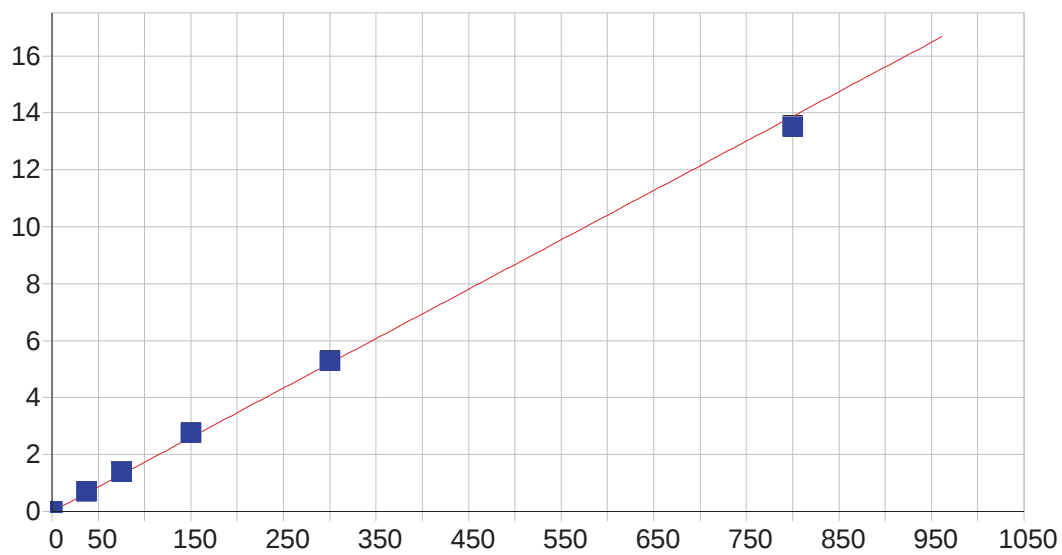


Cu 324.754 {104}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000752 Re-Slope: 1.000000
 A1 (Gain): 0.167854 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.001045
 Predicted MQL: 0.003482

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.02500	.02525	.000	1.00	.00496	.000	1
S2	3.7500	3.6419	-.108	-2.88	.61026	.003	1
S3	7.5000	7.3762	-.124	-1.65	1.2353	.004	1
S4	15.000	14.952	-.048	-.318	2.5034	.003	1
S5	30.000	30.279	.279	.931	5.0689	.006	1

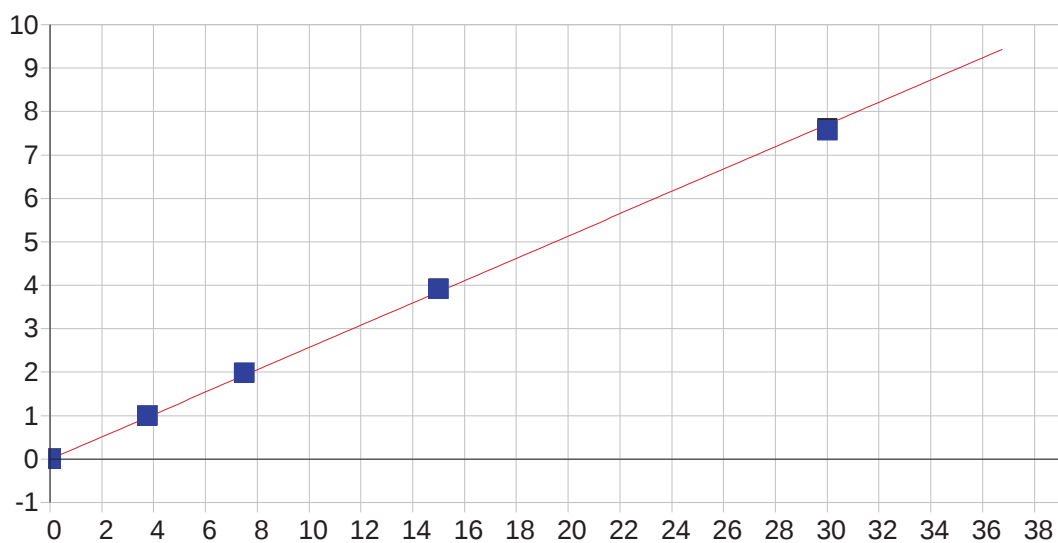


Fe 259.837 {130}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.017346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999370 Status: OK.
 Std Error of Est: 0.000269
 Predicted MDL: 0.006552
 Predicted MQL: 0.021839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00014	.000	1
S1	.10000	.11558	.016	15.6	.00215	.000	1
S2	37.500	40.227	2.73	7.27	.69869	.001	1
S3	75.000	80.245	5.24	6.99	1.3936	.005	1
S4	150.00	158.94	8.94	5.96	2.7602	.016	1
S5	300.00	304.23	4.23	1.41	5.2835	.012	1
S6	800.00	778.82	-21.2	-2.65	13.516	.034	1



Mn 257.610 {131}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000007

Re-Slope: 1.000000

A1 (Gain): 0.256764

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999786

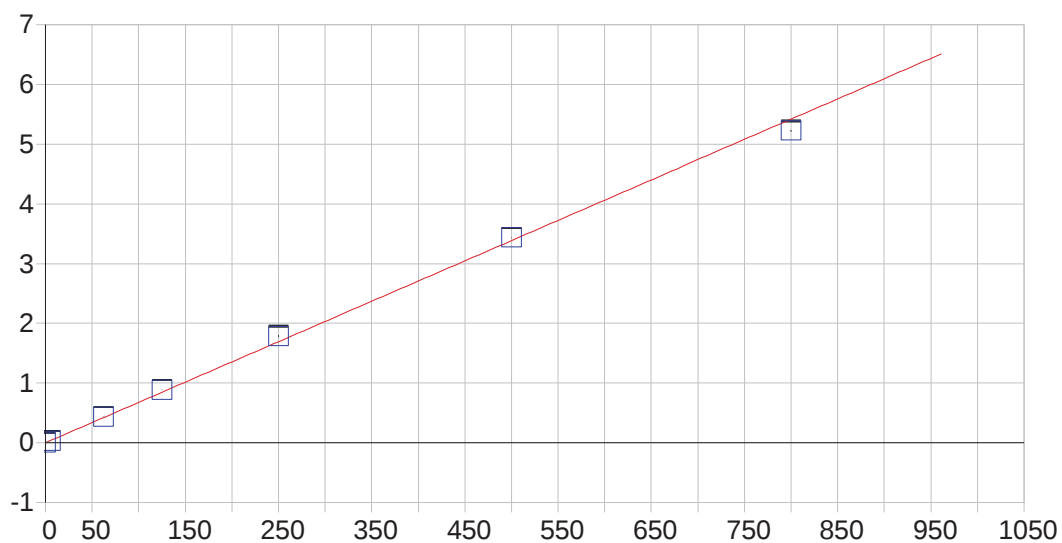
Status: OK.

Std Error of Est: 0.000189

Predicted MDL: 0.000436

Predicted MQL: 0.001455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01542	.000	2.79	.00397	.000	1
S2	3.7500	3.8536	.104	2.76	.98968	.004	1
S3	7.5000	7.7374	.237	3.16	1.9871	.008	1
S4	15.000	15.220	.220	1.46	3.9087	.008	1
S5	30.000	29.439	-.561	-1.87	7.5606	.042	1



Mg 279.079 {121}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000236

Re-Slope: 1.000000

A1 (Gain): 0.006772

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999373

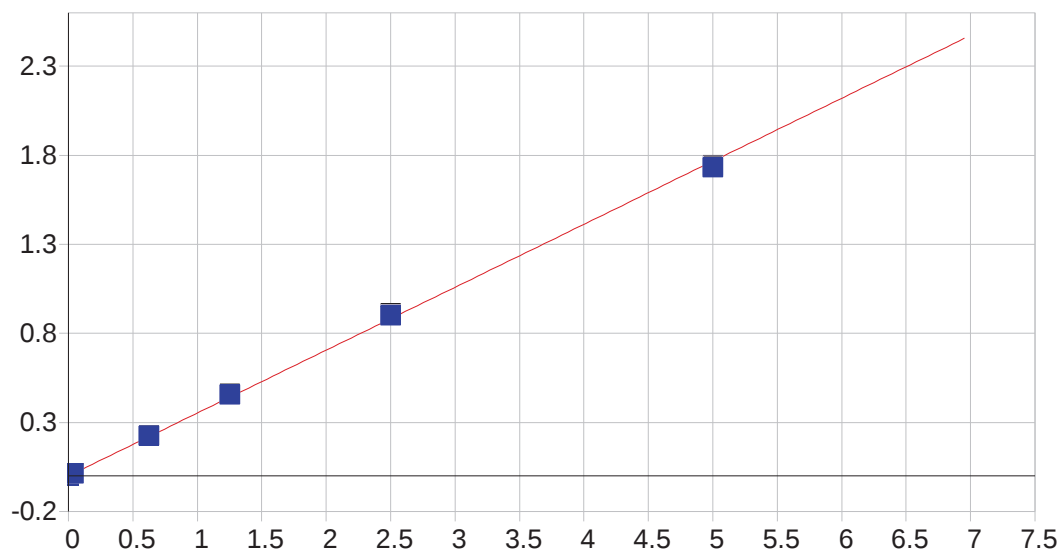
Status: OK.

Std Error of Est: 0.000837

Predicted MDL: 0.019367

Predicted MQL: 0.064556

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00047	.000	.000	-.00024	.000	1
S1	5.0000	4.9212	-.079	-1.58	.03309	.000	1
S2	62.500	64.411	1.91	3.06	.43597	.001	1
S3	125.00	130.48	5.48	4.38	.88339	.004	1
S4	250.00	263.85	13.9	5.54	1.7866	.010	1
S5	500.00	507.30	7.30	1.46	3.4353	.004	1
S6	800.00	771.54	-28.5	-3.56	5.2249	.012	1



Ni 231.604 {446}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000447

Re-Slope: 1.000000

A1 (Gain): 0.353395

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999763

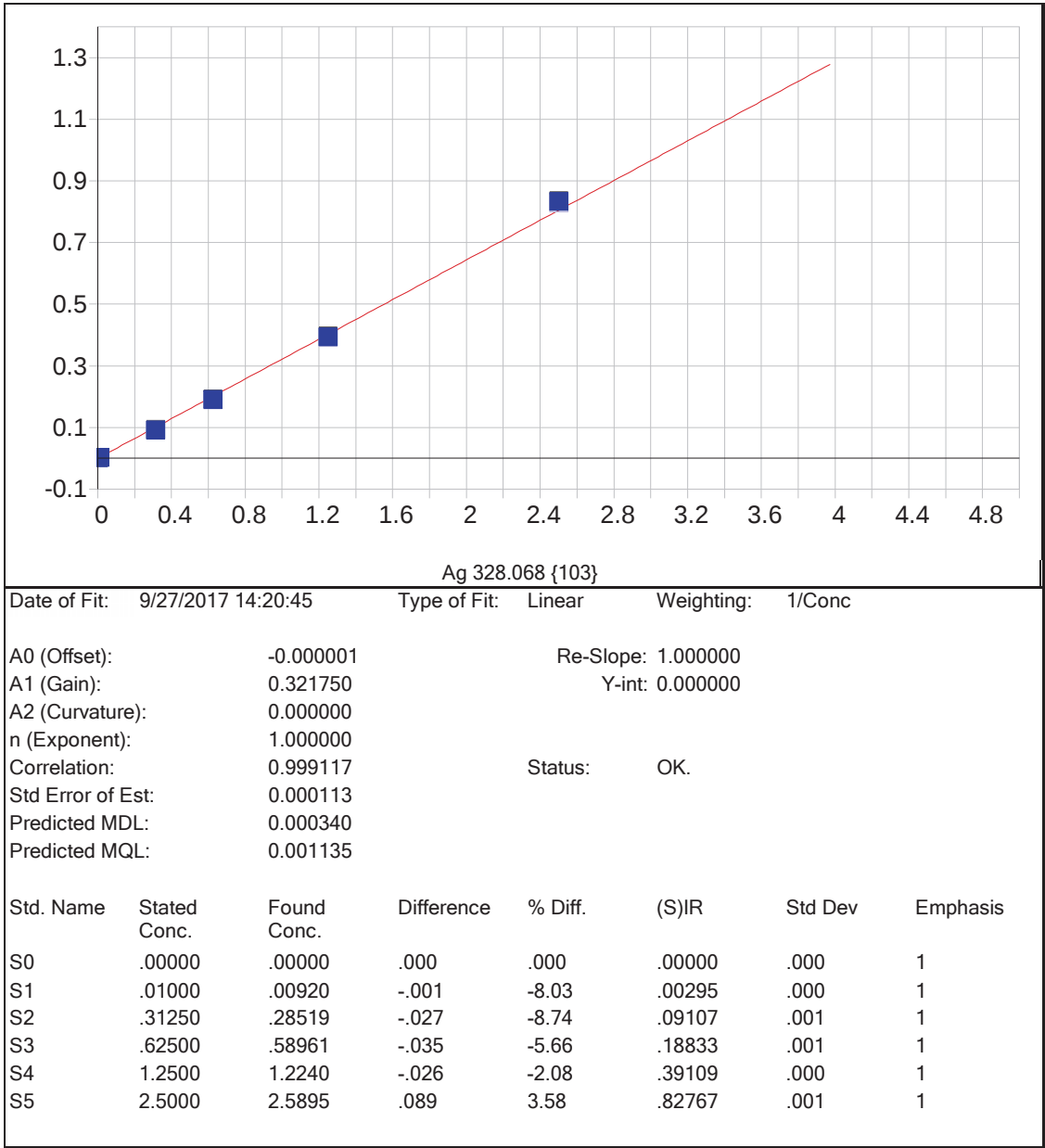
Status: OK.

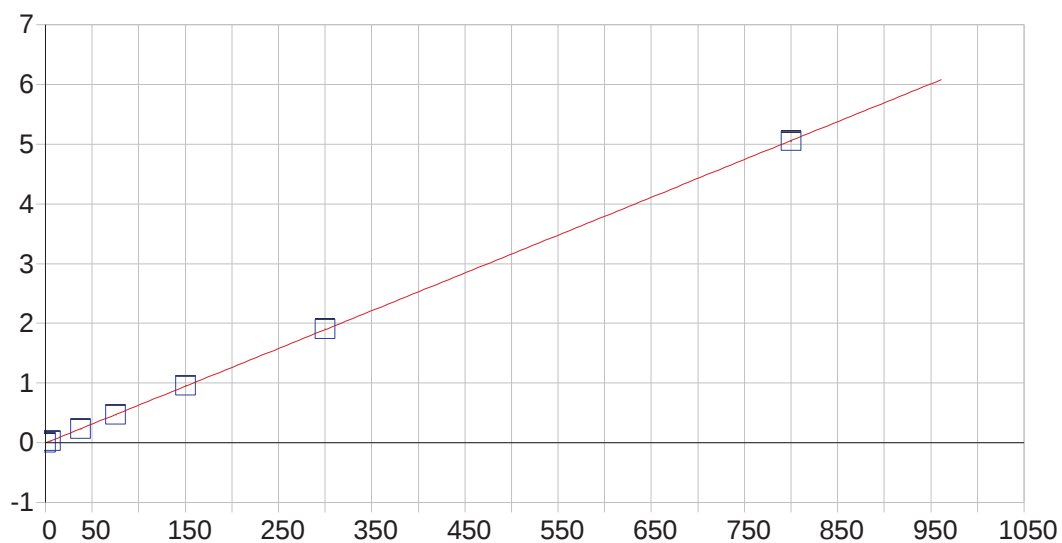
Std Error of Est: 0.000184

Predicted MDL: 0.000562

Predicted MQL: 0.001873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.04000	.03756	-.002	-6.10	.01284	.000	1
S2	.62500	.63764	.013	2.02	.22605	.000	1
S3	1.2500	1.2885	.039	3.08	.45724	.001	1
S4	2.5000	2.5495	.050	1.98	.90520	.005	1
S5	5.0000	4.9017	-.098	-1.97	1.7411	.003	1





Na 818.326 { 41}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002878

Re-Slope: 1.000000

A1 (Gain): 0.006327

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

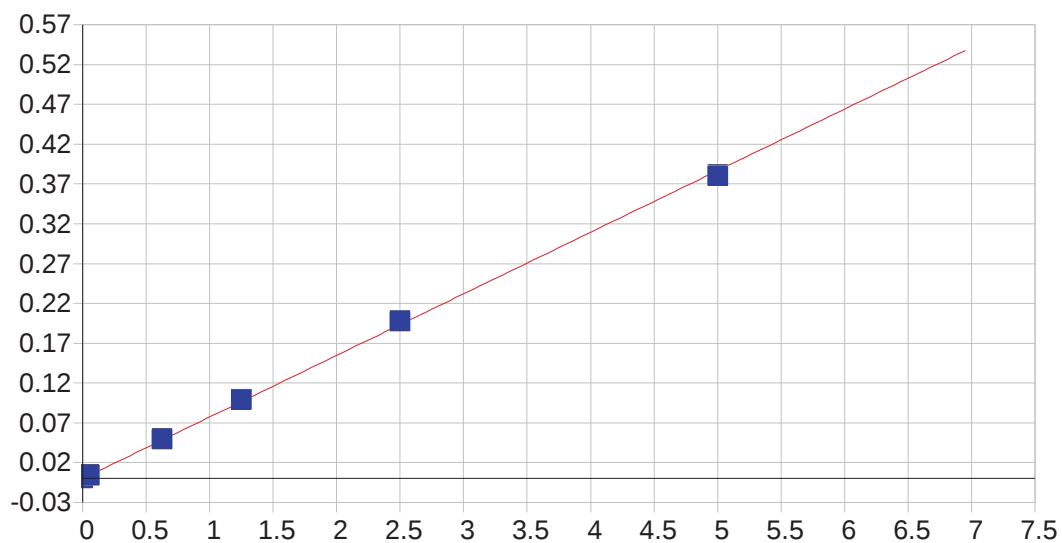
Status: OK.

Std Error of Est: 0.000144

Predicted MDL: 0.100744

Predicted MQL: 0.335812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	-.00287	.001	1
S1	5.0000	4.5509	-.449	-8.98	.02591	.001	1
S2	37.500	36.896	-.604	-1.61	.23055	.001	1
S3	75.000	74.714	-.286	-.381	.46981	.001	1
S4	150.00	151.41	1.41	.939	.95502	.002	1
S5	300.00	301.45	1.45	.484	1.9043	.004	1
S6	800.00	798.48	-1.52	-.190	5.0488	.017	1

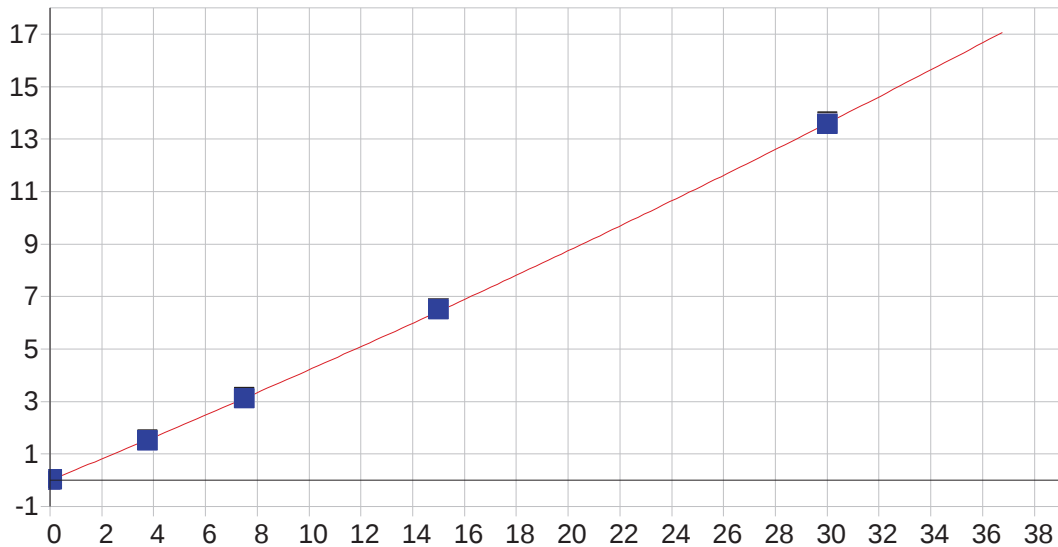


V 292.402 {115}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.077336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001933
 Predicted MQL: 0.006444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.05000	.05089	.001	1.77	.00392	.000	1
S2	.62500	.63557	.011	1.69	.04933	.000	1
S3	1.2500	1.2764	.026	2.11	.09908	.001	1
S4	2.5000	2.5532	.053	2.13	.19823	.001	1
S5	5.0000	4.9090	-.091	-1.82	.38122	.001	1



Zn 213.856 {158}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000927

Re-Slope: 1.000000

A1 (Gain): 0.404762

Y-int: 0.000000

A2 (Curvature): 0.001620

n (Exponent): 1.000000

Correlation: 0.999965

Status: Warning

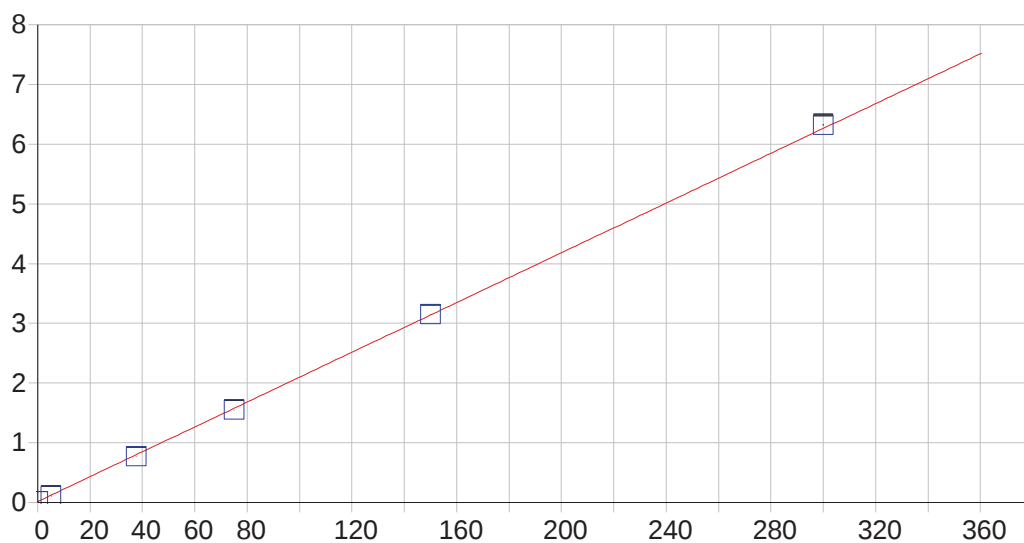
Positive Curvature

Std Error of Est: 0.000303

Predicted MDL: 0.003045

Predicted MQL: 0.010151

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00093	.001	1
S1	.06000	.05506	-.005	-8.24	.02145	.002	1
S2	3.7500	3.6751	-.075	-2.00	1.5121	.015	1
S3	7.5000	7.4725	-.027	-.366	3.1214	.036	1
S4	15.000	15.168	.168	1.12	6.5260	.010	1
S5	30.000	29.938	-.062	-.208	13.598	.049	1



K 769.896 { 44}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.016425

Re-Slope: 1.000000

A1 (Gain): 0.020821

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999845

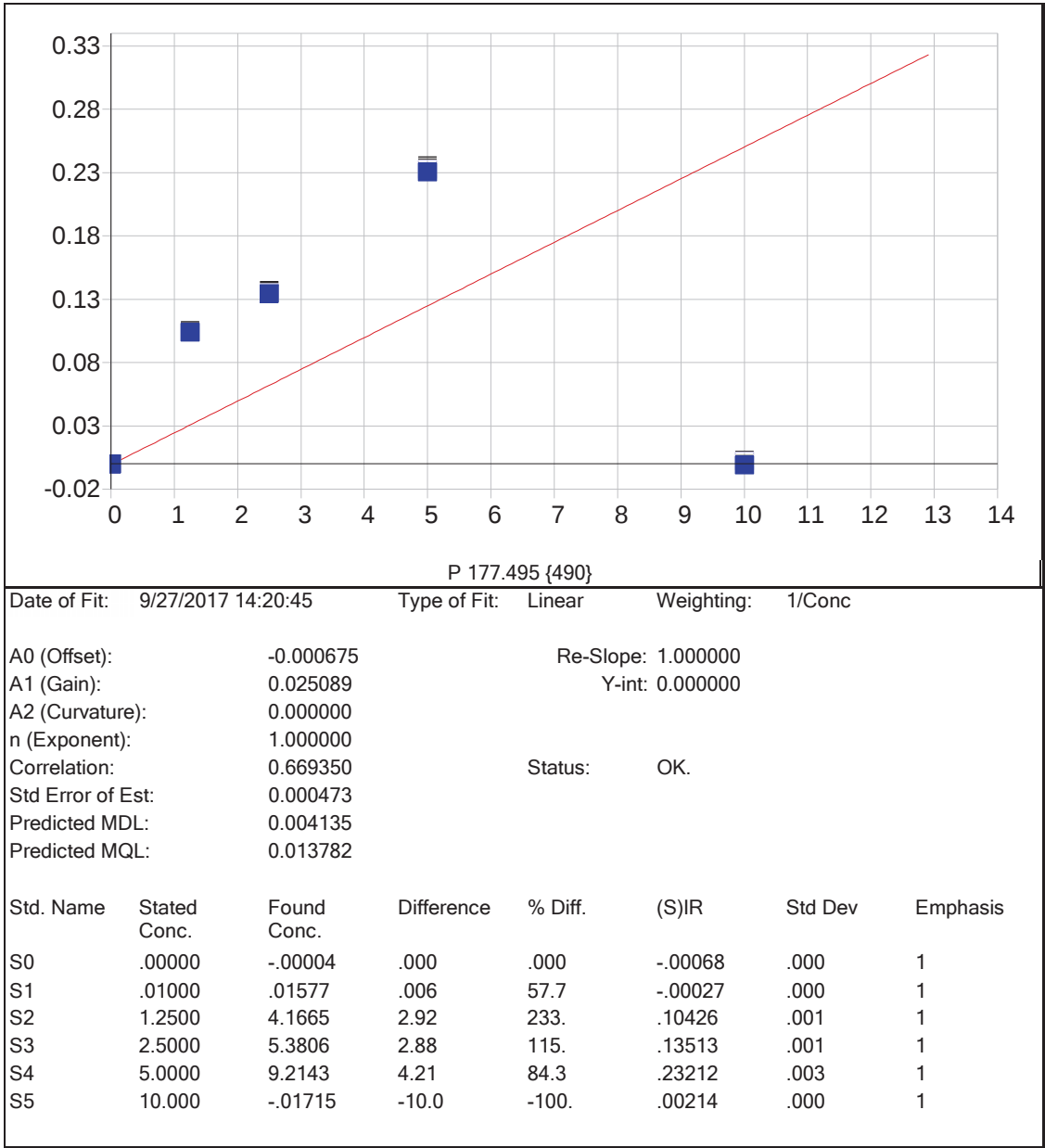
Status: OK.

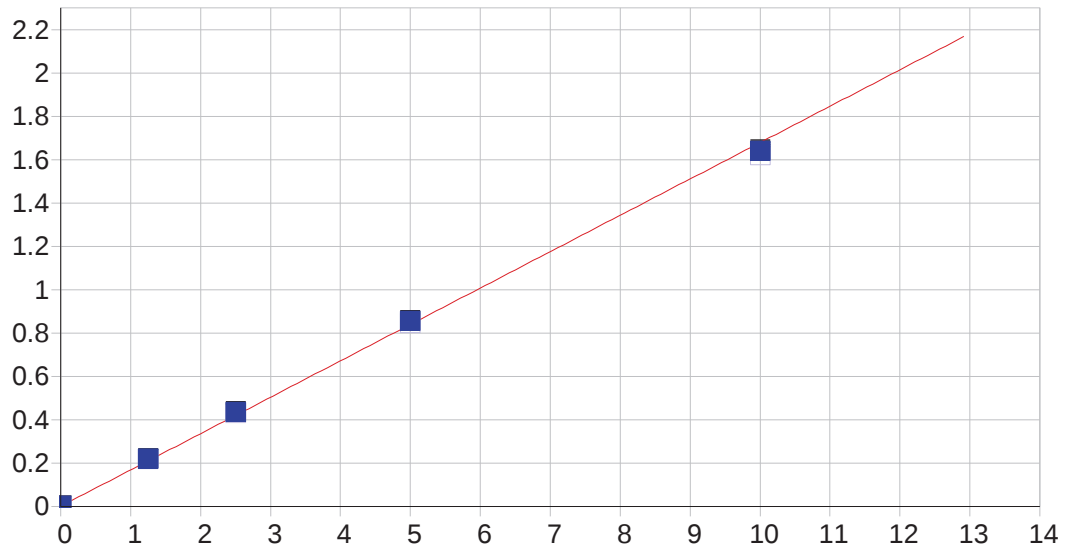
Std Error of Est: 0.000756

Predicted MDL: 0.025566

Predicted MQL: 0.085220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00080	.001	.000	.01644	.000	1
S1	5.0000	4.4203	-.580	-11.6	.10846	.001	1
S2	37.500	36.067	-1.43	-3.82	.76738	.003	1
S3	75.000	73.639	-1.36	-1.81	1.5497	.006	1
S4	150.00	150.48	.481	.321	3.1496	.004	1
S5	300.00	302.89	2.89	.964	6.3230	.012	1



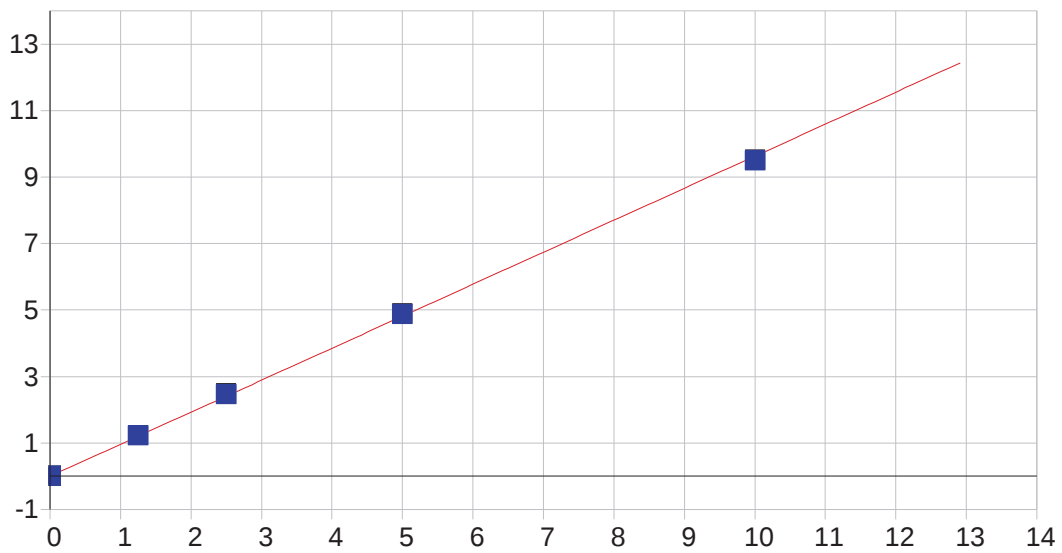


B 249.678 {135}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000735 Re-Slope: 1.000000
 A1 (Gain): 0.167792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999658 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001064
 Predicted MQL: 0.003546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00073	.000	1
S1	.01000	.01149	.001	14.9	.00267	.000	1
S2	1.2500	1.3008	.051	4.06	.21637	.000	1
S3	2.5000	2.5841	.084	3.36	.42907	.003	1
S4	5.0000	5.0980	.098	1.96	.84564	.002	1
S5	10.000	9.7656	-.234	-2.34	1.6183	.005	1

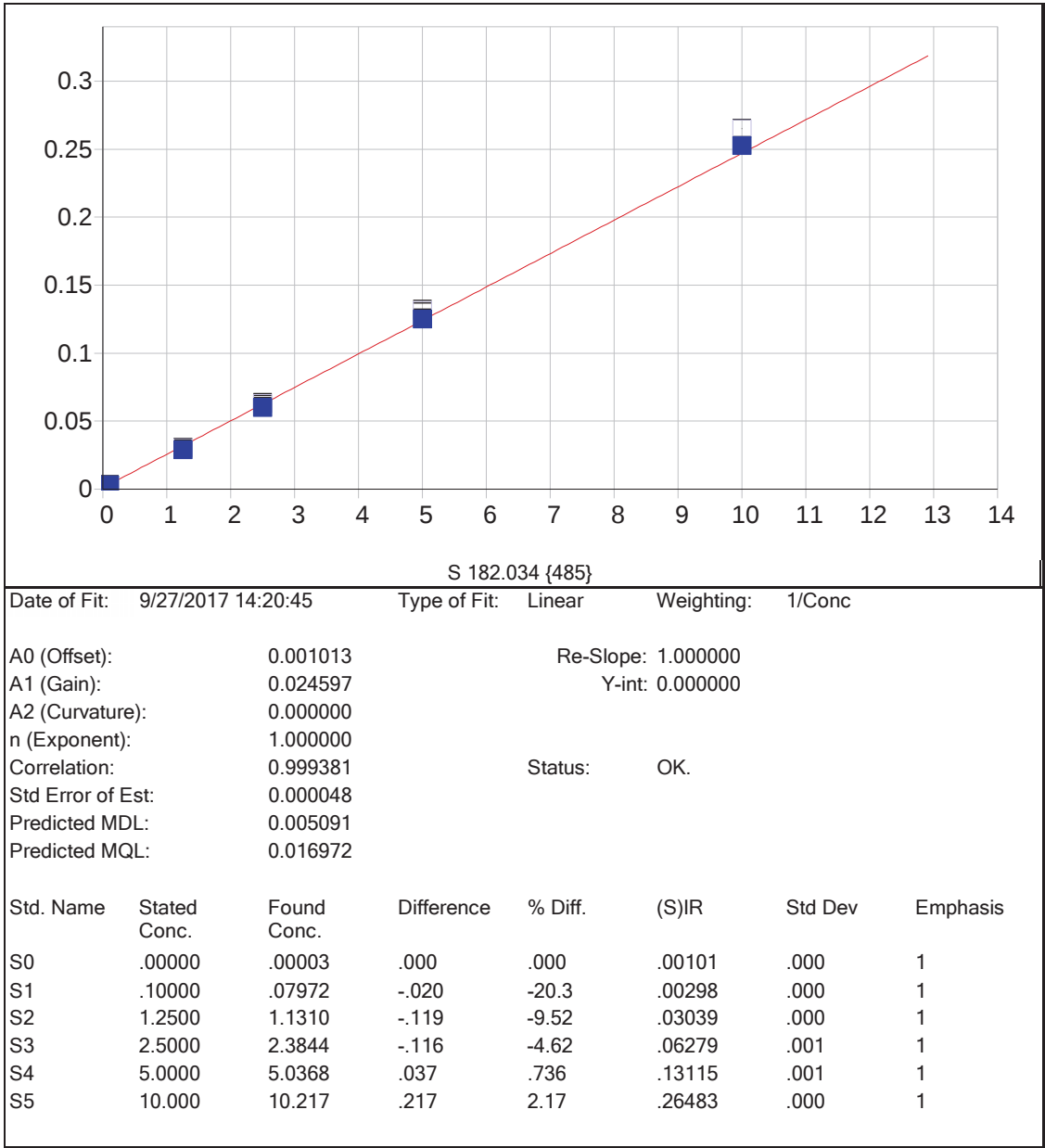


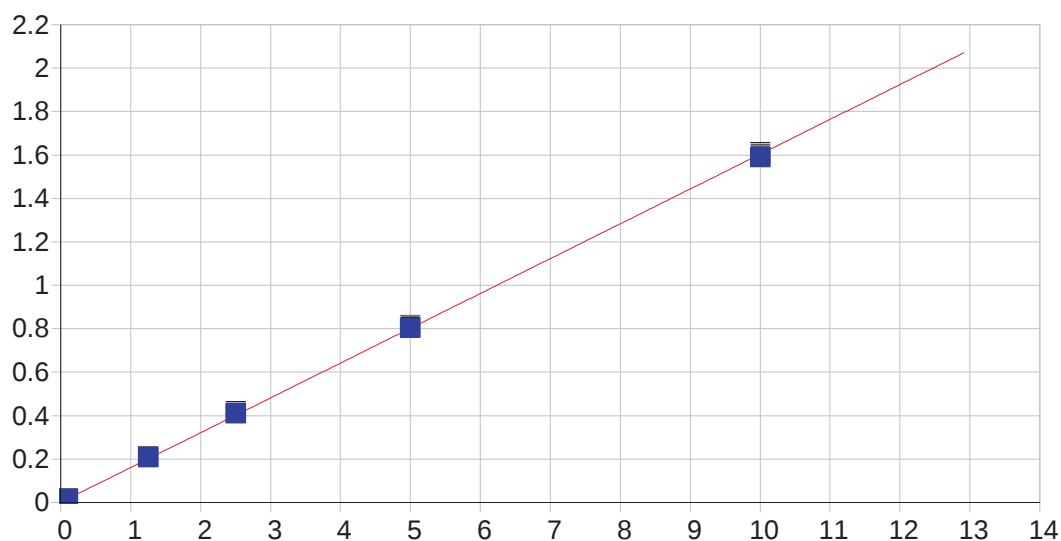
Mo 202.030 {467}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000175 Re-Slope: 1.000000
 A1 (Gain): 0.962762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.000338
 Predicted MQL: 0.001126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01063	.001	6.29	.01043	.000	1
S2	1.2500	1.2691	.019	1.53	1.2231	.003	1
S3	2.5000	2.5570	.057	2.28	2.4642	.013	1
S4	5.0000	5.0584	.058	1.17	4.8745	.013	1
S5	10.000	9.8649	-.135	-1.35	9.5065	.007	1



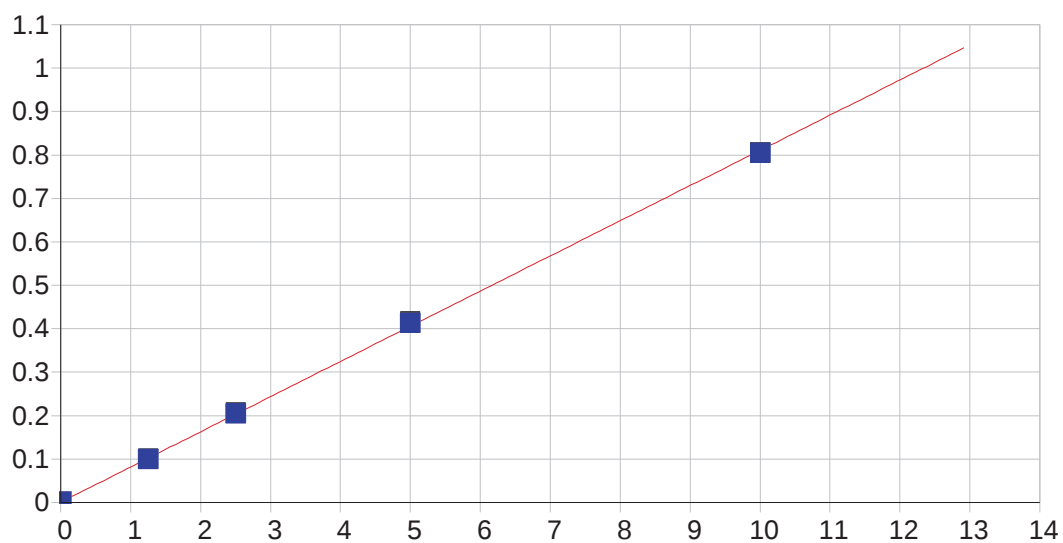


Si 251.611 {134}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000790 Re-Slope: 1.000000
 A1 (Gain): 0.160316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.001159
 Predicted MQL: 0.003863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.10000	.09187	-.008	-8.13	.01558	.000	1
S2	1.2500	1.2928	.043	3.42	.21040	.001	1
S3	2.5000	2.5540	.054	2.16	.41496	.004	1
S4	5.0000	5.0113	.011	.226	.81362	.002	1
S5	10.000	9.8999	-.100	-1.00	1.6068	.004	1



Sn 189.989 {478}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000685

Re-Slope: 1.000000

A1 (Gain): 0.081005

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999908

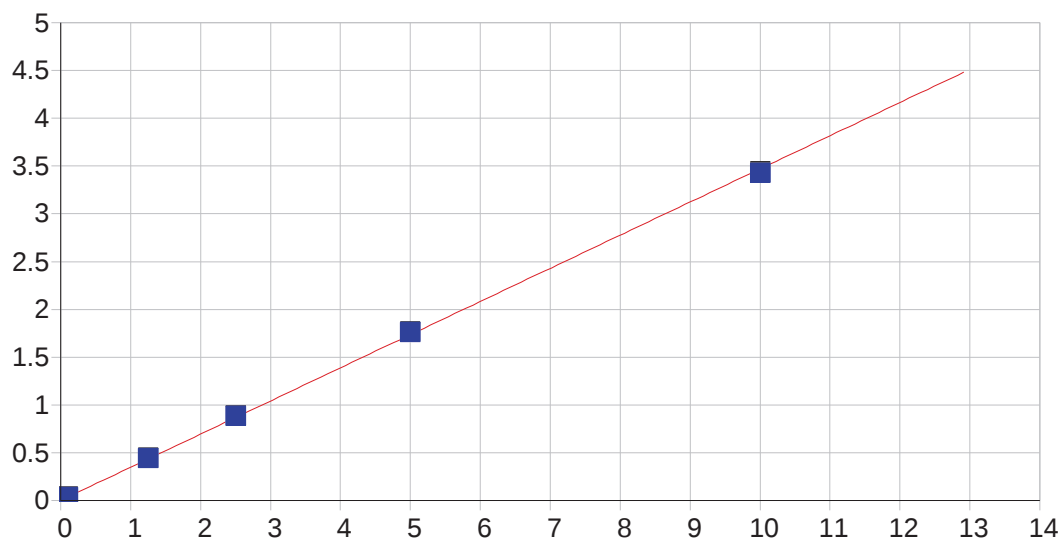
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.001506

Predicted MQL: 0.005020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00069	.000	1
S1	.00700	.00811	.001	15.8	.00133	.000	1
S2	1.2500	1.2164	-.034	-2.69	.09914	.000	1
S3	2.5000	2.5120	.012	.479	.20401	.001	1
S4	5.0000	5.0939	.094	1.88	.41300	.002	1
S5	10.000	9.9266	-.073	-.734	.80415	.001	1



Ti 336.121 {100}

Date of Fit: 9/27/2017 14:20:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000711

Re-Slope: 1.000000

A1 (Gain): 0.347000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999898

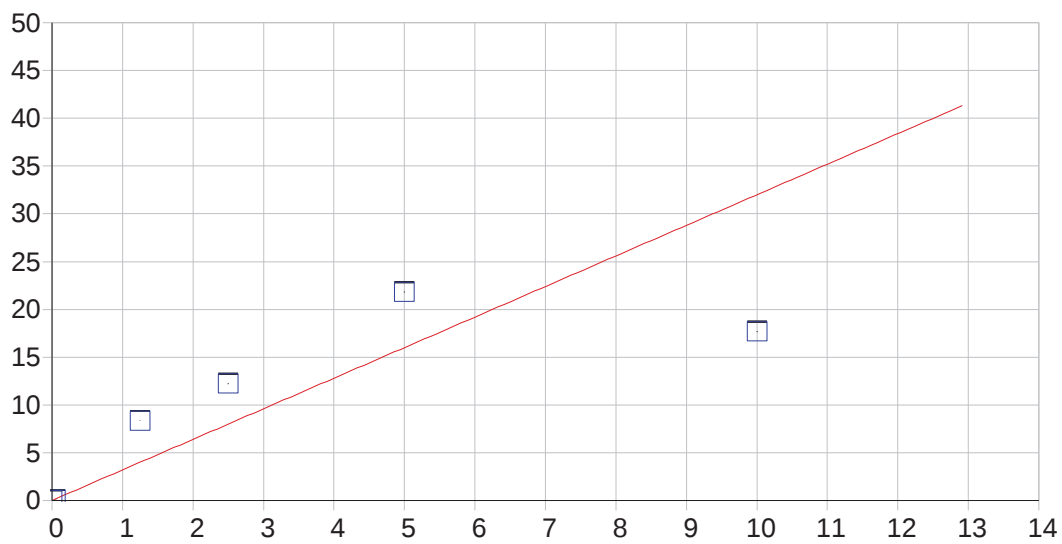
Status: OK.

