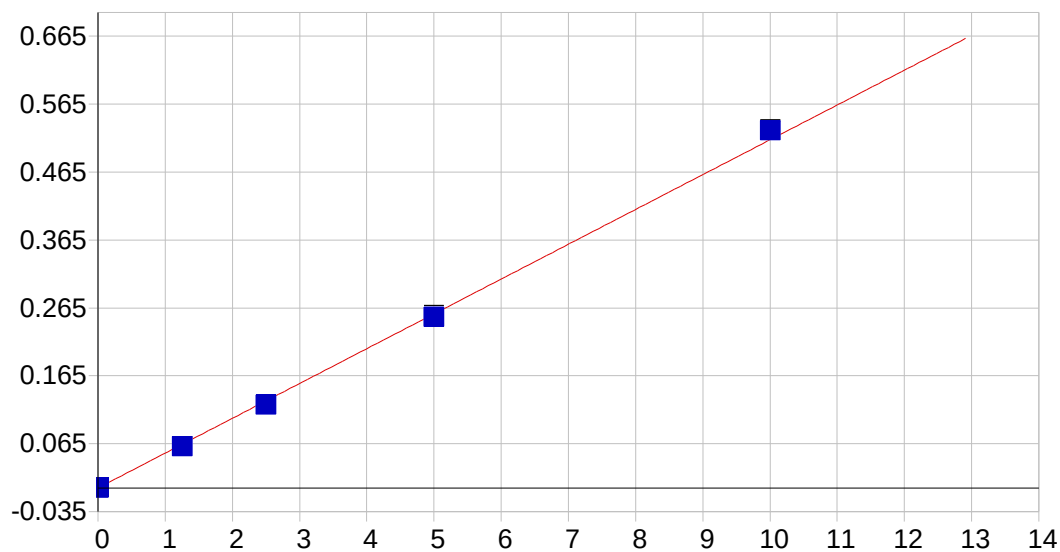




As 189.042 {479}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000188

Re-Slope: 1.000000

A1 (Gain): 0.051269

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999530

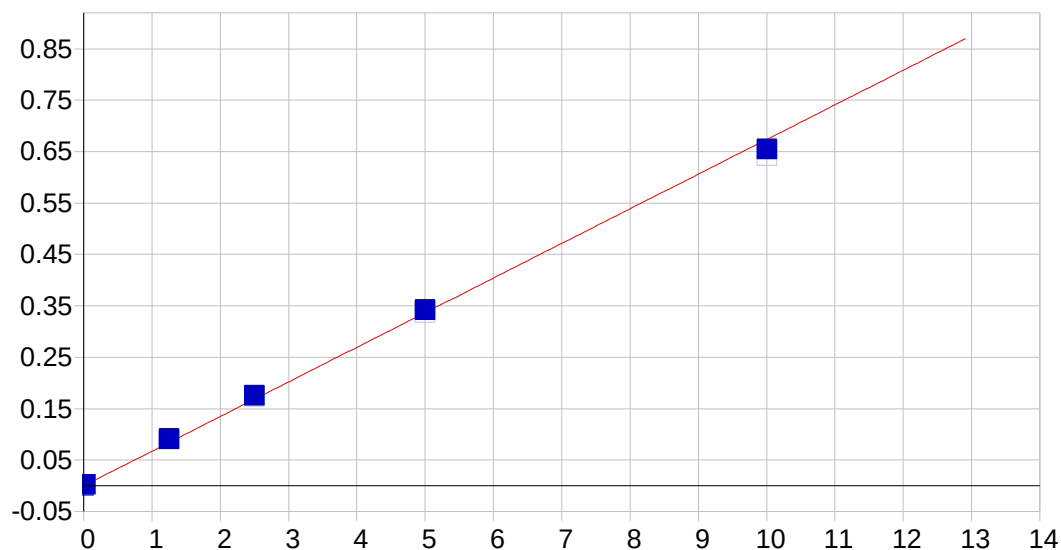
Status: OK.

Std Error of Est: 0.000026

Predicted MDL: 0.003337

Predicted MQL: 0.011124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00724	-.003	-27.6	.00018	.000	1
S2	1.2500	1.1883	-.062	-4.94	.06072	.000	1
S3	2.5000	2.3871	-.113	-4.51	.12216	.001	1
S4	5.0000	4.9103	-.090	-1.79	.25149	.003	1
S5	10.000	10.267	.267	2.67	.52605	.001	1



TI 190.856 {477}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000076

Re-Slope: 1.000000

A1 (Gain): 0.067370

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999364

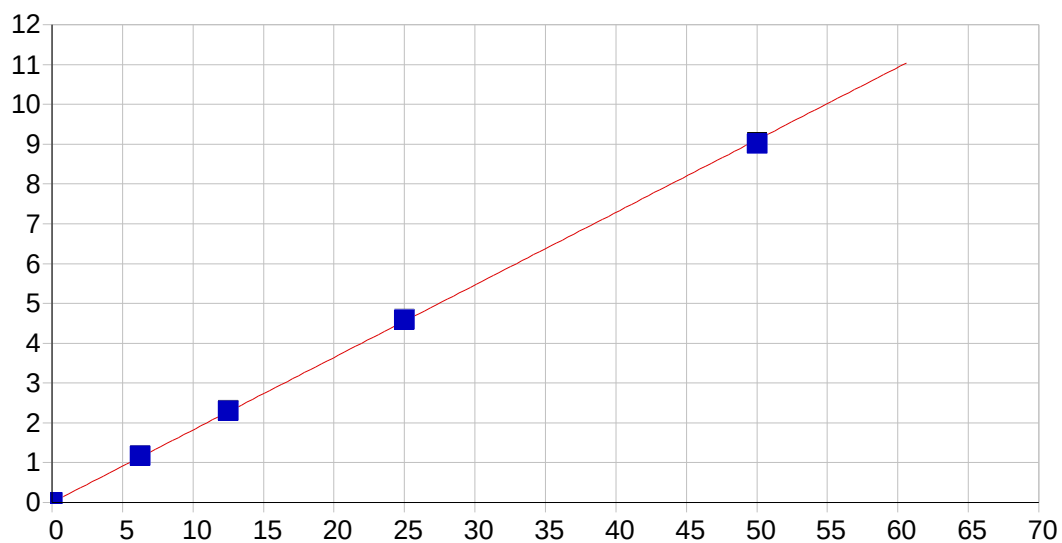
Status: OK.

Std Error of Est: 0.000063

Predicted MDL: 0.001857

Predicted MQL: 0.006188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.02500	.02946	.004	17.9	.00177	.000	1
S2	1.2500	1.3499	.100	7.99	.08934	.001	1
S3	2.5000	2.6081	.108	4.33	.17257	.001	1
S4	5.0000	5.0775	.077	1.55	.33587	.000	1
S5	10.000	9.7103	-.290	-2.90	.64186	.001	1



Pb 220.353 {453}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000053

Re-Slope: 1.000000

A1 (Gain): 0.182138

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999930

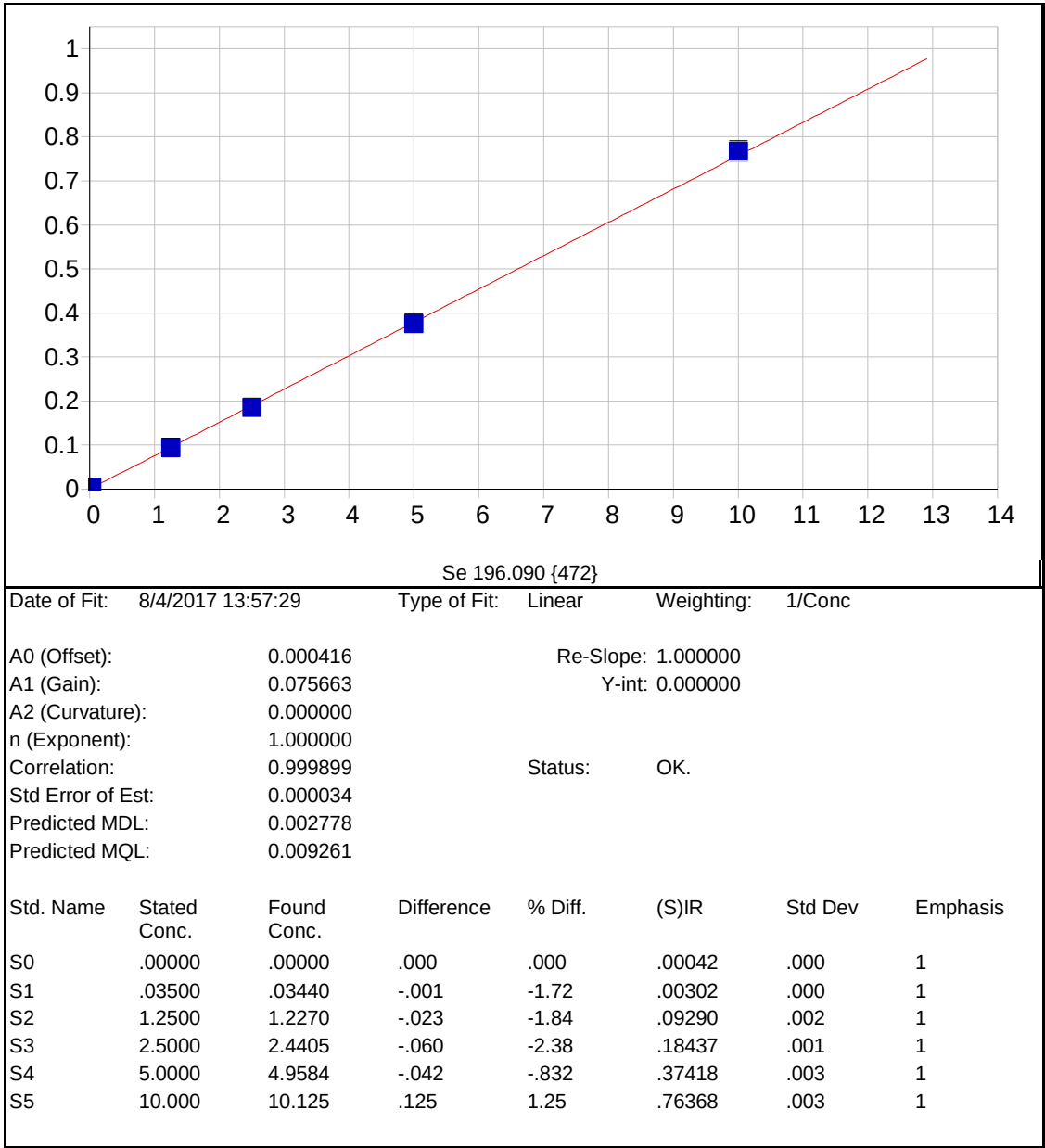
Status: OK.

