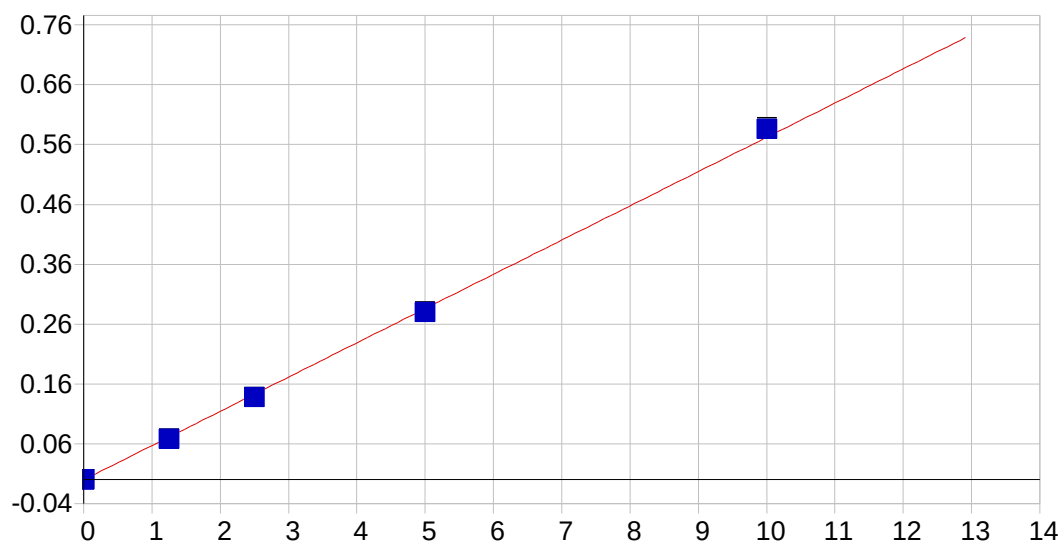




As 189.042 {479}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000187

Re-Slope: 1.000000

A1 (Gain): 0.057230

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999640

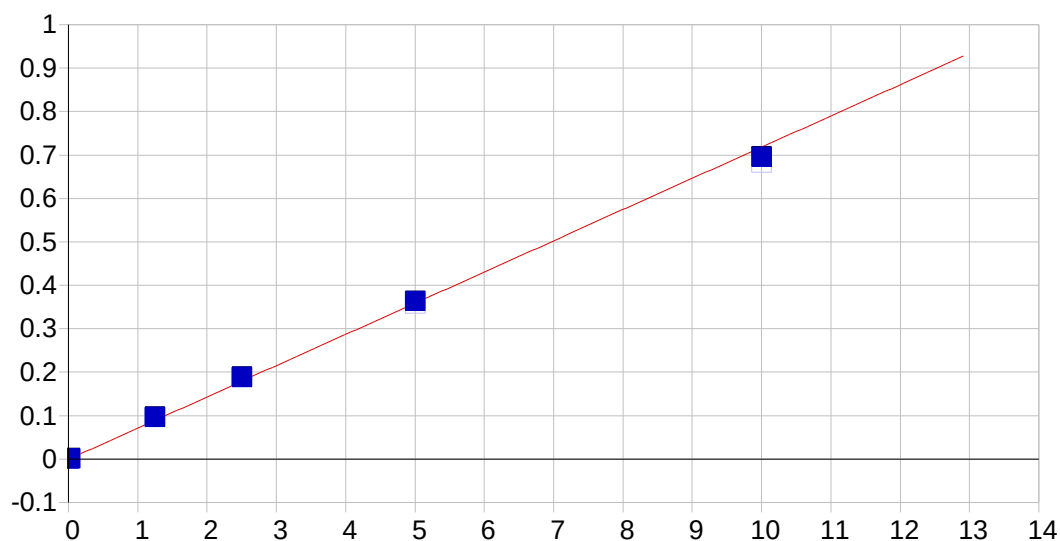
Status: OK.

Std Error of Est: 0.000026

Predicted MDL: 0.002658

Predicted MQL: 0.008859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01061	.001	6.08	.00042	.000	1
S2	1.2500	1.1993	-.051	-4.05	.06843	.000	1
S3	2.5000	2.4098	-.090	-3.61	.13768	.000	1
S4	5.0000	4.8959	-.104	-2.08	.27992	.000	1
S5	10.000	10.244	.244	2.44	.58594	.002	1



TI 190.856 {477}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000521

Re-Slope: 1.000000

A1 (Gain): 0.071868

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999200

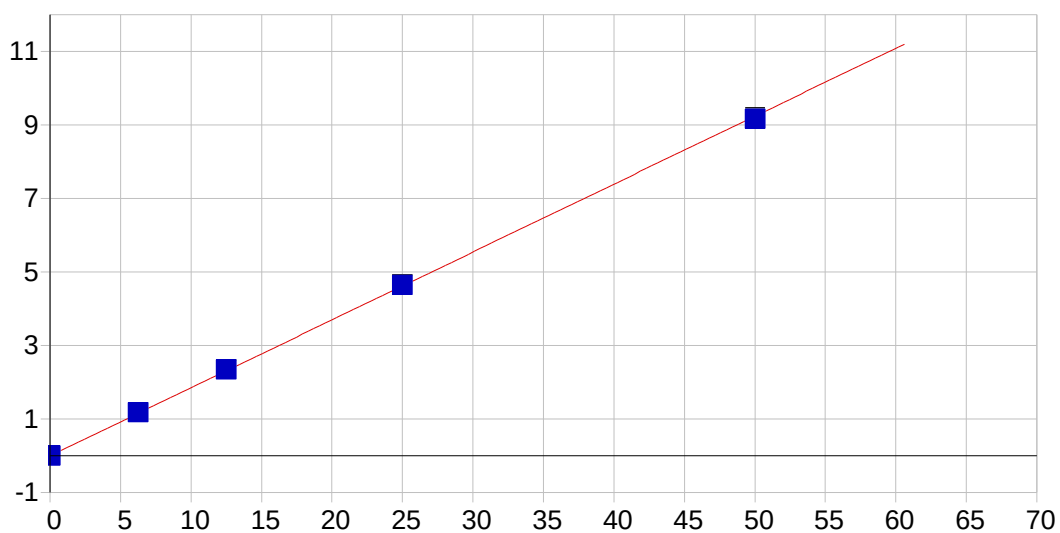
Status: OK.

Std Error of Est: 0.000075

Predicted MDL: 0.001730

Predicted MQL: 0.005768

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00052	.000	1
S1	.02500	.02833	.003	13.3	.00136	.000	1
S2	1.2500	1.3570	.107	8.56	.09537	.000	1
S3	2.5000	2.6421	.142	5.68	.18610	.000	1
S4	5.0000	5.0694	.069	1.39	.35727	.000	1
S5	10.000	9.6784	-.322	-3.22	.68198	.002	1



Pb 220.353 {453}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000060

Re-Slope: 1.000000

A1 (Gain): 0.184759

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999955

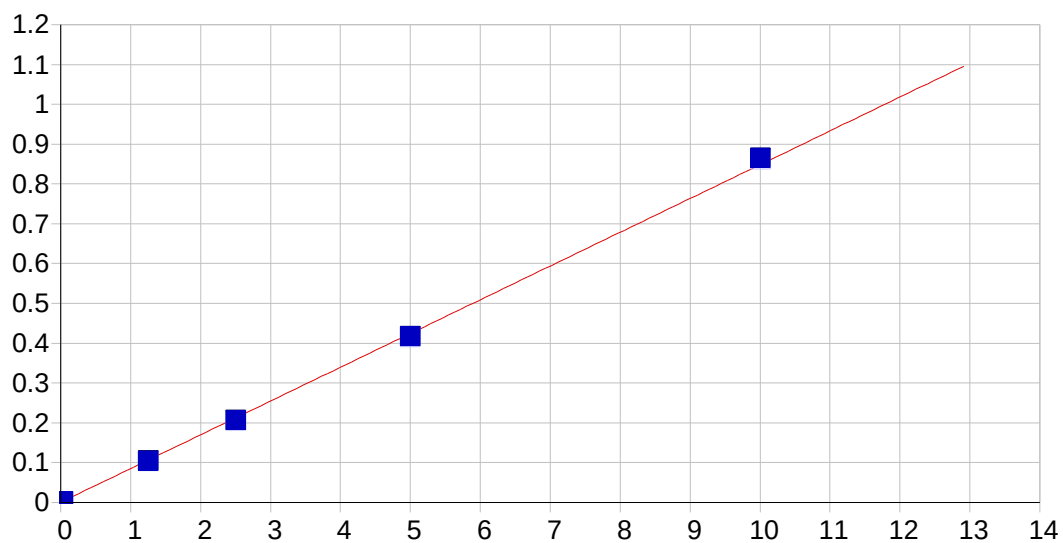
Status: OK.

Std Error of Est: 0.000066

Predicted MDL: 0.001279

Predicted MQL: 0.004263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01070	.001	7.03	.00204	.000	1
S2	6.2500	6.3823	.132	2.12	1.1796	.003	1
S3	12.500	12.647	.147	1.18	2.3374	.004	1
S4	25.000	25.127	.127	.508	4.6439	.008	1
S5	50.000	49.593	-.407	-.814	9.1656	.026	1



Se 196.090 {472}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000302

Re-Slope: 1.000000

A1 (Gain): 0.084818

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999788

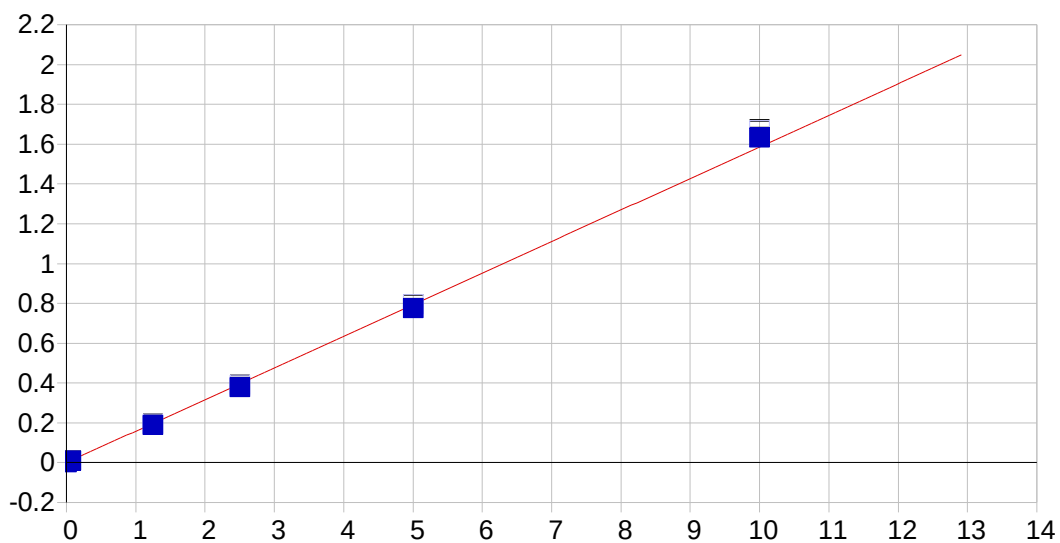
Status: OK.

Std Error of Est: 0.000055

Predicted MDL: 0.002306

Predicted MQL: 0.007687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.03500	.03406	-.001	-2.69	.00319	.000	1
S2	1.2500	1.2241	-.026	-2.07	.10374	.001	1
S3	2.5000	2.4254	-.075	-2.98	.20523	.001	1
S4	5.0000	4.9120	-.088	-1.76	.41535	.001	1
S5	10.000	10.189	.189	1.89	.86141	.001	1



Sb 206.833 {463}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000126

Re-Slope: 1.000000

A1 (Gain): 0.158588

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999532

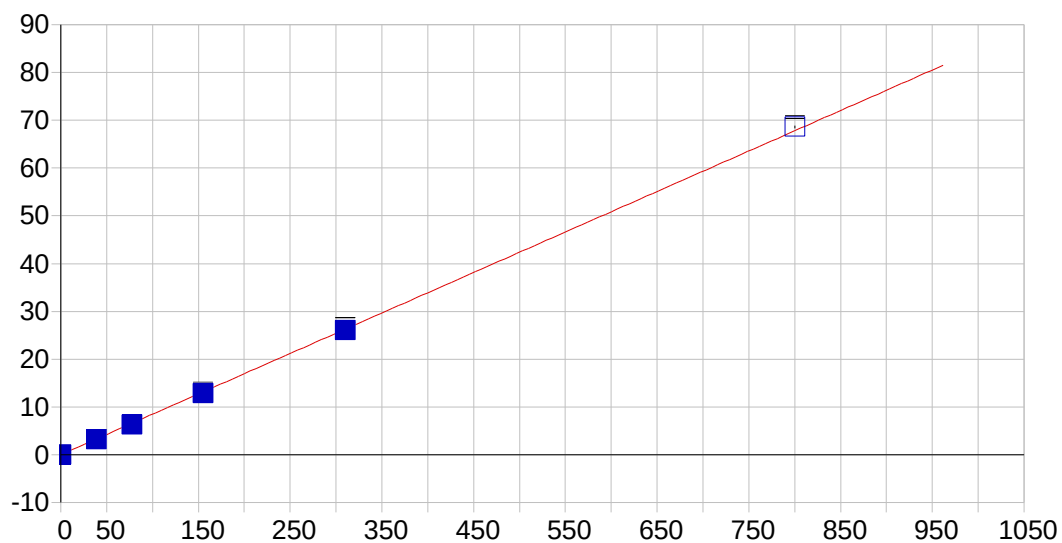
Status: OK.

Std Error of Est: 0.000204

Predicted MDL: 0.001304

Predicted MQL: 0.004346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00013	.000	1
S1	.06000	.05616	-.004	-6.39	.00903	.000	1
S2	1.2500	1.1900	-.060	-4.80	.19362	.000	1
S3	2.5000	2.3937	-.106	-4.25	.38927	.000	1
S4	5.0000	4.8842	-.116	-2.32	.79376	.001	1
S5	10.000	10.286	.286	2.86	1.6694	.003	1



AI 396.152 { 85}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000035

Re-Slope: 1.000000

A1 (Gain): 0.084747

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999874

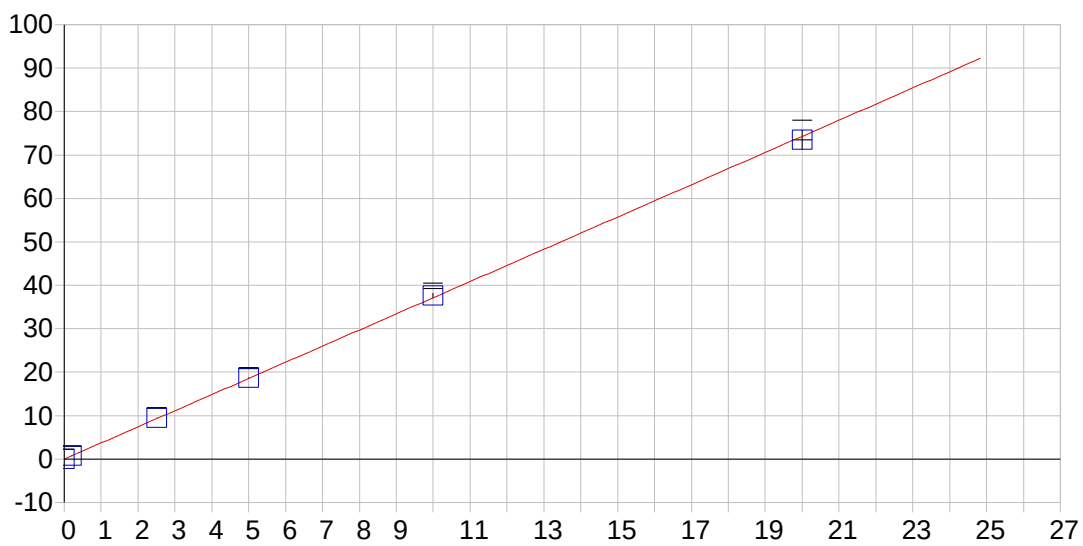
Status: OK.

Std Error of Est: 0.000838

Predicted MDL: 0.007883

Predicted MQL: 0.026276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00004	.000	1
S1	.20000	.19714	-.003	-1.43	.01677	.001	1
S2	38.750	37.636	-1.11	-2.87	3.1935	.005	1
S3	77.500	74.264	-3.24	-4.18	6.3016	.039	1
S4	155.00	152.24	-2.76	-1.78	12.918	.199	1
S5	310.00	307.56	-2.44	-.787	26.096	.504	1
S6	800.00	809.56	9.56	1.20	68.608	.323	1



Ba 493.409 { 68}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.010154

Re-Slope: 1.000000

A1 (Gain): 3.715261

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999928

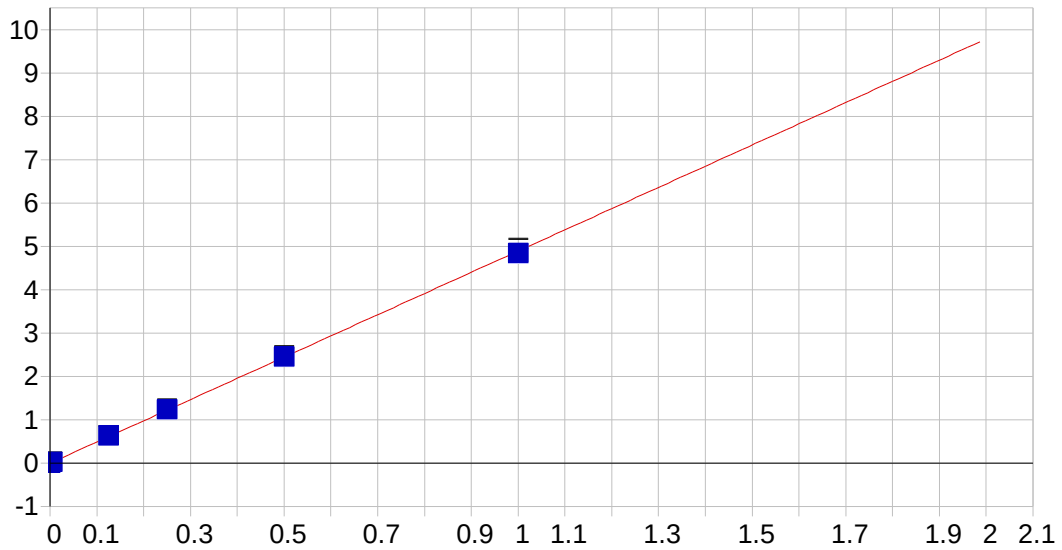
Status: OK.

Std Error of Est: 0.004734

Predicted MDL: 0.000405

Predicted MQL: 0.001349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01020	.001	1
S1	.20000	.20471	.005	2.36	.75041	.004	1
S2	2.5000	2.5601	.060	2.40	9.5011	.022	1
S3	5.0000	5.0349	.035	.698	18.696	.159	1
S4	10.000	10.115	.115	1.15	37.569	.611	1
S5	20.000	19.785	-.215	-1.07	73.498	2.26	1



Be 234.861 {144}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001692

Re-Slope: 1.000000

A1 (Gain): 4.892267

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999901

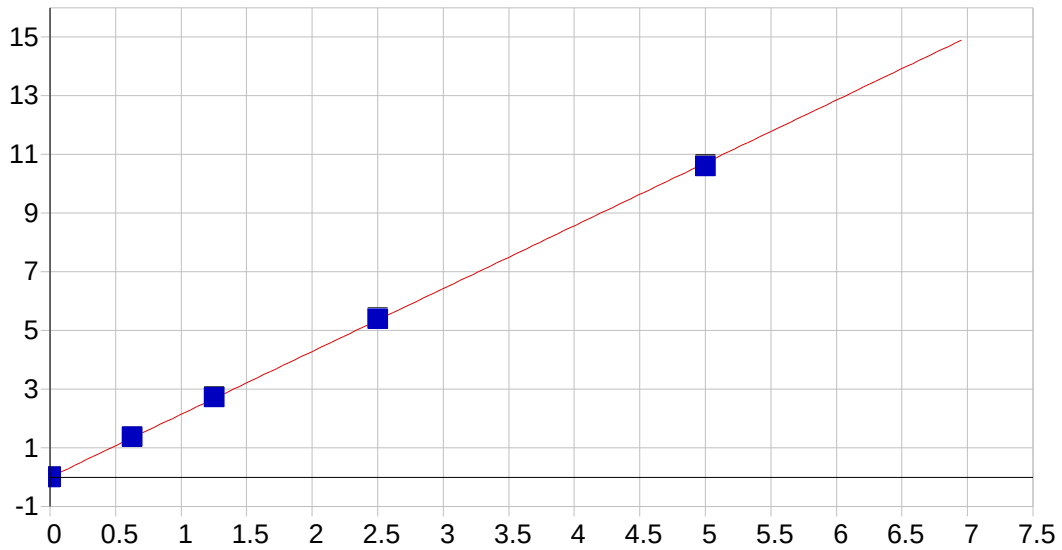
Status: OK.

Std Error of Est: 0.000258

Predicted MDL: 0.000077

Predicted MQL: 0.000255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00170	.000	1
S1	.00500	.00550	.001	10.1	.02522	.000	1
S2	.12500	.12966	.005	3.73	.63057	.003	1
S3	.25000	.25318	.003	1.27	1.2328	.011	1
S4	.50000	.50164	.002	.329	2.4443	.022	1
S5	1.0000	.99002	-.010	-.998	4.8253	.112	1



Cd 214.438 {457}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000276

Re-Slope: 1.000000

A1 (Gain): 2.142544

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

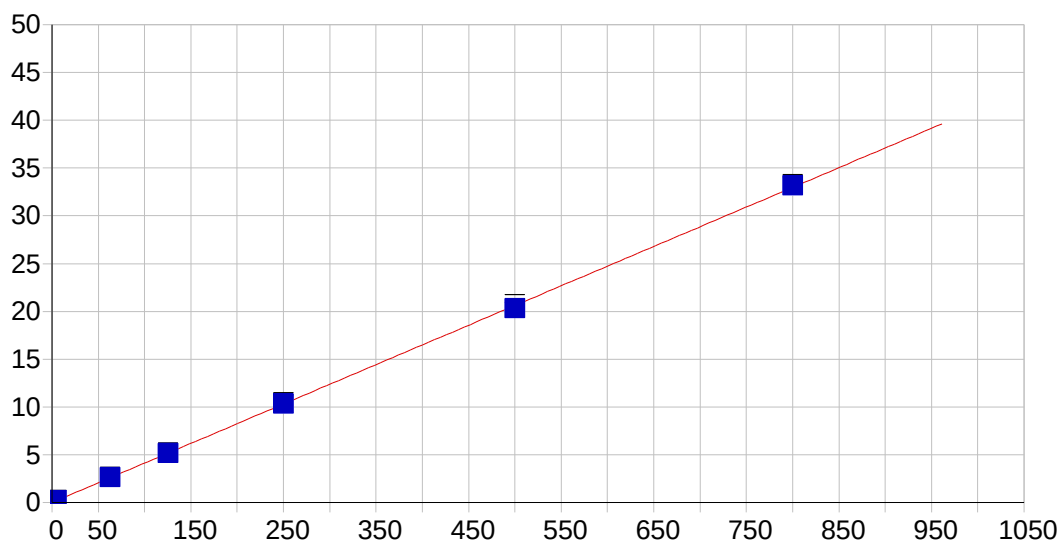
Status: OK.

Std Error of Est: 0.000222

Predicted MDL: 0.000078

Predicted MQL: 0.000259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.00500	.00497	.000	-.576	.01038	.000	1
S2	.62500	.63789	.013	2.06	1.3688	.005	1
S3	1.2500	1.2708	.021	1.66	2.7271	.007	1
S4	2.5000	2.5223	.022	.892	5.4132	.015	1
S5	5.0000	4.9441	-.056	-1.12	10.611	.047	1



Ca 373.690 { 90}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001165

Re-Slope: 1.000000

A1 (Gain): 0.041218

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

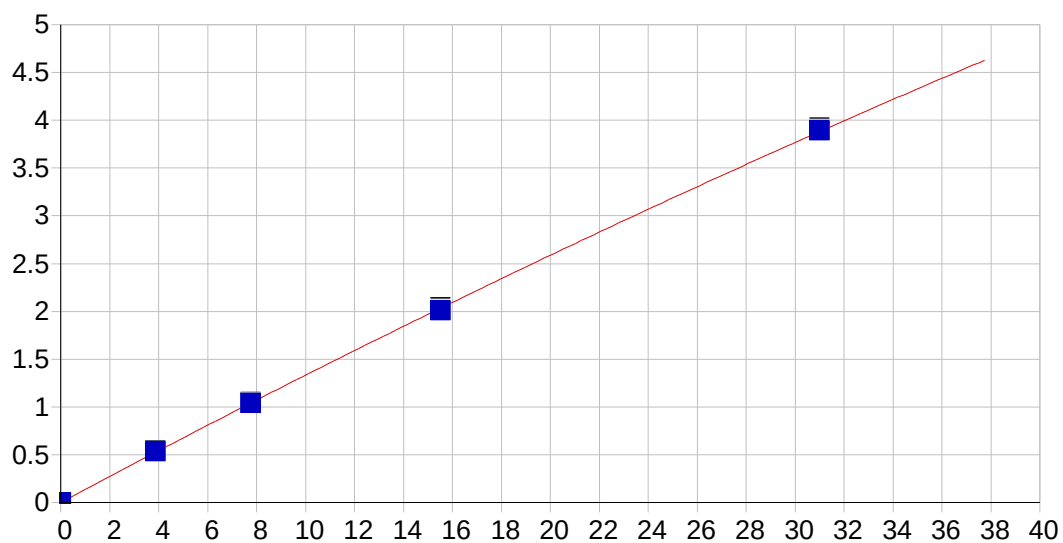
Status: OK.

Std Error of Est: 0.001392

Predicted MDL: 0.013690

Predicted MQL: 0.045633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	.000	.000	.00115	.000	1
S1	5.0000	5.2232	.223	4.46	.21645	.001	1
S2	62.500	63.731	1.23	1.97	2.6249	.003	1
S3	125.00	125.09	.086	.069	5.1507	.041	1
S4	250.00	250.50	.502	.201	10.314	.133	1
S5	500.00	493.02	-6.98	-1.40	20.297	.399	1
S6	800.00	804.94	4.94	.618	33.112	.135	1



Cr 267.716 {126}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Curvilinear

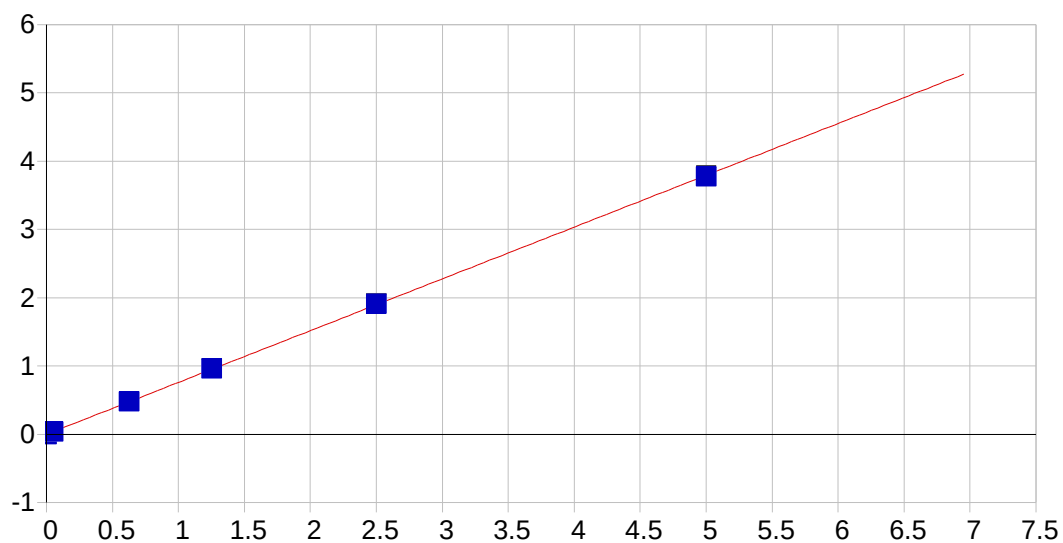
Weighting: 1/Conc

A0 (Offset): 0.000073
 A1 (Gain): 0.136958
 A2 (Curvature): -0.000380
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000039
 Predicted MDL: 0.000479
 Predicted MQL: 0.001596

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.01017	.000	1.75	.00148	.000	1
S2	3.8750	3.9602	.085	2.20	.53787	.006	1
S3	7.7500	7.7736	.024	.305	1.0445	.004	1
S4	15.500	15.303	-.197	-1.27	2.0124	.028	1
S5	31.000	31.089	.089	.288	3.9017	.018	1



Co 228.616 {448}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000320

Re-Slope: 1.000000

A1 (Gain): 0.758786

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

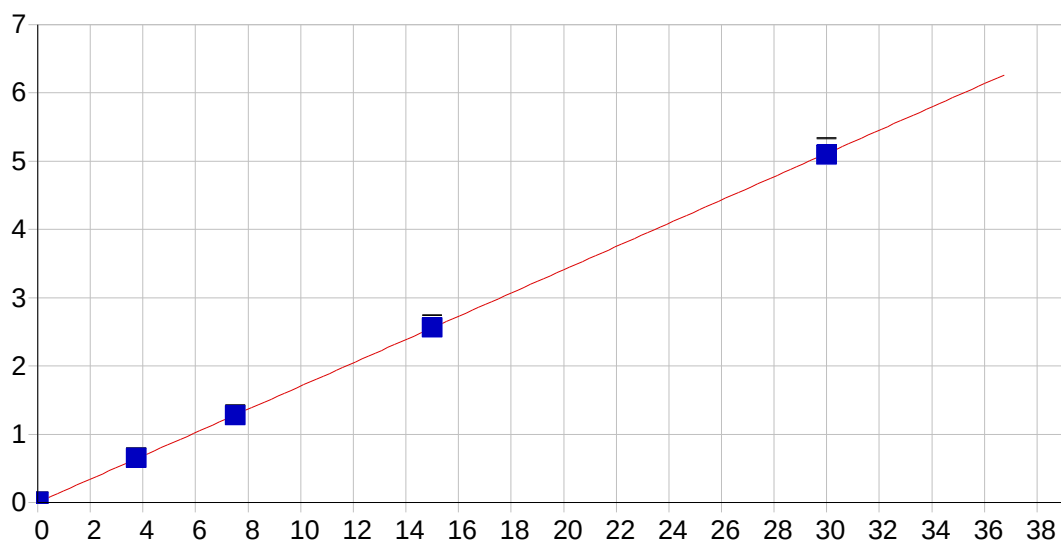
Status: OK.

Std Error of Est: 0.000143

Predicted MDL: 0.000218

Predicted MQL: 0.000725

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.05000	.04835	-.002	-3.30	.03651	.000	1
S2	.62500	.63074	.006	.919	.47927	.002	1
S3	1.2500	1.2616	.012	.929	.95895	.003	1
S4	2.5000	2.5141	.014	.565	1.9113	.005	1
S5	5.0000	4.9702	-.030	-.596	3.7789	.012	1



Cu 324.754 {104}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001118

Re-Slope: 1.000000

A1 (Gain): 0.170405

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

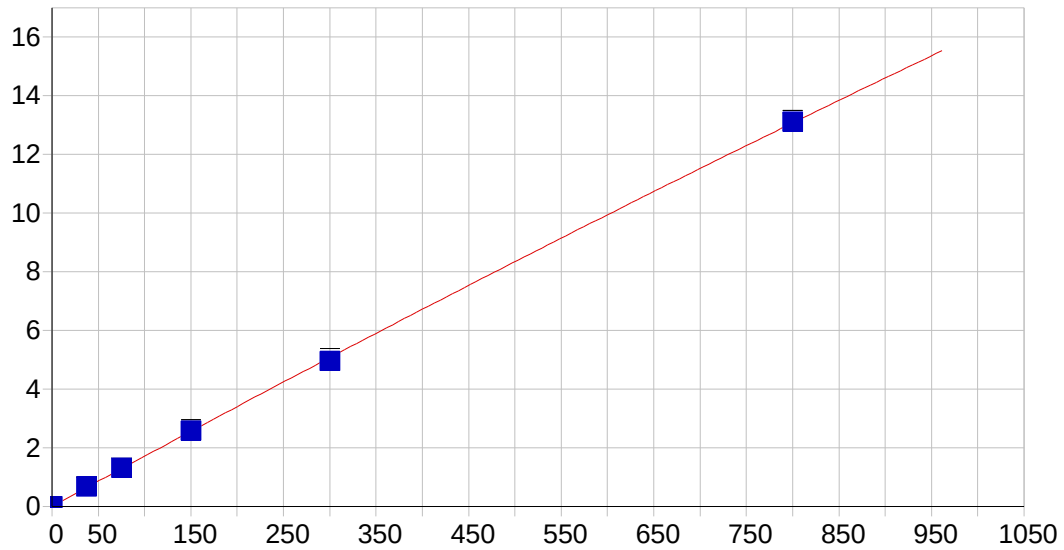
Status: OK.

Std Error of Est: 0.000050

Predicted MDL: 0.002104

Predicted MQL: 0.007015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00112	.000	1
S1	.02500	.02559	.001	2.37	.00545	.000	1
S2	3.7500	3.8327	.083	2.21	.65241	.002	1
S3	7.5000	7.4745	-.025	-.340	1.2712	.009	1
S4	15.000	15.032	.032	.211	2.5553	.042	1
S5	30.000	29.911	-.089	-.298	5.0835	.098	1



Fe 259.837 {130}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000198

Re-Slope: 1.000000

A1 (Gain): 0.017269

Y-int: 0.000000

A2 (Curvature): -0.000001

n (Exponent): 1.000000

Correlation: 0.999873

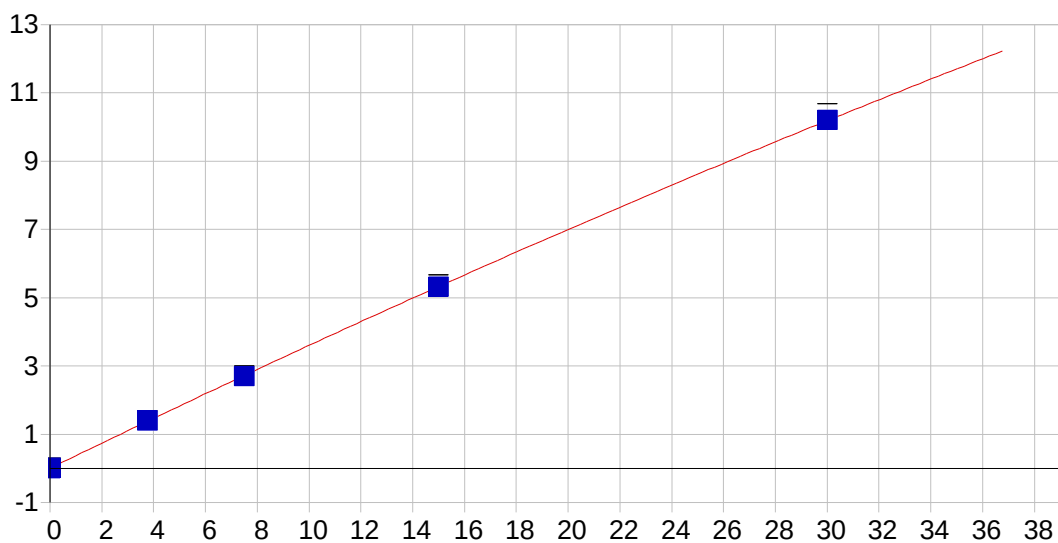
Status: OK.

Std Error of Est: 0.000129

Predicted MDL: 0.011479

Predicted MQL: 0.038263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00020	.000	1
S1	.10000	.10098	.001	.983	.00195	.000	1
S2	37.500	39.440	1.94	5.17	.68026	.001	1
S3	75.000	76.714	1.71	2.28	1.3197	.008	1
S4	150.00	151.30	1.30	.869	2.5897	.036	1
S5	300.00	292.65	-7.35	-2.45	4.9613	.093	1
S6	800.00	802.42	2.42	.302	13.122	.045	1



Mn 257.610 {131}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000190

Re-Slope: 1.000000

A1 (Gain): 0.370783

Y-int: 0.000000

A2 (Curvature): -0.001039

n (Exponent): 1.000000

Correlation: 0.999982

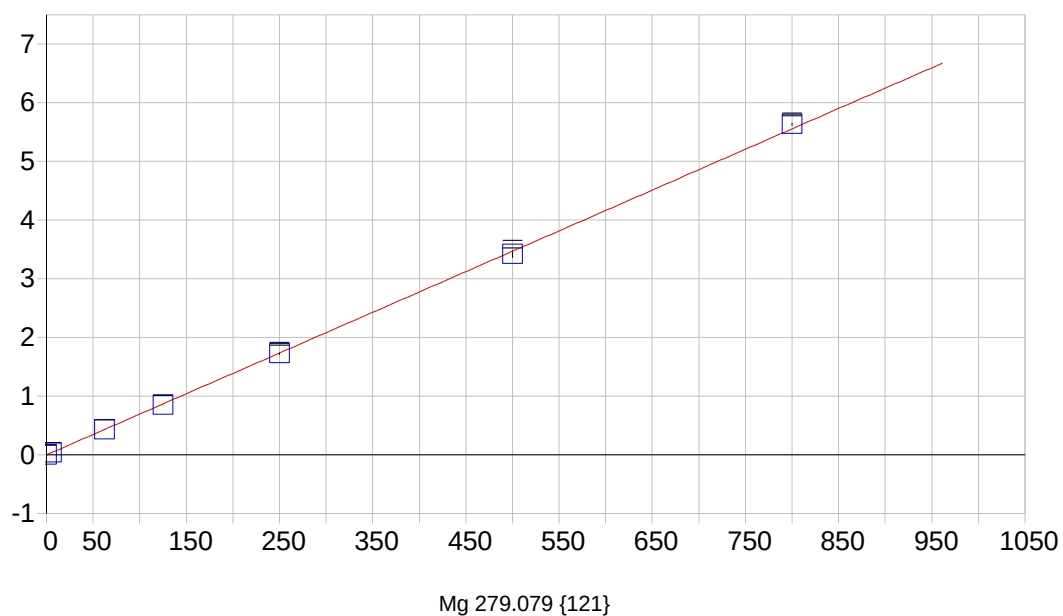
Status: OK.

Std Error of Est: 0.000085

Predicted MDL: 0.000607

Predicted MQL: 0.002022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01500	.01597	.001	6.49	.00574	.000	1
S2	3.7500	3.8184	.068	1.82	1.4008	.000	1
S3	7.5000	7.4478	-.052	-.696	2.7043	.014	1
S4	15.000	14.952	-.048	-.321	5.3127	.074	1
S5	30.000	30.031	.031	.105	10.201	.191	1



Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000268

Re-Slope: 1.000000

A1 (Gain): 0.006944

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999904

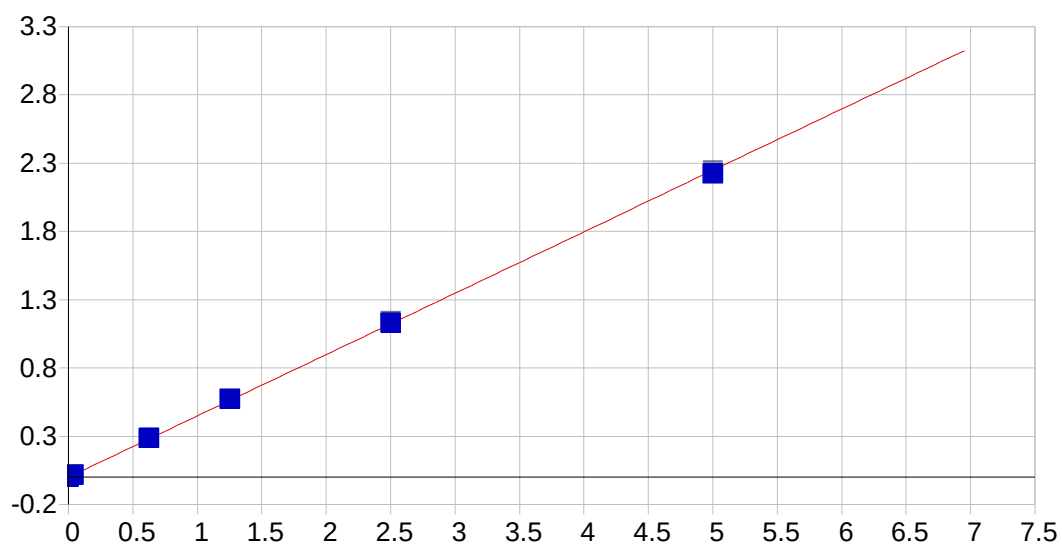
Status: OK.

Std Error of Est: 0.000336

Predicted MDL: 0.033790

Predicted MQL: 0.112632

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	-.00027	.000	1
S1	5.0000	5.0576	.058	1.15	.03485	.000	1
S2	62.500	61.805	-.695	-1.11	.42892	.002	1
S3	125.00	122.40	-2.60	-2.08	.84973	.005	1
S4	250.00	248.85	-1.15	-.461	1.7278	.023	1
S5	500.00	492.89	-7.11	-1.42	3.4225	.064	1
S6	800.00	811.50	11.5	1.44	5.6350	.021	1



Ni 231.604 {446}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000328

Re-Slope: 1.000000

A1 (Gain): 0.449460

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999928

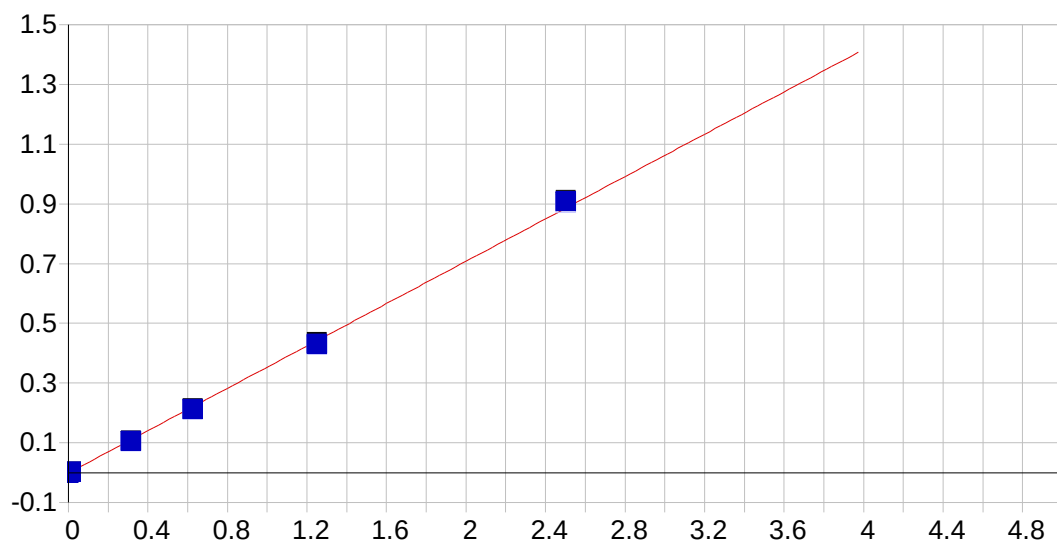
Status: OK.

Std Error of Est: 0.000129

Predicted MDL: 0.000371

Predicted MQL: 0.001238

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.04000	.03971	.000	-.726	.01754	.000	1
S2	.62500	.63913	.014	2.26	.28841	.001	1
S3	1.2500	1.2710	.021	1.68	.57389	.002	1
S4	2.5000	2.5184	.018	.738	1.1375	.003	1
S5	5.0000	4.9467	-.053	-1.07	2.2348	.007	1



Ag 328.068 {103}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001272

Re-Slope: 1.000000

A1 (Gain): 0.354502

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999561

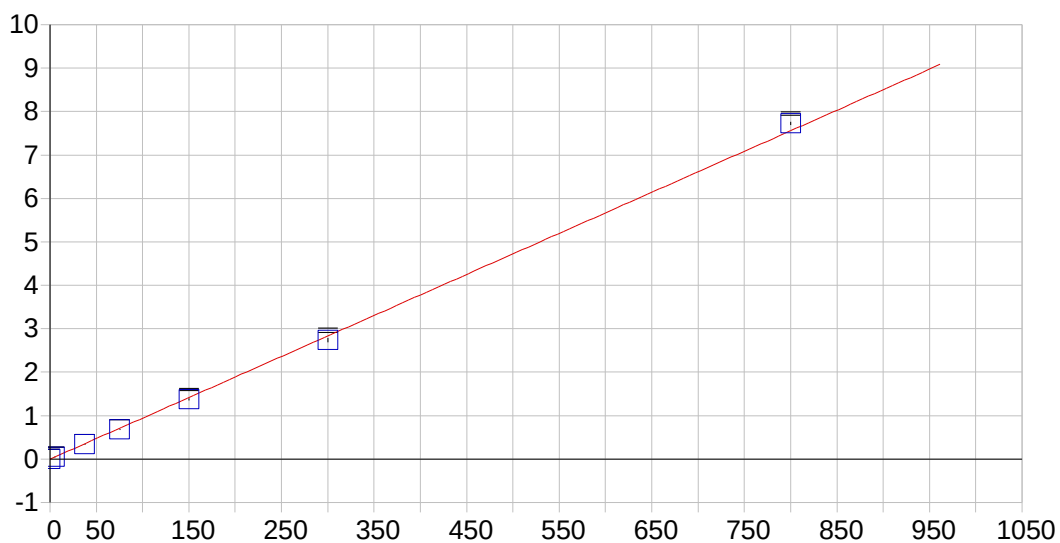
Status: OK.

Std Error of Est: 0.000088

Predicted MDL: 0.000353

Predicted MQL: 0.001178

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00127	.000	1
S1	.01000	.00989	.000	-1.13	.00222	.000	1
S2	.31250	.29969	-.013	-4.10	.10421	.001	1
S3	.62500	.60169	-.023	-3.73	.21052	.001	1
S4	1.2500	1.2181	-.032	-2.56	.42751	.005	1
S5	2.5000	2.5682	.068	2.73	.90310	.004	1



Na 818.326 { 41}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001665

Re-Slope: 1.000000

A1 (Gain): 0.009449

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999629

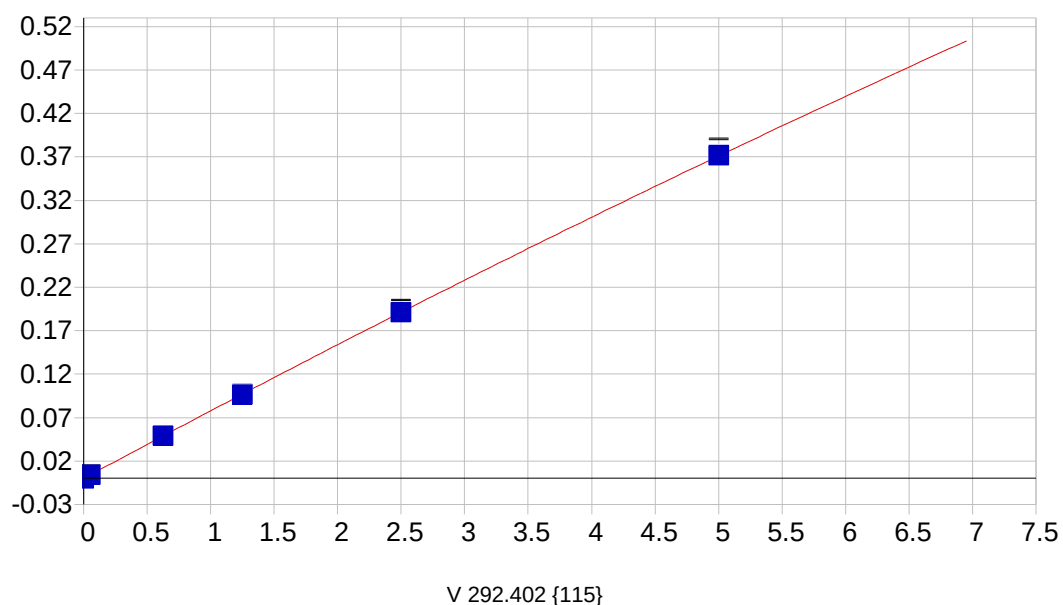
Status: OK.