Std Error of Est: 0.000264

Predicted MDL: 0.000633

Predicted MQL: 0.002111

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.10000	.09575	-.004	-4.25	.03393	.000	1
S2	1.2500	1.2660	.016	1.28	.43986	.001	1
S3	2.5000	2.5474	.047	1.90	.88438	.002	1
S4	5.0000	5.0686	.069	1.37	1.7589	.006	1
S5	10.000	9.8722	-.128	-1.28	3.4252	.012	1

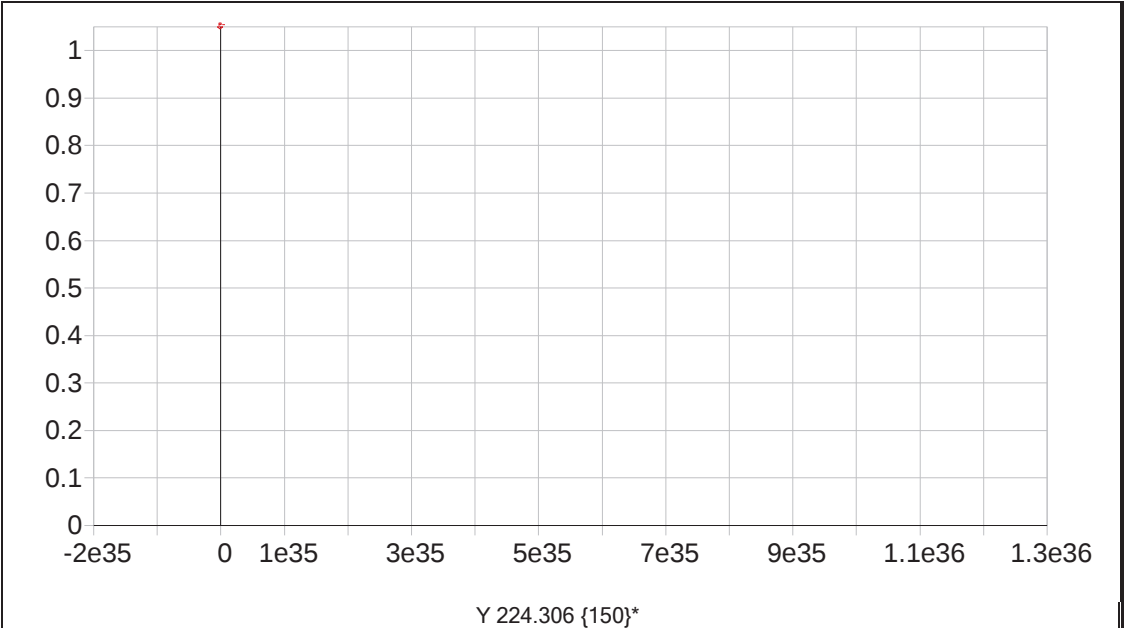


Li 670.784 { 50}

Date of Fit: 9/27/2017 14:20:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003909 Re-Slope: 1.000000
 A1 (Gain): 3.198733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.891475 Status: OK.
 Std Error of Est: 0.061009
 Predicted MDL: 0.000222
 Predicted MQL: 0.000740

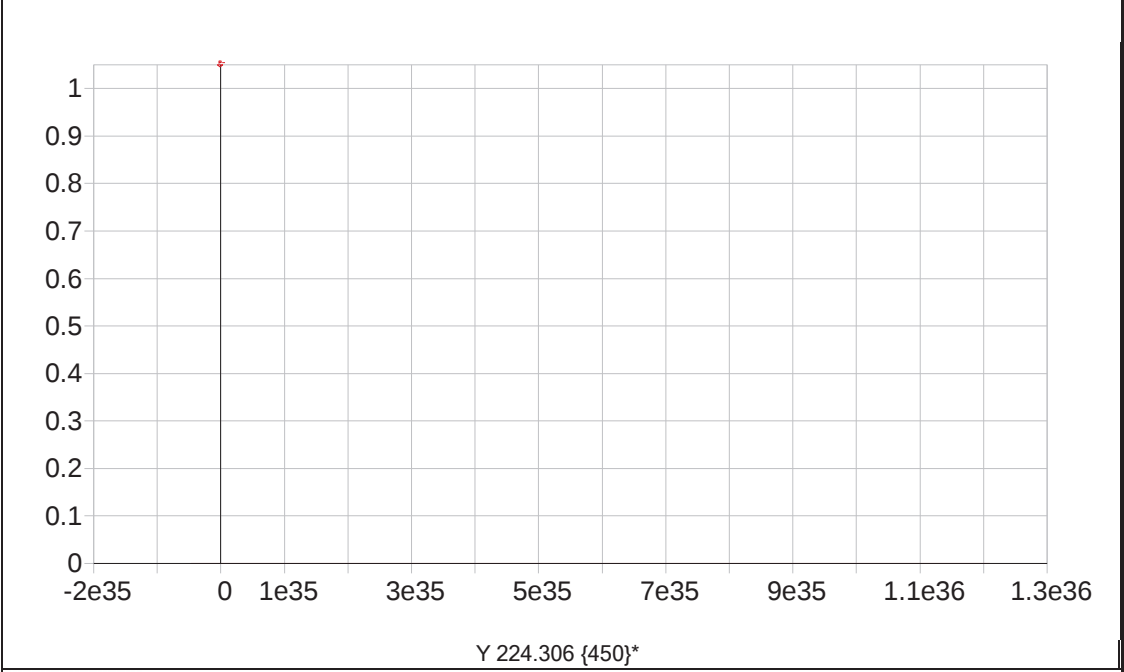
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	.00375	.000	1
S5	10.000	5.5255	-4.47	-44.7	17.679	.038	1
S4	5.0000	6.8177	1.82	36.4	21.812	.081	1
S3	2.5000	3.8238	1.32	53.0	12.235	.053	1
S2	1.2500	2.6092	1.36	109.	8.3499	.033	1
S1	.05000	.02379	-.026	-52.4	.08000	.001	1



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

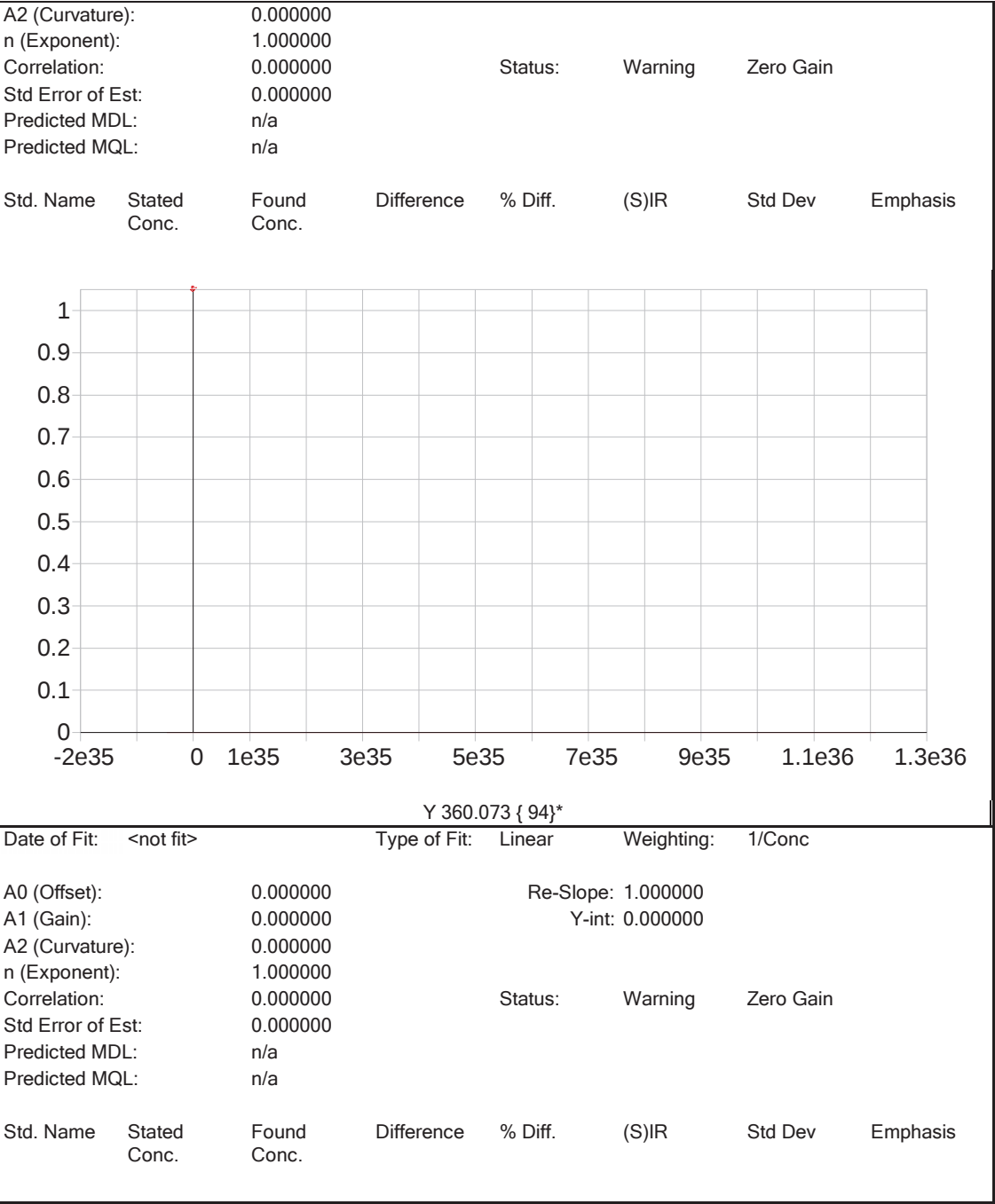
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

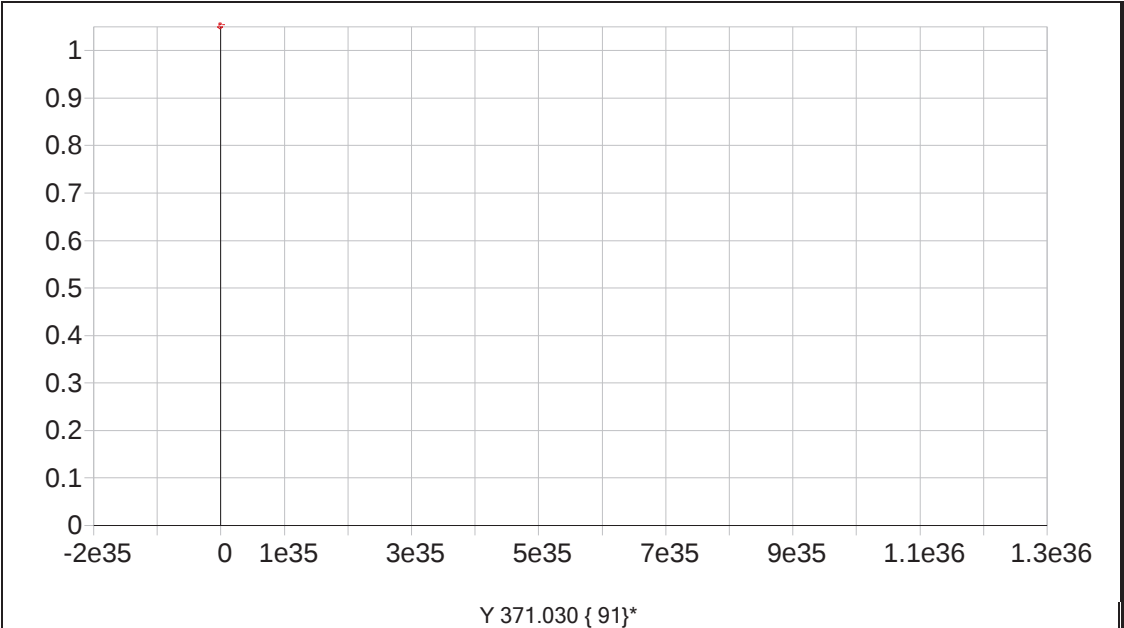
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

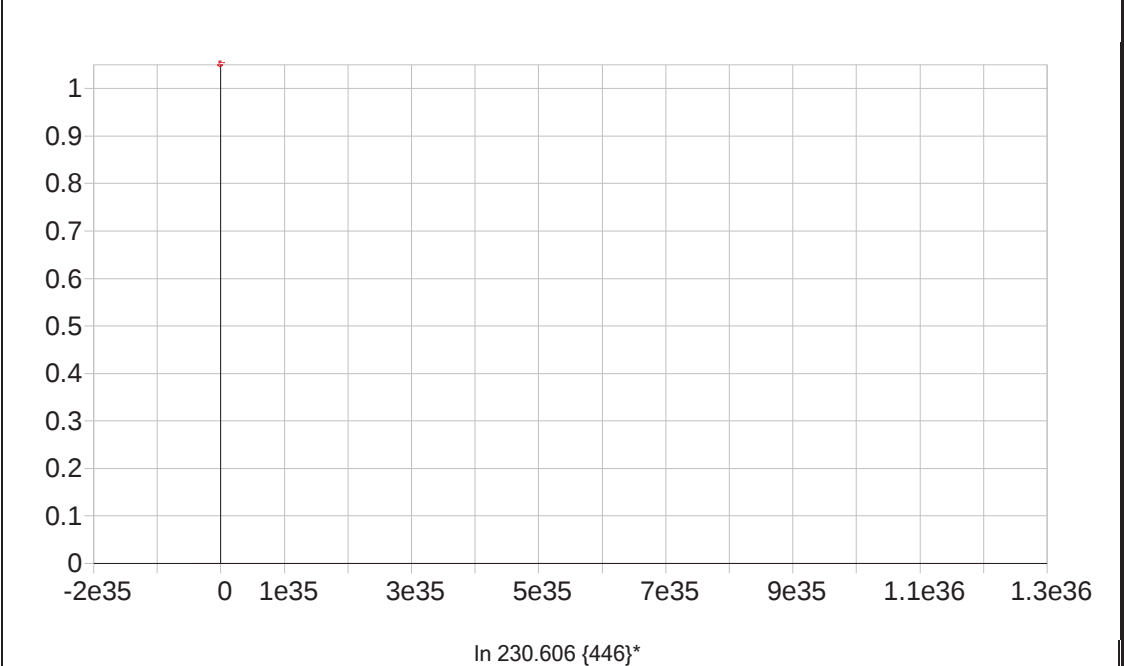




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

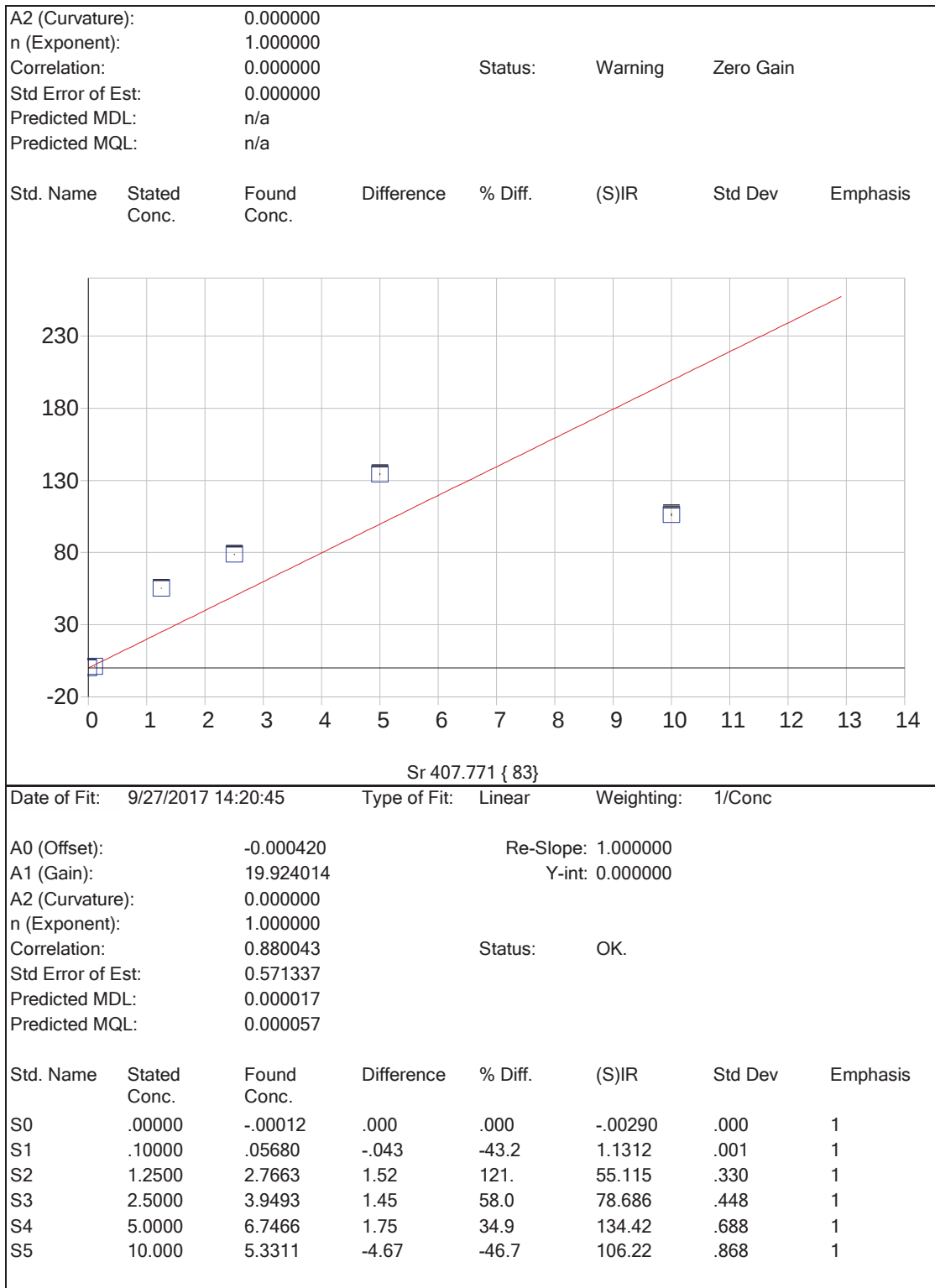
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 9/27/2017 13:53:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	-.00047	-.00025	-.00016	.00049	.00010	-.00002	-.06519	-.00117
Stddev	.00009	.00009	.00017	.00014	.00019	.00017	.00085	.00020
%RSD	17.980	36.619	107.46	27.775	190.40	823.23	1.3099	17.174

#1	-.00043	-.00036	-.00027	.00037	.00027	-.00015	-.06611	-.00140
#2	-.00057	-.00019	-.00023	.00046	-.00010	-.00007	-.06505	-.00105
#3	-.00042	-.00020	.00004	.00064	.00013	.00017	-.06442	-.00105

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	-.00031	.00082	.00008	-.00034	.00075	.00014	.00001	-.00024
Stddev	.00003	.00031	.00004	.00010	.00018	.00002	.00007	.00003
%RSD	9.5974	37.987	46.200	30.143	23.694	12.441	974.94	10.888

#1	-.00030	.00052	.00012	-.00024	.00088	.00013	.00009	-.00021
#2	-.00030	.00114	.00004	-.00034	.00083	.00013	-.00004	-.00024
#3	-.00035	.00079	.00007	-.00044	.00055	.00016	-.00002	-.00026

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	-.00045	.00000	-.00287	-.00003	-.00093	.01644	-.00068	.00073
Stddev	.00001	.0001	.00078	.00008	.00058	.00035	.00002	.00009
%RSD	2.4521	13426.	27.070	303.79	62.989	2.1535	3.2771	12.070

#1	-.00043	.00001	-.00265	.00006	-.00111	.01676	-.00065	.00071
#2	-.00046	.00007	-.00223	-.00009	-.00027	.01650	-.00068	.00066
#3	-.00045	-.00008	-.00374	-.00004	-.00139	.01606	-.00070	.00083

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	.00017	.00101	.00079	.00069	.00071	.00375	-.00290	
Stddev	.00020	.00023	.00018	.00006	.00006	.00009	.00022	
%RSD	112.63	23.108	22.956	9.1023	7.7471	2.3578	7.5172	

#1	.00010	.00097	.00058	.00061	.00067	.00380	-.00314	
#2	.00003	.00126	.00086	.00073	.00069	.00380	-.00284	
#3	.00040	.00080	.00092	.00071	.00077	.00365	-.00272	

Sample Name: S0 Acquired: 9/27/2017 13:53:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	737.54	1309.5	33839.	11338.	2759.0
Stddev	6.00	4.7	87.	20.	8.4
%RSD	.81287	.36078	.25622	.17576	.30408
#1	744.36	1304.1	33937.	11351.	2752.6
#2	733.11	1311.7	33809.	11348.	2756.0
#3	735.16	1312.7	33771.	11315.	2768.5

Sample Name: S1 Acquired: 9/27/2017 13:58:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.00003	.00082	.00133	.00323	.01107	.01664	.59001	.00790
Stddev	.00032	.00008	.00006	.00022	.00006	.00056	.00060	.00016
%RSD	1190.3	9.3819	4.2893	6.6873	.53132	3.3570	.10103	2.0267

#1	.00030	.00077	.00126	.00301	.01108	.01691	.59069	.00796
#2	-.00032	.00078	.00136	.00324	.01112	.01701	.58959	.00772
#3	.00010	.00091	.00136	.00344	.01100	.01599	.58975	.00802

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	.00680	.12111	.00111	.02727	.00496	.00215	.00397	.03309
Stddev	.00020	.00029	.00002	.00023	.00020	.00009	.00016	.00044
%RSD	2.9874	.24181	2.0781	.83943	4.1032	4.3004	4.0326	1.3349

#1	.00658	.12096	.00112	.02701	.00473	.00224	.00380	.03355
#2	.00698	.12092	.00109	.02742	.00508	.00216	.00412	.03306
#3	.00683	.12145	.00113	.02739	.00508	.00206	.00399	.03266

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	.01284	.00295	.02591	.00392	.02145	.10846	-.00027	.00267
Stddev	.00018	.00005	.00072	.00020	.00205	.00064	.00009	.00028
%RSD	1.3759	1.6597	2.7818	4.9916	9.5519	.58837	31.386	10.626

#1	.01272	.00300	.02621	.00370	.02317	.10839	-.00020	.00280
#2	.01276	.00294	.02509	.00398	.01918	.10913	-.00037	.00286
#3	.01305	.00290	.02644	.00408	.02202	.10786	-.00025	.00234

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	.01043	.00298	.01558	.00133	.03393	.08000	1.1312	
Stddev	.00045	.00003	.00009	.00001	.00028	.00065	.0009	
%RSD	4.3186	1.1015	.59500	1.0337	.81454	.81475	.08209	

#1	.01062	.00295	.01566	.00132	.03391	.08056	1.1323	
#2	.01076	.00301	.01559	.00134	.03366	.08016	1.1308	
#3	.00992	.00298	.01548	.00134	.03421	.07929	1.1305	

Sample Name: S1 Acquired: 9/27/2017 13:58:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	727.24	1286.3	33112.	11241.	2671.1
Stddev	2.24	5.1	74.	11.	6.6
%RSD	.30853	.39631	.22461	.09580	.24815
#1	726.31	1280.7	33027.	11250.	2663.7
#2	729.80	1287.4	33149.	11245.	2673.2
#3	725.61	1290.7	33161.	11229.	2676.5

Sample Name: S2 Acquired: 9/27/2017 14:02:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.06137	.05528	.98083	.10482	.23938	3.3726	9.6480	.20463
Stddev	.00050	.00035	.00301	.00065	.00138	.0069	.0300	.00113
%RSD	.81398	.63658	.30735	.61705	.57600	.20619	.31053	.55042

#1	.06151	.05562	.97899	.10427	.23940	3.3804	9.6715	.20555
#2	.06081	.05492	.97920	.10466	.23799	3.3704	9.6581	.20337
#3	.06178	.05530	.98431	.10554	.24075	3.3671	9.6142	.20495

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	.88544	1.6031	.39952	.37965	.61026	.69869	.98968	.43597
Stddev	.00491	.0041	.00114	.00161	.00335	.00135	.00378	.00122
%RSD	.55494	.25345	.28450	.42332	.54942	.19334	.38207	.27949

#1	.88286	1.5985	.39870	.37855	.61413	.69946	.98550	.43721
#2	.88235	1.6046	.40082	.37890	.60841	.69713	.99065	.43477
#3	.89110	1.6062	.39903	.38149	.60824	.69948	.99288	.43595

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	.22605	.09107	.23055	.04933	1.5121	.76738	.10426	.21637
Stddev	.00035	.00059	.00069	.00024	.0151	.00333	.00052	.00029
%RSD	.15282	.64352	.29852	.49550	1.0012	.43399	.49847	.13448

#1	.22592	.09040	.23080	.04933	1.5017	.77122	.10477	.21657
#2	.22580	.09149	.22977	.04908	1.5052	.76557	.10373	.21604
#3	.22645	.09132	.23107	.04957	1.5295	.76534	.10430	.21651

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	1.2231	.03039	.21040	.09914	.43986	8.3499	55.115	
Stddev	.0031	.00043	.00053	.00039	.00066	.0332	.330	
%RSD	.25140	1.4144	.24970	.39250	.14923	.39750	.59868	

#1	1.2240	.03046	.21060	.09875	.44033	8.3830	55.357	
#2	1.2196	.02993	.20981	.09913	.44015	8.3501	54.739	
#3	1.2256	.03079	.21080	.09953	.43911	8.3166	55.249	

Sample Name: S2 Acquired: 9/27/2017 14:02:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	677.58	1199.4	31118.	11004.	2306.0
Stddev	.58	3.4	65.	37.	4.0
%RSD	.08605	.28580	.20813	.33470	.17389
#1	677.11	1195.7	31146.	10965.	2301.7
#2	678.23	1202.5	31164.	11038.	2309.6
#3	677.40	1200.2	31044.	11010.	2306.7

Sample Name: S3 Acquired: 9/27/2017 14:06:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.12586	.10889	1.9737	.21150	.49131	6.9405	19.495	.41440
Stddev	.00074	.00088	.0120	.00172	.00222	.0220	.030	.00444
%RSD	.58900	.81069	.60926	.81269	.45204	.31723	.15632	1.0706

#1	.12530	.10811	1.9710	.21030	.49092	6.9413	19.481	.41920
#2	.12559	.10872	1.9633	.21073	.48931	6.9621	19.530	.41355
#3	.12670	.10985	1.9869	.21347	.49370	6.9181	19.474	.41044

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	1.7980	3.2797	.78938	.77335	1.2353	1.3936	1.9871	.88339
Stddev	.0151	.0121	.00284	.00315	.0043	.0054	.0075	.00418
%RSD	.84224	.36898	.35992	.40744	.34613	.38673	.37898	.47357

#1	1.7902	3.2934	.79128	.77191	1.2331	1.3994	1.9957	.88669
#2	1.7885	3.2708	.79075	.77118	1.2402	1.3926	1.9816	.88479
#3	1.8155	3.2747	.78611	.77697	1.2326	1.3888	1.9840	.87868

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	.45724	.18833	.46981	.09908	3.1214	1.5497	.13513	.42907
Stddev	.00147	.00066	.00115	.00068	.0361	.0059	.00140	.00336
%RSD	.32068	.35227	.24488	.68923	1.1553	.37795	1.0367	.78292

#1	.45663	.18776	.47046	.09978	3.0883	1.5496	.13387	.43253
#2	.45617	.18906	.47048	.09906	3.1161	1.5556	.13487	.42884
#3	.45891	.18818	.46848	.09841	3.1599	1.5438	.13664	.42582

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	2.4642	.06279	.41496	.20401	.88438	12.235	78.686	
Stddev	.0126	.00084	.00399	.00142	.00184	.053	.448	
%RSD	.51179	1.3321	.96265	.69608	.20835	.43126	.56947	

#1	2.4528	.06258	.41909	.20253	.88393	12.196	79.193	
#2	2.4620	.06207	.41466	.20414	.88640	12.295	78.344	
#3	2.4777	.06371	.41112	.20536	.88279	12.214	78.521	

Sample Name: S3 Acquired: 9/27/2017 14:06:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	647.47	1139.9	30015.	10773.	2129.4
Stddev	5.66	1.1	72.	65.	5.6
%RSD	.87368	.09815	.23854	.60659	.26213
#1	653.89	1138.8	30097.	10715.	2127.0
#2	645.34	1141.0	29985.	10759.	2135.8
#3	643.19	1139.9	29963.	10844.	2125.4

Sample Name: S4 Acquired: 9/27/2017 14:10:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.25944	.21088	3.8889	.42791	1.0059	14.354	38.485	.84432
Stddev	.00175	.00204	.0158	.00182	.0024	.029	.326	.00462
%RSD	.67622	.96798	.40550	.42565	.24001	.19895	.84788	.54776

#1	.25984	.21062	3.8788	.42812	1.0042	14.386	38.821	.84336
#2	.25752	.20898	3.8809	.42600	1.0048	14.343	38.465	.84935
#3	.26096	.21304	3.9071	.42962	1.0086	14.333	38.169	.84025

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5867	6.6436	1.5243	1.5517	2.5034	2.7602	3.9087	1.7866
Stddev	.0172	.0238	.0032	.0069	.0031	.0157	.0077	.0102
%RSD	.47970	.35829	.21199	.44632	.12237	.56775	.19799	.57145

#1	3.5780	6.6530	1.5219	1.5478	2.5066	2.7615	3.9117	1.7916
#2	3.5755	6.6613	1.5231	1.5475	2.5030	2.7753	3.9144	1.7934
#3	3.6065	6.6165	1.5280	1.5597	2.5005	2.7440	3.8999	1.7749

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	.90520	.39109	.95502	.19823	6.5260	3.1496	.23212	.84564
Stddev	.00549	.00048	.00195	.00074	.0100	.0039	.00284	.00247
%RSD	.60638	.12373	.20394	.37334	.15288	.12288	1.2230	.29254

#1	.90333	.39146	.95724	.19861	6.5212	3.1530	.23165	.84689
#2	.90089	.39128	.95424	.19870	6.5193	3.1504	.22955	.84723
#3	.91138	.39054	.95359	.19737	6.5375	3.1454	.23517	.84279

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	4.8745	.13115	.81362	.41300	1.7589	21.812	134.42	
Stddev	.0125	.00087	.00177	.00194	.0056	.081	.69	
%RSD	.25653	.66330	.21774	.47013	.31947	.36955	.51162	

#1	4.8681	.13109	.81564	.41223	1.7625	21.871	134.68	
#2	4.8666	.13032	.81291	.41156	1.7619	21.720	134.94	
#3	4.8890	.13206	.81232	.41521	1.7525	21.845	133.64	

Sample Name: S4 Acquired: 9/27/2017 14:10:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	607.04	1072.2	28769.	10518.	1946.5
Stddev	.22	.4	72.	52.	3.3
%RSD	.03568	.03608	.25018	.49658	.17160
#1	607.28	1072.6	28745.	10496.	1949.0
#2	606.86	1072.1	28850.	10480.	1947.7
#3	606.97	1071.8	28712.	10577.	1942.7

Sample Name: S5 Acquired: 9/27/2017 14:14:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.53145	.39166	7.4652	.85745	2.0716	29.057	74.216	1.6935
Stddev	.00155	.00108	.0266	.00249	.0029	.055	.823	.0058
%RSD	.29116	.27531	.35618	.29067	.14056	.19065	1.1094	.34302

#1	.53113	.39142	7.4627	.85787	2.0701	29.019	73.627	1.6928
#2	.53010	.39072	7.4399	.85477	2.0698	29.032	75.157	1.6997
#3	.53314	.39283	7.4929	.85970	2.0750	29.121	73.864	1.6881

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.8974	13.162	2.8719	3.0217	5.0689	5.2835	7.5606	3.4353
Stddev	.0080	.070	.0089	.0092	.0062	.0123	.0418	.0040
%RSD	.11525	.53094	.31017	.30336	.12280	.23216	.55306	.11497

#1	6.9044	13.104	2.8633	3.0238	5.0753	5.2706	7.5397	3.4309
#2	6.8888	13.239	2.8811	3.0116	5.0686	5.2851	7.6087	3.4367
#3	6.8990	13.142	2.8713	3.0295	5.0628	5.2950	7.5334	3.4385

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	1.7411	.82767	1.9043	.38122	13.598	6.3230	.00214	1.6183
Stddev	.0034	.00067	.0045	.00088	.049	.0124	.00019	.0049
%RSD	.19701	.08085	.23626	.22966	.35927	.19659	9.0722	.30243

#1	1.7421	.82844	1.9000	.38033	13.543	6.3269	.00230	1.6231
#2	1.7373	.82719	1.9089	.38209	13.615	6.3091	.00220	1.6186
#3	1.7439	.82739	1.9040	.38123	13.637	6.3330	.00192	1.6133

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	9.5065	.26483	1.6068	.80415	3.4252	17.679	106.22	
Stddev	.0069	.00019	.0042	.00094	.0116	.038	.87	
%RSD	.07279	.07248	.26025	.11652	.33905	.21317	.81679	

#1	9.5082	.26473	1.6111	.80503	3.4164	17.698	105.97	
#2	9.4988	.26470	1.6065	.80316	3.4383	17.635	107.18	
#3	9.5123	.26505	1.6027	.80427	3.4208	17.703	105.49	

Sample Name: S5 Acquired: 9/27/2017 14:14:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	548.00	979.03	27225.	10202.	1741.1
Stddev	1.46	2.84	73.	32.	7.8
%RSD	.26655	.29002	.26784	.31432	.45023
#1	548.82	979.13	27155.	10189.	1740.6
#2	546.32	981.82	27220.	10178.	1749.2
#3	548.87	976.14	27300.	10238.	1733.6

Sample Name: S6 Acquired: 9/27/2017 14:19:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	73.776	20.680	13.516	5.2249	5.0488
Stddev	.422	.032	.034	.0118	.0166
%RSD	.57243	.15260	.25006	.22617	.32897

#1	73.453	20.684	13.537	5.2270	5.0382
#2	73.620	20.647	13.534	5.2355	5.0679
#3	74.254	20.710	13.477	5.2121	5.0402

Int. Std.	Y_3710
Units	Cts/S
Avg	9908.2
Stddev	11.1
%RSD	.11215

#1	9911.5
#2	9895.8
#3	9917.3

Sample Name: ICV Acquired: 9/27/2017 14:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.9038366	1.098339	.9840812	.9440374	.9011822	2.644152
Stddev	.0083889	.002838	.0032473	.0019792	.0011899	.001921
%RSD	.9281463	.2583811	.3299835	.2096517	.1320405	.0726672

#1	.9134710	1.098231	.9850567	.9457300	.9006895	2.644086
#2	.8998899	1.095556	.9804580	.9445210	.9025394	2.642265
#3	.8981489	1.101229	.9867290	.9418612	.9003178	2.646106

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009208	.4555762	.4738235	9.595887	.5165490	.4729531
Stddev	.0018569	.0021931	.0008320	.076367	.0014066	.0014036
%RSD	.3707009	.4813872	.1755863	.7958277	.2723086	.2967806

#1	.5030648	.4530531	.4730844	9.514796	.5176780	.4713386
#2	.4998236	.4566499	.4736614	9.606431	.5169959	.4738828
#3	.4998739	.4570255	.4747245	9.666434	.5149733	.4736381

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4764374	5.295267	.5049130	5.985925	.4868946	.4674084
Stddev	.0015455	.044196	.0024687	.021283	.0015980	.0012746
%RSD	.3243866	.8346255	.4889285	.3555456	.3282062	.2726994

#1	.4780978	5.264697	.5023313	6.001152	.4856650	.4674628
#2	.4761736	5.275162	.5072504	5.961606	.4863179	.4686549
#3	.4750407	5.345940	.5051574	5.995016	.4887009	.4661074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.370451	.5071482	.9264582	9.058287	F -.002388	F 5.738425
Stddev	.085204	.0028572	.0112219	.063399	.002688	.028816
%RSD	.9092851	.5633791	1.211266	.6998975	112.5715	.5021521

#1	9.272071	.5048170	.9137728	9.130975	.000011	5.705203
#2	9.418748	.5062920	.9350900	9.029477	-.005293	5.753423
#3	9.420533	.5103355	.9305119	9.014409	-.001882	5.756648

Sample Name: ICV Acquired: 9/27/2017 14:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	5.111547	-.000006	4.883798	4.656298	5.100982	.0011871
Stddev	.000646	.001566	.016779	.006522	.007243	.0000596
%RSD	.0126422	24789.41	.3435580	.1400595	.1420018	5.022502

#1	5.111098	.001721	4.864707	4.650150	5.092683	.0011356
#2	5.112288	-.000407	4.896205	4.655608	5.106032	.0011732
#3	5.111255	-.001333	4.890481	4.663138	5.104230	.0012524

Elem	Sr4077
Units	ppm
Avg	.0064667
Stddev	.0000096
%RSD	.1489942

#1	.0064754
#2	.0064683
#3	.0064563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	714.5834	1269.199	32811.60	11251.61	2599.469
Stddev	3.9881	3.857	84.37	12.13	2.240
%RSD	.5580992	.3038933	.2571226	.1077982	.0861897

#1	712.8132	1265.319	32733.24	11264.13	2597.220
#2	719.1502	1269.246	32900.90	11250.77	2599.488
#3	711.7868	1273.033	32800.66	11239.92	2601.700

Sample Name: ICB Acquired: 9/27/2017 14:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0053058	-.000693	-.000717	.0004746	-.000103	.0019468	-.000161
Stddev	.0027985	.001275	.001185	.0054639	.000691	.0028772	.000186
%RSD	52.74418	183.9854	165.3602	1151.242	674.1745	147.7935	115.3231

#1	.0071728	-.001704	-.000081	.0041886	.000434	.0022996	-.000376
#2	.0066564	.000740	-.002085	-.005799	.000141	.0046313	-.000064
#3	.0020881	-.001115	.000015	.003035	-.000883	-.001091	-.000044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	.0000553	.0044198	-.000169	.0000213	-.000223	.0023782
Stddev	.000029	.0000894	.0094424	.000260	.0000722	.001310	.0052601
%RSD	75.17963	161.5881	213.6386	154.0744	339.1207	586.2654	221.1810

#1	-.000013	.0000622	-.000503	.000098	.0001045	-.001718	-.002709
#2	-.000032	-.000037	-.001544	-.000423	-.000025	.000323	.002047
#3	-.000070	.000141	.015306	-.000182	-.000016	.000725	.007796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0157292	-.000504	.0000568	.0811107	-.000258	.0004983
Stddev	.000027	.0188586	.000279	.0000893	.1719150	.002014	.0006850
%RSD	338.3892	119.8953	55.28164	157.1785	211.9510	780.1959	137.4612

#1	.000009	-.003123	-.000743	.0000921	-.116994	.001951	.0011870
#2	-.000039	.034594	-.000572	.0001232	.191144	-.000734	.0004909
#3	.000006	.015716	-.000198	-.000045	.169183	-.001991	-.000183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020314	.0002873	.0062518	.0003703	-.000536	.0011671	.0001088
Stddev	.0118343	.0031345	.0005297	.0002778	.003450	.0004334	.0002816
%RSD	582.5600	1091.148	8.472508	75.02217	644.2804	37.13183	258.8401

#1	-.011579	-.001113	.0058300	.0006911	-.004446	.0014007	-.000159
#2	.007775	.003878	.0068463	.0002112	.002079	.0014336	.000403
#3	.009898	-.001903	.0060792	.0002086	.000761	.0006670	.000082

Sample Name: ICB Acquired: 9/27/2017 14:33:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	-.000099	.0001368	-.000111
Stddev	.000412	.0001615	.000017
%RSD	415.8470	118.0717	14.98215

#1	-.000328	.0002735	-.000096
#2	-.000346	-.000041	-.000129
#3	.000377	.000178	-.000110

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	732.5901	1301.025	33708.56	11323.83	2754.181
Stddev	7.5395	6.305	118.05	60.31	7.679
%RSD	1.029157	.4845989	.3502164	.5325520	.2788182

#1	725.7583	1293.750	33603.36	11256.45	2745.440
#2	731.3327	1304.898	33686.09	11372.75	2757.261
#3	740.6792	1304.427	33836.24	11342.28	2759.842

Sample Name: ICSA Acquired: 9/27/2017 14:37:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0051421	-.016235	-.001470	-.009039	.0034309	238.0214
Stddev	.0035302	.002368	.006226	.003961	.0035562	.3985
%RSD	68.65270	14.58564	423.4273	43.81599	103.6533	.1674357

#1	.0018908	-.016572	.005252	-.010420	.0047011	238.0791
#2	.0046385	-.013716	-.002626	-.004573	-.000586	238.3879
#3	.0088971	-.018416	-.007037	-.012125	.006178	237.5971

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046286	.0008707	.0037672	250.0148	.0512234	-.000999
Stddev	.0001629	.0000793	.0003005	.6917	.0008328	.000122
%RSD	3.519391	9.112783	7.975627	.2766450	1.625768	12.21287

#1	.0048053	.0009258	.0036927	249.7652	.0510512	-.001032
#2	.0044844	.0009066	.0040979	250.7966	.0504902	-.000863
#3	.0045960	.0007797	.0035110	249.4825	.0521288	-.001100

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220777	104.0022	.0101610	266.7415	.0035809	.0036777
Stddev	.0010341	.2954	.0004100	.9586	.0005718	.0001635
%RSD	4.684008	.2840367	4.035300	.3593725	15.96895	4.446725

#1	.0218966	103.6974	.0100284	266.4212	.0042411	.0036009
#2	.0211461	104.2872	.0106209	267.8192	.0032610	.0035666
#3	.0231904	104.0221	.0098337	265.9841	.0032406	.0038654

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3974016	.0023647	.0054171	-.097518	-.008104	F -.295641
Stddev	.0543674	.0013453	.0011472	.012633	.004172	.002316
%RSD	13.68071	56.89291	21.17642	12.95436	51.47546	.7834644

#1	.3457361	.0029499	.0041827	-.109277	-.005810	-.294909
#2	.4541183	.0033183	.0064505	-.099114	-.005584	-.298235
#3	.3923504	.0008259	.0056182	-.084163	-.012919	-.293779

Sample Name: ICSA Acquired: 9/27/2017 14:37:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	-.000430	.0230520	-.001735	.0001379	.0001456	.0027309
Stddev	.000580	.0033937	.000784	.0020227	.0003904	.0001421
%RSD	134.7483	14.72179	45.20971	1466.314	268.1638	5.202005

#1	-.000351	.0194810	-.001056	.0024577	-.000288	.0028797
#2	.000106	.0234400	-.002593	-.000786	.000255	.0025967
#3	-.001045	.0262349	-.001555	-.001258	.000470	.0027162

Elem	Sr4077
Units	ppm
Avg	.0549937
Stddev	.0000911
%RSD	.1656560

#1	.0550988
#2	.0549436
#3	.0549386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	647.6849	1143.052	29461.86	10578.71	2091.101
Stddev	3.1236	.597	26.40	32.66	.285
%RSD	.4822664	.0522442	.0896100	.3087268	.0136529

#1	651.2897	1143.354	29438.55	10569.36	2091.430
#2	645.7800	1143.437	29456.50	10551.75	2090.920
#3	645.9849	1142.364	29490.53	10615.03	2090.952

Sample Name: ICSAB Acquired: 9/27/2017 14:41:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.1046806	.1042530	.0500213	.0399644	.5761870	236.4535
Stddev	.0038253	.0049725	.0019321	.0102799	.0036191	.5170
%RSD	3.654311	4.769620	3.862541	25.72266	.6281190	.2186355

#1	.1011220	.1056830	.0479528	.0312891	.5762942	236.4720
#2	.1087261	.0987222	.0517795	.0372855	.5725155	236.9610
#3	.1041938	.1083538	.0503315	.0513185	.5797514	235.9275

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5100697	.4887759	.9914403	248.7785	.5535749	.4918641
Stddev	.0021514	.0032998	.0045978	1.2405	.0015372	.0026051
%RSD	.4217787	.6751196	.4637505	.4986482	.2776875	.5296456

#1	.5085931	.4853186	.9910153	247.4728	.5518469	.4904143
#2	.5125381	.4918917	.9870697	249.9416	.5547904	.4903065
#3	.5090780	.4891175	.9962358	248.9212	.5540874	.4948717

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077202	103.5945	.5156198	266.3705	.9982701	.1916649
Stddev	.0032271	.0668	.0032315	.4163	.0040818	.0006422
%RSD	.6356008	.0645144	.6267233	.1562795	.4088880	.3350632

#1	.5089044	103.5175	.5119021	266.7040	.9971925	.1910383
#2	.5101879	103.6376	.5172017	266.5036	.9948353	.1916347
#3	.5040683	103.6283	.5177556	265.9040	1.002783	.1923216

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4452854	.5171446	.9143182	-.188831	-.008736	F -.298191
Stddev	.1144434	.0048760	.0133361	.022635	.003945	.001162
%RSD	25.70112	.9428648	1.458581	11.98713	45.15409	.3896781

#1	.5723134	.5117339	.9066039	-.171263	-.004334	-.297334
#2	.4133183	.5185012	.9066332	-.180856	-.011950	-.299514
#3	.3502245	.5211986	.9297173	-.214375	-.009923	-.297725

Sample Name: ICSAB Acquired: 9/27/2017 14:41:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	-.000356	.0100557	-.000103	-.001464	-.000153	.0022614
Stddev	.000353	.0064668	.000616	.003768	.000562	.0000635
%RSD	99.21046	64.30978	595.9145	257.3070	367.0493	2.809209

#1	-.000064	.0117453	.000474	.002221	-.000636	.0022211
#2	-.000255	.0029118	-.000032	-.005310	.000464	.0022285
#3	-.000748	.0155099	-.000752	-.001305	-.000287	.0023347

Elem	Sr4077
Units	ppm
Avg	.0547279
Stddev	.0001034
%RSD	.1889273

#1	.0546577
#2	.0548466
#3	.0546793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	650.7061	1137.483	29571.42	10578.42	2098.139
Stddev	2.5001	1.746	49.10	29.30	4.844
%RSD	.3842125	.1535192	.1660366	.2770041	.2308732

#1	653.4677	1139.118	29520.59	10594.04	2099.105
#2	648.5967	1137.690	29618.59	10544.62	2102.427
#3	650.0540	1135.643	29575.06	10596.62	2092.885

Sample Name: CCV080 Acquired: 9/27/2017 14:45:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935255	4.702346	24.02902	4.825215	4.925211	394.1175
Stddev	.012802	.011009	.07564	.003328	.028731	1.1407
%RSD	.2593975	.2341094	.3148056	.0689716	.5833468	.2894203