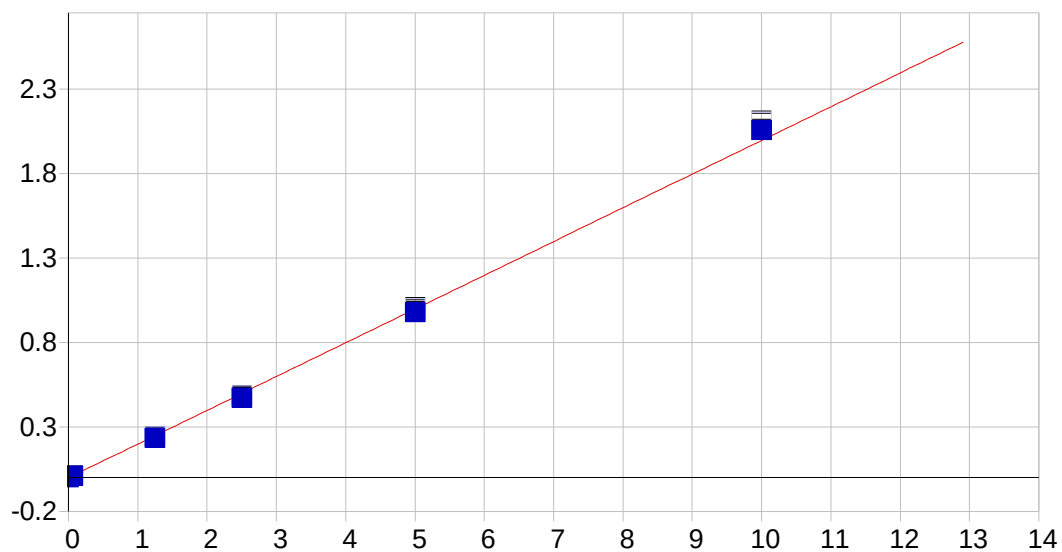
Std Error of Est: 0.000081

Predicted MDL: 0.001411

Predicted MQL: 0.004703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01190	.002	19.0	.00222	.000	1
S2	6.2500	6.3946	.145	2.31	1.1651	.007	1
S3	12.500	12.657	.157	1.26	2.3061	.013	1
S4	25.000	25.219	.219	.876	4.5947	.005	1
S5	50.000	49.477	-.523	-1.05	9.0144	.029	1





Sb 206.833 {463}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000321

Re-Slope: 1.000000

A1 (Gain): 0.199577

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999415

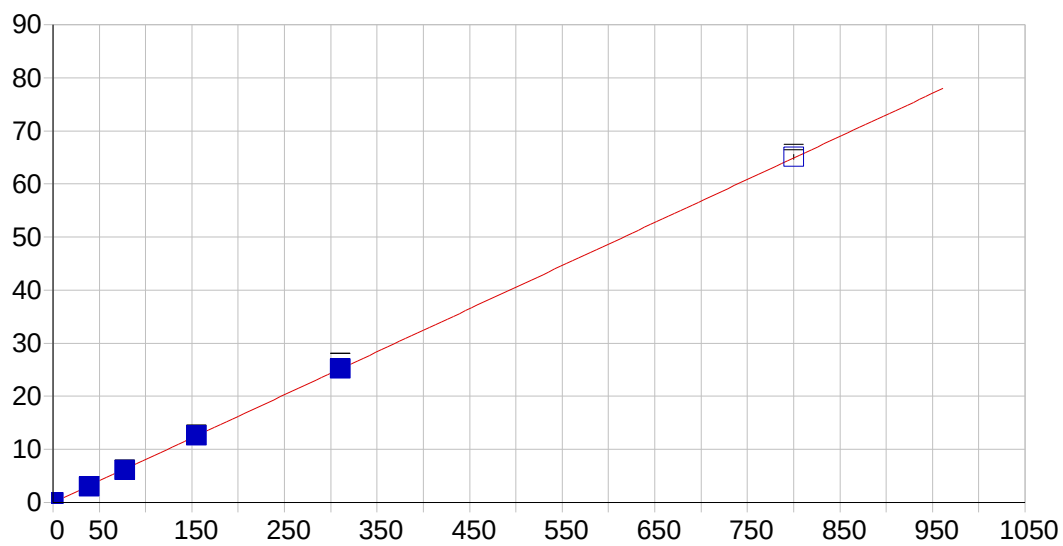
Status: OK.

Std Error of Est: 0.000288

Predicted MDL: 0.001291

Predicted MQL: 0.004303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.06000	.06263	.003	4.38	.01217	.000	1
S2	1.2500	1.1738	-.076	-6.09	.23994	.002	1
S3	2.5000	2.3688	-.131	-5.25	.48443	.002	1
S4	5.0000	4.8985	-.101	-2.03	1.0013	.007	1
S5	10.000	10.306	.306	3.06	2.1045	.006	1



AI 396.152 { 85}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000447

Re-Slope: 1.000000

A1 (Gain): 0.081115

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999941

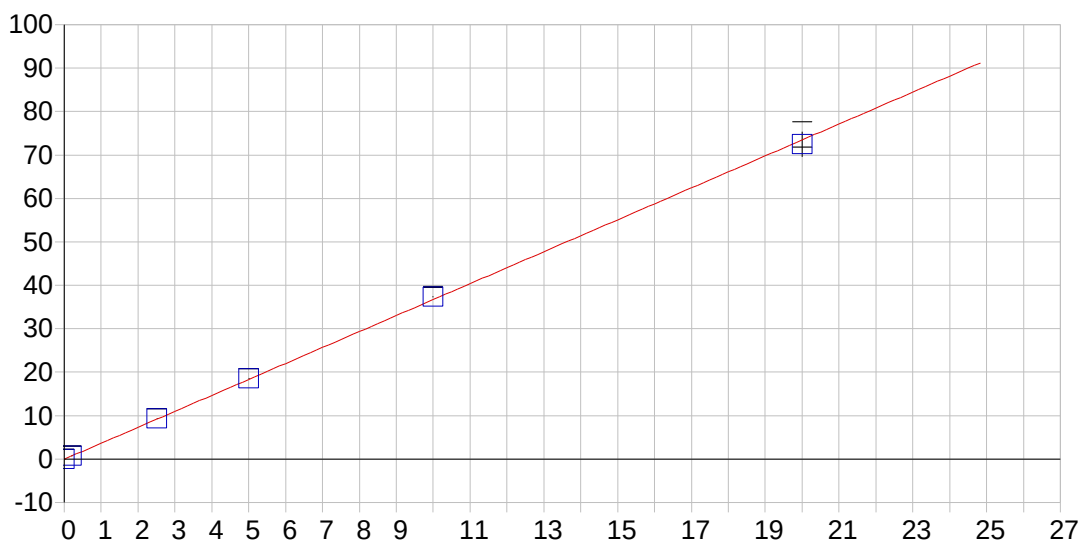
Status: OK.

Std Error of Est: 0.000547

Predicted MDL: 0.004672

Predicted MQL: 0.015573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00045	.000	1
S1	.20000	.20693	.007	3.47	.01726	.000	1
S2	38.750	37.157	-1.59	-4.11	3.0182	.006	1
S3	77.500	74.980	-2.52	-3.25	6.0900	.002	1
S4	155.00	155.82	.822	.530	12.655	.029	1
S5	310.00	310.41	.408	.132	25.209	1.04	1
S6	800.00	802.88	2.88	.360	65.126	.494	1



Ba 493.409 { 68}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.045341

Re-Slope: 1.000000

A1 (Gain): 3.675212

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999889

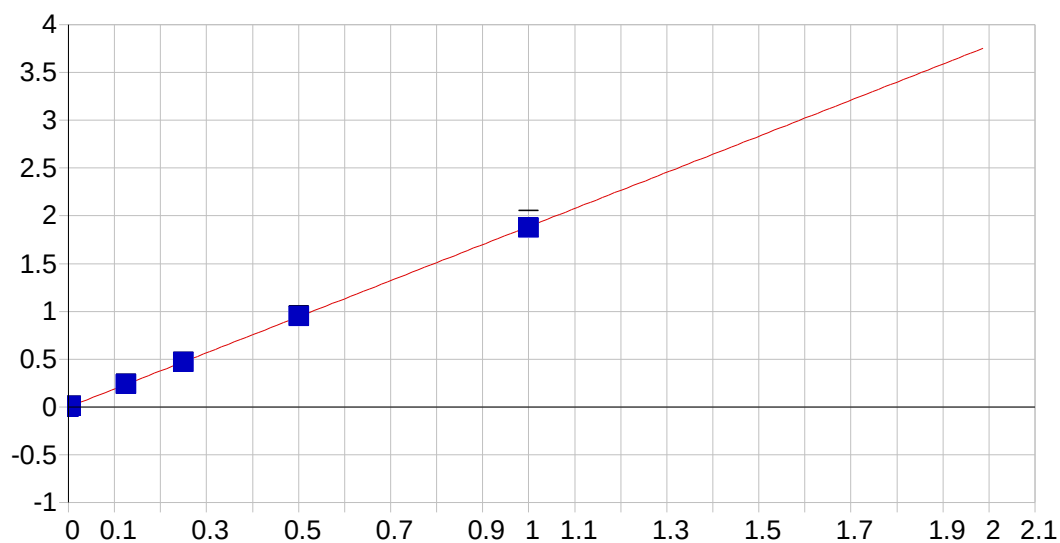
Status: OK.

Std Error of Est: 0.005811

Predicted MDL: 0.000313

Predicted MQL: 0.001044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.04538	.001	1
S1	.20000	.20329	.003	1.65	.70180	.001	1
S2	2.5000	2.5501	.050	2.00	9.3268	.017	1
S3	5.0000	5.0543	.054	1.09	18.530	.012	1
S4	10.000	10.169	.169	1.69	37.329	.151	1
S5	20.000	19.723	-.277	-1.38	72.441	2.93	1



Be 234.861 {144}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000645

Re-Slope: 1.000000

A1 (Gain): 1.888734

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999892

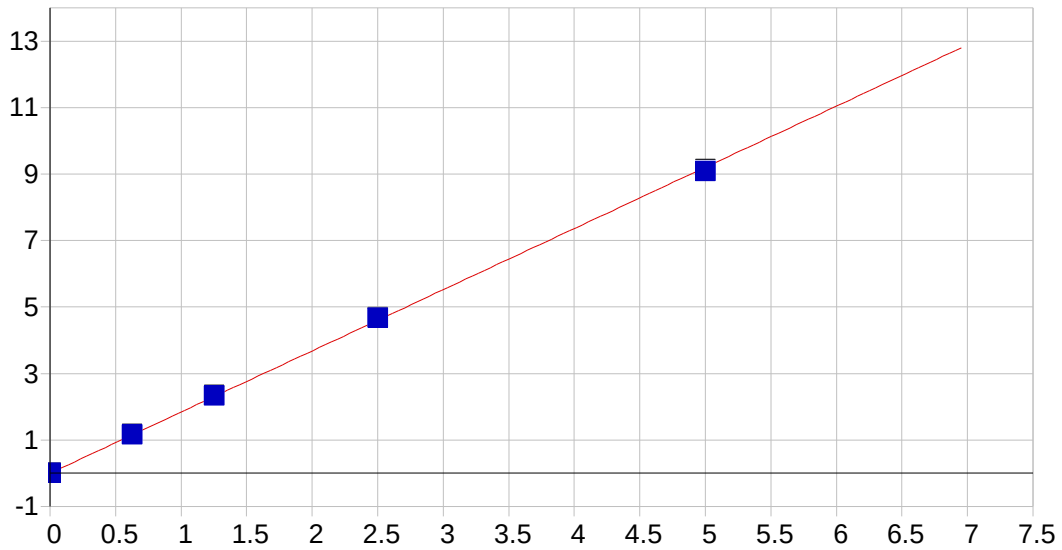
Status: OK.

Std Error of Est: 0.000104

Predicted MDL: 0.000092

Predicted MQL: 0.000306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00065	.000	1
S1	.00500	.00626	.001	25.1	.01116	.000	1
S2	.12500	.12655	.002	1.24	.23758	.001	1
S3	.25000	.24832	-.002	-.670	.46679	.002	1
S4	.50000	.50390	.004	.781	.94792	.004	1
S5	1.0000	.99496	-.005	-.504	1.8722	.077	1



Cd 214.438 {457}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000347

Re-Slope: 1.000000

A1 (Gain): 1.840686

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

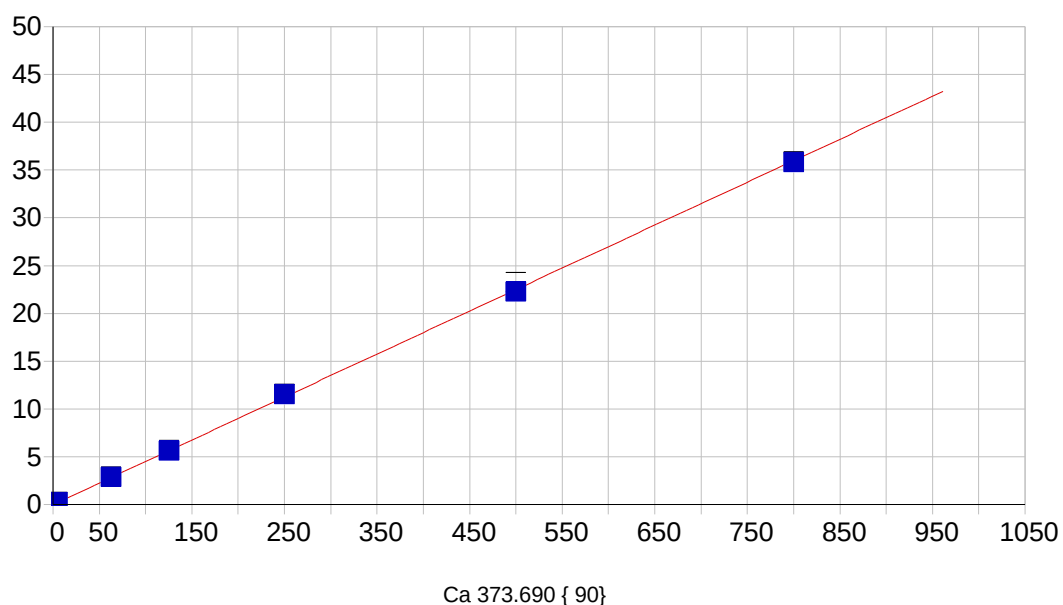
Status: OK.