Std Error of Est: 0.000796

Predicted MDL: 0.169321

Predicted MQL: 0.564403

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.001	.000	-.00166	.002	1
S1	5.0000	5.0217	.022	.433	.04579	.001	1
S2	37.500	36.583	-.917	-2.45	.34402	.000	1
S3	75.000	72.006	-2.99	-3.99	.67875	.005	1
S4	150.00	145.47	-4.53	-3.02	1.3729	.022	1
S5	300.00	290.19	-9.81	-3.27	2.7405	.047	1
S6	800.00	818.23	18.2	2.28	7.7301	.035	1



Date of Fit: 4/7/2017 13:13:28

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000141

Re-Slope: 1.000000

A1 (Gain): 0.078860

Y-int: 0.000000

A2 (Curvature): -0.000923

n (Exponent): 1.000000

Correlation: 0.999979

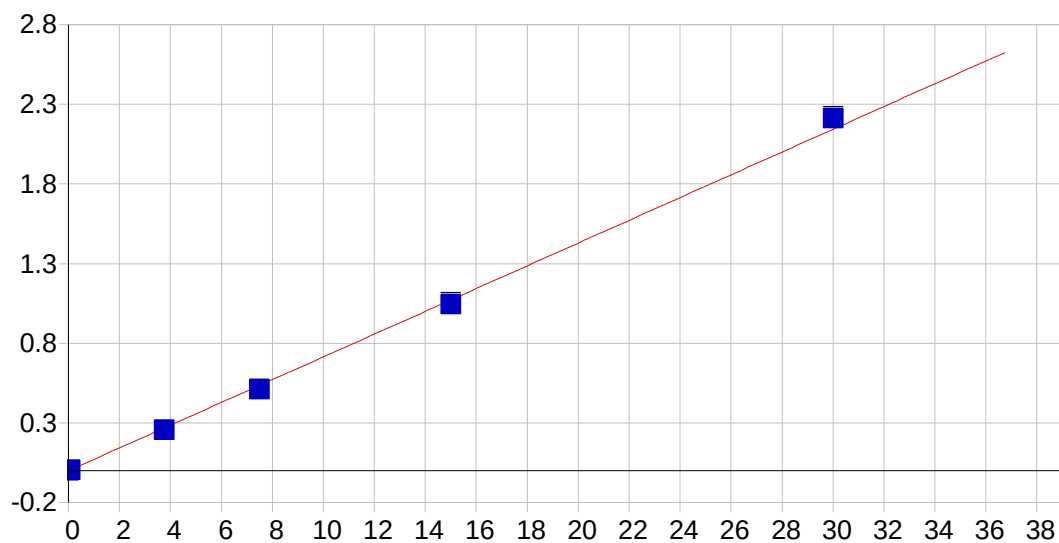
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.003388

Predicted MQL: 0.011293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.05000	.05366	.004	7.33	.00410	.000	1
S2	.62500	.62970	.005	.752	.04936	.000	1
S3	1.2500	1.2410	-.009	-.721	.09671	.000	1
S4	2.5000	2.4976	-.002	-.094	.19189	.003	1
S5	5.0000	5.0030	.003	.061	.37294	.007	1



Zn 213.856 {158}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000625

Re-Slope: 1.000000

A1 (Gain): 0.071460

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999403

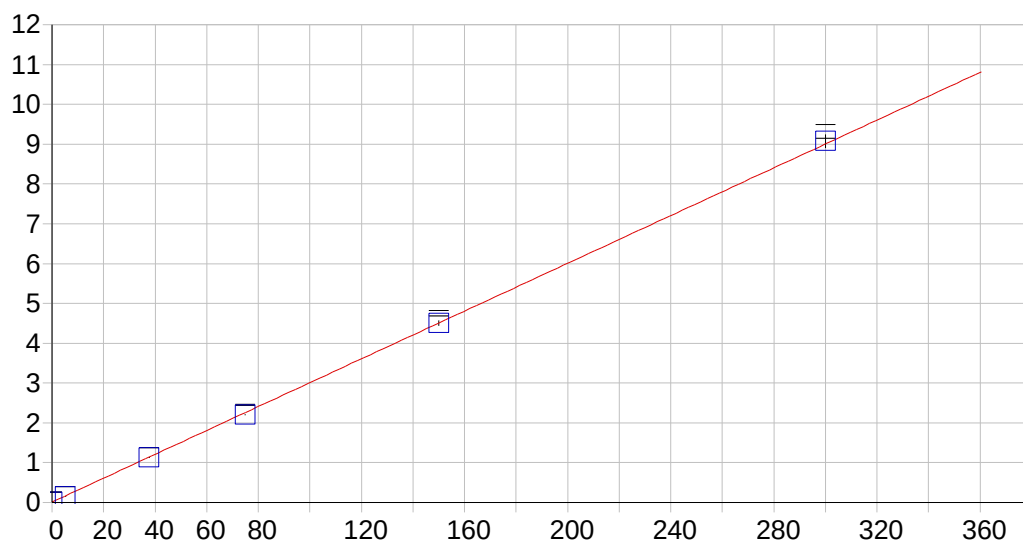
Status: OK.

Std Error of Est: 0.000176

Predicted MDL: 0.008648

Predicted MQL: 0.028826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00062	.000	1
S1	.06000	.04931	-.011	-17.8	.00291	.001	1
S2	3.7500	3.5608	-.189	-5.04	.25447	.001	1
S3	7.5000	7.1389	-.361	-4.81	.51081	.002	1
S4	15.000	14.623	-.377	-2.51	1.0469	.010	1
S5	30.000	30.938	.938	3.13	2.2153	.010	1



K 769.896 { 44}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.010951

Re-Slope: 1.000000

A1 (Gain): 0.029978

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999946

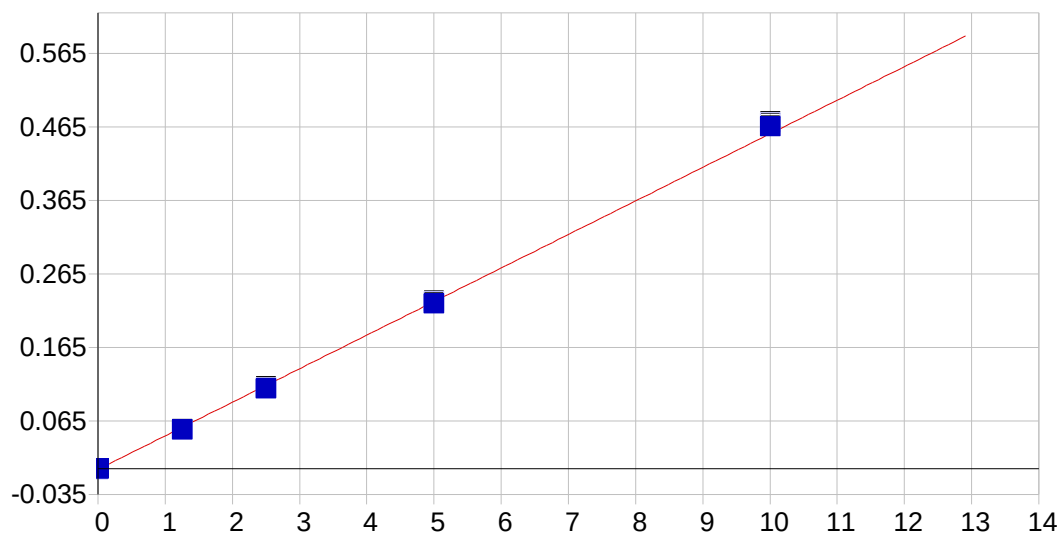
Status: OK.

Std Error of Est: 0.000642

Predicted MDL: 0.044260

Predicted MQL: 0.147535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.01096	.001	1
S1	5.0000	4.8421	-.158	-3.16	.15611	.002	1
S2	37.500	37.188	-.312	-.832	1.1258	.002	1
S3	75.000	73.353	-1.65	-2.20	2.2100	.014	1
S4	150.00	149.83	-.166	-.111	4.5027	.072	1
S5	300.00	302.28	2.28	.761	9.0729	.167	1



P 177.495 {490}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000866

Re-Slope: 1.000000

A1 (Gain): 0.045642

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999656

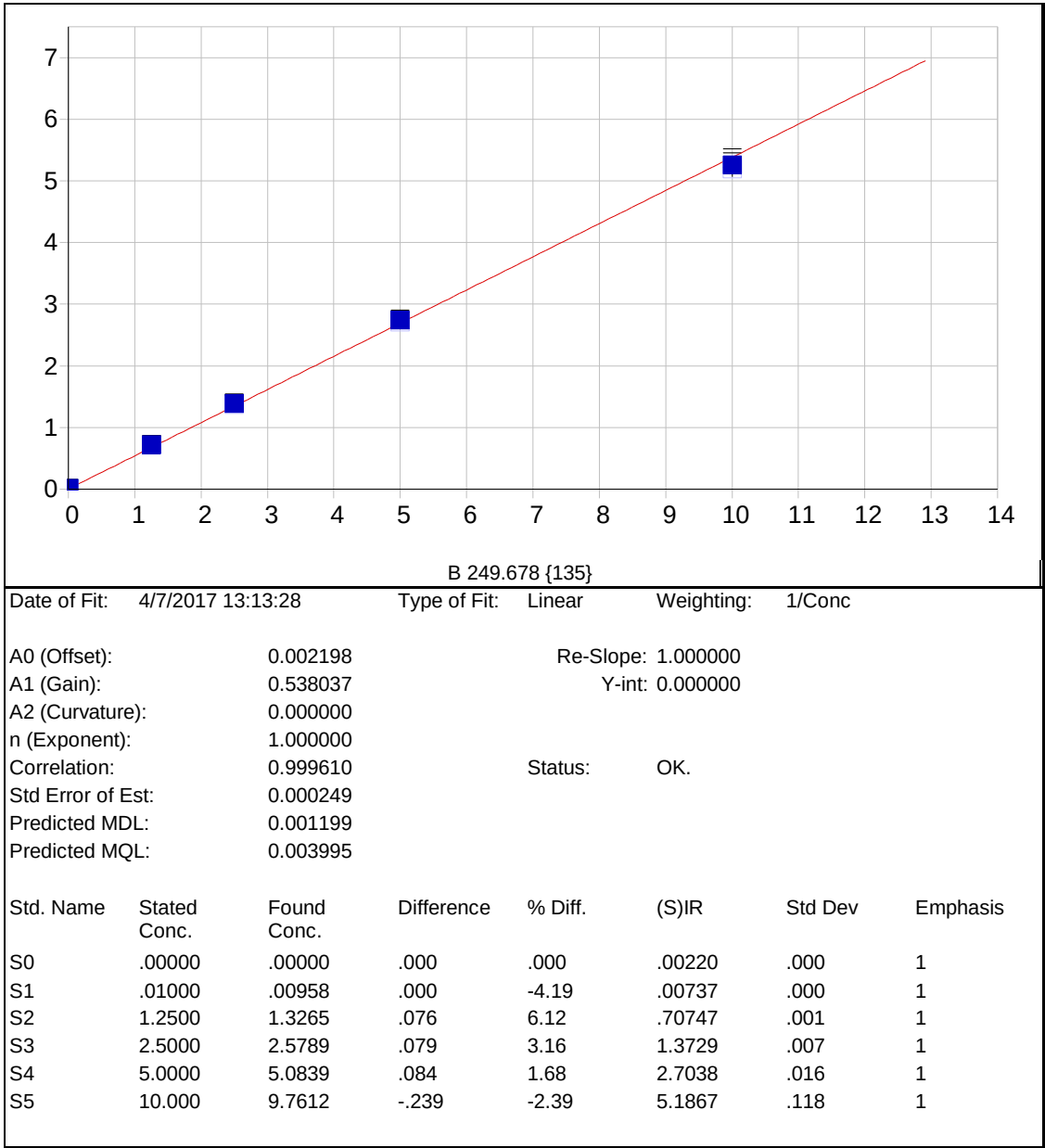
Status: OK.

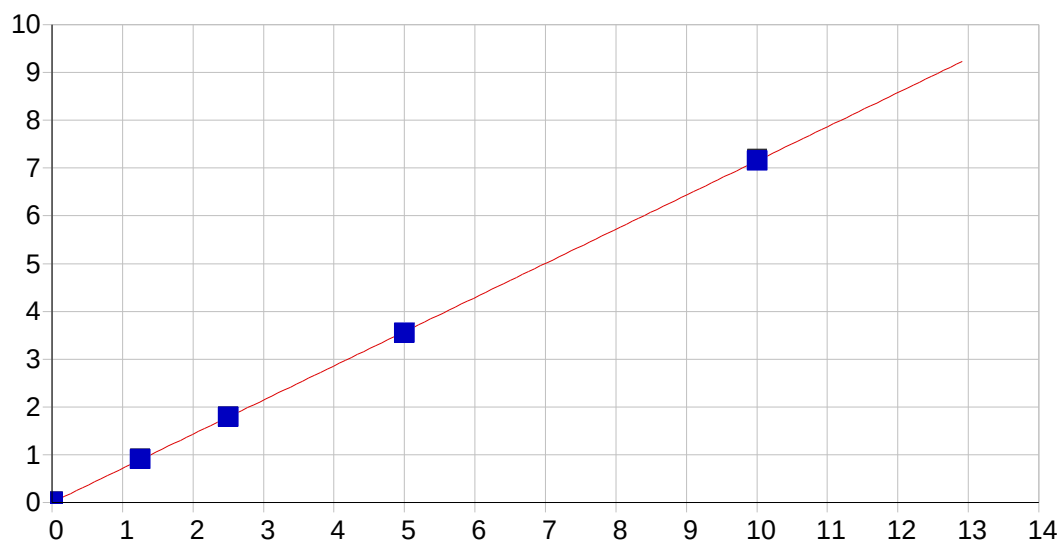
Std Error of Est: 0.000020

Predicted MDL: 0.002023

Predicted MQL: 0.006743

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00087	.000	1
S1	.01000	.01279	.003	27.9	-.00027	.000	1
S2	1.2500	1.1780	-.072	-5.76	.05364	.000	1
S3	2.5000	2.4098	-.090	-3.61	.11060	.001	1
S4	5.0000	4.9469	-.053	-1.06	.22787	.001	1
S5	10.000	10.212	.212	2.12	.47116	.001	1





Mo 202.030 {467}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000287

Re-Slope: 1.000000

A1 (Gain): 0.714816

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

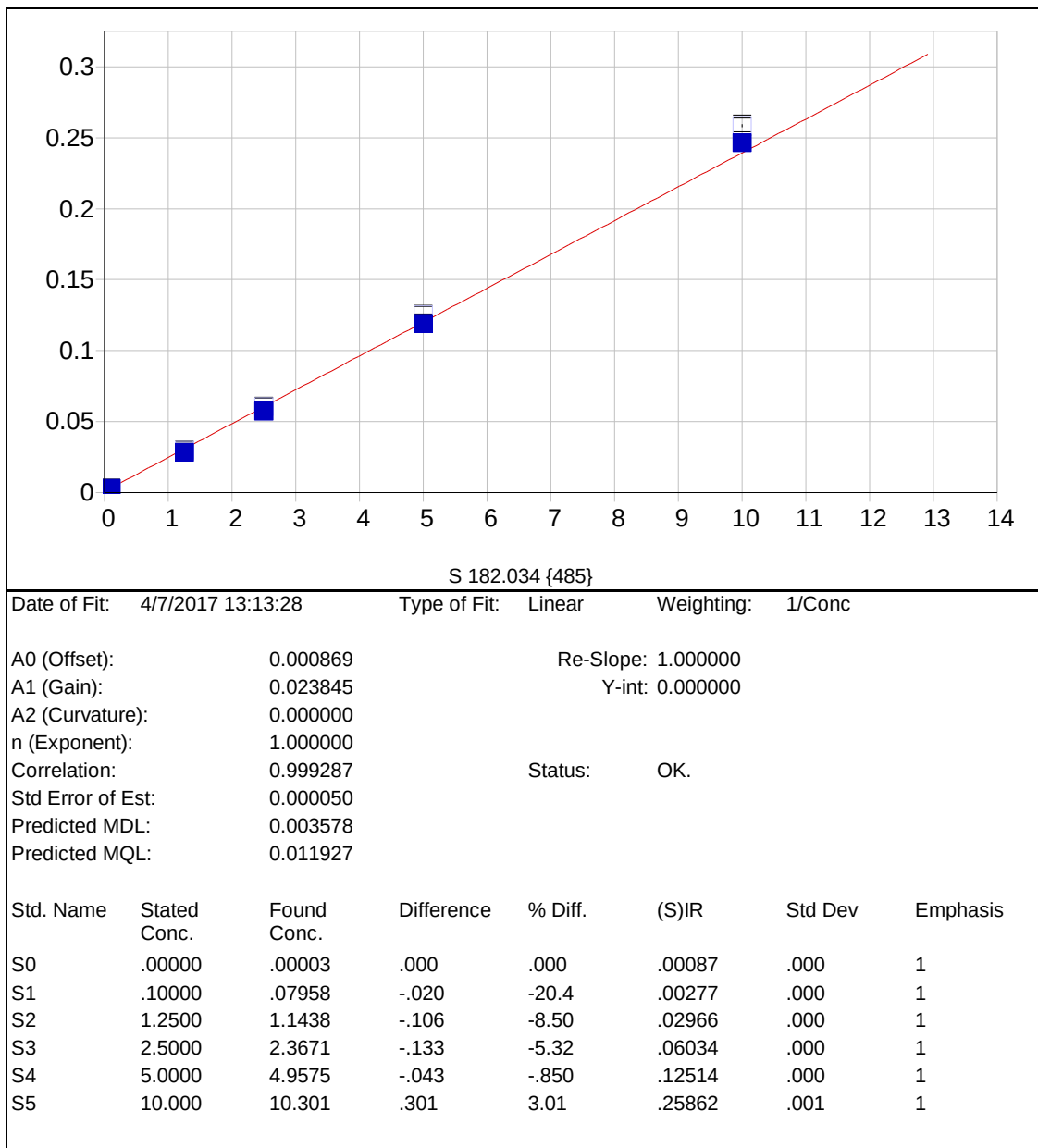
Status: OK.

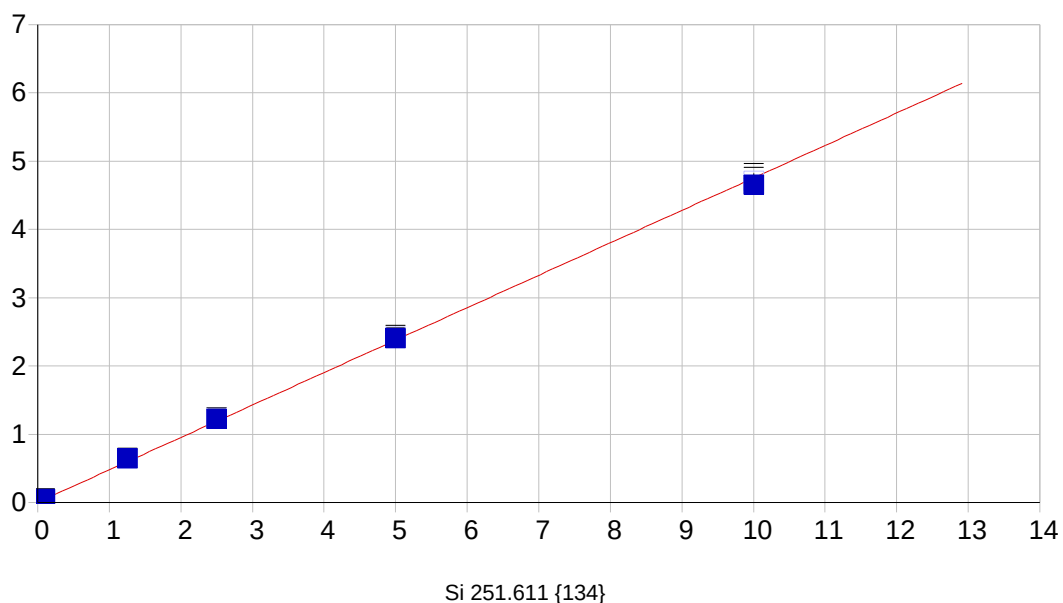
Std Error of Est: 0.000062

Predicted MDL: 0.000266

Predicted MQL: 0.000887

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.01000	.01062	.001	6.22	.00790	.000	1
S2	1.2500	1.2669	.017	1.35	.90668	.001	1
S3	2.5000	2.5031	.003	.123	1.7911	.003	1
S4	5.0000	4.9671	-.033	-.659	3.5541	.002	1
S5	10.000	10.012	.012	.124	7.1638	.020	1





Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001958

Re-Slope: 1.000000

A1 (Gain): 0.475317

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999634

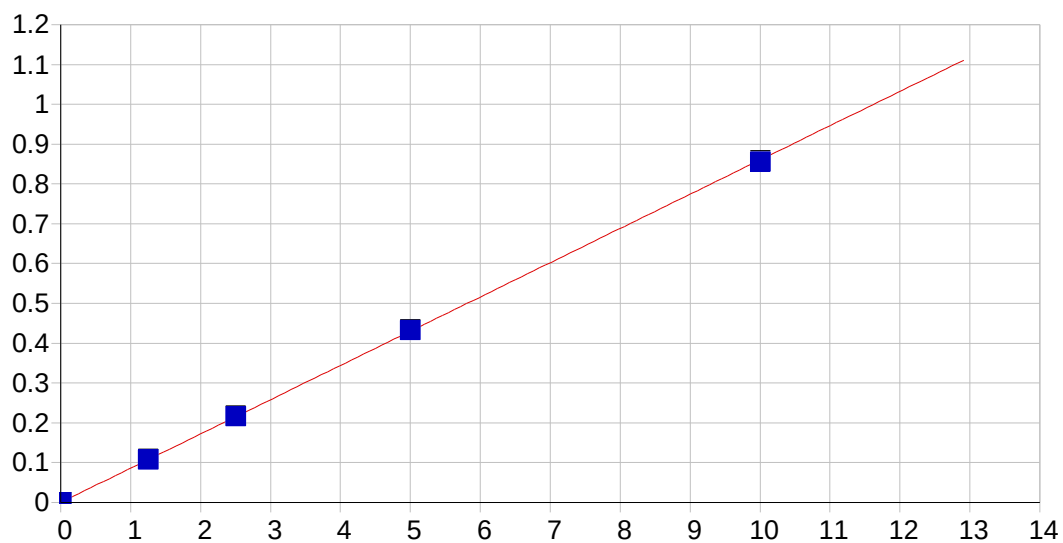
Status: OK.

Std Error of Est: 0.000692

Predicted MDL: 0.000988

Predicted MQL: 0.003295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00195	.000	1
S1	.10000	.10430	.004	4.30	.05171	.001	1
S2	1.2500	1.3419	.092	7.35	.64680	.002	1
S3	2.5000	2.5704	.070	2.82	1.2377	.011	1
S4	5.0000	5.0504	.050	1.01	2.4305	.018	1
S5	10.000	9.7830	-.217	-2.17	4.7080	.114	1



Sn 189.989 {478}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000117

Re-Slope: 1.000000

A1 (Gain): 0.086024

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

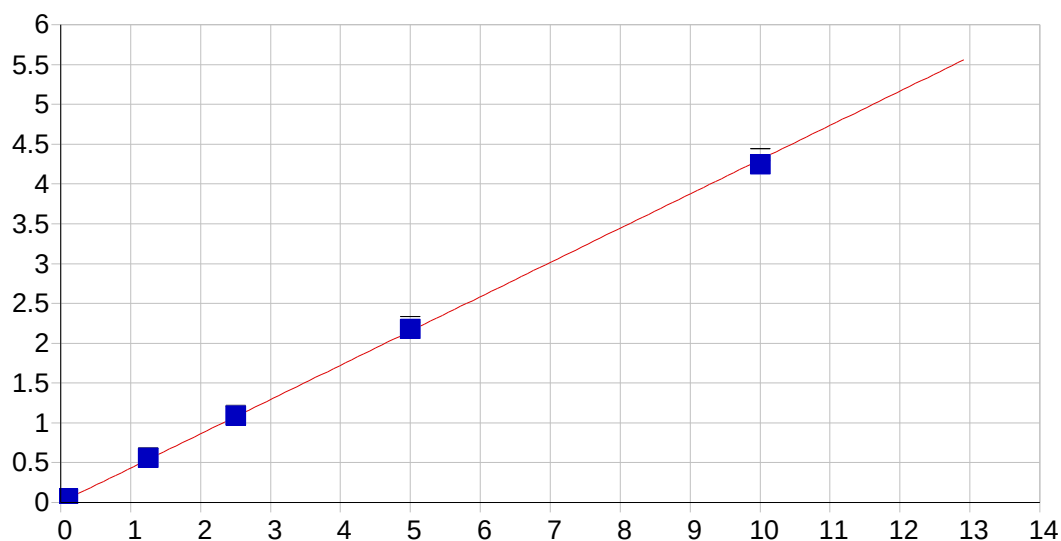
Status: OK.

Std Error of Est: 0.000008

Predicted MDL: 0.000998

Predicted MQL: 0.003327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00593	-.001	-15.2	.00062	.000	1
S2	1.2500	1.2538	.004	.301	.10789	.001	1
S3	2.5000	2.5144	.014	.577	.21625	.001	1
S4	5.0000	5.0341	.034	.683	.43283	.001	1
S5	10.000	9.9487	-.051	-.513	.85527	.003	1



Ti 336.121 {100}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001978

Re-Slope: 1.000000

A1 (Gain): 0.430313

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999870

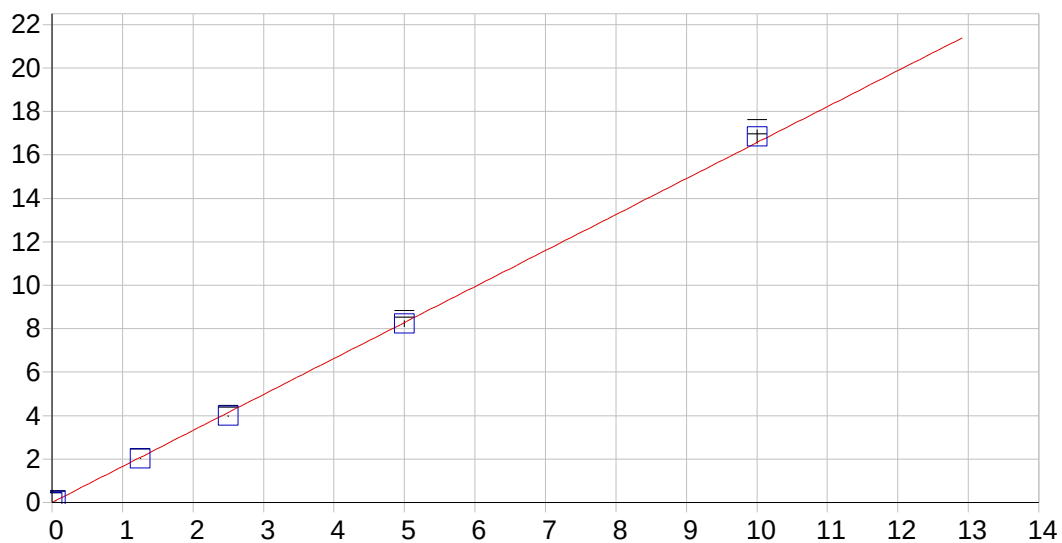
Status: OK.

Std Error of Est: 0.000368

Predicted MDL: 0.001058

Predicted MQL: 0.003528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00197	.000	1
S1	.10000	.10505	.005	5.05	.04717	.001	1
S2	1.2500	1.2974	.047	3.79	.56008	.000	1
S3	2.5000	2.5310	.031	1.24	1.0907	.007	1
S4	5.0000	5.0535	.053	1.07	2.1758	.034	1
S5	10.000	9.8631	-.137	-1.37	4.2447	.075	1



Li 670.784 { 50}

Date of Fit: 4/7/2017 13:13:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003185

Re-Slope: 1.000000

A1 (Gain): 1.656354

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999787

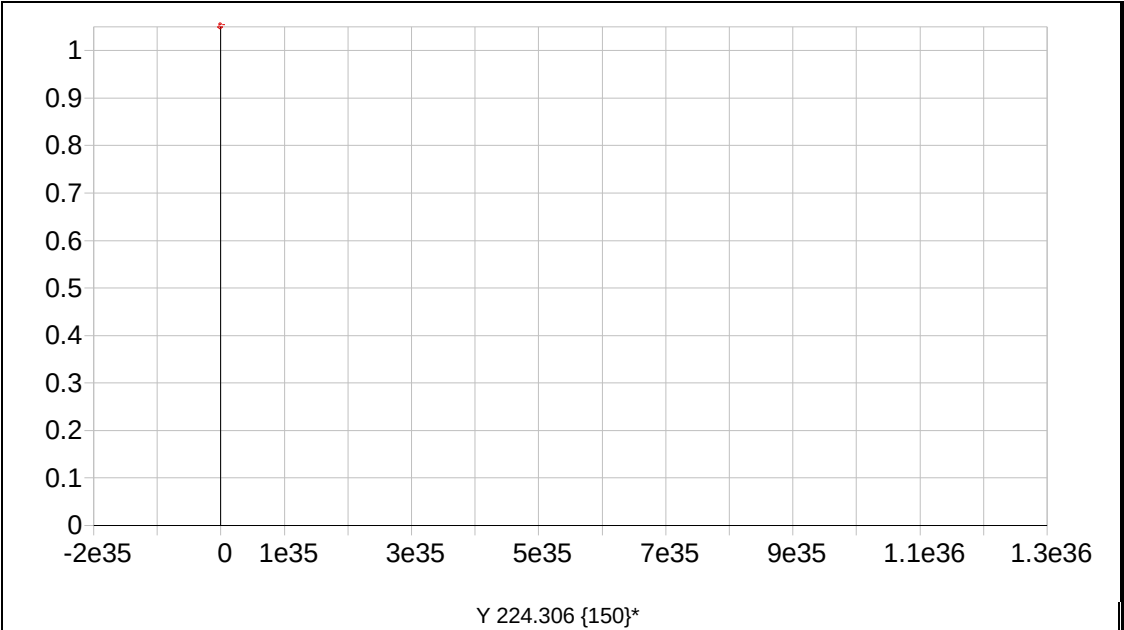
Status: OK.

Std Error of Est: 0.001282

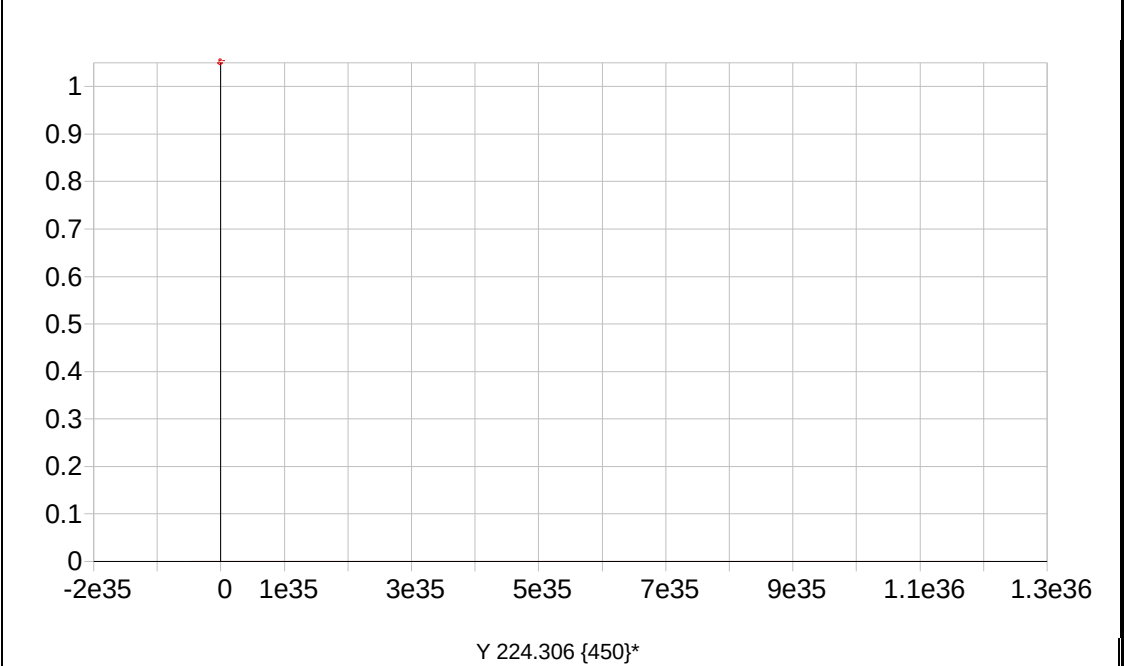
Predicted MDL: 0.001007

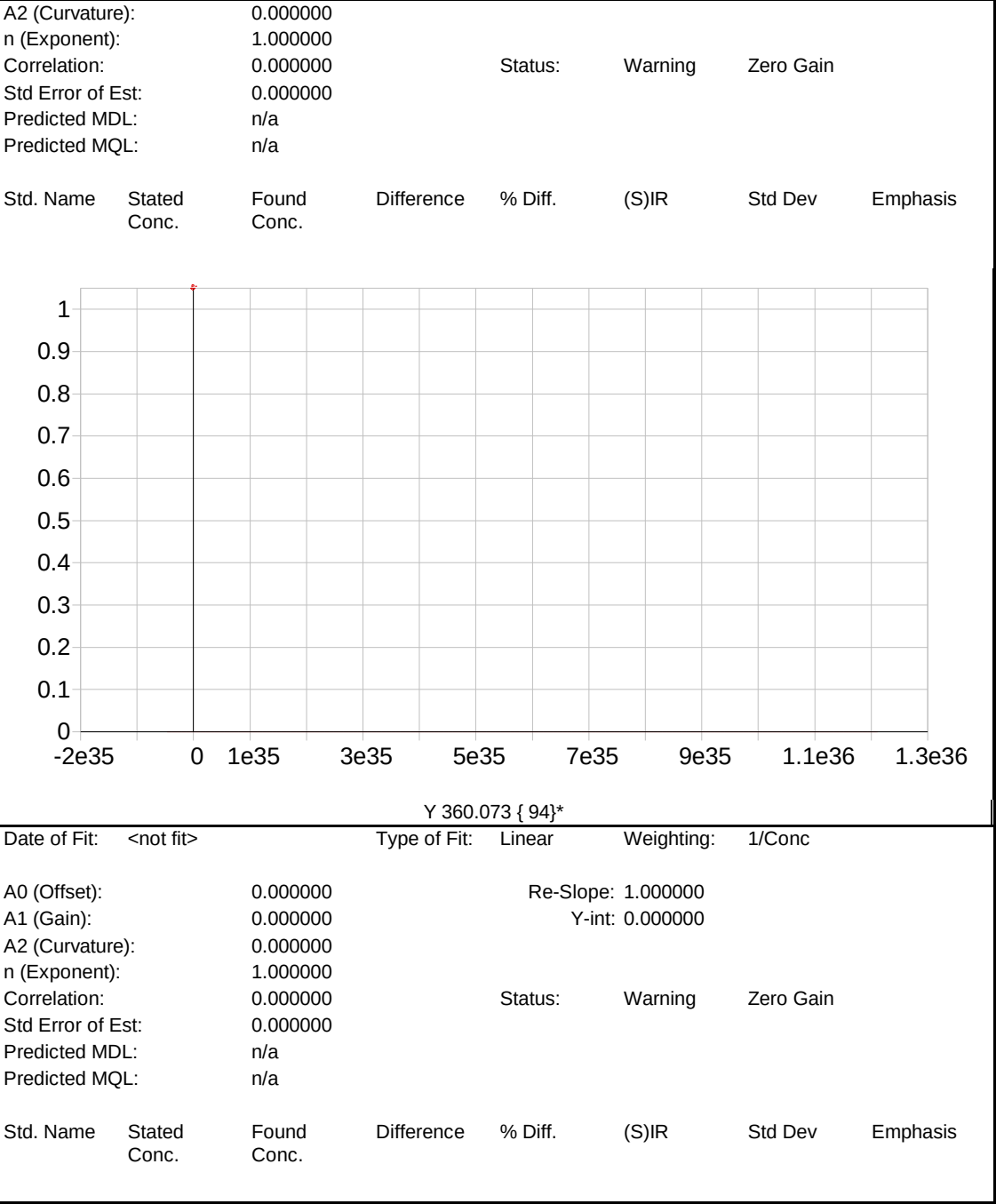
Predicted MQL: 0.003358

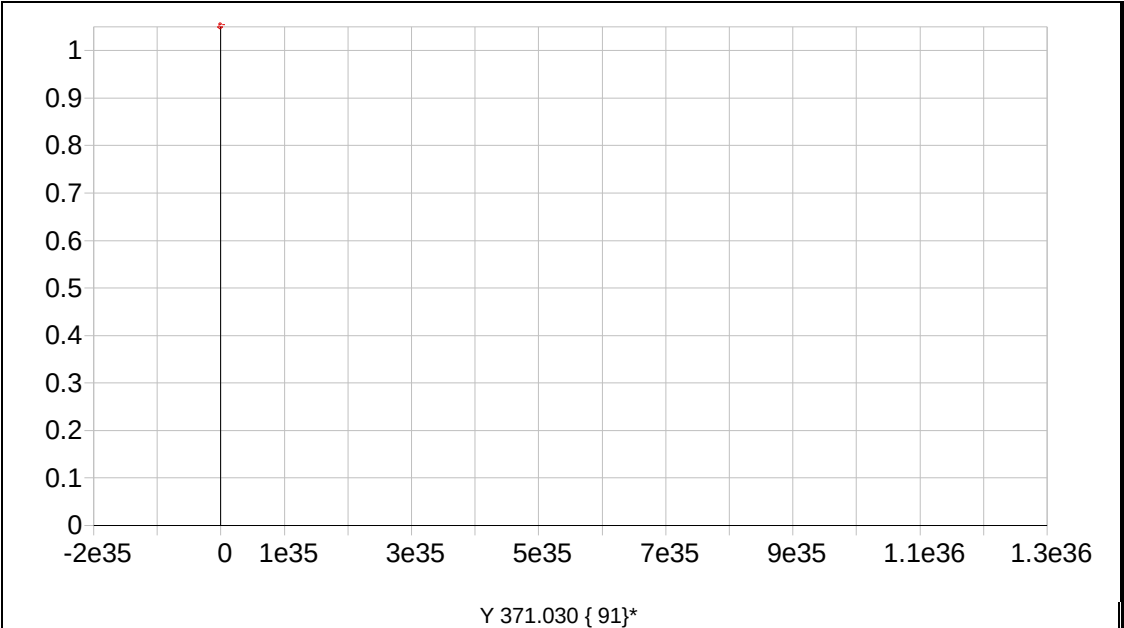
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00320	.000	1
S5	10.000	10.167	.167	1.67	16.843	.338	1
S4	5.0000	4.9687	-.031	-.625	8.2332	.144	1
S3	2.5000	2.4017	-.098	-3.93	3.9813	.030	1
S2	1.2500	1.2160	-.034	-2.72	2.0173	.004	1
S1	.05000	.04661	-.003	-6.78	.08039	.001	1



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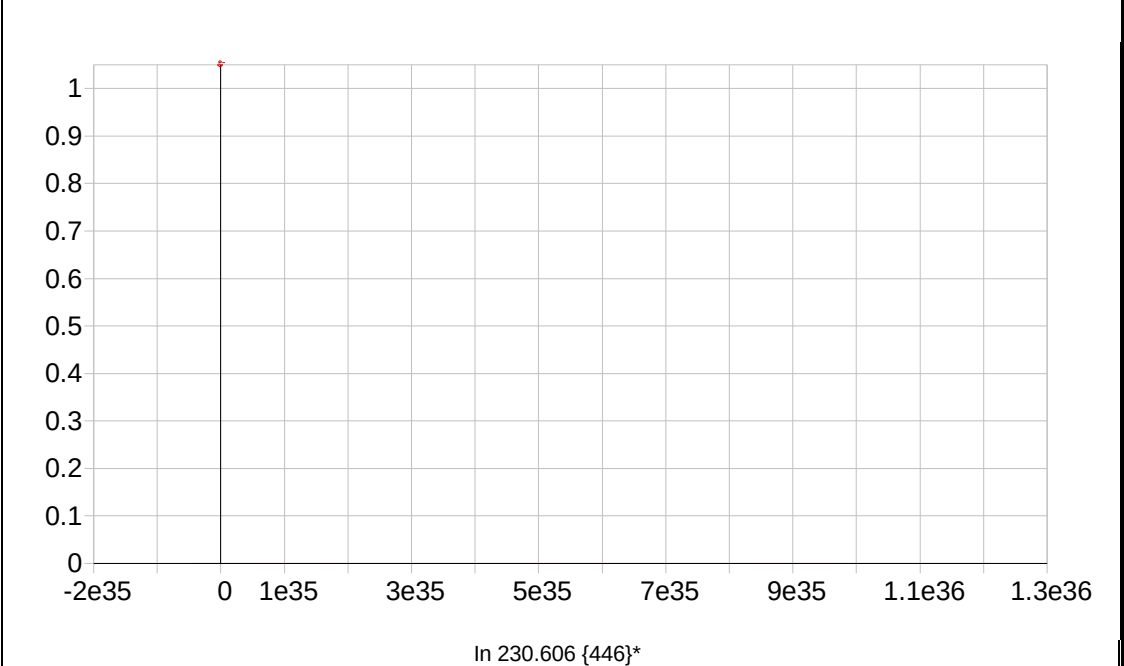




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

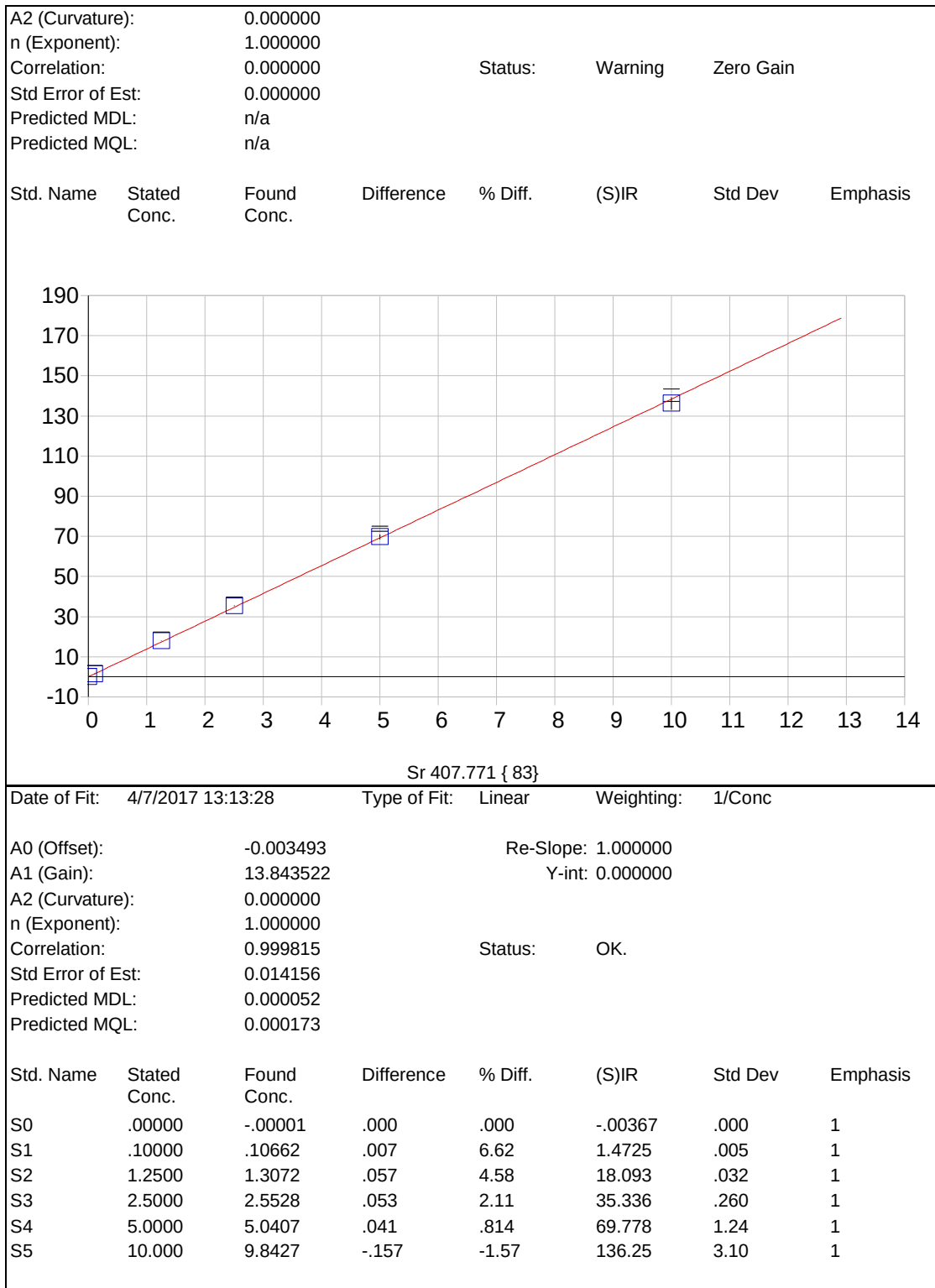
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 4/7/2017 12:07:03 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	-.00019	-.00052	.00006	.00030	.00013	.00004	-.01020	-.00170
Stddev	.00015	.00008	.00032	.00010	.00017	.00047	.00136	.00023
%RSD	82.555	14.927	523.09	32.996	130.50	1268.9	13.299	13.720

#1	-.00001	-.00060	.00023	.00032	.00028	.00009	-.00932	-.00179
#2	-.00028	-.00045	-.00030	.00019	-.00005	-.00046	-.01176	-.00187
#3	-.00028	-.00052	.00025	.00039	.00015	.00048	-.00951	-.00143

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	-.00028	.00115	.00007	-.00032	.00112	.00020	-.00019	-.00027
Stddev	.00010	.00046	.00006	.00018	.00022	.00011	.00018	.00032
%RSD	35.721	39.641	84.344	56.586	19.436	57.687	94.931	120.12

#1	-.00019	.00137	.00005	-.00017	.00107	.00032	.00002	.00009
#2	-.00026	.00063	.00003	-.00026	.00135	.00009	-.00029	-.00035
#3	-.00038	.00146	.00014	-.00052	.00093	.00019	-.00030	-.00054

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	-.00033	-.00127	-.00166	-.00014	-.00062	.01096	-.00087	.00220
Stddev	.00011	.00006	.00165	.00013	.00021	.00050	.00007	.00029
%RSD	32.387	4.6536	99.499	92.698	34.135	4.5777	7.8066	13.248

#1	-.00032	-.00132	-.00340	-.00007	-.00040	.01142	-.00087	.00195
#2	-.00044	-.00121	-.00148	-.00006	-.00064	.01103	-.00080	.00213
#3	-.00023	-.00129	-.00011	-.00029	-.00083	.01043	-.00093	.00252

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	.00029	.00087	.00195	.00012	.00197	.00320	-.00367	
Stddev	.00014	.00003	.00011	.00004	.00014	.00043	.00011	
%RSD	48.804	3.8544	5.7560	36.696	7.2548	13.494	3.0760	

#1	.00013	.00086	.00204	.00010	.00190	.00311	-.00365	
#2	.00039	.00091	.00183	.00008	.00214	.00282	-.00356	
#3	.00034	.00084	.00199	.00017	.00189	.00366	-.00379	

Sample Name: S0 Acquired: 4/7/2017 12:07:03 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	1416.8	2491.2	40231.	5470.9	4091.5
Stddev	1.7	3.5	66.	26.6	4.2
%RSD	.11856	.14100	.16367	.48672	.10156
#1	1417.0	2490.4	40281.	5469.6	4090.3
#2	1418.4	2495.1	40257.	5498.2	4096.2
#3	1415.0	2488.2	40157.	5444.9	4088.1

Sample Name: S1 Acquired: 4/7/2017 12:11:15 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.00042	.00136	.00204	.00319	.00903	.01677	.75041	.02522
Stddev	.00011	.00018	.00024	.00007	.00020	.00068	.00414	.00015
%RSD	25.243	13.154	12.020	2.2830	2.2648	4.0556	.55185	.60252

#1	.00053	.00153	.00210	.00323	.00893	.01679	.74781	.02509
#2	.00042	.00139	.00224	.00323	.00889	.01745	.75519	.02518
#3	.00031	.00117	.00177	.00310	.00926	.01609	.74824	.02539

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	.01038	.21645	.00148	.03651	.00545	.00195	.00574	.03485
Stddev	.00018	.00112	.00008	.00021	.00013	.00001	.00004	.00026
%RSD	1.6954	.51889	5.2970	.57583	2.3626	.60001	.71171	.74046

#1	.01032	.21543	.00143	.03669	.00547	.00194	.00570	.03479
#2	.01024	.21765	.00145	.03655	.00557	.00196	.00572	.03513
#3	.01058	.21625	.00157	.03628	.00531	.00196	.00578	.03463

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	.01754	.00222	.04579	.00410	.00291	.15611	-.00027	.00737
Stddev	.00007	.00004	.00102	.00011	.00054	.00213	.00007	.00015
%RSD	.37980	1.8049	2.2176	2.6105	18.377	1.3671	27.331	2.0511

#1	.01762	.00227	.04532	.00412	.00337	.15409	-.00019	.00723
#2	.01751	.00222	.04695	.00398	.00305	.15834	-.00031	.00734
#3	.01750	.00219	.04509	.00419	.00232	.15589	-.00032	.00753

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	.00790	.00277	.05171	.00062	.04717	.08039	1.4725	
Stddev	.00012	.00003	.00068	.00003	.00056	.00080	.0052	
%RSD	1.4576	1.1256	1.3166	5.4784	1.1972	1.0007	.35296	

#1	.00777	.00280	.05151	.00058	.04691	.08003	1.4666	
#2	.00791	.00274	.05246	.00063	.04782	.08131	1.4760	
#3	.00800	.00277	.05114	.00065	.04679	.07983	1.4750	

Sample Name: S1 Acquired: 4/7/2017 12:11:15 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	1394.4	2464.3	39596.	5480.4	4017.5
Stddev	3.3	9.6	85.	13.2	19.7
%RSD	.23682	.38947	.21397	.24162	.48957
#1	1391.5	2453.8	39499.	5491.3	3999.5
#2	1393.7	2466.6	39656.	5465.7	4014.3
#3	1398.0	2472.6	39634.	5484.3	4038.5