#1	4.942355	4.689659	23.96766	4.826534	4.944840	394.1889
#2	4.920477	4.709374	24.00588	4.827682	4.892234	392.9428
#3	4.942934	4.708005	24.11354	4.821430	4.938560	395.2208

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00625	.5080935	2.481427	401.1902	15.19037	2.466281
Stddev	.03314	.0004684	.011535	3.1493	.03583	.006610
%RSD	.3311442	.0921816	.4648575	.7849887	.2358581	.2680198

#1	9.97264	.5075679	2.472048	397.9336	15.19847	2.459838
#2	10.03889	.5084666	2.477925	401.4171	15.22145	2.465958
#3	10.00721	.5082459	2.494307	404.2200	15.15118	2.473046

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.25040	403.0303	14.82133	405.2371	2.439350	1.306820
Stddev	.06876	1.9446	.08495	1.0951	.007285	.003919
%RSD	.4509029	.4824921	.5731792	.2702453	.2986335	.2998668

#1	15.32658	401.2392	14.73230	405.1160	2.438106	1.305269
#2	15.23173	402.7532	14.83019	404.2075	2.432768	1.311277
#3	15.19290	405.0986	14.90151	406.3877	2.447177	1.303914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.4146	2.485077	15.24129	152.2731	F 13.88187	F 4.101626
Stddev	1.5671	.007416	.08249	.8368	.10254	.012179
%RSD	.3953117	.2984049	.5412168	.5495599	.7386794	.2969377

#1	397.7753	2.477816	15.23963	153.2274	13.76356	4.105146
#2	394.7013	2.484777	15.15964	151.9278	13.94497	4.088075
#3	396.7675	2.492638	15.32459	151.6642	13.93709	4.111658

Sample Name: CCV080 Acquired: 9/27/2017 14:45:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812214	4.953395	4.889665	4.870316	4.969167	8.842384
Stddev	.016804	.027851	.013225	.027869	.004161	.071355
%RSD	.3491973	.5622531	.2704584	.5722195	.0837417	.8069670

#1	4.812480	4.923737	4.881147	4.862594	4.968646	8.916222
#2	4.795279	4.957454	4.882948	4.847123	4.965290	8.837127
#3	4.828884	4.978993	4.904900	4.901232	4.973564	8.773803

Elem	Sr4077
Units	ppm
Avg	8.466947
Stddev	.033985
%RSD	.4013881

#1	8.459047
#2	8.437607
#3	8.504187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	578.8965	1023.963	27438.65	10226.31	1779.848
Stddev	2.6793	4.629	56.34	23.82	5.968
%RSD	.4628325	.4520507	.2053366	.2329004	.3353085

#1	576.3235	1020.820	27403.95	10212.74	1778.836
#2	581.6708	1029.278	27503.66	10253.81	1786.258
#3	578.6952	1021.790	27408.35	10212.39	1774.451

Sample Name: CCB080 Acquired: 9/27/2017 14:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	-.001123	.0013239	-.001752	.0014595	.0227915	.0002201
Stddev	.006369	.001003	.0025674	.004267	.0014878	.0043369	.0000965
%RSD	4907.281	89.34267	193.9322	243.6162	101.9368	19.02855	43.86048

#1	-.007477	-.001183	.0039436	.001544	.0029725	.0274413	.0002696
#2	.003257	-.000091	-.001188	-.006572	-.000002	.0188563	.0002818
#3	.003831	-.002095	.001216	-.000227	.001408	.0220768	.0001089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0001655	.0331827	-.000028	.0001419	.0017217	.0255722
Stddev	.000028	.0000528	.0126899	.000871	.0001874	.0003535	.0029175
%RSD	222.3680	31.92937	38.24267	3089.638	132.0677	20.53233	11.40890

#1	-.000021	.0001363	.0300417	.000663	.0001818	.0019286	.0234419
#2	-.000035	.0002265	.0223582	-.001007	.0003061	.0013135	.0288975
#3	.000019	.0001337	.0471482	.000260	-.000062	.0019230	.0243772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009356	.0431100	-.000204	.0001471	.0520305	-.000537	.0030019
Stddev	.0002146	.0100027	.000222	.0002397	.1148088	.000486	.0013380
%RSD	22.93719	23.20283	108.9644	162.9156	220.6566	90.51301	44.57071

#1	.0011564	.0319617	-.000419	.0001643	-.060736	-.000172	.0027404
#2	.0009225	.0460682	-.000216	.0003777	.168778	-.000350	.0018140
#3	.0007278	.0512999	.000024	-.000101	.048050	-.001089	.0044514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348299	.0017616	.0114964	.0005665	-.002178	-.000346	.0006600
Stddev	.0303460	.0008317	.0003525	.0002118	.004660	.000846	.0003631
%RSD	87.12647	47.21200	3.066595	37.38726	213.9577	244.7081	55.00923

#1	.0556777	.0008550	.0117927	.0005002	-.005040	-.001086	.0003807
#2	.0487966	.0024892	.0111065	.0008035	.003199	.000576	.0005290
#3	.0000152	.0019407	.0115899	.0003958	-.004694	-.000526	.0010704

Sample Name: CCB080 Acquired: 9/27/2017 14:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003084	.0011313	.0004683
Stddev	.0000908	.0002030	.0000913
%RSD	29.43632	17.94130	19.48799

#1	.0002202	.0012440	.0005588
#2	.0004015	.0012531	.0004696
#3	.0003035	.0008970	.0003763

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	737.1514	1300.959	33745.01	11253.38	2738.350
Stddev	4.7913	2.357	99.83	16.40	2.874
%RSD	.6499765	.1811612	.2958241	.1457574	.1049459

#1	736.7085	1299.139	33636.09	11235.43	2736.407
#2	742.1488	1303.621	33766.82	11257.15	2741.651
#3	732.5969	1300.116	33832.14	11267.58	2736.991

Sample Name: PBW Acquired: 9/27/2017 14:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019649	.0023770	.0004210	-.002099	.0019138	.0037302	-.000440
Stddev	.0017151	.0003005	.0005198	.002497	.0011277	.0021679	.000343
%RSD	87.28938	12.64090	123.4507	118.9639	58.92298	58.11691	77.95507

#1	.0024361	.0026403	-.000179	-.004855	.0007571	.0060048	-.000629
#2	.0033952	.0020497	.000729	-.001455	.0019742	.0034980	-.000044
#3	.0000634	.0024411	.000713	.000013	.0030100	.0016878	-.000646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	.0000140	.0131338	-.000096	-.000059	.0005008	.0117226
Stddev	.000032	.0001040	.0087576	.000222	.000168	.0011311	.0066519
%RSD	25.25986	742.4500	66.67969	231.2783	286.0910	225.8651	56.74408

#1	-.000091	-.000041	.0030230	-.000095	-.000227	.0017127	.0059192
#2	-.000142	-.000051	.0183447	-.000319	.000110	-.000527	.0102668
#3	-.000151	.000134	.0180336	.000126	-.000059	.000316	.0189818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0135767	-.000354	.0000837	-.034639	-.000735	.0016911
Stddev	.000422	.0041012	.000584	.0002800	.026168	.001501	.0042986
%RSD	1373.309	30.20777	164.9693	334.4060	75.54512	204.2209	254.1918

#1	.000084	.0180971	-.001025	-.000182	-.063174	-.002427	.0038622
#2	-.000498	.0125391	-.000071	.000376	-.011762	.000435	.0044710
#3	.000322	.0100940	.000035	.000057	-.028982	-.000212	-.003260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003965	.0026156	.0054768	-.000189	-.002993	-.000830	.0003624
Stddev	.009944	.0038437	.0013163	.000136	.001814	.000943	.0011899
%RSD	250.7749	146.9525	24.03479	72.34901	60.60013	113.5906	328.3941

#1	.006655	.0024113	.0039644	-.000087	-.004431	.000185	-.000884
#2	-.005495	-.001122	.0063639	-.000135	-.000955	-.001679	.001486
#3	-.013056	.006557	.0061022	-.000344	-.003593	-.000996	.000485

Sample Name: PBW Acquired: 9/27/2017 14:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000667	.0002353	-.000014
Stddev	.0002208	.0000683	.000016
%RSD	331.2384	29.03399	116.5810

#1	.0003047	.0003115	.000002
#2	-.000132	.0001795	-.000014
#3	.000027	.0002148	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	749.0298	1322.386	34123.70	11414.33	2774.150
Stddev	7.4019	3.907	258.79	34.41	8.376
%RSD	.9882008	.2954758	.7583783	.3014272	.3019407

#1	754.6991	1320.224	34400.89	11411.40	2769.745
#2	751.7345	1326.896	34081.79	11381.48	2783.810
#3	740.6560	1320.037	33888.43	11450.10	2768.896

Sample Name: LCSW Acquired: 9/27/2017 14:58:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212695	.0553025	.0208075	.0642809	.1115682	.3627595
Stddev	.0059129	.0015328	.0005497	.0035950	.0012932	.0016633
%RSD	27.79981	2.771708	2.641626	5.592575	1.159080	.4585251

#1	.0244481	.0566597	.0207617	.0684176	.1110925	.3633599
#2	.0249132	.0556076	.0202821	.0619137	.1130319	.3608793
#3	.0144472	.0536400	.0213786	.0625113	.1105803	.3640393

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2977366	.0108524	.0105553	9.371909	.0221350	.0925436
Stddev	.0006995	.0000736	.0001529	.038431	.0010029	.0008087
%RSD	.2349224	.6779601	1.448210	.4100637	4.530602	.8738840

#1	.2985240	.0107885	.0107062	9.327748	.0209946	.0917037
#2	.2971872	.0109328	.0104005	9.397768	.0228792	.0926102
#3	.2974987	.0108359	.0105592	9.390211	.0225313	.0933170

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478147	.2250926	.0311688	9.891910	.0777276	.0187383
Stddev	.0010937	.0037643	.0002405	.062555	.0001477	.0002614
%RSD	2.287373	1.672316	.7714663	.6323858	.1899606	1.394915

#1	.0490391	.2293689	.0314316	9.828908	.0775590	.0185590
#2	.0474708	.2236290	.0309599	9.954008	.0778342	.0190382
#3	.0469344	.2222800	.0311147	9.892814	.0777894	.0186177

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.299848	.1007792	.1034210	8.991751	F .0319301	F .0252589
Stddev	.085884	.0010392	.0030268	.049567	.0041995	.0010026
%RSD	.9234962	1.031197	2.926637	.5512453	13.15215	3.969329

#1	9.200977	.1012829	.1067698	8.953720	.0272018	.0241034
#2	9.342623	.0995841	.1026130	9.047808	.0352261	.0257754
#3	9.355946	.1014706	.1008803	8.973725	.0333624	.0258980

Sample Name: LCSW Acquired: 9/27/2017 14:58:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216852	.1541572	.1887877	F .0145148	.1941609	.0480832
Stddev	.0002174	.0055336	.0004436	.0011591	.0011908	.0000739
%RSD	1.002345	3.589611	.2349642	7.985466	.6132838	.1538030

#1	.0215027	.1537265	.1882945	.0139501	.1932299	.0480007
#2	.0219257	.1598936	.1889146	.0137463	.1937502	.0481435
#3	.0216272	.1488515	.1891540	.0158480	.1955027	.0481054

Elem	Sr4077
Units	ppm
Avg	.1142123
Stddev	.0000420
%RSD	.0368076

#1	.1142604
#2	.1141944
#3	.1141822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	732.7274	1302.253	33253.69	11369.82	2667.838
Stddev	3.2213	3.833	30.54	26.82	4.592
%RSD	.4396264	.2943180	.0918266	.2358556	.1721151

#1	733.9515	1304.757	33275.95	11371.34	2665.934
#2	735.1572	1297.840	33218.88	11342.27	2664.504
#3	729.0736	1304.161	33266.23	11395.84	2673.075

Sample Name: MDL#1 Acquired: 9/27/2017 15:02:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025146	.0044330	.0014353	.0003741	.0057169	.0066353	.0103380
Stddev	.0032868	.0015651	.0001287	.0016709	.0008509	.0042701	.0003511
%RSD	130.7079	35.30591	8.965223	446.6723	14.88310	64.35308	3.396320

#1	.0011913	.0034411	.0013745	.0009344	.0063455	.0102256	.0101897
#2	.0000957	.0062372	.0015831	.0016928	.0047487	.0019135	.0100853
#3	.0062568	.0036206	.0013483	-.001505	.0060565	.0077670	.0107389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006032	.0005662	.2069361	.0005306	.0032233	.0028341	.0134659
Stddev	.0000637	.0001031	.0048657	.0002673	.0000795	.0005841	.0024619
%RSD	10.55341	18.20152	2.351287	50.37600	2.468112	20.60938	18.28255

#1	.0005534	.0004486	.2013189	.0006026	.0032183	.0025961	.0132586
#2	.0005812	.0006089	.2098447	.0007545	.0031464	.0034996	.0160249
#3	.0006749	.0006410	.2096447	.0002347	.0033053	.0024066	.0111142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020328	.2280486	.0037087	.0009230	.2904887	.0036020	.0027290
Stddev	.0002215	.0040868	.0001850	.0000769	.1013380	.0001198	.0016228
%RSD	10.89734	1.792074	4.987040	8.329698	34.88536	3.325027	59.46519

#1	.0022509	.2290176	.0038361	.0010048	.3487243	.0037275	.0019490
#2	.0018080	.2315638	.0037935	.0008522	.3492676	.0034890	.0045945
#3	.0020396	.2235644	.0034966	.0009121	.1734740	.0035895	.0016435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1887989	.0054499	.0143075	.0221624	-.001468	.0411488	.0036178
Stddev	.0105554	.0040817	.0003574	.0001876	.006358	.0011052	.0004416
%RSD	5.590804	74.89409	2.497925	.8464191	433.2159	2.685728	12.20712

#1	.1846407	.0056247	.0141659	.0222865	.003911	.0404656	.0041242
#2	.2008001	.0012837	.0147140	.0222540	-.008484	.0424238	.0034170
#3	.1809560	.0094413	.0140426	.0219466	.000170	.0405570	.0033123

Sample Name: MDL#1 Acquired: 9/27/2017 15:02:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0044627	.0008846	.0011917
Stddev	.0003936	.0002038	.0000164
%RSD	8.818627	23.03513	1.376507

#1	.0049033	.0010289	.0011910
#2	.0043389	.0006515	.0012084
#3	.0041460	.0009733	.0011756

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	748.2762	1316.149	34105.48	11373.20	2767.898
Stddev	5.1199	2.030	114.36	30.05	3.537
%RSD	.6842289	.1542154	.3353020	.2642571	.1277767

#1	748.2771	1318.492	33995.63	11392.20	2768.902
#2	753.3956	1314.983	34223.87	11338.55	2770.824
#3	743.1558	1314.970	34096.93	11388.85	2763.968

Sample Name: MDL#2 Acquired: 9/27/2017 15:06:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053524	.0031738	.0012018	-.000109	.0033370	.0070986	.0088100
Stddev	.0006624	.0017311	.0011512	.002391	.0008236	.0029703	.0001945
%RSD	12.37621	54.54274	95.78705	2188.874	24.68050	41.84306	2.207352

#1	.0060684	.0028481	.0010020	.002633	.0042558	.0037325	.0090311
#2	.0047613	.0016287	.0024397	-.001205	.0026651	.0093513	.0087337
#3	.0052276	.0050446	.0001636	-.001756	.0030900	.0082122	.0086653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005321	.0006354	.2038781	.0000102	.0026096	.0024112	.0122075
Stddev	.0000688	.0000180	.0013003	.0001224	.0001381	.0005217	.0009879
%RSD	12.92285	2.838151	.6377954	1202.869	5.291066	21.63765	8.092763

#1	.0004769	.0006151	.2047063	.0001354	.0026377	.0023837	.0114143
#2	.0006091	.0006496	.2023794	-.000109	.0027314	.0029461	.0118940
#3	.0005103	.0006416	.2045486	.000004	.0024596	.0019037	.0133141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016883	.2139588	.0035740	.0008825	.1810750	.0032053	.0043465
Stddev	.0004162	.0150266	.0007197	.0001284	.0784135	.0029022	.0031201
%RSD	24.65470	7.023113	20.13834	14.54901	43.30447	90.54409	71.78503

#1	.0020747	.2034789	.0027432	.0008768	.2713014	.0058415	.0018779
#2	.0012476	.2072227	.0039716	.0010137	.1293988	.0000954	.0033082
#3	.0017427	.2311748	.0040072	.0007571	.1425247	.0036790	.0078534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1527230	.0026429	.0115458	.0193774	-.000638	.0349475	.0051761
Stddev	.0168382	.0020608	.0006708	.0001078	.001228	.0008538	.0005185
%RSD	11.02531	77.97412	5.809635	.5562070	192.3210	2.442949	10.01615

#1	.1561179	.0035694	.0119298	.0193324	.000155	.0340300	.0054250
#2	.1344461	.0040777	.0119364	.0192995	-.002052	.0357185	.0055232
#3	.1676051	.0002815	.0107713	.0195004	-.000017	.0350941	.0045802

Sample Name: MDL#2 Acquired: 9/27/2017 15:06:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0038892	.0006831	.0010208
Stddev	.0005524	.0001401	.0000170
%RSD	14.20284	20.50534	1.666078

#1	.0032514	.0006118	.0010114
#2	.0042165	.0005930	.0010105
#3	.0041996	.0008445	.0010404

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	750.6977	1325.503	34137.20	11367.87	2775.504
Stddev	4.5146	8.364	90.65	7.79	11.004
%RSD	.6013830	.6310173	.2655579	.0685553	.3964822

#1	745.6213	1315.882	34039.63	11366.23	2764.161
#2	754.2624	1331.043	34153.16	11376.35	2786.135
#3	752.2095	1329.585	34218.81	11361.03	2776.216

Sample Name: MDL#3 Acquired: 9/27/2017 15:10:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031671	.0059108	.0019508	.0017453	.0046924	.0086535	.0097084
Stddev	.0019213	.0028526	.0009445	.0016801	.0004564	.0024443	.0002032
%RSD	60.66508	48.26060	48.41424	96.25984	9.727121	28.24650	2.093215

#1	.0009938	.0062936	.0010712	.0034683	.0046147	.0063428	.0095831
#2	.0046398	.0028862	.0018323	.0001117	.0051826	.0112125	.0099428
#3	.0038678	.0085527	.0029489	.0016560	.0042797	.0084052	.0095992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005897	.0005979	.2047164	.0000713	.0030993	.0025239	.0056076
Stddev	.0000945	.0000605	.0071386	.0003213	.0000846	.0008006	.0030779
%RSD	16.01687	10.12248	3.487052	450.6683	2.730953	31.72032	54.88766

#1	.0005471	.0006598	.2009742	.0001333	.0030044	.0015999	.0091465
#2	.0005240	.0005950	.2129481	.0003571	.0031265	.0029597	.0035540
#3	.0006979	.0005389	.2002271	-.000277	.0031670	.0030120	.0041224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018102	.2342208	.0039130	.0010312	.2096280	.0040413	.0041006
Stddev	.0003700	.0209953	.0003104	.0001738	.0336357	.0012902	.0022298
%RSD	20.44034	8.963883	7.931794	16.85553	16.04540	31.92601	54.37829

#1	.0015797	.2160631	.0036484	.0008353	.2442496	.0050892	.0025598
#2	.0016140	.2293883	.0038360	.0011668	.1770736	.0044344	.0030845
#3	.0022370	.2572110	.0042546	.0010917	.2075610	.0026002	.0066575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1619451	.0011850	.0117790	.0211238	-.001577	.0390949	.0032238
Stddev	.0289965	.0029542	.0011601	.0001062	.005503	.0007451	.0006567
%RSD	17.90517	249.2991	9.848763	.5025524	348.9608	1.905828	20.37038

#1	.1492826	-.001217	.0105279	.0211883	-.005327	.0394702	.0039724
#2	.1951193	.004484	.0128191	.0211817	-.004145	.0382368	.0029537
#3	.1414333	.000289	.0119900	.0210012	.004741	.0395777	.0027452

Sample Name: MDL#3 Acquired: 9/27/2017 15:10:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0044064	.0007514	.0011370
Stddev	.0004627	.0001554	.0000145
%RSD	10.50123	20.67762	1.271301

#1	.0044270	.0008154	.0011521
#2	.0048584	.0005743	.0011357
#3	.0039337	.0008647	.0011232

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	750.2747	1324.243	34171.18	11370.40	2774.409
Stddev	2.6852	3.232	58.25	33.17	2.394
%RSD	.3578898	.2440589	.1704764	.2917199	.0863019

#1	748.0396	1327.610	34111.59	11351.00	2776.182
#2	753.2532	1323.954	34173.95	11351.50	2775.360
#3	749.5312	1321.165	34228.00	11408.70	2771.686

Sample Name: MDL#4 Acquired: 9/27/2017 15:14:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033600	.0018351	.0014146	-.000147	.0059346	.0057240	.0091226
Stddev	.0022600	.0022419	.0008901	.002364	.0021363	.0036053	.0002061
%RSD	67.26024	122.1687	62.92465	1606.839	35.99673	62.98631	2.258973

#1	.0022719	.0043210	.0022477	.000319	.0049341	.0038340	.0089053
#2	.0018500	-.000033	.0004768	-.002710	.0083876	.0034566	.0093151
#3	.0059582	.001217	.0015192	.001950	.0044823	.0098814	.0091475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005292	.0005918	.1918825	.0000906	.0028348	.0020141	.0087445
Stddev	.0000433	.0000783	.0059610	.0003488	.0002386	.0005266	.0086322
%RSD	8.174780	13.22200	3.106592	384.8280	8.415932	26.14414	98.71666

#1	.0005324	.0006742	.1883013	-.000274	.0025868	.0020200	.0062251
#2	.0004844	.0005185	.1987637	.000125	.0028551	.0014845	.0183561
#3	.0005707	.0005829	.1885824	.000421	.0030626	.0025376	.0016522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018282	.2058636	.0041549	.0010827	.3085740	.0028836	.0047902
Stddev	.0004376	.0140997	.0004953	.0000604	.0708285	.0007866	.0027143
%RSD	23.93817	6.849031	11.92008	5.581325	22.95347	27.27737	56.66432

#1	.0014622	.2202625	.0037932	.0011238	.3291529	.0027273	.0050766
#2	.0023130	.1920836	.0039521	.0011109	.2297350	.0037365	.0073499
#3	.0017095	.2052447	.0047194	.0010133	.3668343	.0021869	.0019440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842082	.0016351	.0118802	.0206630	-.001276	.0381075	.0032820
Stddev	.0169853	.0011853	.0000682	.0002985	.000084	.0017145	.0009377
%RSD	9.220722	72.49372	.5736728	1.444464	6.611166	4.499077	28.57124

#1	.1991630	.0025436	.0119260	.0203275	-.001363	.0400606	.0042783
#2	.1877203	.0002943	.0119128	.0207626	-.001271	.0374112	.0024166
#3	.1657414	.0020673	.0118019	.0208989	-.001195	.0368506	.0031512

Sample Name: MDL#4 Acquired: 9/27/2017 15:14:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0041614	.0005296	.0010895
Stddev	.0003505	.0001523	.0000058
%RSD	8.422452	28.75376	.5310660

#1	.0041313	.0006928	.0010832
#2	.0038269	.0003913	.0010945
#3	.0045259	.0005046	.0010908

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	745.1272	1315.480	33907.82	11310.39	2759.881
Stddev	4.2472	7.668	40.01	52.65	7.276
%RSD	.5700019	.5829107	.1180029	.4655055	.2636258

#1	746.6123	1310.922	33887.99	11253.15	2751.505
#2	748.4324	1324.333	33953.88	11321.28	2764.627
#3	740.3368	1311.184	33881.60	11356.75	2763.512

Sample Name: MDL#5 Acquired: 9/27/2017 15:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054638	.0035112	.0009707	.0005768	.0038348	.0082713	.0084244
Stddev	.0058975	.0014164	.0010961	.0031228	.0023261	.0015599	.0001729
%RSD	107.9385	40.33896	112.9245	541.4157	60.65858	18.85974	2.052671

#1	.0103836	.0034947	.0008565	-.003024	.0045000	.0066897	.0082432
#2	-.001074	.0049357	-.000064	.002538	.0057559	.0083154	.0084424
#3	.007081	.0021031	.002119	.002217	.0012485	.0098087	.0085876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004906	.0004750	.1734324	-.000085	.0025257	.0023647	.0074098
Stddev	.0000578	.0000303	.0082304	.000169	.0002871	.0006989	.0048626
%RSD	11.77314	6.371875	4.745571	199.0698	11.36788	29.55479	65.62471

#1	.0005336	.0004903	.1774386	-.000279	.0023582	.0017154	.0065723
#2	.0004250	.0004401	.1788927	.000013	.0028573	.0022743	.0126368
#3	.0005132	.0004946	.1639660	.000013	.0023618	.0031044	.0030203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015787	.1926202	.0033416	.0007499	.2557438	.0029076	.0040686
Stddev	.0003729	.0145329	.0002635	.0000220	.0480929	.0014663	.0003612
%RSD	23.61944	7.544825	7.885558	2.928627	18.80509	50.43140	8.876651

#1	.0017298	.1783085	.0031705	.0007256	.3083193	.0016161	.0044767
#2	.0011540	.2073646	.0032093	.0007684	.2449412	.0045016	.0037901
#3	.0018523	.1921877	.0036450	.0007555	.2139710	.0026051	.0039391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1472629	.0043688	.0088234	.0182885	-.002832	.0341001	.0041092
Stddev	.0175400	.0017973	.0003456	.0004612	.000911	.0010065	.0002526
%RSD	11.91068	41.13885	3.916729	2.521514	32.18161	2.951644	6.146687

#1	.1668702	.0037661	.0084708	.0178046	-.001852	.0343671	.0039232
#2	.1418545	.0029504	.0091615	.0187229	-.003654	.0329870	.0043967
#3	.1330641	.0063900	.0088378	.0183380	-.002990	.0349461	.0040075

Sample Name: MDL#5 Acquired: 9/27/2017 15:19:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0034335	.0003954	.0009675
Stddev	.0004503	.0001385	.0000168
%RSD	13.11530	35.02350	1.734697

#1	.0038219	.0002430	.0009567
#2	.0035387	.0004298	.0009589
#3	.0029399	.0005135	.0009868

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	743.9151	1319.089	34024.54	11383.90	2767.756
Stddev	.6646	1.914	42.90	4.66	.425
%RSD	.0893440	.1451344	.1260850	.0409109	.0153715

#1	744.4323	1319.273	33980.89	11379.10	2767.350
#2	743.1655	1317.088	34026.09	11388.40	2767.719
#3	744.1477	1320.904	34066.65	11384.20	2768.199

Sample Name: MDL#6 Acquired: 9/27/2017 15:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086481	.0052905	.0010232	-.000057	.0054507	.0080707	.0097047
Stddev	.0030597	.0028797	.0004331	.002233	.0017107	.0017186	.0000778
%RSD	35.38026	54.43209	42.33115	3902.990	31.38479	21.29468	.8018545

#1	.0071684	.0020709	.0010051	-.001262	.0036848	.0100479	.0097015
#2	.0121665	.0061803	.0005994	.002519	.0071003	.0069346	.0097841
#3	.0066096	.0076202	.0014652	-.001429	.0055670	.0072296	.0096286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005995	.0005530	.1962581	.0000515	.0030525	.0019319	.0107456
Stddev	.0001038	.0001410	.0098083	.0001295	.0004184	.0005352	.0005879
%RSD	17.31557	25.49485	4.997647	251.5197	13.70539	27.70454	5.470953

#1	.0004931	.0005407	.1866642	.0001650	.0034246	.0018157	.0108976
#2	.0006049	.0004186	.1958427	.0000790	.0031333	.0025157	.0112425
#3	.0007005	.0006998	.2062675	-.000090	.0025996	.0014644	.0100966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015194	.2184927	.0038005	.0011661	.1851795	.0039400	.0048026
Stddev	.0001327	.0189704	.0006571	.0000881	.0675183	.0011375	.0014096
%RSD	8.730541	8.682389	17.29040	7.555132	36.46098	28.87008	29.35084

#1	.0014098	.2233160	.0043027	.0011673	.1304552	.0049114	.0059954
#2	.0016669	.2345858	.0040420	.0012536	.1644516	.0042199	.0032471
#3	.0014815	.1975763	.0030568	.0010774	.2606318	.0026887	.0051653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1637512	.0040267	.0108548	.0212060	-.003900	.0387595	.0043732
Stddev	.0337881	.0026257	.0003490	.0002098	.001381	.0008164	.0004760
%RSD	20.63378	65.20731	3.215462	.9895166	35.39835	2.106227	10.88445

#1	.1489673	.0015771	.0110952	.0213559	-.005364	.0383568	.0038632
#2	.1398749	.0037043	.0110146	.0212958	-.002622	.0382226	.0044508
#3	.2024116	.0067987	.0104544	.0209662	-.003715	.0396989	.0048056

Sample Name: MDL#6 Acquired: 9/27/2017 15:23:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043475	.0004945	.0011199
Stddev	.0008803	.0001978	.0000078
%RSD	20.24849	39.99079	.6990524

#1	.0034053	.0006430	.0011256
#2	.0044880	.0005705	.0011110
#3	.0051490	.0002700	.0011230

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	744.8624	1316.017	34028.13	11382.12	2771.576
Stddev	.4482	10.450	105.79	15.24	10.638
%RSD	.0601749	.7940367	.3109038	.1339094	.3838239

#1	745.3469	1304.407	34058.46	11364.68	2760.475
#2	744.7780	1324.670	33910.48	11388.80	2781.680
#3	744.4625	1318.972	34115.45	11392.88	2772.573

Sample Name: MDL#7 Acquired: 9/27/2017 15:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046565	.0057739	.0017136	.0030722	.0042044	.0092426	.0100141
Stddev	.0066720	.0026112	.0012909	.0019459	.0016642	.0063612	.0000789
%RSD	143.2849	45.22312	75.32923	63.33782	39.58233	68.82493	.7876096

#1	.0037174	.0034576	.0029223	.0026624	.0049512	.0089774	.0099792
#2	-.001496	.0052605	.0003539	.0013639	.0022976	.0030181	.0101044
#3	.011748	.0086037	.0018646	.0051903	.0053645	.0157322	.0099587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005987	.0005433	.2033553	.0005599	.0032282	.0017894	.0139276
Stddev	.0000411	.0001738	.0133932	.0002873	.0003991	.0005607	.0038392
%RSD	6.872771	31.99089	6.586108	51.31347	12.36326	31.33118	27.56521

#1	.0005512	.0003787	.1991055	.0002371	.0031867	.0011425	.0097729
#2	.0006213	.0007250	.2183578	.0006550	.0028514	.0021342	.0146659
#3	.0006236	.0005262	.1926026	.0007875	.0036464	.0020916	.0173439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018881	.2260639	.0042787	.0008524	.2366737	.0033659	.0035402
Stddev	.0002292	.0243041	.0003441	.0001398	.0464649	.0013831	.0012995
%RSD	12.13811	10.75100	8.043248	16.39634	19.63247	41.09080	36.70799

#1	.0016460	.2427887	.0038960	.0010120	.2264773	.0024479	.0049889
#2	.0021016	.2372181	.0043776	.0007932	.2873900	.0049566	.0024769
#3	.0019168	.1981847	.0045626	.0007519	.1961537	.0026931	.0031549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1599087	.0054848	.0108415	.0216841	-.000628	.0388588	.0045052
Stddev	.0047942	.0038251	.0001263	.0001929	.004979	.0008655	.0006653
%RSD	2.998114	69.73991	1.165350	.8897883	793.2846	2.227256	14.76654

#1	.1597708	.0042610	.0109066	.0215918	.000083	.0397396	.0047650
#2	.1647705	.0097720	.0109221	.0219059	.003958	.0388274	.0037493
#3	.1551850	.0024214	.0106959	.0215547	-.005924	.0380095	.0050014

Sample Name: MDL#7 Acquired: 9/27/2017 15:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039051	.0004728	.0011342
Stddev	.0003907	.0000287	.0000200
%RSD	10.00575	6.069330	1.767921

#1	.0038873	.0004810	.0011111
#2	.0043044	.0004966	.0011446
#3	.0035235	.0004410	.0011470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	751.8664	1331.379	34344.50	11479.01	2794.134
Stddev	2.1918	1.313	93.80	39.33	1.648
%RSD	.2915200	.0985881	.2731288	.3426173	.0589639

#1	749.4795	1329.875	34344.24	11436.63	2793.218
#2	752.3311	1331.970	34250.82	11514.33	2793.148
#3	753.7886	1332.292	34438.43	11486.07	2796.036

Sample Name: PBS Acquired: 9/27/2017 15:31:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027958	-.000875	-.001743	-.001610	.0004402	.0015361	-.000143
Stddev	.0022297	.001765	.000115	.001422	.0017090	.0021983	.000205
%RSD	79.75202	201.7127	6.619144	88.29062	388.2122	143.1130	143.9401

#1	.0053702	-.001599	-.001740	.000019	.0011490	.0004854	-.000002
#2	.0014886	.001137	-.001630	-.002596	-.001509	.0040626	-.000378
#3	.0015284	-.002163	-.001861	-.002254	.001681	.0000603	-.000047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000259	-.000055	.0056901	-.000581	-.000078	.0001744	.0033967
Stddev	.0000575	.000025	.0062332	.000556	.000119	.0006645	.0024178
%RSD	222.2152	44.57089	109.5439	95.68358	152.8746	381.0046	71.18088

#1	-.000023	-.000046	-.001182	-.000064	-.000202	-.000473	.0049180
#2	.000012	-.000083	.007272	-.001168	-.000064	.000142	.0046634
#3	.000089	-.000037	.010980	-.000509	.000034	.000855	.0006087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000399	.0157428	-.000390	.0000837	.0340259	-.000313	.0016914
Stddev	.000281	.0049199	.000373	.0002671	.0590172	.001845	.0004604
%RSD	70.41469	31.25203	95.54230	319.2323	173.4478	590.4573	27.22335

#1	-.000530	.0200446	-.000474	-.000214	.1004264	.000346	.0012092
#2	-.000077	.0168054	.000017	.000164	.0141025	.001113	.0017385
#3	-.000591	.0103784	-.000714	.000301	-.012451	-.002397	.0021264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015910	-.001090	-.000577	.0000314	-.000627	-.000307	.0003151
Stddev	.025013	.001228	.000340	.0002310	.004059	.000944	.0013216
%RSD	157.2190	112.6560	58.83622	736.3773	647.5816	307.8412	419.4297

#1	-.028528	-.002412	-.000853	.0001890	-.004843	-.000393	.0017802
#2	-.032100	-.000873	-.000198	-.000234	-.000291	-.001204	-.000787
#3	.012899	.000015	-.000680	.000139	.003254	.000678	-.000047

Sample Name: PBS Acquired: 9/27/2017 15:31:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001101	-.000684	-.000116
Stddev	.0004639	.000096	.000006
%RSD	421.4928	14.10803	5.042252

#1	.0002409	-.000733	-.000122
#2	.0004945	-.000745	-.000111
#3	-.000405	-.000573	-.000115

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	743.5089	1324.076	34069.86	11420.52	2777.548
Stddev	2.4150	5.519	49.00	10.40	5.132
%RSD	.3248060	.4168206	.1438191	.0910690	.1847536

#1	745.5675	1318.132	34118.46	11416.38	2772.289
#2	740.8506	1325.057	34020.47	11412.83	2777.813
#3	744.1085	1329.039	34070.64	11432.35	2782.541

Sample Name: LCSS Acquired: 9/27/2017 15:35:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239889	.0605015	.0210726	.0677900	.1142253	.3683906
Stddev	.0008088	.0005907	.0021799	.0009449	.0013293	.0046162
%RSD	3.371657	.9763716	10.34472	1.393843	1.163759	1.253075

#1	.0244083	.0599829	.0211204	.0671196	.1132704	.3691949
#2	.0245018	.0611445	.0188692	.0673798	.1136619	.3725519
#3	.0230565	.0603771	.0232282	.0688707	.1157435	.3634252

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3129672	.0110172	.0107436	9.597614	.0231698	.0948267
Stddev	.0028553	.0001815	.0002070	.041162	.0003106	.0009405
%RSD	.9123148	1.647485	1.926631	.4288801	1.340719	.9917708

#1	.3159336	.0108273	.0105158	9.550653	.0231117	.0942920
#2	.3127303	.0111890	.0109201	9.614741	.0235055	.0942754
#3	.3102379	.0110355	.0107949	9.627447	.0228924	.0959126

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495550	.2328014	.0320894	10.03078	.0797328	.0191981
Stddev	.0010586	.0067001	.0007082	.04972	.0005326	.0002127
%RSD	2.136257	2.878049	2.206986	.4956642	.6679187	1.107698

#1	.0498069	.2317049	.0324416	9.99959	.0799770	.0193625
#2	.0504650	.2267171	.0325526	10.08812	.0791219	.0189579
#3	.0483932	.2399821	.0312742	10.00464	.0800993	.0192739

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.490523	.1033387	.1086685	9.159129	F .0299950	F .0232533
Stddev	.107399	.0015260	.0035431	.047555	.0017619	.0001733
%RSD	1.131642	1.476719	3.260491	.5192076	5.874124	.7453020

#1	9.383351	.1017875	.1067438	9.184957	.0310178	.0234292
#2	9.598147	.1048382	.1065044	9.188181	.0310066	.0232480
#3	9.490070	.1033905	.1127574	9.104249	.0279605	.0230827

Sample Name: LCSS Acquired: 9/27/2017 15:35:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218108	.1624171	.1926043	F .0160920	.1985275	.0485851
Stddev	.0001863	.0016922	.0015401	.0017053	.0007213	.0002515
%RSD	.8541768	1.041898	.7996228	10.59738	.3633374	.5176753

#1	.0216376	.1624029	.1923482	.0163267	.1993600	.0487212
#2	.0220079	.1607320	.1942564	.0176678	.1981343	.0487393
#3	.0217869	.1641164	.1912083	.0142815	.1980883	.0482949

Elem	Sr4077
Units	ppm
Avg	.1167491
Stddev	.0004240
%RSD	.3631986

#1	.1170999
#2	.1168696
#3	.1162779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	719.6785	1278.668	32709.88	11203.93	2612.701
Stddev	5.8426	2.084	63.08	53.45	3.146
%RSD	.8118388	.1630052	.1928594	.4770854	.1204156

#1	714.0582	1280.983	32643.06	11194.65	2614.768
#2	725.7206	1276.939	32768.42	11155.73	2614.256
#3	719.2566	1278.083	32718.14	11261.42	2609.081

Sample Name: MDL#1 Acquired: 9/27/2017 15:39:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033810	.0045740	.0010362	-.000070	.0047359	.0094601	.0096736
Stddev	.0041476	.0017560	.0014119	.000802	.0009797	.0028235	.0002404
%RSD	122.6742	38.39158	136.2625	1146.703	20.68598	29.84619	2.485015

#1	.0062860	.0026477	.0024577	-.000988	.0037438	.0099487	.0094460
#2	.0052258	.0049887	-.000366	.000288	.0057026	.0120075	.0096499
#3	-.001369	.0060856	.001017	.000491	.0047612	.0064243	.0099250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005694	.0005665	.2078642	.0001644	.0029436	.0022215	.0107175
Stddev	.0001275	.0000605	.0080590	.0000604	.0002685	.0007938	.0018358
%RSD	22.38242	10.68043	3.877043	36.72046	9.122429	35.73029	17.12935

#1	.0006875	.0005042	.2171103	.0001858	.0032452	.0019229	.0128194
#2	.0004343	.0006250	.2023298	.0000963	.0027303	.0016204	.0099053
#3	.0005865	.0005703	.2041527	.0002113	.0028554	.0031213	.0094278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021267	.2106180	.0037691	.0008483	.2618929	.0028541	.0040222
Stddev	.0003561	.0134305	.0002668	.0002148	.0425544	.0013723	.0008787
%RSD	16.74485	6.376712	7.077769	25.32491	16.24879	48.08318	21.84624

#1	.0019478	.1951805	.0036633	.0009677	.3025692	.0020288	.0030325
#2	.0018955	.2170551	.0040725	.0006003	.2654287	.0044382	.0043233
#3	.0025367	.2196182	.0035714	.0009770	.2176809	.0020952	.0047107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1705087	.0044017	.0093917	.0206457	-.001623	.0364286	.0038779
Stddev	.0296195	.0034028	.0009624	.0001539	.002545	.0005675	.0008612
%RSD	17.37128	77.30581	10.24770	.7453319	156.7890	1.557770	22.20730

#1	.1418658	.0006865	.0100556	.0208233	-.001862	.0369935	.0039629
#2	.1686435	.0051518	.0098315	.0205544	.001033	.0358586	.0046934
#3	.2010167	.0073668	.0082879	.0205593	-.004041	.0364336	.0029773

Sample Name: MDL#1 Acquired: 9/27/2017 15:39:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0041729	.0003152	.0011128
Stddev	.0007793	.0001019	.0000170
%RSD	18.67542	32.33944	1.527761

#1	.0034425	.0003547	.0011294
#2	.0049933	.0001994	.0010954
#3	.0040828	.0003915	.0011138

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.9498	1311.611	33917.51	11376.72	2756.071
Stddev	4.6015	.579	77.91	78.45	5.270
%RSD	.6218650	.0441112	.2297013	.6895876	.1912065

#1	734.6521	1311.289	33828.41	11286.78	2754.911
#2	742.9517	1311.264	33972.78	11431.05	2761.824
#3	742.2455	1312.278	33951.35	11412.32	2751.478

Sample Name: MDL#2 Acquired: 9/27/2017 15:44:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074870	.0053170	.0012230	.0022729	.0056360	.0103152	.0097384
Stddev	.0009334	.0013002	.0005001	.0045517	.0005679	.0008613	.0004663
%RSD	12.46692	24.45322	40.89494	200.2568	10.07575	8.349768	4.788148

#1	.0072525	.0058616	.0017401	.0012581	.0062855	.0093817	.0096149
#2	.0085153	.0062564	.0007417	.0072463	.0052330	.0110791	.0102540
#3	.0066933	.0038331	.0011872	-.001686	.0053896	.0104847	.0093463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005747	.0005847	.1923402	.0002245	.0030011	.0022135	.0099092
Stddev	.0000461	.0000110	.0065089	.0001796	.0001026	.0014471	.0072105
%RSD	8.018033	1.878035	3.384035	80.01284	3.420239	65.37453	72.76536

#1	.0006178	.0005730	.1892450	.0002498	.0030333	.0012907	.0026916
#2	.0005261	.0005947	.1998191	.0003901	.0030837	.0038813	.0099236
#3	.0005802	.0005866	.1879565	.0000336	.0028862	.0014685	.0171126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017123	.2217571	.0039832	.0010115	.2402993	.0036918	.0041344
Stddev	.0002214	.0106131	.0001621	.0001536	.0648707	.0006990	.0016129
%RSD	12.92723	4.785920	4.068551	15.18959	26.99579	18.93475	39.01268

#1	.0016865	.2146364	.0038006	.0009409	.1938786	.0038660	.0039369
#2	.0015050	.2339551	.0040391	.0011877	.2125974	.0029221	.0026293
#3	.0019454	.2166797	.0041099	.0009058	.3144218	.0042873	.0058370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1570870	.0009067	.0100886	.0205303	-.001584	.0386678	.0027810
Stddev	.0135465	.0057143	.0014052	.0001922	.006268	.0005683	.0019330
%RSD	8.623583	630.2198	13.92822	.9360269	395.6893	1.469756	69.50721

#1	.1726171	.0035146	.0111729	.0203316	-.000808	.0382476	.0048423
#2	.1477030	.0048518	.0085011	.0207152	-.008204	.0393144	.0010090
#3	.1509410	-.005646	.0105918	.0205442	.004260	.0384412	.0024917

Sample Name: MDL#2 Acquired: 9/27/2017 15:44:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0038608	.0003140	.0010818
Stddev	.0004027	.0002348	.0000010
%RSD	10.43151	74.78280	.0922095

#1	.0033966	.0001349	.0010825
#2	.0040682	.0005798	.0010806
#3	.0041174	.0002271	.0010823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	748.1098	1315.058	34142.10	11498.88	2777.706
Stddev	3.9037	1.914	190.29	37.13	4.981
%RSD	.5218123	.1455682	.5573522	.3228612	.1793129

#1	745.1968	1312.850	33962.19	11461.65	2773.856
#2	752.5454	1316.075	34341.30	11499.08	2775.930
#3	746.5872	1316.250	34122.81	11535.90	2783.331

Sample Name: MDL#3 Acquired: 9/27/2017 15:48:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008234	.0054757	.0003374	.0027244	.0052853	.0080475	.0099901
Stddev	.0000844	.0004084	.0004871	.0019932	.0002374	.0022884	.0001566
%RSD	10.25107	7.458555	144.3900	73.16035	4.491155	28.43630	1.567050

#1	.0009208	.0051622	-.000103	.0042089	.0051132	.0106869	.0100490
#2	.0007769	.0053273	.000861	.0035053	.0051866	.0068377	.0101088
#3	.0007724	.0059375	.000254	.0004590	.0055561	.0066180	.0098127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005310	.0005858	.1890707	.0001413	.0029762	.0027388	.0121640
Stddev	.0000652	.0000867	.0082647	.0004976	.0001381	.0002550	.0056789
%RSD	12.27537	14.79997	4.371208	352.2332	4.639226	9.311748	46.68564

#1	.0005627	.0006844	.1983390	-.000368	.0028746	.0029648	.0105169
#2	.0004561	.0005219	.1824671	.000626	.0031334	.0027892	.0074908
#3	.0005743	.0005509	.1864060	.000166	.0029206	.0024623	.0184843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017284	.2299714	.0037379	.0010515	.1732596	.0040041	.0059093
Stddev	.0001794	.0094386	.0001318	.0001242	.0192642	.0012542	.0017077
%RSD	10.37704	4.104243	3.525292	11.81466	11.11869	31.32354	28.89916