Std Error of Est: 0.000211

Predicted MDL: 0.000099

Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.00500	.00565	.001	12.9	.01005	.000	1
S2	.62500	.63510	.010	1.62	1.1714	.005	1
S3	1.2500	1.2650	.015	1.20	2.3334	.017	1
S4	2.5000	2.5370	.037	1.48	4.6804	.013	1
S5	5.0000	4.9373	-.063	-1.25	9.1092	.039	1



Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000728

Re-Slope: 1.000000

A1 (Gain): 0.044971

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999919

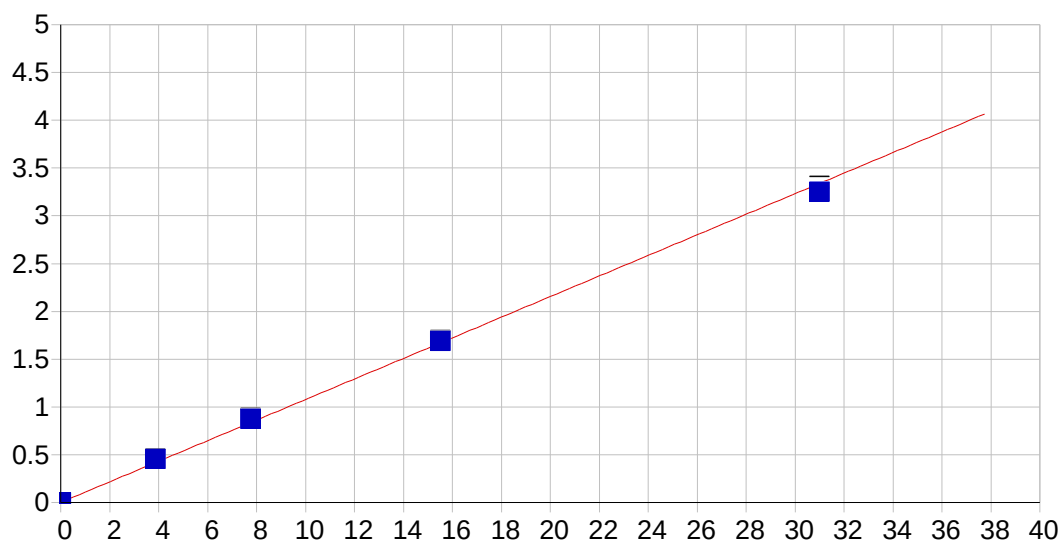
Status: OK.

Std Error of Est: 0.001993

Predicted MDL: 0.008133

Predicted MQL: 0.027109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	.00070	.000	1
S1	5.0000	5.5551	.555	11.1	.25054	.000	1
S2	62.500	63.323	.823	1.32	2.8450	.003	1
S3	125.00	125.64	.641	.513	5.6441	.004	1
S4	250.00	256.10	6.10	2.44	11.504	.023	1
S5	500.00	495.55	-4.45	-.889	22.259	.977	1
S6	800.00	796.32	-3.68	-.459	35.740	.054	1

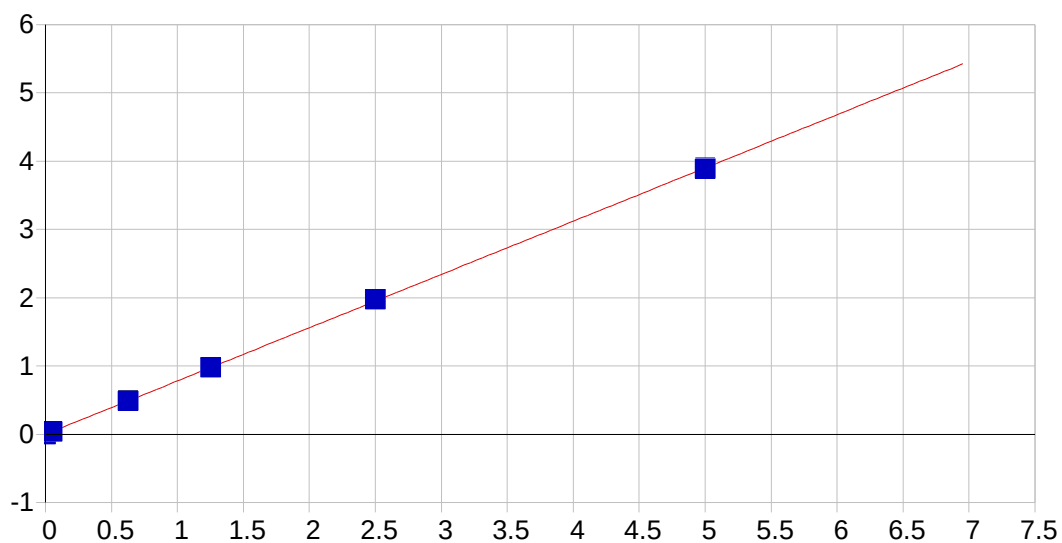


Cr 267.716 {126}

Date of Fit: 8/4/2017 13:57:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.107710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999411 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.000573
 Predicted MQL: 0.001909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.01270	.003	27.0	.00148	.000	1
S2	3.8750	4.1926	.318	8.20	.45276	.002	1
S3	7.7500	8.1094	.359	4.64	.87572	.006	1
S4	15.500	15.674	.174	1.12	1.6926	.007	1
S5	31.000	30.147	-.853	-2.75	3.2558	.059	1



Co 228.616 {448}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000285

Re-Slope: 1.000000

A1 (Gain): 0.780356

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

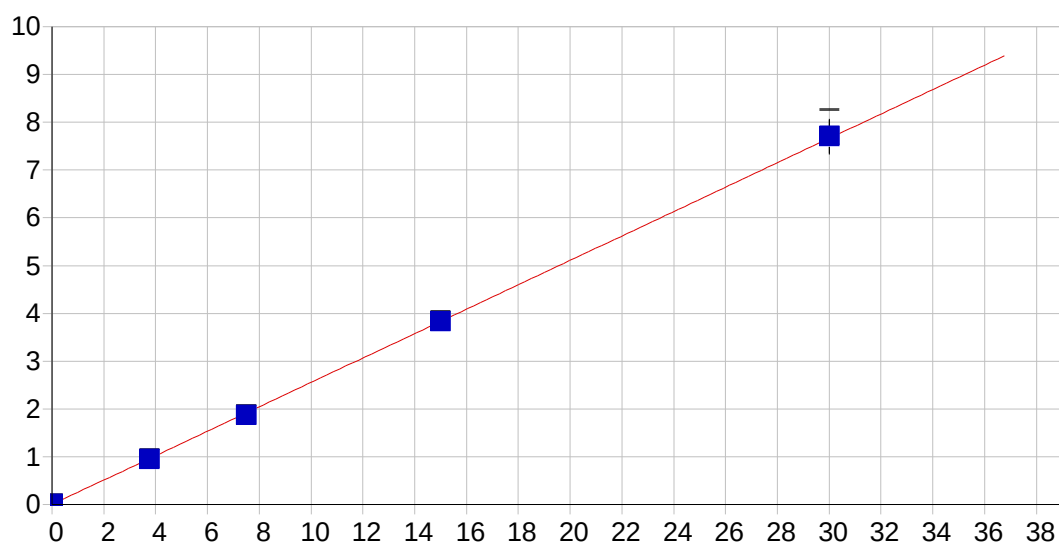
Status: OK.

Std Error of Est: 0.000128

Predicted MDL: 0.000232

Predicted MQL: 0.000774

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.05000	.05048	.000	.963	.03925	.000	1
S2	.62500	.62370	-.001	-.209	.48744	.003	1
S3	1.2500	1.2484	-.002	-.125	.97598	.005	1
S4	2.5000	2.5249	.025	.997	1.9741	.002	1
S5	5.0000	4.9775	-.023	-.451	3.8920	.013	1



Cu 324.754 {104}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001068

Re-Slope: 1.000000

A1 (Gain): 0.255407

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999954

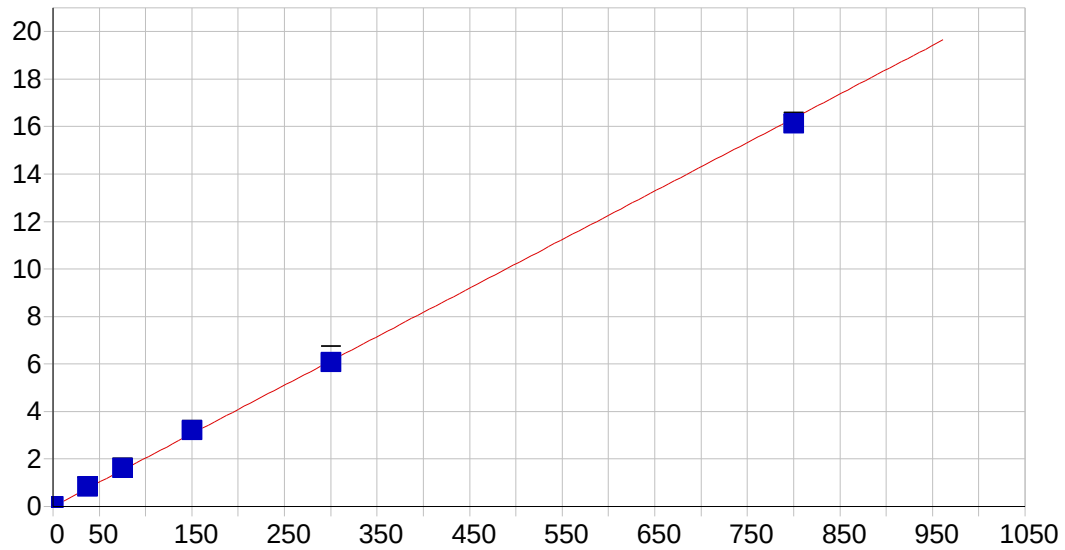
Status: OK.

Std Error of Est: 0.000112

Predicted MDL: 0.000994

Predicted MQL: 0.003314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00107	.000	1
S1	.02500	.02762	.003	10.5	.00808	.000	1
S2	3.7500	3.7090	-.041	-1.09	.94564	.001	1
S3	7.5000	7.3428	-.157	-2.10	1.8710	.003	1
S4	15.000	15.011	.011	.074	3.8241	.011	1
S5	30.000	30.184	.184	.615	7.6885	.361	1



Fe 259.837 {130}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000071

Re-Slope: 1.000000

A1 (Gain): 0.020436

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999659

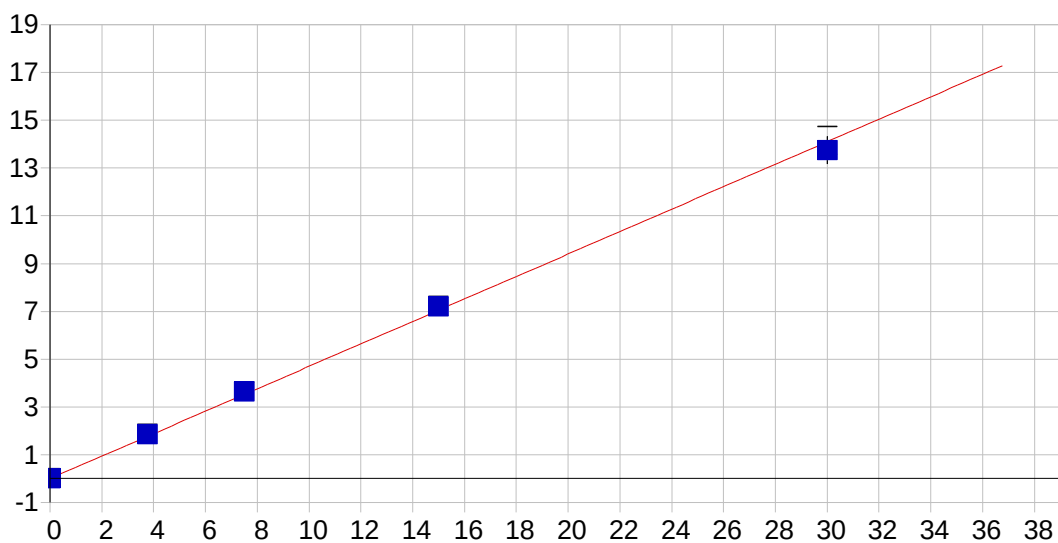
Status: OK.