Sample Name: S2 Acquired: 4/7/2017 12:15:25 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.06843	.09537	1.1796	.10374	.19362	3.1935	9.5011	.63057
Stddev	.00026	.00034	.0035	.00052	.00048	.0049	.0220	.00250
%RSD	.37676	.35193	.29312	.50430	.24737	.15438	.23133	.39655

#1	.06870	.09520	1.1776	.10429	.19367	3.1943	9.5158	.63197
#2	.06840	.09576	1.1836	.10326	.19407	3.1882	9.4759	.63205
#3	.06818	.09516	1.1776	.10367	.19311	3.1980	9.5117	.62768

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	1.3688	2.6249	.53787	.47927	.65241	.68026	1.4008	.42892
Stddev	.0055	.0032	.00557	.00188	.00197	.00082	.0002	.00193
%RSD	.39947	.12376	1.0346	.39177	.30158	.12036	.01512	.44953

#1	1.3645	2.6278	.53165	.47854	.65063	.68063	1.4010	.42976
#2	1.3749	2.6255	.54239	.48140	.65208	.68082	1.4007	.42671
#3	1.3669	2.6214	.53957	.47787	.65452	.67932	1.4006	.43029

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	.28841	.10421	.34402	.04936	.25447	1.1258	.05364	.70747
Stddev	.00080	.00091	.00049	.00040	.00081	.0022	.00029	.00136
%RSD	.27833	.87048	.14345	.80583	.31903	.19214	.54496	.19195

#1	.28785	.10317	.34419	.04976	.25463	1.1266	.05346	.70627
#2	.28933	.10476	.34346	.04897	.25360	1.1233	.05398	.70895
#3	.28806	.10472	.34441	.04934	.25520	1.1274	.05348	.70719

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	.90668	.02966	.64680	.10789	.56008	2.0173	18.093	
Stddev	.00083	.00010	.00172	.00055	.00026	.0036	.032	
%RSD	.09101	.32791	.26522	.51352	.04698	.17584	.17567	

#1	.90669	.02972	.64535	.10778	.56013	2.0176	18.066	
#2	.90751	.02971	.64869	.10849	.56032	2.0136	18.085	
#3	.90586	.02955	.64636	.10739	.55980	2.0207	18.128	

Sample Name: S2 Acquired: 4/7/2017 12:15:25 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	1300.4	2299.1	37298.	5374.6	3489.6
Stddev	4.1	5.1	173.	32.2	7.9
%RSD	.31248	.22036	.46448	.59885	.22776
#1	1296.4	2293.7	37475.	5342.0	3484.2
#2	1304.5	2300.0	37129.	5375.4	3485.9
#3	1300.3	2303.7	37288.	5406.3	3498.7

Sample Name: S3 Acquired: 4/7/2017 12:19:18 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.13768	.18610	2.3374	.20523	.38927	6.3016	18.696	1.2328
Stddev	.00042	.00044	.0041	.00083	.00027	.0388	.159	.0110
%RSD	.30165	.23511	.17694	.40585	.06935	.61611	.84937	.88944

#1	.13760	.18564	2.3327	.20560	.38898	6.3405	18.864	1.2438
#2	.13732	.18615	2.3406	.20428	.38952	6.3014	18.674	1.2329
#3	.13813	.18651	2.3388	.20582	.38931	6.2628	18.549	1.2218

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7271	5.1507	1.0445	.95895	1.2712	1.3197	2.7043	.84973
Stddev	.0071	.0412	.0040	.00303	.0086	.0082	.0137	.00545
%RSD	.25890	.79946	.37915	.31585	.67404	.61795	.50492	.64090

#1	2.7239	5.1898	1.0487	.95774	1.2807	1.3283	2.7187	.85577
#2	2.7222	5.1546	1.0408	.95672	1.2686	1.3189	2.7028	.84820
#3	2.7352	5.1077	1.0441	.96240	1.2642	1.3120	2.6915	.84521

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	.57389	.21052	.67875	.09671	.51081	2.2100	.11060	1.3729
Stddev	.00151	.00137	.00499	.00031	.00164	.0140	.00102	.0071
%RSD	.26367	.65198	.73562	.31939	.32170	.63210	.92019	.51497

#1	.57280	.21098	.68407	.09641	.50929	2.2250	.10947	1.3810
#2	.57326	.20897	.67801	.09703	.51058	2.2075	.11089	1.3692
#3	.57562	.21160	.67417	.09669	.51256	2.1974	.11144	1.3684

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	1.7911	.06034	1.2377	.21625	1.0907	3.9813	35.336
Stddev	.0030	.00026	.0107	.00060	.0074	.0299	.260
%RSD	.16673	.43615	.86038	.27576	.68232	.75008	.73573

#1	1.7897	.06022	1.2499	.21557	1.0978	4.0147	35.615
#2	1.7892	.06064	1.2327	.21648	1.0914	3.9717	35.292
#3	1.7946	.06016	1.2305	.21670	1.0830	3.9573	35.101

Sample Name: S3 Acquired: 4/7/2017 12:19:18 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	1260.9	2218.3	36642.	5388.1	3284.3
Stddev	6.9	3.5	124.	35.9	5.1
%RSD	.55024	.15803	.33873	.66668	.15675
#1	1257.4	2214.8	36561.	5355.6	3286.2
#2	1268.9	2218.5	36785.	5382.1	3278.4
#3	1256.5	2221.8	36582.	5426.7	3288.2

Sample Name: S4 Acquired: 4/7/2017 12:23:12 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.27992	.35727	4.6439	.41535	.79376	12.918	37.569	2.4443
Stddev	.00049	.00028	.0078	.00075	.00120	.199	.611	.0225
%RSD	.17409	.07931	.16807	.18104	.15146	1.5442	1.6270	.92025

#1	.27988	.35758	4.6495	.41587	.79492	13.111	38.173	2.4698
#2	.27945	.35702	4.6350	.41449	.79252	12.930	37.585	2.4274
#3	.28042	.35721	4.6472	.41570	.79383	12.712	36.951	2.4356

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4132	10.314	2.0124	1.9113	2.5553	2.5897	5.3127	1.7278
Stddev	.0151	.133	.0283	.0055	.0420	.0363	.0738	.0230
%RSD	.27942	1.2861	1.4038	.28532	1.6454	1.4013	1.3897	1.3311

#1	5.4251	10.451	1.9866	1.9150	2.5963	2.6241	5.3857	1.7505
#2	5.3962	10.305	2.0081	1.9050	2.5572	2.5933	5.3143	1.7283
#3	5.4184	10.186	2.0426	1.9139	2.5123	2.5518	5.2381	1.7045

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	1.1375	.42751	1.3729	.19189	1.0469	4.5027	.22787	2.7038
Stddev	.0029	.00526	.0218	.00265	.0101	.0720	.00080	.0156
%RSD	.25821	1.2297	1.5905	1.3795	.96816	1.5985	.35125	.57576

#1	1.1394	.42222	1.3952	.19474	1.0352	4.5777	.22817	2.7198
#2	1.1341	.42758	1.3721	.19141	1.0522	4.4963	.22697	2.6887
#3	1.1391	.43273	1.3515	.18951	1.0533	4.4341	.22848	2.7030

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.5541	.12514	2.4305	.43283	2.1758	8.2332	69.778	
Stddev	.0016	.00049	.0183	.00082	.0341	.1435	1.241	
%RSD	.04379	.38763	.75457	.18965	1.5671	1.7430	1.7787	

#1	3.5551	.12504	2.4516	.43310	2.2095	8.3736	71.118	
#2	3.5523	.12472	2.4185	.43191	2.1766	8.2391	68.668	
#3	3.5548	.12567	2.4212	.43349	2.1413	8.0868	69.547	

Sample Name: S4 Acquired: 4/7/2017 12:23:12 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	1195.4	2084.9	35502.	5239.2	3029.1
Stddev	10.7	2.6	301.	65.6	6.2
%RSD	.89590	.12560	.84751	1.2526	.20613
#1	1207.1	2082.2	35782.	5164.5	3023.5
#2	1193.1	2085.1	35541.	5265.4	3035.8
#3	1186.1	2087.4	35184.	5287.7	3028.0

Sample Name: S5 Acquired: 4/7/2017 12:27:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.58594	.68198	9.1656	.86141	1.6694	26.096	73.498	4.8253
Stddev	.00233	.00231	.0256	.00063	.0035	.504	2.257	.1120
%RSD	.39787	.33820	.27937	.07289	.20890	1.9331	3.0706	2.3214

#1	.58333	.67985	9.1418	.86109	1.6672	26.314	74.553	4.8640
#2	.58781	.68443	9.1927	.86100	1.6734	26.456	75.034	4.9129
#3	.58667	.68166	9.1622	.86213	1.6677	25.520	70.907	4.6991

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	10.611	20.297	3.9017	3.7789	5.0835	4.9613	10.201	3.4225
Stddev	.047	.399	.0184	.0116	.0981	.0931	.191	.0638
%RSD	.44432	1.9650	.47233	.30682	1.9289	1.8757	1.8681	1.8647

#1	10.559	20.465	3.8852	3.7661	5.1257	4.9962	10.279	3.4462
#2	10.650	20.585	3.9216	3.7887	5.1533	5.0319	10.340	3.4710
#3	10.625	19.842	3.8981	3.7820	4.9714	4.8558	9.9834	3.3502

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2348	.90310	2.7405	.37294	2.2153	9.0729	.47116	5.1867
Stddev	.0074	.00378	.0473	.00724	.0100	.1673	.00133	.1182
%RSD	.33032	.41880	1.7241	1.9414	.45066	1.8437	.28208	2.2787

#1	2.2278	.89882	2.7607	.37725	2.2056	9.1551	.46964	5.2410
#2	2.2425	.90597	2.7743	.37699	2.2149	9.1831	.47173	5.2680
#3	2.2342	.90452	2.6865	.36458	2.2255	8.8804	.47210	5.0511

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.1638	.25862	4.7080	.85527	4.2447	16.843	136.25	
Stddev	.0203	.00112	.1143	.00296	.0754	.338	3.10	
%RSD	.28279	.43253	2.4288	.34655	1.7754	2.0058	2.2726	

#1	7.1404	.25733	4.7549	.85209	4.2811	16.987	136.70	
#2	7.1755	.25932	4.7913	.85796	4.2950	17.085	139.11	
#3	7.1755	.25922	4.5776	.85575	4.1581	16.457	132.96	

Sample Name: S5 Acquired: 4/7/2017 12:27:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	1062.2	1879.8	33221.	5110.1	2729.9
Stddev	3.8	2.3	119.	102.9	6.3
%RSD	.35828	.12113	.35809	2.0133	.22982
#1	1065.8	1881.8	33350.	5066.5	2733.9
#2	1062.7	1877.3	33197.	5036.2	2722.7
#3	1058.2	1880.2	33116.	5227.6	2733.1

Sample Name: S6 Acquired: 4/7/2017 12:31:18 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	68.608	33.112	13.122	5.6350	7.7301
Stddev	.323	.135	.045	.0215	.0355
%RSD	.47095	.40757	.34130	.38072	.45866

#1	68.726	33.017	13.086	5.6138	7.6962
#2	68.856	33.054	13.107	5.6345	7.7272
#3	68.242	33.267	13.172	5.6567	7.7669

Int. Std.	Y_3710
Units	Cts/S
Avg	4962.5
Stddev	8.2
%RSD	.16467

#1	4971.9
#2	4956.5
#3	4959.2

Sample Name: ICV Acquired: 4/7/2017 12:35:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.9886248	1.118264	1.001591	.9903709	.9836238	2.515103
Stddev	.0104009	.007738	.006012	.0056524	.0034719	.094829
%RSD	1.052056	.6920014	.6001976	.5707375	.3529723	3.770387

#1	.9830394	1.117231	.997396	.9884579	.9831839	2.568557
#2	1.000625	1.126467	1.008478	.9967316	.9872947	2.571138
#3	.982210	1.111094	.998899	.9859232	.9803928	2.405614

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5348842	.5223770	.4959250	10.90294	.5085922	.4982032
Stddev	.0184408	.0196488	.0047086	.40750	.0031410	.0036601
%RSD	3.447619	3.761424	.9494668	3.737565	.6175790	.7346560

#1	.5469211	.5311030	.4940727	11.11953	.5092378	.4966508
#2	.5440775	.5361515	.5012781	11.15642	.5113601	.5023836
#3	.5136540	.4998765	.4924241	10.43288	.5051786	.4955752

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5320810	5.550316	.5388749	6.109467	.5124847	.5052712
Stddev	.0190601	.210802	.0191934	.183442	.0044212	.0020004
%RSD	3.582187	3.798021	3.561751	3.002589	.8627085	.3959137

#1	.5412226	5.618940	.5478222	6.158202	.5092020	.5050381
#2	.5448483	5.718255	.5519610	6.263621	.5175121	.5073779
#3	.5101720	5.313752	.5168415	5.906579	.5107400	.5033975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.914816	.5475388	.9709953	10.06392	F -.001161	F .0050510
Stddev	.344575	.0228284	.0137181	.37320	.001259	.0010116
%RSD	3.475358	4.169274	1.412783	3.708269	108.5090	20.02739

#1	10.20070	.5528453	.9859483	10.31642	-.000167	.0060101
#2	10.01153	.5672466	.9680456	10.24009	-.000737	.0051489
#3	9.53222	.5225245	.9589920	9.63525	-.002577	.0039941

Sample Name: ICV Acquired: 4/7/2017 12:35:35 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000154	-.003706	.0027639	F -.000473	-.001165	.0011937
Stddev	.000205	.004632	.0006798	.000634	.000575	.0011222
%RSD	133.7489	124.9816	24.59479	134.0462	49.36518	94.00897

#1	-.000124	-.006353	.0032842	-.000732	-.000514	.0024893
#2	-.000372	-.006407	.0030127	.000249	-.001605	.0005686
#3	.000036	.001642	.0019948	-.000936	-.001375	.0005233

Elem	Sr4077
Units	ppm
Avg	.0128651
Stddev	.0004208
%RSD	3.270723

#1	.0130841
#2	.0131313
#3	.0123800

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.550	2376.414	39106.64	5466.263	3897.743
Stddev	2.084	16.194	54.48	187.314	28.029
%RSD	.1520787	.6814576	.1393055	3.426728	.7191062

#1	1370.521	2382.766	39081.11	5365.533	3912.827
#2	1368.480	2358.007	39069.63	5350.867	3865.403
#3	1372.648	2388.470	39169.20	5682.389	3915.001

Sample Name: ICB Acquired: 4/7/2017 13:15:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0011262	.0010634	-.000272	.0007129	-.000895	.0026238	-.000950
Stddev	.0020967	.0007976	.000613	.0010733	.000202	.0090724	.000163
%RSD	186.1823	75.00452	225.6786	150.5626	22.56685	345.7711	17.12588

#1	.0022955	.0014879	.000281	.0001220	-.001048	-.006453	-.000775
#2	.0023773	.0015590	-.000164	.0000648	-.000666	.011692	-.001096
#3	-.001294	.0001433	-.000932	.0019517	-.000971	.002632	-.000980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	.0000915	.0062447	-.000316	.0001708	.0026605	-.019253
Stddev	.000044	.0000925	.0043823	.000148	.0000912	.0009707	.005190
%RSD	11626.43	101.1416	70.17565	46.95586	53.36890	36.48664	26.95493

#1	-.000008	.0000026	.0092141	-.000441	.0001910	.0023254	-.021426
#2	-.000040	.0000847	.0083084	-.000354	.0000712	.0037544	-.023003
#3	.000047	.0001872	.0012116	-.000152	.0002502	.0019018	-.013330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	.0028905	.0002022	.0002292	-.162069	.0011565	-.000422
Stddev	.000344	.0113663	.0001881	.0000689	.070167	.0059105	.004607
%RSD	687.1952	393.2255	93.00505	30.03931	43.29464	511.0825	1091.015

#1	.000317	.0158114	.0002848	.0001896	-.183555	.0079694	.002925
#2	-.000103	-.001575	-.000013	.0001893	-.083671	-.002599	-.005676
#3	-.000365	-.005565	.000335	.0003088	-.218981	-.001901	.001485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006646	-.002820	-.000846	-.000071	.0027203	.0026544	.0000540
Stddev	.020892	.001947	.000824	.000123	.0028027	.0055064	.0004157
%RSD	314.3671	69.02847	97.34566	172.4273	103.0292	207.4416	770.2772

#1	-.016380	-.001912	.000012	-.000209	-.000468	-.000635	-.000156
#2	-.020893	-.001493	-.001630	.000028	.003833	.009011	-.000215
#3	.017337	-.005055	-.000921	-.000034	.004796	-.000413	.000533

Sample Name: ICB Acquired: 4/7/2017 13:15:33 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0005069	.0000539	-.000022
Stddev	.0005863	.0008418	.000015
%RSD	115.6639	1562.422	66.13799

#1	-.000166	-.000902	-.000034
#2	.000907	.000381	-.000006
#3	.000780	.000683	-.000026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.875	2333.698	38738.57	5376.312	4030.776
Stddev	9.864	10.526	170.08	4.205	18.861
%RSD	.7384123	.4510325	.4390472	.0782220	.4679349

#1	1347.250	2325.707	38874.04	5371.642	4018.978
#2	1329.668	2329.763	38547.69	5379.801	4020.821
#3	1330.708	2345.625	38793.97	5377.493	4052.530

Sample Name: ICSA Acquired: 4/7/2017 13:19:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0038830	-.006397	-.001083	-.006299	.0012713	248.8941
Stddev	.0021730	.002343	.000924	.001014	.0045057	1.8388
%RSD	55.96091	36.63291	85.29294	16.10198	354.4204	.7388016

#1	.0022224	-.009102	-.000662	-.007364	.0006749	250.0965
#2	.0063423	-.005082	-.002142	-.005344	-.002907	249.8084
#3	.0030843	-.005006	-.000445	-.006190	.006045	246.7773

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056384	.0012010	.0014094	257.9596	.0441963	.0005733
Stddev	.0002033	.0001012	.0001690	1.7594	.0001608	.0002709
%RSD	3.604741	8.425349	11.98809	.6820260	.3638067	47.25363

#1	.0056530	.0012414	.0014013	259.1572	.0440306	.0003236
#2	.0054283	.0012758	.0012446	258.7819	.0443516	.0005350
#3	.0058341	.0010859	.0015822	255.9397	.0442067	.0008614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196870	102.0792	.0119670	260.6060	.0025771	-.006204
Stddev	.0014506	.6196	.0006634	1.6412	.0005667	.000237
%RSD	7.368361	.6069489	5.543492	.6297666	21.98765	3.817889

#1	.0208040	102.5649	.0127330	261.7209	.0026918	-.006012
#2	.0180475	102.2912	.0115768	261.3756	.0019619	-.006132
#3	.0202096	101.3814	.0115912	258.7214	.0030776	-.006469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3058229	.0008918	.0188866	-.029129	-.014821	F -.034985
Stddev	.0353855	.0031726	.0049398	.011813	.004630	.000402
%RSD	11.57058	355.7488	26.15495	40.55525	31.24287	1.148717

#1	.3330572	.0001074	.0176223	-.024287	-.019451	-.034521
#2	.2658268	.0043830	.0147018	-.020506	-.010190	-.035215
#3	.3185847	-.001815	.0243356	-.042594	-.014820	-.035219

Sample Name: ICSA Acquired: 4/7/2017 13:19:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0001447	.0181550	-.001143	-.002439	-.001713	.0018594
Stddev	.0003698	.0024326	.001785	.001786	.000380	.0001475
%RSD	255.5175	13.39915	156.1701	73.23834	22.17176	7.933264

#1	-.000091	.0160189	-.001057	-.003746	-.001473	.0018088
#2	-.000046	.0208028	-.002970	-.003167	-.002151	.0017439
#3	.000571	.0176434	.000597	-.000404	-.001515	.0020256

Elem	Sr4077
Units	ppm
Avg	.1037205
Stddev	.0010011
%RSD	.9652135

#1	.1042997
#2	.1042973
#3	.1025645

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.833	2131.523	35151.70	5265.663	3201.062
Stddev	1.639	4.080	102.33	40.813	13.606
%RSD	.1341168	.1914018	.2911230	.7750857	.4250365

#1	1222.972	2127.088	35130.35	5228.515	3186.921
#2	1222.573	2135.117	35061.73	5259.123	3202.205
#3	1219.955	2132.365	35263.03	5309.352	3214.060

Sample Name: ICSAB Acquired: 4/7/2017 13:23:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.1048899	.1011156	.0507865	.0385233	.6079266	251.4101
Stddev	.0052072	.0017715	.0007679	.0022004	.0032649	2.5700
%RSD	4.964429	1.751981	1.511986	5.711948	.5370476	1.022230

#1	.1071352	.1015389	.0504968	.0392619	.6106818	248.4460
#2	.0989368	.0991708	.0502057	.0402593	.6043205	253.0153
#3	.1085978	.1026372	.0516571	.0360485	.6087775	252.7692

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5322754	.5163383	1.006319	259.9569	.5412821	.5024266
Stddev	.0059797	.0027997	.001122	2.3769	.0031012	.0012111
%RSD	1.123427	.5422294	.1114630	.9143374	.5729279	.2410440

#1	.5254320	.5131062	1.006759	257.2605	.5384092	.5038245
#2	.5364925	.5180115	1.005044	260.8614	.5408673	.5017607
#3	.5349017	.5178974	1.007154	261.7486	.5445697	.5016945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5407922	103.1553	.5165576	262.6751	1.017579	.2069276
Stddev	.0078712	.8984	.0042790	2.1577	.002510	.0008347
%RSD	1.455503	.8709178	.8283640	.8214293	.2466873	.4033695

#1	.5318662	102.1312	.5132532	260.1842	1.020478	.2065587
#2	.5467388	103.5243	.5150286	263.9683	1.016152	.2063411
#3	.5437717	103.8105	.5213910	263.8728	1.016108	.2078832

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1718863	.5231323	.9757915	-.074134	-.015463	F -.031779
Stddev	.0820700	.0018679	.0196098	.017960	.003436	.001181
%RSD	47.74665	.3570699	2.009629	24.22594	22.21853	3.717502

#1	.2464666	.5237039	.9623537	-.059931	-.019273	-.031835
#2	.1852304	.5210453	.9667270	-.094322	-.014516	-.030571
#3	.0839621	.5246476	.9982937	-.068148	-.012600	-.032932

Sample Name: ICSAB Acquired: 4/7/2017 13:23:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	-.000085	.0089610	.0002463	-.002330	-.001293	.0018228
Stddev	.000641	.0045867	.0005162	.001056	.000652	.0009708
%RSD	752.9761	51.18451	209.5725	45.30283	50.47952	53.25824

#1	.000303	.0078785	-.000176	-.002948	-.000549	.0010265
#2	-.000824	.0050124	.000822	-.002931	-.001768	.0029042
#3	.000267	.0139921	.000093	-.001111	-.001561	.0015376

Elem	Sr4077
Units	ppm
Avg	.1048699
Stddev	.0008580
%RSD	.8181660

#1	.1038992
#2	.1051833
#3	.1055271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.645	2106.859	34664.64	5270.344	3170.327
Stddev	2.672	6.270	135.04	34.448	3.552
%RSD	.2225722	.2976192	.3895539	.6536279	.1120467

#1	1203.664	2103.965	34802.65	5310.108	3167.679
#2	1198.585	2114.054	34658.48	5249.568	3174.363
#3	1199.685	2102.559	34532.79	5251.356	3168.938

Sample Name: CCV034 Acquired: 4/7/2017 13:31:26 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986292	4.623142	23.70658	5.003927	5.074273	396.1449	10.16793
Stddev	.040836	.035734	.21344	.041834	.046803	.3069	.01684
%RSD	.8189735	.7729337	.9003300	.8360189	.9223597	.0774768	.1656645

#1	5.008112	4.620230	23.68558	5.011087	5.088799	396.3340	10.16729
#2	5.011584	4.660243	23.92974	5.041719	5.112091	395.7907	10.15142
#3	4.939181	4.588953	23.50442	4.958976	5.021929	396.3098	10.18509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4958089	2.454244	398.1376	14.82128	2.434376	15.20470	397.2457
Stddev	.0008455	.023273	1.2813	.12476	.021242	.02921	1.3939
%RSD	.1705214	.9482645	.3218266	.8417759	.8725898	.1921390	.3509022

#1	.4964071	2.447842	397.5401	14.71786	2.430877	15.22531	396.4210
#2	.4948417	2.480048	397.2641	14.95985	2.457151	15.21753	396.4611
#3	.4961780	2.434842	399.6085	14.78613	2.415102	15.17127	398.8552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.33675	393.3157	2.472340	1.280955	391.1008	2.429670	14.59402
Stddev	.04858	1.2754	.021398	.013382	1.0502	.004218	.07199
%RSD	.3388817	.3242602	.8655056	1.044717	.2685263	.1735952	.4933152

#1	14.30598	393.0306	2.470376	1.270194	390.7743	2.427103	14.51089
#2	14.31151	392.2070	2.494653	1.295939	390.2527	2.427370	14.63606
#3	14.39276	394.7095	2.451992	1.276731	392.2755	2.434538	14.63512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.5419	4.879457	4.756188	4.999233	4.933808	4.803061	4.872334
Stddev	.3549	.045139	.017870	.043292	.041810	.009523	.033050
%RSD	.2311167	.9250789	.3757277	.8659758	.8474281	.1982705	.6783102

#1	153.9489	4.880611	4.755052	5.002842	4.930340	4.814052	4.868495
#2	153.2977	4.924007	4.738912	5.040608	4.977244	4.797257	4.907135
#3	153.3790	4.833752	4.774599	4.954249	4.893839	4.797875	4.841371

Sample Name: CCV034 Acquired: 4/7/2017 13:31:26 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.906470	5.208345	5.033137
Stddev	.010335	.013154	.022101
%RSD	.2106492	.2525475	.4391176

#1	4.902341	5.201129	5.037935
#2	4.898837	5.200379	5.009031
#3	4.918232	5.223527	5.052446

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.707	1886.118	32656.99	5058.244	2750.839
Stddev	3.686	12.438	257.15	20.645	16.932
%RSD	.3448731	.6594752	.7874374	.4081398	.6155303

#1	1071.400	1882.077	32806.62	5039.771	2748.710
#2	1064.507	1876.202	32360.06	5080.529	2735.072
#3	1070.214	1900.075	32804.30	5054.431	2768.735

Sample Name: CCB034 Acquired: 4/7/2017 13:35:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010391	.0000044	.0004885	.0002786	-.000859	.0114048	-.000589
Stddev	.0018108	.0008748	.0012937	.0026611	.001615	.0065631	.000424
%RSD	174.2629	19892.33	264.8354	955.2847	188.0337	57.54669	71.91288

#1	.0031091	-.000964	.0004988	.0033514	.001002	.0149621	-.000266
#2	-.000251	.000737	-.000810	-.001251	-.001890	.0154213	-.001069
#3	.000260	.000241	.001777	-.001265	-.001688	.0038310	-.000433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000327	.0000738	.0167281	-.000444	.0002909	.0023522	.0044970
Stddev	.0000215	.0000362	.0090103	.000464	.0000753	.0021175	.0102219
%RSD	65.58898	49.04880	53.86322	104.5574	25.88593	90.02425	227.3032

#1	.0000565	.0000777	.0222464	-.000085	.0003347	.0041392	.0129692
#2	.0000148	.0001079	.0063304	-.000969	.0002040	.0029039	.0073781
#3	.0000268	.0000358	.0216074	-.000279	.0003341	.0000134	-.006856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007241	.0062367	.0002067	.0000457	-.109208	.0006598	.0005299
Stddev	.0003235	.0254748	.0001128	.0000763	.061414	.0019377	.0005831
%RSD	44.67923	408.4624	54.58868	166.9610	56.23630	293.6713	110.0448

#1	.0006575	.0298012	.0002174	-.000000	-.096235	-.001577	-.000061
#2	.0010757	-.020793	.0003137	.000004	-.055316	.001820	.001105
#3	.0004390	.009702	.0000888	.000134	-.176072	.001736	.000546

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403065	-.000562	.0027796	.0002698	-.000245	-.001138	-.000005
Stddev	.0272916	.000596	.0005989	.0001120	.002656	.000690	.000865
%RSD	67.71020	105.9975	21.54537	41.52865	1082.348	60.61311	18968.81

#1	.0614217	.000034	.0029962	.0002999	-.002596	-.001781	-.000580
#2	.0500085	-.000562	.0032400	.0003636	-.000776	-.001225	.000991
#3	.0094895	-.001157	.0021025	.0001457	.002636	-.000409	-.000424

Sample Name: CCB034 Acquired: 4/7/2017 13:35:34 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB034 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000369	.0004529	.0000348
Stddev	.000827	.0003982	.0000359
%RSD	223.8565	87.93506	103.0029

#1	.000446	.0002801	-.000006
#2	-.001207	.0001702	.000061
#3	-.000347	.0009083	.000050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.429	2328.210	39298.74	5428.334	4029.269
Stddev	3.948	6.742	187.91	21.126	18.722
%RSD	.2919014	.2895658	.4781660	.3891739	.4646430

#1	1351.909	2321.021	39369.24	5415.265	4008.027
#2	1356.610	2334.391	39441.21	5417.031	4043.369
#3	1348.766	2329.216	39085.78	5452.707	4036.409

Sample Name: I2550-05 Acquired: 4/7/2017 13:39:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368492	-.001536	2.929047	-.000327	.0018675	29.08499	1.760163
Stddev	.0007271	.000603	.015586	.002884	.0010839	.07285	.003942
%RSD	1.973052	39.28409	.5321065	883.1207	58.04278	.2504628	.2239331

#1	.0360852	-.001074	2.946752	-.000370	.0031184	29.05626	1.760807
#2	.0375326	-.002219	2.917400	-.003189	.0012777	29.03088	1.755939
#3	.0369299	-.001315	2.922988	.002579	.0012063	29.16782	1.763743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037200	.0121140	46.72340	.0703840	.0623056	.1151973	76.84923
Stddev	.0001242	.0001276	.11655	.0035140	.0006117	.0017041	.23881
%RSD	3.338202	1.052931	.2494503	4.992539	.9817872	1.479320	.3107551

#1	.0038522	.0122595	46.70910	.0676816	.0628950	.1170690	76.97165
#2	.0037021	.0120213	46.61465	.0743564	.0616738	.1147872	76.57403
#3	.0036058	.0120613	46.84644	.0691141	.0623481	.1137356	77.00200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.214886	18.77450	.0824067	-.003321	.2431043	.1203163	.9804250
Stddev	.009351	.06931	.0006303	.000171	.1543301	.0008454	.0393406
%RSD	.1793061	.3691707	.7648286	5.164803	63.48309	.7026825	4.012607

#1	5.216773	18.70777	.0831344	-.003123	.0666307	.1210230	.9642547
#2	5.204736	18.76958	.0820560	-.003430	.3098794	.1205462	1.025274
#3	5.223149	18.84613	.0820299	-.003409	.3528026	.1193797	.951746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120739	1.936325	-.012885	.0008314	.9716651	1.801722	.0067339
Stddev	.024921	.012548	.000486	.0000148	.0045750	.006687	.0010429
%RSD	.7985675	.6480566	3.770287	1.776388	.4708436	.3711646	15.48786

#1	3.108010	1.949596	-.012408	.0008458	.9767993	1.800419	.0077517
#2	3.104752	1.924651	-.013379	.0008322	.9680207	1.795781	.0056675
#3	3.149454	1.934729	-.012867	.0008163	.9701751	1.808964	.0067826

Sample Name: I2550-05 Acquired: 4/7/2017 13:39:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4684601	.0177607	.0495127
Stddev	.0020712	.0008273	.0001844
%RSD	.4421330	4.658071	.3723688

#1	.4668197	.0183384	.0496367
#2	.4677730	.0168129	.0493009
#3	.4707875	.0181307	.0496007

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.081	2352.827	39042.29	5833.040	3688.666
Stddev	39.731	20.382	1362.66	13.341	32.178
%RSD	2.991637	.8662954	3.490219	.2287162	.8723467

#1	1352.020	2329.347	39879.71	5833.687	3652.079
#2	1282.218	2363.166	37469.93	5846.046	3701.348
#3	1350.005	2365.967	39777.22	5819.388	3712.570

Sample Name: I2550-06 Acquired: 4/7/2017 13:43:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583528	-.007776	7.157333	-.007900	.0043161	68.43520	5.170932
Stddev	.0034885	.000799	.126948	.000680	.0008224	2.30707	.163339
%RSD	5.978331	10.27867	1.773677	8.606767	19.05329	3.371173	3.158792

#1	.0620476	-.006888	7.287483	-.007422	.0035214	70.80834	5.343009
#2	.0578952	-.008003	7.033850	-.008678	.0042633	68.29684	5.151764
#3	.0551157	-.008438	7.150667	-.007599	.0051636	66.20042	5.018023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069998	.0305634	144.0758	.1032873	.1431260	.2437545	142.2791
Stddev	.0001728	.0004727	4.7117	.0005536	.0022025	.0100680	4.6838
%RSD	2.468012	1.546469	3.270270	.5359544	1.538878	4.130370	3.291975

#1	.0070709	.0307106	148.7339	.1032835	.1449332	.2534406	146.8528
#2	.0071256	.0300346	144.1811	.1038427	.1406726	.2444791	142.4921
#3	.0068028	.0309448	139.3124	.1027356	.1437721	.2333438	137.4925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.93236	66.48243	.1857757	-.006367	.7297107	.2041301	2.149929
Stddev	.38296	2.22949	.0032015	.000384	.1534349	.0077245	.031915
%RSD	3.209400	3.353506	1.723308	6.038246	21.02681	3.784124	1.484447

#1	12.32031	68.64646	.1887748	-.005958	.9053239	.2123948	2.183804
#2	11.92217	66.60806	.1824044	-.006423	.6622091	.2029030	2.145557
#3	11.55459	64.19278	.1861480	-.006720	.6215993	.1970926	2.120425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.678881	4.142764	-.023819	.0013825	2.738455	2.805463	.0073503
Stddev	.252062	.080457	.001407	.0002492	.055041	.078373	.0008078
%RSD	3.282533	1.942098	5.907275	18.02734	2.009916	2.793596	10.98953

#1	7.946074	4.228287	-.024273	.0016522	2.792108	2.881852	.0073950
#2	7.645239	4.068576	-.024944	.0013348	2.682124	2.809290	.0065212
#3	7.445330	4.131430	-.022242	.0011606	2.741134	2.725246	.0081349

Sample Name: I2550-06 Acquired: 4/7/2017 13:43:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6009413	.0457197	.1262604
Stddev	.0221653	.0011832	.0041002
%RSD	3.688430	2.587934	3.247373

#1	.6226658	.0468640	.1305192
#2	.6017980	.0457939	.1259223
#3	.5783601	.0445011	.1223399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.815	2417.063	40235.36	6126.824	3398.849
Stddev	8.224	37.353	236.95	182.098	55.421
%RSD	.6061429	1.545375	.5888998	2.972143	1.630591

#1	1354.004	2378.678	40054.59	5955.269	3343.438
#2	1350.366	2453.290	40147.89	6107.310	3454.280
#3	1366.077	2419.221	40503.61	6317.893	3398.828

Sample Name: I2550-07 Acquired: 4/7/2017 13:48:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663543	.0044984	7.519685	.0042100	.0115376	69.30310	4.903588
Stddev	.0020153	.0010112	.040558	.0009165	.0018086	.05621	.018468
%RSD	3.037180	22.47845	.5393573	21.76956	15.67566	.0811105	.3766239

#1	.0679029	.0046447	7.552315	.0049930	.0114495	69.31715	4.898910
#2	.0670842	.0054284	7.532463	.0044352	.0133886	69.35096	4.923945
#3	.0640757	.0034220	7.474277	.0032019	.0097746	69.24120	4.887909

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079151	.0370433	112.1417	.1225086	.1455549	.2916495	139.1620
Stddev	.0001866	.0001063	.9617	.0013696	.0007869	.0033015	.7152
%RSD	2.357672	.2869964	.8575728	1.117967	.5406011	1.132001	.5139039

#1	.0077291	.0371363	111.4173	.1219902	.1455608	.2930390	138.5486
#2	.0081023	.0370663	113.2328	.1214739	.1463388	.2878804	139.9475
#3	.0079138	.0369274	111.7750	.1240618	.1447651	.2940292	138.9898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46966	50.33958	.1800063	-.003846	.9847457	.2134271	2.295551
Stddev	.07665	.24145	.0007026	.000189	.0456682	.0010214	.011857
%RSD	.7320702	.4796401	.3903437	4.927025	4.637565	.4785555	.5165071

#1	10.42796	50.14638	.1802738	-.004041	.9405642	.2140455	2.286598
#2	10.55811	50.61026	.1805360	-.003663	.9819050	.2139876	2.291056
#3	10.42290	50.26209	.1792092	-.003832	1.031768	.2122482	2.308997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.053551	3.729045	-.016821	.0099313	2.611744	2.278421	.0173740
Stddev	.029678	.024311	.000895	.0003919	.013807	.014537	.0004517
%RSD	.4207595	.6519275	5.321507	3.945900	.5286495	.6380384	2.600109

#1	7.083654	3.753310	-.016970	.0095168	2.627680	2.278801	.0178546
#2	7.052685	3.729134	-.017633	.0099812	2.604166	2.292765	.0169580
#3	7.024316	3.704689	-.015861	.0102958	2.603385	2.263698	.0173094

Sample Name: I2550-07 Acquired: 4/7/2017 13:48:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6039161	.0543321	.1159379
Stddev	.0009528	.0003360	.0001442
%RSD	.1577629	.6184802	.1243680

#1	.6034561	.0544788	.1159515
#2	.6032807	.0545699	.1157874
#3	.6050116	.0539477	.1160749

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.744	2434.594	41085.20	6149.293	3442.199
Stddev	.963	11.136	153.60	48.083	17.287
%RSD	.0693984	.4574118	.3738692	.7819235	.5022108

#1	1388.422	2422.925	41042.91	6171.807	3425.336
#2	1386.642	2435.749	41255.52	6094.084	3441.378
#3	1388.167	2445.107	40957.17	6181.988	3459.881

Sample Name: I2550-08 Acquired: 4/7/2017 13:52:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497862	-.004912	5.803542	-.002498	.0032847	51.11573	3.551455
Stddev	.0030500	.001633	.021672	.002627	.0007632	.12543	.005143
%RSD	6.126144	33.23655	.3734210	105.1643	23.23437	.2453890	.1448212

#1	.0474884	-.004568	5.824295	-.004317	.0037449	51.19581	3.555846
#2	.0486237	-.006689	5.781056	.000514	.0024037	51.18021	3.552722
#3	.0532465	-.003479	5.805275	-.003690	.0037054	50.97118	3.545797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058470	.0258265	82.55850	.0887274	.1062384	.2294510	113.1941
Stddev	.0001106	.0000842	.15422	.0016028	.0002579	.0019377	.1655
%RSD	1.891363	.3258890	.1867980	1.806464	.2427798	.8445066	.1462354

#1	.0057193	.0257475	82.73386	.0901314	.1065149	.2316361	113.3553
#2	.0059128	.0258170	82.49766	.0890698	.1061961	.2279413	113.0246
#3	.0059087	.0259150	82.44399	.0869810	.1060043	.2287757	113.2023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.898895	37.68544	.1439373	-.004297	.4850040	.1698007	1.830525
Stddev	.010183	.11184	.0001372	.000164	.0506383	.0053431	.035024
%RSD	.1289201	.2967774	.0953381	3.813938	10.44081	3.146668	1.913313

#1	7.909273	37.78714	.1438970	-.004362	.4351740	.1758700	1.829350
#2	7.888918	37.56566	.1438248	-.004419	.4834243	.1677260	1.796104
#3	7.898495	37.70352	.1440902	-.004111	.5364137	.1658062	1.866122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099531	3.006473	-.017103	.0010957	2.085389	2.386302	.0084905
Stddev	.018493	.005741	.001086	.0002170	.014986	.019098	.0011288
%RSD	.3626408	.1909492	6.347932	19.80122	.7186355	.8003115	13.29455

#1	5.120628	3.012049	-.017125	.0008457	2.100061	2.407364	.0076350
#2	5.091845	3.000581	-.018178	.0012344	2.070107	2.381431	.0080666
#3	5.086121	3.006790	-.016007	.0012071	2.086000	2.370112	.0097698

Sample Name: I2550-08 Acquired: 4/7/2017 13:52:04 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YN9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5463403	.0321868	.0797548
Stddev	.0016031	.0004003	.0002543
%RSD	.2934187	1.243767	.3189099

#1	.5445822	.0326490	.0800334
#2	.5467177	.0319555	.0796961
#3	.5477209	.0319558	.0795350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.975	2410.131	40591.67	6028.867	3549.447
Stddev	11.121	3.713	466.22	35.045	6.239
%RSD	.8058709	.1540582	1.148551	.5812936	.1757654

#1	1367.184	2411.848	40056.59	5991.243	3542.953
#2	1385.390	2412.674	40807.94	6034.777	3555.394
#3	1387.351	2405.870	40910.47	6060.583	3549.993

Sample Name: I2550-09 Acquired: 4/7/2017 13:56:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611914	-.006769	8.596830	-.004543	.0041838	69.23695	5.898691
Stddev	.0025434	.001806	.016820	.002115	.0012751	.38130	.029170
%RSD	4.156505	26.67982	.1956512	46.54447	30.47597	.5507230	.4945091

#1	.0592043	-.008124	8.615311	-.002514	.0052840	68.83899	5.878978
#2	.0640578	-.004719	8.582418	-.004382	.0027864	69.27277	5.884895
#3	.0603122	-.007463	8.592762	-.006734	.0044811	69.59907	5.932199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076756	.0365828	127.7354	.0972077	.1576468	.2978989	148.0844
Stddev	.0000633	.0000278	.9301	.0009818	.0002185	.0027743	1.1251
%RSD	.8247055	.0759860	.7281656	1.010025	.1386130	.9312968	.7597515

#1	.0076402	.0365777	126.7201	.0963695	.1578687	.2950308	146.8506
#2	.0077487	.0365579	127.9397	.0969658	.1574319	.3005689	148.3492
#3	.0076379	.0366128	128.5464	.0982879	.1576397	.2980970	149.0535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.66932	61.79416	.1968573	-.006228	.6337914	.2112012	2.528579
Stddev	.10990	.69997	.0001358	.000289	.0731175	.0023269	.029114
%RSD	.9417574	1.132749	.0689811	4.646178	11.53652	1.101771	1.151405

#1	11.55079	60.98593	.1967305	-.006555	.6933349	.2100563	2.539427
#2	11.68932	62.20417	.1968408	-.006004	.5521825	.2096685	2.495598
#3	11.76784	62.19238	.1970006	-.006127	.6558569	.2138788	2.550712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.149013	4.127123	-.026539	.0014178	3.166218	4.050483	.0081349
Stddev	.074378	.025271	.001244	.0001561	.018260	.015548	.0011031
%RSD	1.040393	.6123080	4.689083	11.00940	.5767137	.3838474	13.55972

#1	7.083197	4.146062	-.027945	.0013984	3.186824	4.032713	.0078820
#2	7.134139	4.098428	-.025579	.0015827	3.152044	4.061584	.0071802
#3	7.229705	4.136878	-.026093	.0012723	3.159787	4.057151	.0093425

Sample Name: I2550-09 Acquired: 4/7/2017 13:56:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6073105	.0460120	.1190455
Stddev	.0039570	.0005167	.0005849
%RSD	.6515682	1.122934	.4912800

#1	.6032988	.0461421	.1183706
#2	.6074223	.0454427	.1194035
#3	.6112105	.0464512	.1193624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.609	2427.500	41167.28	6211.650	3385.870
Stddev	6.434	7.852	145.12	51.102	5.600
%RSD	.4593435	.3234587	.3525251	.8226803	.1654008

#1	1393.823	2434.605	41136.55	6269.257	3383.037
#2	1406.620	2428.824	41325.31	6193.916	3392.321
#3	1401.384	2419.070	41039.99	6171.778	3382.253

Sample Name: I2550-10 Acquired: 4/7/2017 14:00:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624075	-.006378	7.216795	-.004105	.0052718	80.76609	4.427372
Stddev	.0037583	.001443	.036620	.001161	.0001467	.16452	.022805
%RSD	6.022190	22.62776	.5074252	28.28236	2.782065	.2037017	.5151017

#1	.0663999	-.004983	7.242686	-.002840	.0052181	80.86213	4.437407
#2	.0589380	-.006284	7.232802	-.004352	.0054377	80.86001	4.443439
#3	.0618846	-.007865	7.174897	-.005122	.0051595	80.57612	4.401270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081050	.0348722	141.3864	.1063060	.1502010	.2900147	153.2794
Stddev	.0000770	.0004535	.2327	.0009384	.0012982	.0029410	.3760
%RSD	.9493851	1.300607	.1646029	.8827451	.8642818	1.014089	.2453093

#1	.0081910	.0349695	141.5321	.1073567	.1506438	.2902311	153.6669
#2	.0080815	.0352692	141.5091	.1055510	.1512198	.2928415	153.2553
#3	.0080426	.0343779	141.1180	.1060104	.1487394	.2869715	152.9160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38268	54.17115	.2057241	-.006524	.7592849	.2287698	2.328532
Stddev	.03041	.10224	.0010806	.000205	.0415150	.0033400	.008201
%RSD	.2671306	.1887285	.5252469	3.148069	5.467647	1.459969	.3522070

#1	11.40675	54.28760	.2056337	-.006716	.8066364	.2249705	2.319641
#2	11.39277	54.09614	.2068471	-.006307	.7420805	.2312432	2.335801
#3	11.34851	54.12972	.2046916	-.006550	.7291379	.2300958	2.330154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.541252	5.802487	-.025579	.0018981	3.576545	2.654096	.0070199
Stddev	.072890	.056064	.002125	.0000831	.026646	.029990	.0010325
%RSD	.8533929	.9662028	8.309295	4.378313	.7450281	1.129967	14.70801

#1	8.584596	5.836056	-.027063	.0019885	3.585322	2.686811	.0075613
#2	8.582061	5.833641	-.023144	.0018807	3.597697	2.647575	.0076691
#3	8.457098	5.737766	-.026529	.0018251	3.546618	2.627903	.0058293

Sample Name: I2550-10 Acquired: 4/7/2017 14:00:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6544806	.0536269	.1368899
Stddev	.0066738	.0008956	.0005162
%RSD	1.019713	1.670101	.3770916

#1	.6512050	.0544454	.1373493
#2	.6621594	.0537651	.1369891
#3	.6500776	.0526702	.1363313

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.509	2491.877	42193.13	6382.710	3397.417
Stddev	1.387	11.347	122.35	28.514	17.868
%RSD	.0975019	.4553569	.2899867	.4467408	.5259275

#1	1423.764	2485.558	42058.71	6351.252	3385.656
#2	1421.020	2485.096	42298.01	6390.025	3388.617
#3	1422.744	2504.976	42222.67	6406.855	3417.978

Sample Name: I2550-11 Acquired: 4/7/2017 14:04:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642817	-.003674	6.669751	-.005360	.0037480	65.20052	3.839705
Stddev	.0039692	.000958	.047229	.003123	.0003766	.36284	.023263
%RSD	6.174657	26.06479	.7081031	58.25897	10.04796	.5565003	.6058496

#1	.0630492	-.004175	6.718463	-.006675	.0034824	65.41918	3.855773
#2	.0610749	-.002570	6.624161	-.007610	.0041790	65.40070	3.850313
#3	.0687209	-.004278	6.666630	-.001795	.0035825	64.78169	3.813029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072897	.0317381	113.9213	.1002751	.1363815	.2816739	137.3622
Stddev	.0001151	.0002909	.4804	.0009630	.0008649	.0033589	.5702
%RSD	1.578829	.9165566	.4216586	.9603479	.6341479	1.192477	.4150713

#1	.0074152	.0320475	113.8607	.1009054	.1371905	.2852943	137.2176
#2	.0072649	.0314701	114.4291	.0991666	.1354699	.2810683	137.9907
#3	.0071891	.0316968	113.4741	.1007532	.1364840	.2786589	136.8783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.00340	43.54604	.1857150	-.005618	.5715967	.2077298	2.047156
Stddev	.03874	.24533	.0016717	.000369	.1094651	.0021769	.032381
%RSD	.3521146	.5633698	.9001516	6.575561	19.15075	1.047922	1.581732

#1	11.00974	43.60300	.1876277	-.005975	.6526170	.2053855	2.051041
#2	11.03859	43.75789	.1845330	-.005642	.4470664	.2081166	2.077418
#3	10.96188	43.27725	.1849844	-.005237	.6151066	.2096874	2.013007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.047899	4.557370	-.022851	.0014156	3.225695	2.759815	.0073209
Stddev	.027473	.041979	.000716	.0002878	.022436	.004062	.0008313
%RSD	.3898053	.9211220	3.135040	20.33087	.6955534	.1471968	11.35520

#1	7.069412	4.601425	-.023590	.0010907	3.250637	2.755167	.0082586
#2	7.016952	4.517832	-.022803	.0016384	3.207158	2.762689	.0066742
#3	7.057332	4.552852	-.022160	.0015178	3.219289	2.761588	.0070300

Sample Name: I2550-11 Acquired: 4/7/2017 14:04:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6160515	.0414966	.1126193
Stddev	.0017067	.0010111	.0004674
%RSD	.2770387	2.436712	.4150243