#1	.0019273	.2213647	.0036041	.0010901	.1895689	.0044314	.0041836
#2	.0016790	.2284844	.0038676	.0009126	.1520048	.0049889	.0059457
#3	.0015790	.2400653	.0037421	.0011520	.1782053	.0025921	.0075985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1759902	.0013870	.0102102	.0213395	-.002772	.0393522	.0041126
Stddev	.0084622	.0023187	.0007660	.0004439	.003876	.0012818	.0019680
%RSD	4.808344	167.1675	7.501853	2.080012	139.8320	3.257224	47.85170

#1	.1720748	.0006398	.0105625	.0208386	-.004947	.0407225	.0063780
#2	.1701947	-.000466	.0107365	.0216840	-.005071	.0391515	.0031350
#3	.1857010	.003987	.0093314	.0214960	.001703	.0381826	.0028250

Sample Name: MDL#3 Acquired: 9/27/2017 15:48:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043843	.0004615	.0011318
Stddev	.0002416	.0001430	.0000128
%RSD	5.510985	30.98431	1.132228

#1	.0043684	.0004952	.0011239
#2	.0046334	.0005846	.0011466
#3	.0041510	.0003046	.0011250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	741.6382	1308.501	34018.96	11411.33	2762.808
Stddev	3.6657	4.028	110.84	41.07	3.426
%RSD	.4942687	.3078624	.3258191	.3599214	.1239872

#1	738.6389	1307.034	33969.28	11364.83	2761.459
#2	740.5512	1305.411	33941.65	11442.65	2760.262
#3	745.7244	1313.057	34145.95	11426.50	2766.702

Sample Name: MDL#4 Acquired: 9/27/2017 15:52:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048184	.0050424	.0009665	.0001483	.0043380	.0065704	.0086750
Stddev	.0009681	.0024847	.0010651	.0013879	.0009478	.0020985	.0002791
%RSD	20.09062	49.27674	110.2013	935.6630	21.84751	31.93969	3.217147

#1	.0058717	.0078804	.0015125	.0011953	.0053168	.0044329	.0083598
#2	.0046162	.0039880	-.000261	-.001426	.0034248	.0066505	.0088905
#3	.0039675	.0032587	.001648	.000676	.0042724	.0086277	.0087749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004524	.0004701	.1689352	-.000293	.0023598	.0019788	.0073365
Stddev	.0000401	.0000609	.0023464	.000392	.0001649	.0006241	.0079181
%RSD	8.855998	12.94996	1.388915	133.9992	6.987080	31.54115	107.9279

#1	.0004245	.0005301	.1668833	.000148	.0021960	.0015187	.0135830
#2	.0004344	.0004717	.1684289	-.000421	.0025257	.0026892	.0099953
#3	.0004983	.0004084	.1714934	-.000604	.0023575	.0017285	-.001569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017273	.2053508	.0034029	.0006841	.1122996	.0018107	.0048012
Stddev	.0002329	.0145103	.0002977	.0000561	.0683450	.0019391	.0024254
%RSD	13.48544	7.066112	8.748424	8.203480	60.85949	107.0901	50.51606

#1	.0018361	.1935429	.0037357	.0007267	.0710775	-.000095	.0058413
#2	.0014598	.2215494	.0031619	.0006205	.0746304	.003782	.0065330
#3	.0018859	.2009600	.0033110	.0007051	.1911909	.001746	.0020292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1441716	.0029734	.0082108	.0180559	-.003287	.0331378	.0040213
Stddev	.0103541	.0036548	.0008691	.0004661	.004215	.0010704	.0008057
%RSD	7.181779	122.9158	10.58498	2.581300	128.2328	3.230199	20.03533

#1	.1348554	.0062870	.0091149	.0185577	.001569	.0323161	.0048107
#2	.1423402	-.000947	.0081360	.0176365	-.005426	.0327490	.0040532
#3	.1553192	.003580	.0073815	.0179734	-.006003	.0343482	.0032002

Sample Name: MDL#4 Acquired: 9/27/2017 15:52:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0034996	.0001802	.0009539
Stddev	.0003216	.0001336	.0000168
%RSD	9.189468	74.10514	1.760618

#1	.0031804	.0000711	.0009655
#2	.0034949	.0003292	.0009346
#3	.0038235	.0001404	.0009615

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	745.3460	1319.821	34022.83	11419.65	2770.457
Stddev	1.0890	4.536	11.02	54.49	7.510
%RSD	.1461030	.3436645	.0323801	.4771630	.2710629

#1	746.1684	1325.001	34022.78	11356.75	2777.431
#2	745.7585	1317.906	34033.88	11452.48	2771.434
#3	744.1110	1316.558	34011.84	11449.73	2762.507

Sample Name: MDL#5 Acquired: 9/27/2017 15:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010106	.0055744	.0003913	.0022339	.0042192	.0087966	.0087306
Stddev	.0056728	.0044626	.0004679	.0034755	.0001881	.0027746	.0000491
%RSD	561.3090	80.05505	119.5622	155.5775	4.459294	31.54129	.5626098

#1	.0067332	.0025593	-.000079	-.001735	.0040019	.0058357	.0087260
#2	.0009099	.0034631	.000857	.004735	.0043285	.0092174	.0087819
#3	-.004611	.0107010	.000396	.003701	.0043270	.0113368	.0086840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005444	.0004770	.1841744	-.000041	.0026508	.0014068	.0049885
Stddev	.0000649	.0000604	.0071192	.000190	.0002088	.0007151	.0024593
%RSD	11.92675	12.65281	3.865443	460.8892	7.876034	50.83422	49.29859

#1	.0005033	.0004908	.1887639	.000100	.0028918	.0006226	.0075498
#2	.0005106	.0004109	.1759733	.000034	.0025247	.0015749	.0047699
#3	.0006192	.0005292	.1877860	-.000257	.0025359	.0020228	.0026459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018404	.2095329	.0036892	.0010647	.1960487	.0023720	.0051753
Stddev	.0001518	.0169233	.0001664	.0000991	.0482877	.0018040	.0012756
%RSD	8.246527	8.076687	4.511094	9.312598	24.63048	76.05462	24.64885

#1	.0018552	.2248794	.0035000	.0010683	.1410170	.0044112	.0040328
#2	.0016817	.2123363	.0038130	.0011620	.2313323	.0017208	.0049414
#3	.0019842	.1913829	.0037547	.0009638	.2157969	.0009840	.0065517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1459825	.0022190	.0067646	.0185329	-.002355	.0324469	.0044167
Stddev	.0119311	.0003552	.0004695	.0000601	.002108	.0002100	.0009108
%RSD	8.172990	16.00505	6.940287	.3242823	89.50687	.6471701	20.62099

#1	.1451715	.0021777	.0072673	.0185823	-.000150	.0323949	.0054683
#2	.1582984	.0025931	.0066889	.0184660	-.004350	.0326781	.0038795
#3	.1344775	.0018864	.0063376	.0185503	-.002566	.0322679	.0039023

Sample Name: MDL#5 Acquired: 9/27/2017 15:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0037498	.0001020	.0009690
Stddev	.0005057	.0000516	.0000084
%RSD	13.48677	50.59779	.8636398

#1	.0035992	.0001072	.0009671
#2	.0033365	.0001509	.0009618
#3	.0043138	.0000480	.0009782

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	740.8784	1313.186	34029.39	11393.78	2760.241
Stddev	2.3092	1.887	150.30	19.04	1.405
%RSD	.3116821	.1437180	.4416893	.1671453	.0508904

#1	738.2143	1312.385	33859.72	11407.17	2761.595
#2	742.1156	1311.832	34082.62	11402.18	2760.338
#3	742.3055	1315.342	34145.84	11371.97	2758.790

Sample Name: MDL#6 Acquired: 9/27/2017 16:00:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106551	.0043794	.0004491	.0001353	.0046037	.0093928	.0097333
Stddev	.0045571	.0003651	.0018785	.0049872	.0009595	.0003522	.0003338
%RSD	42.76934	8.336976	418.3111	3685.584	20.84233	3.749246	3.429405

#1	.0158429	.0041139	-.001368	.0057820	.0038168	.0094145	.0097821
#2	.0088244	.0047957	.000332	-.003667	.0056726	.0097336	.0100400
#3	.0072980	.0042285	.002383	-.001709	.0043217	.0090303	.0093778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005475	.0005864	.1904252	-.000560	.0028607	.0021727	.0125943
Stddev	.0001106	.0001609	.0101718	.000148	.0004619	.0005268	.0059755
%RSD	20.20272	27.44459	5.341626	26.42100	16.14691	24.24706	47.44622

#1	.0004199	.0004047	.2013785	-.000485	.0033297	.0015813	.0080046
#2	.0006075	.0006435	.1812763	-.000731	.0028463	.0025916	.0193509
#3	.0006152	.0007110	.1886210	-.000465	.0024062	.0023452	.0104273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017316	.2248899	.0035433	.0010668	.2909774	.0028695	.0072070
Stddev	.0001987	.0036662	.0002256	.0002140	.0279540	.0004802	.0014310
%RSD	11.47736	1.630200	6.365469	20.06340	9.606940	16.73414	19.85622

#1	.0015046	.2206717	.0033130	.0010047	.3221899	.0028425	.0060269
#2	.0018744	.2266895	.0037637	.0013050	.2682464	.0033627	.0067953
#3	.0018157	.2273085	.0035533	.0008907	.2824959	.0024034	.0087987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1570012	.0010117	.0092821	.0206273	-.002615	.0363055	.0040472
Stddev	.0117641	.0032599	.0013142	.0002059	.003171	.0015261	.0004714
%RSD	7.492976	322.2188	14.15810	.9980596	121.2491	4.203514	11.64746

#1	.1649874	-.000741	.0090857	.0208382	-.000222	.0370545	.0039213
#2	.1434919	.004773	.0106834	.0204269	-.001413	.0373123	.0036515
#3	.1625243	-.000997	.0080772	.0206167	-.006211	.0345496	.0045687

Sample Name: MDL#6 Acquired: 9/27/2017 16:00:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039001	.0003230	.0011069
Stddev	.0002252	.0001159	.0000128
%RSD	5.772869	35.87850	1.154520

#1	.0038573	.0004564	.0010934
#2	.0036994	.0002639	.0011086
#3	.0041436	.0002484	.0011187

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	740.0201	1313.776	34002.94	11399.50	2767.096
Stddev	.3203	2.748	89.98	45.80	5.715
%RSD	.0432855	.2092018	.2646306	.4017727	.2065455

#1	740.3886	1311.012	33899.47	11347.60	2760.950
#2	739.8626	1316.509	34062.91	11434.25	2768.085
#3	739.8090	1313.809	34046.43	11416.65	2772.251

Sample Name: MDL#7 Acquired: 9/27/2017 16:05:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031215	.0034721	.0005562	-.000332	.0045670	.0060551	.0097374
Stddev	.0024619	.0021138	.0007749	.000979	.0008477	.0034201	.0006336
%RSD	78.86883	60.87764	139.3166	294.7623	18.56230	56.48395	6.506877

#1	.0023608	.0033432	.0009909	-.000953	.0036223	.0099465	.0092624
#2	.0058740	.0014258	-.000338	-.000841	.0052615	.0035262	.0094930
#3	.0011298	.0056474	.001016	.000797	.0048172	.0046925	.0104568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005560	.0005710	.1913285	-.000096	.0028089	.0022614	.0126780
Stddev	.0000861	.0001092	.0050798	.000287	.0004034	.0003551	.0025395
%RSD	15.49534	19.12804	2.654989	298.1740	14.36003	15.70429	20.03088

#1	.0004594	.0006096	.1967778	-.000098	.0025422	.0026566	.0104616
#2	.0006248	.0004477	.1867243	.000192	.0026116	.0019690	.0154490
#3	.0005838	.0006557	.1904833	-.000383	.0032729	.0021585	.0121235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017316	.2126417	.0037983	.0006482	.2124244	.0032042	.0012036
Stddev	.0001362	.0237716	.0005493	.0002259	.0290383	.0011469	.0045764
%RSD	7.864609	11.17920	14.46119	34.84740	13.66994	35.79364	380.2240

#1	.0018885	.2363406	.0033114	.0006084	.2171304	.0027268	-.002398
#2	.0016437	.2127865	.0043938	.0008913	.1813205	.0023731	.006353
#3	.0016627	.1887980	.0036898	.0004448	.2388222	.0045127	-.000345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763327	.0034732	.0087979	.0202666	-.000685	.0379113	.0038018
Stddev	.0144282	.0013553	.0002659	.0001734	.002391	.0014368	.0010539
%RSD	8.182354	39.02187	3.021902	.8556768	349.0198	3.789921	27.72171

#1	.1597709	.0050377	.0088308	.0204346	-.002976	.0391126	.0030285
#2	.1830478	.0027228	.0090458	.0202769	-.000875	.0363197	.0050023
#3	.1861794	.0026590	.0085171	.0200882	.001795	.0383017	.0033747

Sample Name: MDL#7 Acquired: 9/27/2017 16:05:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0038366	.0001653	.0010655
Stddev	.0005038	.0002166	.0000032
%RSD	13.13123	130.9956	.2974748

#1	.0042719	-.000015	.0010678
#2	.0032847	.000105	.0010669
#3	.0039531	.000406	.0010619

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.0495	1317.185	33922.45	11319.68	2764.180
Stddev	5.7815	6.801	156.71	71.47	3.871
%RSD	.7833491	.5162936	.4619653	.6313531	.1400274

#1	733.5720	1309.516	33812.27	11252.92	2760.762
#2	736.0000	1319.559	33853.24	11311.05	2768.383
#3	744.5766	1322.481	34101.85	11395.08	2763.395

Sample Name: CCV081 Acquired: 9/27/2017 16:09:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.065014	4.891294	24.32230	4.951538	5.023943	397.4190
Stddev	.037616	.031387	.09034	.045686	.036099	1.0570
%RSD	.7426658	.6416941	.3714489	.9226621	.7185322	.2659640

#1	5.062853	4.903558	24.23114	4.962725	5.010956	398.1619
#2	5.028524	4.855626	24.32396	4.901298	4.996135	397.8863
#3	5.103663	4.914697	24.41181	4.990592	5.064738	396.2090

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14970	.5069818	2.518082	402.8512	15.31241	2.495386
Stddev	.04311	.0029460	.006555	.8123	.13773	.008528
%RSD	.4246990	.5810835	.2603128	.2016414	.8994704	.3417367

#1	10.10084	.5089364	2.510524	402.8116	15.29976	2.485550
#2	10.18233	.5035934	2.521502	403.6826	15.18144	2.500711
#3	10.16594	.5084155	2.522220	402.0594	15.45603	2.499897

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44092	400.1444	14.92171	402.6846	2.479582	1.326944
Stddev	.01392	.8067	.02408	.9408	.008859	.005262
%RSD	.0901382	.2016046	.1613960	.2336408	.3572626	.3965482

#1	15.45356	399.2215	14.93981	401.6110	2.469896	1.328663
#2	15.44320	400.7154	14.93095	403.0774	2.487274	1.321038
#3	15.42600	400.4962	14.89438	403.3654	2.481575	1.331132

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.9710	2.479244	15.33249	154.2255	F 14.80554	F 4.103743
Stddev	.8296	.008516	.27067	.1990	.24178	.023499
%RSD	.2084550	.3434832	1.765342	.1290316	1.633032	.5726296

#1	397.0392	2.472741	15.26500	154.0374	14.93767	4.104764
#2	398.6292	2.488883	15.63052	154.2053	14.52649	4.079750
#3	398.2446	2.476108	15.10195	154.4338	14.95246	4.126715

Sample Name: CCV081 Acquired: 9/27/2017 16:09:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.930102	5.168343	4.868067	4.971067	4.982528	8.969539
Stddev	.030881	.081122	.021751	.017244	.009268	.010420
%RSD	.6263857	1.569586	.4468163	.3468896	.1860026	.1161688

#1	4.934005	5.184273	4.886478	4.963705	4.974189	8.969767
#2	4.897454	5.080438	4.844066	4.958726	4.992506	8.979843
#3	4.958846	5.240317	4.873657	4.990770	4.980891	8.959007

Elem	Sr4077
Units	ppm
Avg	8.529039
Stddev	.031802
%RSD	.3728671

#1	8.513883
#2	8.507650
#3	8.565584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	566.8577	1006.963	27148.87	10157.38	1758.807
Stddev	10.8832	5.919	87.04	21.61	5.571
%RSD	1.919917	.5877943	.3205964	.2127855	.3167698

#1	568.2361	1008.052	27172.91	10134.45	1764.050
#2	555.3510	1012.263	27052.34	10160.32	1759.414
#3	576.9860	1000.576	27221.37	10177.37	1752.957

Sample Name: CCB081 Acquired: 9/27/2017 16:13:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022749	.0012027	.0011324	.0013535	-.000156	.0282467	.0006566
Stddev	.0028505	.0020023	.0019552	.0033359	.000707	.0037683	.0001349
%RSD	125.3055	166.4873	172.6581	246.4682	453.2426	13.34066	20.53848

#1	-.000571	.0000378	-.000982	.0051587	.000470	.0321077	.0007050
#2	.005130	.0035148	.001504	-.000031	-.000016	.0245785	.0005042
#3	.002265	.0000556	.002875	-.001067	-.000922	.0280538	.0007605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000193	.0000895	.0362019	.0007636	.0000071	.0006164	.0359107
Stddev	.0001310	.0001093	.0071895	.0002558	.0002422	.0009432	.0033197
%RSD	677.0245	122.1266	19.85950	33.50369	3406.879	153.0239	9.244218

#1	.0001704	-.000014	.0420767	.0009732	-.000272	.0004857	.0345264
#2	-.000048	.000204	.0383445	.0004785	.000139	-.000255	.0396984
#3	-.000064	.000079	.0281847	.0008391	.000154	.001618	.0335071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009428	.0396803	-.000038	.0001960	.0994398	.0001928	.0024225
Stddev	.0002032	.0082892	.000324	.0002767	.0230240	.0007850	.0019167
%RSD	21.55680	20.88999	861.4316	141.2031	23.15368	407.0803	79.11924

#1	.0011575	.0424157	.000252	.0001042	.0766403	.0000898	.0005026
#2	.0007535	.0462562	.000021	-.000023	.1226818	.0010242	.0043359
#3	.0009173	.0303692	-.000387	.000507	.0989973	-.000536	.0024290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289975	-.000383	.0093605	.0005195	-.003602	.0005207	-.003594
Stddev	.0310250	.001809	.0012946	.0001321	.003985	.0009465	.001289
%RSD	106.9919	471.9473	13.83049	25.43499	110.6346	181.7972	35.85814

#1	.0239322	-.001912	.0104566	.0004678	-.006604	.0014167	-.003254
#2	.0008168	.001613	.0096927	.0006697	-.005121	-.000469	-.002509
#3	.0622434	-.000850	.0079321	.0004211	.000919	.000615	-.005018

Sample Name: CCB081 Acquired: 9/27/2017 16:13:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004876	.0008456	.0005909
Stddev	.0002886	.0000463	.0000265
%RSD	59.17563	5.470334	4.488666

#1	.0005843	.0008366	.0006155
#2	.0001632	.0008045	.0005943
#3	.0007155	.0008957	.0005628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	741.5659	1312.650	33877.45	11360.28	2756.649
Stddev	2.9990	4.144	34.57	35.43	5.587
%RSD	.4044088	.3156806	.1020522	.3118996	.2026808

#1	739.9471	1311.371	33872.39	11325.28	2750.451
#2	745.0264	1317.283	33914.27	11396.13	2758.197
#3	739.7242	1309.297	33845.68	11359.42	2761.299

Sample Name: PB102592BL Acquired: 9/27/2017 16:17:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0046704	.0024809	-.000054	.0002093	.0002169	.0036090	-.000335
Stddev	.0049572	.0040630	.000640	.0010751	.0006221	.0036352	.000211
%RSD	106.1394	163.7692	1194.334	513.5453	286.8727	100.7255	62.93934

#1	.0098689	.0002109	-.000769	-.000835	.0009297	-.000142	-.000579
#2	-.000004	.0000603	.000141	.001312	-.000063	.007117	-.000206
#3	.004146	.0071716	.000467	.000151	-.000217	.003852	-.000221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000014	-.000083	-.001288	-.000451	.0001235	.0008238	.0041817
Stddev	.0000712	.000137	.003000	.000329	.0002267	.0011914	.0060478
%RSD	5170.480	164.4656	232.9431	72.97192	183.5593	144.6206	144.6245

#1	-.000069	.000019	.001559	-.000096	-.000129	.0007195	-.001625
#2	-.000000	-.000030	-.001002	-.000746	.000308	.0020640	.003726
#3	.000073	-.000239	-.004420	-.000510	.000191	-.000312	.010444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000166	.0113720	-.000129	.0001189	.0437075	-.000915	.0023773
Stddev	.0001553	.0131143	.000181	.0000549	.0684415	.000738	.0004187
%RSD	936.1318	115.3207	140.0454	46.14355	156.5899	80.60399	17.61209

#1	-.000138	.0050411	-.000321	.0001577	.1214816	-.001675	.0019722
#2	.000016	.0264506	-.000107	.0000561	.0169708	-.000201	.0023513
#3	.000172	.0026243	.000039	.0001429	-.007330	-.000870	.0028084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230390	-.000650	.0026726	.0004062	-.002973	.0000785	-.001324
Stddev	.0168041	.001934	.0003236	.0002381	.001572	.0002048	.000552
%RSD	72.93747	297.6592	12.10852	58.61952	52.87297	260.8389	41.70563

#1	.0355751	-.000940	.0023429	.0004106	-.001595	.0003138	-.001941
#2	.0295972	-.002422	.0029897	.0006421	-.004685	-.000060	-.000874
#3	.0039448	.001413	.0026853	.0001659	-.002639	-.000018	-.001159

Sample Name: PB102592BL Acquired: 9/27/2017 16:17:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0000211	-.000227	-.000037
Stddev	.0000730	.000244	.000005
%RSD	345.7429	107.4534	13.58856

#1	.0001052	-.000452	-.000037
#2	-.000016	.000032	-.000042
#3	-.000026	-.000261	-.000032

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	746.5479	1314.690	34093.59	11377.30	2776.766
Stddev	.5000	4.935	19.78	49.12	5.935
%RSD	.0669803	.3754012	.0580028	.4317778	.2137508

#1	746.7480	1309.488	34071.31	11366.95	2770.289
#2	745.9788	1319.307	34109.05	11334.18	2781.944
#3	746.9168	1315.274	34100.42	11430.78	2778.065

Sample Name: PB102592BS Acquired: 9/27/2017 16:21:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0182173	.0576353	.0195462	.0673408	.1128210	.3724110
Stddev	.0028361	.0013851	.0003034	.0033561	.0019245	.0035788
%RSD	15.56804	2.403211	1.552392	4.983704	1.705838	.9609813

#1	.0190231	.0587561	.0198416	.0643114	.1119157	.3763287
#2	.0205633	.0560868	.0192353	.0667627	.1115160	.3715908
#3	.0150655	.0580631	.0195616	.0709484	.1150312	.3693136

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4548169	.0109231	.0106989	9.544564	.0227235	.0940154
Stddev	.0013221	.0000439	.0000634	.078920	.0002074	.0004616
%RSD	.2906865	.4016259	.5928065	.8268587	.9126194	.4909623

#1	.4548639	.0108734	.0106751	9.464438	.0226945	.0934842
#2	.4534720	.0109562	.0106508	9.622220	.0229438	.0943185
#3	.4561149	.0109399	.0107708	9.547036	.0225321	.0942436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494124	.2257479	.0317345	10.02106	.0788013	.0192702
Stddev	.0004921	.0059890	.0006850	.01493	.0002398	.0001392
%RSD	.9958801	2.652957	2.158375	.1489888	.3043399	.7225458

#1	.0499339	.2221379	.0310565	10.01631	.0786334	.0193995
#2	.0493469	.2326612	.0324262	10.00908	.0786944	.0191228
#3	.0489563	.2224447	.0317208	10.03778	.0790759	.0192884

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.419035	.1030078	.1076406	8.747550	F .0334031	F .0236182
Stddev	.129552	.0029788	.0016078	.026442	.0033000	.0010585
%RSD	1.375426	2.891843	1.493695	.3022757	9.879383	4.481509

#1	9.270286	.1051816	.1067311	8.772280	.0325597	.0235945
#2	9.479661	.1042295	.1066935	8.719678	.0370430	.0246883
#3	9.507157	.0996124	.1094970	8.750691	.0306066	.0225718

Sample Name: PB102592BS Acquired: 9/27/2017 16:21:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0225269	.1771656	.1870533	F .0105151	.1975702	.0484667
Stddev	.0003480	.0020610	.0011142	.0009119	.0005657	.0002162
%RSD	1.544893	1.163334	.5956357	8.672042	.2863260	.4460170

#1	.0229285	.1758569	.1870159	.0103104	.1973064	.0486944
#2	.0223146	.1795413	.1881857	.0097229	.1971846	.0482643
#3	.0223376	.1760984	.1859583	.0115119	.1982196	.0484413

Elem	Sr4077
Units	ppm
Avg	.1167788
Stddev	.0001410
%RSD	.1207535

#1	.1167837
#2	.1166354
#3	.1169173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	720.5332	1271.685	33005.57	11325.31	2627.007
Stddev	7.8743	3.404	97.93	28.56	3.627
%RSD	1.092842	.2677008	.2967209	.2521902	.1380601

#1	711.4947	1275.074	32894.97	11303.83	2628.464
#2	725.9093	1271.714	33040.48	11314.37	2629.680
#3	724.1955	1268.266	33081.27	11357.72	2622.879

Sample Name: PB102593BL Acquired: 9/27/2017 16:25:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0017393	-.000975	.0001052	-.000998	-.000523	-.001813	-.000011
Stddev	.0043019	.000909	.0010562	.001787	.001419	.003370	.000084
%RSD	247.3368	93.23399	1004.174	179.1124	271.1886	185.8262	738.1181

#1	.0060396	-.001330	-.000986	.000732	-.000825	-.005632	.000080
#2	.0017426	.000058	.000179	-.000888	-.001768	.000743	-.000086
#3	-.002564	-.001652	.001122	-.002838	.001023	-.000552	-.000028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000124	.0000520	.0008687	-.000380	.0000826	.0003326	-.003555
Stddev	.0000491	.0000824	.0108414	.000135	.0001860	.0007931	.006764
%RSD	394.9403	158.4437	1248.041	35.50255	225.0840	238.4366	190.2456

#1	.0000446	.0001460	-.001364	-.000533	.0002575	-.000581	-.006938
#2	.0000368	.0000181	-.008683	-.000330	.0001032	.000849	-.007961
#3	-.000044	-.000008	.012653	-.000277	-.000113	.000730	.004233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000507	.0153167	-.000670	.0000789	.0360045	-.000373	.0008978
Stddev	.000240	.0018122	.000519	.0002083	.0423155	.001615	.0008663
%RSD	47.37200	11.83133	77.47472	263.8400	117.5282	433.5225	96.49114

#1	-.000266	.0147275	-.000660	.0001214	-.004600	-.001936	.0018976
#2	-.000746	.0138725	-.000156	.0002628	.079845	-.000471	.0004244
#3	-.000509	.0173502	-.001193	-.000147	.032769	.001290	.0003713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189072	.0019899	-.000168	-.000105	-.000701	.0005683	-.001499
Stddev	.0400438	.0021741	.000794	.000266	.001256	.0006247	.000795
%RSD	211.7913	109.2575	473.1094	252.4568	179.0684	109.9308	53.06207

#1	.0646746	.0044786	-.000440	.000178	.000033	.0000101	-.001065
#2	-.009679	.0010310	.000726	-.000349	.000015	.0004517	-.002416
#3	.001726	.0004601	-.000789	-.000145	-.002152	.0012431	-.001014

Sample Name: PB102593BL Acquired: 9/27/2017 16:25:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0004208	-.000375	-.000113
Stddev	.0001822	.000085	.000001
%RSD	43.29734	22.60650	.4916413

#1	.0004415	-.000463	-.000113
#2	.0005918	-.000294	-.000112
#3	.0002292	-.000368	-.000113

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	741.4117	1316.411	34060.12	11360.91	2768.596
Stddev	4.2529	6.439	102.11	35.15	9.055
%RSD	.5736270	.4891509	.2997950	.3093744	.3270509

#1	742.1782	1310.975	33976.47	11335.28	2759.606
#2	736.8276	1323.522	34029.98	11400.98	2777.714
#3	745.2292	1314.737	34173.91	11346.48	2768.467

Sample Name: I5317-08 Acquired: 9/27/2017 16:34:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3078017	-.050110	3.896055	-.004198	.0127621	69.43466	1.910054
Stddev	.0022682	.006188	.015495	.003116	.0019391	.19520	.003787
%RSD	.7368859	12.34877	.3977172	74.22441	15.19406	.2811294	.1982871

#1	.3076641	-.057255	3.882750	-.006402	.0112322	69.51648	1.908447
#2	.3056056	-.046597	3.892348	-.000633	.0149429	69.21187	1.907335
#3	.3101356	-.046479	3.913068	-.005560	.0121111	69.57564	1.914380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125582	.0267602	400.9486	.1744160	.1140163	2.237979	280.7571
Stddev	.0001461	.0001828	1.2463	.0006557	.0001425	.005831	1.5590
%RSD	1.163031	.6832515	.3108345	.3759351	.1249825	.2605612	.5552821

#1	.0126526	.0269601	400.3428	.1736589	.1138910	2.239618	281.5251
#2	.0123900	.0266015	400.1211	.1747900	.1141713	2.231504	278.9631
#3	.0126321	.0267189	402.3820	.1747992	.1139865	2.242816	281.7830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.487806	110.6814	.3277184	.0115842	2.810979	.2372379	3.846160
Stddev	.024888	.7041	.0011068	.0003280	.079618	.0027465	.005921
%RSD	.3836052	.6361682	.3377307	2.831712	2.832376	1.157712	.1539383

#1	6.467053	110.8823	.3266088	.0116124	2.895020	.2379883	3.848098
#2	6.480966	109.8986	.3288224	.0112429	2.801236	.2341941	3.839513
#3	6.515398	111.2632	.3277240	.0118972	2.736682	.2395312	3.850868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02928	13.22702	-.715697	.0213673	11.01695	3.212150	.3054333
Stddev	.02721	.05041	.005711	.0004285	.01576	.011448	.0062092
%RSD	.2712978	.3810823	.7980273	2.005367	.1430364	.3564107	2.032916

#1	10.02726	13.28026	-.720353	.0211277	11.03515	3.225297	.3009114
#2	10.00314	13.22078	-.709324	.0211122	11.00776	3.204380	.3028757
#3	10.05744	13.18003	-.717412	.0218620	11.00795	3.206773	.3125128

Sample Name: I5317-08 Acquired: 9/27/2017 16:34:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.418645	.0600750	.5273237
Stddev	.004871	.0003359	.0013803
%RSD	.3433252	.5590747	.2617555

#1	1.423313	.0598702	.5276583
#2	1.413595	.0598921	.5258069
#3	1.419026	.0604626	.5285059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	712.2754	1268.362	34091.86	12360.64	2028.589
Stddev	2.3808	4.714	19.02	32.83	2.204
%RSD	.3342584	.3716731	.0557767	.2656085	.1086596

#1	709.8331	1263.070	34070.00	12338.47	2026.049
#2	714.5896	1269.903	34101.02	12398.36	2030.001
#3	712.4034	1272.113	34104.56	12345.09	2029.717

Sample Name: I5317-09 Acquired: 9/27/2017 16:38:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE040D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3004346	-.053547	3.845510	-.004928	.0135835	68.52330	1.885023
Stddev	.0070668	.004339	.027013	.008473	.0031075	.17175	.000862
%RSD	2.352182	8.102272	.7024517	171.9423	22.87703	.2506407	.0457074

#1	.3065588	-.057894	3.859028	.000229	.0134891	68.71934	1.885231
#2	.2927024	-.053531	3.863095	-.014707	.0105243	68.39936	1.885762
#3	.3020426	-.049217	3.814407	-.000306	.0167372	68.45120	1.884077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124995	.0267003	394.4148	.1729332	.1123374	2.205634	276.7462
Stddev	.0000655	.0003895	1.1075	.0019452	.0007725	.006638	.8046
%RSD	.5243357	1.458685	.2808078	1.124834	.6876641	.3009407	.2907497

#1	.0124835	.0267541	393.7968	.1708975	.1123549	2.213139	277.1265
#2	.0124435	.0270601	393.7541	.1731289	.1131009	2.200536	275.8219
#3	.0125716	.0262867	395.6934	.1747731	.1115562	2.203226	277.2902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.384701	109.0265	.3222162	.0115372	2.741824	.2345877	3.733209
Stddev	.019654	.3317	.0023607	.0004040	.036928	.0024361	.043862
%RSD	.3078257	.3042311	.7326402	3.501400	1.346828	1.038457	1.174908

#1	6.378328	109.3473	.3234599	.0119921	2.701418	.2319037	3.685660
#2	6.369025	108.6849	.3236951	.0113991	2.773823	.2352006	3.741877
#3	6.406751	109.0472	.3194938	.0112204	2.750233	.2366588	3.772089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.836265	12.99830	-.712882	.0214871	10.83281	3.159295	.3027197
Stddev	.094009	.14380	.003340	.0004385	.10852	.022170	.0026683
%RSD	.9557390	1.106324	.4685599	2.040666	1.001795	.7017510	.8814280

#1	9.944702	13.09376	-.715872	.0218220	10.88082	3.166809	.3032277
#2	9.777716	13.06824	-.709277	.0216487	10.90904	3.134344	.3050974
#3	9.786376	12.83291	-.713497	.0209908	10.70856	3.176732	.2998339

Sample Name: I5317-09 Acquired: 9/27/2017 16:38:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE040D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.396061	.0591883	.5193833
Stddev	.002045	.0004011	.0011267
%RSD	.1465080	.6776422	.2169409

#1	1.398322	.0595727	.5206584
#2	1.394341	.0592199	.5185217
#3	1.395519	.0587724	.5189698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	724.7037	1277.538	34705.79	12492.86	2052.724
Stddev	6.3483	10.594	229.73	46.79	16.529
%RSD	.8759812	.8292795	.6619221	.3745323	.8052200

#1	731.8087	1267.942	34960.77	12450.73	2040.189
#2	722.7134	1275.766	34641.65	12543.22	2046.528
#3	719.5891	1288.907	34514.96	12484.63	2071.456

Sample Name: I5317-10 Acquired: 9/27/2017 16:42:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE040S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3752268	.0565984	3.981553	.0679967	.0449439	76.11688	5.638415
Stddev	.0056294	.0049585	.024849	.0054601	.0029065	.24352	.016273
%RSD	1.500276	8.760834	.6240918	8.029891	6.467025	.3199244	.2886106

#1	.3692082	.0607817	3.980407	.0656002	.0482218	76.05679	5.657147
#2	.3803629	.0511213	3.957297	.0742452	.0439288	76.38482	5.630330
#3	.3761093	.0578923	4.006954	.0641448	.0426810	75.90904	5.627768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0926236	.1214355	408.3377	.5165760	1.083285	2.726679	293.4394
Stddev	.0003602	.0012625	1.6617	.0006865	.006177	.012104	1.6022
%RSD	.3888407	1.039664	.4069507	.1328956	.5702558	.4439261	.5459975

#1	.0928531	.1215644	406.4299	.5161091	1.082993	2.740616	292.1613
#2	.0922085	.1201135	409.4689	.5173642	1.077258	2.720627	295.2368
#3	.0928092	.1226286	409.1144	.5162545	1.089603	2.718794	292.9200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.444020	113.8390	1.314677	.0175034	2.765741	1.109527	4.662625
Stddev	.015543	.5822	.003599	.0004333	.037969	.007996	.025080
%RSD	.2087950	.5114089	.2737402	2.475433	1.372847	.7206777	.5378884

#1	7.426135	113.5223	1.313593	.0179861	2.806021	1.102715	4.675069
#2	7.454262	114.5109	1.311746	.0171480	2.730607	1.118331	4.679050
#3	7.451663	113.4838	1.318694	.0173761	2.760596	1.107535	4.633757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47400	13.18695	-.753641	.0210795	11.08586	4.394615	1.439595
Stddev	.04720	.04902	.005252	.0000125	.04556	.004321	.014280
%RSD	.4506215	.3717070	.6968605	.0592073	.4110066	.0983243	.9919406

#1	10.52636	13.13122	-.758400	.0210899	11.03767	4.393522	1.429069
#2	10.46094	13.20620	-.748006	.0210657	11.09168	4.390945	1.433866
#3	10.43471	13.22341	-.754517	.0210828	11.12823	4.399377	1.455850

Sample Name: I5317-10 Acquired: 9/27/2017 16:42:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE040S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.478873	.0626729	.5408382
Stddev	.000192	.0002250	.0008367
%RSD	.0129646	.3589650	.1546972

#1	1.478757	.0628651	.5417654
#2	1.479094	.0624255	.5401395
#3	1.478767	.0627280	.5406098

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	708.1449	1259.372	33983.21	12336.46	2007.390
Stddev	6.7058	5.066	155.80	33.92	2.987
%RSD	.9469547	.4022447	.4584704	.2749654	.1487858

#1	701.0980	1260.104	33858.64	12309.75	2006.125
#2	708.8892	1253.981	33933.08	12324.99	2005.243
#3	714.4476	1264.033	34157.91	12374.63	2010.801

Sample Name: I5317-08LX5 Acquired: 9/27/2017 16:46:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE040L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667003	-.007192	.8229289	-.000040	.0036523	14.81279	.4140302
Stddev	.0029857	.003474	.0022328	.005184	.0026718	.02893	.0015403
%RSD	4.476240	48.29755	.2713231	13120.56	73.15614	.1953197	.3720321

#1	.0633853	-.005823	.8212053	-.006003	.0030613	14.84550	.4154772
#2	.0675379	-.004612	.8221302	.003386	.0013253	14.79054	.4142023
#3	.0691777	-.011142	.8254512	.002499	.0065701	14.80233	.4124110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029864	.0046943	86.96872	.0431655	.0217542	.4812145	65.55504
Stddev	.0001320	.0002949	.24353	.0002354	.0003382	.0001998	.09258
%RSD	4.420438	6.281169	.2800217	.5454351	1.554715	.0415102	.1412303

#1	.0030707	.0044641	86.91268	.0429773	.0218242	.4813123	65.57768
#2	.0030541	.0050267	86.75809	.0434295	.0213865	.4809847	65.45324
#3	.0028342	.0045922	87.23538	.0430897	.0220520	.4813466	65.63421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498040	24.80452	.0657427	.0028339	.5201757	.0533057	.8088067
Stddev	.002280	.05817	.0000917	.0001271	.0492443	.0015624	.0115251
%RSD	.1521800	.2345131	.1395549	4.484613	9.466849	2.931050	1.424955

#1	1.500418	24.87156	.0656522	.0027363	.4913696	.0546471	.7962051
#2	1.497829	24.76735	.0658356	.0027877	.5770364	.0515902	.8114022
#3	1.495873	24.77465	.0657404	.0029776	.4921211	.0536796	.8188127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.078010	2.400293	-.157333	.0047581	2.074823	.6965344	.0605973
Stddev	.042355	.004137	.001860	.0001769	.020796	.0020251	.0023853
%RSD	2.038227	.1723485	1.182272	3.717222	1.002279	.2907402	3.936336

#1	2.099490	2.405067	-.159441	.0045641	2.070434	.6981288	.0595075
#2	2.105320	2.397761	-.155922	.0049102	2.056572	.6972186	.0589515
#3	2.029219	2.398051	-.156637	.0048001	2.097462	.6942558	.0633328

Sample Name: I5317-08LX5 Acquired: 9/27/2017 16:46:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE040L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3171423	.0120637	.1166539
Stddev	.0006988	.0001590	.0001708
%RSD	.2203454	1.317985	.1464032

#1	.3174232	.0119585	.1168160
#2	.3163468	.0122466	.1166702
#3	.3176569	.0119860	.1164756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	713.3287	1267.824	33033.43	11503.84	2437.093
Stddev	2.5407	3.019	23.26	55.34	.426
%RSD	.3561745	.2380877	.0704032	.4810310	.0174648

#1	714.8420	1266.113	33048.38	11440.18	2436.639
#2	710.3955	1266.050	33006.64	11530.88	2437.159
#3	714.7487	1271.309	33045.28	11540.45	2437.483

Sample Name: I5318-06 Acquired: 9/27/2017 16:50:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996771	-.043749	2.649995	.0061837	.0122094	66.82260	2.626104
Stddev	.0049003	.006457	.005064	.0053846	.0010722	.22517	.008944
%RSD	2.454101	14.76028	.1911124	87.07687	8.781771	.3369655	.3405629

#1	.1961654	-.047413	2.646641	.0105453	.0124483	67.07599	2.636065
#2	.2052754	-.047541	2.647524	.0001654	.0110379	66.64544	2.618763
#3	.1975906	-.036293	2.655821	.0078405	.0131419	66.74637	2.623484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093937	.0240924	428.8836	.1743324	.0913658	1.004767	223.9615
Stddev	.0002240	.0002286	2.2112	.0014929	.0005735	.007169	.5747
%RSD	2.384580	.9489987	.5155777	.8563431	.6277420	.7135433	.2565923

#1	.0096522	.0240309	427.0799	.1760444	.0907102	1.012782	223.7858
#2	.0092712	.0239008	428.2205	.1736512	.0917746	.998965	223.4951
#3	.0092576	.0243455	431.3506	.1733016	.0916127	1.002555	224.6035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.019597	195.5048	.3964257	.0092436	2.191144	.2155594	2.511327
Stddev	.019579	.6363	.0025274	.0002690	.053434	.0027085	.024083
%RSD	.3252481	.3254778	.6375449	2.910518	2.438612	1.256480	.9589578

#1	6.011014	195.7193	.3952500	.0095492	2.231034	.2132216	2.500257
#2	6.005777	194.7890	.3947003	.0091395	2.130435	.2185274	2.494770
#3	6.042002	196.0062	.3993268	.0090422	2.211963	.2149291	2.538954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.46512	17.78668	-.518938	.0207829	13.26418	5.343034	.1287939
Stddev	.11616	.13859	.002292	.0006674	.12434	.019046	.0006816
%RSD	1.013181	.7791642	.4416224	3.211416	.9374154	.3564636	.5292501

#1	11.59226	17.71702	-.521336	.0214929	13.14778	5.363086	.1288001
#2	11.36454	17.69675	-.518708	.0201684	13.24959	5.340831	.1281092
#3	11.43854	17.94628	-.516770	.0206873	13.39518	5.325185	.1294724

Sample Name: I5318-06 Acquired: 9/27/2017 16:50:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305031	.0726780	.3715401
Stddev	.005582	.0006187	.0013365
%RSD	.4277468	.8512573	.3597305

#1	1.307585	.0733895	.3730289
#2	1.298628	.0722673	.3704436
#3	1.308879	.0723770	.3711477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	703.0391	1243.697	33871.50	12300.73	2015.534
Stddev	2.4502	7.214	55.98	58.07	6.957
%RSD	.3485109	.5800738	.1652802	.4720505	.3451820

#1	705.7127	1235.946	33836.40	12233.81	2010.616
#2	700.9008	1250.216	33842.04	12337.77	2023.494
#3	702.5038	1244.929	33936.06	12330.61	2012.492

Sample Name: I5318-07 Acquired: 9/27/2017 16:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE033D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2040134	-.038672	2.679439	-.001363	.0133201	67.82738	2.665464
Stddev	.0032229	.006131	.005126	.001822	.0046528	.36064	.018205
%RSD	1.579759	15.85304	.1913034	133.6029	34.93071	.5316994	.6829812

#1	.2066204	-.031621	2.682810	-.003153	.0181634	68.23849	2.673585
#2	.2004100	-.041654	2.681967	-.001425	.0129123	67.67930	2.678194
#3	.2050099	-.042741	2.673541	.000488	.0088846	67.56436	2.644612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094290	.0242580	431.2177	.1772146	.0914976	1.019791	227.0641
Stddev	.0001942	.0002114	2.9439	.0006125	.0016817	.007384	1.1414
%RSD	2.059750	.8716390	.6826883	.3456450	1.837927	.7240704	.5026597

#1	.0095230	.0240765	428.7470	.1769025	.0931899	1.024392	227.3027
#2	.0095583	.0242074	430.4312	.1768209	.0898267	1.023707	225.8223
#3	.0092056	.0244902	434.4750	.1779203	.0914762	1.011274	228.0673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.063486	198.0948	.4000634	.0095330	2.229520	.2186214	2.520822
Stddev	.028917	1.0128	.0008149	.0005090	.120187	.0021155	.021152
%RSD	.4769061	.5112735	.2036977	5.339736	5.390693	.9676421	.8390720

#1	6.043580	199.1388	.4004210	.0090415	2.090740	.2209675	2.545010
#2	6.050223	197.1164	.4006384	.0094995	2.299094	.2168593	2.505802
#3	6.096656	198.0291	.3991308	.0100579	2.298725	.2180374	2.511652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.66608	17.93028	-.531433	.0199915	13.37799	5.433257	.1312368
Stddev	.09495	.07570	.002399	.0002174	.07536	.011515	.0025386
%RSD	.8139208	.4222003	.4513574	1.087319	.5633439	.2119382	1.934382

#1	11.75280	17.92314	-.532409	.0201577	13.44821	5.443762	.1288503
#2	11.68084	17.85840	-.533190	.0197455	13.29836	5.420945	.1339042
#3	11.56462	18.00930	-.528700	.0200712	13.38739	5.435064	.1309561