Std Error of Est: 0.000233

Predicted MDL: 0.006132

Predicted MQL: 0.020439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00007	.000	1
S1	.10000	.12628	.026	26.3	.00266	.000	1
S2	37.500	40.424	2.92	7.80	.82710	.003	1
S3	75.000	79.029	4.03	5.37	1.6170	.001	1
S4	150.00	156.73	6.73	4.49	3.2068	.008	1
S5	300.00	297.41	-2.59	-.862	6.0855	.259	1
S6	800.00	788.86	-11.1	-1.39	16.130	.056	1



Mn 257.610 {131}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000017

Re-Slope: 1.000000

A1 (Gain): 0.470037

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

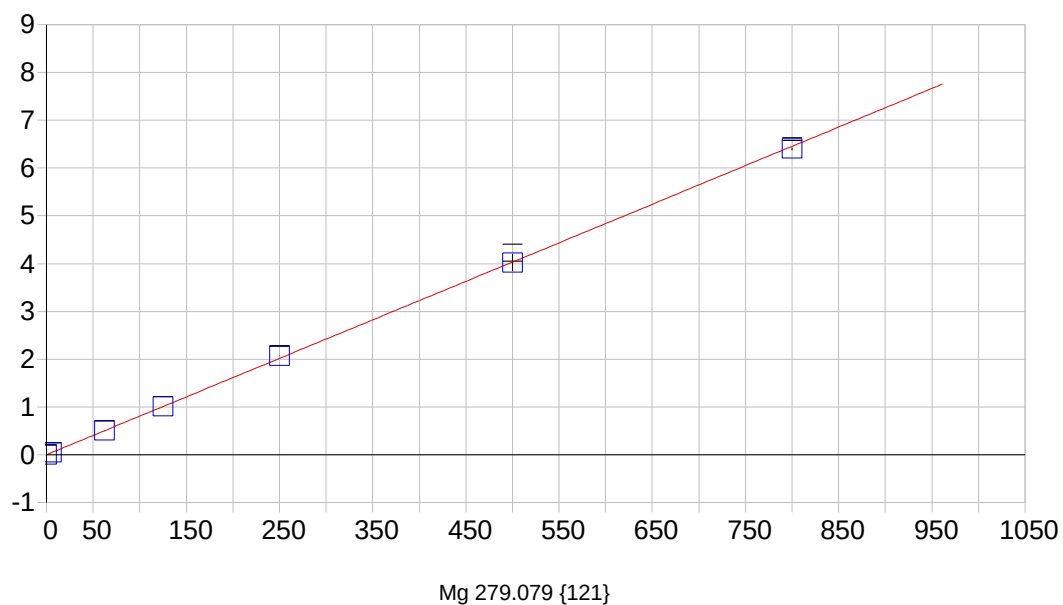
Status: OK.

Std Error of Est: 0.000476

Predicted MDL: 0.000305

Predicted MQL: 0.001018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01802	.003	20.1	.00849	.000	1
S2	3.7500	3.9541	.204	5.44	1.8590	.004	1
S3	7.5000	7.7260	.226	3.01	3.6323	.007	1
S4	15.000	15.334	.334	2.23	7.2092	.014	1
S5	30.000	29.233	-.767	-2.56	13.743	.584	1



Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000057

Re-Slope: 1.000000

A1 (Gain): 0.008066

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999926

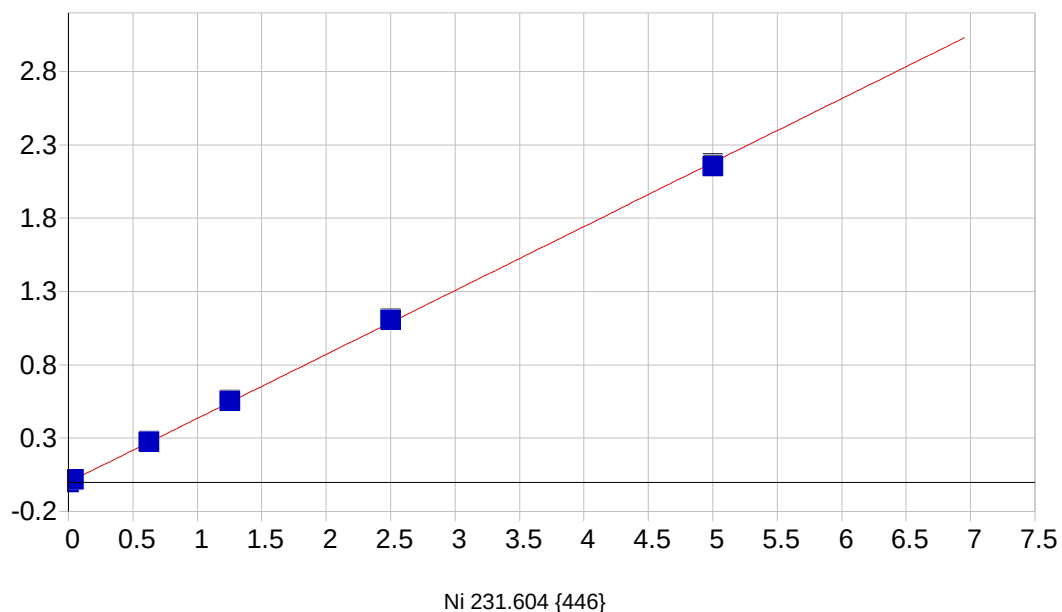
Status: OK.

Std Error of Est: 0.000343

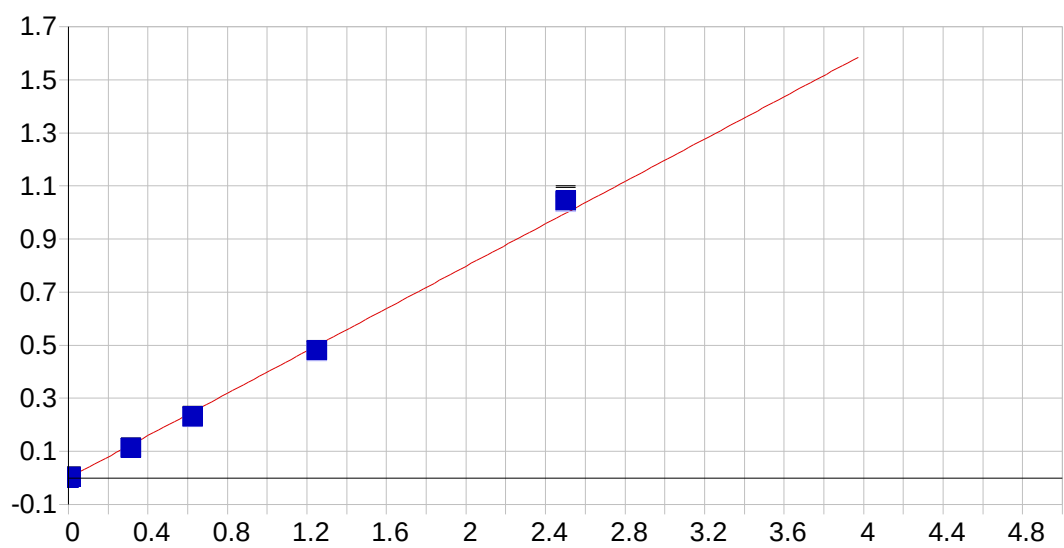
Predicted MDL: 0.018321

Predicted MQL: 0.061070

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00043	.000	.000	-.00006	.000	1
S1	5.0000	5.3185	.318	6.37	.04284	.000	1
S2	62.500	62.646	.146	.234	.50525	.001	1
S3	125.00	125.42	.424	.339	1.0116	.002	1
S4	250.00	256.77	6.77	2.71	2.0711	.006	1
S5	500.00	498.66	-1.34	-.268	4.0222	.176	1
S6	800.00	793.68	-6.32	-.790	6.4018	.026	1



Date of Fit:		8/4/2017 13:57:29		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		-0.000266		Re-Slope:		1.000000					
A1 (Gain):		0.435834		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999910		Status:		OK.					
Std Error of Est:		0.000139									
Predicted MDL:		0.000419									
Predicted MQL:		0.001395									
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis				
S0	.00000	.00000	.000	.000	-.00027	.000	1				
S1	.04000	.04190	.002	4.76	.01802	.000	1				
S2	.62500	.63514	.010	1.62	.27799	.001	1				
S3	1.2500	1.2657	.016	1.25	.55421	.004	1				
S4	2.5000	2.5346	.035	1.38	1.1101	.002	1				
S5	5.0000	4.9377	-.062	-1.25	2.1632	.007	1				



Ag 328.068 {103}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000201

Re-Slope: 1.000000

A1 (Gain): 0.398921

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998503

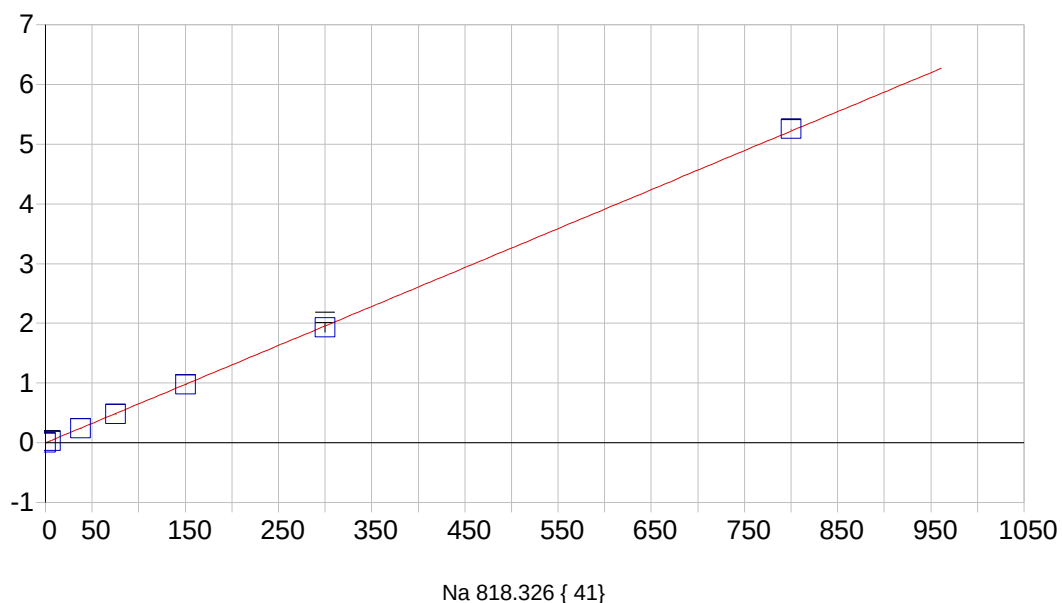
Status: OK.