#1	.6141650	.0416699	.1129585
#2	.6174885	.0424100	.1128131
#3	.6165010	.0404100	.1120861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.084	2490.780	42168.94	6364.808	3502.455
Stddev	8.683	14.349	81.86	7.013	26.497
%RSD	.6084745	.5761018	.1941268	.1101821	.7565194

#1	1425.565	2474.363	42148.49	6364.436	3472.237
#2	1419.260	2500.930	42099.24	6357.989	3521.715
#3	1436.427	2497.047	42259.09	6371.999	3513.412

Sample Name: I2550-12 Acquired: 4/7/2017 14:08:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562879	-.006138	6.873138	-.006914	.0041265	67.29719	4.598233
Stddev	.0024145	.000920	.078210	.002429	.0018782	.80758	.059729
%RSD	4.289491	14.98239	1.137902	35.12457	45.51431	1.200026	1.298963

#1	.0535035	-.006177	6.893133	-.009523	.0022669	68.20552	4.663376
#2	.0578027	-.007039	6.786872	-.006502	.0060227	67.02580	4.585279
#3	.0575575	-.005200	6.939409	-.004718	.0040900	66.66026	4.546043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073301	.0317236	141.3935	.0899011	.1439107	.2528374	141.7869
Stddev	.0000346	.0002020	1.7781	.0002188	.0013633	.0028415	1.8069
%RSD	.4721258	.6365899	1.257587	.2433917	.9472975	1.123846	1.274403

#1	.0073688	.0318454	143.4457	.0896517	.1438372	.2557533	143.8641
#2	.0073021	.0314905	140.4250	.0900609	.1425857	.2526823	140.9192
#3	.0073193	.0318350	140.3099	.0899906	.1453093	.2500766	140.5776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.01976	59.63686	.1809267	-.006015	.7036943	.2009920	2.197319
Stddev	.12683	.74638	.0014410	.000458	.0915218	.0047447	.025180
%RSD	1.055160	1.251537	.7964811	7.621327	13.00590	2.360623	1.145933

#1	12.16121	60.49091	.1815090	-.005733	.7568405	.2057330	2.203740
#2	11.98190	59.30998	.1792856	-.005768	.7562277	.1962437	2.218667
#3	11.91618	59.10970	.1819855	-.006544	.5980146	.2009991	2.169551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.558910	4.599217	-.029860	.0011066	3.091971	2.731631	.0073650
Stddev	.112450	.056553	.001490	.0000734	.041749	.040699	.0011410
%RSD	1.487654	1.229630	4.989087	6.635706	1.350226	1.489930	15.49234

#1	7.682666	4.611464	-.031561	.0011604	3.094568	2.777440	.0081081
#2	7.531068	4.537544	-.029231	.0011364	3.048985	2.717814	.0060512
#3	7.462996	4.648643	-.028787	.0010229	3.132361	2.699638	.0079356

Sample Name: I2550-12 Acquired: 4/7/2017 14:08:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5645712	.0445080	.1273553
Stddev	.0039350	.0008076	.0014668
%RSD	.6969819	1.814420	1.151767

#1	.5690206	.0453846	.1290485
#2	.5631444	.0443450	.1265464
#3	.5615488	.0437944	.1264710

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.384	2441.981	41399.68	6212.351	3419.974
Stddev	9.628	22.848	114.99	74.353	30.878
%RSD	.6855982	.9356216	.2777615	1.196854	.9028858

#1	1393.408	2431.949	41277.27	6126.727	3406.829
#2	1408.337	2468.129	41505.43	6249.716	3455.250
#3	1411.407	2425.866	41416.35	6260.611	3397.843

Sample Name: I2550-13 Acquired: 4/7/2017 14:12:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0637511	-.007463	6.996791	-.004068	.0033933	72.68061	4.818458
Stddev	.0021704	.002158	.016411	.005784	.0003809	.26391	.017668
%RSD	3.404443	28.92057	.2345448	142.1850	11.22545	.3631048	.3666655

#1	.0642624	-.006267	6.994394	-.007487	.0037389	72.78015	4.833832
#2	.0613708	-.006167	6.981710	-.007328	.0034562	72.88027	4.822386
#3	.0656202	-.009954	7.014268	.002610	.0029849	72.38141	4.799157

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074377	.0324516	145.2941	.0948741	.1478958	.2603667	147.0687
Stddev	.0001616	.0002030	.4965	.0010202	.0007284	.0012794	.3828
%RSD	2.173211	.6254572	.3417244	1.075268	.4925175	.4913775	.2602826

#1	.0073162	.0325498	145.6401	.0937071	.1473250	.2609974	147.3715
#2	.0076212	.0322182	145.5169	.0953191	.1476463	.2612083	147.1961
#3	.0073757	.0325867	144.7252	.0955962	.1487162	.2588945	146.6384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36242	61.46723	.1874387	-.006121	.7315184	.2112479	2.257739
Stddev	.01710	.12862	.0010139	.000227	.0377318	.0030664	.017173
%RSD	.1382875	.2092433	.5409259	3.713848	5.158011	1.451562	.7606370

#1	12.38053	61.49078	.1873935	-.005878	.7495076	.2143023	2.237928
#2	12.36017	61.58245	.1864482	-.006327	.6881584	.2081696	2.268399
#3	12.34656	61.32847	.1884745	-.006159	.7568892	.2112719	2.266889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.067354	4.700305	-.028866	.0013371	3.131690	3.230685	.0060141
Stddev	.041311	.017498	.000499	.0003272	.013614	.029424	.0010593
%RSD	.5120818	.3722728	1.729199	24.46767	.4347186	.9107608	17.61368

#1	8.113144	4.701381	-.029405	.0014746	3.127228	3.245116	.0070819
#2	8.032880	4.682295	-.028776	.0009636	3.120867	3.250108	.0049635
#3	8.056038	4.717241	-.028419	.0015730	3.146975	3.196832	.0059968

Sample Name: I2550-13 Acquired: 4/7/2017 14:12:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6110416	.0486301	.1329342
Stddev	.0034503	.0007771	.0003343
%RSD	.5646521	1.597941	.2514697

#1	.6150227	.0480380	.1331802
#2	.6091842	.0495100	.1330689
#3	.6089180	.0483423	.1325536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.258	2441.197	41204.88	6224.857	3407.543
Stddev	8.756	8.481	48.99	35.846	11.171
%RSD	.6293275	.3474082	.1188991	.5758577	.3278449

#1	1387.005	2435.767	41242.34	6196.390	3401.181
#2	1385.442	2450.970	41149.43	6213.068	3420.442
#3	1401.328	2436.853	41222.86	6265.114	3401.005

Sample Name: I2550-17 Acquired: 4/7/2017 14:16:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486971	-.004056	4.604333	-.003308	.0020392	46.20452	2.907903
Stddev	.0034471	.001908	.028100	.001449	.0003457	.31305	.015495
%RSD	7.078668	47.04731	.6102897	43.80864	16.95504	.6775393	.5328486

#1	.0494718	-.001865	4.574632	-.001663	.0016596	46.56572	2.924151
#2	.0449285	-.005355	4.630496	-.003862	.0023361	46.03636	2.906265
#3	.0516909	-.004949	4.607871	-.004397	.0021219	46.01149	2.893292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055142	.0198069	61.49299	.0832043	.0933764	.2011566	106.9226
Stddev	.0001001	.0003062	.19418	.0002758	.0006181	.0018331	.3740
%RSD	1.815641	1.545934	.3157792	.3314842	.6619337	.9112909	.3497634

#1	.0054027	.0194696	61.66915	.0829350	.0927770	.2032716	107.3277
#2	.0055965	.0200674	61.28478	.0831917	.0940116	.2001736	106.5905
#3	.0055433	.0198836	61.52504	.0834861	.0933406	.2000247	106.8497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.307250	27.91974	.1312751	-.004084	.3751256	.1632171	1.432435
Stddev	.023974	.17124	.0009463	.000100	.0651909	.0002731	.025820
%RSD	.3280819	.6133410	.7208764	2.436700	17.37843	.1673193	1.802494

#1	7.319759	28.11217	.1303779	-.003970	.4111832	.1630391	1.431004
#2	7.279609	27.78412	.1311834	-.004137	.2998714	.1635315	1.458940
#3	7.322383	27.86293	.1322639	-.004146	.4143224	.1630806	1.407361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.540238	2.605551	-.019799	.0009972	1.658795	2.239196	.0050510
Stddev	.033476	.019322	.000570	.0003754	.020938	.018955	.0014130
%RSD	.7373251	.7415560	2.879719	37.64355	1.262224	.8465208	27.97418

#1	4.573470	2.584672	-.019437	.0013782	1.644615	2.226026	.0066631
#2	4.540721	2.622801	-.019503	.0006278	1.682843	2.230641	.0044628
#3	4.506523	2.609181	-.020456	.0009855	1.648926	2.260921	.0040272

Sample Name: I2550-17 Acquired: 4/7/2017 14:16:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5170355	.0282488	.0656606
Stddev	.0042375	.0003176	.0004025
%RSD	.8195707	1.124212	.6129547

#1	.5206746	.0280634	.0661188
#2	.5180486	.0280674	.0653644
#3	.5123833	.0286155	.0654985

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.278	2398.786	41224.40	6057.665	3582.205
Stddev	8.517	9.405	63.98	18.027	14.883
%RSD	.6091142	.3920615	.1551879	.2975955	.4154731

#1	1403.725	2406.456	41251.60	6047.563	3595.478
#2	1402.647	2388.294	41270.27	6078.478	3566.114
#3	1388.463	2401.609	41151.31	6046.954	3585.021

Sample Name: I2550-18 Acquired: 4/7/2017 14:20:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619179	-.006920	7.183035	-.005435	.0041137	73.57110	5.067217
Stddev	.0046625	.002678	.141818	.002308	.0002826	.38091	.030867
%RSD	7.530073	38.70032	1.974341	42.46725	6.869338	.5177395	.6091528

#1	.0646664	-.008933	7.332270	-.006949	.0040780	73.13220	5.032423
#2	.0645527	-.007947	7.166805	-.002779	.0044124	73.81540	5.077918
#3	.0565345	-.003880	7.050031	-.006579	.0038507	73.76568	5.091309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074507	.0311145	107.8374	.0992495	.1474319	.2602719	146.3301
Stddev	.0000370	.0008910	.9322	.0012733	.0032784	.0021173	1.1322
%RSD	.4973188	2.863723	.8644954	1.282974	2.223637	.8135068	.7737313

#1	.0074526	.0320310	106.7667	.1006250	.1507316	.2583101	145.0278
#2	.0074869	.0310612	108.4693	.0981119	.1473887	.2625164	146.8816
#3	.0074128	.0302513	108.2761	.0990115	.1441753	.2599893	147.0809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.58731	52.31907	.1929120	-.006558	.7239362	.2149731	2.177422
Stddev	.06917	.43159	.0046131	.000050	.1368424	.0028326	.025528
%RSD	.5969189	.8249167	2.391313	.7592092	18.90255	1.317640	1.172396

#1	11.51009	51.82075	.1972103	-.006600	.7464823	.2132535	2.165725
#2	11.64359	52.57303	.1934876	-.006503	.5772209	.2182424	2.206703
#3	11.60825	52.56344	.1880381	-.006571	.8481053	.2134233	2.159839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.442698	3.817605	-.030900	.0011059	2.590819	3.044539	.0079518
Stddev	.046242	.065482	.000998	.0002714	.045393	.019227	.0007270
%RSD	.6213116	1.715259	3.229925	24.53699	1.752062	.6315193	9.142457

#1	7.448413	3.885881	-.032051	.0014179	2.642672	3.057486	.0077238
#2	7.393863	3.811605	-.030274	.0009749	2.571526	3.053684	.0087654
#3	7.485817	3.755330	-.030375	.0009249	2.558260	3.022446	.0073660

Sample Name: I2550-18 Acquired: 4/7/2017 14:20:19 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YP7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5757195	.0484673	.1100733
Stddev	.0034741	.0004956	.0004193
%RSD	.6034430	1.022469	.3809728

#1	.5720362	.0478951	.1095891
#2	.5761847	.0487516	.1103202
#3	.5789376	.0487552	.1103105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.281	2447.603	41066.35	6269.786	3427.704
Stddev	5.127	39.814	195.20	14.706	65.168
%RSD	.3695825	1.626662	.4753329	.2345463	1.901207

#1	1381.801	2410.535	40841.72	6284.377	3363.299
#2	1391.962	2442.587	41162.57	6254.969	3426.203
#3	1388.079	2489.688	41194.76	6270.012	3493.608

Sample Name: I2550-19 Acquired: 4/7/2017 14:24:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437443	-.003621	4.875963	-.002412	.0016362	38.74747	2.832275
Stddev	.0005229	.000369	.027410	.003686	.0020270	.23388	.015703
%RSD	1.195403	10.18079	.5621519	152.8169	123.8852	.6035982	.5544390

#1	.0432701	-.003513	4.881971	-.006614	.0035900	38.54532	2.826074
#2	.0436577	-.004032	4.899871	-.000895	-.000457	39.00363	2.850132
#3	.0443051	-.003319	4.846047	.000273	.001775	38.69347	2.820619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047862	.0211093	55.77243	.0756714	.0886643	.1707669	97.39135
Stddev	.0000309	.0002021	.39359	.0006126	.0008420	.0010814	.68928
%RSD	.6457012	.9576075	.7056997	.8094946	.9496230	.6332428	.7077474

#1	.0048134	.0212158	55.45177	.0762528	.0891325	.1707854	96.88218
#2	.0047927	.0212360	56.21167	.0750318	.0891680	.1718390	98.17572
#3	.0047526	.0208762	55.65383	.0757296	.0876922	.1696765	97.11614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.628524	26.63610	.1092063	-.003394	.3285673	.1497940	1.492912
Stddev	.042886	.17548	.0007642	.000194	.0553712	.0055089	.014142
%RSD	.6469845	.6587953	.6997901	5.706149	16.85231	3.677623	.9472508

#1	6.586359	26.51065	.1090879	-.003401	.2897992	.1435154	1.476744
#2	6.672095	26.83663	.1100228	-.003583	.3039202	.1538178	1.502976
#3	6.627120	26.56103	.1085082	-.003196	.3919824	.1520487	1.499018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.652010	2.207177	-.020891	.0009154	1.211185	2.029253	.0049516
Stddev	.056683	.017964	.001368	.0002627	.008579	.083929	.0012812
%RSD	1.552105	.8138958	6.547033	28.69528	.7082830	4.135974	25.87464

#1	3.707484	2.194929	-.019924	.0006124	1.217899	1.979862	.0064310
#2	3.594190	2.227799	-.022456	.0010558	1.214136	1.981737	.0042189
#3	3.654356	2.198803	-.020294	.0010781	1.201521	2.126160	.0042049

Sample Name: I2550-19 Acquired: 4/7/2017 14:24:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4624620	.0241004	.0564700
Stddev	.0032942	.0013776	.0002576
%RSD	.7123191	5.716195	.4561027

#1	.4596150	.0236803	.0563219
#2	.4660702	.0256391	.0567674
#3	.4617008	.0229817	.0563207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.334	2390.567	40571.23	5898.907	3653.883
Stddev	6.922	11.339	133.21	44.109	17.641
%RSD	.5014988	.4743307	.3283388	.7477473	.4828055

#1	1372.489	2386.063	40429.29	5921.482	3649.604
#2	1385.581	2382.172	40693.53	5848.080	3638.775
#3	1382.932	2403.466	40590.87	5927.159	3673.270

Sample Name: I2550-20 Acquired: 4/7/2017 14:28:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445229	-.002996	4.638845	-.001344	.0012736	40.10985	2.757205
Stddev	.0042601	.001485	.029550	.001199	.0013047	.10912	.011627
%RSD	9.568350	49.56250	.6370138	89.25263	102.4438	.2720647	.4217036

#1	.0441968	-.002053	4.633023	-.000044	-.000105	40.10882	2.751409
#2	.0489367	-.004708	4.670872	-.001581	.001438	40.00124	2.749615
#3	.0404352	-.002228	4.612639	-.002407	.002488	40.21948	2.770591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045511	.0204175	58.66677	.0717796	.0822356	.1776447	90.46174
Stddev	.0001080	.0001994	.41104	.0002973	.0002501	.0016942	.47657
%RSD	2.373836	.9765124	.7006282	.4141710	.3041806	.9536789	.5268242

#1	.0045619	.0205316	58.35857	.0716024	.0821052	.1783094	90.20531
#2	.0044381	.0205337	58.50828	.0716135	.0825241	.1757189	90.16827
#3	.0046534	.0201873	59.13346	.0721228	.0820777	.1789056	91.01162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.203729	26.61766	.1103870	-.002959	.2282866	.1321982	1.374023
Stddev	.048940	.14859	.0009174	.000330	.1636525	.0024665	.012079
%RSD	.7888778	.5582392	.8310764	11.16060	71.68727	1.865774	.8790803

#1	6.173309	26.53901	.1104539	-.002607	.2725853	.1346584	1.360169
#2	6.177695	26.52492	.1112691	-.003011	.3652296	.1297254	1.382342
#3	6.260183	26.78904	.1094380	-.003261	.0470450	.1322109	1.379560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.872594	2.139129	-.017980	.0006841	1.284008	2.093636	.0035950
Stddev	.015037	.018117	.001225	.0002162	.013220	.025145	.0003978
%RSD	.3883052	.8469497	6.812517	31.60736	1.029563	1.201023	11.06445

#1	3.855242	2.129628	-.016908	.0005094	1.288405	2.083546	.0038831
#2	3.880717	2.160021	-.019315	.0006169	1.294469	2.075103	.0031412
#3	3.881823	2.127738	-.017718	.0009259	1.269150	2.122259	.0037607

Sample Name: I2550-20 Acquired: 4/7/2017 14:28:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YP9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4357811	.0250340	.0581333
Stddev	.0030116	.0002386	.0001249
%RSD	.6910839	.9530189	.2147873

#1	.4356870	.0247672	.0580160
#2	.4328176	.0252267	.0581192
#3	.4388387	.0251081	.0582646

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.067	2356.113	40621.64	5908.711	3624.477
Stddev	11.421	12.543	177.96	45.945	21.216
%RSD	.8342073	.5323792	.4380980	.7775768	.5853566

#1	1382.243	2347.728	40827.02	5937.761	3620.155
#2	1362.005	2350.077	40513.07	5932.631	3605.755
#3	1362.952	2370.533	40524.84	5855.741	3647.522

Sample Name: I2550-21 Acquired: 4/7/2017 14:32:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722580	-.007091	10.68045	-.006122	.0040342	83.02187	6.825178
Stddev	.0019854	.001513	.02483	.003746	.0017314	.20756	.012998
%RSD	2.747609	21.33821	.2325049	61.18180	42.91716	.2500089	.1904351

#1	.0723985	-.008203	10.66170	-.008801	.0047196	83.03905	6.832206
#2	.0702062	-.007703	10.70861	-.007724	.0053180	83.22031	6.833149
#3	.0741694	-.005368	10.67104	-.001842	.0020651	82.80625	6.810180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087918	.0454379	143.3954	.1173016	.1897818	.3487927	171.9890
Stddev	.0001650	.0004730	.5970	.0006932	.0010231	.0021535	.5116
%RSD	1.877175	1.040962	.4163648	.5909170	.5391135	.6174230	.2974747

#1	.0086024	.0453710	142.7063	.1175518	.1905912	.3511101	171.4156
#2	.0088675	.0459408	143.7563	.1178348	.1901224	.3484151	172.3989
#3	.0089053	.0450020	143.7238	.1165180	.1886318	.3468530	172.1526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.83489	69.99014	.2388414	-.006696	.8225346	.2413929	2.853842
Stddev	.03991	.21042	.0001563	.000506	.0457899	.0041028	.010317
%RSD	.2884704	.3006426	.0654505	7.560455	5.566929	1.699639	.3615082

#1	13.79662	69.75587	.2386741	-.006977	.8727319	.2458540	2.858152
#2	13.83178	70.16308	.2388663	-.006111	.7830523	.2405433	2.842069
#3	13.87626	70.05148	.2389838	-.006999	.8118195	.2377814	2.861305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.247214	4.546318	-.036436	.0015048	3.146820	4.852306	.0104822
Stddev	.102693	.017134	.000495	.0003323	.008356	.059034	.0011746
%RSD	1.245187	.3768672	1.357617	22.07960	.2655356	1.216612	11.20545

#1	8.346998	4.528788	-.035871	.0013513	3.152233	4.909198	.0105786
#2	8.252806	4.563025	-.036792	.0012771	3.151031	4.856378	.0116056
#3	8.141840	4.547142	-.036644	.0018861	3.137196	4.791341	.0092624

Sample Name: I2550-21 Acquired: 4/7/2017 14:32:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6904300	.0547883	.1333146
Stddev	.0150852	.0001368	.0007433
%RSD	2.184899	.2497825	.5575776

#1	.7034706	.0549463	.1336610
#2	.6939107	.0547071	.1338216
#3	.6739087	.0547114	.1324613

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1421.487	2472.389	42112.92	6291.980	3366.486
Stddev	8.793	9.836	48.25	12.476	10.220
%RSD	.6185822	.3978423	.1145832	.1982894	.3035780

#1	1413.962	2477.600	42071.44	6305.384	3367.815
#2	1431.153	2461.044	42165.88	6289.850	3355.666
#3	1419.347	2478.523	42101.42	6280.706	3375.976

Sample Name: I2550-22 Acquired: 4/7/2017 14:36:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271885	-.002232	1.399563	.0005802	.0003430	19.87493	1.119267
Stddev	.0003405	.001469	.006842	.0013605	.0009010	.09779	.007613
%RSD	1.252464	65.80458	.4888388	234.4987	262.6824	.4920327	.6801447

#1	.0271308	-.000828	1.400859	-.000780	-.000392	19.95164	1.122500
#2	.0275541	-.003758	1.392167	.001940	.000073	19.76481	1.110571
#3	.0268805	-.002110	1.405665	.000580	.001348	19.90833	1.124729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028377	.0067009	14.18495	.0659365	.0414157	.0667678	62.04509
Stddev	.0000989	.0000302	.08725	.0006073	.0001190	.0011197	.41933
%RSD	3.484018	.4506621	.6151090	.9209724	.2873730	1.676931	.6758392

#1	.0028642	.0067346	14.14513	.0658810	.0414467	.0655742	62.04144
#2	.0027283	.0066764	14.12472	.0653589	.0412842	.0669344	61.62761
#3	.0029206	.0066916	14.28502	.0665696	.0415161	.0677948	62.46623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.133236	7.035277	.0548998	-.002352	.0587037	.1073904	.6599276
Stddev	.029520	.064478	.0009135	.000165	.0034044	.0048130	.0037516
%RSD	.9421666	.9165012	1.663893	6.999462	5.799331	4.481758	.5684807

#1	3.135079	6.999909	.0542619	-.002496	.0574489	.1113189	.6642237
#2	3.102837	6.996222	.0544912	-.002173	.0561048	.1088305	.6572983
#3	3.161791	7.109700	.0559462	-.002388	.0625574	.1020218	.6582607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.166734	1.367527	-.014966	.0006188	.4624802	1.806210	.0041094
Stddev	.025061	.002535	.000222	.0001264	.0041328	.025841	.0007290
%RSD	1.156620	.1853814	1.480701	20.42056	.8936253	1.430700	17.73999

#1	2.194999	1.367391	-.014745	.0007397	.4661601	1.805407	.0038510
#2	2.147231	1.370127	-.014964	.0004876	.4580089	1.780779	.0035447
#3	2.157971	1.365062	-.015188	.0006290	.4632717	1.832443	.0049324

Sample Name: I2550-22 Acquired: 4/7/2017 14:36:27 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YQ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4237861	.0109318	.0220126
Stddev	.0020690	.0014783	.0000901
%RSD	.4882244	13.52260	.4094861

#1	.4260795	.0099870	.0220769
#2	.4220595	.0101730	.0219096
#3	.4232195	.0126354	.0220514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.667	2351.437	40041.52	5728.541	3839.412
Stddev	2.091	9.193	51.16	55.143	16.292
%RSD	.1539800	.3909575	.1277626	.9625951	.4243313

#1	1355.797	2343.032	40001.55	5738.707	3825.491
#2	1357.279	2361.255	40023.83	5777.893	3857.330
#3	1359.924	2350.025	40099.17	5669.023	3835.414

Sample Name: PB98091BL Acquired: 4/7/2017 14:40:32 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0005493	.0013577	-.000365	.0012794	-.000423	.0071021	-.000512
Stddev	.0030755	.0009780	.000083	.0011395	.000808	.0055134	.000542
%RSD	559.8497	72.03424	22.67423	89.06727	191.2009	77.63044	105.8404

#1	-.002669	.0014827	-.000457	.0017288	-.000016	.0012638	.000077
#2	.000857	.0022672	-.000341	-.000016	-.001354	.0078230	-.000623
#3	.003459	.0003232	-.000297	.002126	.000101	.0122197	-.000989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000415	.0000680	-.006559	-.000654	.0000439	.0037979	-.002116
Stddev	.0000319	.0000285	.008979	.000394	.0002416	.0027146	.005147
%RSD	76.77780	41.85831	136.8949	60.31920	550.8816	71.47709	243.2135

#1	.0000758	.0001007	.003109	-.001055	.0002049	.0007271	-.007380
#2	.0000359	.0000493	-.008150	-.000266	-.000234	.0047885	.002905
#3	.0000128	.0000539	-.014637	-.000640	.000161	.0058781	-.001874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000127	-.001806	.0001237	.0001688	-.043561	.0002027	.0021247
Stddev	.000208	.015994	.0003436	.0000739	.142759	.0033844	.0044930
%RSD	163.6821	885.7388	277.8661	43.77478	327.7198	1669.684	211.4626

#1	-.000275	-.000502	.0002970	.0001083	-.135555	-.002378	-.002319
#2	-.000216	-.018412	-.000272	.0001469	-.116027	.004035	.006665
#3	.000111	.013497	.000346	.0002511	.120897	-.001049	.002028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022341	-.001617	-.003081	-.000001	-.005503	.0005631	-.001039
Stddev	.038099	.000074	.001084	.000125	.002996	.0008940	.000522
%RSD	170.5333	4.582717	35.19035	8838.926	54.44435	158.7763	50.19458

#1	-.009639	-.001700	-.004293	.000101	-.007074	-.000387	-.000686
#2	-.065169	-.001557	-.002744	.000035	-.007388	.001388	-.001638
#3	.007784	-.001593	-.002205	-.000140	-.002048	.000688	-.000793

Sample Name: PB98091BL Acquired: 4/7/2017 14:40:32 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0001785	-.001068	-.000019
Stddev	.0003566	.000390	.000013
%RSD	199.7401	36.57011	70.54681

#1	.0002539	-.000789	-.000018
#2	-.000210	-.000899	-.000006
#3	.000491	-.001514	-.000033

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.468	2330.845	40011.62	5355.768	4065.072
Stddev	32.297	12.558	795.72	114.104	16.717
%RSD	2.341299	.5387953	1.988732	2.130494	.4112239

#1	1366.499	2318.567	39692.72	5438.337	4059.621
#2	1416.234	2330.301	40917.33	5403.402	4051.761
#3	1355.671	2343.666	39424.82	5225.564	4083.833

Sample Name: PB98091BS Acquired: 4/7/2017 14:44:45 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0182375	.0469159	.0185766	.0660937	.1141581	.3985978
Stddev	.0029611	.0009158	.0018302	.0016877	.0016248	.0052315
%RSD	16.23645	1.951920	9.852253	2.553451	1.423257	1.312476

#1	.0149966	.0472043	.0197768	.0674833	.1130980	.3936068
#2	.0189143	.0458906	.0194829	.0642157	.1133477	.4040405
#3	.0208017	.0476527	.0164701	.0665821	.1160287	.3981462

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4117160	.0097625	.0092568	10.12856	.0199503	.0916193
Stddev	.0011482	.0000497	.0000745	.01963	.0001907	.0009705
%RSD	.2788733	.5093768	.8051606	.1938542	.9558842	1.059272

#1	.4130334	.0097598	.0092304	10.10608	.0201034	.0916502
#2	.4109283	.0097142	.0091990	10.14237	.0197367	.0906337
#3	.4111863	.0098136	.0093409	10.13722	.0200108	.0925740

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561590	.2093693	.0307727	9.586177	.0761235	.0191258
Stddev	.0015444	.0113436	.0003857	.051435	.0008818	.0002053
%RSD	2.750069	5.417987	1.253354	.5365498	1.158452	1.073599

#1	.0549435	.2219787	.0303405	9.526994	.0761381	.0193597
#2	.0578969	.2061354	.0308958	9.620072	.0752345	.0190430
#3	.0556367	.1999939	.0310819	9.611466	.0769981	.0189749

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.777583	.1004598	.1044452	9.667715	F .0275014	F .0177820
Stddev	.183367	.0027041	.0048148	.007799	.0011401	.0012294
%RSD	1.875384	2.691695	4.609853	.0806723	4.145763	6.913592

#1	9.917382	.0991776	.1058705	9.674537	.0285152	.0166448
#2	9.845401	.0986354	.0990787	9.669394	.0262671	.0176149
#3	9.569968	.1035665	.1083865	9.659212	.0277220	.0190864

Sample Name: PB98091BS Acquired: 4/7/2017 14:44:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0221448	.1545689	.1944881	F .0152049	.2008777	.0982028
Stddev	.0001644	.0040247	.0012266	.0009060	.0007925	.0006583
%RSD	.7424062	2.603795	.6306743	5.958864	.3945101	.6703153

#1	.0222601	.1501136	.1951431	.0156288	.2000036	.0988944
#2	.0222176	.1579415	.1930730	.0158212	.2010805	.0975840
#3	.0219565	.1556515	.1952480	.0141646	.2015491	.0981299

Elem	Sr4077
Units	ppm
Avg	.2124275
Stddev	.0003267
%RSD	.1537755

#1	.2127153
#2	.2124949
#3	.2120725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.045	2248.190	38470.00	5411.626	3861.925
Stddev	1.040	13.260	98.85	12.918	28.377
%RSD	.0801717	.5898158	.2569584	.2387010	.7348006

#1	1297.770	2245.035	38375.26	5397.874	3855.446
#2	1297.510	2262.744	38572.51	5423.505	3892.981
#3	1295.853	2236.792	38462.24	5413.498	3837.347

Sample Name: I2551-01 Acquired: 4/7/2017 14:48:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255431	-.002029	1.255412	-.000172	.0006524	20.16404	1.142738
Stddev	.0008444	.001436	.001489	.003375	.0008366	.05839	.000835
%RSD	3.305638	70.77945	.1186022	1965.944	128.2257	.2895920	.0730852

#1	.0265162	-.003233	1.254599	-.004028	-.000187	20.18531	1.142749
#2	.0251086	-.000440	1.257131	.001268	.000658	20.20882	1.143568
#3	.0250044	-.002413	1.254507	.002245	.001486	20.09799	1.141898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024310	.0058911	17.16370	.0485960	.0334142	.0645386	49.92013
Stddev	.0000086	.0000315	.07911	.0001542	.0000868	.0015402	.12231
%RSD	.3530463	.5344423	.4608953	.3173704	.2598606	2.386452	.2450108

#1	.0024409	.0058597	17.16098	.0486262	.0333258	.0650535	49.91820
#2	.0024256	.0058909	17.24413	.0487329	.0334994	.0657553	50.04340
#3	.0024265	.0059226	17.08598	.0484289	.0334173	.0628069	49.79880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.624923	8.144649	.0490564	-.001644	.1644853	.0805655	.5531372
Stddev	.010865	.080225	.0007681	.000262	.1013514	.0024989	.0151406
%RSD	.4139126	.9850038	1.565654	15.93674	61.61729	3.101685	2.737231

#1	2.630832	8.148435	.0483524	-.001566	.0479751	.0787849	.5705812
#2	2.631553	8.222915	.0498755	-.001937	.2322865	.0834222	.5454255
#3	2.612385	8.062599	.0489414	-.001430	.2131942	.0794895	.5434050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.216404	1.161758	-.010326	.0004248	.5288171	1.351956	.0029269
Stddev	.021825	.004835	.000731	.0002460	.0018397	.004692	.0008330
%RSD	.9847128	.4161704	7.081182	57.92509	.3478974	.3470255	28.45911

#1	2.240890	1.167117	-.009523	.0007087	.5278740	1.349467	.0025140
#2	2.198998	1.160435	-.010954	.0002915	.5309371	1.357368	.0038857
#3	2.209323	1.157722	-.010501	.0002741	.5276401	1.349034	.0023811

Sample Name: I2551-01 Acquired: 4/7/2017 14:48:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3716039	.0109063	.0237127
Stddev	.0022698	.0004337	.0000986
%RSD	.6108108	3.976789	.4157490

#1	.3711464	.0107268	.0237651
#2	.3740676	.0105911	.0237740
#3	.3695977	.0114009	.0235990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.048	2326.139	39818.00	5739.513	3856.827
Stddev	6.528	9.062	62.82	16.165	12.139
%RSD	.4864399	.3895702	.1577567	.2816421	.3147492

#1	1340.591	2331.862	39745.79	5734.612	3861.658
#2	1349.181	2315.691	39860.03	5726.366	3843.016
#3	1336.371	2330.864	39848.18	5757.562	3865.807

Sample Name: I2551-02 Acquired: 4/7/2017 14:52:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260954	-.002190	1.272386	.0003178	.0006992	20.29260	1.152021
Stddev	.0028862	.001961	.008194	.0014798	.0010053	.58149	.031600
%RSD	11.06025	89.55813	.6439946	465.6571	143.7892	2.865518	2.742975

#1	.0293432	-.002657	1.271325	.0020263	.0007907	19.62822	1.116815
#2	.0251188	-.003875	1.281058	-.000515	.0016556	20.54064	1.161320
#3	.0238242	-.000037	1.264774	-.000558	-.000349	20.70893	1.177927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023867	.0058436	17.36379	.0495291	.0339385	.0646490	50.18659
Stddev	.0000868	.0000259	.46422	.0004780	.0003574	.0017211	1.33454
%RSD	3.637734	.4428200	2.673510	.9651342	1.053103	2.662150	2.659164

#1	.0022869	.0058463	16.87001	.0499012	.0335944	.0632381	48.70963
#2	.0024447	.0058165	17.42999	.0489900	.0343078	.0641424	50.54437
#3	.0024285	.0058680	17.79135	.0496963	.0339132	.0665665	51.30579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.638817	8.210344	.0500743	-.001966	.0207598	.0834942	.5559733
Stddev	.070749	.179605	.0001437	.000113	.0998210	.0032067	.0044732
%RSD	2.681085	2.187540	.2868920	5.725492	480.8384	3.840618	.8045625

#1	2.560008	8.009310	.0501062	-.001967	.0974936	.0797936	.5539695
#2	2.659583	8.266737	.0499173	-.001852	.0568788	.0852360	.5610980
#3	2.696858	8.354984	.0501993	-.002077	-.092093	.0854531	.5528523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.232715	1.178533	-.010386	.0004094	.5361146	1.364860	.0027647
Stddev	.037595	.003584	.001423	.0001292	.0063429	.032589	.0004241
%RSD	1.683811	.3040993	13.70476	31.56073	1.183124	2.387712	15.34016

#1	2.196132	1.177047	-.009147	.0004464	.5304845	1.331528	.0030782
#2	2.230768	1.182620	-.011940	.0005160	.5429866	1.366402	.0022821
#3	2.271246	1.175931	-.010069	.0002657	.5348727	1.396651	.0029337

Sample Name: I2551-02 Acquired: 4/7/2017 14:52:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3736438	.0118435	.0239698
Stddev	.0105918	.0010421	.0006091
%RSD	2.834722	8.799183	2.541095

#1	.3614706	.0108032	.0232812
#2	.3787078	.0128875	.0241900
#3	.3807529	.0118399	.0244382

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.931	2291.287	39570.08	5695.831	3813.615
Stddev	1.913	7.010	39.68	119.120	17.022
%RSD	.1434367	.3059429	.1002734	2.091360	.4463486

#1	1336.141	2291.612	39615.21	5826.141	3816.922
#2	1332.821	2284.121	39554.39	5668.809	3795.182
#3	1332.832	2298.130	39540.66	5592.543	3828.741

Sample Name: I2551-03 Acquired: 4/7/2017 14:57:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981597	.0964196	1.375153	.0929854	.1908619	24.97678	5.227149
Stddev	.0022107	.0011550	.004015	.0024544	.0009126	.20544	.025405
%RSD	2.252111	1.197844	.2919856	2.639568	.4781234	.8225286	.4860117

#1	.1006138	.0958084	1.371269	.0923240	.1898901	25.09214	5.241121
#2	.0975408	.0977517	1.374904	.0957028	.1917006	24.73959	5.197826
#3	.0963244	.0956986	1.379287	.0909296	.1909950	25.09862	5.242502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909276	.0942543	18.13018	.4117364	.9542836	.5579852	54.55849
Stddev	.0007818	.0002071	.08151	.0039866	.0002784	.0022592	.33122
%RSD	.8597747	.2197532	.4495675	.9682289	.0291757	.4048903	.6070991

#1	.0915102	.0944247	18.14664	.4163019	.9544646	.5600901	54.71248
#2	.0900391	.0940238	18.04171	.4089441	.9544231	.5555981	54.17830
#3	.0912335	.0943144	18.20221	.4099632	.9539630	.5582673	54.78468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.689635	8.653030	1.006218	.0566503	.1329558	1.073703	1.416006
Stddev	.017370	.034473	.001775	.0005806	.0857323	.009156	.016946
%RSD	.4707913	.3983968	.1763651	1.024911	64.48178	.8527475	1.196762

#1	3.695341	8.691240	1.005542	.0573026	.1855661	1.072226	1.417970
#2	3.670130	8.643591	1.004881	.0564582	.1792741	1.065375	1.398164
#3	3.703435	8.624260	1.008231	.0561901	.0340274	1.083507	1.431885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398801	1.249372	-.011445	.0000664	.5459964	1.650573	.0027740
Stddev	.030518	.005609	.000155	.0002139	.0037019	.016484	.0011236
%RSD	1.272221	.4489722	1.352663	322.2295	.6780168	.9986822	40.50306

#1	2.404345	1.243750	-.011623	-.000134	.5464352	1.656176	.0040328
#2	2.365890	1.249397	-.011371	.000042	.5494593	1.632018	.0018726
#3	2.426166	1.254968	-.011340	.000291	.5420946	1.663526	.0024166

Sample Name: I2551-03 Acquired: 4/7/2017 14:57:00 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YQ2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3955672	.0115706	.0254278
Stddev	.0015981	.0004137	.0001813
%RSD	.4039974	3.575533	.7131976

#1	.3965424	.0112827	.0253858
#2	.3937230	.0113843	.0252711
#3	.3964364	.0120447	.0256265

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.341	2281.782	40032.21	5775.607	3786.108
Stddev	17.553	1.220	428.73	30.030	4.588
%RSD	1.313546	.0534646	1.070951	.5199427	.1211735

#1	1316.667	2280.597	39537.26	5749.255	3780.977
#2	1350.398	2281.713	40288.20	5808.302	3787.534
#3	1341.959	2283.034	40271.18	5769.264	3789.813

Sample Name: I2551-01LX5 Acquired: 4/7/2017 15:00:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083674	.0010526	.2625271	.0002705	.0011768	4.221726	.2388634
Stddev	.0010486	.0014350	.0051083	.0016929	.0041380	.052599	.0017028
%RSD	12.53231	136.3298	1.945822	625.7751	351.6371	1.245906	.7128867

#1	.0074253	.0011391	.2679680	.0017791	.0057014	4.254676	.2405446
#2	.0081798	.0024424	.2617797	.0005928	.0002446	4.161066	.2371398
#3	.0094972	-.000424	.2578337	-.001560	-.002416	4.249437	.2389058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005904	.0013520	3.654804	.0096180	.0070251	.0151678	10.60630
Stddev	.0000136	.0000443	.046289	.0001969	.0001022	.0016951	.15866
%RSD	2.301606	3.274003	1.266523	2.047442	1.454697	11.17558	1.495950

#1	.0005930	.0013995	3.666009	.0098399	.0071006	.0145680	10.75974
#2	.0005756	.0013444	3.603941	.0095500	.0070660	.0138541	10.44288
#3	.0006024	.0013119	3.694462	.0094640	.0069088	.0170812	10.61626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5540153	1.728189	.0102664	-.000348	-.050556	.0194803	.1056656
Stddev	.0070164	.024447	.0001415	.000083	.112127	.0012406	.0039718
%RSD	1.266468	1.414577	1.378087	23.87061	221.7902	6.368510	3.758860

#1	.5584395	1.735120	.0104138	-.000311	-.173529	.0187828	.1089557
#2	.5459252	1.701025	.0101317	-.000291	-.024151	.0209127	.1067878
#3	.5576811	1.748422	.0102538	-.000444	.046013	.0187454	.1012535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4657907	.2388078	-.005244	-.000038	.1082302	.2898088	.0007192
Stddev	.0259064	.0062397	.000537	.000152	.0016005	.0043777	.0003172
%RSD	5.561816	2.612876	10.24723	396.2816	1.478769	1.510565	44.10848

#1	.4533962	.2459665	-.005019	-.000190	.1100557	.2925396	.0005991
#2	.4484100	.2359353	-.005857	-.000039	.1070683	.2847594	.0004795
#3	.4955660	.2345217	-.004855	.000114	.1075665	.2921274	.0010789

Sample Name: I2551-01LX5 Acquired: 4/7/2017 15:00:59 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YQ2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0765479	.0021847	.0049951
Stddev	.0012723	.0012359	.0000249
%RSD	1.662142	56.57078	.4981654

#1	.0759124	.0032837	.0050232
#2	.0757185	.0008467	.0049761
#3	.0780128	.0024238	.0049859

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.321	2265.279	39442.21	5552.045	3950.227
Stddev	50.414	34.654	1353.72	57.034	61.941
%RSD	3.789646	1.529774	3.432159	1.027259	1.568036

#1	1374.334	2225.912	40638.42	5504.470	3880.186
#2	1341.310	2278.749	39715.52	5615.270	3972.704
#3	1275.318	2291.175	37972.68	5536.394	3997.792

Sample Name: CCV033 Acquired: 4/7/2017 15:05:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.103324	4.543660	23.11013	5.263133	5.289172	390.2773	10.02322
Stddev	.166099	.133102	.74384	.176303	.187945	.6242	.02884
%RSD	3.254727	2.929399	3.218659	3.349767	3.553393	.1599307	.2877244

#1	5.126128	4.533821	23.14867	5.298764	5.330637	390.1299	10.04871
#2	5.256844	4.681408	23.83395	5.418899	5.452922	390.9620	10.02904
#3	4.927001	4.415751	22.34777	5.071736	5.083957	389.7401	9.99192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4848561	2.427417	393.2184	14.57217	2.405902	15.27292	388.7454
Stddev	.0012881	.079812	.5459	.13662	.077656	.03072	.2732
%RSD	.2656626	3.287959	.1388182	.9375409	3.227709	.2011412	.0702775

#1	.4842747	2.431476	393.7063	14.54984	2.412109	15.26903	389.0609
#2	.4839612	2.505122	392.6289	14.44809	2.480268	15.30540	388.5848
#3	.4863324	2.345652	393.3200	14.71857	2.325329	15.24433	388.5906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78584	383.3223	2.476218	1.250102	383.7697	2.388951	14.63858
Stddev	.01832	.1538	.080739	.011727	.7770	.002676	.23513
%RSD	.1328683	.0401191	3.260583	.9380825	.2024772	.1120002	1.606223

#1	13.78683	383.2162	2.482941	1.252889	383.8838	2.385933	14.54665
#2	13.76705	383.2520	2.553385	1.237232	384.4833	2.391033	14.46330
#3	13.80364	383.4986	2.392327	1.260184	382.9419	2.389886	14.90578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1284	4.907689	4.663331	5.143685	4.959041	4.626103	4.861475
Stddev	.0852	.155165	.013955	.172627	.167336	.013528	.158648
%RSD	.0552782	3.161675	.2992596	3.356099	3.374352	.2924239	3.263379

#1	154.2253	4.924233	4.664072	5.170290	4.952755	4.629750	4.871429
#2	154.0948	5.053919	4.649020	5.301465	5.129431	4.611125	5.014912
#3	154.0652	4.744915	4.676901	4.959300	4.794937	4.637433	4.698084

Sample Name: CCV033 Acquired: 4/7/2017 15:05:08 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.764831	5.154617	5.057467
Stddev	.011231	.024578	.016115
%RSD	.2357120	.4768202	.3186359

#1	4.753267	5.178103	5.067519
#2	4.775696	5.156672	5.038879
#3	4.765530	5.129076	5.066002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1044.242	1817.677	32530.84	5086.915	2726.602
Stddev	14.839	56.292	277.32	13.944	79.406
%RSD	1.421049	3.096920	.8524910	.2741240	2.912280

#1	1041.481	1804.390	32453.02	5080.499	2714.111
#2	1060.268	1769.217	32838.76	5102.913	2654.182
#3	1030.978	1879.423	32300.74	5077.334	2811.514

Sample Name: CCB033 Acquired: 4/7/2017 15:09:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035337	.0007096	-.000051	.0012810	-.001635	.0062832	-.000301
Stddev	.0003267	.0011171	.000252	.0024999	.000792	.0073927	.000101
%RSD	9.245035	157.4239	492.1502	195.1579	48.44333	117.6572	33.54230

#1	.0035430	.0017808	-.000297	.0030157	-.000802	.0139215	-.000402
#2	.0038556	.0007964	-.000063	-.001585	-.002378	-.000836	-.000200
#3	.0032024	-.000448	.000207	.002412	-.001723	.005765	-.000299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000915	.0001332	.0089278	-.000354	-.000001	.0009042	.0017177
Stddev	.0000816	.0000783	.0078829	.000314	.000079	.0017598	.0122064
%RSD	89.20788	58.81342	88.29611	88.70826	12336.75	194.6303	710.6355

#1	.0001563	.0000833	.0153697	-.000076	-.000084	.0027827	.0106332
#2	-.000000	.0002235	.0001376	-.000695	.000009	.0006362	-.012194
#3	.000118	.0000928	.0112761	-.000292	.000073	-.000706	.006714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004175	-.007701	.0002120	.0000269	-.051351	-.000428	.0025287
Stddev	.0003681	.024526	.0001146	.0001294	.106128	.002241	.0101034
%RSD	88.17744	318.4827	54.04807	480.3700	206.6732	523.2443	399.5436

#1	.0007664	.017826	.0002140	.0000030	-.070085	-.001410	-.003142
#2	.0004533	-.009842	.0003256	.0001666	.062897	.002136	.014194
#3	.0000328	-.031087	.0000965	-.000089	-.146864	-.002011	-.003465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120485	-.001466	.0043217	.0002209	.0002720	-.000815	-.001066
Stddev	.0096219	.000359	.0005890	.0002028	.0012712	.000825	.000233
%RSD	79.85997	24.48315	13.62863	91.83628	467.3179	101.2415	21.88865

#1	.0037003	-.001060	.0047475	.0001483	-.001044	-.001296	-.000954
#2	.0098735	-.001741	.0036495	.0000643	.001493	-.001287	-.000910
#3	.0225718	-.001596	.0045680	.0004500	.000367	.000138	-.001334

Sample Name: CCB033 Acquired: 4/7/2017 15:09:03 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000002	-.000136	.0000115
Stddev	.001677	.000534	.0000471
%RSD	86565.19	392.5505	407.9805

#1	-.001343	.000116	-.000020
#2	-.000541	-.000749	-.000011
#3	.001879	.000225	.000066

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.733	2271.009	38030.06	5422.637	4002.364
Stddev	25.815	42.970	879.10	86.893	78.116
%RSD	2.006269	1.892126	2.311581	1.602412	1.951741

#1	1295.638	2313.832	38259.10	5435.951	4084.233
#2	1257.644	2227.892	37059.11	5502.104	3928.640
#3	1306.917	2271.304	38771.97	5329.855	3994.219

Sample Name: I2551-04 Acquired: 4/7/2017 15:13:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581922	-.007379	5.509502	-.005285	.0028466	68.44493	4.862817
Stddev	.0037935	.000689	.041765	.000704	.0010492	.20877	.011222
%RSD	6.518880	9.333063	.7580554	13.32674	36.85643	.3050166	.2307697

#1	.0600281	-.007129	5.461321	-.005847	.0036161	68.67278	4.871085
#2	.0607183	-.008158	5.531765	-.004495	.0032721	68.26282	4.850043
#3	.0538300	-.006850	5.535418	-.005513	.0016515	68.39920	4.867323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069042	.0252609	79.10985	.1103613	.1348436	.2219093	136.6961
Stddev	.0001116	.0001485	.30055	.0002321	.0012005	.0010963	.6413
%RSD	1.616781	.5878648	.3799121	.2102942	.8902876	.4940484	.4691672

#1	.0069325	.0250905	79.29606	.1103478	.1334613	.2231728	137.2467
#2	.0067811	.0253629	78.76313	.1105999	.1354453	.2213450	135.9920
#3	.0069989	.0253293	79.27036	.1101363	.1356243	.2212100	136.8497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21283	40.38201	.1858167	-.005884	.5906818	.2020203	1.812025
Stddev	.03290	.16387	.0009504	.000306	.0683239	.0028805	.026130
%RSD	.3221058	.4057900	.5114729	5.207061	11.56695	1.425835	1.442052