Sample Name: I5318-07 Acquired: 9/27/2017 16:54:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE033D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.313785	.0737407	.3766756
Stddev	.006860	.0009657	.0010808
%RSD	.5221292	1.309613	.2869426

#1	1.319188	.0747047	.3776794
#2	1.306068	.0737442	.3768159
#3	1.316100	.0727733	.3755315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	696.1198	1236.115	33587.27	12152.39	2001.952
Stddev	7.2072	5.763	122.41	58.28	1.434
%RSD	1.035333	.4662313	.3644580	.4795861	.0716224

#1	687.8042	1239.783	33446.88	12085.10	2000.376
#2	699.9917	1239.090	33671.64	12185.06	2003.180
#3	700.5634	1229.472	33643.31	12187.00	2002.301

Sample Name: I5318-08 Acquired: 9/27/2017 16:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE033S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2631877	.0719243	2.674460	.0847045	.0620413	68.29267	6.167110
Stddev	.0084589	.0036925	.010801	.0027654	.0022894	.11331	.014799
%RSD	3.214013	5.133929	.4038610	3.264769	3.690139	.1659237	.2399675

#1	.2534928	.0688857	2.674492	.0816369	.0638606	68.34679	6.177852
#2	.2690643	.0708533	2.663643	.0870063	.0594706	68.16245	6.150229
#3	.2670061	.0760340	2.685245	.0854704	.0627927	68.36878	6.173248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881073	.1125990	423.5421	.4958562	1.026564	1.423055	216.1977
Stddev	.0006894	.0004697	1.0130	.0011451	.004374	.002206	.4567
%RSD	.7823996	.4171350	.2391624	.2309439	.4260488	.1550048	.2112609

#1	.0884511	.1121604	423.6555	.4969681	1.023275	1.421858	216.1550
#2	.0873137	.1125421	422.4772	.4946804	1.024888	1.421707	215.7638
#3	.0885571	.1130946	424.4936	.4959200	1.031527	1.425600	216.6743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.754889	195.0238	1.318986	.0142792	2.073800	1.070041	3.185739
Stddev	.018191	.3548	.004126	.0001215	.043837	.005101	.017846
%RSD	.2693057	.1819128	.3127970	.8508973	2.113870	.4766898	.5601776

#1	6.760998	194.7935	1.315338	.0143986	2.051916	1.066002	3.165179
#2	6.734430	194.8455	1.318156	.0142833	2.124271	1.075773	3.194821
#3	6.769240	195.4324	1.323463	.0141557	2.045214	1.068349	3.197218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.22140	17.14612	-.511751	.0194173	12.86595	4.401774	1.229066
Stddev	.00007	.02430	.004934	.0005831	.00704	.016919	.009183
%RSD	.0005951	.1416973	.9641238	3.003151	.0547077	.3843622	.7471904

#1	11.22141	17.16567	-.517067	.0189512	12.87239	4.413509	1.218980
#2	11.22145	17.15377	-.507319	.0200712	12.85843	4.382380	1.231271
#3	11.22132	17.11892	-.510866	.0192296	12.86703	4.409433	1.236945

Sample Name: I5318-08 Acquired: 9/27/2017 16:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE033S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.139873	.0700137	.3648513
Stddev	.002459	.0003634	.0012124
%RSD	.2156845	.5190022	.3323148

#1	1.138238	.0696792	.3654173
#2	1.138680	.0699616	.3634593
#3	1.142700	.0704003	.3656772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	690.1192	1217.100	33255.64	12011.96	1990.181
Stddev	.6094	9.468	84.00	26.09	7.686
%RSD	.0883064	.7779523	.2525835	.2171597	.3861808

#1	690.4905	1206.423	33236.13	11983.00	1981.319
#2	689.4159	1220.397	33183.12	12033.62	1994.212
#3	690.4514	1224.478	33347.68	12019.24	1995.013

Sample Name: I5318-06LX5 Acquired: 9/27/2017 17:02:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE033L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466555	-.006898	.5795371	.0004494	.0029728	14.44830	.5712590
Stddev	.0037619	.001321	.0042271	.0008507	.0008070	.14865	.0067986
%RSD	8.063066	19.15412	.7293913	189.2820	27.14510	1.028832	1.190115

#1	.0438991	-.005509	.5782511	-.000151	.0038434	14.61790	.5782002
#2	.0509411	-.007047	.5761024	.001423	.0022498	14.38633	.5709642
#3	.0451262	-.008139	.5842578	.000076	.0028253	14.34066	.5646125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022459	.0041554	94.73576	.0424151	.0171825	.2187173	53.45703
Stddev	.0001190	.0000398	.85861	.0003394	.0003773	.0041612	.57177
%RSD	5.299313	.9576722	.9063162	.8000955	2.195965	1.902567	1.069579

#1	.0023620	.0041199	95.72629	.0428052	.0171898	.2235183	54.10346
#2	.0022515	.0041478	94.20397	.0422520	.0168017	.2161485	53.25005
#3	.0021242	.0041984	94.27701	.0421880	.0175562	.2164849	53.01758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411800	44.66351	.0814544	.0021132	.5436176	.0495715	.5281681
Stddev	.013746	.46536	.0001356	.0001419	.0123986	.0019358	.0075836
%RSD	.9736419	1.041920	.1664404	6.716317	2.280764	3.904981	1.435829

#1	1.427670	45.16305	.0813300	.0019683	.5420692	.0518016	.5229113
#2	1.404142	44.58521	.0814345	.0022520	.5567176	.0485874	.5368616
#3	1.403590	44.24227	.0815989	.0021194	.5320658	.0483255	.5247314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.432574	3.349945	-.116011	.0046807	2.612381	.9546488	.0260528
Stddev	.047075	.038900	.002401	.0001110	.005252	.0094799	.0016925
%RSD	1.935196	1.161213	2.070011	2.370511	.2010320	.9930223	6.496399

#1	2.486929	3.316268	-.118727	.0045544	2.606998	.9654274	.0280067
#2	2.404890	3.341042	-.115140	.0047253	2.612655	.9509128	.0251141
#3	2.405904	3.392525	-.114167	.0047624	2.617491	.9476061	.0250377

Sample Name: I5318-06LX5 Acquired: 9/27/2017 17:02:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE033L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2869557	.0147703	.0832317
Stddev	.0032934	.0000551	.0009774
%RSD	1.147697	.3728370	1.174261

#1	.2906866	.0147904	.0843082
#2	.2857277	.0147080	.0829869
#3	.2844527	.0148125	.0824001

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	713.6506	1251.954	32887.30	11370.02	2419.135
Stddev	6.7278	8.313	115.41	129.97	8.687
%RSD	.9427350	.6639975	.3509324	1.143055	.3591039

#1	706.9162	1243.888	32763.46	11219.97	2412.544
#2	720.3718	1260.493	32991.85	11442.76	2428.979
#3	713.6639	1251.482	32906.60	11447.33	2415.881

Sample Name: I5317-01 Acquired: 9/27/2017 17:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2351504	-.029799	7.373102	.0136966	.0147517	73.06371	5.959110
Stddev	.0055050	.003010	.026247	.0033414	.0023894	.16838	.006018
%RSD	2.341036	10.09983	.3559848	24.39605	16.19750	.2304572	.1009924

#1	.2387259	-.033274	7.370675	.0172706	.0151290	73.24634	5.965481
#2	.2288111	-.028020	7.348153	.0131688	.0121960	73.03017	5.953520
#3	.2379143	-.028103	7.400478	.0106505	.0169299	72.91463	5.958329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097267	.0318843	152.9581	.4767288	.0895349	2.041704	204.0772
Stddev	.0001160	.0001113	.4078	.0013173	.0005618	.004663	.3427
%RSD	1.193011	.3492132	.2666101	.2763170	.6275055	.2283890	.1679112

#1	.0098241	.0319391	152.8746	.4771980	.0889381	2.045427	204.4654
#2	.0095983	.0317562	152.5986	.4777473	.0896131	2.043211	203.8169
#3	.0097577	.0319576	153.4013	.4752412	.0900535	2.036474	203.9491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.734446	51.13538	.3709770	.0127217	2.025250	.2893014	8.511449
Stddev	.008804	.18629	.0015630	.0001897	.046128	.0040557	.055678
%RSD	.1535362	.3643170	.4213207	1.491297	2.277661	1.401902	.6541575

#1	5.744197	51.21291	.3698825	.0129334	2.070742	.2851799	8.497958
#2	5.727080	51.27038	.3702814	.0126648	2.026499	.2932880	8.572633
#3	5.732061	50.92283	.3727670	.0125670	1.978510	.2894362	8.463756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.524762	22.10766	-.474400	.0258303	12.14470	3.366430	.2607915
Stddev	.063402	.04357	.001303	.0004756	.02950	.003348	.0021227
%RSD	.6656539	.1970991	.2746252	1.841154	.2429393	.0994637	.8139302

#1	9.581329	22.15139	-.475505	.0256171	12.17868	3.363245	.2610619
#2	9.536728	22.10737	-.472964	.0263752	12.12562	3.366126	.2627659
#3	9.456230	22.06424	-.474732	.0254987	12.12978	3.369921	.2585465

Sample Name: I5317-01 Acquired: 9/27/2017 17:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9529191	.0578295	.3553943
Stddev	.0040766	.0002156	.0003078
%RSD	.4278006	.3727311	.0866206

#1	.9559267	.0579302	.3557444
#2	.9482793	.0579764	.3551661
#3	.9545513	.0575821	.3552724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	718.3805	1287.633	34790.87	12291.04	2237.979
Stddev	6.7788	6.294	145.60	60.58	10.157
%RSD	.9436234	.4887736	.4185071	.4929190	.4538447

#1	715.8980	1280.934	34797.06	12222.46	2226.462
#2	713.1929	1288.544	34642.27	12313.40	2245.657
#3	726.0506	1293.422	34933.28	12337.28	2241.819

Sample Name: I5317-02 Acquired: 9/27/2017 17:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4322814	-.050877	6.749574	.0027360	.0162102	67.85928	5.111462
Stddev	.0017227	.003494	.004846	.0032313	.0014762	.16782	.008561
%RSD	.3985207	6.868140	.0718024	118.1003	9.106904	.2473037	.1674912

#1	.4305383	-.051152	6.744815	.0026153	.0152926	67.95613	5.121007
#2	.4339830	-.047254	6.754503	-.000433	.0154250	67.66550	5.108919
#3	.4323229	-.054226	6.749403	.006026	.0179131	67.95621	5.104461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137704	.0416658	225.2478	.3824384	.1209487	2.396999	361.1594
Stddev	.0000465	.0001974	.8390	.0005309	.0009572	.011273	.9318
%RSD	.3379059	.4737610	.3725008	.1388224	.7914047	.4702860	.2580048

#1	.0137317	.0415318	224.3401	.3828967	.1199933	2.409937	360.1093
#2	.0137574	.0415731	225.9950	.3818566	.1209452	2.389293	361.4813
#3	.0138220	.0418925	225.4082	.3825618	.1219077	2.391767	361.8876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.286720	93.11845	.4930728	.0168097	2.947452	.3822444	7.648800
Stddev	.014733	.41283	.0017400	.0005376	.098446	.0006105	.026242
%RSD	.2786826	.4433404	.3528986	3.198325	3.340029	.1597241	.3430874

#1	5.269708	92.76320	.4911972	.0163661	3.060809	.3815982	7.634161
#2	5.295127	93.02079	.4946345	.0166553	2.898135	.3823235	7.679096
#3	5.295326	93.57135	.4933867	.0174076	2.883412	.3828116	7.633143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.659352	23.47708	-.967127	.0505747	18.12477	2.746279	.3907008
Stddev	.081624	.15253	.004776	.0007239	.09879	.007829	.0035553
%RSD	.8450302	.6497079	.4938444	1.431420	.5450599	.2850659	.9099700

#1	9.746187	23.30403	-.970338	.0497495	18.01441	2.748694	.3873598
#2	9.584196	23.53522	-.961638	.0508719	18.15496	2.737528	.3944372
#3	9.647674	23.59200	-.969404	.0511028	18.20494	2.752617	.3903053

Sample Name: I5317-02 Acquired: 9/27/2017 17:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.330590	.0514711	.3984309
Stddev	.003168	.0002781	.0006322
%RSD	.2380616	.5402917	.1586637

#1	1.332613	.0517879	.3991577
#2	1.326940	.0512669	.3981255
#3	1.332218	.0513586	.3980093

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	723.6990	1269.598	34024.19	12101.14	2118.726
Stddev	2.5753	.666	39.05	25.33	1.635
%RSD	.3558567	.0524751	.1147787	.2093038	.0771623

#1	721.0344	1268.850	34006.20	12096.79	2117.865
#2	723.8878	1269.813	33997.37	12128.36	2120.612
#3	726.1747	1270.129	34068.99	12078.27	2117.702

Sample Name: I5317-03 Acquired: 9/27/2017 17:14:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3957263	-.073069	2.833577	.0031766	.0167485	61.30277	2.882721
Stddev	.0067351	.002701	.008590	.0007295	.0018530	.18541	.013097
%RSD	1.701972	3.696381	.3031424	22.96411	11.06358	.3024442	.4543355

#1	.3882794	-.074190	2.823773	.0028047	.0177664	61.43963	2.893659
#2	.3975080	-.075029	2.837179	.0027080	.0146097	61.37692	2.886296
#3	.4013915	-.069988	2.839779	.0040171	.0178694	61.09176	2.868207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142834	.0326701	107.8310	.2099692	.1553676	1.308266	471.2742
Stddev	.0002756	.0001676	.6622	.0016723	.0012983	.007209	1.1918
%RSD	1.929549	.5129950	.6141101	.7964338	.8356312	.5510342	.2528988

#1	.0140620	.0325704	107.1173	.2081304	.1543732	1.311418	470.1583
#2	.0145921	.0325763	107.9500	.2113991	.1548932	1.313361	471.1347
#3	.0141960	.0328636	108.4256	.2103780	.1568364	1.300017	472.5297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.339354	36.73653	.4192439	.0174120	2.920824	.3451054	3.426836
Stddev	.023666	.03704	.0019592	.0002642	.061004	.0041286	.025571
%RSD	.4432342	.1008239	.4673079	1.517447	2.088605	1.196340	.7461995

#1	5.321150	36.72510	.4170070	.0175325	2.936062	.3470607	3.433750
#2	5.330807	36.77793	.4200701	.0171090	2.853645	.3403624	3.398519
#3	5.366106	36.70654	.4206546	.0175944	2.972765	.3478932	3.448239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38881	16.71219	-1.31273	.0806942	16.23440	3.206743	.1804308
Stddev	.06399	.15557	.00472	.0007891	.09212	.012772	.0026129
%RSD	.6159094	.9308527	.3595293	.9778994	.5674131	.3982718	1.448169

#1	10.45444	16.55771	-1.31793	.0805545	16.17572	3.217942	.1801142
#2	10.38539	16.71004	-1.30873	.0815438	16.18691	3.209454	.1779906
#3	10.32660	16.86882	-1.31151	.0799842	16.34057	3.192834	.1831876

Sample Name: I5317-03 Acquired: 9/27/2017 17:14:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.586114	.0426693	.2897533
Stddev	.001384	.0005425	.0008055
%RSD	.0872310	1.271344	.2779980

#1	1.586025	.0431974	.2904942
#2	1.584778	.0426970	.2898698
#3	1.587541	.0421135	.2888959

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	735.4958	1303.283	35120.52	12388.79	2234.404
Stddev	2.4753	3.452	140.43	42.81	3.654
%RSD	.3365517	.2648816	.3998409	.3455177	.1635182

#1	733.5645	1305.639	34958.45	12339.36	2237.207
#2	738.2862	1299.320	35206.07	12413.21	2235.733
#3	734.6367	1304.889	35197.02	12413.80	2230.272

Sample Name: I5317-04 Acquired: 9/27/2017 17:18:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2591748	-.060252	2.777958	-.002584	.0134064	76.52325	5.561035
Stddev	.0023234	.002475	.008570	.002051	.0005135	.33907	.033705
%RSD	.8964468	4.107769	.3084990	79.35226	3.830178	.4430897	.6060966

#1	.2589865	-.059001	2.775286	-.004306	.0134120	76.16404	5.578991
#2	.2615866	-.063102	2.771043	-.003132	.0128901	76.56797	5.581961
#3	.2569514	-.058651	2.787546	-.000315	.0139171	76.83773	5.522154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130630	.0313758	205.1209	.2598312	.1446532	1.325689	362.4404
Stddev	.0002316	.0002981	1.1667	.0007333	.0002849	.004857	1.4510
%RSD	1.772881	.9501177	.5687626	.2822314	.1969216	.3663957	.4003543

#1	.0129208	.0310731	204.5659	.2606779	.1443361	1.320080	361.0640
#2	.0133303	.0313852	204.3353	.2593977	.1448875	1.328461	362.3010
#3	.0129381	.0316691	206.4614	.2594180	.1447360	1.328525	363.9561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46084	43.49026	.4161001	.0150513	2.398430	.2994688	5.258226
Stddev	.04299	.27258	.0030026	.0000661	.035709	.0043418	.024387
%RSD	.4109519	.6267703	.7216043	.4392605	1.488838	1.449846	.4637921

#1	10.44771	43.19702	.4134447	.0149940	2.438636	.2945055	5.235074
#2	10.42595	43.53785	.4154972	.0150363	2.386245	.3025636	5.255921
#3	10.50887	43.73592	.4193584	.0151236	2.370408	.3013374	5.283685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03332	15.88411	-1.00092	.0460338	16.02908	3.600184	.1801251
Stddev	.05851	.11034	.00732	.0003388	.07573	.014778	.0012101
%RSD	.5303383	.6946551	.7309818	.7360326	.4724778	.4104852	.6718143

#1	10.96583	15.93298	-.99247	.0459972	16.05197	3.584045	.1809763
#2	11.06430	15.75777	-1.00522	.0457148	15.94454	3.603452	.1806592
#3	11.06982	15.96157	-1.00507	.0463895	16.09072	3.613055	.1787399

Sample Name: I5317-04 Acquired: 9/27/2017 17:18:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE026 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9769855	.0619590	.2851901
Stddev	.0065145	.0002369	.0006798
%RSD	.6667981	.3823948	.2383675

#1	.9700265	.0616893	.2847325
#2	.9779915	.0620540	.2848666
#3	.9829385	.0621337	.2859713

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	793.2988	1396.797	37281.68	13186.86	2171.661
Stddev	2.8609	3.066	94.07	17.87	3.169
%RSD	.3606331	.2194728	.2523139	.1355408	.1459421

#1	796.5505	1394.811	37174.20	13207.49	2168.049
#2	791.1686	1395.254	37321.85	13176.42	2172.956
#3	792.1772	1400.328	37349.00	13176.65	2173.978

Sample Name: I5317-05 Acquired: 9/27/2017 17:22:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1288526	-.082350	1.209804	-.013120	.0099652	82.59233	2.032869
Stddev	.0103209	.003250	.006085	.005690	.0006689	.20224	.005612
%RSD	8.009870	3.946576	.5029609	43.36935	6.711997	.2448705	.2760760

#1	.1254653	-.083021	1.202828	-.019201	.0100043	82.58536	2.037075
#2	.1404415	-.085212	1.214015	-.007924	.0106137	82.79797	2.035036
#3	.1206510	-.078817	1.212569	-.012237	.0092776	82.39366	2.026496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105800	.0336760	543.2729	.1958689	.1168460	.6886615	402.2280
Stddev	.0001673	.0002272	1.9416	.0014854	.0009310	.0006994	1.5993
%RSD	1.581209	.6747359	.3573912	.7583433	.7967371	.1015550	.3976067

#1	.0107057	.0339066	541.5036	.1974516	.1158255	.6890423	400.8583
#2	.0103901	.0336691	545.3501	.1945052	.1176487	.6878543	403.9855
#3	.0106442	.0334523	542.9651	.1956500	.1170639	.6890878	401.8402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.61684	76.13802	.3142321	.0144122	2.557273	.2341561	2.501034
Stddev	.04671	.27886	.0020870	.0002356	.037216	.0032032	.010091
%RSD	.3430120	.3662564	.6641549	1.634981	1.455283	1.367963	.4034629

#1	13.57447	76.09231	.3146740	.0142227	2.538849	.2353318	2.491895
#2	13.66692	76.43692	.3119595	.0146760	2.532863	.2305311	2.511863
#3	13.60912	75.88484	.3160627	.0143380	2.600106	.2366052	2.499345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.24366	13.36624	-1.14963	.0290989	10.15443	4.287283	.0747300
Stddev	.05661	.02172	.00282	.0002318	.02828	.007443	.0014272
%RSD	.5035059	.1624727	.2453694	.7964889	.2785061	.1736127	1.909790

#1	11.29609	13.38574	-1.15145	.0289299	10.16794	4.288613	.0732160
#2	11.25126	13.34284	-1.15106	.0293631	10.12192	4.293972	.0760506
#3	11.18363	13.37013	-1.14638	.0290037	10.17342	4.279265	.0749233

Sample Name: I5317-05 Acquired: 9/27/2017 17:22:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE027 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8044063	.0813908	.2680698
Stddev	.0022315	.0005437	.0006763
%RSD	.2774045	.6680163	.2522905

#1	.8019526	.0818888	.2686142
#2	.8049519	.0814728	.2682826
#3	.8063143	.0808107	.2673127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	776.1154	1382.675	36434.56	13154.41	2016.590
Stddev	2.5578	8.191	81.31	68.46	4.964
%RSD	.3295689	.5923671	.2231659	.5204473	.2461589

#1	773.6433	1374.579	36396.02	13107.33	2012.913
#2	775.9519	1382.488	36379.68	13122.96	2014.620
#3	778.7511	1390.957	36527.97	13232.95	2022.236

Sample Name: I5317-06 Acquired: 9/27/2017 17:26:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028045	-.036302	2.224101	-.007197	.0097315	63.48687	1.459373
Stddev	.0067227	.005535	.002403	.002399	.0015035	.17520	.002147
%RSD	6.539316	15.24590	.1080297	33.33147	15.44938	.2759657	.1471058

#1	.0995570	-.032544	2.222048	-.005659	.0080420	63.28777	1.457273
#2	.1105344	-.033705	2.226744	-.009961	.0102305	63.55535	1.459283
#3	.0983220	-.042658	2.223511	-.005971	.0109220	63.61749	1.461564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074503	.0214146	498.2723	.1461566	.0824736	.6725321	191.8009
Stddev	.0000211	.0004770	1.7175	.0008054	.0001484	.0012369	.3783
%RSD	.2836949	2.227383	.3446999	.5510373	.1799690	.1839198	.1972267

#1	.0074732	.0209111	499.1484	.1456290	.0825457	.6724120	191.5272
#2	.0074316	.0218597	499.3752	.1470837	.0823029	.6713596	192.2326
#3	.0074461	.0214731	496.2934	.1457573	.0825722	.6738247	191.6429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.147232	224.4817	.2873695	.0079374	1.752910	.1797939	2.138819
Stddev	.018554	.5978	.0011688	.0000389	.032756	.0017345	.007596
%RSD	.2277283	.2662835	.4067127	.4896772	1.868646	.9647302	.3551347

#1	8.154474	223.7963	.2885065	.0078944	1.755653	.1810177	2.130238
#2	8.161071	224.8949	.2874306	.0079702	1.784208	.1778089	2.144683
#3	8.126149	224.7538	.2861713	.0079475	1.718870	.1805550	2.141535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.204675	14.89319	-.472800	.0103227	11.13606	6.292918	.1084865
Stddev	.036780	.11724	.001275	.0000610	.03432	.021813	.0034005
%RSD	.4482798	.7872025	.2695754	.5908885	.3082257	.3466271	3.134524

#1	8.166829	14.75783	-.473985	.0103926	11.09802	6.304223	.1077864
#2	8.206908	14.95913	-.472963	.0102800	11.16471	6.267774	.1121825
#3	8.240287	14.96262	-.471452	.0102956	11.14544	6.306759	.1054904

Sample Name: I5317-06 Acquired: 9/27/2017 17:26:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE038 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.058671	.0667055	.2650172
Stddev	.002416	.0005267	.0003439
%RSD	.2281746	.7895735	.1297853

#1	1.055888	.0660976	.2648150
#2	1.059900	.0670222	.2648223
#3	1.060225	.0669968	.2654144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.7725	1300.236	34388.32	12342.72	2002.667
Stddev	6.7980	5.098	123.34	32.63	2.339
%RSD	.9201802	.3920567	.3586632	.2643284	.1167880

#1	741.6442	1302.198	34410.03	12351.02	2000.530
#2	731.0098	1304.061	34255.56	12306.75	2005.166
#3	743.6634	1294.449	34499.36	12370.39	2002.305

Sample Name: I5317-07 Acquired: 9/27/2017 17:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2091289	-.041648	4.939403	-.002588	.0125989	66.02717	2.337369
Stddev	.0040017	.004270	.016434	.001113	.0019664	.27092	.010654
%RSD	1.913503	10.25309	.3327107	43.00615	15.60764	.4103137	.4557901

#1	.2126415	-.037322	4.936713	-.001679	.0103705	66.33299	2.349595
#2	.2099726	-.041761	4.924481	-.002256	.0133361	65.81723	2.332430
#3	.2047727	-.045861	4.957016	-.003829	.0140902	65.93130	2.330081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102620	.0278545	546.1540	.1750046	.0919638	1.162620	230.4919
Stddev	.0000919	.0002854	1.4636	.0020214	.0003411	.009936	.6244
%RSD	.8957115	1.024487	.2679786	1.155072	.3708839	.8546561	.2708994

#1	.0102586	.0280853	547.5805	.1754960	.0922677	1.171501	231.2068
#2	.0103555	.0275354	546.2256	.1727828	.0915949	1.151888	230.0535
#3	.0101718	.0279428	544.6560	.1767350	.0920290	1.164469	230.2153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.203816	180.5155	.3007506	.0106266	2.402211	.2193267	4.160569
Stddev	.018091	.6772	.0008105	.0002945	.029153	.0009716	.072106
%RSD	.2511273	.3751635	.2694866	2.771612	1.213581	.4430011	1.733073

#1	7.219278	181.2099	.2999805	.0109520	2.394859	.2193985	4.091642
#2	7.208250	179.8569	.3006749	.0105497	2.377437	.2202605	4.235480
#3	7.183921	180.4797	.3015962	.0103782	2.434336	.2183212	4.154585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.07373	13.11965	-.584287	.0123112	9.695658	2.874462	.2934623
Stddev	.07086	.07057	.002479	.0001415	.042578	.022579	.0036351
%RSD	.6398882	.5378979	.4242181	1.149378	.4391486	.7855076	1.238686

#1	11.15552	13.18104	-.586976	.0124731	9.700984	2.899186	.2907280
#2	11.03084	13.04255	-.583789	.0122110	9.650667	2.854933	.2920715
#3	11.03484	13.13537	-.582094	.0122494	9.735323	2.869266	.2975874

Sample Name: I5317-07 Acquired: 9/27/2017 17:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE039 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.039238	.0646353	.4269038
Stddev	.004833	.0003201	.0017380
%RSD	.4650885	.4952563	.4071111

#1	1.043737	.0649783	.4288547
#2	1.034128	.0643444	.4255206
#3	1.039849	.0645834	.4263362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	713.8243	1274.446	33603.69	12148.15	2001.507
Stddev	7.6915	7.220	117.27	62.50	7.866
%RSD	1.077512	.5665232	.3489718	.5144579	.3930075

#1	721.1667	1267.042	33681.11	12076.08	1992.428
#2	705.8257	1274.830	33468.77	12181.11	2005.817
#3	714.4807	1281.467	33661.17	12187.28	2006.275

Sample Name: I5317-11 Acquired: 9/27/2017 17:34:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2513773	-.051049	2.831569	-.010647	.0139899	63.31391	1.838252
Stddev	.0083522	.003660	.003789	.000792	.0021303	.05482	.001706
%RSD	3.322588	7.170004	.1338115	7.442662	15.22732	.0865774	.0927947

#1	.2489600	-.051386	2.829354	-.011182	.0136585	63.36031	1.839791
#2	.2606715	-.047232	2.835944	-.011023	.0162665	63.32800	1.836418
#3	.2445003	-.054529	2.829408	-.009737	.0120448	63.25343	1.838546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114279	.0286717	476.9620	.2974884	.1111094	2.796602	294.3693
Stddev	.0001270	.0003709	1.8460	.0013857	.0010291	.004155	1.0201
%RSD	1.111116	1.293482	.3870293	.4658124	.9262135	.1485744	.3465358

#1	.0115745	.0288939	474.8818	.2977764	.1102164	2.799562	294.0798
#2	.0113548	.0282435	477.5991	.2959813	.1108769	2.798391	295.5028
#3	.0113544	.0288775	478.4049	.2987075	.1122348	2.791852	293.5252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.359432	89.58000	.3584620	.0114632	2.542293	.2136637	4.806390
Stddev	.029812	.35950	.0019735	.0007140	.020705	.0014308	.055748
%RSD	.4050923	.4013198	.5505452	6.228868	.8144393	.6696371	1.159880

#1	7.325415	89.43269	.3594449	.0121358	2.565206	.2152543	4.742168
#2	7.371868	89.98976	.3597510	.0107140	2.524925	.2124816	4.834694
#3	7.381014	89.31755	.3561900	.0115397	2.536748	.2132551	4.842309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.649300	10.76708	-.777053	.0220208	8.960459	4.681467	.1928792
Stddev	.025916	.06773	.001898	.0008762	.053645	.008877	.0031490
%RSD	.2685781	.6290417	.2442149	3.979158	.5986846	.1896280	1.632646

#1	9.662839	10.84236	-.776665	.0221129	9.011520	4.686580	.1893848
#2	9.665641	10.71108	-.779115	.0211022	8.904558	4.686605	.1937556
#3	9.619418	10.74781	-.775380	.0228474	8.965299	4.671216	.1954972

Sample Name: I5317-11 Acquired: 9/27/2017 17:34:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.390621	.0571575	.4789140
Stddev	.002136	.0001197	.0003941
%RSD	.1535749	.2093988	.0822922

#1	1.390257	.0572707	.4786359
#2	1.388691	.0570323	.4793650
#3	1.392916	.0571695	.4787412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	748.0458	1325.552	34999.17	12539.40	2093.047
Stddev	2.8662	3.823	63.03	48.99	5.311
%RSD	.3831630	.2884065	.1800808	.3907150	.2537630

#1	749.9825	1325.429	35069.54	12537.33	2087.462
#2	744.7532	1321.792	34947.91	12491.48	2093.647
#3	749.4016	1329.435	34980.05	12589.40	2098.034

Sample Name: I5317-12 Acquired: 9/27/2017 17:39:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2503056	-.054936	2.642416	-.003854	.0146100	68.50586	2.313493
Stddev	.0094494	.002288	.003056	.001865	.0000618	.13564	.004364
%RSD	3.775145	4.165131	.1156637	48.37900	.4231861	.1979951	.1886413

#1	.2422970	-.053592	2.639404	-.005757	.0146504	68.45373	2.318176
#2	.2607276	-.057578	2.645515	-.003775	.0145389	68.40402	2.309540
#3	.2478921	-.053639	2.642329	-.002030	.0146409	68.65983	2.312764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107074	.0276813	628.7349	.3751123	.1160905	1.918930	298.8270
Stddev	.0000215	.0002251	3.4944	.0012040	.0008417	.008284	1.4342
%RSD	.2012526	.8131023	.5557853	.3209773	.7250631	.4316869	.4799446

#1	.0107097	.0276093	625.2452	.3758127	.1169873	1.913946	297.1716
#2	.0107277	.0275010	632.2340	.3758022	.1153175	1.914352	299.6136
#3	.0106848	.0279336	628.7256	.3737220	.1159668	1.928492	299.6958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14855	116.2030	.3447801	.0131735	2.500019	.2219973	3.777299
Stddev	.05505	.4606	.0005125	.0005664	.136653	.0016306	.004221
%RSD	.5424704	.3963759	.1486390	4.299745	5.466087	.7344965	.1117537

#1	10.08898	115.7238	.3444800	.0126620	2.600184	.2203122	3.772427
#2	10.19756	116.2428	.3453718	.0130761	2.555528	.2235671	3.779603
#3	10.15912	116.6424	.3444884	.0137823	2.344346	.2221127	3.779866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62517	14.68992	-.808723	.0201764	9.001258	3.999335	.3730876
Stddev	.02411	.01583	.002236	.0003411	.006920	.021319	.0048603
%RSD	.2269380	.1077346	.2764615	1.690385	.0768777	.5330643	1.302721

#1	10.63227	14.69384	-.807147	.0202226	8.993597	3.974940	.3682548
#2	10.59830	14.70342	-.811282	.0198146	9.003120	4.008675	.3779749
#3	10.64493	14.67250	-.807740	.0204920	9.007056	4.014389	.3730331

Sample Name: I5317-12 Acquired: 9/27/2017 17:39:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9950579	.0681033	.5191267
Stddev	.0036163	.0002339	.0007325
%RSD	.3634298	.3434973	.1411029

#1	.9909874	.0682297	.5190027
#2	.9979000	.0678334	.5184641
#3	.9962864	.0682469	.5199133

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	742.5252	1313.627	34701.74	12369.52	1996.483
Stddev	5.4055	7.448	125.76	24.77	8.941
%RSD	.7279927	.5669788	.3623964	.2002160	.4478623

#1	736.2879	1308.326	34562.78	12388.83	1988.690
#2	745.4394	1310.413	34734.70	12341.60	1994.514
#3	745.8483	1322.142	34807.74	12378.12	2006.245

Sample Name: I5317-13 Acquired: 9/27/2017 17:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368886	-.026962	7.768122	.0048900	.0769495	56.07325	3.156045
Stddev	.0053232	.004718	.395850	.0050073	.0041620	.37984	.023179
%RSD	3.888742	17.49763	5.095824	102.3976	5.408729	.6773957	.7344344

#1	.1421412	-.029037	8.218368	.0041731	.0810075	55.64604	3.131889
#2	.1314974	-.021562	7.474764	.0002799	.0726908	56.37286	3.178104
#3	.1370271	-.030286	7.611235	.0102172	.0771503	56.20085	3.158144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063432	.0255067	423.3496	.3561621	.0622414	1.069470	157.1044
Stddev	.0001624	.0015437	4.5054	.0196254	.0034940	.006968	1.4237
%RSD	2.560768	6.051979	1.064219	5.510247	5.613657	.6515385	.9061978

#1	.0064847	.0272522	418.2620	.3781994	.0661661	1.063919	155.5014
#2	.0063790	.0243214	424.9526	.3497177	.0594692	1.077289	157.5902
#3	.0061658	.0249463	426.8343	.3405692	.0610889	1.067201	158.2216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.027344	161.2794	.2375496	.0089507	1.757460	.1834942	5.298129
Stddev	.039628	1.2522	.0109942	.0002631	.055285	.0045464	.199124
%RSD	.9839701	.7764000	4.628186	2.939725	3.145723	2.477662	3.758379

#1	3.981594	159.8342	.2501127	.0092300	1.735222	.1787341	5.525774
#2	4.050957	161.9626	.2296871	.0089147	1.716758	.1839572	5.212302
#3	4.049482	162.0414	.2328491	.0087074	1.820401	.1877914	5.156312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.077485	18.22694	-.349491	.0093845	12.29551	4.974115	.1308874
Stddev	.102288	.93765	.004961	.0004142	.63459	.023842	.0083732
%RSD	1.126829	5.144334	1.419506	4.413557	5.161173	.4793229	6.397272

#1	8.971662	19.29910	-.352897	.0098560	13.01799	4.999944	.1405285
#2	9.175826	17.56027	-.351778	.0092180	11.82830	4.969452	.1254368
#3	9.084969	17.82144	-.343799	.0090794	12.04024	4.952949	.1266967

Sample Name: I5317-13 Acquired: 9/27/2017 17:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8685222	.0580090	.4251948
Stddev	.0082036	.0004458	.0028074
%RSD	.9445413	.7685639	.6602570

#1	.8590613	.0577178	.4220784
#2	.8736612	.0585222	.4275261
#3	.8728440	.0577868	.4259798

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	733.7535	1279.633	34415.53	11833.31	2086.284
Stddev	31.5770	54.305	1471.03	62.26	97.266
%RSD	4.303491	4.243829	4.274314	.5261723	4.662160

#1	698.1599	1217.126	32773.02	11894.81	1975.160
#2	744.6999	1315.213	34861.92	11770.31	2155.957
#3	758.4008	1306.561	35611.66	11834.81	2127.736

Sample Name: I5317-14 Acquired: 9/27/2017 17:47:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2268435	-.035875	11.14915	.0055247	.0764704	74.91545	4.212867
Stddev	.0089131	.005228	.03645	.0025129	.0023895	.23707	.020538
%RSD	3.929182	14.57155	.3269485	45.48493	3.124698	.3164557	.4874979

#1	.2201475	-.039164	11.14317	.0060318	.0759810	75.09505	4.236575
#2	.2234227	-.038615	11.11606	.0027969	.0743636	74.64674	4.200496
#3	.2369602	-.029847	11.18822	.0077455	.0790667	75.00458	4.201532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085862	.0363471	329.5417	.5319881	.0848548	1.552561	214.4302
Stddev	.0001979	.0004292	.5237	.0020248	.0001360	.007546	1.3312
%RSD	2.304607	1.180808	.1589106	.3806160	.1602488	.4860216	.6208240

#1	.0084410	.0359092	329.5931	.5312313	.0848758	1.560035	213.9875
#2	.0085059	.0363651	328.9942	.5304506	.0847096	1.544946	213.3767
#3	.0088116	.0367670	330.0378	.5342823	.0849791	1.552704	215.9264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.052052	90.81253	.3138405	.0132299	1.880816	.2323586	7.408107
Stddev	.005649	.34416	.0013692	.0000954	.079928	.0016059	.042210
%RSD	.1118099	.3789742	.4362629	.7213297	4.249625	.6911168	.5697823

#1	5.049418	90.80492	.3132069	.0132950	1.944373	.2309473	7.371724
#2	5.048202	90.47224	.3129029	.0131203	1.791082	.2320228	7.454386
#3	5.058537	91.16043	.3154117	.0132743	1.906992	.2341059	7.398211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83296	23.40775	-.521675	.0110880	14.31492	2.588546	.2639531
Stddev	.05832	.04771	.003564	.0003671	.03731	.017178	.0021155
%RSD	.4928693	.2038370	.6832339	3.310914	.2606349	.6636165	.8014881

#1	11.89522	23.38703	-.521885	.0109255	14.29435	2.584595	.2663949
#2	11.77960	23.37390	-.518011	.0115083	14.29242	2.573688	.2627939
#3	11.82407	23.46232	-.525130	.0108302	14.35799	2.607356	.2626705

Sample Name: I5317-14 Acquired: 9/27/2017 17:47:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7390072	.0718972	.4664093
Stddev	.0032056	.0004138	.0022782
%RSD	.4337647	.5754741	.4884526

#1	.7379884	.0723348	.4681691
#2	.7364348	.0718445	.4638361
#3	.7425983	.0715124	.4672228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	748.8034	1338.447	35409.81	12483.23	2145.963
Stddev	3.1360	3.642	100.03	40.88	4.415
%RSD	.4187980	.2720707	.2824956	.3275109	.2057195

#1	749.7482	1336.973	35375.90	12453.06	2144.224
#2	745.3037	1342.594	35331.15	12529.76	2150.982
#3	751.3584	1335.773	35522.39	12466.88	2142.682

Sample Name: PB102593BS Acquired: 9/27/2017 17:51:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0206347	.0575245	.0212407	.0655265	.1117511	.3794759
Stddev	.0030529	.0027189	.0025792	.0016342	.0018489	.0069548
%RSD	14.79480	4.726471	12.14269	2.493877	1.654483	1.832746

#1	.0231743	.0595358	.0242180	.0668162	.1138800	.3850406
#2	.0172476	.0586064	.0198154	.0660744	.1108257	.3817081
#3	.0214822	.0544312	.0196886	.0636888	.1105477	.3716791

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3121154	.0115221	.0108687	10.03302	.0225238	.0945995
Stddev	.0064652	.0002163	.0003615	.20297	.0010686	.0011593
%RSD	2.071398	1.877020	3.326414	2.022979	4.744253	1.225499

#1	.3134697	.0115617	.0110626	10.03063	.0237195	.0958772
#2	.3177962	.0117158	.0104515	10.23716	.0216620	.0943064
#3	.3050804	.0112887	.0110918	9.83125	.0221899	.0936148

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498477	.2442180	.0328003	10.31576	.0780043	.0190940
Stddev	.0015571	.0072616	.0007563	.26021	.0005216	.0010829
%RSD	3.123685	2.973409	2.305894	2.522498	.6686499	5.671210

#1	.0494685	.2411683	.0335446	10.30160	.0784542	.0203275
#2	.0515594	.2525071	.0328237	10.58276	.0774326	.0186546
#3	.0485152	.2389786	.0320325	10.06291	.0781262	.0182998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.714668	.1057753	.1018242	9.325907	F .0297567	F .0225867
Stddev	.272248	.0022158	.0070707	.226124	.0002011	.0020782
%RSD	2.802443	2.094811	6.944041	2.424685	.6757159	9.200939

#1	9.647125	.1045176	.1088096	9.347917	.0299728	.0229170
#2	10.01433	.1083338	.1019918	9.540220	.0297221	.0244800
#3	9.48255	.1044746	.0946711	9.089582	.0295752	.0203632

Sample Name: PB102593BS Acquired: 9/27/2017 17:51:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0212401	.1598442	.2044017	F .0124698	.2052994	.0490252
Stddev	.0000261	.0065554	.0059454	.0006914	.0036636	.0012371
%RSD	.1231308	4.101109	2.908664	5.544577	1.784529	2.523459

#1	.0212118	.1617643	.2079174	.0117367	.2065405	.0494154
#2	.0212453	.1525432	.2077505	.0125624	.2081812	.0500202
#3	.0212633	.1652252	.1975373	.0131102	.2011764	.0476400

Elem	Sr4077
Units	ppm
Avg	.1185167
Stddev	.0028397
%RSD	2.395994

#1	.1190534
#2	.1210497
#3	.1154470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	743.4559	1329.580	33116.28	11002.32	2686.520
Stddev	38.6178	17.915	1758.40	242.97	37.079
%RSD	5.194358	1.347448	5.309784	2.208371	1.380176

#1	699.0812	1309.455	31095.33	10964.27	2644.001
#2	761.8355	1335.497	33957.04	10780.61	2703.435
#3	769.4508	1343.789	34296.48	11262.07	2712.126

Sample Name: CCV082 Acquired: 9/27/2017 18:00:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886340	4.696729	24.33649	4.757779	4.831905	392.0523
Stddev	.016538	.031194	.06565	.031455	.012515	4.9829
%RSD	.3384582	.6641564	.2697418	.6611381	.2589981	1.270982

#1	4.868574	4.675164	24.28166	4.721576	4.817464	397.0973
#2	4.901289	4.682527	24.31857	4.773346	4.838657	391.9258
#3	4.889157	4.732496	24.40923	4.778416	4.839593	387.1338

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00683	.5241815	2.525817	409.0207	15.51337	2.487760
Stddev	.05821	.0040506	.010160	1.2334	.05113	.006337
%RSD	.5816742	.7727476	.4022634	.3015548	.3295575	.2547207

#1	10.05060	.5265713	2.519351	410.4429	15.51853	2.480567
#2	9.94077	.5195047	2.520571	408.3756	15.45986	2.490194
#3	10.02912	.5264686	2.537528	408.2436	15.56171	2.492520

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13330	407.5648	15.05278	408.3164	2.449099	1.309726
Stddev	.03245	.2599	.02761	.7290	.003994	.004151
%RSD	.2144438	.0637625	.1834427	.1785333	.1630849	.3169173

#1	15.15835	407.6454	15.07793	408.1004	2.445411	1.307983
#2	15.14491	407.7748	15.05719	409.1289	2.448544	1.314464
#3	15.09664	407.2742	15.02323	407.7198	2.453342	1.306730

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.5921	2.507805	14.39010	152.3108	F 1.943220	F 4.296778
Stddev	.1369	.011154	.10065	.3809	.005861	.032788
%RSD	.0343584	.4447596	.6994052	.2500930	.3016263	.7630773

#1	398.5415	2.495066	14.34240	152.6888	1.948670	4.314496
#2	398.7471	2.512532	14.50573	152.3166	1.937020	4.258943
#3	398.4876	2.515817	14.32217	151.9270	1.943970	4.316895

Sample Name: CCV082 Acquired: 9/27/2017 18:00:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.790820	5.044238	5.152913	4.911077	5.035818	3.563710
Stddev	.019468	.015410	.016960	.016985	.005164	.007796
%RSD	.4063608	.3054904	.3291376	.3458600	.1025474	.2187479

#1	4.774758	5.041461	5.167813	4.899455	5.041484	3.562473
#2	4.785231	5.030406	5.134456	4.903205	5.034596	3.572050
#3	4.812472	5.060847	5.156468	4.930570	5.031375	3.556606

Elem	Sr4077
Units	ppm
Avg	3.572455
Stddev	.012364
%RSD	.3460790

#1	3.569669
#2	3.585973
#3	3.561722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	593.1461	1062.265	27871.65	10168.69	1829.487
Stddev	3.7680	1.468	112.29	50.82	3.901
%RSD	.6352557	.1382264	.4028646	.4997209	.2132164

#1	592.5764	1063.488	27853.30	10110.12	1832.566
#2	589.6954	1060.636	27769.68	10194.98	1825.101
#3	597.1665	1062.670	27991.99	10200.97	1830.794