Std Error of Est: 0.000182

Predicted MDL: 0.000288

Predicted MQL: 0.000960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.01019	.000	1.91	.00385	.000	1
S2	.31250	.28327	-.029	-9.35	.11195	.000	1
S3	.62500	.57808	-.047	-7.51	.22871	.002	1
S4	1.2500	1.2040	-.046	-3.68	.47669	.001	1
S5	2.5000	2.6220	.122	4.88	1.0390	.018	1



Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000725

Re-Slope: 1.000000

A1 (Gain): 0.006523

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999954

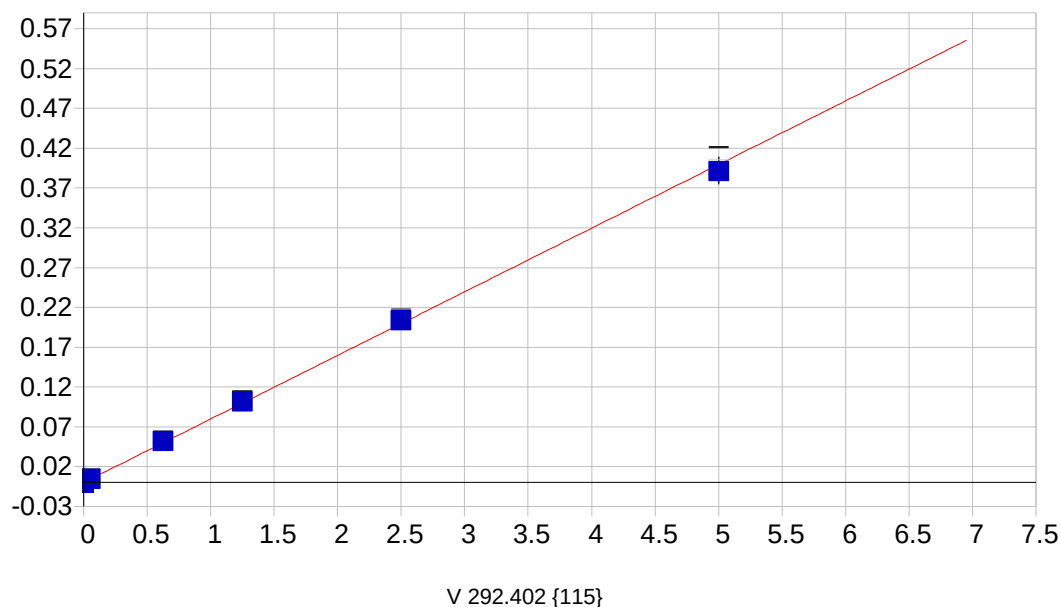
Status: OK.

Std Error of Est: 0.000193

Predicted MDL: 0.120197

Predicted MQL: 0.400656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00072	.000	1
S1	5.0000	5.1754	.175	3.51	.03303	.001	1
S2	37.500	37.101	-.399	-1.06	.24127	.001	1
S3	75.000	73.467	-1.53	-2.04	.47847	.001	1
S4	150.00	149.88	-.119	-.079	.97689	.002	1
S5	300.00	296.34	-3.66	-1.22	1.9322	.088	1
S6	800.00	805.53	5.53	.692	5.2535	.005	1



Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000066

Re-Slope: 1.000000

A1 (Gain): 0.079883

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999711

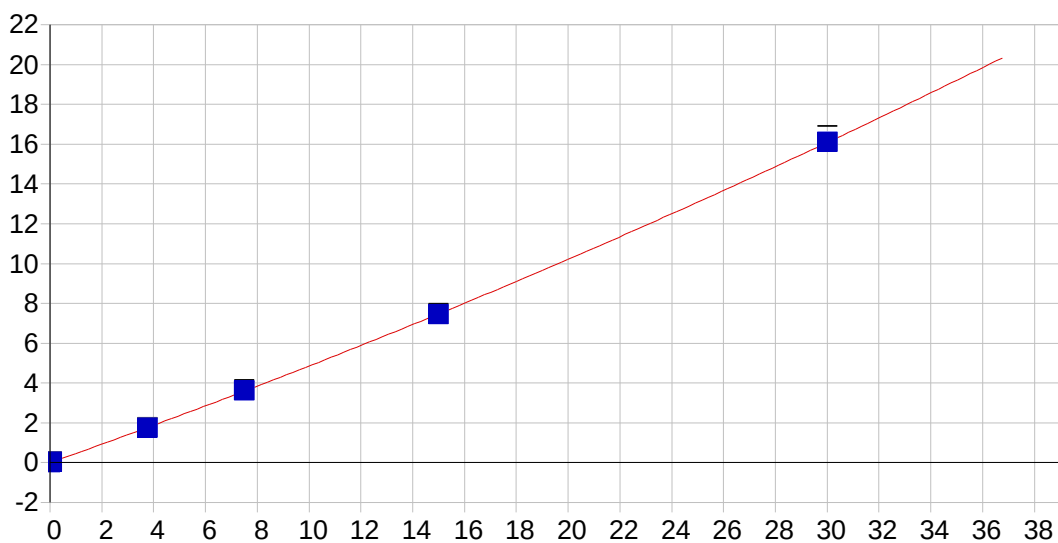
Status: OK.

Std Error of Est: 0.000051

Predicted MDL: 0.002048

Predicted MQL: 0.006827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00007	.000	1
S1	.05000	.05776	.008	15.5	.00456	.000	1
S2	.62500	.64761	.023	3.62	.05187	.000	1
S3	1.2500	1.2751	.025	2.01	.10221	.000	1
S4	2.5000	2.5469	.047	1.87	.20421	.001	1
S5	5.0000	4.8977	-.102	-2.05	.39283	.017	1



Zn 213.856 {158}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000791

Re-Slope: 1.000000

A1 (Gain): 0.460160

Y-int: 0.000000

A2 (Curvature): 0.002532

n (Exponent): 1.000000

Correlation: 0.999987

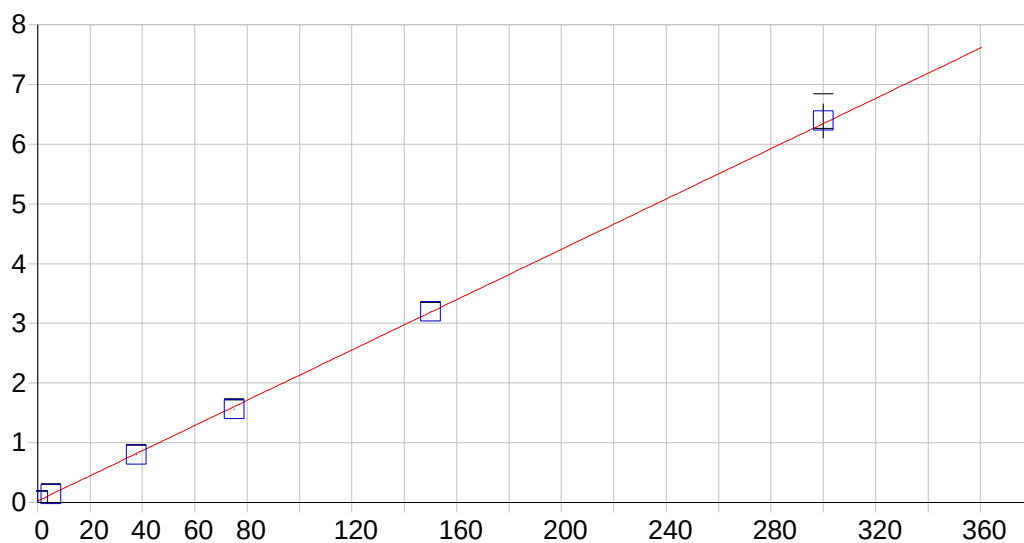
Status: Warning Positive Curvature

Std Error of Est: 0.000219

Predicted MDL: 0.002091

Predicted MQL: 0.006969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00079	.001	1
S1	.06000	.06663	.007	11.1	.02999	.002	1
S2	3.7500	3.7216	-.028	-.758	1.7509	.020	1
S3	7.5000	7.5636	.064	.848	3.6328	.035	1
S4	15.000	14.944	-.056	-.371	7.4581	.037	1
S5	30.000	30.014	.014	.047	16.125	.315	1



K 769.896 { 44}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.026254

Re-Slope: 1.000000

A1 (Gain): 0.021067

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999871

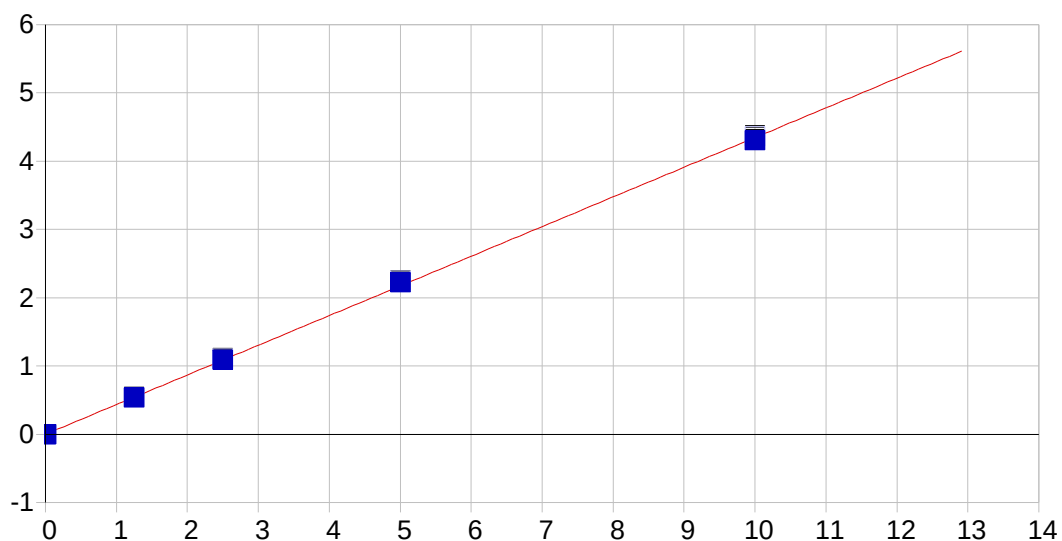
Status: OK.

Std Error of Est: 0.000697

Predicted MDL: 0.029869

Predicted MQL: 0.099565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	.000	.000	.02625	.000	1
S1	5.0000	5.5010	.501	10.0	.14214	.000	1
S2	37.500	36.626	-.874	-2.33	.79784	.002	1
S3	75.000	72.895	-2.11	-2.81	1.5619	.005	1
S4	150.00	150.30	.303	.202	3.1926	.009	1
S5	300.00	302.17	2.17	.725	6.3920	.288	1



P 177.495 {490}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000727

Re-Slope: 1.000000

A1 (Gain): 0.434695

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999716

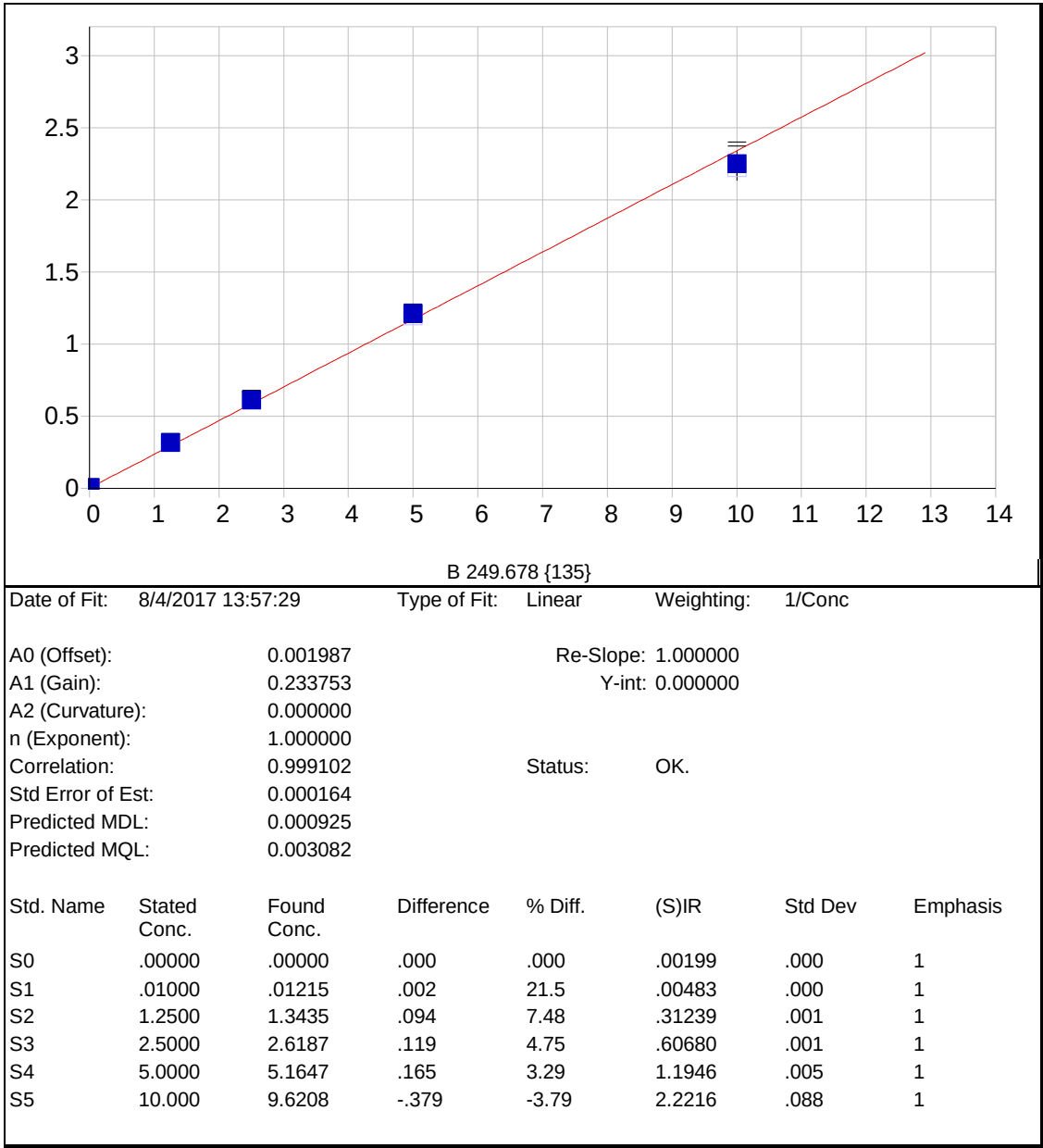
Status: OK.