#1	10.23944	40.48929	.1848156	-.005928	.6672262	.2025813	1.819616
#2	10.17605	40.19339	.1859280	-.005558	.5358605	.2045790	1.833519
#3	10.22301	40.46336	.1867066	-.006166	.5689588	.1989006	1.782939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.242994	4.049916	-.023347	.0017151	2.525872	2.319141	.0068281
Stddev	.030422	.024116	.000403	.0002235	.016635	.010701	.0003320
%RSD	.3690703	.5954762	1.727218	13.03091	.6585985	.4614273	4.862836

#1	8.269169	4.022381	-.023439	.0019732	2.506742	2.330109	.0065073
#2	8.209616	4.067282	-.023696	.0015878	2.536944	2.308729	.0068068
#3	8.250196	4.060085	-.022905	.0015844	2.533931	2.318586	.0071703

Sample Name: I2551-04 Acquired: 4/7/2017 15:13:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6028239	.0446841	.0968773
Stddev	.0003597	.0004334	.0002948
%RSD	.0596752	.9699176	.3043105

#1	.6025824	.0448264	.0972118
#2	.6026519	.0441975	.0966553
#3	.6032373	.0450286	.0967649

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.204	2329.743	40913.89	6157.596	3394.345
Stddev	6.990	9.024	220.92	29.993	19.693
%RSD	.5150551	.3873569	.5399683	.4870828	.5801790

#1	1349.772	2339.571	40706.51	6123.735	3415.541
#2	1358.192	2321.829	40888.92	6180.822	3376.614
#3	1363.648	2327.828	41146.24	6168.233	3390.878

Sample Name: I2551-05 Acquired: 4/7/2017 15:17:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493754	-.006579	5.218752	-.001320	.0018433	51.75479	3.146242
Stddev	.0007320	.001665	.040168	.001226	.0020130	.16017	.009967
%RSD	1.482486	25.30421	.7696903	92.83985	109.2076	.3094728	.3167914

#1	.0485545	-.008322	5.252986	-.001519	.0041627	51.69866	3.140975
#2	.0499602	-.005006	5.228736	-.000007	.0005524	51.63025	3.140014
#3	.0496116	-.006409	5.174533	-.002434	.0008147	51.93547	3.157738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054282	.0253254	83.76975	.0862708	.1090184	.2102193	108.1520
Stddev	.0000392	.0003510	.46445	.0004624	.0011411	.0034756	.5824
%RSD	.7228959	1.385972	.5544367	.5359871	1.046678	1.653347	.5384664

#1	.0053867	.0254814	83.53633	.0857741	.1100505	.2083867	107.8512
#2	.0054647	.0255713	83.46831	.0866888	.1092116	.2142277	107.7816
#3	.0054331	.0249234	84.30461	.0863494	.1077931	.2080434	108.8233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.753729	32.94137	.1405306	-.004028	.4523566	.1672456	1.619513
Stddev	.059677	.29390	.0007508	.000134	.0371706	.0019907	.020625
%RSD	.6817335	.8922052	.5342817	3.336877	8.217098	1.190290	1.273516

#1	8.731181	32.69886	.1411293	-.004011	.4586574	.1657107	1.603670
#2	8.708611	32.85703	.1407743	-.004170	.4124383	.1694949	1.642834
#3	8.821395	33.26823	.1396882	-.003903	.4859741	.1665311	1.612036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.129173	2.876871	-.015955	.0011332	2.015887	2.012088	.0053573
Stddev	.059615	.027467	.000613	.0001461	.013916	.002896	.0002331
%RSD	1.162267	.9547485	3.842250	12.89510	.6903070	.1439282	4.351224

#1	5.095137	2.907659	-.015563	.0011240	2.023027	2.010799	.0051191
#2	5.094372	2.868075	-.015641	.0012837	2.024784	2.015405	.0055850
#3	5.198008	2.854880	-.016662	.0009918	1.999851	2.010061	.0053678

Sample Name: I2551-05 Acquired: 4/7/2017 15:17:18 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5603119	.0335451	.0860660
Stddev	.0040965	.0000741	.0000495
%RSD	.7311138	.2210265	.0574630

#1	.5594341	.0335959	.0861230
#2	.5567254	.0335794	.0860411
#3	.5647761	.0334600	.0860339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.412	2309.948	40022.14	6027.616	3492.037
Stddev	3.230	15.409	156.98	28.347	30.200
%RSD	.2422675	.6670766	.3922272	.4702833	.8648124

#1	1336.579	2296.590	40194.93	6034.913	3464.381
#2	1330.122	2306.447	39888.32	6051.601	3487.470
#3	1333.536	2326.806	39983.17	5996.334	3524.260

Sample Name: I2551-06 Acquired: 4/7/2017 15:21:22 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437297	-.004365	4.324759	-.001249	.0024542	44.57821	2.599250
Stddev	.0021583	.001644	.095869	.003028	.0010539	.42554	.016917
%RSD	4.935534	37.67426	2.216749	242.4206	42.94100	.9545894	.6508437

#1	.0461333	-.003093	4.396877	-.001292	.0031539	44.58129	2.603310
#2	.0419575	-.003780	4.361433	-.004256	.0012422	45.00220	2.613767
#3	.0430982	-.006222	4.215967	.001800	.0029667	44.15114	2.580672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047348	.0183413	73.96203	.0773109	.0880050	.1753629	95.91204
Stddev	.0000290	.0003622	.81839	.0007079	.0021106	.0024435	1.07908
%RSD	.6119429	1.974737	1.106501	.9156126	2.398283	1.393422	1.125076

#1	.0047445	.0186445	73.93955	.0767537	.0894404	.1781269	95.99563
#2	.0047023	.0184392	74.79143	.0770715	.0889930	.1744723	96.94690
#3	.0047577	.0179403	73.15511	.0781074	.0855816	.1734896	94.79359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.905862	28.82491	.1178787	-.003400	.4985680	.1488811	1.344794
Stddev	.066658	.31801	.0024664	.000208	.0696353	.0014532	.020555
%RSD	.9652418	1.103234	2.092295	6.116925	13.96707	.9761144	1.528483

#1	6.905069	28.90695	.1198709	-.003623	.4798127	.1472745	1.367882
#2	6.972914	29.09385	.1186451	-.003211	.4402312	.1492649	1.328485
#3	6.839604	28.47392	.1151201	-.003366	.5756602	.1501039	1.338015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.417168	2.429679	-.014735	.0010732	1.554237	1.911089	.0044496
Stddev	.059488	.052398	.002130	.0002503	.037074	.022163	.0001501
%RSD	1.346738	2.156591	14.45861	23.31876	2.385350	1.159695	3.372494

#1	4.451263	2.467980	-.013513	.0012665	1.580685	1.903356	.0044456
#2	4.451763	2.451091	-.017195	.0011626	1.570166	1.936082	.0046016
#3	4.348478	2.369966	-.013497	.0007905	1.511861	1.893828	.0043016

Sample Name: I2551-06 Acquired: 4/7/2017 15:21:22 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5312209	.0280191	.0729460
Stddev	.0042472	.0002858	.0006308
%RSD	.7995099	1.019985	.8647827

#1	.5290190	.0278224	.0727360
#2	.5361169	.0278881	.0736551
#3	.5285268	.0283469	.0724470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.797	2295.525	39887.59	5912.981	3540.320
Stddev	5.677	43.635	52.95	63.190	75.550
%RSD	.4272431	1.900885	.1327491	1.068670	2.133980

#1	1322.508	2257.422	39826.46	5908.805	3476.652
#2	1333.545	2286.027	39917.00	5851.981	3520.507
#3	1330.337	2343.128	39919.30	5978.155	3623.803

Sample Name: I2551-07 Acquired: 4/7/2017 15:25:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481676	-.004552	4.766806	-.002729	.0023384	45.27875	2.786905
Stddev	.0004255	.001831	.032606	.002816	.0006448	.02664	.008423
%RSD	.8832805	40.21553	.6840203	103.1965	27.57235	.0588296	.3022447

#1	.0479853	-.002603	4.735799	-.004455	.0025834	45.30459	2.789706
#2	.0486538	-.006234	4.800805	.000521	.0016071	45.28027	2.777438
#3	.0478636	-.004819	4.763815	-.004253	.0028247	45.25138	2.793570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049149	.0199476	87.15660	.0749731	.0948881	.1863114	98.68502
Stddev	.0000305	.0000838	.22760	.0005594	.0006388	.0017937	.20538
%RSD	.6207383	.4200017	.2611424	.7462054	.6732319	.9627288	.2081204

#1	.0049499	.0198511	87.11759	.0756092	.0942131	.1879936	98.48127
#2	.0049000	.0199902	86.95102	.0747527	.0954832	.1844239	98.68180
#3	.0048947	.0200016	87.40118	.0745574	.0949682	.1865169	98.89200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.420487	34.17854	.1269622	-.003452	.4450327	.1527148	1.425229
Stddev	.022503	.16131	.0015072	.000020	.0697685	.0033982	.022240
%RSD	.3032584	.4719716	1.187090	.5671142	15.67717	2.225172	1.560465

#1	7.401286	34.26103	.1253281	-.003430	.5252330	.1515186	1.449154
#2	7.414924	33.99266	.1282978	-.003466	.4115338	.1500765	1.421349
#3	7.445249	34.28193	.1272608	-.003461	.3983312	.1565493	1.405184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.524278	2.669417	-.017219	.0011647	1.705974	1.781705	.0063041
Stddev	.040373	.015025	.001325	.0000455	.012316	.004529	.0010913
%RSD	.8923562	.5628400	7.693207	3.902049	.7219584	.2542112	17.31123

#1	4.570502	2.658282	-.018198	.0011729	1.692259	1.786098	.0069972
#2	4.506405	2.686506	-.017746	.0012056	1.716089	1.781966	.0068690
#3	4.495926	2.663463	-.015711	.0011158	1.709574	1.777051	.0050461

Sample Name: I2551-07 Acquired: 4/7/2017 15:25:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4898954	.0279410	.0815826
Stddev	.0030339	.0003592	.0001830
%RSD	.6192887	1.285530	.2242794

#1	.4899556	.0277772	.0816983
#2	.4928987	.0276929	.0813716
#3	.4868319	.0283529	.0816778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.827	2327.084	40810.54	6080.192	3550.958
Stddev	10.762	21.172	56.10	8.401	23.568
%RSD	.7937848	.9098076	.1374663	.1381664	.6637015

#1	1354.513	2337.543	40746.34	6072.175	3566.869
#2	1345.783	2302.718	40835.14	6079.470	3523.883
#3	1367.187	2340.992	40850.14	6088.930	3562.122

Sample Name: I2551-08 Acquired: 4/7/2017 15:29:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0582840	-.005755	6.706120	-.006537	.0023589	71.82964	4.948777
Stddev	.0016806	.001266	.092115	.002467	.0006710	.11504	.013466
%RSD	2.883496	22.00784	1.373596	37.74556	28.44457	.1601613	.2721057

#1	.0563445	-.006825	6.599761	-.004072	.0028706	71.74682	4.939663
#2	.0591972	-.006082	6.760286	-.006530	.0026069	71.78110	4.942424
#3	.0593103	-.004357	6.758315	-.009007	.0015992	71.96100	4.964244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066967	.0293345	134.1087	.0888971	.1320005	.2485180	134.0771
Stddev	.0000424	.0002465	.5923	.0049366	.0020636	.0019264	.4365
%RSD	.6335506	.8402895	.4416544	5.553153	1.563315	.7751682	.3255289

#1	.0066751	.0290518	133.4256	.0937448	.1296739	.2498964	133.5826
#2	.0067455	.0294466	134.4219	.0838761	.1336094	.2493408	134.4083
#3	.0066693	.0295049	134.4787	.0890704	.1327182	.2463168	134.2405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27831	58.88867	.1775732	-.004750	.6616579	.1930373	2.072910
Stddev	.04195	.24615	.0027164	.000830	.0655778	.0022738	.086786
%RSD	.4080949	.4179922	1.529753	17.46866	9.911141	1.177880	4.186666

#1	10.23082	58.63211	.1744602	-.005657	.6552952	.1946292	2.121275
#2	10.31032	59.12289	.1787968	-.004030	.5994934	.1940495	1.972719
#3	10.29379	58.91102	.1794627	-.004564	.7301853	.1904332	2.124738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.316421	3.642514	-.022273	.0011227	2.752793	2.180645	.0080661
Stddev	.043079	.053576	.001039	.0006752	.037448	.011611	.0001041
%RSD	.5887993	1.470864	4.665281	60.13445	1.360352	.5324596	1.290723

#1	7.271511	3.580722	-.022700	.0005366	2.711033	2.193969	.0081299
#2	7.357399	3.676003	-.023030	.0018610	2.763959	2.172686	.0079459
#3	7.320355	3.670818	-.021088	.0009706	2.783389	2.175281	.0081224

Sample Name: I2551-08 Acquired: 4/7/2017 15:29:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5793777	.0490689	.1254425
Stddev	.0010099	.0006531	.0003885
%RSD	.1743023	1.330897	.3096923

#1	.5790200	.0483733	.1251883
#2	.5805177	.0491645	.1252495
#3	.5785953	.0496689	.1258897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.369	2309.384	41295.52	6172.391	3355.933
Stddev	61.866	18.906	1783.16	16.123	35.181
%RSD	4.524472	.8186565	4.318056	.2612082	1.048326

#1	1313.997	2330.884	39640.31	6189.691	3396.545
#2	1435.177	2301.911	43183.73	6157.785	3334.788
#3	1352.933	2295.356	41062.53	6169.697	3336.466

Sample Name: I2551-09 Acquired: 4/7/2017 15:33:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642508	-.007759	8.520541	-.005610	.0059398	75.82817	5.396577
Stddev	.0037000	.000274	.129683	.003647	.0009738	.20775	.008715
%RSD	5.758629	3.527945	1.522001	65.01213	16.39360	.2739784	.1614853

#1	.0603799	-.008060	8.370841	-.002325	.0067047	75.61924	5.388671
#2	.0677520	-.007524	8.592229	-.009535	.0048437	76.03472	5.405922
#3	.0646204	-.007693	8.598553	-.004971	.0062711	75.83055	5.395138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074336	.0369738	127.1247	.0992036	.1568412	.3138395	149.9936
Stddev	.0000143	.0006580	.7058	.0006832	.0023042	.0040748	.6027
%RSD	.1916829	1.779586	.5551725	.6886813	1.469164	1.298378	.4018443

#1	.0074487	.0362220	126.3111	.0993262	.1541957	.3109429	149.3224
#2	.0074317	.0372543	127.5718	.0984674	.1579183	.3184989	150.4886
#3	.0074203	.0374450	127.4912	.0998172	.1584097	.3120766	150.1698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89106	55.84987	.2025419	-.005319	.7575218	.2210793	2.498207
Stddev	.05587	.35635	.0033385	.000110	.0079533	.0047251	.024183
%RSD	.4698810	.6380468	1.648293	2.073109	1.049908	2.137297	.9680324

#1	11.82660	55.44271	.1986874	-.005428	.7659732	.2165438	2.499914
#2	11.92573	56.10493	.2045183	-.005320	.7564083	.2207204	2.521491
#3	11.92084	56.00197	.2044201	-.005208	.7501840	.2259736	2.473215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.247122	3.920676	-.028292	.0015593	2.760235	2.110006	.0071657
Stddev	.071824	.082687	.001157	.0004516	.043454	.013270	.0005863
%RSD	.9910707	2.108999	4.089141	28.96108	1.574299	.6288897	8.182561

#1	7.303646	3.829256	-.027264	.0011217	2.712006	2.104676	.0073757
#2	7.271419	3.942533	-.029545	.0020237	2.772360	2.125112	.0076182
#3	7.166301	3.990239	-.028068	.0015325	2.796338	2.100230	.0065033

Sample Name: I2551-09 Acquired: 4/7/2017 15:33:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5952790	.0503715	.1230044
Stddev	.0005463	.0005742	.0002434
%RSD	.0917778	1.139974	.1978660

#1	.5947532	.0509737	.1227630
#2	.5952400	.0503107	.1232497
#3	.5958438	.0498300	.1230005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.724	2324.320	41604.46	6292.505	3335.502
Stddev	7.094	22.910	38.37	19.035	37.992
%RSD	.5152788	.9856790	.0922155	.3025051	1.139012

#1	1369.458	2350.173	41618.11	6304.047	3379.236
#2	1377.080	2306.535	41561.13	6270.535	3310.661
#3	1383.632	2316.254	41634.13	6302.934	3316.608

Sample Name: I2551-10 Acquired: 4/7/2017 15:37:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578190	-.006754	6.801913	-.003613	.0028583	56.52359	3.969505
Stddev	.0015490	.002289	.020735	.001250	.0018412	.34118	.020691
%RSD	2.679005	33.88848	.3048375	34.59657	64.41545	.6036054	.5212365

#1	.0562013	-.009257	6.794491	-.002689	.0031389	56.29087	3.963147
#2	.0579671	-.006238	6.785910	-.003115	.0045431	56.91524	3.992628
#3	.0592886	-.004768	6.825337	-.005035	.0008929	56.36466	3.952738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063457	.0294253	111.8975	.0890491	.1226247	.2600805	123.2729
Stddev	.0000565	.0000656	.6663	.0008465	.0003003	.0027677	.5951
%RSD	.8903280	.2230714	.5954746	.9506216	.2449081	1.064151	.4827406

#1	.0063033	.0293564	111.8144	.0885227	.1223335	.2584491	123.3747
#2	.0063239	.0294324	112.6014	.0900256	.1226074	.2632760	123.8105
#3	.0064098	.0294872	111.2766	.0885990	.1229333	.2585163	122.6335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.728530	46.75149	.1646517	-.003876	.5479995	.1813504	1.995971
Stddev	.047925	.27186	.0006353	.000323	.1293239	.0037617	.009912
%RSD	.4926184	.5815041	.3858383	8.327272	23.59928	2.074276	.4966152

#1	9.718607	46.65317	.1641340	-.004191	.6898975	.1770069	1.986164
#2	9.780640	47.05884	.1644605	-.003892	.5173415	.1835560	2.005985
#3	9.686345	46.54247	.1653606	-.003546	.4367593	.1834882	1.995763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.416866	3.126555	-.024496	.0011401	2.158744	2.069244	.0058344
Stddev	.031335	.019135	.001900	.0000921	.006870	.013417	.0007579
%RSD	.5784686	.6120085	7.756466	8.074434	.3182334	.6483886	12.98936

#1	5.380702	3.130944	-.025651	.0010468	2.151725	2.062656	.0063514
#2	5.435941	3.105608	-.022303	.0012308	2.159053	2.084681	.0049644
#3	5.433956	3.143115	-.025534	.0011427	2.165455	2.060395	.0061874

Sample Name: I2551-10 Acquired: 4/7/2017 15:37:39 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YQ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5096245	.0366364	.0999649
Stddev	.0013914	.0005101	.0004890
%RSD	.2730322	1.392277	.4891704

#1	.5092480	.0371156	.0997118
#2	.5111655	.0366934	.1005286
#3	.5084601	.0361002	.0996544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.618	2327.961	40753.84	6117.739	3458.911
Stddev	20.219	9.987	503.80	33.304	9.105
%RSD	1.498102	.4289962	1.236196	.5443795	.2632271

#1	1338.448	2335.088	40622.08	6116.869	3467.325
#2	1337.449	2332.248	40329.02	6084.878	3460.163
#3	1372.957	2316.546	41310.43	6151.468	3449.246

Sample Name: I2551-11 Acquired: 4/7/2017 15:41:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654759	-.007311	8.474537	-.005446	.0058161	81.01969	5.987454
Stddev	.0014964	.001163	.138866	.001320	.0020119	.16317	.015286
%RSD	2.285386	15.90414	1.638630	24.22891	34.59231	.2013930	.2552937

#1	.0666483	-.006183	8.594033	-.005387	.0049245	81.18765	5.996677
#2	.0659888	-.007243	8.507386	-.004157	.0044041	80.86178	5.969809
#3	.0637905	-.008506	8.322191	-.006795	.0081198	81.00963	5.995875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076055	.0372965	135.5456	.0999709	.1560852	.2881070	150.6934
Stddev	.0001262	.0005615	.4457	.0006262	.0023431	.0016601	.5187
%RSD	1.659373	1.505591	.3288515	.6264087	1.501185	.5762213	.3442114

#1	.0076427	.0375918	136.0117	.0995728	.1581396	.2872266	151.1776
#2	.0077089	.0376488	135.1234	.0996471	.1565827	.2900219	150.1460
#3	.0074649	.0366489	135.5016	.1006927	.1535332	.2870726	150.7568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.16358	61.90333	.2024469	-.005433	.7255458	.2254990	2.489899
Stddev	.04380	.16820	.0031880	.000359	.0948361	.0038112	.038433
%RSD	.3601295	.2717146	1.574737	6.612345	13.07101	1.690117	1.543544

#1	12.17553	62.09599	.2050284	-.005610	.8300479	.2295051	2.450898
#2	12.11505	61.82829	.2034289	-.005020	.6449509	.2250733	2.491062
#3	12.20018	61.78571	.1988834	-.005670	.7016386	.2219184	2.527737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.781871	3.731017	-.024709	.0013048	2.818905	3.058140	.0073809
Stddev	.005508	.057649	.001897	.0002713	.045188	.016204	.0005921
%RSD	.0707800	1.545122	7.678379	20.79500	1.603025	.5298556	8.022670

#1	7.781406	3.782233	-.026754	.0010338	2.862615	3.076827	.0067471
#2	7.787596	3.742234	-.023007	.0013040	2.821728	3.049598	.0074757
#3	7.776610	3.668584	-.024365	.0015765	2.772372	3.047993	.0079200

Sample Name: I2551-11 Acquired: 4/7/2017 15:41:41 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6830570	.0531363	.1308747
Stddev	.0042593	.0002020	.0003588
%RSD	.6235662	.3801090	.2741395

#1	.6863788	.0531795	.1312783
#2	.6782551	.0533132	.1305920
#3	.6845372	.0529163	.1307537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.803	2300.595	40867.60	6153.622	3302.722
Stddev	11.413	26.936	138.04	25.208	46.895
%RSD	.8455573	1.170829	.3377651	.4096462	1.419892

#1	1346.040	2269.991	40823.97	6126.156	3257.441
#2	1362.623	2311.091	41022.18	6159.008	3299.646
#3	1340.747	2320.703	40756.65	6175.702	3351.079

Sample Name: I2551-12 Acquired: 4/7/2017 15:45:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665920	-.007754	8.853926	-.005675	.0055319	81.03064	6.022205
Stddev	.0022904	.000868	.026627	.001606	.0005331	.61170	.047842
%RSD	3.439445	11.18906	.3007421	28.29967	9.636870	.7548983	.7944265

#1	.0692313	-.008623	8.826293	-.005876	.0059318	80.99158	5.997109
#2	.0654191	-.006888	8.879419	-.007171	.0049266	80.43941	5.992132
#3	.0651256	-.007751	8.856068	-.003978	.0057372	81.66094	6.077373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078683	.0415679	126.5421	.1017162	.1627170	.3143130	154.9660
Stddev	.0001098	.0003431	.9136	.0010299	.0005255	.0023552	1.0147
%RSD	1.394802	.8252706	.7219691	1.012535	.3229815	.7493058	.6547832

#1	.0077874	.0413200	125.9846	.1005271	.1621794	.3128041	154.5988
#2	.0078243	.0419594	126.0453	.1023265	.1632296	.3131080	154.1860
#3	.0079933	.0414243	127.5965	.1022951	.1627420	.3170268	156.1132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.88255	58.62599	.2068239	-.005418	.6895575	.2282681	2.670129
Stddev	.09844	.52712	.0012514	.000263	.1661518	.0022247	.017133
%RSD	.8284682	.8991206	.6050542	4.859147	24.09543	.9746030	.6416670

#1	11.84429	58.39564	.2060740	-.005119	.8799642	.2296801	2.671075
#2	11.80898	58.25325	.2082685	-.005612	.6147361	.2294207	2.652542
#3	11.99438	59.22908	.2061292	-.005525	.5739724	.2257036	2.686769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.841991	3.654799	-.030140	.0016200	2.734618	2.221214	.0089925
Stddev	.047446	.009724	.000537	.0002688	.007924	.014523	.0010885
%RSD	.6050224	.2660675	1.780968	16.59077	.2897504	.6538185	12.10413

#1	7.863412	3.644784	-.030431	.0018628	2.725801	2.208002	.0079509
#2	7.787612	3.655410	-.029520	.0016661	2.736908	2.218877	.0089042
#3	7.874949	3.664204	-.030468	.0013312	2.741144	2.236764	.0101224

Sample Name: I2551-12 Acquired: 4/7/2017 15:45:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5970051	.0534501	.1285638
Stddev	.0052540	.0011107	.0010910
%RSD	.8800572	2.077967	.8485978

#1	.5976503	.0534218	.1286100
#2	.5914584	.0523539	.1274504
#3	.6019068	.0545747	.1296309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.692	2342.054	41214.09	6239.341	3362.440
Stddev	13.728	8.723	253.06	30.461	5.306
%RSD	1.007418	.3724392	.6140101	.4882015	.1577991

#1	1358.566	2340.565	41295.99	6247.631	3365.622
#2	1378.009	2334.172	41416.06	6264.798	3356.315
#3	1351.499	2351.426	40930.22	6205.593	3365.382

Sample Name: I2551-13 Acquired: 4/7/2017 15:49:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569054	-.007176	6.943342	-.007082	.0018374	60.40212	4.566468
Stddev	.0020860	.001567	.061285	.004174	.0027916	.16140	.025373
%RSD	3.665726	21.83172	.8826465	58.93223	151.9369	.2672173	.5556269

#1	.0546335	-.008754	6.993369	-.011290	.0035086	60.43092	4.572650
#2	.0573483	-.007153	6.874983	-.002944	.0033889	60.54719	4.588179
#3	.0587344	-.005621	6.961674	-.007012	-.001385	60.22825	4.538576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065575	.0325587	102.4458	.0936960	.1283107	.2750577	128.0906
Stddev	.0000427	.0005739	.3386	.0002738	.0013547	.0021569	.4925
%RSD	.6518305	1.762770	.3305046	.2921996	1.055826	.7841643	.3844672

#1	.0065082	.0329620	102.1021	.0938385	.1295184	.2775279	128.1694
#2	.0065841	.0319016	102.7790	.0933804	.1268458	.2735473	128.5390
#3	.0065802	.0328123	102.4563	.0938691	.1285679	.2740979	127.5635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.552665	46.46399	.1727773	-.004084	.5368602	.1874413	2.093289
Stddev	.036058	.07695	.0023114	.000281	.1235001	.0051042	.019826
%RSD	.3774693	.1656024	1.337802	6.890644	23.00415	2.723088	.9471355

#1	9.538431	46.40709	.1752246	-.004234	.5196352	.1889879	2.093525
#2	9.593668	46.43334	.1706313	-.003759	.6680686	.1915932	2.073346
#3	9.525897	46.55154	.1724759	-.004259	.4228769	.1817426	2.112996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.012022	3.068559	-.026782	.0010927	2.213903	1.882945	.0053986
Stddev	.023458	.028199	.000769	.0001105	.031349	.005816	.0008904
%RSD	.3901808	.9189778	2.871815	10.11483	1.416018	.3088681	16.49392

#1	6.038317	3.091692	-.027541	.0011542	2.241056	1.877450	.0050413
#2	6.004506	3.037147	-.026003	.0011588	2.179595	1.889036	.0064121
#3	5.993244	3.076839	-.026800	.0009651	2.221060	1.882349	.0047422

Sample Name: I2551-13 Acquired: 4/7/2017 15:49:42 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4783010	.0392221	.1012256
Stddev	.0032570	.0006371	.0003995
%RSD	.6809611	1.624202	.3946473

#1	.4806823	.0390359	.1014841
#2	.4796313	.0399315	.1014273
#3	.4745893	.0386989	.1007655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.621	2311.122	41060.28	6137.944	3434.815
Stddev	12.992	23.016	362.12	17.659	37.839
%RSD	.9591165	.9958903	.8819270	.2877015	1.101622

#1	1350.632	2288.764	40932.70	6143.503	3400.803
#2	1369.140	2334.744	41468.93	6118.174	3475.573
#3	1344.091	2309.859	40779.22	6152.154	3428.069

Sample Name: I2551-14 Acquired: 4/7/2017 15:53:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650476	-.008195	8.434862	-.006811	.0027751	76.54564	6.028651
Stddev	.0026503	.000757	.051652	.002068	.0023611	.16994	.015094
%RSD	4.074453	9.241812	.6123585	30.37064	85.08069	.2220146	.2503636

#1	.0675950	-.008783	8.473947	-.008419	.0001146	76.45806	6.022230
#2	.0623051	-.007340	8.376304	-.007535	.0046212	76.74150	6.045893
#3	.0652426	-.008460	8.454333	-.004477	.0035895	76.43735	6.017830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075933	.0384113	127.7269	.0952170	.1533988	.3033687	148.2177
Stddev	.0000750	.0003048	.8362	.0007727	.0015320	.0008977	.7029
%RSD	.9879227	.7934002	.6546445	.8115607	.9986722	.2959131	.4742618

#1	.0075861	.0386108	126.8110	.0944999	.1550057	.3029353	147.4642
#2	.0076717	.0380605	128.4494	.0960354	.1519548	.3044008	148.8558
#3	.0075222	.0385626	127.9203	.0951157	.1532358	.3027699	148.3332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33602	61.06422	.1961661	-.004878	.6934385	.2177246	2.487787
Stddev	.04391	.16039	.0009624	.000338	.0976333	.0028636	.028284
%RSD	.3873380	.2626624	.4905916	6.930318	14.07960	1.315227	1.136921

#1	11.28576	60.88440	.1972581	-.004692	.6467115	.2172900	2.518238
#2	11.36695	61.19251	.1954417	-.004673	.8056542	.2151032	2.482787
#3	11.35535	61.11577	.1957984	-.005268	.6279499	.2207806	2.462336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.841472	3.555635	-.029072	.0015788	2.795310	2.775685	.0082346
Stddev	.021784	.030313	.000872	.0001139	.017819	.022991	.0019471
%RSD	.2778074	.8525463	2.999314	7.214758	.6374628	.8283144	23.64546

#1	7.825555	3.585192	-.030062	.0014475	2.813201	2.750265	.0103518
#2	7.866298	3.524617	-.028420	.0016377	2.777564	2.795025	.0065208
#3	7.832562	3.557095	-.028733	.0016511	2.795165	2.781766	.0078312

Sample Name: I2551-14 Acquired: 4/7/2017 15:53:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6864844	.0509549	.1277528
Stddev	.0029764	.0004374	.0001194
%RSD	.4335790	.8583899	.0934928

#1	.6859889	.0504554	.1276247
#2	.6896775	.0512693	.1277725
#3	.6837868	.0511399	.1278611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.745	2334.519	40910.88	6147.988	3335.654
Stddev	9.028	16.307	62.76	29.476	22.115
%RSD	.6698237	.6985117	.1534130	.4794373	.6629998

#1	1338.092	2316.348	40867.89	6174.144	3311.918
#2	1349.164	2347.880	40982.90	6116.049	3355.680
#3	1355.979	2339.329	40881.84	6153.770	3339.363

Sample Name: I2551-15 Acquired: 4/7/2017 15:57:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587330	-.006365	6.819378	-.004572	.0041787	70.85377	4.331078
Stddev	.0026104	.003155	.021039	.000938	.0018873	.46785	.034276
%RSD	4.444462	49.56783	.3085216	20.52717	45.16498	.6603066	.7913903

#1	.0617129	-.007980	6.835768	-.005628	.0063524	71.26717	4.360765
#2	.0568502	-.008387	6.795653	-.003834	.0032270	70.94826	4.338901
#3	.0576359	-.002730	6.826712	-.004253	.0029567	70.34588	4.293566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068184	.0332933	105.5215	.1005193	.1375455	.2609154	136.4680
Stddev	.0000291	.0000811	.8777	.0007969	.0002836	.0017377	.8396
%RSD	.4271608	.2436781	.8317701	.7928017	.2061579	.6660158	.6152050

#1	.0068038	.0332235	105.8946	.0996530	.1372180	.2619058	136.7362
#2	.0067995	.0332742	106.1509	.1012212	.1377096	.2619315	137.1407
#3	.0068520	.0333823	104.5188	.1006836	.1377087	.2589089	135.5271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.997790	45.34754	.1832773	-.004914	.6658567	.2067563	2.152887
Stddev	.073276	.21395	.0008429	.000127	.1035553	.0062346	.011904
%RSD	.7329261	.4718114	.4598837	2.589254	15.55218	3.015419	.5529420

#1	10.01330	45.39406	.1842495	-.004772	.7275631	.2137779	2.145341
#2	10.06207	45.53440	.1827508	-.004951	.7237048	.2046214	2.146709
#3	9.91800	45.11415	.1828317	-.005018	.5463021	.2018697	2.166610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.808661	3.457825	-.022713	.0014253	2.326654	2.238417	.0075794
Stddev	.051196	.004574	.000600	.0003032	.003665	.027701	.0003410
%RSD	.7519248	.1322913	2.641920	21.27267	.1575414	1.237526	4.498850

#1	6.862184	3.458312	-.023094	.0013062	2.329349	2.263898	.0071858
#2	6.803635	3.453026	-.022021	.0017700	2.328133	2.242422	.0077689
#3	6.760163	3.462136	-.023024	.0011998	2.322480	2.208932	.0077836

Sample Name: I2551-15 Acquired: 4/7/2017 15:57:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5946437	.0468938	.1070828
Stddev	.0015664	.0011015	.0006065
%RSD	.2634157	2.348982	.5663918

#1	.5963990	.0475931	.1076275
#2	.5941437	.0474642	.1071918
#3	.5933883	.0456240	.1064292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.891	2331.180	41005.52	6204.355	3408.690
Stddev	6.649	7.518	82.38	46.384	7.902
%RSD	.4921647	.3224777	.2008992	.7476018	.2318179

#1	1343.828	2323.431	40941.03	6179.876	3399.780
#2	1351.816	2331.668	40977.20	6175.340	3414.849
#3	1357.028	2338.442	41098.32	6257.851	3411.442

Sample Name: I2551-16 Acquired: 4/7/2017 16:01:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436607	-.003500	4.573247	.0000268	.0022386	45.92415	2.880430
Stddev	.0023426	.003238	.013292	.0048741	.0008827	.10573	.009942
%RSD	5.365345	92.52208	.2906397	18174.09	39.43279	.2302356	.3451481

#1	.0409668	-.004154	4.581826	-.005515	.0013103	46.01219	2.871955
#2	.0452187	.000015	4.579979	.001946	.0030673	45.95338	2.891373
#3	.0447967	-.006362	4.557936	.003650	.0023381	45.80687	2.877960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047616	.0212704	75.15216	.0791949	.0881606	.1836759	95.39179
Stddev	.0000676	.0000598	.19011	.0016075	.0005948	.0006033	.36655
%RSD	1.420169	.2813956	.2529604	2.029741	.6746562	.3284716	.3842553

#1	.0047057	.0213279	75.36885	.0809588	.0886866	.1841548	95.77424
#2	.0048368	.0212749	75.01342	.0778126	.0882799	.1829983	95.35759
#3	.0047425	.0212084	75.07421	.0788132	.0875152	.1838746	95.04354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.518089	31.54899	.1245245	-.003163	.3246185	.1482835	1.434297
Stddev	.030006	.10886	.0003804	.000186	.1251508	.0034551	.027856
%RSD	.4603476	.3450445	.3054881	5.873130	38.55320	2.330053	1.942140

#1	6.545495	31.61672	.1243601	-.003079	.2452705	.1510470	1.463251
#2	6.522743	31.60683	.1249594	-.003034	.2596949	.1444098	1.407687
#3	6.486027	31.42342	.1242539	-.003376	.4688900	.1493937	1.431953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.541563	2.409118	-.015245	.0011929	1.671487	1.748488	.0049416
Stddev	.036308	.004746	.000766	.0001794	.005075	.019254	.0002741
%RSD	.7994646	.1969875	5.025977	15.04039	.3036446	1.101203	5.545837

#1	4.565402	2.414452	-.014437	.0012636	1.672121	1.767765	.0051811
#2	4.559510	2.407538	-.015336	.0009889	1.676215	1.729256	.0046427
#3	4.499776	2.405364	-.015962	.0013261	1.666124	1.748443	.0050011

Sample Name: I2551-16 Acquired: 4/7/2017 16:01:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4879155	.0294802	.0751733
Stddev	.0031233	.0004862	.0001147
%RSD	.6401302	1.649070	.1526399

#1	.4854909	.0291752	.0751891
#2	.4914400	.0300408	.0752793
#3	.4868157	.0292246	.0750514

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.711	2261.771	40513.08	5967.923	3514.519
Stddev	14.978	6.020	505.07	23.445	14.376
%RSD	1.113814	.2661824	1.246683	.3928505	.4090590

#1	1329.104	2256.588	40028.13	5941.005	3506.883
#2	1358.968	2260.349	41036.11	5983.883	3505.571
#3	1346.061	2268.375	40475.00	5978.880	3531.102

Sample Name: I2551-17 Acquired: 4/7/2017 16:05:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615089	-.008487	7.882646	-.004134	.0024387	82.85302	5.574525
Stddev	.0080276	.003589	.042668	.001941	.0006779	.28155	.007617
%RSD	13.05111	42.28491	.5412855	46.95149	27.79697	.3398181	.1366433

#1	.0604791	-.009688	7.928623	-.002710	.0018085	83.17314	5.578686
#2	.0700017	-.004452	7.844324	-.003347	.0023517	82.64384	5.565734
#3	.0540459	-.011322	7.874992	-.006344	.0031559	82.74208	5.579156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076236	.0374473	132.3060	.1108250	.1520260	.2937053	148.5815
Stddev	.0000921	.0003118	.3847	.0015244	.0007540	.0005736	.2253
%RSD	1.208006	.8325435	.2908020	1.375539	.4959606	.1952881	.1516235

#1	.0075848	.0377291	131.9359	.1101459	.1528679	.2941276	148.3449
#2	.0077288	.0375004	132.2782	.1125710	.1514131	.2939360	148.6063
#3	.0075573	.0371124	132.7039	.1097581	.1517969	.2930523	148.7934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.29180	60.54970	.2095984	-.005342	.7605715	.2282487	2.369532
Stddev	.03194	.22242	.0009443	.000239	.0196295	.0015373	.021504
%RSD	.2828850	.3673418	.4505149	4.476070	2.580887	.6735119	.9075275

#1	11.27304	60.56010	.2104897	-.005190	.7465164	.2285206	2.355254
#2	11.27368	60.32226	.2086089	-.005617	.7829990	.2265936	2.359079
#3	11.32868	60.76674	.2096967	-.005218	.7521992	.2296319	2.394265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.227275	3.861535	-.022733	.0013902	2.965585	2.493319	.0073496
Stddev	.025992	.023773	.000618	.0003400	.011399	.011282	.0012915
%RSD	.3159263	.6156240	2.717326	24.45387	.3843689	.4524695	17.57171

#1	8.198300	3.888748	-.023435	.0015382	2.978609	2.492044	.0075995
#2	8.248538	3.844811	-.022496	.0016312	2.960721	2.505184	.0084979
#3	8.234989	3.851047	-.022270	.0010014	2.957426	2.482729	.0059515

Sample Name: I2551-17 Acquired: 4/7/2017 16:05:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6897077	.0551422	.1304923
Stddev	.0018701	.0008086	.0004102
%RSD	.2711422	1.466406	.3143770

#1	.6918387	.0556011	.1309643
#2	.6889443	.0542086	.1302914
#3	.6883400	.0556170	.1302213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.586	2339.060	41605.14	6232.652	3347.963
Stddev	4.378	6.909	205.32	4.219	13.278
%RSD	.3189784	.2953919	.4934982	.0676842	.3965951

#1	1375.496	2332.311	41781.12	6231.404	3332.660
#2	1374.711	2338.750	41379.56	6229.199	3354.801
#3	1367.550	2346.120	41654.74	6237.354	3356.428

Sample Name: I2551-18 Acquired: 4/7/2017 16:09:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667113	-.007729	8.371986	-.006673	.0049700	79.44706	5.810572
Stddev	.0014874	.000431	.132740	.003539	.0024020	.33197	.030119
%RSD	2.229672	5.572179	1.585530	53.04273	48.33019	.4178476	.5183460

#1	.0650670	-.007507	8.271987	-.004839	.0074200	79.77800	5.845178
#2	.0671038	-.007454	8.321387	-.004427	.0048708	79.11408	5.790273
#3	.0679631	-.008225	8.522584	-.010753	.0026191	79.44910	5.796265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078231	.0398019	139.8033	.1136848	.1617739	.3072271	152.9285
Stddev	.0000764	.0007499	.9826	.0024633	.0026493	.0007605	.8916
%RSD	.9760236	1.883960	.7028318	2.166744	1.637653	.2475478	.5830319

#1	.0078682	.0393190	140.9114	.1129944	.1603579	.3065128	153.8389
#2	.0078662	.0394210	139.0384	.1116404	.1601335	.3071419	152.0569
#3	.0077350	.0406657	139.4600	.1164196	.1648303	.3080266	152.8898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89976	63.59379	.2220621	-.005132	.7121360	.2292802	2.499727
Stddev	.07494	.37244	.0048022	.000404	.0761134	.0063224	.044094
%RSD	.6297565	.5856564	2.162557	7.867041	10.68805	2.757477	1.763936

#1	11.98115	64.01447	.2195296	-.004766	.6722610	.2362800	2.498716
#2	11.83360	63.30609	.2190563	-.005065	.7999023	.2239847	2.456148
#3	11.88455	63.46083	.2276005	-.005565	.6642447	.2275760	2.544317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.906263	4.090991	-.027132	.0017446	3.109082	2.738053	.0071104
Stddev	.076861	.069788	.000907	.0001000	.052207	.020184	.0010047
%RSD	.9721545	1.705883	3.343043	5.731666	1.679169	.7371613	14.12948

#1	7.991594	4.030763	-.026485	.0017787	3.069919	2.756976	.0060423
#2	7.884731	4.074739	-.026743	.0016321	3.088975	2.716809	.0080365
#3	7.842464	4.167470	-.028169	.0018231	3.168353	2.740376	.0072524

Sample Name: I2551-18 Acquired: 4/7/2017 16:09:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6374428	.0521768	.1342402
Stddev	.0027958	.0007151	.0002945
%RSD	.4385979	1.370450	.2193812

#1	.6406466	.0519906	.1345684
#2	.6354967	.0515733	.1339989
#3	.6361852	.0529666	.1341534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.419	2360.133	42000.85	6310.570	3337.243
Stddev	13.018	23.015	506.96	52.189	42.854
%RSD	.9417043	.9751425	1.207021	.8270062	1.284113

#1	1379.591	2370.706	42154.54	6250.409	3361.110
#2	1396.619	2375.961	42413.19	6337.619	3362.849
#3	1371.048	2333.731	41434.84	6343.681	3287.770

Sample Name: I2551-19 Acquired: 4/7/2017 16:13:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631819	-.005864	7.702103	-.006623	.0039436	70.66157	5.351300
Stddev	.0011637	.001230	.018709	.002080	.0026439	.42690	.027722
%RSD	1.841817	20.97996	.2429067	31.40073	67.04345	.6041510	.5180505

#1	.0643299	-.004694	7.707784	-.007990	.0029625	70.72134	5.353967
#2	.0632127	-.005752	7.681213	-.004230	.0019305	70.20793	5.322341
#3	.0620031	-.007147	7.717314	-.007649	.0069379	71.05543	5.377593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073885	.0340359	98.58550	.0930838	.1462818	.2833710	142.8920
Stddev	.0000716	.0000709	1.07860	.0010015	.0001165	.0027329	1.2114
%RSD	.9693279	.2083323	1.094076	1.075944	.0796561	.9644163	.8477943

#1	.0073954	.0341150	98.33860	.0941429	.1461512	.2862717	142.4787
#2	.0073136	.0340147	97.65176	.0921520	.1463193	.2808445	141.9413
#3	.0074563	.0339780	99.76614	.0929565	.1463750	.2829968	144.2560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73513	47.75393	.1853939	-.004903	.6649333	.2121570	2.295501
Stddev	.08927	.25155	.0002181	.000234	.0386299	.0046829	.003811
%RSD	.8316012	.5267589	.1176202	4.774578	5.809585	2.207263	.1660245

#1	10.69517	47.55246	.1853573	-.004653	.6376742	.2148220	2.299856
#2	10.67282	47.67345	.1856280	-.004938	.7091402	.2067498	2.292773
#3	10.83740	48.03586	.1851965	-.005117	.6479857	.2148991	2.293874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.232596	3.715146	-.026132	.0013889	2.900341	2.091510	.0075929
Stddev	.034264	.018877	.000965	.0007325	.019860	.017958	.0015593
%RSD	.4737474	.5081039	3.694441	52.73715	.6847493	.8586245	20.53630

#1	7.233639	3.718097	-.027246	.0021927	2.897869	2.082658	.0060593
#2	7.197822	3.694968	-.025549	.0007593	2.881833	2.079696	.0091767
#3	7.266327	3.732374	-.025600	.0012146	2.921321	2.112176	.0075429

Sample Name: I2551-19 Acquired: 4/7/2017 16:13:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5742065	.0461624	.1099675
Stddev	.0033868	.0004546	.0004532
%RSD	.5898319	.9847157	.4121247

#1	.5761621	.0460175	.1100794
#2	.5702957	.0457980	.1094689
#3	.5761618	.0466718	.1103544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.763	2340.509	41388.00	6236.356	3406.310
Stddev	6.623	6.651	92.81	32.608	7.746
%RSD	.4842366	.2841739	.2242403	.5228679	.2273992

#1	1368.324	2339.279	41330.99	6243.426	3406.138
#2	1360.877	2347.689	41337.92	6264.848	3414.141
#3	1374.087	2334.559	41495.09	6200.793	3398.651

Sample Name: I2551-20 Acquired: 4/7/2017 16:17:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589469	-.003927	7.199599	-.005318	.0041926	63.06489	4.609852
Stddev	.0011671	.001493	.055102	.004846	.0005060	.67135	.053992
%RSD	1.979975	38.01850	.7653544	91.12897	12.06959	1.064537	1.171235

#1	.0600068	-.004662	7.143997	-.004071	.0038600	63.61731	4.651215
#2	.0576961	-.002209	7.200613	-.001217	.0039428	63.25966	4.629568
#3	.0591380	-.004911	7.254188	-.010666	.0047750	62.31768	4.548772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069157	.0318194	89.59600	.0944941	.1322787	.2927806	130.3854
Stddev	.0000316	.0001244	.63677	.0005476	.0010080	.0028306	.9462
%RSD	.4575340	.3910689	.7107084	.5794597	.7620605	.9668119	.7256800

#1	.0069006	.0316898	90.03957	.0942346	.1314269	.2952974	131.3207
#2	.0068944	.0318305	89.88205	.0941245	.1320174	.2933282	130.4069
#3	.0069520	.0319380	88.86637	.0951232	.1333916	.2897162	129.4287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.537812	42.17427	.1774930	-.004298	.5934392	.1983079	2.122783
Stddev	.067336	.34915	.0020482	.000237	.0576778	.0024311	.013347
%RSD	.7059945	.8278658	1.153954	5.515262	9.719245	1.225927	.6287376

#1	9.602268	42.52263	.1757549	-.004417	.5986112	.1992833	2.135821
#2	9.543246	42.17584	.1769729	-.004025	.5333496	.2000998	2.109148
#3	9.467924	41.82435	.1797511	-.004453	.6483569	.1955406	2.123379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.442077	3.478224	-.021056	.0016593	2.746958	2.165779	.0068837
Stddev	.056574	.018229	.000838	.0003005	.026498	.009004	.0009965
%RSD	.8781908	.5240971	3.979101	18.11126	.9646171	.4157384	14.47675

#1	6.491880	3.464557	-.021793	.0019196	2.724933	2.162721	.0060418
#2	6.453786	3.471193	-.021230	.0017280	2.739578	2.175914	.0066252
#3	6.380565	3.498921	-.020145	.0013304	2.776364	2.158702	.0079840

Sample Name: I2551-20 Acquired: 4/7/2017 16:17:53 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YR9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5555174	.0403220	.0991382
Stddev	.0068089	.0001143	.0007627
%RSD	1.225680	.2835058	.7693575

#1	.5610610	.0402799	.0998803
#2	.5575739	.0404514	.0991781
#3	.5479173	.0402346	.0983564

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.386	2326.222	41254.19	6245.645	3439.075
Stddev	9.094	8.637	173.12	36.303	15.424
%RSD	.6669963	.3712793	.4196304	.5812597	.4485051

#1	1354.519	2332.671	41061.35	6217.984	3454.443
#2	1372.690	2329.586	41396.19	6232.197	3439.186
#3	1362.948	2316.410	41305.03	6286.753	3423.595

Sample Name: I2551-21 Acquired: 4/7/2017 16:21:56 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604537	-.004579	7.767537	-.003289	.0037281	72.12035	5.708506
Stddev	.0039765	.002201	.029976	.001520	.0010987	.56653	.033446
%RSD	6.577845	48.07755	.3859083	46.20096	29.46940	.7855339	.5858998