Sample Name: CCB082 Acquired: 9/27/2017 18:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059706	-.000953	-.000227	-.002291	.0005419	.0249962
Stddev	.0039793	.002566	.000768	.000944	.0011721	.0048872
%RSD	66.64930	269.1983	337.6147	41.23067	216.2779	19.55162

#1	.0068906	-.000327	-.000874	-.001205	.0018870	.0306327
#2	.0016118	-.003775	.000621	-.002741	-.000260	.0224152
#3	.0094093	.001242	-.000429	-.002926	-.000001	.0219406

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001343	-.000029	.0001154	.0289040	-.000256	-.000013
Stddev	.0001991	.000046	.0000545	.0010372	.000507	.000153
%RSD	148.2676	157.6459	47.25786	3.588425	197.7435	1144.510

#1	-.000060	-.000002	.0000564	.0278656	-.000408	-.000177
#2	.000338	-.000081	.0001639	.0299400	-.000670	.000126
#3	.000125	-.000003	.0001259	.0289064	.000309	.000011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010185	.0291594	.0011853	.0503465	-.000244	.0002213
Stddev	.0008879	.0064474	.0005293	.0181208	.000713	.0001640
%RSD	87.17878	22.11078	44.65889	35.99209	292.8095	74.11363

#1	.0015894	.0350615	.0016145	.0674427	.000468	.0000484
#2	-.000004	.0222787	.0013474	.0522459	-.000959	.0002407
#3	.001471	.0301380	.0005938	.0313508	-.000240	.0003747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536084	-.000914	.0021958	.0189235	.0003460	F .0114969
Stddev	.0337742	.001294	.0016096	.0156129	.0027648	.0018645
%RSD	63.00168	141.5482	73.30458	82.50534	799.1070	16.21746

#1	.0611052	.000566	.0025587	.0017111	-.000442	.0135164
#2	.0167157	-.001832	.0004357	.0228862	.003419	.0098410
#3	.0830043	-.001476	.0035930	.0321731	-.001940	.0111332

Sample Name: CCB082 Acquired: 9/27/2017 18:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007219	-.004410	.0012834	-.001765	.0006696	.0005847
Stddev	.0003237	.008956	.0006937	.000798	.0001416	.0000857
%RSD	44.84759	203.1073	54.05058	45.22877	21.14504	14.65965

#1	.0010190	.005908	.0006988	-.002443	.0005406	.0006544
#2	.0003769	-.008963	.0011015	-.000885	.0008211	.0004890
#3	.0007697	-.010175	.0020499	-.001967	.0006470	.0006108

Elem	Sr4077
Units	ppm
Avg	.0001826
Stddev	.0000483
%RSD	26.44425

#1	.0002267
#2	.0001900
#3	.0001310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	773.7247	1367.389	34727.30	11340.86	2840.758
Stddev	.9070	3.799	60.93	45.44	8.735
%RSD	.1172296	.2778021	.1754561	.4006689	.3074917

#1	772.9445	1366.339	34668.22	11350.13	2830.686
#2	774.7200	1364.226	34723.74	11291.50	2846.262
#3	773.5097	1371.603	34789.93	11380.95	2845.327

Sample Name: I5317-15 Acquired: 9/27/2017 18:08:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2013362	-.039341	8.785455	.0011401	.0330811	84.89570	3.401706
Stddev	.0023649	.005793	.023619	.0038679	.0019717	.11812	.005433
%RSD	1.174586	14.72528	.2688411	339.2600	5.960102	.1391407	.1597188

#1	.2038202	-.037672	8.759588	.0053807	.0353476	84.88198	3.401750
#2	.2010765	-.034566	8.790903	-.002194	.0317618	85.02008	3.396251
#3	.1991119	-.045786	8.805874	.000234	.0321338	84.78503	3.407117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091070	.0299639	348.8159	.3121793	.0907725	1.153285	218.2283
Stddev	.0000658	.0005574	.6908	.0011881	.0004014	.000762	.8480
%RSD	.7223378	1.860266	.1980474	.3805901	.4421575	.0660503	.3885856

#1	.0090401	.0293596	349.4689	.3121516	.0904328	1.153720	218.5725
#2	.0091716	.0300744	348.0926	.3110053	.0912154	1.153729	218.8501
#3	.0091091	.0304579	348.8860	.3133810	.0906694	1.152405	217.2623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.694178	99.56880	.3111905	.0117077	2.174991	.2394505	4.818247
Stddev	.018236	.51940	.0006084	.0002957	.073558	.0013440	.010050
%RSD	.3202517	.5216461	.1954932	2.525650	3.382002	.5612627	.2085803

#1	5.712309	99.87798	.3110007	.0119486	2.100483	.2405716	4.808160
#2	5.675839	99.85927	.3106996	.0117968	2.176929	.2379607	4.818322
#3	5.694387	98.96915	.3118711	.0113777	2.247561	.2398193	4.828259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.77565	24.03573	-.550713	.0105424	9.896107	2.972179	.2822840
Stddev	.05380	.29832	.004300	.0007392	.076353	.008664	.0030396
%RSD	.4211187	1.241168	.7808242	7.011535	.7715498	.2915057	1.076800

#1	12.83110	23.69343	-.555622	.0101323	9.808070	2.979927	.2857562
#2	12.72367	24.24033	-.548910	.0113957	9.936003	2.973786	.2809922
#3	12.77218	24.17343	-.547609	.0100991	9.944247	2.962824	.2801037

Sample Name: I5317-15 Acquired: 9/27/2017 18:08:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7269583	.0870572	.4202808
Stddev	.0040743	.0002871	.0006165
%RSD	.5604630	.3297476	.1466852

#1	.7247645	.0872277	.4209897
#2	.7316594	.0867258	.4199831
#3	.7244509	.0872181	.4198697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	780.8784	1381.027	36399.46	12840.03	2116.137
Stddev	2.9065	5.426	31.88	58.06	2.868
%RSD	.3722120	.3928900	.0875810	.4521808	.1355379

#1	777.5339	1376.565	36371.85	12774.70	2113.873
#2	782.3085	1379.451	36392.18	12859.70	2115.174
#3	782.7928	1387.067	36434.35	12885.71	2119.362

Sample Name: I5317-16 Acquired: 9/27/2017 18:12:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691221	-.030576	1.513440	-.009389	.0119746	63.19625
Stddev	.0086674	.001224	.005787	.002597	.0025247	.50209
%RSD	12.53929	4.002903	.3823807	27.66508	21.08349	.7944979

#1	.0602915	-.030528	1.519804	-.008869	.0094103	62.97524
#2	.0694582	-.031823	1.512023	-.007090	.0120559	62.84257
#3	.0776165	-.029377	1.508493	-.012207	.0144576	63.77093

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.409109	.0059979	.0144702	F 1005.521	.1403498	.0632507
Stddev	.008817	.0001644	.0003911	18.684	.0004957	.0005238
%RSD	.6257026	2.741385	2.702682	1.858172	.3532254	.8280663

#1	1.402433	.0061760	.0140518	1009.721	.1408505	.0638075
#2	1.405790	.0059659	.0145325	985.095	.1398592	.0627679
#3	1.419104	.0058519	.0148265	1021.749	.1403396	.0631767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4728331	142.8160	6.670265	219.3044	.1636756	.0059653
Stddev	.0034274	1.1012	.036663	1.8632	.0009800	.0002388
%RSD	.7248743	.7710284	.5496517	.8495815	.5987229	4.003406

#1	.4723533	142.8762	6.657005	219.5852	.1628931	.0059375
#2	.4696708	141.6860	6.642077	217.3168	.1633591	.0057416
#3	.4764751	143.8859	6.711714	221.0112	.1647748	.0062168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.654113	.1474673	1.180661	8.689744	16.38845	-.372253
Stddev	.076669	.0024657	.019465	.080178	.07702	.001599
%RSD	4.635041	1.672018	1.648677	.9226756	.4699878	.4296131

#1	1.698281	.1466803	1.176670	8.655039	16.32973	-.372527
#2	1.565583	.1454912	1.163501	8.632765	16.35997	-.370535
#3	1.698474	.1502304	1.201813	8.781428	16.47566	-.373698

Sample Name: I5317-16 Acquired: 9/27/2017 18:12:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051942	3.945557	5.276607	.0602324	.5204319	.0766801
Stddev	.0005346	.011281	.022630	.0008340	.0055145	.0005624
%RSD	10.29301	.2859251	.4288686	1.384686	1.059603	.7334294

#1	.0047636	3.956078	5.292078	.0600386	.5185972	.0765022
#2	.0050263	3.933644	5.250635	.0595123	.5160687	.0762282
#3	.0057926	3.946948	5.287109	.0611462	.5266300	.0773100

Elem	Sr4077
Units	ppm
Avg	.4117150
Stddev	.0024372
%RSD	.5919665

#1	.4105107
#2	.4101144
#3	.4145200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	763.8757	1350.553	34649.67	12490.59	1901.413
Stddev	7.7035	5.344	80.49	76.83	.630
%RSD	1.008470	.3956692	.2322968	.6151046	.0331521

#1	770.1601	1356.090	34724.66	12473.67	1902.141
#2	766.1854	1345.426	34659.72	12574.48	1901.043
#3	755.2816	1350.144	34564.63	12423.64	1901.055

Sample Name: I5317-17 Acquired: 9/27/2017 18:16:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624223	-.034996	1.043465	-.008973	.0069806	60.97526
Stddev	.0082142	.002258	.005557	.005205	.0004564	.12059
%RSD	13.15902	6.452828	.5325828	58.01119	6.538733	.1977637

#1	.0636792	-.036825	1.037118	-.007840	.0074877	60.94860
#2	.0536521	-.035691	1.045819	-.004427	.0066027	61.10695
#3	.0699355	-.032472	1.047458	-.014651	.0068513	60.87024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.154651	.0055136	.0160637	F 1164.334	.1081026	.0718922
Stddev	.001098	.0001150	.0002828	3.512	.0016883	.0012951
%RSD	.0950781	2.086437	1.760387	.3016362	1.561775	1.801492

#1	1.155796	.0056419	.0161487	1162.567	.1081145	.0704015
#2	1.154549	.0054196	.0157482	1162.056	.1064083	.0727419
#3	1.153607	.0054794	.0162943	1168.378	.1097849	.0725331

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4266709	160.8796	8.054466	250.6366	.1642531	.0057136
Stddev	.0001051	.3575	.011921	.4163	.0003743	.0003666
%RSD	.0246247	.2222381	.1480103	.1661160	.2278904	6.417160

#1	.4267378	160.7555	8.054693	250.5372	.1638616	.0054979
#2	.4265498	161.2826	8.042433	251.0936	.1642903	.0055060
#3	.4267251	160.6006	8.066272	250.2789	.1646074	.0061370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.756254	.1487951	1.127830	9.251781	12.14962	-.440342
Stddev	.026647	.0012654	.010889	.021509	.08563	.004833
%RSD	1.517286	.8504425	.9655114	.2324877	.7047946	1.097457

#1	1.785699	.1496854	1.137130	9.228758	12.09200	-.442832
#2	1.749264	.1473465	1.115851	9.271362	12.10885	-.443421
#3	1.733797	.1493533	1.130510	9.255223	12.24802	-.434772

Sample Name: I5317-17 Acquired: 9/27/2017 18:16:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047682	3.090529	3.115851	.0308077	.5601377	.0766482
Stddev	.0006681	.005659	.026607	.0009366	.0018930	.0001296
%RSD	14.01071	.1830952	.8539311	3.040213	.3379479	.1691056

#1	.0041672	3.093096	3.107184	.0316758	.5605782	.0764986
#2	.0046499	3.084042	3.145711	.0298150	.5580633	.0767180
#3	.0054875	3.094449	3.094657	.0309323	.5617716	.0767279

Elem	Sr4077
Units	ppm
Avg	.4415431
Stddev	.0002509
%RSD	.0568143

#1	.4412832
#2	.4417838
#3	.4415623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.8676	1310.886	33813.09	12300.85	1876.375
Stddev	10.4843	3.104	202.32	40.75	2.748
%RSD	1.417051	.2367787	.5983498	.3312905	.1464605

#1	728.5353	1309.183	33579.56	12268.53	1877.516
#2	749.2221	1314.469	33935.56	12287.39	1878.370
#3	741.8454	1309.007	33924.14	12346.63	1873.241

Sample Name: I5317-18 Acquired: 9/27/2017 18:21:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322818	-.035403	9.146878	-.001481	.0138609	82.69950	2.169281
Stddev	.0121135	.003275	.060563	.004482	.0017587	.68867	.017655
%RSD	9.157348	9.251508	.6621180	302.7439	12.68820	.8327352	.8138570

#1	.1261917	-.033207	9.091143	.003309	.0155429	82.30899	2.163818
#2	.1244218	-.039167	9.138166	-.005574	.0140054	83.49466	2.189021
#3	.1462319	-.033833	9.211326	-.002176	.0120344	82.29484	2.155003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084691	.0251205	222.6706	.1739476	.0844921	1.094991	200.2003
Stddev	.0000411	.0006757	2.0273	.0014700	.0005476	.010308	1.9063
%RSD	.4853478	2.689671	.9104266	.8450582	.6480758	.9414179	.9522044

#1	.0084715	.0246898	220.6956	.1743221	.0841405	1.092314	198.3892
#2	.0084268	.0247725	224.7463	.1751940	.0842127	1.106374	202.1894
#3	.0085089	.0258992	222.5700	.1723266	.0851230	1.086286	200.0223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.581984	76.57617	.2839576	.0102797	1.671118	.2379844	4.128005
Stddev	.047965	.63291	.0015276	.0001860	.077937	.0016843	.042137
%RSD	.8592824	.8265158	.5379713	1.809413	4.663742	.7077454	1.020771

#1	5.551977	76.18670	.2824070	.0100655	1.712874	.2366238	4.117365
#2	5.637303	77.30646	.2840045	.0103726	1.581201	.2374612	4.174443
#3	5.556673	76.23536	.2854612	.0104009	1.719280	.2398682	4.092208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.09628	16.77275	-.495858	.0090193	10.28722	7.002608	.1911016
Stddev	.15231	.15463	.004763	.0009687	.09211	.076003	.0008386
%RSD	1.259111	.9218829	.9605543	10.74080	.8953663	1.085349	.4388026

#1	12.03333	16.74291	-.492839	.0087875	10.23655	6.957983	.1914285
#2	12.26997	16.63521	-.501349	.0100829	10.23157	7.090364	.1901488
#3	11.98554	16.94011	-.493386	.0081875	10.39354	6.959476	.1917275

Sample Name: I5317-18 Acquired: 9/27/2017 18:21:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE068 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8995323	.0737117	.2662556
Stddev	.0108305	.0007479	.0025785
%RSD	1.204018	1.014648	.9684272

#1	.8928744	.0735594	.2651693
#2	.9120294	.0745240	.2691995
#3	.8936932	.0730516	.2643980

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	776.6128	1390.745	36534.72	12738.10	2203.898
Stddev	10.6502	2.844	292.40	117.10	6.853
%RSD	1.371366	.2045218	.8003455	.9192882	.3109381

#1	772.8664	1388.179	36334.76	12784.34	2202.936
#2	768.3420	1393.803	36399.08	12604.94	2211.180
#3	788.6299	1390.253	36870.31	12825.02	2197.577

Sample Name: I5317-19 Acquired: 9/27/2017 18:25:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763005	-.032178	9.735682	.0029413	.0125395	85.88375	4.189338
Stddev	.0063267	.002409	.024293	.0059991	.0014123	.33493	.013789
%RSD	3.588565	7.485224	.2495203	203.9584	11.26238	.3899807	.3291550

#1	.1704367	-.031995	9.708133	.0023131	.0141390	85.52780	4.177067
#2	.1830058	-.029867	9.754030	.0092297	.0114646	86.19269	4.204261
#3	.1754590	-.034673	9.744883	-.002719	.0120150	85.93076	4.186686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094730	.0249647	237.5205	.2047395	.0985768	1.410663	198.5316
Stddev	.0001339	.0002978	.4425	.0006941	.0010655	.002314	.4436
%RSD	1.413511	1.192760	.1862818	.3390122	1.080887	.1640124	.2234260

#1	.0094853	.0248215	237.0512	.2042531	.0981923	1.411552	198.1170
#2	.0096004	.0247656	237.9301	.2044310	.0997812	1.412401	198.9993
#3	.0093334	.0253070	237.5802	.2055344	.0977570	1.408037	198.4784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.863410	73.28556	.3174919	.0180051	2.018863	.2722752	4.059035
Stddev	.005663	.17029	.0006056	.0001957	.062936	.0012173	.032129
%RSD	.0965892	.2323695	.1907332	1.086666	3.117400	.4470667	.7915412

#1	5.860237	73.12628	.3181575	.0178487	1.951283	.2710048	4.051385
#2	5.869949	73.46506	.3173447	.0182245	2.029509	.2734312	4.094299
#3	5.860044	73.26534	.3169735	.0179422	2.075797	.2723897	4.031422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.98568	16.63050	-.509900	.0129375	9.355949	2.991270	.2246133
Stddev	.04189	.11956	.001325	.0005800	.056494	.012807	.0019157
%RSD	.3495003	.7189433	.2597744	4.483039	.6038346	.4281568	.8528805

#1	11.93872	16.50472	-.508808	.0129392	9.304851	2.983195	.2266099
#2	11.99909	16.64411	-.511374	.0123566	9.346378	2.984578	.2227903
#3	12.01921	16.74268	-.509519	.0135166	9.416617	3.006037	.2244397

Sample Name: I5317-19 Acquired: 9/27/2017 18:25:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE069 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7326860	.0812188	.3543973
Stddev	.0016529	.0001627	.0005733
%RSD	.2255905	.2003726	.1617609

#1	.7308799	.0810438	.3538869
#2	.7341235	.0812470	.3550176
#3	.7330546	.0813656	.3542874

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	788.3749	1402.949	36866.86	12965.58	2197.036
Stddev	6.1648	4.988	134.24	47.77	3.891
%RSD	.7819626	.3555015	.3641277	.3684263	.1770981

#1	786.3519	1397.508	36778.42	12923.87	2192.560
#2	783.4758	1407.304	36800.84	12955.18	2198.940
#3	795.2970	1404.036	37021.33	13017.69	2199.609

Sample Name: I5317-20 Acquired: 9/27/2017 18:29:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1617412	-.038695	7.646904	-.003582	.0108630	81.81416	2.825731
Stddev	.0053137	.004060	.015323	.002846	.0005946	.03052	.011785
%RSD	3.285306	10.49336	.2003786	79.45029	5.473895	.0373024	.4170769

#1	.1658696	-.041897	7.663322	-.005476	.0114891	81.78126	2.812785
#2	.1557460	-.040060	7.632983	-.000309	.0103058	81.84155	2.835836
#3	.1636079	-.034128	7.644407	-.004960	.0107942	81.81967	2.828572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091151	.0220455	510.8923	.1635554	.0978294	1.176439	210.9428
Stddev	.0001783	.0001845	.9394	.0008456	.0006013	.002785	.9111
%RSD	1.956390	.8370452	.1838662	.5169897	.6146576	.2367077	.4318971

#1	.0092314	.0222151	511.7901	.1644900	.0976672	1.178830	211.9947
#2	.0092041	.0220724	510.9706	.1633327	.0984952	1.177107	210.4081
#3	.0089098	.0218490	509.9162	.1628434	.0973258	1.173382	210.4255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.192689	90.35830	.2361533	.0097048	1.899445	.2455108	3.794889
Stddev	.016511	.25243	.0006345	.0005991	.016942	.0026587	.018340
%RSD	.2295532	.2793618	.2686645	6.173598	.8919611	1.082942	.4832695

#1	7.210752	90.62460	.2366928	.0097972	1.916189	.2475517	3.777594
#2	7.188941	90.12252	.2363128	.0102523	1.882311	.2425042	3.792953
#3	7.178374	90.32777	.2354543	.0090648	1.899835	.2464765	3.814120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03237	16.88042	-.572034	.0092533	7.678174	2.658465	.2120064
Stddev	.02386	.11905	.003924	.0003184	.037864	.027769	.0008129
%RSD	.2163129	.7052665	.6859466	3.441011	.4931428	1.044550	.3834097

#1	11.01474	16.93742	-.575915	.0096202	7.687065	2.686617	.2112584
#2	11.05953	16.74358	-.572120	.0090501	7.636655	2.657683	.2128714
#3	11.02284	16.96026	-.568068	.0090895	7.710802	2.631096	.2118894

Sample Name: I5317-20 Acquired: 9/27/2017 18:29:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6425573	.0826608	.3754759
Stddev	.0015900	.0003149	.0002114
%RSD	.2474450	.3809224	.0562947

#1	.6421035	.0823446	.3752603
#2	.6412436	.0829743	.3756828
#3	.6443249	.0826635	.3754846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	793.7310	1404.523	36500.75	12949.70	2061.174
Stddev	3.9378	1.574	13.02	88.03	3.468
%RSD	.4961065	.1120443	.0356798	.6797586	.1682445

#1	796.4464	1403.677	36515.50	12848.81	2058.066
#2	795.5316	1403.554	36495.91	12989.42	2060.541
#3	789.2148	1406.339	36490.84	13010.87	2064.914

Sample Name: I5317-21 Acquired: 9/27/2017 18:33:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1476978	-.042927	5.972964	-.004465	.0076357	84.71628	2.303575
Stddev	.0122469	.003197	.025320	.002814	.0015999	.18508	.004677
%RSD	8.291860	7.447652	.4239069	63.01192	20.95272	.2184674	.2030462

#1	.1587207	-.043454	5.965219	-.001928	.0063031	84.66873	2.298904
#2	.1345145	-.039500	5.952420	-.003976	.0094100	84.92049	2.308259
#3	.1498584	-.045828	6.001251	-.007491	.0071940	84.55961	2.303562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087441	.0212081	722.2634	.1892268	.0932142	1.757981	204.2410
Stddev	.0000781	.0002150	1.3119	.0006027	.0007064	.011198	.8113
%RSD	.8935201	1.013810	.1816376	.3185146	.7578052	.6369887	.3972238

#1	.0088202	.0210886	720.8576	.1890052	.0936793	1.745092	204.9057
#2	.0087481	.0210794	723.4551	.1887662	.0924014	1.765315	204.4804
#3	.0086641	.0214563	722.4776	.1899089	.0935620	1.763538	203.3370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.942706	120.3057	.2483296	.0099204	1.913953	.2271301	2.725216
Stddev	.009216	.5367	.0006744	.0002190	.037851	.0016592	.006970
%RSD	.1327507	.4461202	.2715771	2.207167	1.977615	.7305069	.2557516

#1	6.932103	120.7394	.2479058	.0100935	1.954717	.2288795	2.733235
#2	6.948797	120.4722	.2479757	.0099933	1.907223	.2269318	2.720616
#3	6.947218	119.7055	.2491073	.0096743	1.879919	.2255789	2.721798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.60712	17.25392	-.557315	.0086746	6.290068	2.694149	.1564861
Stddev	.05382	.22015	.000560	.0001896	.077492	.016483	.0025507
%RSD	.4636992	1.275925	.1004397	2.185905	1.231978	.6118178	1.629964

#1	11.54585	17.10253	-.557959	.0087165	6.231702	2.692931	.1535662
#2	11.64681	17.15276	-.556945	.0084675	6.260514	2.678308	.1582795
#3	11.62868	17.50646	-.557040	.0088397	6.377989	2.711207	.1576128

Sample Name: I5317-21 Acquired: 9/27/2017 18:33:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5207733	.0871415	.4068128
Stddev	.0038959	.0003541	.0007629
%RSD	.7480924	.4063891	.1875177

#1	.5217430	.0868209	.4063144
#2	.5240927	.0875217	.4076910
#3	.5164842	.0870821	.4064329

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	765.2393	1366.017	35569.86	12721.06	1971.811
Stddev	2.1754	4.789	122.39	59.35	4.303
%RSD	.2842729	.3505618	.3440886	.4665103	.2182209

#1	762.8134	1362.677	35428.91	12655.43	1967.434
#2	767.0166	1363.872	35649.34	12736.80	1976.036
#3	765.8880	1371.504	35631.31	12770.94	1971.965

Sample Name: I5317-22 Acquired: 9/27/2017 18:37:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1011312	-.044410	4.687017	-.004953	.0078413	84.23591	1.992961
Stddev	.0024218	.007311	.022739	.003137	.0021883	.09215	.000566
%RSD	2.394677	16.46295	.4851492	63.34464	27.90761	.1093909	.0283845

#1	.1029523	-.050358	4.669904	-.007499	.0060824	84.33804	1.993064
#2	.0983828	-.046625	4.678329	-.005912	.0071497	84.15900	1.992351
#3	.1020586	-.036248	4.712820	-.001448	.0102919	84.21069	1.993468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082485	.0213116	524.3063	.1526788	.0870486	.9808996	221.4167
Stddev	.0002066	.0005099	1.6304	.0000702	.0004086	.0033855	1.0255
%RSD	2.504933	2.392734	.3109713	.0459644	.4694370	.3451465	.4631644

#1	.0082508	.0212436	526.0252	.1527310	.0875092	.9806915	222.5906
#2	.0084539	.0208391	522.7818	.1525991	.0869072	.9776229	220.6950
#3	.0080407	.0218521	524.1119	.1527064	.0867295	.9843844	220.9644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.933743	108.6363	.2110992	.0098666	1.665982	.2058405	2.570682
Stddev	.008833	.3858	.0012664	.0002462	.122879	.0024937	.013707
%RSD	.1273948	.3550970	.5999078	2.495311	7.375784	1.211454	.5332117

#1	6.941277	109.0273	.2096440	.0099654	1.764520	.2040976	2.555439
#2	6.924022	108.2560	.2117018	.0100480	1.705127	.2047270	2.574612
#3	6.935931	108.6256	.2119517	.0095863	1.528299	.2086969	2.581995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.912821	16.94043	-.611818	.0051287	5.370143	2.482710	.0928727
Stddev	.011691	.13919	.006281	.0002351	.031508	.019538	.0006518
%RSD	.1179396	.8216457	1.026598	4.583816	.5867193	.7869523	.7018257

#1	9.924978	17.02307	-.618938	.0050136	5.376234	2.504993	.0921273
#2	9.911826	16.77973	-.607061	.0049732	5.336034	2.474620	.0931550
#3	9.901659	17.01849	-.609456	.0053991	5.398160	2.468516	.0933357

Sample Name: I5317-22 Acquired: 9/27/2017 18:37:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4306544	.0811824	.3164081
Stddev	.0012090	.0000656	.0009073
%RSD	.2807439	.0808395	.2867368

#1	.4315974	.0811093	.3174386
#2	.4292914	.0812362	.3157296
#3	.4310744	.0812017	.3160561

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	789.6736	1418.465	36777.03	13114.21	2051.287
Stddev	1.9490	3.661	54.40	96.18	4.204
%RSD	.2468072	.2580896	.1479304	.7334064	.2049595

#1	791.0344	1415.150	36837.34	13004.72	2049.325
#2	790.5454	1417.852	36731.64	13152.83	2056.113
#3	787.4409	1422.394	36762.11	13185.07	2048.422

Sample Name: I5318-01 Acquired: 9/27/2017 18:41:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143986	-.033026	3.199556	.0074589	.0120802	76.19704	2.225332
Stddev	.0045588	.002158	.009678	.0014257	.0005104	.37958	.008915
%RSD	3.985002	6.533319	.3024708	19.11474	4.224807	.4981614	.4006154

#1	.1145042	-.035324	3.190373	.0082976	.0116706	75.76498	2.216328
#2	.1189037	-.032711	3.198633	.0058127	.0119180	76.47694	2.234156
#3	.1097879	-.031043	3.209662	.0082663	.0126519	76.34919	2.225511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082951	.0220329	280.7340	.1985328	.0882105	.9297207	195.0854
Stddev	.0001075	.0002714	1.4642	.0007876	.0005370	.0051508	.8403
%RSD	1.295958	1.231620	.5215651	.3966869	.6088004	.5540172	.4307411

#1	.0081787	.0222457	280.8573	.1979690	.0876147	.9239108	194.2751
#2	.0083160	.0221258	279.2121	.1994326	.0883596	.9337276	195.0282
#3	.0083906	.0217273	282.1327	.1981967	.0886573	.9315238	195.9528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.927246	82.54901	.3806883	.0076508	1.851508	.2378105	2.662707
Stddev	.034454	.51417	.0003853	.0000669	.086951	.0019606	.029602
%RSD	.5812792	.6228623	.1011970	.8741295	4.696246	.8244190	1.111730

#1	5.915097	81.95936	.3802592	.0076716	1.774663	.2369147	2.690518
#2	5.900512	82.78378	.3808012	.0075759	1.945892	.2364577	2.631591
#3	5.966128	82.90388	.3810044	.0077047	1.833968	.2400589	2.666011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.47862	21.45152	-.425489	.0150367	10.37965	6.011749	.1575580
Stddev	.11293	.05129	.001853	.0002759	.03795	.019023	.0016280
%RSD	.9049938	.2390837	.4354181	1.834680	.3656654	.3164347	1.033286

#1	12.34907	21.44726	-.427480	.0152651	10.37675	5.995148	.1587011
#2	12.55634	21.40249	-.423816	.0147302	10.34324	6.007592	.1556940
#3	12.53044	21.50480	-.425172	.0151147	10.41898	6.032507	.1582791

Sample Name: I5318-01 Acquired: 9/27/2017 18:41:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9142745	.0809801	.3584013
Stddev	.0019227	.0006263	.0009023
%RSD	.2102966	.7734068	.2517572

#1	.9126633	.0802954	.3573816
#2	.9164029	.0815240	.3590964
#3	.9137574	.0811210	.3587260

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.0314	1356.844	35845.24	12590.63	2184.237
Stddev	3.2338	5.130	90.70	30.66	1.710
%RSD	.4277386	.3780797	.2530439	.2435305	.0782751

#1	752.7817	1350.970	35860.67	12624.43	2182.961
#2	756.0635	1359.115	35747.81	12564.59	2186.180
#3	759.2491	1360.447	35927.24	12582.87	2183.571

Sample Name: I5318-02 Acquired: 9/27/2017 18:45:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378726	-.033950	3.392108	.0023847	.0082380	81.49171	2.306439
Stddev	.0043328	.003754	.016578	.0088267	.0019042	.08247	.004439
%RSD	3.142583	11.05602	.4887258	370.1440	23.11448	.1012065	.1924742

#1	.1428511	-.038267	3.385649	-.002543	.0085094	81.58562	2.308443
#2	.1349550	-.032130	3.379731	.012575	.0099918	81.43106	2.301351
#3	.1358117	-.031454	3.410943	-.002878	.0062126	81.45846	2.309523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091998	.0197652	170.3402	.1958493	.0922422	.9640484	224.1377
Stddev	.0001193	.0001890	.8666	.0007995	.0004518	.0071684	.7340
%RSD	1.296936	.9560687	.5087547	.4082246	.4898176	.7435766	.3274706

#1	.0093059	.0198382	169.8783	.1967694	.0923053	.9684651	224.2239
#2	.0092228	.0199068	169.8023	.1953241	.0917621	.9557773	223.3644
#3	.0090706	.0195506	171.3399	.1954543	.0926591	.9679027	224.8247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.411490	48.12013	.3102196	.0108212	1.744778	.2533473	2.093487
Stddev	.023521	.18311	.0008147	.0001929	.037397	.0002087	.014823
%RSD	.4346485	.3805300	.2626206	1.782635	2.143356	.0823812	.7080502

#1	5.404319	48.16757	.3094658	.0106143	1.735700	.2531156	2.076383
#2	5.392390	47.91796	.3101090	.0109961	1.785878	.2535206	2.101488
#3	5.437762	48.27485	.3110839	.0108532	1.712756	.2534055	2.102591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.08862	16.86004	-.576319	.0158344	8.301174	5.478520	.2071830
Stddev	.04430	.05407	.003714	.0004628	.011676	.023691	.0028134
%RSD	.3664767	.3207227	.6444599	2.922929	.1406591	.4324350	1.357949

#1	12.13883	16.91412	-.578361	.0153079	8.314003	5.505723	.2079977
#2	12.07203	16.86002	-.578565	.0160180	8.291169	5.462423	.2040521
#3	12.05501	16.80597	-.572032	.0161772	8.298349	5.467413	.2094991

Sample Name: I5318-02 Acquired: 9/27/2017 18:45:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9454168	.0917107	.2205343
Stddev	.0058356	.0006134	.0003466
%RSD	.6172556	.6687845	.1571782

#1	.9408432	.0918997	.2208813
#2	.9434180	.0922072	.2201881
#3	.9519892	.0910251	.2205336

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	791.2668	1411.988	37068.23	12865.15	2265.034
Stddev	.9650	5.316	95.88	52.19	5.206
%RSD	.1219518	.3764801	.2586665	.4056417	.2298404

#1	791.0948	1406.073	36969.14	12804.97	2260.709
#2	792.3062	1413.527	37160.54	12897.84	2270.813
#3	790.3993	1416.364	37075.01	12892.65	2263.582

Sample Name: I5318-03 Acquired: 9/27/2017 18:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2592325	-.049982	4.272559	.0008725	.0148959	73.71964	3.196432
Stddev	.0044137	.002106	.014872	.0021323	.0012314	.12638	.004067
%RSD	1.702587	4.213590	.3480740	244.3961	8.266756	.1714303	.1272371

#1	.2559878	-.048645	4.277146	.0004689	.0159561	73.85036	3.200502
#2	.2574512	-.052410	4.255934	-.001029	.0135452	73.71044	3.192368
#3	.2642584	-.048892	4.284597	.003178	.0151865	73.59811	3.196428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137572	.0285050	202.0001	.2443528	.1405035	1.304300	332.6550
Stddev	.0003647	.0001590	.1533	.0005770	.0001422	.003311	1.0999
%RSD	2.650868	.5577415	.0758856	.2361539	.1011938	.2538827	.3306461

#1	.0135191	.0283759	202.0516	.2450188	.1405274	1.302230	333.3149
#2	.0135755	.0284567	202.1210	.2440384	.1403509	1.308119	333.2649
#3	.0141771	.0286826	201.8277	.2440013	.1406323	1.302551	331.3853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.208857	49.26397	.4502115	.0140091	2.513109	.3421974	3.494340
Stddev	.005530	.18872	.0020614	.0002993	.053291	.0010957	.003147
%RSD	.1061580	.3830888	.4578785	2.136393	2.120527	.3201989	.0900696

#1	5.211939	49.36244	.4485225	.0136784	2.490020	.3414905	3.491562
#2	5.212160	49.38309	.4496034	.0142614	2.574051	.3434596	3.493699
#3	5.202474	49.04637	.4525086	.0140876	2.475255	.3416422	3.497758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47230	17.96008	-.889546	.0347570	11.29772	4.209187	.2335055
Stddev	.03324	.05731	.004589	.0006890	.05003	.011004	.0002971
%RSD	.3174175	.3191129	.5158784	1.982193	.4428062	.2614187	.1272565

#1	10.50804	18.02426	-.893480	.0341255	11.33256	4.220940	.2332306
#2	10.46655	17.91401	-.884504	.0354918	11.24040	4.199130	.2338208
#3	10.44231	17.94196	-.890652	.0346537	11.32021	4.207490	.2334652

Sample Name: I5318-03 Acquired: 9/27/2017 18:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.437188	.0648001	.3588172
Stddev	.004710	.0001415	.0002539
%RSD	.3277272	.2184211	.0707480

#1	1.436060	.0646787	.3591003
#2	1.442360	.0649555	.3587416
#3	1.433144	.0647661	.3586097

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	785.4200	1390.059	36866.09	12830.11	2255.322
Stddev	3.4436	2.826	132.14	61.65	5.827
%RSD	.4384416	.2032690	.3584235	.4804755	.2583662

#1	783.4824	1393.305	36773.21	12764.38	2256.526
#2	783.3816	1388.719	36807.69	12839.32	2260.454
#3	789.3959	1388.152	37017.36	12886.63	2248.988

Sample Name: I5318-04 Acquired: 9/27/2017 18:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2218432	-.041227	10.49556	-.004449	.0218370	86.43312	7.538574
Stddev	.0040457	.003244	.02404	.002366	.0022499	.16360	.012756
%RSD	1.823693	7.868433	.2290043	53.18513	10.30317	.1892847	.1692062

#1	.2177284	-.044479	10.51916	-.006743	.0206635	86.61769	7.549895
#2	.2258162	-.037991	10.49641	-.004588	.0204164	86.37567	7.541072
#3	.2219851	-.041210	10.47112	-.002016	.0244311	86.30598	7.524754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117583	.0589747	263.0085	.3738463	.1350847	2.103277	277.7165
Stddev	.0000990	.0003738	.6523	.0018514	.0004516	.009151	.3401
%RSD	.8420558	.6338344	.2480098	.4952295	.3343250	.4350784	.1224657

#1	.0117900	.0585879	262.5639	.3719288	.1353100	2.108553	278.0443
#2	.0118375	.0590021	262.7043	.3756236	.1353794	2.108567	277.3653
#3	.0116473	.0593340	263.7573	.3739866	.1345647	2.092710	277.7399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.982650	56.60434	.4440965	.0155534	3.361655	.3522275	7.650233
Stddev	.003604	.20384	.0012783	.0002749	.025500	.0028724	.064152
%RSD	.0451518	.3601147	.2878308	1.767610	.7585606	.8155048	.8385656

#1	7.983776	56.82423	.4435525	.0157646	3.353384	.3493052	7.672729
#2	7.978617	56.42169	.4455567	.0156531	3.390263	.3523298	7.577863
#3	7.985556	56.56709	.4431802	.0152426	3.341316	.3550474	7.700108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.05507	20.75085	-.698858	.0222356	9.865825	4.081529	1.129486
Stddev	.04790	.03497	.004931	.0005573	.020329	.021443	.003023
%RSD	.3668970	.1685107	.7055540	2.506287	.2060550	.5253698	.2676077

#1	13.10836	20.71371	-.698659	.0222262	9.843336	4.092462	1.130910
#2	13.04124	20.75571	-.703886	.0216831	9.882896	4.095302	1.126015
#3	13.01561	20.78313	-.694030	.0227976	9.871243	4.056823	1.131535

Sample Name: I5318-04 Acquired: 9/27/2017 18:53:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.240581	.0771826	.4837096
Stddev	.002267	.0003172	.0012598
%RSD	.1826997	.4110040	.2604534

#1	1.238057	.0775425	.4847306
#2	1.242443	.0770621	.4840965
#3	1.241243	.0769433	.4823017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.4751	1412.990	36991.13	12960.24	2220.313
Stddev	4.7032	4.702	7.51	52.73	2.043
%RSD	.5905052	.3327923	.0203091	.4068640	.0919996

#1	792.4786	1417.995	36989.94	12921.06	2218.211
#2	801.6579	1412.310	36984.28	12939.48	2222.291
#3	795.2887	1408.664	36999.16	13020.20	2220.437

Sample Name: I5318-05 Acquired: 9/27/2017 18:57:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2538533	-.040896	5.505620	.0001127	.0142252	82.57242	4.481940
Stddev	.0061642	.004508	.027176	.0034740	.0020786	.24007	.017449
%RSD	2.428264	11.02308	.4936102	3082.290	14.61190	.2907327	.3893105

#1	.2543693	-.046031	5.485840	.0040804	.0148396	82.77267	4.500040
#2	.2474473	-.037590	5.494412	-.002383	.0159273	82.30630	4.465225
#3	.2597433	-.039067	5.536608	-.001359	.0119087	82.63830	4.480554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123773	.0319599	340.3445	.2491482	.1290037	1.376350	263.5853
Stddev	.0000252	.0003989	1.5078	.0007081	.0004149	.003109	1.1736
%RSD	.2039112	1.248201	.4430205	.2842068	.3215932	.2258987	.4452327

#1	.0124064	.0315934	339.0858	.2492549	.1294248	1.379478	263.3812
#2	.0123611	.0319016	339.9322	.2497968	.1289909	1.373260	262.5272
#3	.0123645	.0323848	342.0156	.2483927	.1285954	1.376312	264.8476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.757101	53.65983	.3506772	.0117576	2.680834	.3378286	4.086694
Stddev	.018125	.24998	.0003348	.0001033	.076437	.0016225	.016853
%RSD	.2682399	.4658523	.0954783	.8787702	2.851231	.4802888	.4123875

#1	6.741078	53.68942	.3503594	.0116391	2.637259	.3379675	4.076577
#2	6.753452	53.39638	.3506454	.0118050	2.636150	.3393772	4.106149
#3	6.776773	53.89370	.3510267	.0118287	2.769093	.3361411	4.077355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.07933	20.91181	-.662573	.0229756	10.11811	5.360969	.5183533
Stddev	.04158	.12854	.001900	.0006304	.03966	.022584	.0067634
%RSD	.3442527	.6146809	.2867551	2.743987	.3919967	.4212709	1.304783

#1	12.12471	20.81363	-.662292	.0229994	10.08511	5.378233	.5110111
#2	12.04304	20.86451	-.660829	.0223335	10.10712	5.335410	.5197198
#3	12.07026	21.05730	-.664598	.0235937	10.16212	5.369263	.5243292

Sample Name: I5318-05 Acquired: 9/27/2017 18:57:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.165232	.0783515	.4404201
Stddev	.002739	.0008905	.0010813
%RSD	.2350674	1.136545	.2455116

#1	1.165951	.0793492	.4409556
#2	1.162205	.0780682	.4391755
#3	1.167539	.0776371	.4411290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	788.2609	1391.919	36552.14	12804.94	2154.104
Stddev	4.6525	1.726	92.75	21.81	7.091
%RSD	.5902289	.1239737	.2537592	.1703362	.3291839

#1	787.4159	1390.405	36486.49	12780.07	2153.120
#2	784.0887	1393.798	36511.68	12813.92	2161.636
#3	793.2780	1391.555	36658.25	12820.82	2147.557

Sample Name: I5318-09 Acquired: 9/27/2017 19:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2496092	-.039594	2.655886	-.002308	.0121063	59.14615	3.525223
Stddev	.0117791	.004595	.003479	.004762	.0020711	.14175	.008846
%RSD	4.719013	11.60417	.1309886	206.3614	17.10743	.2396680	.2509428

#1	.2487944	-.041796	2.653094	-.007456	.0139396	58.99948	3.532222
#2	.2382586	-.042674	2.659784	-.001407	.0125195	59.28242	3.515280
#3	.2617745	-.034313	2.654781	.001940	.0098598	59.15654	3.528167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110381	.0225707	307.3909	.1403945	.0913303	1.606068	269.2759
Stddev	.0001061	.0003591	1.0236	.0013414	.0004755	.004374	1.1609
%RSD	.9608933	1.591119	.3330020	.9554675	.5205954	.2723716	.4311144

#1	.0111347	.0229138	306.3411	.1417427	.0917943	1.602244	268.0473
#2	.0109246	.0226007	307.4454	.1390599	.0913526	1.610838	270.3545
#3	.0110551	.0221975	308.3861	.1403807	.0908442	1.605121	269.4259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.931060	135.7633	.3498247	.0100263	2.570310	.2310073	2.370895
Stddev	.007525	.5919	.0011169	.0003303	.018997	.0021848	.011897
%RSD	.1914221	.4359969	.3192756	3.294552	.7391086	.9457853	.5017818

#1	3.923918	135.1151	.3486726	.0096478	2.549054	.2291648	2.359137
#2	3.930345	136.2751	.3509027	.0102565	2.576243	.2334210	2.382926
#3	3.938917	135.8997	.3498986	.0101747	2.585633	.2304361	2.370621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.013846	13.82524	-.667173	.0209755	10.27647	6.371946	.1248123
Stddev	.048093	.01866	.005756	.0005693	.02595	.007608	.0011889
%RSD	.6001177	.1350014	.8628140	2.714296	.2525332	.1194013	.9525571

#1	8.061239	13.82150	-.673801	.0203553	10.30379	6.375021	.1242332
#2	7.965084	13.84549	-.663426	.0210970	10.27346	6.377535	.1261798
#3	8.015216	13.80872	-.664292	.0214743	10.25215	6.363281	.1240240

Sample Name: I5318-09 Acquired: 9/27/2017 19:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.768098	.0522697	.4966555
Stddev	.007802	.0003136	.0007517
%RSD	.4412828	.5999077	.1513550

#1	1.759273	.0526237	.4958205
#2	1.770944	.0520269	.4968674
#3	1.774078	.0521584	.4972785

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	734.6494	1308.331	34280.36	12012.36	2178.425
Stddev	4.5011	4.543	129.25	26.60	4.550
%RSD	.6126830	.3472538	.3770249	.2214462	.2088629

#1	734.7908	1305.126	34262.62	12010.60	2173.863
#2	730.0793	1313.530	34160.90	11986.69	2178.450
#3	739.0781	1306.336	34417.56	12039.80	2182.962

Sample Name: I5318-10 Acquired: 9/27/2017 19:05:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5957758	-.052660	3.351279	-.007131	.0172532	70.32477	2.637541
Stddev	.0051139	.005662	.017536	.002800	.0035644	.14155	.002877
%RSD	.8583599	10.75224	.5232758	39.25814	20.65920	.2012798	.1090780

#1	.5966659	-.053480	3.334227	-.009928	.0134060	70.22250	2.638175
#2	.6003863	-.057867	3.350347	-.004329	.0179103	70.26548	2.640048
#3	.5902753	-.046632	3.369263	-.007137	.0204434	70.48632	2.634400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137587	.0328108	454.1698	.1474519	.1312696	1.860660	300.4921
Stddev	.0000854	.0000117	1.0963	.0005017	.0005874	.005880	1.0763
%RSD	.6208257	.0356887	.2413945	.3402185	.4474919	.3160048	.3581727