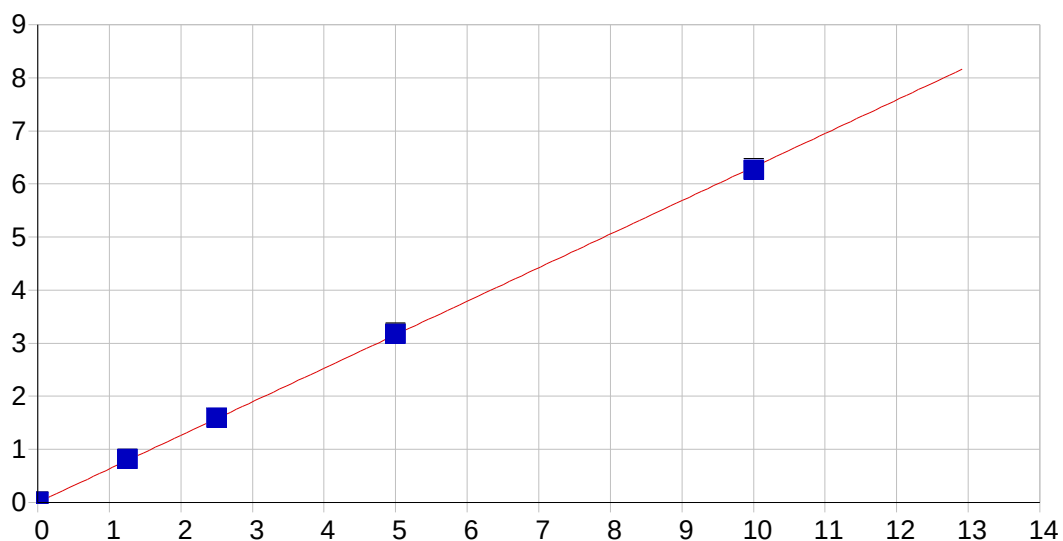
Std Error of Est: 0.000176

Predicted MDL: 0.000244

Predicted MQL: 0.000812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00072	.000	1
S1	.01000	.00133	-.009	-86.7	-.00006	.000	1
S2	1.2500	1.2307	-.019	-1.54	.54129	.005	1
S3	2.5000	2.5105	.010	.418	1.1046	.006	1
S4	5.0000	5.1067	.107	2.13	2.2472	.001	1
S5	10.000	9.9109	-.089	-.891	4.3637	.011	1



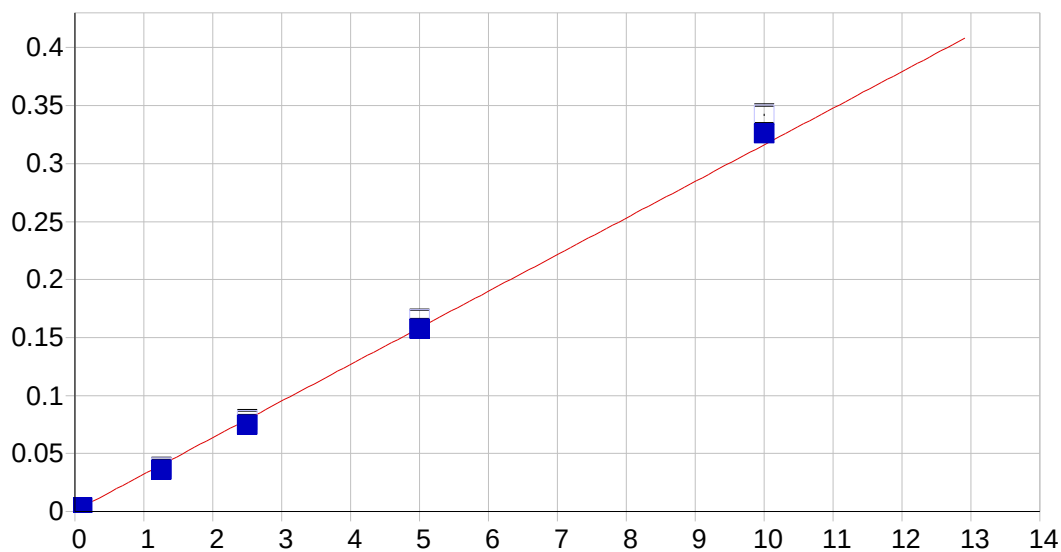


Mo 202.030 {467}

Date of Fit: 8/4/2017 13:57:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.631819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000327
 Predicted MQL: 0.001090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.01000	.01209	.002	20.9	.00790	.000	1
S2	1.2500	1.2877	.038	3.01	.81454	.006	1
S3	2.5000	2.5256	.026	1.02	1.5974	.008	1
S4	5.0000	5.0181	.018	.363	3.1737	.018	1
S5	10.000	9.9165	-.083	-.835	6.2714	.022	1



S 182.034 {485}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000556

Re-Slope: 1.000000

A1 (Gain): 0.031565

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999221

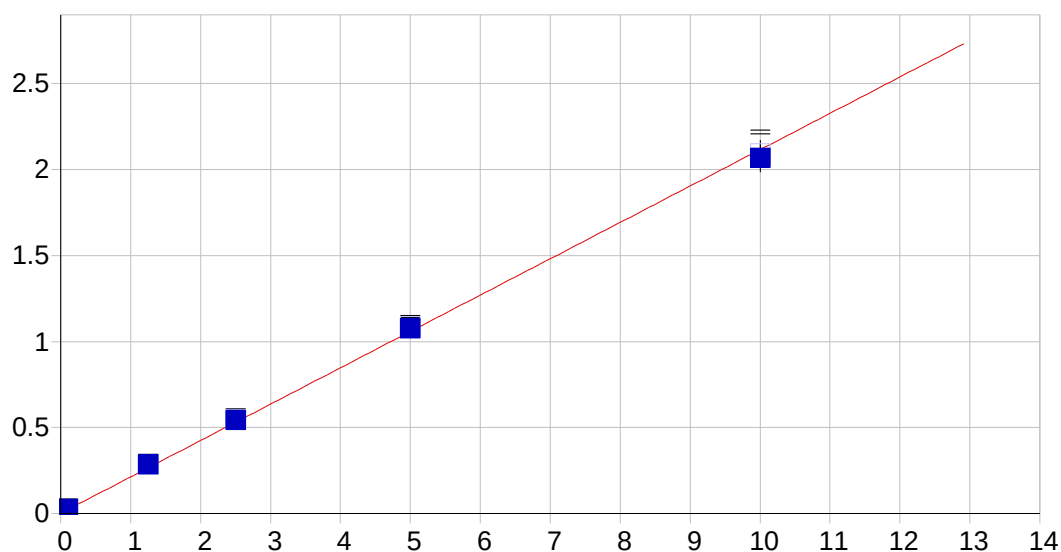
Status: OK.

Std Error of Est: 0.000070

Predicted MDL: 0.003557

Predicted MQL: 0.011858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00056	.000	1
S1	.10000	.08924	-.011	-10.8	.00338	.000	1
S2	1.2500	1.1237	-.126	-10.1	.03803	.000	1
S3	2.5000	2.3504	-.150	-5.98	.07876	.001	1
S4	5.0000	4.9783	-.022	-.434	.16572	.000	1
S5	10.000	10.308	.308	3.08	.34197	.001	1



Si 251.611 {134}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001622

Re-Slope: 1.000000

A1 (Gain): 0.211420

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999579

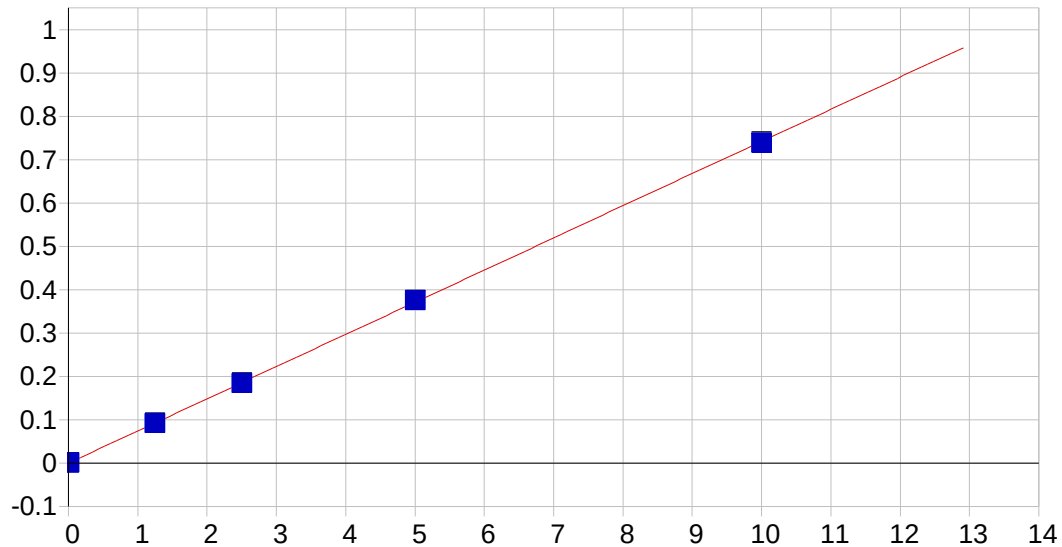
Status: OK.

Std Error of Est: 0.000330

Predicted MDL: 0.001039

Predicted MQL: 0.003463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00162	.000	1
S1	.10000	.11807	.018	18.1	.02666	.000	1
S2	1.2500	1.3298	.080	6.39	.28589	.002	1
S3	2.5000	2.5597	.060	2.39	.54901	.002	1
S4	5.0000	5.0739	.074	1.48	1.0868	.006	1
S5	10.000	9.7687	-.231	-2.31	2.0918	.082	1



Sn 189.989 {478}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000058

Re-Slope: 1.000000

A1 (Gain): 0.074193

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999977

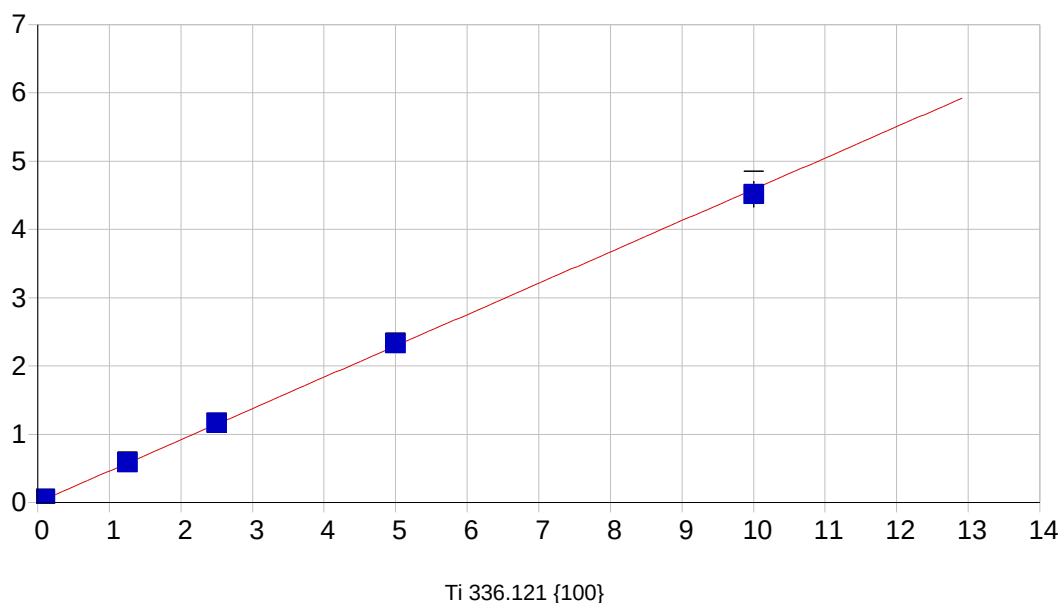
Status: OK.