#1	.0644261	-.007098	7.774500	-.002565	.0038215	72.43129	5.715466
#2	.0604620	-.003617	7.793418	-.005036	.0047771	72.46332	5.737925
#3	.0564730	-.003022	7.734692	-.002267	.0025857	71.46644	5.672128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072476	.0349440	106.1167	.0946016	.1448070	.2832347	141.5149
Stddev	.0000561	.0001169	.7993	.0012040	.0007343	.0026835	1.2354
%RSD	.7735467	.3344121	.7531917	1.272683	.5070627	.9474631	.8730005

#1	.0071950	.0348905	106.3563	.0943469	.1444014	.2854965	141.6315
#2	.0072413	.0350780	106.7687	.0935453	.1456546	.2839381	142.6879
#3	.0073066	.0348634	105.2250	.0959125	.1443650	.2802695	140.2253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63807	52.15359	.1887900	-.004957	.6422387	.2062497	2.355279
Stddev	.07902	.44406	.0009824	.000342	.0594165	.0019875	.024272
%RSD	.7428001	.8514386	.5203389	6.907659	9.251473	.9636497	1.030523

#1	10.63894	52.05944	.1879549	-.004738	.6578219	.2043092	2.369663
#2	10.71665	52.63717	.1898724	-.004782	.6923107	.2061587	2.368918
#3	10.55862	51.76416	.1885426	-.005352	.5765835	.2082811	2.327256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.603824	3.675401	-.025072	.0014452	3.095745	2.379060	.0086994
Stddev	.077983	.016975	.000726	.0003124	.011575	.012052	.0015616
%RSD	1.025572	.4618615	2.895033	21.61392	.3739119	.5065863	17.95074

#1	7.638759	3.662761	-.024474	.0011455	3.096236	2.376153	.0099720
#2	7.658231	3.694695	-.024861	.0014213	3.107067	2.392300	.0091694
#3	7.514482	3.668747	-.025879	.0017688	3.083932	2.368727	.0069567

Sample Name: I2551-21 Acquired: 4/7/2017 16:21:56 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5822974	.0469974	.1161456
Stddev	.0080374	.0007420	.0008919
%RSD	1.380282	1.578718	.7679059

#1	.5842817	.0463143	.1162802
#2	.5891568	.0477867	.1169626
#3	.5734538	.0468912	.1151941

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.155	2343.744	41687.28	6304.047	3409.678
Stddev	6.185	3.886	89.48	40.405	8.936
%RSD	.4517029	.1657923	.2146389	.6409445	.2620727

#1	1362.017	2347.967	41584.67	6292.164	3408.373
#2	1372.903	2342.945	41749.09	6270.915	3401.466
#3	1372.546	2340.320	41728.07	6349.061	3419.194

Sample Name: I2551-22 Acquired: 4/7/2017 16:25:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237531	-.003540	1.297684	.0006057	.0008432	18.37159	1.012354
Stddev	.0018591	.001950	.003546	.0007963	.0012519	.12174	.007787
%RSD	7.826844	55.10136	.2732876	131.4827	148.4830	.6626571	.7692100

#1	.0223884	-.002164	1.298815	.0012110	.0010572	18.46159	1.018594
#2	.0258705	-.002683	1.293710	-.000296	.0019743	18.23307	1.003627
#3	.0230003	-.005772	1.300526	.000902	-.000502	18.42010	1.014842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024250	.0060737	17.99043	.0506532	.0352176	.0624185	49.68149
Stddev	.0000380	.0000389	.14465	.0010296	.0002738	.0014137	.39334
%RSD	1.566681	.6410593	.8040394	2.032545	.7774071	2.264861	.7917180

#1	.0024559	.0060795	18.08822	.0504441	.0354996	.0627200	50.01181
#2	.0024365	.0061094	17.82427	.0517713	.0349529	.0636571	49.24637
#3	.0023826	.0060322	18.05880	.0497444	.0352004	.0608784	49.78631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.554018	8.361432	.0490327	-.001582	.1313357	.0846159	.5429089
Stddev	.017098	.043002	.0003873	.000079	.0983078	.0039263	.0050233
%RSD	.6694713	.5142873	.7899639	4.979854	74.85235	4.640159	.9252541

#1	2.566366	8.358710	.0486383	-.001669	.0495236	.0879675	.5471362
#2	2.534502	8.319857	.0494125	-.001516	.2403924	.0802960	.5442348
#3	2.561185	8.405731	.0490473	-.001560	.1040910	.0855843	.5373556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.805272	1.104517	-.012191	.0003950	.4495282	1.220922	.0037680
Stddev	.038952	.005408	.001188	.0002174	.0045312	.000645	.0006221
%RSD	2.157699	.4896166	9.743076	55.03950	1.007991	.0528540	16.51063

#1	1.849773	1.100056	-.011925	.0005444	.4547511	1.221500	.0032480
#2	1.777365	1.102963	-.013489	.0004949	.4466469	1.220226	.0044572
#3	1.788678	1.110532	-.011159	.0001456	.4471865	1.221040	.0035988

Sample Name: I2551-22 Acquired: 4/7/2017 16:25:58 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YS1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3394422	.0100193	.0228640
Stddev	.0027547	.0002226	.0001463
%RSD	.8115501	2.221271	.6400253

#1	.3426154	.0101450	.0230306
#2	.3376639	.0097624	.0227562
#3	.3380474	.0101507	.0228052

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.051	2233.937	39673.09	5742.037	3774.184
Stddev	20.057	3.690	511.84	33.925	6.341
%RSD	1.530978	.1651859	1.290150	.5908096	.1680104

#1	1311.014	2229.676	39655.13	5712.980	3766.870
#2	1289.530	2236.107	39170.47	5779.317	3778.127
#3	1329.609	2236.027	40193.68	5733.814	3777.557

Sample Name: PB98101BL Acquired: 4/7/2017 16:30:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	-.000922	.0016078	-.000607	-.000195	-.001588	.0070531	-.000757
Stddev	.000729	.0013452	.000265	.002512	.000257	.0023491	.000067
%RSD	79.11659	83.66932	43.67995	1286.587	16.21430	33.30580	8.877205

#1	-.001763	.0001755	-.000699	.002097	-.001298	.0090791	-.000814
#2	-.000458	.0028445	-.000814	.000198	-.001675	.0076021	-.000774
#3	-.000545	.0018033	-.000308	-.002881	-.001790	.0044781	-.000683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000672	.0000199	.0073132	-.000739	-.000004	.0028941	-.002810
Stddev	.0000038	.0000222	.0157897	.000356	.000049	.0003706	.003962
%RSD	5.672653	111.3331	215.9062	48.24558	1130.146	12.80424	141.0008

#1	.0000630	.0000354	-.006515	-.000356	.000007	.0028360	.001752
#2	.0000704	.0000299	.024518	-.001062	-.000058	.0025560	-.005387
#3	.0000683	-.000005	.003937	-.000799	.000038	.0032902	-.004794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005844	.0098142	-.000039	.0004681	-.191068	-.001481	-.004200
Stddev	.0007676	.0432266	.000208	.0002147	.030272	.002291	.007783
%RSD	131.3598	440.4485	528.8764	45.86922	15.84371	154.6599	185.3195

#1	.0014655	-.004516	.000199	.0007127	-.211614	.000920	.003938
#2	.0002273	.058386	-.000186	.0003110	-.156304	-.001720	-.011571
#3	.0000603	-.024428	-.000131	.0003805	-.205287	-.003644	-.004966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030744	-.002181	-.002598	.0000389	-.004878	.0002845	-.000772
Stddev	.0409627	.002581	.000833	.0003548	.001724	.0003812	.000761
%RSD	1332.378	118.3443	32.05779	912.7676	35.34269	133.9781	98.61509

#1	.0172794	-.003739	-.001827	-.000147	-.004914	.0000783	-.001374
#2	.0350437	.000798	-.002487	.000448	-.003136	.0000508	-.001026
#3	-.043100	-.003602	-.003482	-.000185	-.006583	.0007244	.000084

Sample Name: PB98101BL Acquired: 4/7/2017 16:30:04 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	-.001555	-.001322	-.000031
Stddev	.000838	.000425	.000028
%RSD	53.85788	32.11687	91.45667

#1	-.000834	-.001487	-.000046
#2	-.001357	-.000840	-.000047
#3	-.002474	-.001640	.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.067	2230.320	38621.84	5366.829	4015.942
Stddev	7.064	42.376	194.43	79.839	77.202
%RSD	.5480118	1.900017	.5034155	1.487647	1.922400

#1	1282.444	2181.846	38419.87	5294.087	3927.612
#2	1288.256	2248.772	38637.93	5452.249	4049.690
#3	1296.502	2260.343	38807.73	5354.150	4070.525

Sample Name: PB98101BS Acquired: 4/7/2017 16:34:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0193328	.0439449	.0166419	.0701807	.1141332	.3756604
Stddev	.0045622	.0007988	.0001881	.0015430	.0017455	.0097866
%RSD	23.59806	1.817713	1.130010	2.198563	1.529336	2.605173

#1	.0177867	.0441931	.0165163	.0699364	.1131157	.3796776
#2	.0157445	.0430514	.0168581	.0687745	.1161487	.3645045
#3	.0244671	.0445901	.0165514	.0718312	.1131354	.3827992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3874625	.0092291	.0088191	9.406034	.0186549	.0858288
Stddev	.0015550	.0001468	.0000198	.045620	.0003334	.0006063
%RSD	.4013160	1.590764	.2246225	.4850049	1.787299	.7063551

#1	.3881250	.0090935	.0088263	9.376796	.0189498	.0864910
#2	.3856860	.0092088	.0087967	9.382705	.0182931	.0853011
#3	.3885765	.0093850	.0088344	9.458600	.0187217	.0856944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528911	.1957928	.0275072	8.914483	.0727744	.0180933
Stddev	.0021924	.0033153	.0003785	.035175	.0003796	.0002724
%RSD	4.145220	1.693251	1.376057	.3945863	.5216366	1.505705

#1	.0554202	.1982510	.0272749	8.899771	.0731204	.0183457
#2	.0515293	.1971051	.0279440	8.889051	.0728345	.0178045
#3	.0517238	.1920222	.0273028	8.954625	.0723683	.0181297

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.173615	.0979738	.0996766	9.263665	F .0289813	F .0169877
Stddev	.144084	.0014941	.0059546	.040983	.0013796	.0006339
%RSD	1.570638	1.524946	5.973959	.4424069	4.760235	3.731579

#1	9.016710	.0968088	.0976305	9.243020	.0303826	.0173892
#2	9.204150	.0974544	.1063845	9.237111	.0276245	.0173170
#3	9.299984	.0996582	.0950147	9.310865	.0289367	.0162569

Sample Name: PB98101BS Acquired: 4/7/2017 16:34:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) 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	.0217165	.1474797	.1799104	F .0206126	.1866546	.0926587
Stddev	.0003057	.0015823	.0034681	.0000393	.0003259	.0011194
%RSD	1.407646	1.072886	1.927673	.1904781	.1745850	1.208136

#1	.0215953	.1458919	.1761740	.0205881	.1868882	.0939130
#2	.0220642	.1490564	.1805306	.0205918	.1867933	.0917610
#3	.0214900	.1474909	.1830265	.0206579	.1862823	.0923020

Elem	Sr4077
Units	ppm
Avg	.2043895
Stddev	.0010783
%RSD	.5275451

#1	.2041346
#2	.2034615
#3	.2055724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.696	2154.791	38189.75	5412.244	3818.773
Stddev	12.074	10.206	108.65	27.270	22.165
%RSD	.9584815	.4736449	.2845077	.5038516	.5804335

#1	1245.884	2145.857	38077.41	5432.817	3795.297
#2	1264.956	2152.604	38197.57	5422.602	3821.682
#3	1268.247	2165.914	38294.29	5381.313	3839.341

Sample Name: CCV036 Acquired: 4/7/2017 16:38:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.131544	F 4.465377	22.81718	5.387574	5.401350	404.5478
Stddev	.035171	.007996	.07480	.032039	.027132	1.0745
%RSD	.6853846	.1790693	.3278225	.5946894	.5023194	.2656053

#1	5.169935	4.473403	22.85247	5.424461	5.431382	404.3214
#2	5.100878	4.457411	22.73127	5.366681	5.378607	405.7174
#3	5.123818	4.465317	22.86781	5.371579	5.394061	403.6044

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21303	.4957025	2.407689	412.2630	14.61331	2.389085
Stddev	.02293	.0008150	.008823	.8562	.04347	.009342
%RSD	.2244940	.1644168	.3664334	.2076860	.2974447	.3910251

#1	10.19009	.4966406	2.412713	412.5525	14.59682	2.396934
#2	10.23595	.4951683	2.397502	412.9368	14.58050	2.378752
#3	10.21304	.4952987	2.412853	411.2995	14.66261	2.391567

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59263	400.2531	13.85245	399.2031	2.467845	1.252809
Stddev	.05389	1.0078	.03264	.5560	.006710	.001775
%RSD	.3456271	.2517840	.2356139	.1392785	.2719090	.1416491

#1	15.58427	400.1598	13.85087	399.2427	2.472147	1.252079
#2	15.65022	401.3043	13.88585	399.7383	2.460113	1.254832
#3	15.54341	399.2952	13.82063	398.6284	2.471276	1.251515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.7801	2.422244	14.59420	158.2125	4.865435	4.757677
Stddev	1.3066	.004897	.06930	.3560	.018171	.014183
%RSD	.3284760	.2021881	.4748743	.2249993	.3734729	.2981163

#1	396.6905	2.425833	14.59445	157.9126	4.886127	4.766128
#2	399.2287	2.424234	14.52476	158.6059	4.852078	4.765601
#3	397.4210	2.416665	14.66337	158.1191	4.858101	4.741303

Sample Name: CCV036 Acquired: 4/7/2017 16:38:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.207036	4.951992	4.707829	4.851846	4.802248	5.296946
Stddev	.025801	.022520	.007517	.019170	.017336	.028124
%RSD	.4954977	.4547654	.1596630	.3951172	.3609924	.5309457

#1	5.231708	4.975916	4.716497	4.870038	4.806629	5.264960
#2	5.180238	4.931206	4.703881	4.831828	4.816973	5.308078
#3	5.209161	4.948852	4.703109	4.853671	4.783142	5.317801

Elem	Sr4077
Units	ppm
Avg	5.175955
Stddev	.019520
%RSD	.3771236

#1	5.183612
#2	5.190486
#3	5.153768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1034.147	1794.047	32494.97	4987.620	2728.470
Stddev	4.480	7.822	27.38	15.934	6.232
%RSD	.4332364	.4359766	.0842634	.3194656	.2283891

#1	1028.977	1785.724	32525.06	4973.647	2724.642
#2	1036.556	1801.246	32471.52	4984.242	2735.661
#3	1036.907	1795.171	32488.31	5004.972	2725.108

Sample Name: CCB036 Acquired: 4/7/2017 16:42:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012126	.0009594	.0000175	.0011709	-.001441	.0142892	-.000775
Stddev	.0056062	.0018207	.0011004	.0030541	.001304	.0110419	.000106
%RSD	462.3291	189.7787	6275.988	260.8371	90.52341	77.27431	13.73950

#1	-.000026	.0029595	.0001373	-.001598	-.002904	.0159540	-.000889
#2	.007335	.0005201	.0010532	.000664	-.000399	.0025095	-.000757
#3	-.003671	-.000601	-.001138	.004447	-.001019	.0244043	-.000678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000767	.0000410	.0123275	-.000346	.0002218	.0009377	.0030006
Stddev	.0000349	.0000396	.0079048	.000081	.0000586	.0014684	.0109527
%RSD	45.58383	96.66256	64.12332	23.37526	26.42603	156.5942	365.0124

#1	.0000616	.0000695	.0033949	-.000257	.0001712	-.000670	-.000449
#2	.0000517	-.000004	.0184193	-.000366	.0002082	.002208	.015263
#3	.0001166	.000058	.0151681	-.000415	.0002860	.001276	-.005812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004405	.0075083	.0001463	.0003836	-.041626	.0026294	.0018219
Stddev	.0001239	.0178655	.0003200	.0001938	.049274	.0004405	.0022770
%RSD	28.13407	237.9435	218.7260	50.51881	118.3738	16.75363	124.9809

#1	.0003147	-.000180	.0005029	.0006025	-.091485	.0022858	.0017629
#2	.0005625	-.005226	.0000521	.0003146	.007041	.0024762	.0041277
#3	.0004442	.027931	-.000116	.0002338	-.040433	.0031260	-.000425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262070	-.000040	.0026459	.0005650	-.004423	-.000599	-.000361
Stddev	.0298594	.001882	.0013347	.0001897	.001866	.000511	.000247
%RSD	113.9366	4664.154	50.44244	33.56962	42.18718	85.40083	68.57459

#1	.0360224	.001478	.0040353	.0007014	-.006461	-.000489	-.000105
#2	.0499233	.000548	.0013737	.0006452	-.002798	-.000151	-.000599
#3	-.007325	-.002146	.0025288	.0003484	-.004011	-.001156	-.000378

Sample Name: CCB036 Acquired: 4/7/2017 16:42:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000102	-.000702	.0000290
Stddev	.000841	.000236	.0000208
%RSD	826.1396	33.56591	71.76040

#1	-.000098	-.000833	.0000349
#2	.000737	-.000842	.0000462
#3	-.000945	-.000430	.0000059

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.005	2200.615	38753.97	5443.825	3960.644
Stddev	3.976	3.825	61.77	21.368	15.262
%RSD	.3053448	.1737942	.1593921	.3925209	.3853343

#1	1303.682	2204.997	38684.12	5440.200	3978.183
#2	1304.867	2197.944	38776.37	5424.502	3950.391
#3	1297.466	2198.905	38801.42	5466.774	3953.358

Sample Name: I2553-01 Acquired: 4/7/2017 16:46:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477525	-.008453	.5339086	-.006412	.0034966	97.11437	2.945984
Stddev	.0022303	.002529	.0018370	.002392	.0020444	.03814	.006409
%RSD	4.670643	29.91247	.3440616	37.31273	58.46940	.0392732	.2175441

#1	.0502582	-.008535	.5342787	-.008870	.0020649	97.13340	2.950785
#2	.0459845	-.005884	.5319148	-.006274	.0058380	97.13925	2.948461
#3	.0470148	-.010940	.5355325	-.004091	.0025868	97.07046	2.938707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094836	.0137070	178.6499	.1685209	.0882301	.1896610	150.6721
Stddev	.0000979	.0002430	.3009	.0026288	.0001482	.0003996	.1323
%RSD	1.032308	1.772429	.1684326	1.559924	.1680182	.2106700	.0877841

#1	.0095439	.0138346	178.3393	.1691471	.0883895	.1893662	150.5229
#2	.0093706	.0138596	178.9401	.1656356	.0882044	.1901157	150.7752
#3	.0095362	.0134269	178.6705	.1707801	.0880964	.1895011	150.7181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.744402	109.3461	.2075986	-.006928	.9229943	.2370984	1.655973
Stddev	.008282	.2743	.0003351	.000324	.0802328	.0013049	.016266
%RSD	.4747935	.2508600	.1614412	4.681246	8.692664	.5503803	.9822468

#1	1.736328	109.1204	.2072611	-.007302	.8557440	.2370621	1.660251
#2	1.752878	109.6514	.2079314	-.006737	.9014347	.2384211	1.637995
#3	1.744001	109.2665	.2076032	-.006744	1.011804	.2358120	1.669672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.095516	4.438218	-.031777	.0000659	3.879179	2.765880	.0107743
Stddev	.016390	.007924	.000156	.0002054	.017529	.016141	.0023302
%RSD	.1802008	.1785412	.4905429	311.7018	.4518804	.5835890	21.62776

#1	9.107024	4.432399	-.031779	-.000171	3.871723	2.749792	.0133552
#2	9.102774	4.447243	-.031620	.000195	3.899203	2.765774	.0088248
#3	9.076750	4.435012	-.031932	.000173	3.866610	2.782074	.0101429

Sample Name: I2553-01 Acquired: 4/7/2017 16:46:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5775915	.0724267	.1427499
Stddev	.0012802	.0010955	.0003018
%RSD	.2216372	1.512553	.2113917

#1	.5764541	.0726996	.1429432
#2	.5789778	.0733599	.1429044
#3	.5773426	.0712205	.1424022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.701	2413.416	43197.45	6427.415	3211.125
Stddev	10.543	10.799	284.15	14.948	11.509
%RSD	.7400058	.4474612	.6577979	.2325713	.3583997

#1	1415.804	2403.854	42989.95	6438.665	3204.945
#2	1436.346	2411.265	43521.31	6410.453	3204.026
#3	1421.954	2425.129	43081.09	6433.127	3224.403

Sample Name: I2553-02 Acquired: 4/7/2017 16:50:30 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707243	-.009025	36.62695	-.011346	.0061645	73.02433	6.884386
Stddev	.0021492	.002079	.13082	.001159	.0018067	1.25779	.108162
%RSD	3.038867	23.03471	.3571740	10.21675	29.30826	1.722432	1.571124

#1	.0683555	-.009059	36.62107	-.012625	.0040941	72.98190	6.892036
#2	.0712678	-.006929	36.49916	-.011048	.0069778	74.30281	6.988520
#3	.0725496	-.011086	36.76061	-.010365	.0074217	71.78829	6.772602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083548	.0311675	118.7990	.1020625	.2359362	.8990507	167.7672
Stddev	.0000419	.0002163	1.6442	.0001110	.0015563	.0138468	2.4851
%RSD	.5014520	.6939662	1.384014	.1087471	.6596189	1.540152	1.481264

#1	.0083207	.0309999	118.9072	.1020552	.2376347	.8975694	167.8629
#2	.0084016	.0310909	120.3864	.1019554	.2345786	.9135785	170.2030
#3	.0083422	.0314117	117.1033	.1021770	.2355953	.8860042	165.2357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.83577	59.05616	.2796970	-.004393	.7192877	.2340085	2.316484
Stddev	.20722	.88746	.0010518	.000059	.1466660	.0049576	.023196
%RSD	1.614391	1.502747	.3760408	1.348972	20.39046	2.118571	1.001362

#1	12.85367	59.33971	.2791637	-.004456	.6568524	.2389795	2.339054
#2	13.03346	59.76719	.2790187	-.004339	.8868406	.2339816	2.317688
#3	12.62018	58.06156	.2809086	-.004384	.6141700	.2290644	2.292708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.434161	2.834627	-.032930	.0018617	2.143511	2.615295	.0111744
Stddev	.096588	.014648	.000440	.0001022	.006462	.034901	.0011930
%RSD	1.501172	.5167639	1.335220	5.488544	.3014730	1.334491	10.67606

#1	6.386673	2.827361	-.033012	.0019746	2.145292	2.624532	.0124889
#2	6.545300	2.825032	-.033322	.0018352	2.136345	2.644648	.0101605
#3	6.370510	2.851488	-.032454	.0017755	2.148896	2.576704	.0108738

Sample Name: I2553-02 Acquired: 4/7/2017 16:50:30 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YW3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6193595	.0438934	.0982890
Stddev	.0123204	.0008828	.0017802
%RSD	1.989208	2.011241	1.811182

#1	.6173196	.0431430	.0981550
#2	.6325725	.0448661	.1001323
#3	.6081864	.0436709	.0965795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.989	2363.785	42230.05	6168.464	3403.944
Stddev	12.759	3.036	174.58	55.940	4.788
%RSD	.9198814	.1284399	.4134060	.9068664	.1406718

#1	1372.659	2366.661	42047.35	6164.016	3405.652
#2	1397.117	2360.611	42247.62	6114.880	3407.643
#3	1391.190	2364.083	42395.18	6226.494	3398.535

Sample Name: I2553-03 Acquired: 4/7/2017 16:54:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600031	-.005255	26.35283	-.006679	.0041302	57.99749	5.572895
Stddev	.0016967	.000794	.12220	.002766	.0008381	.34692	.037844
%RSD	2.827768	15.11691	.4637033	41.40778	20.29256	.5981601	.6790730

#1	.0615411	-.004975	26.21785	-.006945	.0044982	57.71719	5.540643
#2	.0602852	-.006152	26.38474	-.003790	.0031710	58.38548	5.614555
#3	.0581830	-.004639	26.45591	-.009302	.0047213	57.88978	5.563485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069968	.0234538	105.5315	.0997494	.1796306	.6895019	138.5554
Stddev	.0000288	.0001310	.7044	.0035284	.0007188	.0043127	.8409
%RSD	.4114261	.5585613	.6675041	3.537234	.4001714	.6254735	.6069370

#1	.0069855	.0233713	105.0311	.1038213	.1789204	.6845363	138.1353
#2	.0070296	.0233853	106.3371	.0978322	.1796134	.6923109	139.5237
#3	.0069754	.0236049	105.2264	.0975947	.1803578	.6916584	138.0073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08498	53.34429	.2201544	-.003947	.6128623	.1964873	1.929181
Stddev	.07736	.37178	.0010094	.000505	.0761777	.0026951	.048836
%RSD	.7670799	.6969416	.4585090	12.80749	12.42983	1.371642	2.531414

#1	10.03175	53.08995	.2196852	-.004519	.6180512	.1959507	1.985571
#2	10.17372	53.77096	.2194649	-.003561	.6863128	.1994103	1.900840
#3	10.04948	53.17196	.2213130	-.003760	.5342227	.1941009	1.901131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.149516	2.324247	-.027408	.0014126	1.716700	2.711240	.0126146
Stddev	.056009	.011142	.001107	.0001863	.005885	.010114	.0012513
%RSD	1.087662	.4793747	4.039515	13.18718	.3428276	.3730516	9.919702

#1	5.101706	2.313505	-.026238	.0012661	1.717261	2.717957	.0114723
#2	5.211140	2.323485	-.027548	.0013493	1.710555	2.716156	.0139520
#3	5.135703	2.335750	-.028439	.0016222	1.722285	2.699607	.0124193

Sample Name: I2553-03 Acquired: 4/7/2017 16:54:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5923434	.0338086	.0839165
Stddev	.0044002	.0008225	.0004682
%RSD	.7428496	2.432827	.5579859

#1	.5872749	.0329436	.0835790
#2	.5945705	.0339015	.0844510
#3	.5951849	.0345807	.0837193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.616	2297.767	40537.30	5998.622	3411.917
Stddev	33.376	4.272	1026.22	33.198	9.199
%RSD	2.489599	.1859014	2.531540	.5534235	.2696282

#1	1302.110	2299.626	39352.89	6011.375	3421.873
#2	1358.471	2300.794	41161.14	5960.939	3410.148
#3	1361.266	2292.881	41097.88	6023.552	3403.730

Sample Name: I2553-04 Acquired: 4/7/2017 16:58:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0697905	-.008952	40.92606	-.010551	.0042778	78.25420	8.457490
Stddev	.0013949	.002049	.24684	.000424	.0019029	.26737	.022855
%RSD	1.998661	22.88923	.6031340	4.018413	44.48420	.3416708	.2702344

#1	.0709487	-.006586	40.64157	-.010062	.0038612	78.20019	8.466726
#2	.0701806	-.010158	41.08339	-.010772	.0063545	78.01795	8.431462
#3	.0682421	-.010111	41.05322	-.010819	.0026176	78.54445	8.474281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088289	.0340811	136.8992	.1000931	.2636812	.9844960	174.2557
Stddev	.0001009	.0000790	.1684	.0019803	.0015583	.0070391	.2633
%RSD	1.142667	.2318698	.1230158	1.978478	.5909659	.7149971	.1510783

#1	.0088330	.0339930	136.8580	.1022887	.2619085	.9859662	174.1406
#2	.0087260	.0341042	136.7552	.0995485	.2648345	.9768379	174.0696
#3	.0089276	.0341459	137.0844	.0984420	.2643007	.9906839	174.5569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58252	67.06821	.3095830	-.005441	.8284752	.2383901	2.410004
Stddev	.02165	.05839	.0019256	.000321	.0493627	.0033215	.061330
%RSD	.1484580	.0870594	.6219833	5.905388	5.958253	1.393312	2.544804

#1	14.58074	67.00396	.3073771	-.005721	.7810643	.2350197	2.466976
#2	14.56182	67.08266	.3109274	-.005090	.8795819	.2384901	2.345090
#3	14.60501	67.11802	.3104446	-.005511	.8247794	.2416605	2.417947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.178617	3.106625	-.035379	.0015911	2.660856	3.304840	.0137594
Stddev	.033217	.017120	.002252	.0001384	.016290	.013014	.0018835
%RSD	.4627145	.5510684	6.365952	8.700137	.6122121	.3937740	13.68851

#1	7.160313	3.087772	-.035434	.0016137	2.642149	3.311030	.0130796
#2	7.158578	3.110905	-.037603	.0017168	2.671915	3.289887	.0123102
#3	7.216959	3.121199	-.033100	.0014428	2.668504	3.313604	.0158884

Sample Name: I2553-04 Acquired: 4/7/2017 16:58:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6390784	.0477997	.1160692
Stddev	.0038211	.0006660	.0004793
%RSD	.5979078	1.393409	.4129090

#1	.6414816	.0472938	.1159053
#2	.6346722	.0475511	.1156934
#3	.6410813	.0485543	.1166089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.489	2333.930	41419.40	6182.672	3290.153
Stddev	14.549	15.517	449.05	16.793	17.209
%RSD	1.066285	.6648533	1.084157	.2716155	.5230480

#1	1347.690	2348.121	40919.08	6194.270	3308.383
#2	1372.713	2317.361	41551.64	6190.332	3274.189
#3	1373.063	2336.308	41787.49	6163.415	3287.886

Sample Name: I2553-05 Acquired: 4/7/2017 17:02:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618453	-.006946	.6777424	-.005386	.0027627	85.31542	3.737928
Stddev	.0024615	.001744	.0053108	.001084	.0017973	.23291	.012001
%RSD	3.980038	25.10324	.7835970	20.13325	65.05527	.2729942	.3210731

#1	.0611074	-.006141	.6789283	-.004748	.0021119	85.56036	3.746109
#2	.0598371	-.005751	.6719389	-.006638	.0047948	85.09678	3.724151
#3	.0645913	-.008947	.6823600	-.004772	.0013815	85.28911	3.743525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091151	.0124322	24.94788	.1121341	.1097927	.1737792	163.8444
Stddev	.0000869	.0002506	.06302	.0006263	.0008751	.0008296	.2230
%RSD	.9530216	2.015523	.2526163	.5585649	.7970857	.4773773	.1361032

#1	.0091717	.0123695	24.96735	.1114589	.1102042	.1741935	164.0906
#2	.0090151	.0122189	24.99886	.1122471	.1087876	.1743201	163.6561
#3	.0091585	.0127081	24.87741	.1126962	.1103862	.1728241	163.7864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51473	14.21994	.1721724	-.007168	.6770452	.2367725	1.629615
Stddev	.02861	.06983	.0023700	.000198	.0522929	.0013800	.018923
%RSD	.2484842	.4910498	1.376506	2.764410	7.723701	.5828207	1.161217

#1	11.54710	14.16219	.1716752	-.006968	.6270831	.2380016	1.640742
#2	11.49281	14.29755	.1700905	-.007173	.7313928	.2352797	1.607766
#3	11.50428	14.20009	.1747516	-.007364	.6726598	.2370363	1.640338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.336475	3.583895	-.035134	.0010728	1.217022	2.204033	.0142212
Stddev	.042534	.033602	.001891	.0002087	.016808	.003431	.0003949
%RSD	.5797644	.9375811	5.382898	19.45406	1.381061	.1556553	2.777204

#1	7.325290	3.585241	-.033399	.0008530	1.207199	2.207979	.0140055
#2	7.300651	3.549640	-.037150	.0012682	1.207437	2.202368	.0139810
#3	7.383484	3.616804	-.034852	.0010971	1.236429	2.201753	.0146770

Sample Name: I2553-05 Acquired: 4/7/2017 17:02:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5724339	.0491824	.0689764
Stddev	.0019875	.0007417	.0001202
%RSD	.3472049	1.508004	.1741852

#1	.5734003	.0488968	.0691096
#2	.5701480	.0500245	.0689435
#3	.5737534	.0486261	.0688761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.108	2483.566	43875.56	6417.295	3560.858
Stddev	2.427	19.423	79.34	14.250	27.843
%RSD	.1661293	.7820681	.1808274	.2220639	.7819297

#1	1462.582	2484.113	43893.78	6400.941	3563.595
#2	1458.307	2502.710	43944.20	6423.899	3587.232
#3	1462.436	2463.876	43788.69	6427.045	3531.747

Sample Name: I2553-06 Acquired: 4/7/2017 17:06:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557610	-.004448	.5460519	-.003008	.0026525	77.09443	4.279405
Stddev	.0018782	.001920	.0015687	.004754	.0006756	.38480	.016103
%RSD	3.368300	43.16129	.2872771	158.0340	25.47190	.4991326	.3763018

#1	.0537009	-.006631	.5445169	-.005946	.0034325	76.88759	4.272551
#2	.0562040	-.003023	.5476522	.002477	.0022761	77.53842	4.297802
#3	.0573781	-.003689	.5459865	-.005556	.0022489	76.85728	4.267863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082041	.0100654	21.34446	.1236336	.0889408	.1528191	147.0517
Stddev	.0001842	.0000398	.10761	.0007819	.0004908	.0011004	.6890
%RSD	2.245340	.3955892	.5041466	.6324252	.5518769	.7200808	.4685760

#1	.0083293	.0100664	21.22024	.1229279	.0884529	.1527099	146.4851
#2	.0079926	.0101047	21.40378	.1234988	.0894345	.1539701	147.8187
#3	.0082903	.0100250	21.40935	.1244742	.0889351	.1517774	146.8512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.387760	12.43613	.1512820	-.006260	.4969742	.2125100	1.416273
Stddev	.058136	.05033	.0014164	.000176	.1190455	.0012162	.004984
%RSD	.6192763	.4047350	.9362469	2.819393	23.95407	.5723059	.3518891

#1	9.331231	12.45185	.1498434	-.006057	.6298644	.2136754	1.419380
#2	9.447380	12.47673	.1526751	-.006352	.4609756	.2112487	1.418915
#3	9.384668	12.37981	.1513276	-.006372	.4000827	.2126059	1.410525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.848072	2.956613	-.029469	.0013937	1.179125	2.792222	.0127788
Stddev	.010244	.019833	.002933	.0000584	.012780	.011241	.0006193
%RSD	.1495931	.6708091	9.953961	4.193217	1.083859	.4025972	4.846418

#1	6.851564	2.936818	-.032705	.0014589	1.170268	2.783146	.0123853
#2	6.836538	2.976484	-.026984	.0013461	1.193776	2.788724	.0134927
#3	6.856114	2.956536	-.028718	.0013762	1.173331	2.804797	.0124585

Sample Name: I2553-06 Acquired: 4/7/2017 17:06:38 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YW7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5668354	.0449525	.0656663
Stddev	.0032726	.0002901	.0001922
%RSD	.5773518	.6453914	.2926194

#1	.5653636	.0447668	.0656622
#2	.5705855	.0448039	.0658605
#3	.5645571	.0452868	.0654762

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1421.001	2435.733	42703.99	6213.374	3619.651
Stddev	6.850	9.024	38.37	22.034	16.296
%RSD	.4820536	.3704751	.0898430	.3546253	.4501981

#1	1415.413	2446.075	42661.21	6233.533	3637.394
#2	1418.947	2431.661	42735.35	6216.737	3605.354
#3	1428.643	2429.463	42715.40	6189.851	3616.206

Sample Name: I2553-07 Acquired: 4/7/2017 17:10:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0620061	-.007107	.6942988	-.006637	.0007684	82.07225	4.291583
Stddev	.0016315	.001040	.0038647	.001030	.0013908	.10638	.008925
%RSD	2.631254	14.62816	.5566373	15.52299	180.9992	.1296142	.2079760

#1	.0601252	-.008285	.6920478	-.005579	.0000632	82.16950	4.292183
#2	.0628530	-.006317	.6987613	-.007637	-.000129	81.95864	4.282373
#3	.0630399	-.006719	.6920872	-.006695	.002371	82.08863	4.300194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092470	.0123720	25.38835	.1143998	.1105472	.1775747	160.6647
Stddev	.0001073	.0001215	.12515	.0005146	.0003017	.0016991	.5369
%RSD	1.160629	.9816864	.4929533	.4498349	.2728995	.9568293	.3341952

#1	.0091528	.0122536	25.52728	.1149932	.1103508	.1785366	161.1445
#2	.0092244	.0124963	25.28443	.1140763	.1103962	.1756129	160.0848
#3	.0093638	.0123660	25.35333	.1141298	.1108945	.1785746	160.7649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.68698	14.26073	.1760414	-.007530	.5713926	.2276495	1.627524
Stddev	.05742	.07497	.0005187	.000314	.1008911	.0013050	.005262
%RSD	.4912857	.5257167	.2946385	4.174875	17.65706	.5732318	.3233092

#1	11.72924	14.33457	.1754569	-.007871	.4596343	.2286630	1.633600
#2	11.62161	14.18467	.1764466	-.007252	.5987838	.2261771	1.624526
#3	11.71010	14.26294	.1762209	-.007465	.6557599	.2281084	1.624446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.393715	3.571553	-.037173	.0015124	1.335562	3.029366	.0134971
Stddev	.024083	.009749	.001344	.0001843	.002330	.032610	.0010766
%RSD	.3257234	.2729544	3.616041	12.18429	.1744575	1.076468	7.976199

#1	7.414477	3.564705	-.036276	.0015480	1.333326	3.040011	.0137502
#2	7.367312	3.582714	-.036524	.0016763	1.335385	2.992764	.0123166
#3	7.399357	3.567239	-.038718	.0013129	1.337976	3.055324	.0144246

Sample Name: I2553-07 Acquired: 4/7/2017 17:10:43 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YW8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5091187	.0485330	.0730607
Stddev	.0018244	.0012144	.0000528
%RSD	.3583421	2.502200	.0722238

#1	.5109335	.0483800	.0731204
#2	.5091377	.0498166	.0730415
#3	.5072849	.0474024	.0730203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.780	2487.863	43905.85	6430.288	3560.311
Stddev	1.604	4.144	158.77	25.600	.829
%RSD	.1091283	.1665767	.3616183	.3981216	.0232722

#1	1468.376	2488.895	43722.74	6409.882	3561.034
#2	1469.436	2491.395	43989.51	6459.013	3559.407
#3	1471.528	2483.301	44005.29	6421.969	3560.492

Sample Name: I2553-08 Acquired: 4/7/2017 17:14:47 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574557	-.005376	.5979874	-.004986	.0015480	72.18695	3.259252
Stddev	.0025290	.001567	.0016084	.002510	.0010271	.12000	.009065
%RSD	4.401581	29.15145	.2689620	50.33934	66.34952	.1662375	.2781192

#1	.0601400	-.004266	.5965847	-.007740	.0026729	72.32040	3.269718
#2	.0551178	-.007169	.5976347	-.004391	.0006603	72.08791	3.254120
#3	.0571093	-.004694	.5997429	-.002827	.0013107	72.15255	3.253917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086498	.0111207	35.01921	.1050259	.0863454	.1754463	149.0829
Stddev	.0001222	.0001095	.07212	.0022593	.0005789	.0006009	.2483
%RSD	1.413206	.9847543	.2059439	2.151174	.6704520	.3424951	.1665269

#1	.0087707	.0110017	34.93822	.1035933	.0863331	.1758884	148.9433
#2	.0085263	.0112172	35.07648	.1076304	.0857727	.1747621	149.3696
#3	.0086523	.0111433	35.04294	.1038541	.0869303	.1756883	148.9359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.241458	16.90897	.1446960	-.006804	.7160612	.2021822	1.610958
Stddev	.021146	.01933	.0002035	.000132	.0696620	.0026894	.044306
%RSD	.2565774	.1143351	.1406464	1.942057	9.728500	1.330197	2.750274

#1	8.218024	16.88957	.1449306	-.006699	.6375023	.2032409	1.570495
#2	8.247237	16.90909	.1445901	-.006952	.7703128	.1991245	1.658302
#3	8.259113	16.92824	.1445673	-.006761	.7403686	.2041812	1.604076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.155329	4.977370	-.026328	.0011386	4.254541	2.067552	.0120096
Stddev	.030608	.028836	.001290	.0002243	.010751	.009128	.0004563
%RSD	.4277611	.5793322	4.900782	19.69665	.2526865	.4414942	3.799186

#1	7.161056	4.962414	-.026109	.0012338	4.242902	2.057210	.0115625
#2	7.182668	4.959085	-.027714	.0012996	4.256623	2.070958	.0124745
#3	7.122262	5.010611	-.025162	.0008825	4.264099	2.074487	.0119917

Sample Name: I2553-08 Acquired: 4/7/2017 17:14:47 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YW9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5304062	.0426015	.0527192
Stddev	.0021872	.0004812	.0001210
%RSD	.4123627	1.129413	.2294975

#1	.5326037	.0431531	.0528548
#2	.5282295	.0423831	.0526804
#3	.5303854	.0422682	.0526223

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.907	2403.503	42817.55	6345.903	3531.850
Stddev	16.705	4.821	646.36	7.985	7.168
%RSD	1.189024	.2005633	1.509563	.1258352	.2029591

#1	1413.644	2403.626	43240.25	6354.946	3532.558
#2	1385.645	2408.260	42073.50	6339.823	3538.637
#3	1415.430	2398.621	43138.91	6342.939	3524.354

Sample Name: I2553-09 Acquired: 4/7/2017 17:18:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491209	-.003018	.4506468	-.001817	.0018086	52.39354	2.639796
Stddev	.0047396	.002300	.0034541	.002060	.0005181	.09502	.005506
%RSD	9.648899	76.18841	.7664707	113.4007	28.64468	.1813498	.2085926

#1	.0452822	-.005170	.4499675	-.000580	.0023204	52.38790	2.640791
#2	.0476619	-.003290	.4475828	-.004195	.0012845	52.49125	2.644737
#3	.0544185	-.000595	.4543900	-.000675	.0018211	52.30147	2.633860

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067402	.0093110	28.20653	.0961239	.0731188	.1408847	123.1153
Stddev	.0000505	.0000664	.11106	.0000640	.0003059	.0015917	.3725
%RSD	.7484709	.7125510	.3937290	.0666118	.4183204	1.129807	.3025288

#1	.0067048	.0093548	28.25957	.0960553	.0730068	.1410173	123.2798
#2	.0067980	.0092347	28.28113	.0961343	.0728847	.1424060	123.3771
#3	.0067179	.0093437	28.07890	.0961821	.0734649	.1392308	122.6889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.510784	14.15355	.1286402	-.005571	.5052766	.1804666	1.238817
Stddev	.008494	.04005	.0009805	.000135	.0961212	.0027659	.024867
%RSD	.1883006	.2829935	.7622335	2.423026	19.02349	1.532643	2.007356

#1	4.513253	14.16680	.1291985	-.005416	.5798685	.1784986	1.249435
#2	4.517769	14.18529	.1275080	-.005644	.5391587	.1792723	1.210403
#3	4.501329	14.10854	.1292141	-.005654	.3968025	.1836290	1.256613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.215231	3.951918	-.023638	.0014905	3.807887	2.336649	.0129361
Stddev	.022477	.015709	.001513	.0001980	.015235	.004429	.0011428
%RSD	.4309800	.3974970	6.400292	13.28346	.4000788	.1895336	8.834085

#1	5.211043	3.940365	-.025120	.0016621	3.796365	2.339225	.0121831
#2	5.239507	3.945585	-.023698	.0015356	3.802136	2.339186	.0123742
#3	5.195142	3.969805	-.022096	.0012739	3.825160	2.331535	.0142511

Sample Name: I2553-09 Acquired: 4/7/2017 17:18:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5341249	.0289578	.0402704
Stddev	.0011653	.0006353	.0001651
%RSD	.2181700	2.193906	.4100828

#1	.5354696	.0285083	.0403888
#2	.5334106	.0286805	.0403407
#3	.5334945	.0296846	.0400818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.927	2343.361	41836.40	6103.723	3627.707
Stddev	8.399	8.810	25.62	7.844	16.383
%RSD	.6104492	.3759695	.0612455	.1285041	.4516071

#1	1373.832	2345.607	41865.19	6106.584	3628.463
#2	1385.176	2350.831	41816.10	6094.851	3643.698
#3	1368.774	2333.645	41827.92	6109.735	3610.959

Sample Name: I2553-10 Acquired: 4/7/2017 17:22:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519379	-.004726	.5342205	-.003385	.0019732	64.82356	3.468965
Stddev	.0031643	.002084	.0011189	.003522	.0013042	.62506	.040223
%RSD	6.092483	44.09741	.2094536	104.0215	66.09263	.9642547	1.159508

#1	.0497210	-.006816	.5335633	-.006909	.0021293	64.21441	3.430470
#2	.0505311	-.004717	.5355125	-.003381	.0005981	64.79285	3.465708
#3	.0555617	-.002647	.5335857	.000134	.0031923	65.46341	3.510718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077066	.0088774	26.73097	.0963657	.0670578	.1518795	138.8409
Stddev	.0001099	.0001081	.28040	.0013440	.0000502	.0013935	1.9436
%RSD	1.426567	1.217924	1.048985	1.394733	.0748773	.9174840	1.399886

#1	.0075796	.0089061	26.41828	.0973420	.0671056	.1511152	136.6970
#2	.0077685	.0089683	26.81457	.0969222	.0670623	.1510355	139.3378
#3	.0077715	.0087579	26.96008	.0948327	.0670055	.1534879	140.4878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191671	14.75154	.1224129	-.006014	.5593539	.1794899	1.304884
Stddev	.077295	.20407	.0003197	.000249	.1329634	.0016175	.008170
%RSD	1.488821	1.383400	.2611735	4.132351	23.77090	.9011468	.6260824

#1	5.111562	14.53558	.1224414	-.006282	.5042589	.1777389	1.307335
#2	5.197646	14.77785	.1227174	-.005791	.7110090	.1798025	1.295770
#3	5.265805	14.94118	.1220799	-.005968	.4627939	.1809282	1.311548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.647044	5.404164	-.030539	.0010203	4.934471	2.486385	.0122323
Stddev	.050438	.005576	.001642	.0001594	.022106	.035846	.0009510
%RSD	.7588106	.1031769	5.375543	15.61980	.4479936	1.441691	7.774819

#1	6.601184	5.398158	-.031594	.0009210	4.909116	2.449110	.0125815
#2	6.638884	5.409175	-.028647	.0009359	4.944589	2.489438	.0111560
#3	6.701065	5.405160	-.031375	.0012042	4.949707	2.520607	.0129594

Sample Name: I2553-10 Acquired: 4/7/2017 17:22:53 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YX1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4765249	.0385733	.0478973
Stddev	.0052356	.0004871	.0003936
%RSD	1.098709	1.262837	.8217250

#1	.4711906	.0390673	.0475820
#2	.4767282	.0380933	.0477713
#3	.4816559	.0385592	.0483384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.932	2386.001	42738.39	6212.670	3588.749
Stddev	12.052	8.445	258.97	66.004	12.195
%RSD	.8517891	.3539475	.6059474	1.062403	.3398095

#1	1402.062	2378.010	42446.53	6286.310	3582.859
#2	1416.780	2385.158	42827.95	6192.860	3580.617
#3	1425.953	2394.837	42940.70	6158.840	3602.770

Sample Name: I2553-11 Acquired: 4/7/2017 17:26:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546488	-.004098	.5857434	-.004595	.0026024	71.75101	3.787437
Stddev	.0027066	.002206	.0047952	.001704	.0005993	.08807	.005758
%RSD	4.952760	53.83407	.8186554	37.08762	23.02955	.1227441	.1520365

#1	.0577671	-.006146	.5813124	-.003404	.0019533	71.85196	3.789498
#2	.0532714	-.004386	.5908344	-.006547	.0031347	71.71124	3.791882
#3	.0529079	-.001762	.5850833	-.003834	.0027192	71.68985	3.780932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083603	.0099329	29.29033	.1072949	.0741695	.1674011	152.1496
Stddev	.0000506	.0000927	.01946	.0010804	.0005548	.0034472	.2286
%RSD	.6052630	.9333212	.0664529	1.006948	.7480865	2.059277	.1502160

#1	.0083049	.0100348	29.29163	.1071106	.0735628	.1713706	152.0739
#2	.0083722	.0099104	29.30911	.1084556	.0746511	.1651596	152.4064
#3	.0084040	.0098535	29.27025	.1063184	.0742945	.1656731	151.9684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.701141	16.19716	.1362013	-.006907	.5251682	.1955059	1.432582
Stddev	.020150	.05853	.0006743	.000241	.0681572	.0004182	.003586
%RSD	.3534396	.3613764	.4950460	3.491775	12.97815	.2139053	.2503246

#1	5.678711	16.24978	.1355030	-.006982	.4898913	.1956879	1.429777
#2	5.717712	16.13412	.1362523	-.007102	.4818801	.1950275	1.436623
#3	5.707001	16.20759	.1368486	-.006637	.6037333	.1958023	1.431347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.277702	5.964648	-.031862	.0009606	5.360552	2.550550	.0133831
Stddev	.040471	.029618	.000875	.0004565	.013868	.013693	.0008758
%RSD	.5561025	.4965613	2.745628	47.51973	.2586973	.5368466	6.544336

#1	7.273927	5.936882	-.031403	.0013027	5.348068	2.553024	.0140623
#2	7.239251	5.995823	-.032871	.0004423	5.375479	2.562837	.0136925
#3	7.319929	5.961239	-.031312	.0011369	5.358107	2.535789	.0123946