#1	.0138504	.0328240	453.7355	.1479145	.1306944	1.858267	299.6912
#2	.0136813	.0328065	453.3571	.1469187	.1312459	1.856354	300.0695
#3	.0137443	.0328018	455.4167	.1475225	.1318685	1.867359	301.7155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.374857	92.75577	.3498207	.0112768	2.786353	.2525554	4.292024
Stddev	.012318	.49184	.0005927	.0001996	.013917	.0012682	.028610
%RSD	.1670215	.5302504	.1694274	1.770033	.4994862	.5021596	.6665954

#1	7.364883	92.34809	.3501009	.0112838	2.780300	.2512003	4.286861
#2	7.371063	92.61718	.3502213	.0110738	2.776488	.2527519	4.266346
#3	7.388625	93.30203	.3491398	.0114728	2.802272	.2537138	4.322864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.25830	14.41850	-.783974	.0332917	10.42755	7.036347	.1830418
Stddev	.02293	.03411	.004133	.0005326	.03400	.030554	.0032807
%RSD	.1870553	.2365890	.5271782	1.599932	.3261070	.4342369	1.792305

#1	12.25968	14.41239	-.780414	.0328621	10.42427	7.038254	.1859264
#2	12.23471	14.38786	-.783002	.0338877	10.39530	7.004884	.1837259
#3	12.28051	14.45526	-.788507	.0331253	10.46307	7.065904	.1794730

Sample Name: I5318-10 Acquired: 9/27/2017 19:05:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.361841	.0758084	.4500767
Stddev	.004483	.0001245	.0002447
%RSD	.3291738	.1641863	.0543710

#1	1.360285	.0759191	.4498020
#2	1.358343	.0756737	.4501567
#3	1.366894	.0758324	.4502714

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.7257	1369.085	35891.79	12743.86	2087.750
Stddev	6.1142	3.547	52.75	56.63	2.491
%RSD	.7974436	.2591069	.1469559	.4443474	.1193362

#1	765.4573	1366.007	35921.39	12769.19	2088.029
#2	773.3746	1368.284	35830.90	12783.39	2090.090
#3	761.3451	1372.965	35923.10	12678.98	2085.131

Sample Name: I5318-11 Acquired: 9/27/2017 19:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2850443	-.060010	3.261975	-.012709	.0112180	71.26242	2.190336
Stddev	.0095224	.007106	.008787	.002171	.0024404	.16378	.007870
%RSD	3.340682	11.84069	.2693817	17.08068	21.75413	.2298321	.3593096

#1	.2908088	-.067830	3.255736	-.013023	.0088268	71.25114	2.194599
#2	.2902710	-.053950	3.272024	-.010399	.0111223	71.10456	2.181254
#3	.2740531	-.058251	3.258165	-.014706	.0137048	71.43155	2.195156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106699	.0263704	612.0304	.1877929	.1169553	1.977430	281.5430
Stddev	.0001590	.0002320	3.0997	.0010461	.0002330	.008773	1.3673
%RSD	1.490026	.8798789	.5064554	.5570622	.1992380	.4436370	.4856488

#1	.0105177	.0264404	612.0410	.1889858	.1169072	1.977585	280.2904
#2	.0108349	.0265593	615.1247	.1870318	.1172086	1.968581	283.0016
#3	.0106571	.0261114	608.9254	.1873613	.1167501	1.986124	281.3370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.424966	102.9836	.3062803	.0121287	2.278755	.2134568	3.210232
Stddev	.035891	.4131	.0009901	.0002967	.080393	.0029598	.014119
%RSD	.4260133	.4011643	.3232736	2.446694	3.527938	1.386616	.4398152

#1	8.427456	102.5562	.3061358	.0119623	2.371585	.2108697	3.193957
#2	8.459547	103.0137	.3053704	.0124713	2.232146	.2128162	3.219209
#3	8.387894	103.3808	.3073347	.0119525	2.232535	.2166844	3.217530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70631	11.94416	-.766010	.0168258	7.559024	4.391450	.4250403
Stddev	.05624	.06931	.005956	.0006266	.026151	.015118	.0073585
%RSD	.4804489	.5802689	.7775645	3.723955	.3459562	.3442527	1.731254

#1	11.75636	11.88181	-.772255	.0167902	7.531582	4.403315	.4288711
#2	11.64544	11.93187	-.760393	.0162178	7.583657	4.396607	.4296931
#3	11.71712	12.01878	-.765380	.0174695	7.561834	4.374429	.4165566

Sample Name: I5318-11 Acquired: 9/27/2017 19:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.075283	.0811207	.3816642
Stddev	.001143	.0006061	.0008524
%RSD	.1063246	.7471624	.2233470

#1	1.076264	.0816388	.3823477
#2	1.075556	.0804542	.3807091
#3	1.074027	.0812692	.3819359

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.8863	1357.610	35708.23	12729.94	2035.508
Stddev	4.8025	9.397	43.88	24.25	9.863
%RSD	.6246006	.6922021	.1228966	.1904728	.4845569

#1	774.3989	1346.898	35659.90	12710.53	2024.123
#2	766.6508	1364.465	35745.59	12722.16	2040.933
#3	765.6090	1361.468	35719.21	12757.12	2041.469

Sample Name: I5318-12 Acquired: 9/27/2017 19:13:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1921204	-.040981	16.63434	-.009944	.0167355	82.06136	5.217526
Stddev	.0012078	.004379	.04719	.004480	.0006612	.30104	.012265
%RSD	.6286738	10.68638	.2837046	45.04984	3.950630	.3668528	.2350783

#1	.1914458	-.046006	16.57988	-.012801	.0174827	82.40757	5.231624
#2	.1914005	-.037982	16.65997	-.012251	.0162262	81.86121	5.209308
#3	.1935148	-.038954	16.66317	-.004781	.0164977	81.91531	5.211645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096676	.0199400	635.3171	.1724334	.1015635	1.709870	223.6219
Stddev	.0002703	.0002495	2.6364	.0003301	.0001786	.003462	.9902
%RSD	2.796447	1.251229	.4149764	.1914317	.1758571	.2024670	.4427812

#1	.0099676	.0201180	636.6372	.1721155	.1016686	1.713864	224.5926
#2	.0094429	.0196549	632.2814	.1724103	.1013573	1.708016	222.6134
#3	.0095921	.0200473	637.0327	.1727744	.1016647	1.707730	223.6597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.771831	95.45939	.2608844	.0092281	2.099736	.2626401	3.552026
Stddev	.027699	.49965	.0020101	.0001342	.080167	.0024399	.046228
%RSD	.3157758	.5234208	.7704967	1.454044	3.817944	.9289965	1.301450

#1	8.790490	95.90630	.2586062	.0091103	2.175475	.2608780	3.531303
#2	8.740004	94.91993	.2616386	.0093742	2.015776	.2616172	3.604990
#3	8.784998	95.55193	.2624083	.0091998	2.107958	.2654249	3.519786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.12061	13.95161	-.577775	.0112479	5.957326	4.613665	.3234436
Stddev	.07269	.04791	.003322	.0001926	.041596	.025472	.0024647
%RSD	.5997347	.3433854	.5749853	1.712598	.6982397	.5520927	.7620288

#1	12.20347	13.90116	-.581276	.0114505	5.916010	4.637725	.3227931
#2	12.06758	13.95719	-.574666	.0112261	5.999197	4.586984	.3261684
#3	12.09078	13.99648	-.577384	.0110671	5.956771	4.616286	.3213694

Sample Name: I5318-12 Acquired: 9/27/2017 19:13:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8256067	.0883440	.3978535
Stddev	.0014277	.0002603	.0011201
%RSD	.1729266	.2946813	.2815451

#1	.8271428	.0886344	.3991237
#2	.8253567	.0881316	.3970072
#3	.8243204	.0882659	.3974295

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	777.5650	1383.872	36018.09	12698.42	2029.648
Stddev	8.3317	6.636	153.53	83.05	3.880
%RSD	1.071514	.4795548	.4262609	.6539868	.1911660

#1	775.5761	1377.000	35997.13	12607.05	2031.559
#2	770.4078	1390.245	35876.12	12769.30	2032.202
#3	786.7112	1384.372	36181.03	12718.92	2025.183

Sample Name: I5318-13 Acquired: 9/27/2017 19:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830686	-.021042	2.649191	.0020172	.0053504	72.54154	1.399329
Stddev	.0039704	.003277	.005275	.0027993	.0005357	.14565	.002035
%RSD	4.779604	15.57178	.1991101	138.7717	10.01143	.2007772	.1454541

#1	.0785251	-.023372	2.655214	.0041040	.0054309	72.60097	1.401069
#2	.0858706	-.017296	2.645395	.0031117	.0058412	72.37557	1.397091
#3	.0848101	-.022459	2.646965	-.001164	.0047790	72.64807	1.399828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056783	.0125781	139.5703	.1396938	.0664296	.6652145	144.7541
Stddev	.0000772	.0000220	.9000	.0013335	.0004911	.0012020	.4917
%RSD	1.360339	.1748189	.6448149	.9545971	.7392875	.1806903	.3396533

#1	.0057416	.0125552	138.9949	.1387232	.0663955	.6657036	144.5205
#2	.0055922	.0125990	139.1086	.1391437	.0659564	.6638451	144.4227
#3	.0057009	.0125802	140.6074	.1412143	.0669368	.6660948	145.3190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.900906	51.90296	.2103093	.0056483	1.232647	.1787081	1.812006
Stddev	.037546	.18179	.0005814	.0001020	.050181	.0006743	.018345
%RSD	.6362806	.3502573	.2764607	1.805546	4.071004	.3772891	1.012402

#1	5.876278	51.92564	.2096425	.0057125	1.286779	.1780491	1.799210
#2	5.882319	51.71089	.2107104	.0055307	1.187679	.1793966	1.833024
#3	5.944120	52.07234	.2105749	.0057016	1.223484	.1786787	1.803785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.598807	17.26087	-.358248	.0062749	6.593271	3.950111	.0808810
Stddev	.043100	.07138	.003486	.0002360	.025116	.026282	.0009002
%RSD	.5012349	.4135238	.9731323	3.760901	.3809384	.6653437	1.112968

#1	8.632069	17.20198	-.361073	.0060030	6.564270	3.960077	.0818903
#2	8.550116	17.34025	-.354352	.0064263	6.607671	3.920303	.0805915
#3	8.614237	17.24039	-.359319	.0063954	6.607873	3.969952	.0801612

Sample Name: I5318-13 Acquired: 9/27/2017 19:17:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8241823	.0598588	.1442789
Stddev	.0025065	.0003709	.0001760
%RSD	.3041194	.6196180	.1219738

#1	.8222222	.0595995	.1443637
#2	.8233181	.0596932	.1440766
#3	.8270066	.0602836	.1443964

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.7840	1436.497	37592.66	12960.89	2321.762
Stddev	7.4424	12.621	176.63	42.52	10.532
%RSD	.9224805	.8786024	.4698479	.3280953	.4536355

#1	807.5552	1422.337	37560.34	12919.95	2310.008
#2	798.9860	1440.593	37434.42	13004.84	2324.932
#3	813.8108	1446.562	37783.21	12957.87	2330.345

Sample Name: I5318-14 Acquired: 9/27/2017 19:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790467	-.029316	3.180496	-.001563	.0079262	85.53002	1.575248
Stddev	.0022473	.002687	.006204	.000311	.0008060	.10467	.002511
%RSD	2.843029	9.164079	.1950720	19.92397	10.16839	.1223729	.1593967

#1	.0766637	-.027777	3.178969	-.001445	.0069966	85.42323	1.577886
#2	.0811278	-.027752	3.187321	-.001328	.0084286	85.63243	1.574971
#3	.0793486	-.032418	3.175198	-.001916	.0083534	85.53441	1.572887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062438	.0140439	159.8765	.1405863	.0762178	.6390799	163.4657
Stddev	.0002251	.0005224	.9586	.0008729	.0007851	.0034773	.9198
%RSD	3.605189	3.719564	.5995624	.6209058	1.030103	.5441141	.5626923

#1	.0060549	.0135788	158.9659	.1396754	.0754882	.6418703	162.4123
#2	.0061837	.0146090	159.7870	.1414155	.0761167	.6401850	164.1101
#3	.0064929	.0139439	160.8767	.1406680	.0770486	.6351843	163.8747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.519761	56.12134	.2202964	.0062346	1.441883	.2049363	1.790155
Stddev	.029453	.27147	.0002487	.0001427	.023834	.0028860	.019483
%RSD	.3916698	.4837160	.1129068	2.288877	1.652959	1.408265	1.088321

#1	7.492852	56.01620	.2205835	.0063347	1.428922	.2027753	1.783752
#2	7.515205	56.42965	.2201464	.0060712	1.427338	.2082138	1.774680
#3	7.551226	55.91817	.2201592	.0062980	1.469389	.2038199	1.812034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.618477	17.24685	-.415513	.0062490	5.252125	9.511465	.0674805
Stddev	.023682	.04272	.002984	.0000545	.043733	.046130	.0013774
%RSD	.2747830	.2476771	.7181039	.8712947	.8326666	.4849915	2.041233

#1	8.638779	17.25808	-.412623	.0062013	5.232525	9.458383	.0688904
#2	8.624190	17.28283	-.415333	.0062375	5.302229	9.541834	.0661380
#3	8.592460	17.19964	-.418583	.0063084	5.221621	9.534179	.0674132

Sample Name: I5318-14 Acquired: 9/27/2017 19:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.108030	.0677777	.1535562
Stddev	.004233	.0002417	.0002427
%RSD	.3820545	.3565911	.1580388

#1	1.103185	.0680556	.1532806
#2	1.109892	.0676611	.1537379
#3	1.111014	.0676165	.1536501

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	821.5662	1470.623	38056.83	13204.98	2298.356
Stddev	7.9057	8.410	178.54	17.44	8.734
%RSD	.9622759	.5718418	.4691497	.1320665	.3799986

#1	813.2904	1463.410	37851.82	13190.53	2288.327
#2	829.0409	1479.860	38178.20	13200.05	2304.292
#3	822.3671	1468.599	38140.48	13224.35	2302.448

Sample Name: I5318-15 Acquired: 9/27/2017 19:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977618	-.024661	4.217518	-.003935	.0082732	79.24318	1.856173
Stddev	.0052350	.004534	.011531	.004067	.0015321	.05215	.002722
%RSD	5.354898	18.38507	.2734017	103.3372	18.51857	.0658088	.1466189

#1	.1035823	-.021964	4.228433	-.006309	.0100201	79.25222	1.853195
#2	.0962647	-.029895	4.218665	.000760	.0071577	79.29022	1.856791
#3	.0934384	-.022123	4.205457	-.006258	.0076419	79.18710	1.858532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067319	.0164366	223.7213	.1463163	.0760695	.6453333	174.1129
Stddev	.0001446	.0002495	.3975	.0004584	.0003274	.0017628	.3250
%RSD	2.148489	1.517836	.1776954	.3132963	.4303238	.2731651	.1866420

#1	.0067952	.0165285	224.1267	.1459063	.0759178	.6447614	174.4265
#2	.0068341	.0166271	223.3321	.1468112	.0758455	.6439274	174.1347
#3	.0065664	.0161542	223.7050	.1462312	.0764451	.6473111	173.7777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.310517	54.49373	.2178469	.0064143	1.581172	.2001800	1.846437
Stddev	.003280	.09730	.0005938	.0000379	.034303	.0004286	.009553
%RSD	.0519769	.1785556	.2725930	.5910238	2.169439	.2141273	.5173817

#1	6.313897	54.60288	.2175111	.0064097	1.613693	.1998322	1.852848
#2	6.307346	54.46222	.2185325	.0063789	1.545330	.2006589	1.835458
#3	6.310308	54.41609	.2174970	.0064543	1.584493	.2000490	1.851006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.640060	18.70686	-.453353	.0075537	5.208448	4.070768	.1057928
Stddev	.013178	.03985	.002157	.0006233	.001447	.030355	.0014509
%RSD	.1724909	.2130281	.4758456	8.251101	.0277806	.7456791	1.371482

#1	7.626753	18.69599	-.455843	.0073769	5.209799	4.103597	.1043756
#2	7.640321	18.67357	-.452057	.0082462	5.208623	4.064990	.1057276
#3	7.653106	18.75102	-.452158	.0070379	5.206921	4.043718	.1072753

Sample Name: I5318-15 Acquired: 9/27/2017 19:25:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9266158	.0652292	.2274244
Stddev	.0013460	.0000785	.0001534
%RSD	.1452572	.1203890	.0674614

#1	.9251417	.0652146	.2274232
#2	.9269262	.0651590	.2272716
#3	.9277794	.0653140	.2275785

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	808.5506	1437.535	37170.38	12961.27	2283.614
Stddev	2.3732	1.853	96.02	71.94	2.580
%RSD	.2935182	.1289101	.2583233	.5550347	.1129732

#1	806.0001	1437.779	37132.20	12880.01	2286.387
#2	810.6939	1439.255	37099.32	12986.98	2281.284
#3	808.9580	1435.573	37279.61	13016.82	2283.170

Sample Name: CCV083 Acquired: 9/27/2017 19:29:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.844405	4.741823	24.29918	4.720049	4.773746	390.0895
Stddev	.009492	.027032	.03423	.007128	.008451	3.1628
%RSD	.1959425	.5700684	.1408754	.1510211	.1770239	.8107973

#1	4.838448	4.753669	24.31182	4.712159	4.770433	393.2054
#2	4.839415	4.710890	24.26042	4.721965	4.783351	390.1813
#3	4.855351	4.760908	24.32529	4.726024	4.767453	386.8817

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.789555	.5233312	2.527737	411.0703	15.50638	2.481851
Stddev	.077293	.0015050	.006880	1.5402	.01177	.001457
%RSD	.7895477	.2875784	.2721661	.3746853	.0758946	.0587054

#1	9.733275	.5239229	2.532000	411.6390	15.49526	2.480951
#2	9.877683	.5244505	2.519800	409.3265	15.51870	2.481070
#3	9.757705	.5216203	2.531410	412.2452	15.50518	2.483532

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87846	401.8901	15.04784	401.6226	2.445257	1.310716
Stddev	.06112	1.1797	.04636	.8551	.005514	.002900
%RSD	.4107640	.2935296	.3081094	.2129049	.2255154	.2212770

#1	14.87915	403.2493	15.09266	402.4573	2.446977	1.307374
#2	14.93922	401.1323	15.00007	401.6619	2.439088	1.312578
#3	14.81700	401.2887	15.05078	400.7485	2.449707	1.312196

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.8852	2.460377	13.82730	150.3549	F 1.998158	F 4.283586
Stddev	1.3295	.014001	.04626	.4922	.000994	.012530
%RSD	.3375387	.5690413	.3345625	.3273415	.0497414	.2925056

#1	394.3660	2.476502	13.81292	150.2496	1.998984	4.286273
#2	394.9074	2.451311	13.78994	150.8912	1.998437	4.294554
#3	392.3822	2.453319	13.87905	149.9239	1.997055	4.269931

Sample Name: CCV083 Acquired: 9/27/2017 19:29:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.752886	5.119183	5.129308	4.916344	4.994087	3.503451
Stddev	.002490	.025686	.011728	.019888	.010013	.018024
%RSD	.0523804	.5017622	.2286545	.4045265	.2005048	.5144501

#1	4.750850	5.125110	5.141595	4.927554	5.005389	3.502044
#2	4.755662	5.091051	5.128095	4.893382	4.990550	3.522137
#3	4.752147	5.141387	5.118233	4.928097	4.986323	3.486173

Elem	Sr4077
Units	ppm
Avg	3.568040
Stddev	.006828
%RSD	.1913772

#1	3.569971
#2	3.560454
#3	3.573695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	608.5704	1085.524	28277.32	10270.35	1857.351
Stddev	1.0394	1.688	31.87	24.13	.683
%RSD	.1707878	.1554883	.1126941	.2349239	.0367558

#1	609.3777	1086.211	28262.79	10242.56	1857.366
#2	608.9359	1083.601	28313.87	10285.96	1856.661
#3	607.3977	1086.759	28255.31	10282.52	1858.026

Sample Name: CCB083 Acquired: 9/27/2017 19:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025386	.0014408	-.000089	-.000196	.0003045	.0199044	-.000063
Stddev	.0032764	.0032813	.001444	.001745	.0009979	.0027547	.000331
%RSD	129.0647	227.7362	1615.962	892.4599	327.7522	13.83942	524.2446

#1	-.001162	.0001531	-.001301	.000659	-.000385	.0228234	-.000169
#2	.003710	.0051706	-.000476	-.002203	.001449	.0195393	.000307
#3	.005069	-.001001	.001509	.000958	-.000150	.0173505	-.000328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.000026	.0315296	-.000015	.0002087	.0008577	.0291923
Stddev	.000035	.000068	.0115895	.000325	.0001827	.0002612	.0064304
%RSD	60.97520	257.8489	36.75761	2108.599	87.53017	30.44926	22.02766

#1	-.000047	-.000095	.0440880	-.000019	.0002953	.0011119	.0364312
#2	-.000097	.000040	.0212464	-.000338	-.000001	.0005901	.0241415
#3	-.000029	-.000023	.0292544	.000311	.000332	.0008712	.0270042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009871	.0382328	-.000369	.0000181	.0337251	-.000065	.0034313
Stddev	.0002205	.0097171	.000151	.0001874	.0131148	.000501	.0022413
%RSD	22.34233	25.41557	40.90585	1034.108	38.88726	776.0358	65.31984

#1	.0011466	.0438460	-.000305	.0001234	.0425374	.000046	.0008670
#2	.0010793	.0438400	-.000541	.0001292	.0399846	-.000612	.0044106
#3	.0007355	.0270125	-.000260	-.000198	.0186534	.000372	.0050164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182117	.0029747	.0085686	.0008841	-.002731	.0018601	-.002169
Stddev	.0234984	.0009130	.0012576	.0004378	.003571	.0014887	.001151
%RSD	129.0295	30.69376	14.67753	49.51539	130.7788	80.03159	53.06101

#1	.0393212	.0039986	.0076185	.0013870	.001315	.0014291	-.002169
#2	-.007107	.0022451	.0080924	.0005885	-.004063	.0035168	-.001018
#3	.022421	.0026805	.0099948	.0006768	-.005444	.0006346	-.003321

Sample Name: CCB083 Acquired: 9/27/2017 19:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003797	.0000874	.0001348
Stddev	.0002569	.0001721	.0000457
%RSD	67.66198	196.7874	33.93823

#1	.0004411	.0002508	.0001844
#2	.0006005	.0001036	.0001255
#3	.0000977	-.000092	.0000943

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	770.2807	1365.495	34289.29	11180.99	2808.341
Stddev	2.7713	1.491	65.02	21.79	4.611
%RSD	.3597739	.1092126	.1896237	.1948676	.1641895

#1	772.0314	1363.793	34363.12	11164.85	2812.105
#2	771.7250	1366.119	34264.18	11172.35	2803.198
#3	767.0856	1366.573	34240.57	11205.78	2809.720

Sample Name: I5318-16 Acquired: 9/27/2017 19:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1318259	-.024206	10.47916	.0004364	.0102789	93.63058	3.168543
Stddev	.0016710	.005886	.01992	.0050884	.0016831	.21877	.007246
%RSD	1.267599	24.31815	.1900602	1165.970	16.37451	.2336550	.2286699

#1	.1328372	-.020001	10.46032	-.004505	.0094414	93.85367	3.176233
#2	.1327434	-.021684	10.47717	.000155	.0091788	93.62167	3.161844
#3	.1298971	-.030933	10.50000	.005660	.0122165	93.41640	3.167553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103077	.0262368	244.9014	.2322973	.1026245	1.031687	177.5155
Stddev	.0000534	.0002640	.5718	.0003418	.0004169	.003341	.1779
%RSD	.5177763	1.006359	.2334999	.1471547	.4062743	.3238193	.1002195

#1	.0103501	.0259344	244.4292	.2321478	.1029915	1.035535	177.7137
#2	.0102478	.0264218	244.7377	.2320557	.1021712	1.030005	177.4635
#3	.0103252	.0263542	245.5372	.2326884	.1027107	1.029521	177.3695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.520994	68.00524	.3104071	.0103425	2.257076	.2583378	3.964534
Stddev	.009402	.27526	.0008820	.0001561	.072087	.0012331	.014325
%RSD	.1702921	.4047661	.2841492	1.509039	3.193837	.4773349	.3613258

#1	5.530792	68.14138	.3095169	.0103104	2.317187	.2592133	3.975124
#2	5.512046	68.18590	.3104236	.0105121	2.276886	.2588725	3.948235
#3	5.520143	67.68843	.3112807	.0102049	2.177155	.2569275	3.970244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97983	24.71217	-.430867	.0142270	6.557627	3.885832	.2433900
Stddev	.03266	.11159	.001017	.0002241	.056429	.007010	.0024565
%RSD	.2974929	.4515684	.2361120	1.575099	.8605114	.1803981	1.009299

#1	10.99958	24.60400	-.431898	.0141054	6.497051	3.893719	.2405536
#2	10.99778	24.82690	-.429864	.0140900	6.608703	3.880312	.2447875
#3	10.94212	24.70562	-.430840	.0144856	6.567126	3.883464	.2448291

Sample Name: I5318-16 Acquired: 9/27/2017 19:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8722947	.0882826	.4041899
Stddev	.0005651	.0003634	.0007844
%RSD	.0647859	.4116202	.1940561

#1	.8729467	.0886888	.4050868
#2	.8719929	.0881707	.4038506
#3	.8719446	.0879884	.4036324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	811.7452	1443.260	37543.29	13037.98	2233.961
Stddev	2.9205	2.726	59.06	48.19	2.139
%RSD	.3597811	.1889062	.1573159	.3696146	.0957678

#1	808.4083	1440.371	37483.04	12986.43	2231.550
#2	812.9914	1443.622	37601.09	13045.62	2234.699
#3	813.8359	1445.787	37545.75	13081.90	2235.633

Sample Name: I5318-17 Acquired: 9/27/2017 19:41:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1288076	-.029337	13.13348	.0033051	.0065283	95.33706	2.757324
Stddev	.0038895	.003712	.04533	.0027705	.0008843	.10816	.003199
%RSD	3.019642	12.65239	.3451277	83.82420	13.54577	.1134522	.1160292

#1	.1313783	-.033101	13.08726	.0009747	.0068155	95.44330	2.755833
#2	.1307116	-.029230	13.13531	.0063683	.0072333	95.34080	2.760997
#3	.1243329	-.025680	13.17786	.0025722	.0055361	95.22708	2.755143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091718	.0214793	334.0943	.2388660	.0949798	1.099804	165.6224
Stddev	.0000779	.0001635	.8408	.0008564	.0010536	.005094	.9109
%RSD	.8494090	.7612761	.2516523	.3585177	1.109313	.4631522	.5499820

#1	.0091880	.0212971	334.9379	.2389996	.0938399	1.096435	166.6349
#2	.0092404	.0215277	333.2564	.2396477	.0959181	1.105664	164.8695
#3	.0090871	.0216132	334.0887	.2379506	.0951812	1.097312	165.3627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.681931	81.01387	.2812514	.0103979	2.088293	.2494422	3.201125
Stddev	.020325	.41353	.0022416	.0002192	.045919	.0032479	.041659
%RSD	.3577133	.5104400	.7970226	2.108517	2.198885	1.302063	1.301383

#1	5.693575	81.46266	.2787404	.0105941	2.129885	.2531247	3.232791
#2	5.693757	80.64825	.2819626	.0104383	2.039017	.2469857	3.153933
#3	5.658462	80.93071	.2830511	.0101613	2.095978	.2482163	3.216652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.14492	26.87417	-.395018	.0103915	6.608859	3.140257	.2140536
Stddev	.04144	.19818	.002972	.0003879	.044469	.001901	.0031650
%RSD	.3411937	.7374256	.7524361	3.732696	.6728648	.0605368	1.478591

#1	12.12018	26.66224	-.398447	.0108389	6.557514	3.138149	.2145820
#2	12.19276	26.90538	-.393177	.0101853	6.634052	3.140782	.2106576
#3	12.12183	27.05489	-.393430	.0101502	6.635012	3.141841	.2169211

Sample Name: I5318-17 Acquired: 9/27/2017 19:41:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7541087	.0975871	.3948818
Stddev	.0021733	.0004305	.0007655
%RSD	.2881942	.4410992	.1938514

#1	.7519517	.0971085	.3951083
#2	.7562980	.0979425	.3955085
#3	.7540765	.0977104	.3940286

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	807.6958	1418.611	37087.38	12962.37	2162.937
Stddev	6.9345	5.255	117.91	54.24	.196
%RSD	.8585543	.3704424	.3179286	.4184572	.0090594

#1	801.7301	1413.170	37016.52	12915.06	2163.160
#2	815.3042	1419.003	37223.49	12950.47	2162.793
#3	806.0530	1423.658	37022.12	13021.57	2162.858

Sample Name: I5318-18 Acquired: 9/27/2017 19:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1782286	-.032616	2.593552	.0025753	.0121246	59.52142	2.510739
Stddev	.0063042	.006002	.009160	.0039342	.0022607	.09499	.004390
%RSD	3.537143	18.40216	.3531813	152.7667	18.64579	.1595956	.1748576

#1	.1732939	-.030192	2.595822	.0069981	.0146854	59.62995	2.515483
#2	.1760613	-.039451	2.583471	.0012620	.0104051	59.45336	2.509914
#3	.1853305	-.028205	2.601364	-.000534	.0112834	59.48095	2.506820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088835	.0195657	446.0136	.1654299	.0837300	1.049273	204.0272
Stddev	.0000759	.0002127	2.0677	.0008193	.0004226	.002951	.5851
%RSD	.8540759	1.087181	.4635890	.4952468	.5046803	.2812889	.2867867

#1	.0089586	.0195006	443.7252	.1659005	.0833947	1.052575	203.8586
#2	.0088068	.0198034	446.5682	.1659052	.0835907	1.048353	203.5448
#3	.0088852	.0193932	447.7474	.1644838	.0842046	1.046891	204.6781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.615313	204.1075	.3614983	.0084412	1.970586	.1964582	2.195460
Stddev	.016418	.3010	.0006331	.0003991	.036682	.0025256	.024127
%RSD	.2923795	.1474798	.1751345	4.727384	1.861463	1.285549	1.098944

#1	5.596653	204.3874	.3618885	.0087452	1.928464	.1947506	2.193877
#2	5.621746	203.7891	.3607678	.0079894	1.987796	.1952646	2.172163
#3	5.627541	204.1458	.3618386	.0085891	1.995498	.1993593	2.220339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.818494	17.20509	-.487084	.0183068	12.88349	4.405017	.1116401
Stddev	.052017	.07253	.002780	.0001062	.05476	.009571	.0040289
%RSD	.5297892	.4215882	.5706558	.5799089	.4250630	.2172808	3.608833

#1	9.859419	17.14114	-.484615	.0183101	12.84022	4.403196	.1071277
#2	9.836107	17.19021	-.486542	.0181991	12.86519	4.396487	.1148763
#3	9.759957	17.28391	-.490095	.0184113	12.94506	4.415368	.1129166

Sample Name: I5318-18 Acquired: 9/27/2017 19:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.060347	.0636280	.3626525
Stddev	.001138	.0002288	.0003938
%RSD	.1073517	.3596474	.1085982

#1	1.059793	.0638887	.3630842
#2	1.061657	.0635352	.3625605
#3	1.059592	.0634601	.3623129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	737.2928	1306.118	34588.65	12105.49	2098.021
Stddev	4.0336	3.412	27.70	15.36	3.590
%RSD	.5470763	.2612490	.0800774	.1268540	.1711040

#1	738.8301	1302.786	34557.90	12088.22	2095.122
#2	740.3317	1309.605	34596.42	12110.68	2102.036
#3	732.7167	1305.962	34611.63	12117.59	2096.904

Sample Name: I5318-19 Acquired: 9/27/2017 19:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2937589	-.047930	3.541017	-.004000	.0197232	68.98966	1.826253
Stddev	.0051801	.003665	.012771	.004535	.0013654	.10959	.001595
%RSD	1.763380	7.646824	.3606668	113.3718	6.922760	.1588436	.0873291

#1	.2986017	-.049635	3.533957	-.008660	.0187340	68.91048	1.826524
#2	.2943779	-.043723	3.533336	-.003741	.0191545	69.11473	1.827695
#3	.2882971	-.050431	3.555760	.000400	.0212810	68.94376	1.824540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135465	.0250587	349.0006	.1668381	.1124401	2.364072	300.8670
Stddev	.0002458	.0003395	1.3593	.0013250	.0006347	.006493	.6586
%RSD	1.814744	1.354777	.3894894	.7942149	.5644833	.2746493	.2189026

#1	.0132877	.0254420	347.5132	.1656066	.1130807	2.359117	300.1065
#2	.0135751	.0247958	349.3102	.1666675	.1118115	2.371422	301.2515
#3	.0137769	.0249382	350.1784	.1682402	.1124280	2.361676	301.2429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.682526	102.2897	.3231245	.0113775	3.012768	.2487281	3.401317
Stddev	.009709	.2026	.0006605	.0001216	.131767	.0032468	.026593
%RSD	.1708630	.1980513	.2043960	1.069136	4.373611	1.305365	.7818474

#1	5.671603	102.0769	.3227565	.0112520	3.105156	.2475922	3.426952
#2	5.690174	102.4802	.3227300	.0113854	2.861880	.2523902	3.373859
#3	5.685803	102.3119	.3238869	.0114949	3.071268	.2462017	3.403139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.354027	11.96542	-.764365	.0238168	10.54408	7.146166	.2731440
Stddev	.024120	.13095	.006297	.0004135	.11200	.048059	.0032126
%RSD	.2578561	1.094436	.8238794	1.736192	1.062171	.6725092	1.176166

#1	9.336189	12.04069	-.760280	.0241948	10.57486	7.094578	.2716555
#2	9.381470	11.81421	-.761198	.0238804	10.41992	7.154250	.2709456
#3	9.344424	12.04136	-.771617	.0233752	10.63747	7.189670	.2768309

Sample Name: I5318-19 Acquired: 9/27/2017 19:49:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE073 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.056280	.0558563	.5686827
Stddev	.005425	.0002448	.0008165
%RSD	.2638304	.4382919	.1435750

#1	2.050163	.0558165	.5684344
#2	2.060507	.0561186	.5695946
#3	2.058171	.0556338	.5680193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	753.0532	1338.413	35036.52	12264.25	2135.284
Stddev	10.4005	2.179	151.16	16.31	3.821
%RSD	1.381115	.1627748	.4314348	.1329480	.1789390

#1	741.0466	1339.252	34868.44	12281.24	2130.994
#2	758.8279	1335.939	35079.78	12248.73	2136.538
#3	759.2851	1340.047	35161.33	12262.78	2138.321

Sample Name: I5318-20 Acquired: 9/27/2017 19:53:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927928	-.024711	2.394613	.0013489	.0067389	75.94579	1.226564
Stddev	.0011362	.002031	.013147	.0016753	.0012204	.08750	.002137
%RSD	1.224420	8.219084	.5490292	124.2020	18.10939	.1152115	.1742016

#1	.0940662	-.025680	2.385049	-.000585	.0081057	75.93799	1.228061
#2	.0918827	-.026076	2.409605	.002259	.0063527	75.86245	1.227514
#3	.0924296	-.022377	2.389184	.002372	.0057584	76.03693	1.224117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062506	.0130400	204.3200	.1541986	.0672791	.5591590	154.4696
Stddev	.0001129	.0005144	1.2080	.0014791	.0003710	.0029227	.6257
%RSD	1.805988	3.944914	.5912214	.9591861	.5514190	.5226965	.4050940

#1	.0063270	.0131114	203.9320	.1549155	.0676895	.5613499	154.4200
#2	.0063039	.0135150	203.3536	.1524978	.0669676	.5602867	153.8702
#3	.0061210	.0124937	205.6743	.1551827	.0671801	.5558405	155.1188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.570247	70.92747	.2301445	.0062165	1.338776	.1851033	1.469873
Stddev	.010279	.06888	.0008289	.0001139	.063056	.0006341	.008093
%RSD	.2249092	.0971075	.3601869	1.832933	4.709969	.3425760	.5505697

#1	4.566006	70.84805	.2297508	.0061703	1.291678	.1854918	1.475680
#2	4.562767	70.96347	.2310970	.0061328	1.410412	.1854466	1.473310
#3	4.581968	70.97088	.2295859	.0063463	1.314238	.1843716	1.460629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.569760	15.88213	-.377465	.0064799	8.219112	4.018317	.0710020
Stddev	.045314	.08517	.002221	.0005104	.028571	.013525	.0010463
%RSD	.4735084	.5362472	.5885095	7.876227	.3476222	.3365883	1.473664

#1	9.615434	15.85164	-.375544	.0061644	8.207636	4.008794	.0698227
#2	9.569032	15.97835	-.376955	.0062065	8.251637	4.012358	.0718192
#3	9.524815	15.81641	-.379898	.0070687	8.198063	4.033798	.0713641

Sample Name: I5318-20 Acquired: 9/27/2017 19:53:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8221001	.0667157	.1781222
Stddev	.0023099	.0001865	.0002161
%RSD	.2809801	.2794795	.1213036

#1	.8236642	.0667830	.1783311
#2	.8194470	.0668592	.1781360
#3	.8231892	.0665050	.1778996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.3172	1408.547	37015.87	12751.99	2278.929
Stddev	10.3861	15.393	225.84	29.86	18.068
%RSD	1.304269	1.092821	.6101167	.2341262	.7928146

#1	788.7320	1407.591	36822.67	12717.53	2275.245
#2	792.0648	1393.654	36960.79	12768.19	2262.987
#3	808.1546	1424.395	37264.16	12770.24	2298.554

Sample Name: I5318-21 Acquired: 9/27/2017 19:57:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954487	-.025672	2.802728	.0013820	.0081522	80.38460	1.448506
Stddev	.0014877	.004098	.009282	.0027355	.0013081	.07949	.004050
%RSD	1.558665	15.96285	.3311701	197.9320	16.04602	.0988859	.2796254

#1	.0955871	-.023074	2.802094	-.000064	.0077505	80.46243	1.453158
#2	.0968623	-.030397	2.793779	.004537	.0070920	80.30354	1.446599
#3	.0938966	-.023547	2.812310	-.000327	.0096140	80.38782	1.445761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069276	.0146171	268.1861	.1500488	.0760342	.6097665	162.6299
Stddev	.0000425	.0004111	1.5358	.0014015	.0008532	.0044216	.5822
%RSD	.6141575	2.812819	.5726664	.9339990	1.122180	.7251318	.3580124

#1	.0068897	.0141922	266.5149	.1508815	.0751212	.6127785	161.9703
#2	.0069193	.0146460	269.5355	.1508342	.0761702	.6118306	162.8470
#3	.0069736	.0150130	268.5079	.1484308	.0768113	.6046902	163.0724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.577644	76.97215	.2252069	.0067022	1.550802	.1931818	1.429231
Stddev	.025590	.20346	.0007645	.0000723	.109501	.0022024	.008121
%RSD	.4588040	.2643238	.3394508	1.079548	7.060940	1.140082	.5681943

#1	5.554235	76.87109	.2243866	.0067019	1.638908	.1937944	1.435261
#2	5.604965	76.83901	.2253348	.0066300	1.428209	.1907379	1.419997
#3	5.573731	77.20635	.2258994	.0067747	1.585288	.1950131	1.432435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.851812	16.32085	-.412002	.0066566	9.828088	3.631833	.0899451
Stddev	.063687	.04984	.001604	.0002528	.029405	.007863	.0020249
%RSD	.6464467	.3053675	.3892287	3.798388	.2991977	.2165155	2.251288

#1	9.921605	16.34293	-.413830	.0065716	9.811871	3.640026	.0913976
#2	9.836983	16.26378	-.410833	.0069410	9.810362	3.631126	.0908057
#3	9.796848	16.35583	-.411344	.0064572	9.862031	3.624346	.0876321

Sample Name: I5318-21 Acquired: 9/27/2017 19:57:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7572488	.0752463	.2265431
Stddev	.0041757	.0005385	.0002727
%RSD	.5514303	.7156829	.1203904

#1	.7534496	.0758593	.2267153
#2	.7617196	.0748494	.2266854
#3	.7565771	.0750301	.2262286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	802.9982	1432.894	37328.88	13017.11	2222.082
Stddev	3.8623	3.832	66.17	19.87	4.772
%RSD	.4809836	.2674281	.1772564	.1526557	.2147455

#1	800.2441	1428.742	37297.13	13002.30	2219.057
#2	807.4131	1436.294	37404.94	13009.34	2227.583
#3	801.3374	1433.646	37284.58	13039.69	2219.607

Sample Name: I5318-22 Acquired: 9/27/2017 20:01:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049583	-.030019	2.988272	-.005723	.0081777	84.24923	1.622155
Stddev	.0042407	.003559	.008611	.000951	.0013670	.32889	.009445
%RSD	4.040399	11.85477	.2881571	16.61248	16.71619	.3903805	.5822586

#1	.1031980	-.034092	2.985160	-.004625	.0082760	84.61601	1.631943
#2	.1097956	-.028448	2.981649	-.006278	.0094929	83.98053	1.621428
#3	.1018811	-.027516	2.998006	-.006265	.0067642	84.15116	1.613095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072099	.0146246	445.2553	.1480132	.0816034	.5836769	173.9758
Stddev	.0000555	.0001788	1.0427	.0008789	.0009724	.0060176	.5657
%RSD	.7700918	1.222779	.2341838	.5937810	1.191609	1.030983	.3251569

#1	.0071760	.0144726	444.2210	.1488090	.0816978	.5899225	173.9357
#2	.0072740	.0145794	445.2387	.1470699	.0805873	.5831916	173.4313
#3	.0071797	.0148216	446.3063	.1481607	.0825252	.5779167	174.5605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.233415	99.51637	.2037864	.0074224	1.706134	.1890365	1.478263
Stddev	.013710	.50879	.0010324	.0003182	.076576	.0021763	.014107
%RSD	.2199426	.5112616	.5066101	4.286345	4.488281	1.151249	.9542792

#1	6.241077	100.0518	.2046995	.0070636	1.729190	.1910384	1.465725
#2	6.217586	99.0393	.2026661	.0075332	1.768533	.1893509	1.475528
#3	6.241580	99.4580	.2039936	.0076703	1.620679	.1867200	1.493537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04013	16.54371	-.437239	.0047460	6.796985	9.773779	.1091811
Stddev	.10606	.08528	.001350	.0004576	.029711	.049290	.0020773
%RSD	.9606514	.5154941	.3087874	9.641960	.4371223	.5043038	1.902591

#1	11.16200	16.60484	-.438796	.0044653	6.799574	9.827027	.1106570
#2	10.98964	16.44628	-.436533	.0052741	6.766064	9.729750	.1068057
#3	10.96876	16.58001	-.436388	.0044987	6.825317	9.764561	.1100807

Sample Name: I5318-22 Acquired: 9/27/2017 20:01:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE076 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8532625	.0826221	.3139461
Stddev	.0028198	.0009064	.0015705
%RSD	.3304739	1.097038	.5002311

#1	.8564602	.0836277	.3157337
#2	.8511323	.0823707	.3133162
#3	.8521949	.0818680	.3127884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	798.0510	1411.058	36597.95	12816.26	2105.776
Stddev	2.4506	5.536	147.02	47.53	8.133
%RSD	.3070672	.3923118	.4017063	.3708280	.3862423

#1	800.3107	1404.830	36540.65	12761.38	2098.019
#2	795.4461	1415.419	36488.21	12843.10	2114.240
#3	798.3962	1412.924	36764.98	12844.29	2105.070

Sample Name: PB102590BL Acquired: 9/27/2017 20:05:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0035733	.0027137	-.000083	-.002489	.0002779	.0004377	-.000158
Stddev	.0036613	.0017545	.000534	.003521	.0003596	.0004570	.000120
%RSD	102.4628	64.65336	640.9608	141.4472	129.4271	104.4153	75.81973

#1	.0077682	.0006962	-.000504	-.006314	.0000512	.0008299	-.000201
#2	.0019315	.0038827	.000518	-.001771	.0000899	.0005474	-.000023
#3	.0010203	.0035620	-.000264	.000617	.0006926	-.000064	-.000252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0000246	.0126558	-.000823	.0000375	.0004517	.0016026
Stddev	.000071	.0000976	.0075735	.000658	.0001908	.0002851	.0021249
%RSD	230.2982	397.1130	59.84240	80.02094	509.4144	63.13078	132.5915

#1	-.000032	-.000056	.0044441	-.000468	-.000183	.0007804	.0039119
#2	.000041	-.000003	.0193664	-.001583	.000143	.0003038	-.000270
#3	-.000101	.000133	.0141568	-.000418	.000152	.0002708	.001166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003943	.0113331	-.000028	.0001171	.0738615	-.000993	.0020813
Stddev	.0003689	.0135519	.000377	.0002537	.0805395	.001318	.0017806
%RSD	93.56026	119.5772	1338.885	216.6880	109.0412	132.7901	85.55279

#1	.0004561	.0048191	-.000134	-.000088	.1655767	-.001437	.0027724
#2	-.000002	.0022683	-.000341	.000038	.0413401	-.002031	.0034127
#3	.000728	.0269120	.000390	.000401	.0146677	.000490	.0000587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011562	.0018500	-.002067	-.000199	-.005681	.0011472	-.001804
Stddev	.012710	.0022261	.000351	.000071	.004358	.0011288	.001032
%RSD	109.9257	120.3292	16.97689	35.50755	76.71119	98.39820	57.19171