Std Error of Est: 0.000007

Predicted MDL: 0.001308

Predicted MQL: 0.004359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.00700	.00735	.000	5.00	.00060	.000	1
S2	1.2500	1.2416	-.008	-.674	.09210	.000	1
S3	2.5000	2.4907	-.009	-.371	.18471	.001	1
S4	5.0000	5.0550	.055	1.10	.37482	.001	1
S5	10.000	9.9623	-.038	-.377	.73861	.002	1



Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000822

Re-Slope: 1.000000

A1 (Gain): 0.458715

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999834

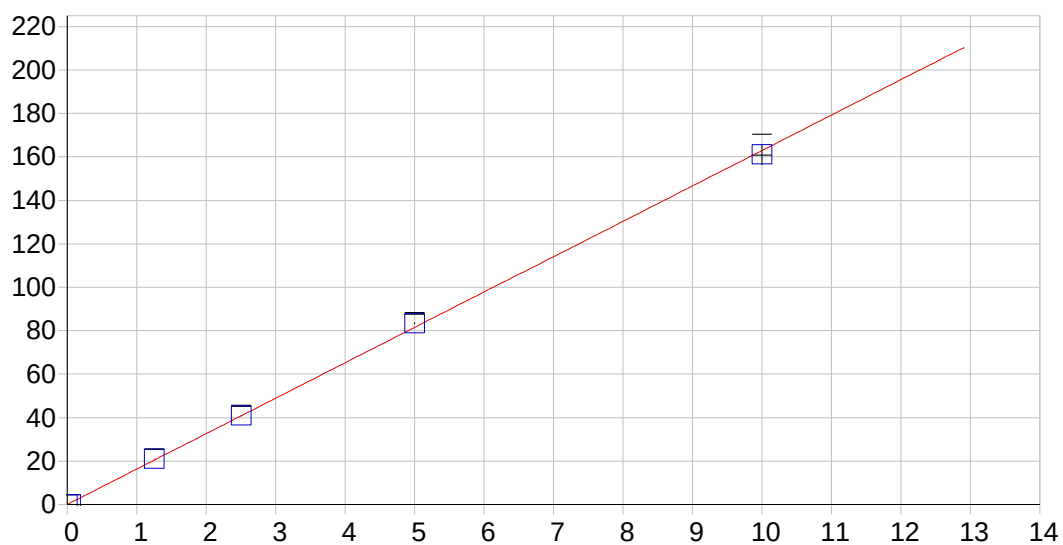
Status: OK.

Std Error of Est: 0.000444

Predicted MDL: 0.000608

Predicted MQL: 0.002027

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00082	.000	1
S1	.10000	.11052	.011	10.5	.05151	.000	1
S2	1.2500	1.2859	.036	2.87	.59048	.001	1
S3	2.5000	2.5309	.031	1.24	1.1614	.002	1
S4	5.0000	5.0795	.080	1.59	2.3301	.004	1
S5	10.000	9.8432	-.157	-1.57	4.5145	.195	1



Li 670.784 { 50}

Date of Fit: 8/4/2017 13:57:29

Type of Fit: Linear

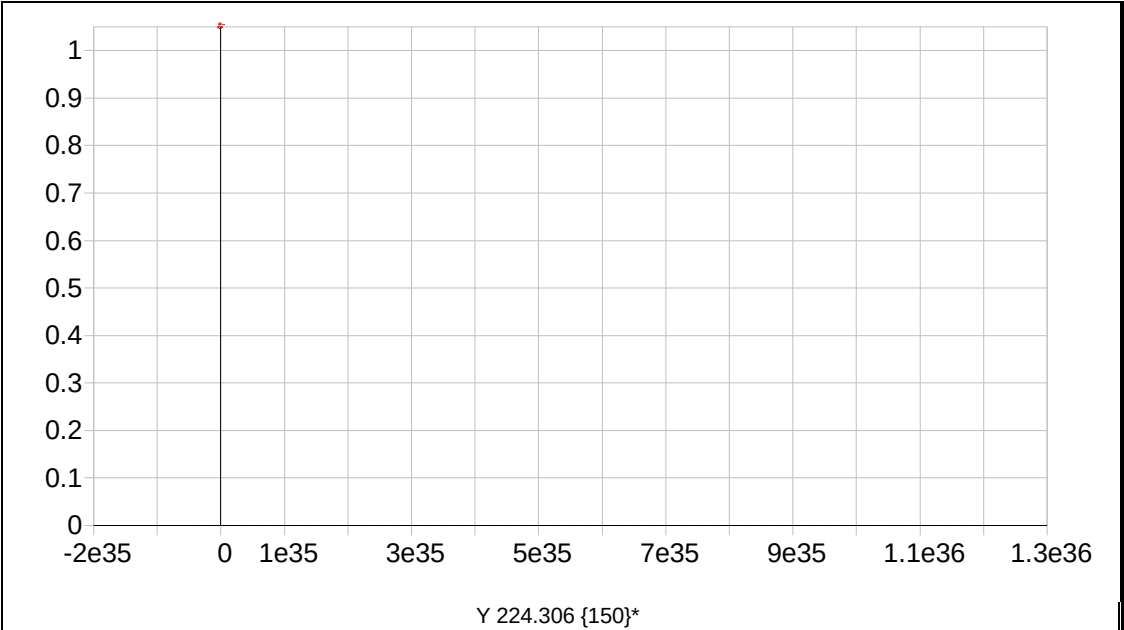
Weighting: 1/Conc

A0 (Offset): 0.009812
 A1 (Gain): 16.297523
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998810
 Std Error of Est: 0.029863
 Predicted MDL: 0.000052
 Predicted MQL: 0.000173

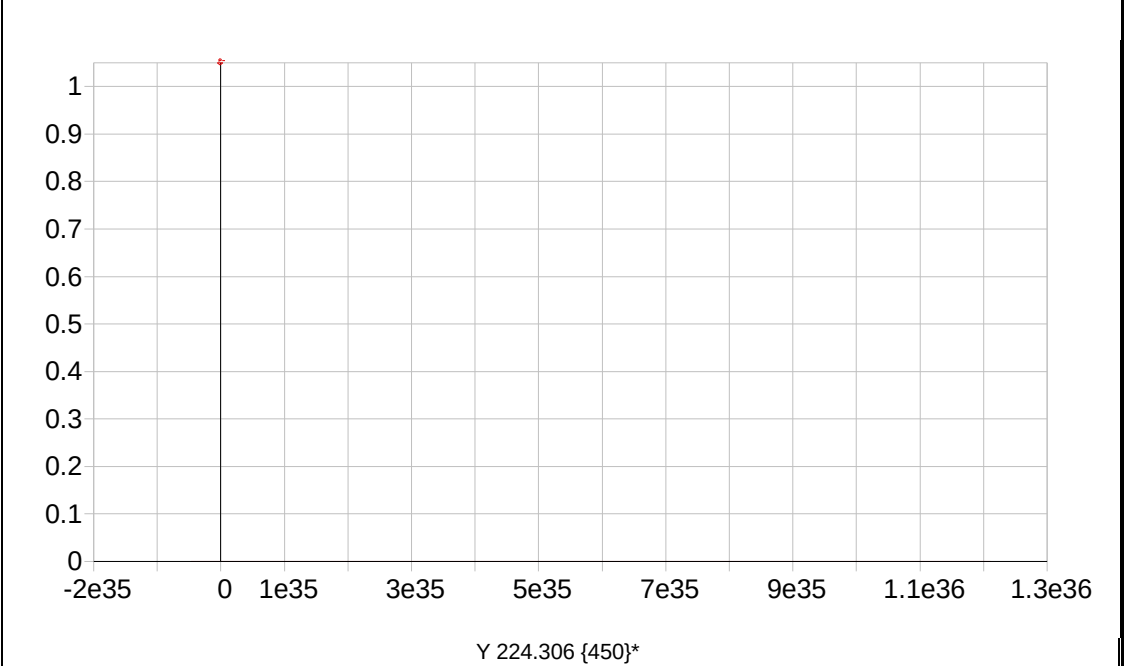
Re-Slope: 1.000000
 Y-int: 0.000000

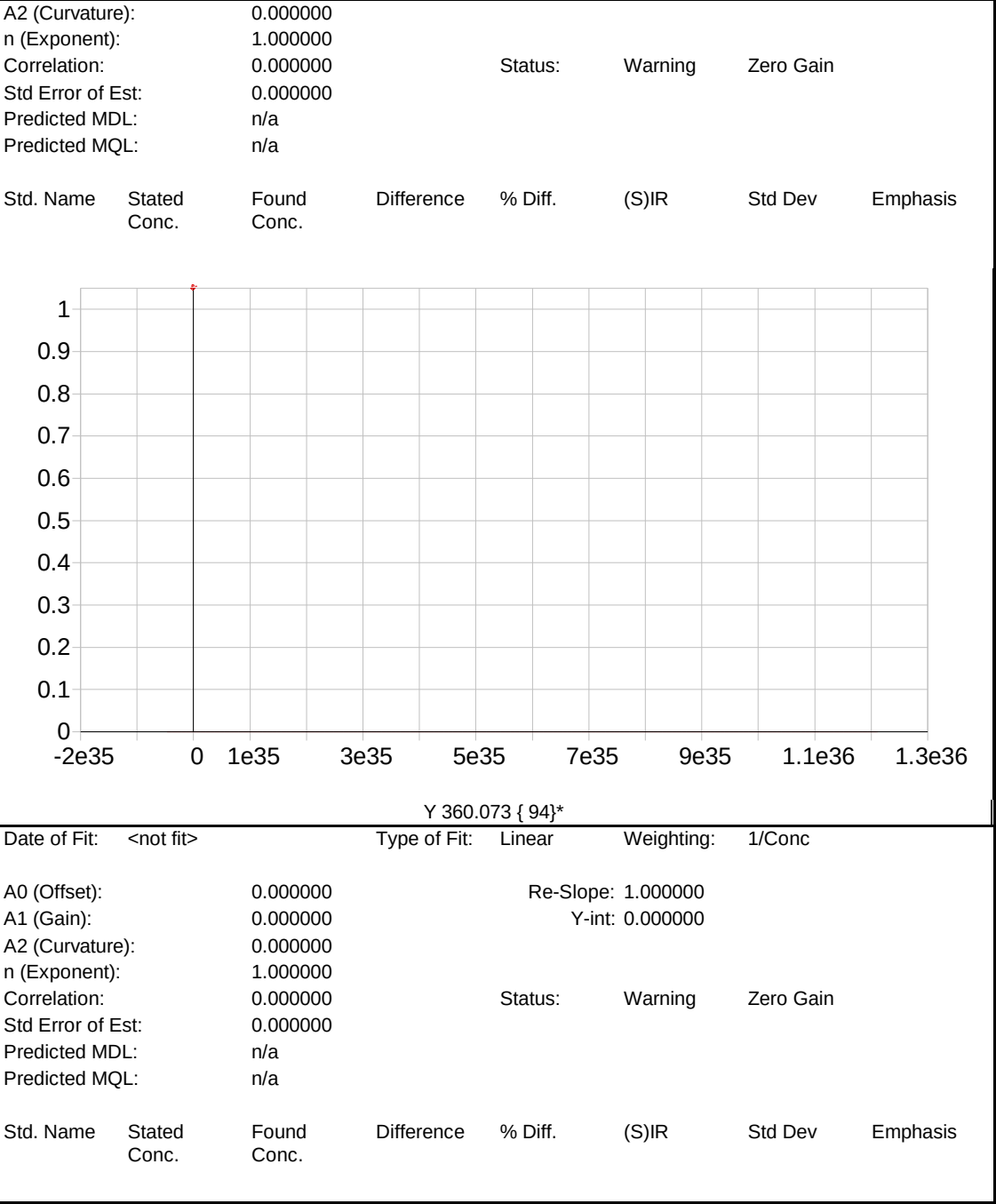
Status: OK.