Sample Name: I2553-11 Acquired: 4/7/2017 17:26:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5123915	.0421527	.0524055
Stddev	.0009874	.0004640	.0000473
%RSD	.1927130	1.100675	.0902415

#1	.5113800	.0425550	.0523944
#2	.5133530	.0416451	.0523647
#3	.5124413	.0422580	.0524573

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.834	2404.860	43020.95	6299.877	3565.552
Stddev	9.019	11.688	127.65	13.597	2.709
%RSD	.6365864	.4860205	.2967165	.2158353	.0759905

#1	1422.957	2397.740	43167.99	6288.566	3567.540
#2	1406.477	2418.350	42956.31	6296.104	3566.650
#3	1421.068	2398.491	42938.54	6314.963	3562.465

Sample Name: I2553-12 Acquired: 4/7/2017 17:31:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205885	-.001712	.1205872	.0022541	-.000354	9.874072	.3055749
Stddev	.0020159	.001309	.0008362	.0022149	.000479	.043702	.0022416
%RSD	9.791575	76.46993	.6934303	98.26160	135.1038	.4425982	.7335528

#1	.0228156	-.000306	.1215498	.0043520	.000046	9.916105	.3071873
#2	.0188885	-.001934	.1201704	-.000062	-.000885	9.877237	.3065221
#3	.0200612	-.002896	.1200413	.002472	-.000224	9.828872	.3030152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018876	.0018056	4.224183	.0737944	.0174590	.0285745	39.18755
Stddev	.0000457	.0000807	.011697	.0008882	.0004813	.0014707	.23870
%RSD	2.420793	4.470471	.2769134	1.203599	2.757004	5.146714	.6091268

#1	.0018863	.0018418	4.231750	.0738812	.0174548	.0302721	39.44893
#2	.0018425	.0017131	4.230090	.0746361	.0169797	.0277635	39.13259
#3	.0019339	.0018619	4.210710	.0728661	.0179424	.0276879	38.98111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1852714	2.306489	.0260234	-.001305	-.016115	.0956197	.3877294
Stddev	.0023639	.014059	.0004972	.000076	.064910	.0017444	.0041784
%RSD	1.275913	.6095507	1.910417	5.790089	402.7961	1.824280	1.077658

#1	.1871767	2.309807	.0256931	-.001237	.053808	.0962701	.3915204
#2	.1860115	2.291068	.0257818	-.001292	-.027702	.0936436	.3832493
#3	.1826260	2.318592	.0265952	-.001386	-.074450	.0969455	.3884185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7184209	.7883792	-.012059	.0007625	.5591311	1.147467	.0065077
Stddev	.0272326	.0031053	.001112	.0002705	.0037730	.006441	.0000853
%RSD	3.790621	.3938852	9.217873	35.48172	.6747969	.5613292	1.311278

#1	.7310615	.7864520	-.012712	.0008171	.5555426	1.154171	.0064146
#2	.7370361	.7919615	-.012689	.0010017	.5587860	1.146904	.0065264
#3	.6871652	.7867242	-.010775	.0004688	.5630648	1.141326	.0065822

Sample Name: I2553-12 Acquired: 4/7/2017 17:31:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3391345	.0034934	.0080259
Stddev	.0016444	.0004841	.0000845
%RSD	.4848697	13.85787	1.052923

#1	.3402089	.0040520	.0081173
#2	.3372415	.0032329	.0080099
#3	.3399531	.0031954	.0079506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.065	2203.814	39287.06	5615.849	3870.430
Stddev	7.046	10.149	203.32	37.994	10.343
%RSD	.5420095	.4605012	.5175259	.6765408	.2672407

#1	1292.152	2193.905	39191.55	5577.733	3861.772
#2	1302.382	2214.186	39149.08	5616.093	3881.884
#3	1305.662	2203.350	39520.55	5653.719	3867.633

Sample Name: I2553-13 Acquired: 4/7/2017 17:35:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197630	-.000465	.1222131	.0004329	.0006399	10.13519	.3136174
Stddev	.0041531	.001284	.0019723	.0007903	.0005089	.05499	.0013336
%RSD	21.01468	276.1907	1.613780	182.5532	79.51892	.5426069	.4252390

#1	.0244586	.000625	.1201638	.0012786	.0001502	10.08853	.3130697
#2	.0182592	-.000139	.1223773	.0003071	.0011660	10.12121	.3126447
#3	.0165712	-.001880	.1240980	-.000287	.0006035	10.19582	.3151376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019730	.0017115	4.224692	.0750543	.0173493	.0291945	40.24615
Stddev	.0000503	.0000583	.032758	.0003179	.0002739	.0020631	.20042
%RSD	2.549341	3.407397	.7753960	.4235956	1.578658	7.066744	.4979949

#1	.0019793	.0016725	4.192842	.0748660	.0171331	.0276338	40.14801
#2	.0019199	.0016835	4.222943	.0754214	.0176573	.0284162	40.11371
#3	.0020199	.0017786	4.258288	.0748756	.0172576	.0315336	40.47673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1885459	2.377328	.0261977	-.001232	.0546157	.1004207	.3887523
Stddev	.0009087	.018143	.0001541	.000224	.0401194	.0034758	.0029158
%RSD	.4819702	.7631829	.5881708	18.14493	73.45762	3.461200	.7500434

#1	.1883048	2.376486	.0261724	-.001012	.0257762	.1003657	.3872847
#2	.1877820	2.395878	.0263629	-.001459	.0376384	.0969727	.3921103
#3	.1895509	2.359620	.0260578	-.001225	.1004326	.1039236	.3868618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7701711	.8008646	-.012236	.0007664	.5646699	1.158142	.0064183
Stddev	.0062933	.0073815	.001161	.0001412	.0038195	.009755	.0009764
%RSD	.8171231	.9216888	9.489060	18.42514	.6764146	.8423209	15.21343

#1	.7756180	.7923529	-.013457	.0008088	.5606620	1.160080	.0071774
#2	.7716135	.8055068	-.011146	.0008815	.5682679	1.147564	.0067608
#3	.7632819	.8047340	-.012104	.0006088	.5650797	1.166783	.0053168

Sample Name: I2553-13 Acquired: 4/7/2017 17:35:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3467636	.0036613	.0081766
Stddev	.0009216	.0002914	.0000627
%RSD	.2657729	7.959512	.7668769

#1	.3457134	.0039547	.0081069
#2	.3474373	.0036573	.0082285
#3	.3471402	.0033719	.0081943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.658	2233.730	39310.75	5572.533	3906.770
Stddev	6.267	24.592	109.24	26.378	39.319
%RSD	.4814703	1.100944	.2779000	.4733640	1.006434

#1	1295.986	2262.014	39378.86	5572.486	3951.494
#2	1308.386	2217.403	39368.64	5598.935	3877.641
#3	1300.602	2221.773	39184.74	5546.178	3891.174

Sample Name: I2553-14 Acquired: 4/7/2017 17:39:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918750	.0971430	.1573042	.0983094	.2009562	14.05935	4.484662
Stddev	.0039034	.0007695	.0013326	.0032904	.0013033	.05987	.009637
%RSD	4.248604	.7921518	.8471284	3.346993	.6485631	.4258401	.2148839

#1	.0961834	.0966068	.1558056	.0964839	.2014335	13.99291	4.480263
#2	.0908676	.0967975	.1577513	.0963363	.1994815	14.07605	4.478010
#3	.0885741	.0980247	.1583557	.1021079	.2019536	14.10910	4.495714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946959	.0903465	4.316962	.4599850	.9432364	.5445608	43.06760
Stddev	.0004267	.0003955	.012474	.0047243	.0044027	.0018672	.18699
%RSD	.4506048	.4377523	.2889509	1.027044	.4667692	.3428798	.4341760

#1	.0942362	.0907535	4.315780	.4566561	.9482891	.5427555	42.88743
#2	.0950794	.0899636	4.329985	.4579066	.9402232	.5444427	43.05465
#3	.0947719	.0903225	4.305121	.4653921	.9411969	.5464843	43.26073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.144682	2.411732	.9993542	.0595783	.1359508	1.122395	1.266421
Stddev	.005274	.023490	.0047204	.0008299	.1971665	.012199	.034524
%RSD	.4607092	.9739926	.4723476	1.393048	145.0278	1.086885	2.726100

#1	1.139071	2.385524	1.004580	.0589580	.3360736	1.124952	1.281644
#2	1.145437	2.418786	.995399	.0592558	.1298990	1.109120	1.226902
#3	1.149537	2.430888	.998084	.0605211	-.058120	1.133113	1.290717

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7949165	.8185775	-.013522	.0002827	.5589533	1.690338	.0080410
Stddev	.0074495	.0035902	.000858	.0001456	.0045510	.025071	.0009265
%RSD	.9371476	.4385908	6.342723	51.50758	.8141947	1.483215	11.52241

#1	.7863364	.8217275	-.013267	.0003983	.5636863	1.662016	.0083779
#2	.7997381	.8146685	-.012820	.0003307	.5585643	1.709692	.0069931
#3	.7986749	.8193364	-.014478	.0001192	.5546094	1.699306	.0087519

Sample Name: I2553-14 Acquired: 4/7/2017 17:39:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3584714	.0033351	.0085218
Stddev	.0018620	.0004337	.0000335
%RSD	.5194244	13.00469	.3925788

#1	.3572802	.0033769	.0085513
#2	.3606171	.0028821	.0084855
#3	.3575169	.0037465	.0085288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.809	2215.596	39115.45	5596.815	3867.671
Stddev	15.200	7.856	430.40	30.907	13.165
%RSD	1.173927	.3545893	1.100333	.5522238	.3403985

#1	1301.384	2206.532	39397.39	5632.259	3853.161
#2	1305.614	2219.789	39328.92	5575.482	3878.853
#3	1277.428	2220.465	38620.04	5582.705	3870.998

Sample Name: I2553-12LX5 Acquired: 4/7/2017 17:43:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044167	.0005985	.0259883	.0018751	-.000593	2.254675	.0679254
Stddev	.0006868	.0019130	.0015027	.0010669	.000553	.062150	.0024736
%RSD	15.54958	319.6250	5.782135	56.89925	93.28769	2.756482	3.641661

#1	.0040193	.0015172	.0242762	.0006433	.000010	2.326242	.0707489
#2	.0040212	.0018789	.0270883	.0025089	-.000712	2.214289	.0668877
#3	.0052098	-.001601	.0266004	.0024730	-.001077	2.223492	.0661397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005468	.0004488	.9523249	.0155200	.0038466	.0081376	8.893486
Stddev	.0000454	.0000407	.0392352	.0002738	.0000981	.0012917	.317029
%RSD	8.297021	9.077083	4.119944	1.764413	2.549298	15.87321	3.564735

#1	.0005733	.0004887	.9962783	.0157415	.0039538	.0092086	9.257143
#2	.0004945	.0004506	.9208361	.0156047	.0038245	.0067031	8.748023
#3	.0005727	.0004072	.9398603	.0152138	.0037615	.0085012	8.675292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423630	.5540239	.0055461	-.000022	-.133948	.0242410	.0802849
Stddev	.0023818	.0391385	.0003066	.000104	.037412	.0006539	.0036141
%RSD	5.622432	7.064402	5.528947	476.0463	27.93044	2.697672	4.501534

#1	.0450394	.5570440	.0052283	.000097	-.125394	.0249903	.0803480
#2	.0404766	.5915648	.0055698	-.000096	-.101553	.0239471	.0766397
#3	.0415729	.5134629	.0058402	-.000067	-.174896	.0237856	.0838670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1933994	.1685631	-.005305	.0001310	.1155325	.3897106	.0008497
Stddev	.0287205	.0009698	.000326	.0002179	.0026758	.0161233	.0002650
%RSD	14.85035	.5753611	6.145326	166.2649	2.316027	4.137248	31.18445

#1	.2155583	.1681921	-.005670	.0003153	.1180394	.4079169	.0009143
#2	.2036882	.1696637	-.005042	-.000109	.1158432	.3772373	.0005584
#3	.1609516	.1678336	-.005205	.000187	.1127150	.3839777	.0010764

Sample Name: I2553-12LX5 Acquired: 4/7/2017 17:43:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0771804	-.000186	.0017920
Stddev	.0027926	.000381	.0000335
%RSD	3.618339	205.0345	1.868196

#1	.0803765	-.000626	.0018288
#2	.0759535	.000051	.0017840
#3	.0752113	.000017	.0017633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.355	2224.943	39449.78	5382.891	3976.593
Stddev	1.359	6.877	66.67	145.992	6.133
%RSD	.1025742	.3090707	.1690113	2.712157	.1542196

#1	1325.462	2223.801	39375.19	5214.502	3982.053
#2	1326.658	2232.320	39503.59	5460.180	3977.770
#3	1323.945	2218.709	39470.58	5473.992	3969.958

Sample Name: I2553-15 Acquired: 4/7/2017 17:47:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253343	-.002308	.2229353	.0017010	-.001403	19.55572	.7475613
Stddev	.0028172	.002693	.0017851	.0017108	.001004	.05249	.0019724
%RSD	11.12004	116.7103	.8007028	100.5762	71.56547	.2684246	.2638421

#1	.0285601	.000705	.2239398	.0025643	-.000294	19.61412	.7483940
#2	.0233578	-.004481	.2208743	.0028081	-.002250	19.54060	.7489807
#3	.0240851	-.003148	.2239918	-.000269	-.001664	19.51245	.7453091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028513	.0033077	13.31743	.0848606	.0246856	.0510631	47.35854
Stddev	.0000166	.0000590	.02035	.0002707	.0002821	.0005972	.04004
%RSD	.5837436	1.783233	.1528173	.3189705	1.142653	1.169523	.0845473

#1	.0028333	.0032763	13.29805	.0849061	.0244491	.0504779	47.34082
#2	.0028544	.0032710	13.33863	.0851056	.0246099	.0516716	47.40438
#3	.0028661	.0033757	13.31562	.0845700	.0249978	.0510397	47.33041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2608785	7.297901	.0459788	-.001658	.1232281	.1102071	.5661668
Stddev	.0024685	.012117	.0003716	.000115	.0779317	.0044240	.0124723
%RSD	.9462216	.1660376	.8081236	6.959344	63.24179	4.014238	2.202943

#1	.2580814	7.285978	.0458811	-.001596	.2089053	.1152828	.5780728
#2	.2618022	7.310204	.0456658	-.001587	.1042204	.1071699	.5531964
#3	.2627520	7.297521	.0463894	-.001791	.0565587	.1081685	.5672312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.724872	1.112175	-.011412	.0011449	1.604157	1.401113	.0076097
Stddev	.030218	.007242	.000366	.0000569	.017540	.005671	.0003967
%RSD	1.751876	.6511527	3.203169	4.971986	1.093400	.4047357	5.212823

#1	1.739198	1.110643	-.011495	.0011659	1.609496	1.404446	.0072676
#2	1.745262	1.105821	-.011728	.0010804	1.584569	1.404327	.0075169
#3	1.690156	1.120060	-.011011	.0011883	1.618408	1.394565	.0080445

Sample Name: I2553-15 Acquired: 4/7/2017 17:47:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4133803	.0097318	.0163672
Stddev	.0027984	.0002043	.0000883
%RSD	.6769577	2.099606	.5396539

#1	.4139617	.0099514	.0164655
#2	.4158423	.0095473	.0163415
#3	.4103368	.0096967	.0162945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.501	2230.795	39744.10	5737.971	3797.234
Stddev	4.397	6.633	91.81	15.337	18.724
%RSD	.3334722	.2973493	.2309972	.2672920	.4930829

#1	1314.113	2223.739	39638.63	5721.075	3784.972
#2	1322.906	2236.904	39787.54	5741.824	3818.786
#3	1318.484	2231.741	39806.12	5751.014	3787.945

Sample Name: I2553-16 Acquired: 4/7/2017 17:51:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497958	-.003809	.5500084	-.001588	.0012899	52.21562	2.644350
Stddev	.0005625	.000475	.0036407	.001811	.0018443	.06126	.007115
%RSD	1.129620	12.47794	.6619282	114.0580	142.9748	.1173203	.2690613

#1	.0499162	-.003306	.5462480	.000241	.0019206	52.23435	2.651247
#2	.0502884	-.004251	.5535162	-.003381	.0027362	52.14718	2.637036
#3	.0491829	-.003870	.5502609	-.001623	-.000787	52.26532	2.644767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061280	.0070244	22.24439	.1386260	.0522060	.1248655	88.73507
Stddev	.0001097	.0000362	.13992	.0000636	.0003575	.0005732	.33161
%RSD	1.789680	.5156121	.6290243	.0458447	.6847988	.4590506	.3737094

#1	.0060472	.0070252	22.13169	.1386267	.0517936	.1255266	88.71170
#2	.0060840	.0070603	22.20048	.1385622	.0523959	.1245078	88.41576
#3	.0062529	.0069879	22.40100	.1386893	.0524284	.1245621	89.07774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5399948	13.25452	.1260888	-.003780	.3825442	.1944431	1.129023
Stddev	.0033499	.07504	.0001719	.000370	.0566292	.0029514	.004020
%RSD	.6203518	.5661576	.1363159	9.787289	14.80330	1.517892	.3560957

#1	.5399286	13.24417	.1259177	-.003367	.4478313	.1977957	1.127674
#2	.5366785	13.18520	.1262614	-.003890	.3530723	.1932974	1.133544
#3	.5433772	13.33420	.1260873	-.004082	.3467289	.1922364	1.125850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.111567	2.356040	-.014676	.0032527	5.772425	2.440435	.0126578
Stddev	.027615	.017595	.000750	.0002870	.030855	.018857	.0014531
%RSD	.5402376	.7468209	5.110061	8.824429	.5345194	.7726935	11.47950

#1	5.094166	2.336219	-.014222	.0029727	5.737502	2.436314	.0118967
#2	5.143408	2.369817	-.015542	.0032390	5.795994	2.423980	.0117434
#3	5.097127	2.362084	-.014264	.0035463	5.783779	2.461012	.0143333

Sample Name: I2553-16 Acquired: 4/7/2017 17:51:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5362702	.0300201	.0416709
Stddev	.0007127	.0008622	.0002079
%RSD	.1328980	2.871918	.4988399

#1	.5370199	.0308592	.0419011
#2	.5361893	.0300645	.0414971
#3	.5356014	.0291366	.0416144

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.606	2326.074	41595.55	6060.812	3620.378
Stddev	6.456	10.673	45.16	22.013	17.577
%RSD	.4676027	.4588274	.1085706	.3632075	.4854982

#1	1384.163	2332.076	41596.58	6072.535	3636.035
#2	1373.155	2313.751	41549.87	6074.483	3601.365
#3	1384.502	2332.394	41640.18	6035.418	3623.735

Sample Name: I2553-17 Acquired: 4/7/2017 17:55:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484784	-.007202	.3671994	-.003010	.0021556	82.06047	1.640278
Stddev	.0055063	.001721	.0065347	.001817	.0010752	.13853	.004707
%RSD	11.35832	23.89847	1.779614	60.36382	49.87794	.1688197	.2869442

#1	.0444411	-.006001	.3670835	-.003146	.0018756	82.00638	1.635606
#2	.0547509	-.009174	.3737914	-.001128	.0012482	81.95713	1.640209
#3	.0462433	-.006431	.3607234	-.004754	.0033432	82.21788	1.645018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078427	.0097266	236.8618	.1009777	.0849242	.1535936	118.6917
Stddev	.0000145	.0002154	1.4864	.0007666	.0012530	.0008635	.6398
%RSD	.1849109	2.214359	.6275406	.7591582	1.475436	.5622138	.5390276

#1	.0078532	.0098336	235.2095	.1014005	.0846417	.1538541	117.9849
#2	.0078487	.0098676	237.2858	.1000928	.0862944	.1542969	118.8588
#3	.0078262	.0094787	238.0902	.1014397	.0838366	.1526298	119.2313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653242	139.4328	.1880506	-.005150	.6976893	.2117368	1.281879
Stddev	.009043	.6801	.0019309	.000216	.1561840	.0002171	.021201
%RSD	.5469819	.4877845	1.026790	4.187979	22.38589	.1025534	1.653889

#1	1.643563	138.7684	.1890015	-.005355	.8666889	.2119792	1.293501
#2	1.654688	139.4023	.1893216	-.004925	.5586663	.2116714	1.257408
#3	1.661475	140.1276	.1858286	-.005170	.6677127	.2115600	1.294727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.629551	3.295945	-.025358	-.000157	3.604721	2.275025	.0080626
Stddev	.057241	.034978	.001068	.000235	.032361	.010215	.0013833
%RSD	.7502551	1.061228	4.211939	150.0891	.8977386	.4490251	17.15657

#1	7.670980	3.314226	-.024443	.000114	3.619182	2.263246	.0092802
#2	7.564235	3.317993	-.026531	-.000269	3.627331	2.280372	.0065585
#3	7.653437	3.255615	-.025099	-.000316	3.567651	2.281458	.0083491

Sample Name: I2553-17 Acquired: 4/7/2017 17:55:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5237056	.0617656	.1394370
Stddev	.0017797	.0006402	.0001846
%RSD	.3398266	1.036542	.1323664

#1	.5251423	.0610428	.1395983
#2	.5217148	.0622611	.1392357
#3	.5242599	.0619931	.1394769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.762	2295.028	40886.19	6086.999	3200.939
Stddev	9.392	24.752	76.05	14.841	35.038
%RSD	.6979061	1.078487	.1860013	.2438179	1.094602

#1	1336.631	2275.749	40829.26	6103.477	3181.882
#2	1355.395	2286.395	40856.75	6082.839	3179.560
#3	1345.260	2322.940	40972.56	6074.682	3241.375

Sample Name: I2553-18 Acquired: 4/7/2017 17:59:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439419	-.008262	.3231205	-.005153	.0012671	70.08559	1.395192
Stddev	.0025557	.000456	.0013771	.004590	.0013833	.74508	.014793
%RSD	5.816129	5.524676	.4261797	89.07502	109.1720	1.063094	1.060263

#1	.0438846	-.007905	.3217569	-.005709	-.000073	70.68811	1.406793
#2	.0414154	-.008776	.3245107	-.000310	.001185	70.31617	1.400249
#3	.0465259	-.008104	.3230938	-.009439	.002689	69.25248	1.378534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067740	.0108755	438.7783	.0899554	.0738052	.1338765	100.4600
Stddev	.0000953	.0001913	4.0732	.0014688	.0009467	.0025380	.8947
%RSD	1.406394	1.759329	.9283046	1.632841	1.282745	1.895744	.8906205

#1	.0067459	.0109141	440.9266	.0887908	.0741600	.1360593	101.1048
#2	.0068802	.0110447	441.3276	.0916055	.0745234	.1344787	100.8366
#3	.0066960	.0106679	434.0807	.0894698	.0727324	.1310917	99.4385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.346709	250.6375	.1686211	-.004690	.8619159	.1818538	1.107484
Stddev	.020265	2.3277	.0013801	.000022	.0678093	.0044865	.003575
%RSD	.8635579	.9287280	.8184854	.4722764	7.867277	2.467116	.3227857

#1	2.360955	252.0732	.1690882	-.004672	.8024300	.1814064	1.110796
#2	2.355663	251.8875	.1697072	-.004684	.8475662	.1776077	1.107962
#3	2.323509	247.9518	.1670681	-.004715	.9357516	.1865472	1.103695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.802099	3.692105	-.017884	.0002597	3.398874	2.716136	.0080609
Stddev	.106363	.034071	.002248	.0003687	.031447	.031180	.0005772
%RSD	1.563680	.9227994	12.57210	141.9882	.9252061	1.147941	7.160607

#1	6.844367	3.676475	-.020367	.0000862	3.395739	2.726690	.0085513
#2	6.880832	3.731186	-.015987	.0000097	3.431770	2.740669	.0082066
#3	6.681100	3.668653	-.017297	.0006831	3.369112	2.681049	.0074248

Sample Name: I2553-18 Acquired: 4/7/2017 17:59:45 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YX7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4900929	.0563129	.2050483
Stddev	.0050256	.0009039	.0024024
%RSD	1.025429	1.605106	1.171626

#1	.4945001	.0572406	.2072573
#2	.4911588	.0562632	.2053972
#3	.4846199	.0554349	.2024906

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.872	2183.304	38994.26	6004.347	3001.592
Stddev	16.755	7.568	524.78	41.144	15.020
%RSD	1.312154	.3466466	1.345779	.6852331	.5004029

#1	1287.496	2182.570	39247.77	5980.685	3005.042
#2	1257.558	2176.128	38390.86	5980.501	2985.147
#3	1285.562	2191.212	39344.15	6051.856	3014.587

Sample Name: I2553-19 Acquired: 4/7/2017 18:03:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586597	-.005290	.4793542	-.005646	.0016795	108.5412	2.137431
Stddev	.0025973	.001534	.0061458	.001921	.0020671	.4562	.008379
%RSD	4.427699	28.99190	1.282104	34.02872	123.0793	.4203110	.3919903

#1	.0566765	-.003701	.4724517	-.007600	.0035006	108.8397	2.145852
#2	.0577029	-.006761	.4842328	-.005581	.0021051	108.0161	2.129095
#3	.0615996	-.005407	.4813783	-.003759	-.000567	108.7679	2.137347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095637	.0127227	176.1255	.1256693	.0981590	.1972781	146.4105
Stddev	.0002287	.0003295	.8923	.0016508	.0013502	.0026604	.7568
%RSD	2.391483	2.590166	.5066392	1.313584	1.375475	1.348546	.5169213

#1	.0095960	.0123434	176.7413	.1275574	.0967092	.1971735	146.8464
#2	.0093206	.0129391	175.1021	.1244989	.0983875	.1946716	145.5365
#3	.0097746	.0128856	176.5330	.1249515	.0993803	.1999893	146.8484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.922244	109.0220	.2183539	-.006366	.8229901	.2433930	1.615945
Stddev	.012051	.6194	.0019701	.000244	.0735543	.0027380	.017689
%RSD	.6269335	.5681334	.9022455	3.826667	8.937449	1.124917	1.094651

#1	1.929233	109.2581	.2163455	-.006434	.7551355	.2446386	1.621909
#2	1.908328	108.3193	.2184329	-.006568	.9011560	.2452868	1.596045
#3	1.929170	109.4886	.2202833	-.006096	.8126786	.2402537	1.629882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29128	4.167152	-.029533	-.000266	5.370154	2.726619	.0086086
Stddev	.04721	.043177	.001266	.000194	.050855	.024743	.0002116
%RSD	.4587340	1.036137	4.286300	72.86982	.9469887	.9074661	2.457994

#1	10.32096	4.117348	-.030993	-.000489	5.312721	2.748208	.0088529
#2	10.23684	4.194043	-.028850	-.000162	5.409467	2.699618	.0084860
#3	10.31604	4.190065	-.028754	-.000146	5.388273	2.732030	.0084868

Sample Name: I2553-19 Acquired: 4/7/2017 18:03:50 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YX8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5983977	.0840653	.1409654
Stddev	.0023144	.0008846	.0006830
%RSD	.3867713	1.052226	.4845459

#1	.6007930	.0846380	.1413055
#2	.5961737	.0845115	.1401791
#3	.5982263	.0830466	.1414117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.429	2409.022	43305.53	6426.474	3227.939
Stddev	12.679	11.191	300.69	51.306	17.164
%RSD	.8894743	.4645658	.6943552	.7983559	.5317273

#1	1414.170	2421.876	42989.94	6382.159	3247.675
#2	1422.954	2401.437	43337.94	6482.682	3216.497
#3	1439.163	2403.754	43588.71	6414.581	3219.646

Sample Name: CCV037 Acquired: 4/7/2017 18:07:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253971	F 4.468204	23.01652	F 5.535336	F 5.554537	401.6924
Stddev	.021165	.012178	.05112	.026602	.031215	6.6976
%RSD	.4028293	.2725499	.2220836	.4805784	.5619787	1.667345

#1	5.278403	4.481574	23.06093	5.565848	5.590581	403.3070
#2	5.242236	4.465294	23.02797	5.523152	5.536687	394.3351
#3	5.241273	4.457745	22.96065	5.517009	5.536344	407.4351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16397	.4932386	2.447020	408.8925	14.73368	2.416428
Stddev	.17775	.0072709	.003885	7.1548	.07903	.005271
%RSD	1.748794	1.474107	.1587818	1.749807	.5363613	.2181284

#1	10.20856	.4949294	2.448017	410.8374	14.69268	2.422276
#2	9.96818	.4852713	2.450310	400.9663	14.68357	2.414963
#3	10.31519	.4995151	2.442733	414.8737	14.82478	2.412045

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.55169	394.6112	13.58392	393.6374	2.514657	1.264206
Stddev	.24345	6.9207	.26558	7.1313	.005560	.009786
%RSD	1.565411	1.753804	1.955110	1.811650	.2211018	.7741181

#1	15.63533	396.4244	13.65258	395.1673	2.521034	1.261217
#2	15.27745	386.9644	13.29075	385.8653	2.512110	1.256262
#3	15.74229	400.4448	13.80843	399.8796	2.510826	1.275138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.9897	2.372276	14.56415	158.0495	4.914415	4.722063
Stddev	7.1275	.045757	.18785	2.5801	.021449	.079934
%RSD	1.804468	1.928842	1.289843	1.632477	.4364442	1.692782

#1	397.1445	2.385357	14.44083	158.5831	4.939177	4.748431
#2	387.0335	2.321403	14.47126	155.2442	4.901598	4.632276
#3	400.7911	2.410069	14.78035	160.3210	4.902471	4.785482

Sample Name: CCV037 Acquired: 4/7/2017 18:07:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.358998	5.012706	4.642524	4.931865	4.738794	5.288217
Stddev	.019206	.017987	.071367	.014071	.084518	.093086
%RSD	.3583912	.3588317	1.537247	.2853090	1.783536	1.760252

#1	5.381143	5.002715	4.654184	4.944528	4.761265	5.303554
#2	5.348958	5.033471	4.566045	4.934349	4.645312	5.188415
#3	5.346892	5.001931	4.707343	4.916717	4.809806	5.372683

Elem	Sr4077
Units	ppm
Avg	5.137015
Stddev	.091723
%RSD	1.785540

#1	5.166671
#2	5.034132
#3	5.210241

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.669	1753.488	32198.36	5036.559	2699.091
Stddev	5.570	10.138	167.62	66.598	11.445
%RSD	.5441605	.5781679	.5205711	1.322293	.4240343

#1	1028.234	1741.803	32292.81	5012.196	2685.898
#2	1025.310	1758.720	32297.44	5111.908	2705.020
#3	1017.462	1759.941	32004.83	4985.574	2706.355

Sample Name: CCB037 Acquired: 4/7/2017 18:11:46 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000291	.0007158	-.001149	.0007983	.0001885	.0105653	-.000681
Stddev	.001825	.0012505	.000696	.0015016	.0012785	.0049517	.000377
%RSD	626.3513	174.6957	60.60676	188.1004	678.2531	46.86770	55.38091

#1	.001571	-.000297	-.001675	.0021934	.0015596	.0162469	-.000247
#2	-.000369	.002114	-.001413	-.000791	-.000971	.0082803	-.000924
#3	-.002077	.000331	-.000359	.000993	-.000023	.0071687	-.000873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000984	.0001281	.0147424	-.000406	.0000475	.0024501	-.006164
Stddev	.0000333	.0000196	.0037603	.000464	.0001806	.0012103	.001515
%RSD	33.82397	15.26080	25.50669	114.1334	379.8895	49.40014	24.57724

#1	.0000628	.0001479	.0132974	-.000855	.0000568	.0024682	-.005067
#2	.0001036	.0001275	.0119190	.000071	-.000138	.0012308	-.005532
#3	.0001288	.0001088	.0190109	-.000435	.000223	.0036513	-.007893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005897	.0334787	.0001232	.0004586	-.092231	-.000420	-.007797
Stddev	.0004920	.0064492	.0001433	.0002232	.048935	.003486	.000582
%RSD	83.44127	19.26358	116.3809	48.67443	53.05746	830.1400	7.461494

#1	.0010134	.0324722	.0002015	.0002020	-.061662	-.001088	-.008312
#2	.0007056	.0403719	.0002103	.0006081	-.066359	-.003524	-.007912
#3	.0000500	.0275919	-.000042	.0005657	-.148671	.003352	-.007166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164310	-.001657	.0032406	.0003120	-.004344	.0004169	-.000327
Stddev	.0364139	.001576	.0013492	.0002679	.002457	.0025620	.000493
%RSD	221.6170	95.11708	41.63317	85.85226	56.57748	614.4993	150.7658

#1	-.023516	-.000073	.0031755	.0005903	-.005154	-.000325	-.000352
#2	.025040	-.003225	.0046212	.0000559	-.001583	.003268	-.000807
#3	.047769	-.001672	.0019252	.0002899	-.006294	-.001692	.000178

Sample Name: CCB037 Acquired: 4/7/2017 18:11:46 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000579	-.000557	.0000225
Stddev	.000738	.000215	.0000175
%RSD	127.4578	38.61128	77.80588

#1	-.001400	-.000355	.0000380
#2	-.000370	-.000783	.0000259
#3	.000032	-.000532	.0000035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.831	2267.615	39918.71	5438.116	4130.140
Stddev	10.527	5.700	161.71	111.541	9.811
%RSD	.7857329	.2513778	.4051083	2.051097	.2375510

#1	1345.840	2261.050	39922.84	5561.708	4120.611
#2	1327.675	2271.315	39754.97	5344.934	4129.598
#3	1345.977	2270.480	40078.31	5407.704	4140.211

Sample Name: I2553-20 Acquired: 4/7/2017 18:15:58 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666809	-.008017	.5622985	-.004184	.0021710	124.1152	2.431158
Stddev	.0020047	.001918	.0041942	.002288	.0015827	3.3047	.068686
%RSD	3.006334	23.92733	.7458974	54.68648	72.90011	2.662613	2.825249

#1	.0688611	-.009658	.5605429	-.001555	.0003864	127.9247	2.509633
#2	.0662644	-.005908	.5592674	-.005271	.0027222	122.4022	2.401873
#3	.0649173	-.008485	.5670852	-.005725	.0034044	122.0187	2.381968

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108868	.0150508	200.8086	.1429126	.1158883	.2228414	165.9857
Stddev	.0001436	.0000563	5.0972	.0016122	.0002997	.0059499	4.1832
%RSD	1.318661	.3741769	2.538339	1.128118	.2585975	2.670025	2.520238

#1	.0110469	.0150223	206.5973	.1411649	.1155756	.2296010	170.7585
#2	.0107696	.0151156	198.8356	.1432309	.1161731	.2205262	164.2436
#3	.0108438	.0150144	196.9928	.1443419	.1159162	.2183972	162.9551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.174411	124.4604	.2565025	-.007728	1.054940	.2781120	1.834268
Stddev	.049677	3.0185	.0006764	.000212	.078154	.0043355	.046329
%RSD	2.284618	2.425232	.2637100	2.743554	7.408396	1.558886	2.525734

#1	2.230716	127.9059	.2570261	-.007590	1.137796	.2827424	1.874557
#2	2.155750	123.1928	.2557388	-.007972	1.044481	.2774447	1.783645
#3	2.136766	122.2824	.2567427	-.007622	.982541	.2741489	1.844603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.69027	4.877666	-.031499	-.000335	6.245432	3.550967	.0119796
Stddev	.31786	.026161	.000549	.000215	.024954	.059584	.0014341
%RSD	2.719014	.5363374	1.744286	64.13302	.3995568	1.677956	11.97086

#1	12.05366	4.893448	-.032076	-.000118	6.259809	3.619705	.0110308
#2	11.55324	4.847469	-.031440	-.000340	6.216618	3.519154	.0112787
#3	11.46390	4.892082	-.030982	-.000548	6.259870	3.514041	.0136293

Sample Name: I2553-20 Acquired: 4/7/2017 18:15:58 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YX9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7009349	.0956406	.1602974
Stddev	.0190962	.0031665	.0042608
%RSD	2.724390	3.310823	2.658040

#1	.7227023	.0992343	.1652172
#2	.6931013	.0932602	.1578693
#3	.6870013	.0944273	.1578058

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.314	2457.500	44038.08	6590.589	3169.416
Stddev	12.900	11.771	116.97	139.552	14.889
%RSD	.8919032	.4789811	.2656194	2.117436	.4697709

#1	1432.448	2444.101	44137.49	6433.727	3155.028
#2	1448.538	2462.224	44067.56	6637.077	3184.760
#3	1457.958	2466.175	43909.19	6700.963	3168.460

Sample Name: I2553-21 Acquired: 4/7/2017 18:19:56 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925701	-.006755	33.03050	-.009889	.0041416	84.37469	9.994935
Stddev	.0046288	.001568	.17365	.002167	.0014522	.12740	.017339
%RSD	5.000315	23.22035	.5257231	21.91347	35.06322	.1509912	.1734734

#1	.0972862	-.008020	33.00526	-.008672	.0027483	84.23743	9.983528
#2	.0880338	-.007244	32.87085	-.008603	.0040302	84.39749	9.986389
#3	.0923904	-.005000	33.21539	-.012391	.0056462	84.48914	10.01489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101506	.0803279	289.4439	.0950071	.3015167	.8107480	204.2223
Stddev	.0001417	.0008016	1.7159	.0004752	.0016919	.0033540	1.0079
%RSD	1.396222	.9978828	.5928163	.5001680	.5611362	.4136947	.4935524

#1	.0103095	.0801731	289.2409	.0949106	.3013145	.8073300	204.2030
#2	.0100373	.0796150	287.8386	.0955232	.2999350	.8108797	203.2241
#3	.0101050	.0811955	291.2523	.0945876	.3033007	.8140342	205.2397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.08368	143.7701	.3027448	-.002530	.9063068	.2501546	4.530032
Stddev	.11750	.6241	.0019421	.000144	.1825734	.0045783	.008633
%RSD	.6497374	.4341255	.6415066	5.678113	20.14477	1.830173	.1905690

#1	18.07779	143.5284	.3033146	-.002504	.8577177	.2458737	4.520110
#2	17.96924	143.3030	.3005815	-.002401	1.108259	.2496090	4.534164
#3	18.20401	144.4790	.3043383	-.002685	.752943	.2549813	4.535823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.117570	3.707542	-.039326	.0022168	3.601459	3.293806	.0165864
Stddev	.024299	.022414	.002320	.0003254	.022945	.028158	.0010464
%RSD	.2993415	.6045420	5.898289	14.67940	.6371024	.8548691	6.308583

#1	8.144048	3.709109	-.040119	.0025620	3.599859	3.312299	.0158942
#2	8.112369	3.684387	-.036714	.0021725	3.579355	3.261400	.0160748
#3	8.096292	3.729132	-.041145	.0019158	3.625162	3.307720	.0177901

Sample Name: I2553-21 Acquired: 4/7/2017 18:19:56 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YY0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6649490	.0559483	.1531301
Stddev	.0027975	.0004893	.0004533
%RSD	.4207026	.8745626	.2960097

#1	.6633888	.0555169	.1526591
#2	.6632797	.0558479	.1535633
#3	.6681786	.0564800	.1531679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.233	2260.228	40901.61	6142.779	3123.214
Stddev	1.922	21.362	155.71	29.428	21.243
%RSD	.1439081	.9451461	.3807046	.4790589	.6801559

#1	1337.410	2244.654	40903.00	6121.201	3109.833
#2	1334.517	2284.581	41056.62	6176.300	3147.708
#3	1333.772	2251.449	40745.20	6130.835	3112.101

Sample Name: I2553-22 Acquired: 4/7/2017 18:23:55 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0829411	-.011139	33.63867	-.010847	.0060945	77.47166	9.269335
Stddev	.0021394	.000504	.12014	.003300	.0013472	.22770	.024860
%RSD	2.579433	4.520825	.3571367	30.42660	22.10606	.2939197	.2681989

#1	.0820152	-.011206	33.50827	-.014565	.0076353	77.72637	9.296221
#2	.0814205	-.011606	33.74485	-.009712	.0055101	77.28780	9.247180
#3	.0853874	-.010606	33.66290	-.008263	.0051381	77.40083	9.264604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099647	.0792308	361.4272	.0952254	.3113168	.8204747	201.1674
Stddev	.0002186	.0001708	1.1437	.0006885	.0013679	.0046634	.4350
%RSD	2.193644	.2156168	.3164298	.7229887	.4394059	.5683835	.2162505

#1	.0102040	.0791178	362.7074	.0949687	.3104366	.8159294	201.5881
#2	.0097755	.0794273	360.5063	.0947022	.3128928	.8202468	200.7194
#3	.0099146	.0791473	361.0681	.0960054	.3106211	.8252480	201.1946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.05418	178.4884	.2922886	-.002280	1.000497	.2376160	4.406760
Stddev	.07351	.3909	.0017203	.000424	.041743	.0024667	.062507
%RSD	.3857843	.2190144	.5885644	18.57615	4.172219	1.038092	1.418441

#1	19.13241	178.8657	.2927460	-.002000	1.028890	.2360996	4.338215
#2	18.98654	178.5142	.2903859	-.002767	.952569	.2404622	4.460611
#3	19.04359	178.0852	.2937340	-.002073	1.020033	.2362862	4.421455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.637989	3.605472	-.034890	.0024101	3.539366	5.147129	.0152449
Stddev	.012240	.018179	.000475	.0002714	.012058	.026429	.0002839
%RSD	.1602538	.5042116	1.361685	11.25874	.3406948	.5134742	1.862040

#1	7.627140	3.584583	-.034979	.0021875	3.526541	5.165446	.0149275
#2	7.635570	3.617709	-.035315	.0027124	3.541083	5.116832	.0153330
#3	7.651259	3.614125	-.034377	.0023306	3.550474	5.159111	.0154743

Sample Name: I2553-22 Acquired: 4/7/2017 18:23:55 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YY1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7418955	.0505984	.1654771
Stddev	.0034669	.0005915	.0001994
%RSD	.4673095	1.168999	.1204820

#1	.7431792	.0501768	.1654925
#2	.7379698	.0503437	.1652704
#3	.7445376	.0512745	.1656683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.179	2226.155	40159.26	6066.910	3071.950
Stddev	4.988	1.837	71.30	38.598	5.042
%RSD	.3833570	.0825179	.1775423	.6362071	.1641203

#1	1295.448	2226.381	40089.10	6023.259	3077.529
#2	1303.541	2227.869	40157.03	6080.940	3067.720
#3	1304.547	2224.216	40231.65	6096.531	3070.601

Sample Name: I2552-01 Acquired: 4/7/2017 18:27:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420865	-.003024	2.292585	-.001595	.0014505	31.18982	1.842440
Stddev	.0031783	.001273	.022362	.001625	.0016981	.16058	.004071
%RSD	7.551764	42.08482	.9754222	101.9075	117.0739	.5148601	.2209420

#1	.0457161	-.003275	2.266801	.000166	.0007808	31.34040	1.846848
#2	.0398014	-.004152	2.306682	-.003037	.0033813	31.20825	1.841651
#3	.0407422	-.001644	2.304273	-.001914	.0001892	31.02082	1.838822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039309	.0102423	37.75800	.0695163	.0574710	.1068248	78.44920
Stddev	.0000989	.0000906	.15012	.0003393	.0001153	.0016913	.31276
%RSD	2.515188	.8846825	.3975972	.4881225	.2006654	1.583244	.3986780

#1	.0039551	.0101774	37.81649	.0691707	.0573422	.1082627	78.70763
#2	.0038221	.0102037	37.87007	.0695292	.0575646	.1072502	78.53845
#3	.0040154	.0103458	37.58743	.0698490	.0575064	.1049613	78.10152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.363201	17.32232	.0833156	-.002449	.1641582	.1192876	.8156411
Stddev	.014040	.10101	.0002837	.000254	.0943618	.0044319	.0197043
%RSD	.3217728	.5831461	.3404646	10.36512	57.48223	3.715309	2.415800

#1	4.377696	17.42851	.0829950	-.002224	.0811251	.1242996	.7929391
#2	4.362239	17.31099	.0835341	-.002398	.1445742	.1158863	.8283044
#3	4.349666	17.22744	.0834175	-.002724	.2667753	.1176770	.8256798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.164039	1.789464	-.015498	.0007498	.7573748	1.994421	.0062285
Stddev	.021856	.013852	.000050	.0002506	.0098450	.020945	.0003258
%RSD	.6907640	.7741015	.3200359	33.42857	1.299888	1.050174	5.230090

#1	3.163653	1.773753	-.015516	.0006072	.7482417	2.015545	.0058635
#2	3.186086	1.799920	-.015442	.0010392	.7560793	1.994057	.0063323
#3	3.142379	1.794717	-.015536	.0006030	.7678035	1.973660	.0064897

Sample Name: I2552-01 Acquired: 4/7/2017 18:27:52 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4773318	.0178361	.0417042
Stddev	.0045912	.0007499	.0000849
%RSD	.9618564	4.204426	.2035111

#1	.4811595	.0184474	.0418022
#2	.4785945	.0180616	.0416574
#3	.4722413	.0169993	.0416531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.930	2229.092	40201.32	5749.454	3680.345
Stddev	14.026	17.855	196.96	40.176	23.523
%RSD	1.045211	.8010092	.4899313	.6987861	.6391531

#1	1357.236	2246.019	40428.55	5711.934	3706.699
#2	1329.691	2230.821	40096.00	5744.585	3672.862
#3	1338.864	2210.435	40079.42	5791.843	3661.473

Sample Name: I2552-02 Acquired: 4/7/2017 18:31:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663439	-.007521	6.420717	-.004316	.0028469	72.52315	5.367839
Stddev	.0029500	.003040	.014946	.000595	.0011059	.98792	.058063
%RSD	4.446555	40.41572	.2327808	13.78817	38.84754	1.362219	1.081682

#1	.0634907	-.009459	6.409604	-.004119	.0040650	72.58356	5.373435
#2	.0693820	-.004018	6.414839	-.004985	.0025698	73.47948	5.422902
#3	.0661592	-.009085	6.437709	-.003845	.0019058	71.50641	5.307181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077510	.0282569	136.0740	.1179669	.1481444	.2569516	152.3280
Stddev	.0001187	.0001914	1.3800	.0013099	.0002933	.0036577	1.6522
%RSD	1.531638	.6773948	1.014162	1.110354	.1979996	1.423486	1.084664

#1	.0078427	.0283866	135.9800	.1180331	.1478057	.2576809	152.2933
#2	.0077934	.0280371	137.4986	.1166252	.1483160	.2601897	153.9973
#3	.0076169	.0283470	134.7434	.1192424	.1483115	.2529842	150.6934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.45961	67.11307	.2089672	-.005867	.7650485	.2208616	1.966776
Stddev	.10448	.59424	.0004734	.000492	.0598040	.0050938	.009960
%RSD	.9117327	.8854346	.2265656	8.380979	7.817014	2.306340	.5064303

#1	11.45164	66.98000	.2085240	-.005402	.8337260	.2221924	1.970565
#2	11.56786	67.76256	.2089115	-.005818	.7369593	.2251579	1.955477
#3	11.35935	66.59664	.2094660	-.006382	.7244601	.2152344	1.974286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.775142	4.237412	-.031209	.0015210	2.556821	2.746755	.0078872
Stddev	.047904	.006870	.001186	.0002492	.006371	.032783	.0010182
%RSD	.6161201	.1621361	3.799896	16.38208	.2491577	1.193508	12.90969

#1	7.773032	4.243564	-.032421	.0012351	2.561502	2.757214	.0090623
#2	7.824067	4.229998	-.030051	.0016919	2.549567	2.773033	.0073334
#3	7.728328	4.238672	-.031156	.0016360	2.559396	2.710019	.0072658

Sample Name: I2552-02 Acquired: 4/7/2017 18:31:57 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6311813	.0488003	.1245165
Stddev	.0083589	.0000743	.0016520
%RSD	1.324327	.1522382	1.326758

#1	.6336302	.0488835	.1246431
#2	.6380423	.0487765	.1261015
#3	.6218715	.0487407	.1228047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.875	2290.866	40949.92	6112.008	3343.499
Stddev	10.083	6.833	170.80	64.838	8.896
%RSD	.7491634	.2982696	.4170981	1.060825	.2660624

#1	1357.495	2283.763	41137.54	6105.330	3334.588
#2	1340.689	2291.443	40908.77	6050.768	3343.528
#3	1339.441	2297.392	40803.45	6179.927	3352.380

Sample Name: I2552-03 Acquired: 4/7/2017 18:35:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588100	-.006504	7.476863	-.004296	.0026196	59.80183	4.909112
Stddev	.0019508	.001363	.014561	.000527	.0007003	2.01699	.164006
%RSD	3.317179	20.95276	.1947535	12.27239	26.73192	3.372786	3.340859

#1	.0596119	-.007716	7.475070	-.004559	.0024598	61.17955	5.018760
#2	.0565860	-.006769	7.463281	-.003689	.0020131	60.73920	4.988008
#3	.0602322	-.005029	7.492238	-.004641	.0033860	57.48673	4.720567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066729	.0371551	90.03971	.0948137	.1361867	.2626187	132.4577
Stddev	.0001799	.0001500	3.06695	.0017210	.0003968	.0088309	4.3873
%RSD	2.695597	.4038054	3.406220	1.815108	.2913892	3.362632	3.312190