#1	-.024853	.0013295	-.002406	-.000126	-.006183	-.000156	-.000863
#2	.000472	-.000070	-.002090	-.000204	-.009766	.001789	-.002908
#3	-.010305	.004290	-.001705	-.000266	-.001094	.001809	-.001642

Sample Name: PB102590BL Acquired: 9/27/2017 20:05:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0008221	-.000787	-.000112
Stddev	.0002479	.000210	.000014
%RSD	30.15400	26.75321	12.68986

#1	.0011024	-.000918	-.000103
#2	.0006316	-.000898	-.000128
#3	.0007322	-.000544	-.000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	795.2853	1423.860	35272.66	11450.40	2919.647
Stddev	5.6323	2.502	307.67	66.01	7.279
%RSD	.7082133	.1757020	.8722667	.5764739	.2493095

#1	789.3954	1422.849	35002.24	11405.78	2919.485
#2	795.8416	1422.021	35208.32	11419.20	2912.451
#3	800.6188	1426.708	35607.41	11526.23	2927.006

Sample Name: PB102590BS Acquired: 9/27/2017 20:10:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0241710	.0567588	.0230914	.0634733	.1116516	.3732236
Stddev	.0034969	.0014725	.0014557	.0030207	.0031661	.0060372
%RSD	14.46741	2.594257	6.303926	4.759057	2.835670	1.617578

#1	.0274619	.0554101	.0230247	.0643724	.1116421	.3742724
#2	.0204992	.0583298	.0245793	.0659423	.1148224	.3786676
#3	.0245519	.0565364	.0216702	.0601051	.1084903	.3667307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3831449	.0115920	.0108451	9.709713	.0233349	.0933806
Stddev	.0027465	.0000812	.0002962	.045614	.0002133	.0021424
%RSD	.7168347	.7004514	2.731524	.4697771	.9140763	2.294274

#1	.3858629	.0116407	.0107958	9.657126	.0233062	.0921800
#2	.3803707	.0116370	.0111630	9.733435	.0231374	.0958541
#3	.3832010	.0114983	.0105767	9.738578	.0235611	.0921077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486000	.2444843	.0319360	9.903639	.0772741	.0191052
Stddev	.0014764	.0016594	.0009677	.044799	.0014285	.0002255
%RSD	3.037881	.6787324	3.030158	.4523496	1.848614	1.180111

#1	.0473388	.2463790	.0309033	9.863441	.0763007	.0189268
#2	.0482371	.2437842	.0328220	9.951934	.0789141	.0193586
#3	.0502240	.2432897	.0320826	9.895542	.0766076	.0190300

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.440867	.1034736	.0975396	9.030509	F .0327760	F .0214709
Stddev	.055661	.0033632	.0014529	.035966	.0053591	.0003529
%RSD	.5895709	3.250330	1.489597	.3982751	16.35061	1.643710

#1	9.424238	.1072192	.0979382	9.071998	.0267423	.0217854
#2	9.502946	.1007126	.0959289	9.008165	.0369825	.0210892
#3	9.395415	.1024890	.0987516	9.011365	.0346033	.0215380

Sample Name: PB102590BS Acquired: 9/27/2017 20:10:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) 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	.0212040	.1794359	.2027393	F .0111166	.1983700	.0472040
Stddev	.0008392	.0058715	.0017448	.0013056	.0010108	.0005464
%RSD	3.957537	3.272190	.8606148	11.74475	.5095628	1.157548

#1	.0206270	.1759128	.2014545	.0096094	.1982142	.0478213
#2	.0221667	.1862139	.2047257	.0118395	.1994497	.0470084
#3	.0208184	.1761810	.2020378	.0119009	.1974462	.0467824

Elem	Sr4077
Units	ppm
Avg	.1143950
Stddev	.0003530
%RSD	.3085495

#1	.1146796
#2	.1140001
#3	.1145055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.2423	1368.269	33893.86	11297.35	2741.710
Stddev	5.2297	30.863	158.31	9.86	59.294
%RSD	.6807408	2.255629	.4670632	.0872672	2.162658

#1	766.8987	1378.482	33937.00	11294.37	2764.096
#2	763.8155	1333.594	33718.45	11289.32	2674.482
#3	774.0128	1392.732	34026.12	11308.35	2786.552

Sample Name: I5378-01 Acquired: 9/27/2017 20:14:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396715	-.019249	.5181864	-.006707	.0030453	120.5013	.9847483
Stddev	.0032029	.001387	.0061932	.001952	.0010388	.0730	.0010228
%RSD	8.073478	7.204263	1.195171	29.10938	34.11305	.0605809	.1038634

#1	.0367192	-.019715	.5156373	-.004546	.0036722	120.4215	.9835878
#2	.0392185	-.020343	.5136746	-.007232	.0036175	120.5177	.9855185
#3	.0430767	-.017689	.5252474	-.008343	.0018461	120.5647	.9851385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078477	.0098582	7.437699	1.694155	.0728533	.1928392	211.5819
Stddev	.0002227	.0003690	.037532	.005293	.0002221	.0001713	.3382
%RSD	2.837314	3.743332	.5046172	.3124403	.3048880	.0888239	.1598644

#1	.0079044	.0094383	7.400070	1.700258	.0726062	.1926416	211.3502
#2	.0076022	.0101311	7.475133	1.691381	.0730363	.1929462	211.9701
#3	.0080365	.0100052	7.437894	1.690825	.0729175	.1929298	211.4255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.189014	21.91493	.1716989	.0065291	1.734499	.3654977	.7030504
Stddev	.006268	.03395	.0009990	.0002839	.060573	.0027082	.0074428
%RSD	.1965538	.1548993	.5818218	4.348495	3.492222	.7409620	1.058641

#1	3.188472	21.88169	.1726440	.0063208	1.668665	.3651700	.6956440
#2	3.195536	21.91354	.1706536	.0064140	1.746959	.3629683	.7105291
#3	3.183035	21.94954	.1717992	.0068524	1.787872	.3683549	.7029780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61265	5.660080	-.586162	.0035787	.9639315	10.38788	.0173033
Stddev	.04752	.032388	.000760	.0001538	.0088056	.05531	.0016534
%RSD	.4477929	.5722243	.1296813	4.297526	.9135144	.5324124	9.555649

#1	10.65220	5.661618	-.586936	.0037393	.9543920	10.43995	.0191775
#2	10.62583	5.626950	-.586134	.0035641	.9656537	10.39387	.0160507
#3	10.55993	5.691673	-.585417	.0034328	.9717489	10.32982	.0166817

Sample Name: I5378-01 Acquired: 9/27/2017 20:14:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3D5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.370789	.0503800	.0448207
Stddev	.005463	.0000756	.0000827
%RSD	.1620809	.1501407	.1845151

#1	3.366745	.0503053	.0448107
#2	3.377004	.0503781	.0449079
#3	3.368619	.0504566	.0447434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	849.1447	1508.032	38479.06	12988.90	2492.626
Stddev	4.5111	1.796	56.90	62.88	4.712
%RSD	.5312513	.1191060	.1478747	.4840941	.1890265

#1	854.0594	1507.338	38469.32	12966.26	2488.188
#2	848.1820	1510.072	38427.65	12940.48	2497.571
#3	845.1926	1506.687	38540.20	13059.97	2492.120

Sample Name: I5378-02 Acquired: 9/27/2017 20:18:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409655	-.014057	.3155592	-.006195	.0047538	125.3905	.8746728
Stddev	.0056784	.011889	.0017761	.002283	.0014176	.1885	.0023259
%RSD	13.86143	84.57875	.5628515	36.84720	29.82153	.1503669	.2659113

#1	.0363680	-.022886	.3167552	-.004001	.0038670	125.2055	.8757500
#2	.0392155	-.000538	.3164040	-.006027	.0040056	125.5824	.8762647
#3	.0473129	-.018747	.3135184	-.008557	.0063888	125.3835	.8720036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074701	.0089013	7.026962	1.649647	.0672716	.1826553	222.1960
Stddev	.0002247	.0003176	.093353	.004257	.0004957	.0004682	.9560
%RSD	3.008537	3.568432	1.328497	.2580632	.7368187	.2563165	.4302434

#1	.0076754	.0087564	6.993381	1.646909	.0673953	.1831640	221.1219
#2	.0072300	.0086819	6.955045	1.654551	.0676937	.1825592	222.5124
#3	.0075049	.0092655	7.132460	1.647480	.0667258	.1822425	222.9536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.392345	23.38567	.1614544	.0071819	1.868038	.4023746	.5089481
Stddev	.004689	.13288	.0006793	.0000832	.077278	.0001133	.0035641
%RSD	.1959829	.5682267	.4207104	1.158937	4.136833	.0281481	.7002964

#1	2.388939	23.29615	.1608947	.0070904	1.930753	.4024981	.5084336
#2	2.390404	23.53835	.1612585	.0072019	1.781708	.4023501	.5127415
#3	2.397693	23.32250	.1622101	.0072533	1.891652	.4022756	.5056691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.73106	4.398958	-.618207	.0032932	.5858986	11.51060	.0102723
Stddev	.02787	.020645	.003815	.0002178	.0097295	.03369	.0010752
%RSD	.2375508	.4693255	.6170986	6.612368	1.660618	.2926485	10.46691

#1	11.75976	4.396140	-.622518	.0034148	.5892497	11.52156	.0111354
#2	11.72931	4.379866	-.616838	.0030418	.5749365	11.47280	.0106135
#3	11.70411	4.420867	-.615266	.0034230	.5935097	11.53745	.0090679

Sample Name: I5378-02 Acquired: 9/27/2017 20:18:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.968748	.0513406	.0442678
Stddev	.011300	.0002232	.0000528
%RSD	.2847204	.4347655	.1191628

#1	3.957098	.0512821	.0443233
#2	3.979661	.0515873	.0442615
#3	3.969485	.0511525	.0442184

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	820.1568	1457.679	36923.08	12558.51	2504.606
Stddev	3.5906	7.158	21.06	21.25	2.406
%RSD	.4377984	.4910578	.0570341	.1691990	.0960494

#1	816.0522	1449.467	36946.33	12534.37	2503.825
#2	821.7023	1462.598	36917.63	12574.39	2507.305
#3	822.7159	1460.971	36905.28	12566.76	2502.687

Sample Name: I5378-03 Acquired: 9/27/2017 20:22:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443525	-.024331	.6346551	-.003468	.0037065	121.2228	.9246480
Stddev	.0058864	.003809	.0043161	.003633	.0006865	.1511	.0031676
%RSD	13.27178	15.65517	.6800719	104.7542	18.52053	.1246713	.3425733

#1	.0445956	-.025457	.6336556	-.003308	.0039658	121.2404	.9264122
#2	.0501135	-.020086	.6309264	-.007179	.0042256	121.3644	.9265407
#3	.0383483	-.027451	.6393833	.000082	.0029282	121.0637	.9209911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093121	.0112192	6.080185	1.282160	.1019730	.2192569	243.2125
Stddev	.0001631	.0003860	.049022	.009415	.0006075	.0008207	.1306
%RSD	1.751266	3.440473	.8062538	.7343030	.5957293	.3743157	.0537108

#1	.0091616	.0109138	6.125856	1.284924	.1022490	.2198749	243.3320
#2	.0092893	.0116530	6.086311	1.271672	.1023934	.2195702	243.2324
#3	.0094853	.0110907	6.028389	1.289883	.1012765	.2183257	243.0730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.304436	22.63362	.1969057	.0070942	1.766406	.3568810	.5629797
Stddev	.015546	.13355	.0013094	.0001575	.049208	.0022402	.0054352
%RSD	.3611663	.5900516	.6649700	2.219713	2.785778	.6277118	.9654400

#1	4.316644	22.54388	.1954652	.0072456	1.789054	.3544198	.5659855
#2	4.286934	22.78709	.1980236	.0071058	1.800212	.3574218	.5567055
#3	4.309729	22.56987	.1972283	.0069313	1.709951	.3588012	.5662481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.855517	6.390935	-.688185	.0027955	1.024379	13.94770	.0242588
Stddev	.034889	.031541	.001505	.0005148	.009381	.08948	.0008918
%RSD	.3939804	.4935297	.2187615	18.41373	.9158015	.6415742	3.676337

#1	8.827421	6.354846	-.688347	.0022636	1.027514	13.97292	.0252370
#2	8.894569	6.404738	-.686605	.0028316	1.013832	13.84831	.0234909
#3	8.844560	6.413222	-.689603	.0032912	1.031791	14.02187	.0240484

Sample Name: I5378-03 Acquired: 9/27/2017 20:22:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.103959	.0561889	.0377723
Stddev	.001982	.0001338	.0000876
%RSD	.0638525	.2381289	.2318757

#1	3.104665	.0563432	.0378508
#2	3.101721	.0561190	.0377883
#3	3.105492	.0561045	.0376779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	870.7159	1538.158	39375.38	13375.79	2447.840
Stddev	5.6183	7.156	156.83	51.50	7.657
%RSD	.6452471	.4652178	.3983039	.3850170	.3128001

#1	871.1149	1540.487	39259.87	13319.73	2450.903
#2	864.9087	1530.128	39312.34	13386.63	2439.126
#3	876.1239	1543.860	39553.92	13421.00	2453.492

Sample Name: I5378-04 Acquired: 9/27/2017 20:26:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366711	-.019019	.3141036	-.005993	.0047353	120.7020	.7548137
Stddev	.0026553	.001314	.0022865	.004216	.0034224	.4000	.0030464
%RSD	7.240806	6.906826	.7279473	70.34466	72.27428	.3313849	.4035989

#1	.0368959	-.018751	.3115486	-.010773	.0066240	120.3401	.7517113
#2	.0339105	-.017859	.3159574	-.004400	.0067972	120.6345	.7578009
#3	.0392068	-.020445	.3148048	-.002806	.0007847	121.1315	.7549291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083320	.0093539	4.060447	1.704561	.0932799	.1879398	238.4943
Stddev	.0000472	.0001393	.098084	.003443	.0003342	.0001504	1.0471
%RSD	.5660791	1.489010	2.415596	.2019845	.3582556	.0800239	.4390284

#1	.0083691	.0094898	4.084855	1.708534	.0929562	.1877669	238.1804
#2	.0083480	.0093603	3.952464	1.702449	.0932599	.1880115	237.6401
#3	.0082790	.0092115	4.144022	1.702700	.0936237	.1880409	239.6624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.404929	21.48084	.1766355	.0072942	1.750545	.3546054	.4256457
Stddev	.010192	.07620	.0007015	.0002442	.027905	.0023937	.0016604
%RSD	.2993404	.3547421	.3971629	3.348216	1.594073	.6750187	.3900836

#1	3.395514	21.54607	.1758291	.0074551	1.726472	.3521542	.4269076
#2	3.403522	21.39708	.1771053	.0074144	1.744033	.3569370	.4237648
#3	3.415752	21.49936	.1769721	.0070132	1.781130	.3547249	.4262649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75040	4.632272	-.660986	.0023716	.6257333	13.19752	.0141308
Stddev	.04731	.014871	.005129	.0003016	.0073248	.05749	.0013019
%RSD	.4400900	.3210224	.7758910	12.71656	1.170588	.4356375	9.212803

#1	10.69786	4.625838	-.660401	.0022108	.6322549	13.14598	.0126654
#2	10.78963	4.621702	-.666382	.0021846	.6271366	13.18705	.0145734
#3	10.76370	4.649276	-.656175	.0027195	.6178084	13.25952	.0151537

Sample Name: I5378-04 Acquired: 9/27/2017 20:26:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3D8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.510553	.0562564	.0327838
Stddev	.011860	.0004367	.0001956
%RSD	.3378284	.7762445	.5965219

#1	3.497822	.0558792	.0325580
#2	3.512551	.0561552	.0328955
#3	3.521287	.0567348	.0328979

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.1266	1489.314	37640.84	12755.79	2510.392
Stddev	6.3256	6.144	74.98	28.34	6.756
%RSD	.7610883	.4125395	.1992008	.2221697	.2691267

#1	824.0404	1487.088	37618.03	12764.34	2505.695
#2	836.2036	1484.593	37724.58	12778.87	2507.347
#3	833.1359	1496.261	37579.91	12724.16	2518.135

Sample Name: I5378-05 Acquired: 9/27/2017 20:30:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342843	-.017885	.3973153	.0004132	-.000828	57.77197	.5388207
Stddev	.0029659	.004259	.0019189	.0081447	.000459	.13819	.0008286
%RSD	8.650873	23.81443	.4829694	1971.183	55.52722	.2391972	.1537826

#1	.0316917	-.022798	.3951450	-.000705	-.000585	57.72912	.5393127
#2	.0336428	-.015619	.3980138	-.007114	-.001357	57.92651	.5392853
#3	.0375185	-.015237	.3987871	.009059	-.000540	57.66029	.5378640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051606	.0083299	22.74120	3.237907	.0635307	.2073676	171.0220
Stddev	.0001173	.0000663	.06093	.011744	.0002325	.0006522	.8128
%RSD	2.273563	.7960875	.2679167	.3626933	.3660402	.3145113	.4752562

#1	.0051102	.0084058	22.68186	3.230986	.0637949	.2068944	170.9005
#2	.0052947	.0082836	22.80360	3.231269	.0633568	.2081116	171.8888
#3	.0050768	.0083002	22.73812	3.251466	.0634406	.2070969	170.2769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.989821	20.83011	.2644464	.0061250	2.027374	.2021371	.6088499
Stddev	.004880	.17777	.0012769	.0001240	.064992	.0026526	.0072870
%RSD	.1632337	.8534493	.4828604	2.024315	3.205709	1.312298	1.196849

#1	2.986023	20.78091	.2635111	.0062335	2.054641	.2023896	.6075547
#2	2.995326	21.02731	.2639270	.0059899	1.953190	.2046544	.6166976
#3	2.988115	20.68213	.2659012	.0061517	2.074290	.1993672	.6022973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.861352	5.832971	-.461376	.0038503	1.638631	9.336408	.0157311
Stddev	.028312	.012887	.002369	.0003799	.017005	.028211	.0008967
%RSD	.2870979	.2209395	.5134349	9.866014	1.037774	.3021598	5.700088

#1	9.879714	5.825902	-.463164	.0042884	1.632439	9.363176	.0159566
#2	9.875594	5.825165	-.458690	.0036119	1.625590	9.339100	.0164936
#3	9.828747	5.847846	-.462275	.0036507	1.657865	9.306948	.0147432

Sample Name: I5378-05 Acquired: 9/27/2017 20:30:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.980504	.0430518	.0466563
Stddev	.002390	.0002348	.0000521
%RSD	.1206639	.5453268	.1116889

#1	1.979526	.0432897	.0465967
#2	1.983228	.0428203	.0466932
#3	1.978760	.0430455	.0466790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	786.9003	1390.158	35871.98	12138.09	2539.083
Stddev	7.1238	3.615	65.50	37.20	7.459
%RSD	.9052951	.2600576	.1826021	.3064891	.2937526

#1	787.1824	1393.406	35923.18	12116.35	2544.214
#2	779.6397	1390.805	35798.17	12116.88	2542.509
#3	793.8789	1386.263	35894.60	12181.05	2530.527

Sample Name: I5378-06 Acquired: 9/27/2017 20:34:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248137	-.014483	.3189126	.0016247	-.000513	48.16759	.4372789
Stddev	.0073364	.001545	.0017080	.0018771	.000135	.15219	.0023679
%RSD	29.56606	10.66691	.5355828	115.5332	26.41581	.3159625	.5415164

#1	.0304576	-.014972	.3181296	.0017682	-.000399	48.17382	.4398083
#2	.0165207	-.015724	.3208717	.0034259	-.000663	48.31657	.4369137
#3	.0274629	-.012753	.3177363	-.000320	-.000476	48.01238	.4351149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043977	.0067998	15.33367	2.565629	.0574430	.1700293	146.1577
Stddev	.0001312	.0002014	.10554	.001735	.0001208	.0022859	.6352
%RSD	2.982616	2.962210	.6882688	.0676195	.2103512	1.344410	.4345825

#1	.0045474	.0068463	15.23793	2.567616	.0575512	.1722671	145.4424
#2	.0043428	.0069738	15.31623	2.564857	.0574650	.1701225	146.3750
#3	.0043030	.0065791	15.44684	2.564414	.0573126	.1676982	146.6557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.733824	17.92300	.2439388	.0050852	1.601252	.1624367	.4887795
Stddev	.008181	.05095	.0003535	.0001673	.033314	.0017435	.0104255
%RSD	.2992559	.2842841	.1449165	3.289472	2.080502	1.073347	2.132970

#1	2.729755	17.87153	.2441015	.0052477	1.586327	.1621785	.4844998
#2	2.728475	17.97342	.2435332	.0050944	1.639419	.1642949	.4811749
#3	2.743242	17.92403	.2441816	.0049135	1.578010	.1608367	.5006638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.549570	2.908557	-.400083	.0029725	1.098529	8.459931	.0140356
Stddev	.081827	.024029	.001692	.0000819	.007134	.050053	.0021896
%RSD	1.083864	.8261431	.4228029	2.755219	.6493992	.5916511	15.60025

#1	7.581366	2.885328	-.398732	.0029058	1.099573	8.420922	.0163614
#2	7.610727	2.907031	-.401980	.0029478	1.090931	8.516368	.0137311
#3	7.456618	2.933313	-.399537	.0030639	1.105083	8.442503	.0120141

Sample Name: I5378-06 Acquired: 9/27/2017 20:34:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3E2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.600567	.0385519	.0392556
Stddev	.008358	.0001853	.0000321
%RSD	.5222214	.4807183	.0816808

#1	1.594019	.0387566	.0392232
#2	1.597700	.0385036	.0392873
#3	1.609981	.0383956	.0392563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	769.9591	1373.430	35157.19	11763.48	2561.025
Stddev	3.5672	6.786	23.32	19.81	7.562
%RSD	.4632946	.4940688	.0663189	.1684384	.2952658

#1	773.2971	1369.235	35132.73	11768.34	2553.645
#2	770.3802	1369.796	35179.16	11741.68	2560.672
#3	766.2001	1381.258	35159.69	11780.41	2568.757

Sample Name: I5378-07 Acquired: 9/27/2017 20:38:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335283	-.012173	.4304121	-.001694	.0020299	53.73217	.5273522
Stddev	.0081582	.001641	.0015372	.001418	.0005699	.11991	.0015347
%RSD	24.33226	13.48201	.3571374	83.69701	28.07430	.2231702	.2910243

#1	.0419810	-.012586	.4291009	-.002802	.0020549	53.80716	.5291173
#2	.0329034	-.010365	.4321038	-.002184	.0014479	53.79547	.5266062
#3	.0257005	-.013568	.4300316	-.000096	.0025869	53.59387	.5263331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047607	.0071512	14.95140	2.544129	.0589690	.1996845	151.1529
Stddev	.0000378	.0000932	.11015	.001091	.0002233	.0014019	.4153
%RSD	.7932706	1.303411	.7367217	.0428996	.3787418	.7020671	.2747590

#1	.0047339	.0070489	15.00397	2.543152	.0592211	.1980802	151.6324
#2	.0048039	.0072312	14.82481	2.543927	.0588898	.2006740	150.9058
#3	.0047442	.0071735	15.02542	2.545307	.0587960	.2002993	150.9206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.913871	16.47644	.1742929	.0052149	1.724407	.1655338	.5790584
Stddev	.017575	.08555	.0007367	.0001142	.004938	.0027525	.0071090
%RSD	.6031598	.5192274	.4226930	2.190718	.2863556	1.662783	1.227676

#1	2.921868	16.52111	.1745102	.0053468	1.724763	.1687051	.5871582
#2	2.893719	16.53042	.1748965	.0051466	1.719301	.1641305	.5761625
#3	2.926025	16.37781	.1734719	.0051513	1.729158	.1637659	.5738544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.387315	3.023417	-.414150	.0014558	1.102022	10.50604	.0175582
Stddev	.072278	.006710	.001692	.0004648	.007006	.05309	.0010711
%RSD	.9784115	.2219179	.4085188	31.92941	.6357552	.5053394	6.099988

#1	7.438391	3.024383	-.415885	.0011499	1.110107	10.55412	.0187641
#2	7.418939	3.016277	-.414059	.0012268	1.098229	10.51493	.0167175
#3	7.304614	3.029592	-.412505	.0019907	1.097729	10.44906	.0171931

Sample Name: I5378-07 Acquired: 9/27/2017 20:38:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.593018	.0411683	.0523957
Stddev	.008020	.0003877	.0001349
%RSD	.5034372	.9416530	.2574691

#1	1.602277	.0411647	.0525497
#2	1.588557	.0415578	.0523392
#3	1.588221	.0407825	.0522984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.1704	1409.251	35962.39	12103.83	2586.097
Stddev	6.5552	8.642	106.45	60.91	9.956
%RSD	.8274969	.6132071	.2960017	.5031922	.3849774

#1	789.3080	1402.568	35877.46	12035.15	2576.980
#2	787.5333	1419.009	35927.92	12125.05	2596.720
#3	799.6701	1406.175	36081.81	12151.29	2584.592

Sample Name: I5378-08 Acquired: 9/27/2017 20:42:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381474	-.017349	.3023346	-.002780	-.001236	48.19312	.4560957
Stddev	.0015885	.001697	.0010375	.006616	.000945	.09100	.0004343
%RSD	4.164032	9.779974	.3431751	237.9946	76.45392	.1888147	.0952221

#1	.0369122	-.017883	.3011468	-.008898	-.000150	48.23854	.4561390
#2	.0375907	-.015449	.3030640	.004241	-.001868	48.08836	.4565067
#3	.0399393	-.018714	.3027930	-.003682	-.001691	48.25246	.4556414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043650	.0061113	12.25173	2.635596	.0550154	.1798871	146.7053
Stddev	.0000846	.0000872	.01436	.005848	.0005714	.0012690	.5059
%RSD	1.938208	1.425991	.1172047	.2218907	1.038624	.7054387	.3448283

#1	.0042920	.0061091	12.26748	2.629707	.0550867	.1806620	146.9309
#2	.0043451	.0060252	12.24833	2.635679	.0544117	.1784226	146.1258
#3	.0044577	.0061995	12.23937	2.641402	.0555479	.1805767	147.0591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.714327	15.14489	.1793757	.0047924	1.684989	.1459607	.5768062
Stddev	.010723	.04548	.0012671	.0002596	.042793	.0021490	.0026192
%RSD	.3950347	.3002741	.7064047	5.416746	2.539666	1.472343	.4540875

#1	2.725049	15.13509	.1786064	.0047968	1.662031	.1437054	.5768942
#2	2.703604	15.10511	.1786824	.0045307	1.658574	.1479848	.5793803
#3	2.714329	15.19446	.1808381	.0050498	1.734362	.1461921	.5741441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.640984	2.677495	-.402850	.0016388	.8139887	11.16511	.0186391
Stddev	.017085	.017040	.003430	.0003114	.0046051	.03716	.0013933
%RSD	.2572673	.6364019	.8514646	19.00313	.5657394	.3328619	7.475135

#1	6.650895	2.678996	-.406673	.0019681	.8114391	11.20472	.0186948
#2	6.621256	2.659755	-.400041	.0013490	.8112223	11.13101	.0200037
#3	6.650802	2.693735	-.401837	.0015992	.8193047	11.15961	.0172187

Sample Name: I5378-08 Acquired: 9/27/2017 20:42:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.410267	.0384353	.0465144
Stddev	.001459	.0001944	.0000641
%RSD	.1034514	.5056889	.1377134

#1	1.409459	.0385004	.0465665
#2	1.409391	.0385888	.0465338
#3	1.411951	.0382168	.0464428

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	805.9387	1429.090	36592.91	12208.14	2659.911
Stddev	4.5392	4.961	51.05	51.39	7.555
%RSD	.5632204	.3471774	.1395192	.4209087	.2840175

#1	801.8406	1424.565	36552.51	12157.15	2651.301
#2	805.1577	1428.311	36575.94	12259.91	2663.004
#3	810.8177	1434.395	36650.29	12207.37	2665.428

Sample Name: I5378-09 Acquired: 9/27/2017 20:46:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635991	-.020457	.9851250	-.003803	.0051329	84.20035	.7462496
Stddev	.0035080	.001191	.0028593	.002729	.0012872	.23954	.0018977
%RSD	5.515754	5.819859	.2902431	71.75882	25.07785	.2844939	.2542997

#1	.0662448	-.020888	.9884261	-.002464	.0052390	84.18523	.7448945
#2	.0596199	-.021372	.9835228	-.002002	.0063638	84.44710	.7484185
#3	.0649327	-.019111	.9834260	-.006943	.0037959	83.96872	.7454358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077871	.0109717	31.10553	1.635589	.0882942	.3466330	209.9628
Stddev	.0001583	.0001899	.07463	.005495	.0002257	.0016505	.2409
%RSD	2.032162	1.730826	.2399361	.3359503	.2555614	.4761603	.1147119

#1	.0078797	.0109753	31.10559	1.629803	.0885096	.3465860	210.2167
#2	.0076044	.0111598	31.03087	1.636228	.0883133	.3483066	209.9343
#3	.0078772	.0107801	31.18013	1.640736	.0880596	.3450065	209.7375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.317400	25.73396	.1961774	.0089506	1.999326	.2981796	.8243448
Stddev	.005435	.06310	.0011197	.0002673	.083107	.0037291	.0099438
%RSD	.1638406	.2452041	.5707602	2.985807	4.156759	1.250635	1.206271

#1	3.313029	25.78794	.1974198	.0092058	2.044576	.2955574	.8347569
#2	3.323486	25.74934	.1952462	.0089733	2.049989	.2965327	.8233306
#3	3.315684	25.66459	.1958662	.0086728	1.903413	.3024486	.8149470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45904	4.887031	-.587392	.0025337	1.922161	3.092515	.0419482
Stddev	.06638	.005852	.003517	.0001637	.015024	.014746	.0019077
%RSD	.6346778	.1197398	.5987742	6.462686	.7816160	.4768172	4.547762

#1	10.43718	4.893131	-.584018	.0023461	1.914275	3.091434	.0441074
#2	10.53360	4.881464	-.591037	.0026479	1.912723	3.107771	.0412464
#3	10.40635	4.886499	-.587120	.0026070	1.939486	3.078339	.0404909

Sample Name: I5378-09 Acquired: 9/27/2017 20:46:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3E5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.028783	.0576610	.0854768
Stddev	.004224	.0003564	.0003733
%RSD	.2082019	.6180394	.4366751

#1	2.025830	.0578721	.0852465
#2	2.033621	.0578614	.0859075
#3	2.026897	.0572496	.0852765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.8016	1483.895	37685.81	12719.52	2538.663
Stddev	7.3875	1.855	90.65	53.82	6.176
%RSD	.8881325	.1250318	.2405377	.4231653	.2432655

#1	824.0386	1482.660	37636.12	12696.78	2534.723
#2	832.6210	1486.029	37630.88	12680.80	2545.781
#3	838.7453	1482.997	37790.44	12780.98	2535.486

Sample Name: I5378-10 Acquired: 9/27/2017 20:50:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1239684	.1034346	.9519259	.0711647	.0543141	91.23636	4.677672
Stddev	.0013442	.0042508	.0083257	.0037166	.0016594	.85058	.004997
%RSD	1.084326	4.109700	.8746204	5.222497	3.055236	.9322867	.1068350

#1	.1251267	.1079342	.9580371	.0675123	.0561959	92.03642	4.672544
#2	.1224944	.1028833	.9424432	.0710395	.0536857	91.32970	4.677945
#3	.1242840	.0994863	.9552974	.0749423	.0530606	90.34296	4.682527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981451	.1110642	30.23051	2.279465	1.108994	.7940077	209.6006
Stddev	.0006359	.0005523	.06350	.012816	.002453	.0018681	.4968
%RSD	.6479243	.4972746	.2100476	.5622290	.2212213	.2352765	.2370206

#1	.0978958	.1106724	30.27484	2.275212	1.106299	.7935305	210.0349
#2	.0976716	.1108244	30.25892	2.269316	1.109587	.7924245	209.7080
#3	.0988679	.1116959	30.15777	2.293867	1.111096	.7960681	209.0589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.153431	25.10357	1.228183	.0464987	2.022793	1.284070	1.575627
Stddev	.013276	.09008	.001924	.0003610	.056496	.003328	.016238
%RSD	.3196394	.3588265	.1566769	.7764217	2.792991	.2591639	1.030552

#1	4.162983	25.19260	1.226570	.0463593	2.034444	1.282183	1.587350
#2	4.159040	25.10563	1.227666	.0462281	2.072557	1.282115	1.582438
#3	4.138272	25.01248	1.230313	.0469086	1.961380	1.287913	1.557093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18337	4.625772	-.580365	.0024688	1.747666	5.517192	.0485569
Stddev	.25422	.018116	.002073	.0002810	.011668	.610131	.0026650
%RSD	2.273221	.3916319	.3571886	11.38408	.6676484	11.05872	5.488436

#1	11.45092	4.623718	-.578875	.0021445	1.737144	6.108393	.0467631
#2	11.15418	4.608771	-.579488	.0026418	1.745639	5.553438	.0516192
#3	10.94500	4.644828	-.582733	.0026201	1.760215	4.889746	.0472885

Sample Name: I5378-10 Acquired: 9/27/2017 20:50:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.224550	.0576008	.0824677
Stddev	.070930	.0001766	.0002109
%RSD	3.188516	.3066072	.2557398

#1	2.294654	.0577968	.0826654
#2	2.226176	.0575519	.0824918
#3	2.152821	.0574539	.0822457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.4239	1429.888	36572.23	12347.28	2464.821
Stddev	5.9769	6.395	111.05	42.65	7.525
%RSD	.7411585	.4472679	.3036513	.3454132	.3052768

#1	800.6180	1422.628	36452.37	12301.26	2456.140
#2	806.0953	1432.346	36592.69	12355.12	2469.475
#3	812.5582	1434.689	36671.63	12385.47	2468.849

Sample Name: I5378-11 Acquired: 9/27/2017 20:54:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612407	-.021351	.9102710	-.006675	.0050708	83.01205	.7293550
Stddev	.0056268	.004161	.0015024	.001041	.0006473	.40023	.0030484
%RSD	9.188018	19.48864	.1650486	15.59554	12.76442	.4821372	.4179530

#1	.0640994	-.022418	.9103773	-.007810	.0054559	83.41601	.7296085
#2	.0648641	-.024876	.9087182	-.006453	.0043235	83.00447	.7322688
#3	.0547584	-.016761	.9117173	-.005764	.0054329	82.61566	.7261879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077950	.0106563	30.24895	1.620247	.0856135	.3434350	206.7551
Stddev	.0001108	.0002261	.17697	.004259	.0006282	.0020632	.6832
%RSD	1.421890	2.121744	.5850547	.2628470	.7337279	.6007495	.3304446

#1	.0077982	.0108663	30.45285	1.615750	.0854873	.3416067	207.5265
#2	.0079041	.0106857	30.15878	1.620773	.0850580	.3456719	206.5128
#3	.0076825	.0104170	30.13522	1.624219	.0862952	.3430263	206.2261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.266566	25.03832	.1934179	.0088382	1.926376	.2933752	.8029373
Stddev	.008155	.08406	.0007213	.0000773	.102078	.0002876	.0101412
%RSD	.2496494	.3357223	.3729166	.8741127	5.298960	.0980281	1.263019

#1	3.269100	25.07245	.1936621	.0089274	1.867496	.2933587	.8093128
#2	3.257445	24.94256	.1939853	.0087919	1.867388	.2930962	.7912431
#3	3.273153	25.09995	.1926062	.0087953	2.044246	.2936706	.8082559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44996	4.688125	-.578010	.0031123	1.803095	3.872102	.0406112
Stddev	.08340	.023184	.004202	.0003587	.007427	.191288	.0019853
%RSD	.7980693	.4945255	.7269730	11.52561	.4118925	4.940147	4.888602

#1	10.51842	4.714290	-.581877	.0033284	1.811372	4.067287	.0383859
#2	10.47439	4.679946	-.578615	.0026982	1.800903	3.864053	.0422008
#3	10.35708	4.670139	-.573539	.0033103	1.797012	3.684966	.0412469

Sample Name: I5378-11 Acquired: 9/27/2017 20:54:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3E5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.111820	.0559063	.0813829
Stddev	.028046	.0003668	.0001925
%RSD	1.328060	.6561350	.2365128

#1	2.140738	.0554844	.0813084
#2	2.109986	.0561495	.0816015
#3	2.084736	.0560849	.0812388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	820.1131	1467.129	37144.53	12507.52	2520.785
Stddev	5.5730	4.048	89.43	31.20	8.286
%RSD	.6795390	.2759004	.2407592	.2494845	.3287111

#1	819.3962	1462.456	37104.36	12473.76	2511.713
#2	826.0099	1469.520	37247.00	12513.50	2527.953
#3	814.9333	1469.412	37082.22	12535.30	2522.689

Sample Name: I5378-09LX5 Acquired: 9/27/2017 20:58:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3E5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251338	.0112493	.2096039	.0046315	.0071494	18.92989	.5746615
Stddev	.0050654	.0051603	.0020579	.0043108	.0026160	.04164	.0016816
%RSD	20.15391	45.87192	.9817990	93.07550	36.59026	.2199683	.2926181

#1	.0274793	.0144802	.2108482	.0094961	.0072595	18.95611	.5761825
#2	.0286014	.0052981	.2107349	.0012853	.0097087	18.95168	.5728557
#3	.0193207	.0139698	.2072285	.0031133	.0044801	18.88187	.5749463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121569	.0121295	7.017889	.4623712	.1204175	.1262275	48.60644
Stddev	.0000712	.0001711	.018260	.0005762	.0005148	.0010196	.24370
%RSD	.5855206	1.410913	.2601927	.1246281	.4275483	.8077307	.5013681

#1	.0121292	.0119358	6.996811	.4618994	.1204252	.1268471	48.59942
#2	.0122378	.0121927	7.027960	.4630135	.1198989	.1250508	48.85357
#3	.0121038	.0122601	7.028896	.4622008	.1209285	.1267848	48.36633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8586559	5.792771	.1516661	.0059920	.5078026	.1730248	.2609228
Stddev	.0010941	.071490	.0004552	.0001699	.1259949	.0014517	.0078112
%RSD	.1274207	1.234123	.3001226	2.835894	24.81180	.8389975	2.993667

#1	.8594084	5.804472	.1513424	.0060551	.3662211	.1714920	.2534799
#2	.8574008	5.857689	.1514693	.0061214	.6075889	.1743788	.2690563
#3	.8591584	5.716152	.1521866	.0057996	.5495978	.1732037	.2602323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.273930	.9623371	-.137717	.0021849	.3705466	.7294750	.0080542
Stddev	.007714	.0102556	.002024	.0002703	.0056764	.0078011	.0008117
%RSD	.3392345	1.065700	1.469729	12.37170	1.531908	1.069409	10.07775

#1	2.269467	.9737670	-.139706	.0019563	.3749680	.7337734	.0075988
#2	2.269486	.9539396	-.137784	.0021150	.3641454	.7341813	.0075725
#3	2.282837	.9593047	-.135659	.0024832	.3725265	.7204701	.0089913

Sample Name: I5378-09LX5 Acquired: 9/27/2017 20:58:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3E5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4539699	.0116535	.0185131
Stddev	.0019026	.0003002	.0000268
%RSD	.4191117	2.576052	.1445789

#1	.4532442	.0119157	.0184961
#2	.4561286	.0117188	.0185440
#3	.4525369	.0113260	.0184993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	788.8919	1407.786	34923.03	11406.33	2727.345
Stddev	2.3290	6.253	22.70	34.10	7.927
%RSD	.2952282	.4441991	.0650017	.2989878	.2906412

#1	786.2125	1400.723	34912.35	11370.99	2718.930
#2	790.0315	1412.617	34907.64	11408.94	2734.671
#3	790.4317	1410.017	34949.10	11439.05	2728.435

Sample Name: CCV084 Acquired: 9/27/2017 21:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854810	4.734644	24.71395	4.669301	4.741206	393.4861
Stddev	.014968	.005173	.04695	.013687	.006275	1.1766
%RSD	.3083229	.1092595	.1899862	.2931287	.1323430	.2990135

#1	4.868101	4.736748	24.66713	4.685105	4.741909	393.9236
#2	4.857735	4.728750	24.76103	4.661537	4.734610	394.3814
#3	4.838596	4.738433	24.71370	4.661261	4.747100	392.1535

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.879217	.5432091	2.562586	422.0646	15.90775	2.515498
Stddev	.117058	.0014823	.002599	.3118	.05219	.006139
%RSD	1.184890	.2728876	.1014035	.0738866	.3280828	.2440667

#1	10.01204	.5437531	2.560543	422.1835	15.85434	2.513372
#2	9.83450	.5443426	2.565510	421.7108	15.95863	2.522418
#3	9.79111	.5415316	2.561703	422.2996	15.91027	2.510704

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13310	411.0586	15.38254	411.4222	2.467079	1.327350
Stddev	.00757	.1225	.01791	.9785	.008393	.004887
%RSD	.0500132	.0298060	.1164163	.2378255	.3401884	.3681795

#1	15.12540	411.1982	15.39629	412.2150	2.459855	1.329448
#2	15.13337	411.0084	15.36229	410.3286	2.476285	1.330837
#3	15.14053	410.9691	15.38904	411.7229	2.465096	1.321764

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.2774	2.518502	13.76532	153.8290	F 2.201074	F 4.429698
Stddev	.6330	.003194	.11434	.1441	.003425	.007424
%RSD	.1558114	.1268260	.8306419	.0936473	.1555838	.1676040

#1	406.2311	2.521863	13.81328	153.7847	2.200977	4.421742
#2	405.6688	2.518134	13.63481	153.7122	2.204546	4.436441
#3	406.9323	2.515507	13.84787	153.9899	2.197699	4.430910

Sample Name: CCV084 Acquired: 9/27/2017 21:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.720738	5.125778	5.345479	4.904261	5.146002	3.654222
Stddev	.009993	.026865	.019254	.016220	.008213	.011261
%RSD	.2116851	.5241238	.3601855	.3307328	.1595933	.3081535

#1	4.721944	5.136404	5.352212	4.895906	5.154737	3.656627
#2	4.730073	5.145705	5.360462	4.922956	5.138437	3.641953
#3	4.710196	5.095225	5.323763	4.893923	5.144833	3.664086

Elem	Sr4077
Units	ppm
Avg	3.705887
Stddev	.022146
%RSD	.5975846

#1	3.731359
#2	3.691196
#3	3.695105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	616.2470	1104.852	28418.86	10136.68	1871.525
Stddev	4.0117	.232	45.83	38.62	3.325
%RSD	.6509887	.0210430	.1612611	.3809752	.1776644

#1	613.4239	1105.090	28365.94	10100.13	1874.921
#2	620.8392	1104.625	28445.47	10132.83	1871.378
#3	614.4779	1104.840	28445.17	10177.07	1868.276

Sample Name: CCB084 Acquired: 9/27/2017 21:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023840	.0014987	.0002012	-.002048	.0008587	.0259174	.0001103
Stddev	.0024009	.0021964	.0006402	.001211	.0005932	.0047877	.0004347
%RSD	100.7083	146.5517	318.2689	59.14075	69.08694	18.47276	394.1676

#1	.0027007	.0034981	.0004235	-.001312	.0012946	.0314296	-.000178
#2	.0046108	.0018502	-.000521	-.003446	.0001831	.0227957	.000610
#3	-.000160	-.000852	.000701	-.001385	.0010983	.0235270	-.000101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	.0001134	.0229523	.0000192	.0003173	.0014762	.0350461
Stddev	.000117	.0001345	.0039896	.0003338	.0001861	.0009986	.0046752
%RSD	94.82508	118.6130	17.38225	1740.581	58.64827	67.64834	13.34021

#1	-.000253	-.000042	.0275033	.0003410	.0001044	.0026242	.0403473
#2	-.000027	.000194	.0212962	-.000325	.0003986	.0008081	.0332789
#3	-.000089	.000188	.0200575	.000042	.0004489	.0009964	.0315120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009199	.0477320	.0002372	.0000483	.0111597	-.000424	.0016373
Stddev	.0000713	.0093877	.0001851	.0001615	.1669148	.002436	.0021110
%RSD	7.747747	19.66760	78.03475	334.0804	1495.699	575.2388	128.9295

#1	.0009402	.0579640	.0004415	-.000083	.0143511	.002182	-.000118
#2	.0009789	.0457156	.0000807	.000228	-.157328	-.000807	.003980
#3	.0008407	.0395163	.0001893	.000000	.176456	-.002645	.001050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060639	.0016666	.0085314	.0008678	-.006051	.0009866	-.001853
Stddev	.0307753	.0008948	.0013722	.0004627	.001338	.0013380	.000609
%RSD	507.5163	53.68934	16.08369	53.31643	22.11006	135.6228	32.86242

#1	.0086912	.0025700	.0087125	.0012952	-.004579	.0008755	-.001592
#2	.0354414	.0016491	.0098041	.0009318	-.006381	-.000292	-.002549
#3	-.025941	.0007807	.0070777	.0003765	-.007193	.002377	-.001418

Sample Name: CCB084 Acquired: 9/27/2017 21:07:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v167) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008777	.0000343	.0001825
Stddev	.0004501	.0001227	.0000651
%RSD	51.27640	357.8511	35.64459

#1	.0008036	-.000032	.0002527
#2	.0013603	.000176	.0001707
#3	.0004694	-.000041	.0001242

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	795.0708	1411.264	35163.07	11245.68	2887.612
Stddev	4.5866	2.658	125.08	35.22	1.378
%RSD	.5768768	.1883200	.3557160	.3131824	.0477351

#1	790.1924	1408.598	35116.93	11212.95	2887.604
#2	795.7245	1411.283	35067.61	11282.95	2888.994
#3	799.2954	1413.913	35304.66	11241.15	2886.237