#1	.0067335	.0370459	91.88109	.0928358	.1363809	.2691065	135.1701
#2	.0068146	.0370933	91.73880	.0959691	.1357302	.2661877	134.8069
#3	.0064705	.0373262	86.49926	.0956363	.1364490	.2525618	127.3961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.473637	43.96910	.1740276	-.003691	.5284336	.1956685	2.264558
Stddev	.322464	1.54341	.0008605	.000162	.0658198	.0048020	.040067
%RSD	3.403807	3.510214	.4944562	4.382477	12.45565	2.454167	1.769309

#1	9.656782	44.99428	.1730380	-.003554	.4536568	.1977828	2.222620
#2	9.662825	44.71899	.1746000	-.003650	.5775937	.1990505	2.268606
#3	9.101303	42.19403	.1744448	-.003869	.5540504	.1901721	2.302447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.679416	3.063154	-.025941	.0011074	1.995301	2.402684	.0077095
Stddev	.188950	.018218	.002562	.0004011	.008027	.067239	.0004621
%RSD	3.326929	.5947318	9.877358	36.21894	.4023103	2.798489	5.993408

#1	5.812385	3.052811	-.023435	.0013699	1.986571	2.426582	.0081343
#2	5.762738	3.052462	-.025833	.0006457	1.996969	2.454709	.0072175
#3	5.463127	3.084189	-.028556	.0013066	2.002364	2.326760	.0077768

Sample Name: I2552-03 Acquired: 4/7/2017 18:35:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5780768	.0377814	.0881136
Stddev	.0167784	.0013416	.0030654
%RSD	2.902446	3.551024	3.478956

#1	.5890495	.0383678	.0903205
#2	.5864184	.0387301	.0894068
#3	.5587624	.0362464	.0846135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.676	2281.536	41115.26	6082.549	3465.027
Stddev	17.554	5.790	341.05	180.052	5.802
%RSD	1.290087	.2537597	.8294855	2.960148	.1674507

#1	1380.932	2276.420	41508.85	5970.212	3460.929
#2	1351.167	2287.821	40929.85	5987.212	3471.666
#3	1349.927	2280.368	40907.09	6290.224	3462.485

Sample Name: I2552-04 Acquired: 4/7/2017 18:40:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479341	-.004696	5.649451	-.002645	-.000052	44.91608	3.525636
Stddev	.0010003	.002064	.018360	.002316	.000275	.75249	.052724
%RSD	2.086833	43.95580	.3249859	87.56744	530.8269	1.675333	1.495446

#1	.0467791	-.006807	5.656000	-.004650	-.000351	44.06226	3.466890
#2	.0485098	-.002682	5.628715	-.003177	.000190	45.20333	3.541173
#3	.0485134	-.004600	5.663639	-.000109	.000006	45.48263	3.568846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054684	.0262674	71.07840	.0800029	.0991979	.2114760	105.3844
Stddev	.0002868	.0002135	1.25247	.0003029	.0006488	.0028113	1.8417
%RSD	5.244548	.8128378	1.762092	.3786055	.6540827	1.329375	1.747590

#1	.0052985	.0265138	69.80225	.0803249	.0997675	.2090756	103.3679
#2	.0053071	.0261518	71.12721	.0799600	.0984917	.2145688	105.8075
#3	.0057995	.0261366	72.30576	.0797237	.0993346	.2107836	106.9776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.970851	33.97932	.1301324	-.002824	.3511412	.1572377	1.727478
Stddev	.132299	.57904	.0002788	.000229	.0345999	.0052809	.023213
%RSD	1.897886	1.704087	.2142696	8.104449	9.853563	3.358522	1.343747

#1	6.830293	33.31384	.1298259	-.003037	.3778998	.1514648	1.733498
#2	6.989307	34.25612	.1303710	-.002852	.3634551	.1584232	1.747088
#3	7.092952	34.36801	.1302003	-.002582	.3120688	.1618250	1.701848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.313559	2.349373	-.021818	.0013047	1.408571	2.106686	.0065731
Stddev	.067555	.008429	.000558	.0003142	.010556	.034085	.0013725
%RSD	1.566114	.3587641	2.559551	24.08276	.7494289	1.617957	20.88095

#1	4.271825	2.347927	-.022427	.0015447	1.405709	2.071353	.0064403
#2	4.277353	2.341760	-.021330	.0009490	1.399741	2.109335	.0052718
#3	4.391500	2.358430	-.021697	.0014202	1.420263	2.139369	.0080072

Sample Name: I2552-04 Acquired: 4/7/2017 18:40:02 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YS5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4877252	.0279293	.0665902
Stddev	.0081638	.0006667	.0011248
%RSD	1.673858	2.387149	1.689065

#1	.4783880	.0271597	.0653215
#2	.4935167	.0282978	.0669837
#3	.4912709	.0283304	.0674652

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.725	2253.049	40297.44	5833.499	3547.145
Stddev	7.641	7.309	109.90	92.260	16.120
%RSD	.5725097	.3244232	.2727163	1.581557	.4544433

#1	1325.901	2244.854	40175.54	5925.799	3536.079
#2	1339.089	2258.895	40388.94	5833.418	3565.640
#3	1339.183	2255.399	40327.83	5741.279	3539.716

Sample Name: I2552-10 Acquired: 4/7/2017 18:44:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0813291	-.010615	25.43970	-.009554	.0062431	69.24409	9.696265
Stddev	.0008922	.000842	.36857	.000589	.0007614	.33357	.056253
%RSD	1.096978	7.936553	1.448792	6.160311	12.19554	.4817322	.5801507

#1	.0823183	-.009772	25.84910	-.009969	.0054973	69.60079	9.760845
#2	.0805855	-.010616	25.13433	-.008880	.0070191	69.19162	9.670012
#3	.0810833	-.011456	25.33568	-.009812	.0062129	68.93987	9.657938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093700	.0707986	340.5634	.0980343	.2585152	.6672957	191.5991
Stddev	.0001576	.0008775	3.0434	.0025996	.0040396	.0022895	1.6856
%RSD	1.682243	1.239441	.8936345	2.651754	1.562601	.3431035	.8797475

#1	.0092262	.0718103	343.8280	.0979469	.2630485	.6699012	193.4495
#2	.0093453	.0702447	340.0573	.0954795	.2552975	.6656048	191.1965
#3	.0095386	.0703408	337.8047	.1006766	.2571995	.6663812	190.1512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.94741	167.7434	.2586513	-.003206	.9535807	.2251623	3.884198
Stddev	.16017	1.4519	.0037636	.000742	.0709407	.0017297	.086965
%RSD	.9450915	.8655764	1.455074	23.14234	7.439398	.7681859	2.238935

#1	17.11982	169.3731	.2627946	-.003214	1.031799	.2270947	3.870046
#2	16.91917	167.2692	.2554443	-.002460	.893400	.2237589	3.805177
#3	16.80325	166.5878	.2577149	-.003943	.935543	.2246333	3.977371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.203574	3.228503	-.040018	.0017470	3.756034	3.073790	.0108235
Stddev	.048987	.047357	.000890	.0005118	.061927	.019581	.0007801
%RSD	.7896619	1.466834	2.225124	29.29671	1.648729	.6370315	7.207798

#1	6.229789	3.279735	-.040846	.0019607	3.823691	3.096400	.0099712
#2	6.147058	3.186330	-.040133	.0011629	3.702161	3.062395	.0109973
#3	6.233876	3.219444	-.039076	.0021173	3.742249	3.062574	.0115022

Sample Name: I2552-10 Acquired: 4/7/2017 18:44:07 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YS9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6041814	.0455813	.1623522
Stddev	.0026833	.0000860	.0010389
%RSD	.4441289	.1887219	.6399176

#1	.6072749	.0455962	.1635296
#2	.6027866	.0454889	.1619626
#3	.6024828	.0456590	.1615643

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.032	2192.019	40157.31	5960.084	3090.746
Stddev	16.918	15.116	443.75	46.291	34.569
%RSD	1.287516	.6896070	1.105022	.7766826	1.118457

#1	1318.890	2174.581	40212.00	5910.479	3051.876
#2	1327.989	2201.400	40571.17	5967.643	3118.043
#3	1295.216	2200.076	39688.75	6002.130	3102.320

Sample Name: I2552-11 Acquired: 4/7/2017 18:48:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904979	-.008368	31.71299	-.012600	.0063454	83.15239	11.93407
Stddev	.0069493	.002892	.03381	.001556	.0010548	.27424	.07031
%RSD	7.678962	34.56064	.1066187	12.35304	16.62300	.3298058	.5891864

#1	.0905724	-.005153	31.69408	-.011358	.0065447	82.83819	11.86337
#2	.0835116	-.010757	31.69285	-.014346	.0052051	83.27535	12.00399
#3	.0974095	-.009193	31.75202	-.012096	.0072863	83.34364	11.93485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104606	.0834597	269.6402	.1061141	.2868495	.8101251	206.9940
Stddev	.0000828	.0000961	1.8657	.0007284	.0012182	.0033481	1.3948
%RSD	.7919469	.1150985	.6919403	.6864798	.4246645	.4132768	.6738386

#1	.0103777	.0833971	267.5431	.1069043	.2857301	.8062619	205.4829
#2	.0104605	.0835703	270.2616	.1059686	.2866715	.8121835	207.2671
#3	.0105434	.0834116	271.1160	.1054694	.2881468	.8119299	208.2321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.49940	132.6890	.3151050	-.002886	1.034776	.2608066	4.679833
Stddev	.12623	.6925	.0007054	.000059	.065989	.0071319	.023282
%RSD	.7213326	.5218706	.2238746	2.034435	6.377135	2.734567	.4974955

#1	17.36986	131.9654	.3159181	-.002866	1.105159	.2529725	4.678543
#2	17.50631	132.7560	.3146553	-.002841	1.024869	.2669224	4.657222
#3	17.62204	133.3455	.3147418	-.002953	.974301	.2625250	4.703732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.546510	3.594690	-.044447	.0021181	4.389482	2.738197	.0110486
Stddev	.040842	.010608	.001155	.0000892	.020557	.019835	.0017428
%RSD	.5412017	.2950953	2.598738	4.210435	.4683227	.7243675	15.77435

#1	7.499356	3.605134	-.045614	.0022167	4.400982	2.748135	.0090944
#2	7.570733	3.583925	-.043304	.0020431	4.365749	2.715358	.0124422
#3	7.569442	3.595012	-.044425	.0020945	4.401716	2.751099	.0116091

Sample Name: I2552-11 Acquired: 4/7/2017 18:48:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6447692	.0552203	.1605671
Stddev	.0039581	.0004223	.0004892
%RSD	.6138747	.7647343	.3046577

#1	.6403721	.0548733	.1600608
#2	.6480474	.0550972	.1606035
#3	.6458881	.0556905	.1610371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1343.279	2270.219	40947.11	6117.896	3155.469
Stddev	1.249	7.463	52.74	18.756	4.477
%RSD	.0929822	.3287443	.1287881	.3065716	.1418798

#1	1342.530	2266.208	40888.56	6139.445	3152.410
#2	1344.721	2278.830	40990.87	6108.997	3160.607
#3	1342.587	2265.619	40961.90	6105.247	3153.389

Sample Name: I2552-12 Acquired: 4/7/2017 18:52:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658528	-.005404	.6980483	-.006823	.0026613	84.88825	3.820162
Stddev	.0045740	.001087	.0052740	.001983	.0009312	.14062	.020835
%RSD	6.945714	20.11355	.7555428	29.06340	34.99161	.1656551	.5453883

#1	.0609226	-.005445	.6950226	-.007707	.0034366	84.89244	3.818514
#2	.0699583	-.006469	.7041383	-.004552	.0016284	84.74558	3.800200
#3	.0666774	-.004297	.6949842	-.008212	.0029189	85.02673	3.841772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098969	.0135750	25.71551	.1124323	.1168576	.1812336	169.9637
Stddev	.0001359	.0001678	.12143	.0002825	.0012774	.0022364	.7371
%RSD	1.373282	1.235800	.4722039	.2512881	1.093107	1.233970	.4336957

#1	.0099302	.0133814	25.71463	.1125676	.1171136	.1831766	170.0909
#2	.0097475	.0136774	25.59453	.1126217	.1179876	.1787891	169.1713
#3	.0100131	.0136663	25.83738	.1121075	.1154716	.1817352	170.6290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.93322	15.10033	.1858025	-.007526	.6207005	.2377318	1.543196
Stddev	.06506	.12040	.0018546	.000153	.0381523	.0053871	.024816
%RSD	.5452073	.7973184	.9981780	2.035933	6.146651	2.266057	1.608118

#1	11.94670	15.17963	.1863284	-.007477	.6511020	.2412488	1.529819
#2	11.86248	14.96179	.1873374	-.007698	.5778880	.2315298	1.571831
#3	11.99049	15.15958	.1837417	-.007403	.6331114	.2404167	1.527938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.387404	3.261026	-.039931	.0017167	1.284067	2.171645	.0077216
Stddev	.024752	.023848	.000452	.0003494	.015422	.001469	.0007336
%RSD	.3350595	.7312918	1.133202	20.35340	1.201065	.0676619	9.500883

#1	7.412827	3.256990	-.040095	.0021023	1.275751	2.173049	.0070090
#2	7.363383	3.286635	-.039420	.0016267	1.301862	2.171767	.0084745
#3	7.386002	3.239454	-.040279	.0014210	1.274586	2.170118	.0076812

Sample Name: I2552-12 Acquired: 4/7/2017 18:52:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5254344	.0504979	.0639244
Stddev	.0016877	.0009741	.0000791
%RSD	.3212076	1.929055	.1237435

#1	.5273724	.0515042	.0640100
#2	.5246426	.0495595	.0638540
#3	.5242881	.0504300	.0639092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.524	2481.669	44113.47	6391.371	3557.809
Stddev	11.066	13.527	232.78	19.864	26.162
%RSD	.7469250	.5450588	.5276781	.3107897	.7353430

#1	1471.996	2491.749	44041.78	6375.509	3562.921
#2	1478.915	2466.296	43924.96	6413.650	3529.468
#3	1493.661	2486.962	44373.65	6384.953	3581.038

Sample Name: I2552-13 Acquired: 4/7/2017 18:56:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659911	-.007236	.7140903	-.008465	.0037356	76.66383	4.228861
Stddev	.0013124	.003372	.0041439	.000661	.0026174	1.51685	.073704
%RSD	1.988775	46.60122	.5802999	7.808794	70.06620	1.978579	1.742885

#1	.0663087	-.005979	.7103408	-.009128	.0067483	74.91405	4.143800
#2	.0645490	-.004672	.7133905	-.008463	.0020217	77.47118	4.268989
#3	.0671155	-.011056	.7185394	-.007806	.0024366	77.60625	4.273795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096783	.0139340	26.27254	.1145958	.1199957	.1837260	167.3670
Stddev	.0002016	.0004779	.56530	.0013035	.0009444	.0044594	3.5457
%RSD	2.083124	3.429594	2.151680	1.137468	.7870139	2.427210	2.118501

#1	.0094606	.0135325	25.66091	.1156400	.1193382	.1786390	163.3736
#2	.0097157	.0138068	26.38088	.1150125	.1195712	.1855778	168.5818
#3	.0098586	.0144625	26.77583	.1131349	.1210779	.1869612	170.1457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.07206	14.68385	.1914530	-.007814	.6685264	.2346164	1.585131
Stddev	.25739	.33918	.0019513	.000247	.1556702	.0072639	.015292
%RSD	2.132154	2.309852	1.019199	3.164558	23.28556	3.096086	.9647232

#1	11.78092	14.33092	.1894773	-.007901	.7363394	.2262367	1.575865
#2	12.16589	14.71329	.1915027	-.008007	.4904525	.2391240	1.576748
#3	12.26938	15.00735	.1933789	-.007535	.7787872	.2384883	1.602782

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.030167	3.363500	-.039508	.0020985	1.407863	3.488599	.0088336
Stddev	.165204	.021635	.001493	.0000119	.008362	.076651	.0005386
%RSD	2.349931	.6432403	3.778627	.5672923	.5939715	2.197173	6.097626

#1	6.839803	3.346020	-.037784	.0020864	1.404702	3.406496	.0093029
#2	7.136006	3.356784	-.040373	.0021101	1.401543	3.501019	.0082454
#3	7.114691	3.387697	-.040367	.0020991	1.417346	3.558280	.0089523

Sample Name: I2552-13 Acquired: 4/7/2017 18:56:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5210718	.0434667	.0663269
Stddev	.0135076	.0006831	.0013451
%RSD	2.592271	1.571665	2.028048

#1	.5055009	.0429008	.0647770
#2	.5280731	.0442256	.0670133
#3	.5296415	.0432738	.0671903

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.701	2480.865	44091.92	6518.176	3551.478
Stddev	6.670	16.875	156.66	114.469	25.621
%RSD	.4560118	.6802077	.3553146	1.756155	.7214046

#1	1455.213	2498.095	43911.73	6647.239	3572.043
#2	1468.006	2480.132	44195.96	6478.346	3559.612
#3	1464.885	2464.369	44168.06	6428.943	3522.777

Sample Name: I2552-14 Acquired: 4/7/2017 19:00:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658153	-.006405	.6184029	-.006822	.0034349	79.63790	4.878519
Stddev	.0027078	.002324	.0039146	.003073	.0011321	.12236	.008222
%RSD	4.114248	36.27464	.6330198	45.05368	32.95905	.1536410	.1685289

#1	.0684416	-.003772	.6206507	-.009006	.0026375	79.49662	4.869089
#2	.0659717	-.008168	.6138827	-.003307	.0029365	79.70798	4.882281
#3	.0630327	-.007276	.6206753	-.008152	.0047306	79.70911	4.884187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091107	.0121675	23.58234	.1207308	.1039039	.1687155	160.2803
Stddev	.0001080	.0001993	.04974	.0008054	.0010964	.0006298	.2880
%RSD	1.185497	1.637671	.2108999	.6670681	1.055180	.3732814	.1796551

#1	.0090282	.0121879	23.54873	.1198118	.1034116	.1691592	160.0182
#2	.0092330	.0119587	23.63947	.1213135	.1031400	.1689928	160.5885
#3	.0090710	.0123557	23.55882	.1210672	.1051602	.1679947	160.2341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61090	13.86299	.1719629	-.006706	.5429531	.2280064	1.476196
Stddev	.02173	.07282	.0020739	.000395	.0398267	.0015256	.021547
%RSD	.2048045	.5252920	1.206001	5.895783	7.335201	.6690871	1.459632

#1	10.61324	13.78013	.1721172	-.007013	.5753259	.2297680	1.458140
#2	10.63137	13.89200	.1698162	-.006844	.4984794	.2271171	1.470401
#3	10.58810	13.91682	.1739553	-.006260	.5550539	.2271342	1.500049

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.068331	2.949393	-.036424	.0016771	1.447380	2.798911	.0084628
Stddev	.031474	.016588	.002581	.0000933	.010956	.009747	.0003029
%RSD	.4452878	.5624189	7.087246	5.562233	.7569415	.3482368	3.579069

#1	7.092678	2.946262	-.033976	.0016010	1.447712	2.803220	.0086210
#2	7.079525	2.934593	-.039121	.0016491	1.436261	2.805761	.0086538
#3	7.032790	2.967323	-.036175	.0017812	1.458165	2.787752	.0081136

Sample Name: I2552-14 Acquired: 4/7/2017 19:00:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5478181	.0471299	.0658771
Stddev	.0021077	.0001914	.0001466
%RSD	.3847524	.4062000	.2225238

#1	.5458185	.0471234	.0658583
#2	.5476163	.0473246	.0657408
#3	.5500195	.0469419	.0660322

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.450	2446.150	43518.70	6338.310	3593.715
Stddev	10.280	13.564	108.88	19.467	26.404
%RSD	.7126509	.5544941	.2501887	.3071274	.7347327

#1	1432.969	2439.660	43406.62	6330.994	3583.966
#2	1441.007	2461.740	43525.40	6323.561	3623.608
#3	1453.376	2437.051	43624.07	6360.375	3573.572

Sample Name: I2552-15 Acquired: 4/7/2017 19:04:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594111	-.004771	.6089924	-.004635	.0027134	80.59272	3.919112
Stddev	.0004969	.001886	.0039427	.003616	.0009701	.14814	.013348
%RSD	.8364418	39.52649	.6474150	78.01496	35.75271	.1838164	.3405799

#1	.0599138	-.005946	.6083744	-.007490	.0024521	80.75214	3.924950
#2	.0593993	-.005771	.6053951	-.005845	.0019007	80.56674	3.928546
#3	.0589201	-.002596	.6132076	-.000569	.0037874	80.45929	3.903840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087507	.0126565	25.12822	.1272184	.0969337	.1677548	154.7161
Stddev	.0000569	.0001180	.12821	.0016592	.0007744	.0030629	.8294
%RSD	.6506351	.9321861	.5102065	1.304180	.7988968	1.825828	.5360726

#1	.0086870	.0127008	25.25911	.1256531	.0974251	.1709189	155.6706
#2	.0087966	.0125228	25.12265	.1289577	.0960411	.1675412	154.3061
#3	.0087685	.0127459	25.00288	.1270445	.0973351	.1648043	154.1715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49679	14.61550	.1671899	-.006610	.6996680	.2156314	1.576931
Stddev	.06888	.03490	.0007521	.000552	.1283219	.0016541	.011569
%RSD	.5512123	.2388046	.4498690	8.350878	18.34041	.7670759	.7336105

#1	12.57581	14.65319	.1669510	-.006160	.5585175	.2142597	1.563781
#2	12.46521	14.60899	.1665862	-.007226	.8092808	.2151662	1.585539
#3	12.44936	14.58430	.1680324	-.006443	.7312055	.2174682	1.581472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.054326	3.448062	-.035366	.0021193	1.019844	2.002632	.0101209
Stddev	.029547	.011206	.000640	.0001571	.003417	.009434	.0011144
%RSD	.4188441	.3250057	1.810087	7.414086	.3350777	.4710806	11.01057

#1	7.053431	3.456981	-.035956	.0020496	1.023789	2.007537	.0101131
#2	7.084309	3.435484	-.035456	.0022992	1.017785	2.008604	.0112392
#3	7.025236	3.451722	-.034685	.0020091	1.017958	1.991757	.0090105

Sample Name: I2552-15 Acquired: 4/7/2017 19:04:28 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YT4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5206881	.0492707	.0584776
Stddev	.0027573	.0002466	.0002698
%RSD	.5295475	.5004124	.4613683

#1	.5177289	.0493694	.0586591
#2	.5231851	.0489900	.0586062
#3	.5211502	.0494525	.0581676

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.820	2448.266	43505.35	6368.936	3586.019
Stddev	5.489	7.108	236.58	26.868	9.173
%RSD	.3796188	.2903241	.5437866	.4218675	.2558004

#1	1447.717	2440.784	43760.23	6338.645	3579.549
#2	1439.635	2454.929	43292.79	6378.270	3596.517
#3	1450.109	2449.086	43463.02	6389.893	3581.992

Sample Name: I2552-16 Acquired: 4/7/2017 19:08:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584574	-.004996	.5768387	-.006229	.0022769	66.68195	4.535750
Stddev	.0018128	.001432	.0036505	.001622	.0019011	.15790	.009373
%RSD	3.101107	28.66654	.6328391	26.04512	83.49260	.2368031	.2066421

#1	.0568778	-.006172	.5727820	-.005502	.0028093	66.85626	4.543755
#2	.0604367	-.003401	.5798587	-.005097	.0001664	66.64110	4.538056
#3	.0580577	-.005415	.5778754	-.008088	.0038550	66.54848	4.525439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078068	.0125472	22.38337	.1297702	.1003690	.1512970	144.6347
Stddev	.0000849	.0000793	.15223	.0003376	.0005005	.0015207	.7244
%RSD	1.087984	.6320700	.6800832	.2601416	.4986124	1.005090	.5008159

#1	.0078987	.0126345	22.54136	.1294876	.0998376	.1528532	145.3550
#2	.0077907	.0124795	22.23765	.1296790	.1008313	.1512233	144.6427
#3	.0077311	.0125276	22.37109	.1301440	.1004381	.1498146	143.9064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47562	12.20536	.1723913	-.005706	.6621138	.2003875	1.493213
Stddev	.04324	.02583	.0003033	.000352	.1409697	.0027620	.004893
%RSD	.2986976	.2116196	.1759649	6.168050	21.29085	1.378353	.3276691

#1	14.51452	12.23383	.1721861	-.006058	.6814543	.1974962	1.488447
#2	14.48329	12.19880	.1727397	-.005707	.7924147	.2006673	1.498223
#3	14.42907	12.18344	.1722480	-.005354	.5124725	.2029990	1.492969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.940093	3.121364	-.033060	.0031960	.9192152	2.423871	.0084719
Stddev	.062465	.008052	.000770	.0004523	.0066725	.006468	.0020824
%RSD	1.051591	.2579782	2.328197	14.15046	.7258910	.2668447	24.57980

#1	6.009360	3.118740	-.033917	.0037161	.9127887	2.431081	.0103980
#2	5.888037	3.114951	-.032428	.0028950	.9261092	2.421951	.0062623
#3	5.922883	3.130402	-.032834	.0029770	.9187478	2.418580	.0087554

Sample Name: I2552-16 Acquired: 4/7/2017 19:08:31 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YT5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5151932	.0397065	.0534615
Stddev	.0004196	.0002229	.0001329
%RSD	.0814388	.5614744	.2485131

#1	.5147887	.0396144	.0536110
#2	.5156263	.0395443	.0534164
#3	.5151647	.0399607	.0533570

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.197	2400.984	42764.21	6189.290	3631.162
Stddev	1.701	6.646	88.73	37.253	3.668
%RSD	.1191792	.2767887	.2074872	.6018956	.1010130

#1	1425.680	2393.989	42683.90	6147.723	3631.934
#2	1426.876	2401.750	42749.26	6200.484	3627.169
#3	1429.036	2407.214	42859.46	6219.662	3634.382

Sample Name: I2552-17 Acquired: 4/7/2017 19:12:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602619	-.006243	.6534117	-.003783	.0023559	77.58706	4.143758
Stddev	.0022016	.002629	.0148258	.000520	.0004566	1.10932	.061304
%RSD	3.653401	42.10204	2.268988	13.74106	19.37930	1.429773	1.479428

#1	.0627924	-.005713	.6445861	-.003274	.0028623	77.11304	4.123818
#2	.0587856	-.009097	.6451208	-.003761	.0022294	78.85463	4.212550
#3	.0592078	-.003920	.6705284	-.004313	.0019759	76.79350	4.094907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084887	.0128015	24.59999	.1185315	.1052686	.1649415	151.2273
Stddev	.0001234	.0004062	.31817	.0008590	.0027946	.0023230	2.2837
%RSD	1.454291	3.173082	1.293385	.7247393	2.654727	1.408380	1.510096

#1	.0084376	.0125686	24.51416	.1193011	.1034135	.1654733	150.0911
#2	.0086295	.0125654	24.95228	.1176047	.1039096	.1669525	153.8562
#3	.0083991	.0132706	24.33354	.1186888	.1084828	.1623988	149.7346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17825	14.12481	.1722182	-.006045	.6512127	.2183064	1.496978
Stddev	.24224	.24169	.0051255	.000172	.0759984	.0051161	.022429
%RSD	1.708557	1.711098	2.976191	2.837621	11.67029	2.343561	1.498279

#1	14.06148	14.04940	.1683523	-.006224	.6213153	.2125925	1.490955
#2	14.45676	14.39521	.1702702	-.005883	.5947095	.2224628	1.478176
#3	14.01650	13.92982	.1780322	-.006027	.7376133	.2198637	1.521803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.073028	3.428548	-.034515	.0029125	1.003433	2.806800	.0089213
Stddev	.130167	.089669	.000649	.0003629	.034246	.037996	.0026377
%RSD	1.840324	2.615354	1.879881	12.46116	3.412852	1.353725	29.56646

#1	7.008872	3.376667	-.033770	.0033040	.979523	2.796008	.0074253
#2	7.222819	3.376889	-.034820	.0025873	.988111	2.849024	.0073717
#3	6.987393	3.532089	-.034956	.0028462	1.042664	2.775366	.0119670

Sample Name: I2552-17 Acquired: 4/7/2017 19:12:34 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5065439	.0474591	.0587814
Stddev	.0096819	.0011932	.0006956
%RSD	1.911374	2.514177	1.183354

#1	.5008503	.0467477	.0586121
#2	.5177230	.0488367	.0595460
#3	.5010584	.0467930	.0581861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.619	2405.031	43472.86	6222.045	3556.555
Stddev	16.212	55.703	354.45	78.677	87.371
%RSD	1.116021	2.316091	.8153248	1.264495	2.456627

#1	1433.916	2434.437	43068.61	6236.408	3604.214
#2	1462.650	2439.869	43619.63	6137.176	3609.733
#3	1461.292	2340.788	43730.35	6292.552	3455.718

Sample Name: I2552-18 Acquired: 4/7/2017 19:16:37 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481001	.0007292	.1854422	-.000988	.0023892	12.13093	.3189080
Stddev	.0039947	.0006625	.0016267	.001362	.0014320	.01449	.0007986
%RSD	8.304894	90.84947	.8772199	137.7693	59.93497	.1194559	.2504188

#1	.0450162	.0012071	.1836741	.000423	.0025793	12.14276	.3197717
#2	.0466714	-.000027	.1857770	-.002294	.0008717	12.13526	.3187561
#3	.0526126	.001008	.1868754	-.001093	.0037167	12.11477	.3181963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035190	.0036976	3.016570	.1224680	.0298409	.0458598	103.2336
Stddev	.0000349	.0002155	.008892	.0013917	.0003482	.0016356	.2732
%RSD	.9903527	5.826698	.2947800	1.136366	1.166781	3.566459	.2646098

#1	.0035151	.0034825	3.026157	.1208936	.0294847	.0443115	103.4204
#2	.0034862	.0039133	3.014961	.1235341	.0298575	.0475705	103.3604
#3	.0035556	.0036970	3.008593	.1229762	.0301804	.0456974	102.9201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5924139	1.845499	.0474840	-.004334	.1926560	.1913384	.6048623
Stddev	.0019495	.021929	.0002389	.000331	.0935431	.0022246	.0070440
%RSD	.3290847	1.188235	.5030488	7.642112	48.55446	1.162629	1.164569

#1	.5920425	1.866863	.0472097	-.004470	.1931102	.1894711	.6105940
#2	.5945224	1.846587	.0475955	-.003957	.0988866	.1937997	.5969985
#3	.5906767	1.823046	.0476466	-.004577	.2859711	.1907445	.6069942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7167954	1.471166	-.032425	.0017438	.0747573	1.035709	.0044668
Stddev	.0269564	.011078	.001432	.0002935	.0024193	.007739	.0007231
%RSD	3.760686	.7529840	4.417721	16.82954	3.236256	.7472401	16.18905

#1	.7203141	1.464193	-.033206	.0018115	.0741196	1.035485	.0052134
#2	.7418197	1.465365	-.033297	.0019975	.0774316	1.043558	.0044172
#3	.6882525	1.483939	-.030772	.0014224	.0727207	1.028084	.0037697

Sample Name: I2552-18 Acquired: 4/7/2017 19:16:37 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3967885	.0035105	.0088219
Stddev	.0014936	.0003240	.0000537
%RSD	.3764146	9.229035	.6084648

#1	.3958130	.0038806	.0087617
#2	.3985080	.0032781	.0088647
#3	.3960446	.0033729	.0088394

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.079	2233.231	39493.84	5586.811	3848.998
Stddev	3.028	10.260	29.78	22.773	20.591
%RSD	.2304234	.4594187	.0753936	.4076147	.5349820

#1	1314.791	2244.109	39462.75	5564.533	3872.755
#2	1310.758	2223.728	39522.10	5585.852	3836.282
#3	1316.688	2231.857	39496.68	5610.048	3837.958

Sample Name: I2552-19 Acquired: 4/7/2017 19:20:45 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389853	-.000573	.2516161	-.003859	.0030070	24.69473	.9794425
Stddev	.0028647	.001372	.0010575	.000972	.0007542	.07680	.0043427
%RSD	7.348178	239.6401	.4202897	25.19215	25.08258	.3110086	.4433870

#1	.0357197	.000078	.2513910	-.004174	.0028367	24.78319	.9840068
#2	.0410750	.000353	.2506893	-.002768	.0023525	24.64508	.9753618
#3	.0401611	-.002149	.2527681	-.004634	.0038319	24.65591	.9789590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040946	.0039564	8.599844	.1554593	.0273984	.0750296	89.09029
Stddev	.0000736	.0000596	.031545	.0032338	.0000610	.0012606	.49591
%RSD	1.796623	1.506181	.3668036	2.080151	.2225081	1.680186	.5566378

#1	.0041686	.0038886	8.633493	.1517636	.0274516	.0744122	89.63552
#2	.0040215	.0039802	8.595096	.1577695	.0273319	.0741967	88.66613
#3	.0040935	.0040004	8.570942	.1568448	.0274117	.0764799	88.96921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6386437	4.956168	.0732995	-.003473	.2908224	.1391555	.6290409
Stddev	.0041927	.040090	.0002295	.000366	.1152581	.0031622	.0252794
%RSD	.6564927	.8088835	.3130683	10.53389	39.63178	2.272421	4.018716

#1	.6434672	4.999543	.0731348	-.003072	.4059689	.1427974	.6110174
#2	.6365900	4.948487	.0735616	-.003556	.1754530	.1371064	.6181676
#3	.6358738	4.920475	.0732021	-.003790	.2910453	.1375627	.6579376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.277228	1.613834	-.023997	.0080264	.2904822	1.743656	.0059864
Stddev	.020772	.005177	.001133	.0002477	.0019979	.021162	.0004787
%RSD	.9121744	.3207904	4.721483	3.085843	.6877865	1.213641	7.995845

#1	2.275921	1.613184	-.023765	.0077529	.2911642	1.767937	.0062330
#2	2.257140	1.609013	-.022999	.0080908	.2882326	1.733896	.0062916
#3	2.298623	1.619306	-.025229	.0082356	.2920498	1.729136	.0054348

Sample Name: I2552-19 Acquired: 4/7/2017 19:20:45 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YT8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4480288	.0124967	.0230629
Stddev	.0042277	.0003132	.0000339
%RSD	.9436278	2.506197	.1470569

#1	.4525908	.0126277	.0230976
#2	.4472526	.0121393	.0230298
#3	.4442429	.0127232	.0230614

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.471	2255.885	40556.57	5744.984	3795.979
Stddev	19.755	10.720	750.17	52.031	9.946
%RSD	1.458531	.4752227	1.849691	.9056840	.2620101

#1	1375.158	2261.393	41410.40	5685.472	3800.184
#2	1352.454	2262.732	40256.11	5781.887	3803.132
#3	1335.802	2243.530	40003.20	5767.591	3784.622

Sample Name: I2552-20 Acquired: 4/7/2017 19:24:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302793	-.002122	.2494295	-.000745	.0020569	43.49245	1.312192
Stddev	.0030402	.002284	.0002590	.000647	.0020819	.02925	.001261
%RSD	10.04067	107.6447	.1038237	86.87297	101.2139	.0672446	.0960899

#1	.0274563	-.001794	.2491455	-.001024	.0000643	43.50264	1.311045
#2	.0334980	-.000019	.2496526	-.000005	.0042179	43.45947	1.311988
#3	.0298835	-.004552	.2494905	-.001204	.0018887	43.51523	1.313542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053465	.0073781	232.1275	.1132004	.0444464	.0927860	91.37496
Stddev	.0001739	.0001276	.8934	.0015412	.0006728	.0010210	.36082
%RSD	3.252843	1.729724	.3848561	1.361478	1.513636	1.100369	.3948827

#1	.0055246	.0072874	232.6827	.1127618	.0440741	.0930801	91.53110
#2	.0051771	.0073228	232.6028	.1119261	.0452230	.0936277	91.63141
#3	.0053377	.0075240	231.0970	.1149134	.0440421	.0916503	90.96236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.166087	131.9039	.1016621	-.003889	.5191239	.1653529	.8476032
Stddev	.009104	.0817	.0009661	.000226	.0740278	.0026203	.0182864
%RSD	.7807318	.0619044	.9503299	5.809217	14.26014	1.584639	2.157422

#1	1.166884	131.9802	.1005939	-.003648	.4866051	.1676227	.8686668
#2	1.174767	131.9136	.1019178	-.004097	.6038450	.1624854	.8357932
#3	1.156611	131.8178	.1024747	-.003922	.4669215	.1659505	.8383495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.016354	2.228802	-.022074	.0003801	1.468990	1.960361	.0018681
Stddev	.035425	.004373	.000299	.0002503	.010594	.006353	.0008975
%RSD	.8820285	.1961923	1.354448	65.83749	.7211483	.3240906	48.04219

#1	4.027281	2.223763	-.021730	.0002525	1.462220	1.966910	.0011102
#2	3.976752	2.231598	-.022268	.0002194	1.481198	1.959951	.0028592
#3	4.045029	2.231045	-.022225	.0006685	1.463552	1.954223	.0016349

Sample Name: I2552-20 Acquired: 4/7/2017 19:24:51 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YT9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4615451	.0318427	.1118523
Stddev	.0018655	.0006627	.0002225
%RSD	.4041746	2.081168	.1988752

#1	.4593970	.0313071	.1120694
#2	.4624796	.0316370	.1116249
#3	.4627585	.0325838	.1118628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.626	2148.171	38802.22	5760.225	3259.041
Stddev	4.747	5.540	120.28	33.612	7.064
%RSD	.3700651	.2578792	.3099724	.5835156	.2167558

#1	1277.932	2154.307	38785.13	5735.142	3263.390
#2	1287.423	2143.538	38930.12	5747.118	3250.890
#3	1282.521	2146.668	38691.40	5798.416	3262.843

Sample Name: I2552-21 Acquired: 4/7/2017 19:28:56 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317341	-.004230	.2927473	-.004833	.0018187	55.24166	1.677445
Stddev	.0008470	.001764	.0023889	.001080	.0010290	.19861	.004233
%RSD	2.669059	41.69650	.8160408	22.33799	56.58082	.3595279	.2523541

#1	.0325027	-.005781	.2946308	-.004365	.0024618	55.42030	1.681496
#2	.0318736	-.004599	.2900602	-.006067	.0023624	55.27689	1.677788
#3	.0308260	-.002311	.2935509	-.004066	.0006318	55.02780	1.673051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060749	.0100799	499.4896	.1052669	.0491976	.1121905	92.54032
Stddev	.0000479	.0000839	2.1623	.0012473	.0004151	.0007761	.30648
%RSD	.7885066	.8320942	.4329110	1.184939	.8436807	.6917958	.3311855

#1	.0061135	.0101716	500.9131	.1065676	.0496409	.1125523	92.83380
#2	.0060213	.0100071	500.5544	.1051524	.0488182	.1112995	92.56486
#3	.0060899	.0100609	497.0014	.1040808	.0491336	.1127196	92.22232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.955738	281.3155	.1197039	-.004139	.8188924	.1663259	.9632153
Stddev	.007715	1.3370	.0004148	.000233	.0385337	.0065558	.0176473
%RSD	.3944939	.4752627	.3464820	5.629042	4.705584	3.941541	1.832126

#1	1.959884	281.8740	.1201558	-.004003	.8389828	.1711927	.9820980
#2	1.960494	282.2826	.1196153	-.004408	.7744651	.1689139	.9604079
#3	1.946836	279.7898	.1193406	-.004005	.8432292	.1588711	.9471400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.310169	3.430800	-.019549	.0001969	2.061118	2.531078	.0016608
Stddev	.022431	.018049	.000740	.0001897	.009666	.006488	.0014817
%RSD	.4224241	.5260915	3.783055	96.37718	.4689616	.2563529	89.21715

#1	5.301036	3.447716	-.019542	.0000101	2.071718	2.538545	.0029511
#2	5.293746	3.411798	-.018812	.0001910	2.058845	2.527880	.0000426
#3	5.335727	3.432884	-.020291	.0003895	2.052791	2.526810	.0019886

Sample Name: I2552-21 Acquired: 4/7/2017 19:28:56 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9YW0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4391812	.0437237	.2164850
Stddev	.0022906	.0007358	.0006738
%RSD	.5215648	1.682770	.3112532

#1	.4410906	.0429451	.2169412
#2	.4366414	.0438186	.2168027
#3	.4398116	.0444075	.2157110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.991	2097.978	38111.33	5750.662	2992.961
Stddev	10.827	12.443	464.89	22.631	13.446
%RSD	.8668704	.5930969	1.219829	.3935332	.4492697

#1	1239.965	2083.613	37642.50	5727.848	2978.706
#2	1246.013	2105.406	38119.31	5751.031	3005.418
#3	1260.996	2104.915	38572.19	5773.105	2994.759

Sample Name: I2552-22 Acquired: 4/7/2017 19:33:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510941	-.008083	.5496671	-.004984	.0010973	103.0370	3.087568
Stddev	.0044210	.001519	.0066055	.004582	.0009217	.1693	.016412
%RSD	8.652604	18.78670	1.201720	91.93697	83.99727	.1643567	.5315613

#1	.0479041	-.009829	.5470035	-.010124	.0000493	103.0632	3.082182
#2	.0561406	-.007351	.5448092	-.001327	.0017819	103.1916	3.105997
#3	.0492376	-.007069	.5571884	-.003501	.0014609	102.8560	3.074526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100083	.0154421	188.1740	.1759694	.0919291	.1934579	157.4997
Stddev	.0001418	.0000942	1.1812	.0012718	.0010990	.0013050	.6654
%RSD	1.416339	.6098248	.6277270	.7227477	1.195433	.6745487	.4224507

#1	.0101644	.0153394	187.8461	.1762539	.0909590	.1924013	157.3837
#2	.0099729	.0154626	189.4845	.1745795	.0917056	.1949166	158.2154
#3	.0098876	.0155243	187.1914	.1770749	.0931226	.1930558	156.8999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.795654	113.8285	.2197858	-.007102	.8977373	.2514021	1.690032
Stddev	.014839	.6669	.0017138	.000172	.0806456	.0035581	.020180
%RSD	.8264044	.5858639	.7797526	2.424918	8.983211	1.415301	1.194071

#1	1.794840	114.0173	.2180835	-.006976	.9488707	.2508514	1.667329
#2	1.810884	114.3807	.2197629	-.007298	.8047707	.2552035	1.705930
#3	1.781239	113.0876	.2215109	-.007032	.9395706	.2481515	1.696836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.713925	4.614818	-.034698	-.000378	4.079417	2.714339	.0073973
Stddev	.032121	.054185	.001465	.000364	.037657	.013151	.0025064
%RSD	.3306705	1.174145	4.222908	96.15858	.9231014	.4845133	33.88239

#1	9.701046	4.574187	-.035496	-.000556	4.040112	2.701595	.0053733
#2	9.750487	4.593928	-.033007	.000040	4.082965	2.727863	.0102007
#3	9.690243	4.676338	-.035592	-.000620	4.115176	2.713559	.0066177

Sample Name: I2552-22 Acquired: 4/7/2017 19:33:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9YW1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6128529	.0777944	.1485825
Stddev	.0041751	.0005210	.0002641
%RSD	.6812567	.6697264	.1777539

#1	.6080680	.0773223	.1488097
#2	.6157550	.0783534	.1486452
#3	.6147357	.0777075	.1482927

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.299	2396.128	43145.94	6416.453	3214.083
Stddev	13.097	20.368	98.06	27.238	34.320
%RSD	.9227867	.8500524	.2272847	.4244969	1.067791

#1	1433.387	2419.617	43258.53	6419.876	3251.108
#2	1407.491	2385.421	43100.08	6387.666	3207.807
#3	1417.020	2383.348	43079.21	6441.818	3183.334

Sample Name: CCV038 Acquired: 4/7/2017 19:37:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.252271	F 4.425901	22.94560	F 5.589809	F 5.593126	399.7956
Stddev	.088322	.062060	.30903	.089268	.092709	2.0824
%RSD	1.681595	1.402207	1.346787	1.596976	1.657552	.5208641

#1	5.165806	4.354978	22.59185	5.495016	5.488242	400.7679
#2	5.342339	4.452472	23.16303	5.672269	5.664127	397.4049
#3	5.248666	4.470251	23.08191	5.602141	5.627009	401.2141

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13877	.4925757	2.456123	409.0527	14.44642	2.415380
Stddev	.07185	.0003864	.031803	1.9290	.06404	.035167
%RSD	.7086994	.0784547	1.294848	.4715656	.4433136	1.455973

#1	10.18154	.4921496	2.420812	409.5215	14.52036	2.376258
#2	10.05581	.4929035	2.482511	406.9325	14.41078	2.444367
#3	10.17894	.4926740	2.465048	410.7040	14.40813	2.425514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.47069	391.7496	F 13.45084	390.5393	2.523066	1.241337
Stddev	.08890	1.4638	.05740	1.5309	.034824	.003045
%RSD	.5746246	.3736610	.4267334	.3919861	1.380209	.2453211

#1	15.48743	391.8473	13.48687	391.0985	2.483942	1.238210
#2	15.37461	390.2394	13.38465	388.8074	2.550669	1.241507
#3	15.55002	393.1621	13.48100	391.7119	2.534587	1.244293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.5750	2.371822	14.12982	157.3872	4.893486	4.716360
Stddev	2.7351	.011337	.10406	.6330	.063535	.011048
%RSD	.6949421	.4779832	.7364748	.4022103	1.298365	.2342566

#1	395.2508	2.371242	14.06569	157.3378	4.822239	4.706096
#2	390.4188	2.360786	14.07388	156.7803	4.944262	4.714931
#3	395.0555	2.383437	14.24989	158.0435	4.913958	4.728054

Sample Name: CCV038 Acquired: 4/7/2017 19:37:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.399563	5.023082	4.612256	4.941148	4.709545	5.273834
Stddev	.082337	.070856	.004305	.068994	.025180	.041886
%RSD	1.524890	1.410600	.0933371	1.396312	.5346500	.7942208

#1	5.309032	4.942395	4.608597	4.863486	4.729269	5.291562
#2	5.469979	5.075161	4.611171	4.995361	4.681183	5.225999
#3	5.419678	5.051689	4.617000	4.964597	4.718182	5.303941

Elem	Sr4077
Units	ppm
Avg	5.102233
Stddev	.041365
%RSD	.8107195

#1	5.097310
#2	5.145839
#3	5.063550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1037.975	1752.899	32772.01	5038.168	2711.215
Stddev	4.848	23.925	30.84	9.155	33.527
%RSD	.4671035	1.364909	.0941169	.1817156	1.236594

#1	1042.696	1779.270	32796.59	5044.918	2748.980
#2	1038.222	1732.583	32782.03	5041.838	2684.960
#3	1033.009	1746.843	32737.40	5027.747	2699.703

Sample Name: CCB038 Acquired: 4/7/2017 19:40:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026316	.0015061	.0001010	.0027723	-.000745	.0124745	-.000809
Stddev	.0018667	.0014001	.0002384	.0009851	.001131	.0044712	.000133
%RSD	70.93342	92.95948	235.9203	35.53255	151.7809	35.84279	16.46295

#1	.0036259	.0004201	.0001202	.0032739	-.000848	.0168243	-.000962
#2	.0004782	.0030863	.0003293	.0016374	.000434	.0127084	-.000725
#3	.0037907	.0010120	-.000146	.0034055	-.001821	.0078910	-.000740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000638	.0000998	.0138370	-.000311	.0000830	.0027942	.0082415
Stddev	.0001097	.0001079	.0073496	.000257	.0001505	.0008333	.0148665
%RSD	171.9068	108.1450	53.11558	82.62859	181.2347	29.82037	180.3861

#1	.0001857	.0001963	.0056044	-.000595	.0002477	.0037457	.0057978
#2	-.000027	-.000017	.0161685	-.000246	.0000487	.0021949	.0241785
#3	.000032	.000120	.0197380	-.000093	-.000047	.0024421	-.005252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008546	.0041249	-.000062	.0005881	-.155577	.0013373	-.004080
Stddev	.0003649	.0374160	.000211	.0000850	.019654	.0021473	.004509
%RSD	42.69457	907.0704	341.4734	14.44791	12.63285	160.5732	110.5133

#1	.0004571	-.037650	-.000224	.0005811	-.175608	.0011639	.000576
#2	.0011742	.015469	.000177	.0006763	-.154801	.0035660	-.008427
#3	.0009325	.034556	-.000139	.0005068	-.136323	-.000718	-.004391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370364	-.001048	.0028049	.0003697	-.005827	-.000059	-.000041
Stddev	.0204328	.000381	.0010409	.0002043	.000803	.001184	.000696
%RSD	55.16952	36.30849	37.10904	55.26626	13.77467	2013.051	1681.989

#1	.0265617	-.000955	.0032668	.0005227	-.005904	.001024	.000589
#2	.0239651	-.001467	.0035349	.0004486	-.006588	.000123	.000076
#3	.0605825	-.000723	.0016130	.0001377	-.004989	-.001324	-.000789

Sample Name: CCB038 Acquired: 4/7/2017 19:40:59 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v868) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000834	-.000942	-.000038
Stddev	.000485	.000784	.000031
%RSD	58.20860	83.22060	80.79837

#1	-.001392	-.000207	-.000003
#2	-.000591	-.001766	-.000050
#3	-.000517	-.000852	-.000061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.618	2229.758	39282.33	5342.946	4056.235
Stddev	.783	9.966	163.26	48.120	10.667
%RSD	.0592684	.4469359	.4155959	.9006301	.2629881

#1	1319.773	2220.420	39416.38	5294.457	4048.955
#2	1320.764	2240.251	39330.10	5390.688	4068.480
#3	1321.317	2228.604	39100.52	5343.693	4051.271