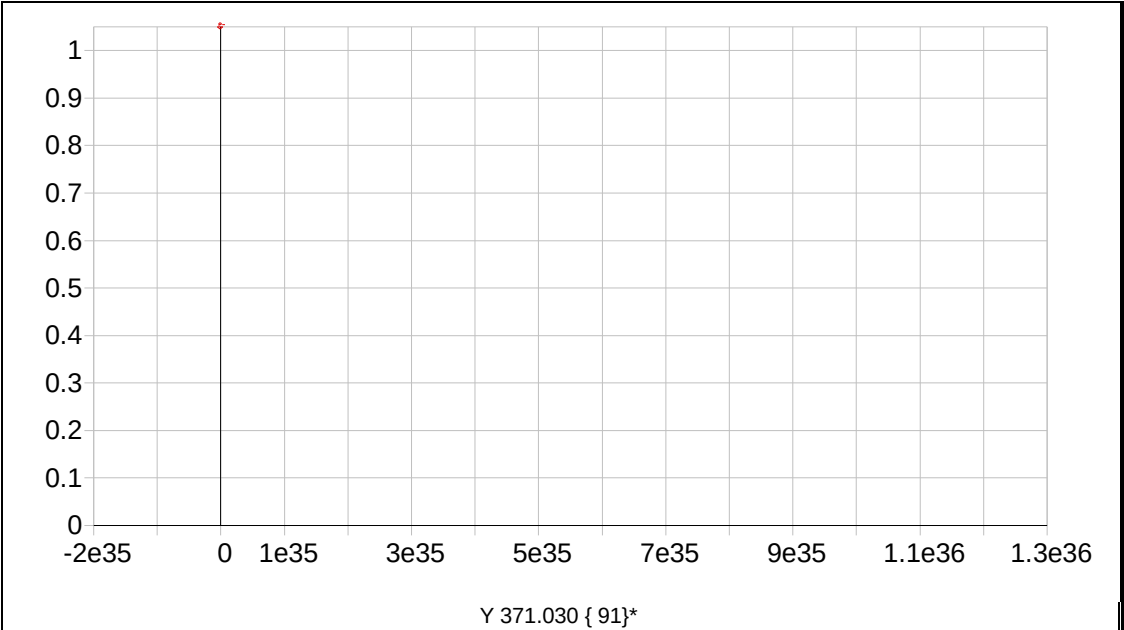
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.01050	.001	1
S5	10.000	9.8841	-.116	-1.16	161.10	4.76	1
S4	5.0000	5.1152	.115	2.30	83.375	.416	1
S3	2.5000	2.5083	.008	.330	40.888	.175	1
S2	1.2500	1.2870	.037	2.96	20.985	.081	1
S1	.05000	.00547	-.045	-89.1	.09896	.000	1



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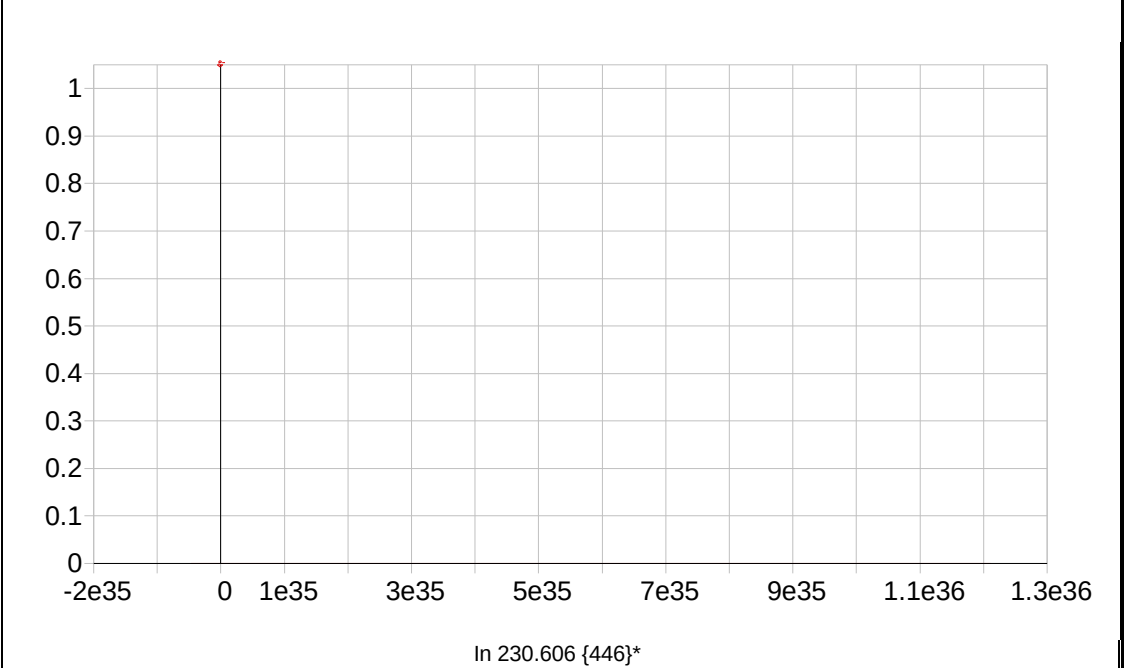




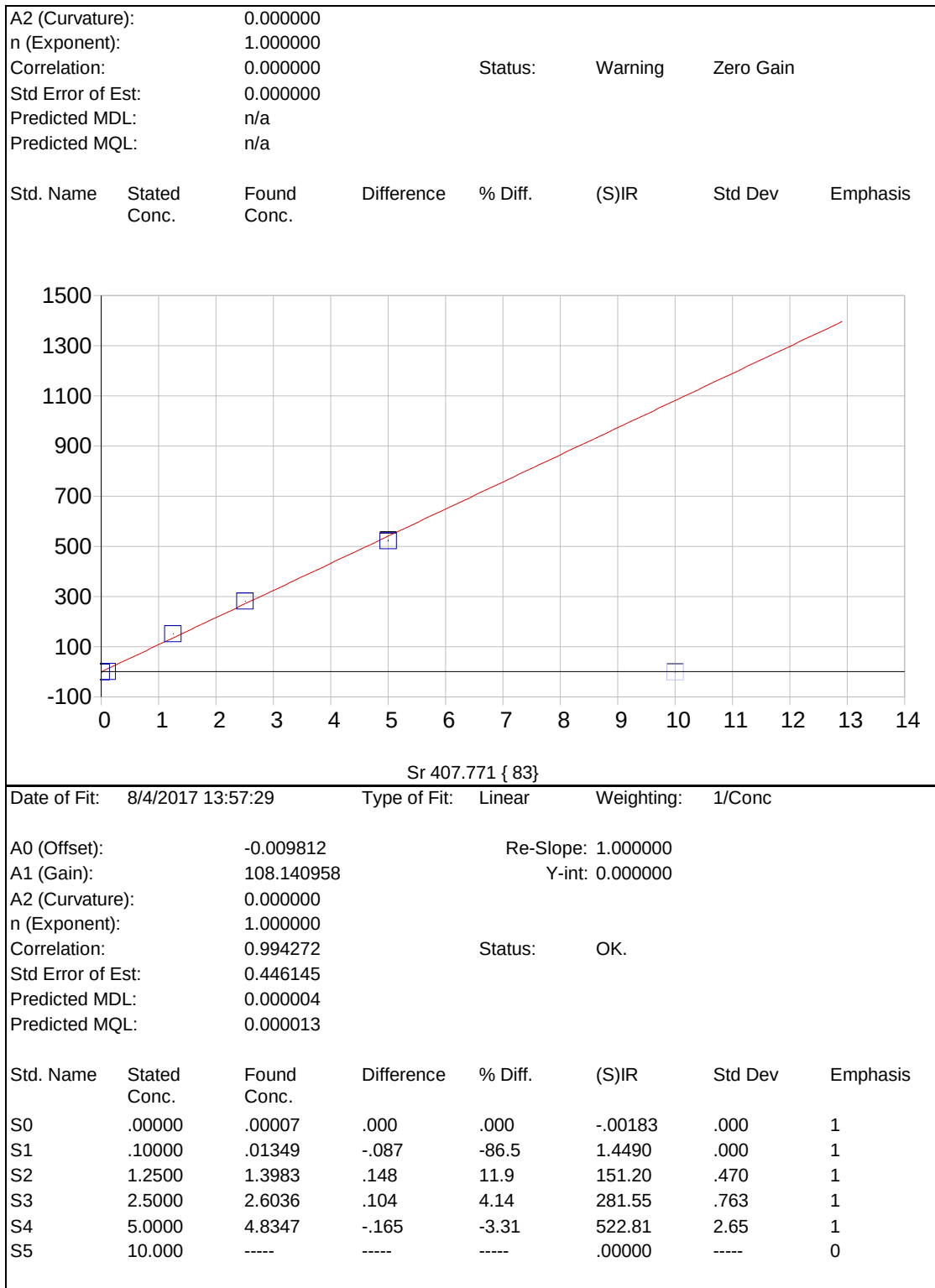


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 8/4/2017 11:56:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.00008	.00005	.00042	-.00032	.00045	-.04538	-.00065
Stddev	.00013	.00014	.00004	.00011	.00004	.00018	.00052	.00019
%RSD	68.833	176.46	80.763	26.781	12.792	39.740	1.1506	28.621

#1	-.00008	-.00022	.00010	.00034	-.00036	.00025	-.04598	-.00066
#2	-.00033	.00004	.00001	.00036	-.00031	.00059	-.04504	-.00083
#3	-.00016	-.00005	.00005	.00054	-.00028	.00051	-.04511	-.00046

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	-.00035	.00070	.00010	-.00029	.00107	.00007	.00001	-.00006
Stddev	.00006	.00014	.00003	.00006	.00011	.00005	.00003	.00008
%RSD	18.533	19.605	32.045	20.066	10.005	68.001	194.33	129.95

#1	-.00039	.00082	.00009	-.00030	.00105	.00009	.00002	-.00001
#2	-.00027	.00055	.00008	-.00022	.00097	.00010	.00004	-.00002
#3	-.00039	.00072	.00014	-.00034	.00118	.00002	-.00001	-.00015

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	-.00027	-.00020	-.00072	-.00007	-.00079	.02625	-.00072	.00199
Stddev	.00012	.00007	.00025	.00013	.00096	.00006	.00004	.00005
%RSD	45.386	36.012	34.172	198.99	121.08	.21891	6.0176	2.6321

#1	-.00014	-.00015	-.00099	-.00022	.00031	.02619	-.00077	.00198
#2	-.00029	-.00028	-.00050	-.00001	-.00128	.02631	-.00069	.00194
#3	-.00037	-.00017	-.00068	.00002	-.00142	.02624	-.00071	.00204

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	.00025	.00056	.00162	.00006	.00082	.01050	-.00183	
Stddev	.00013	.00010	.00018	.00010	.00020	.00087	.00042	
%RSD	53.207	18.297	11.376	166.02	25.070	8.2734	22.841	

#1	.00014	.00057	.00141	.00016	.00089	.00951	-.00190	
#2	.00039	.00065	.00169	.00004	.00058	.01085	-.00138	
#3	.00021	.00045	.00175	-.00003	.00097	.01114	-.00221	

Sample Name: S0 Acquired: 8/4/2017 11:56:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	960.57	2002.2	37002.	10125.	3265.0
Stddev	7.40	8.5	70.	46.	11.8
%RSD	.77038	.42349	.18994	.45710	.36151
#1	955.46	1994.0	36930.	10176.	3257.5
#2	957.20	2001.7	37003.	10114.	3258.9
#3	969.06	2011.0	37071.	10086.	3278.6

Sample Name: S1 Acquired: 8/4/2017 12:00:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.00018	.00177	.00222	.00302	.01217	.01726	.70180	.01116
Stddev	.00006	.00010	.00038	.00012	.00006	.00023	.00116	.00013
%RSD	34.710	5.4155	16.943	3.8897	.49832	1.3466	.16487	1.1773

#1	.00024	.00184	.00248	.00301	.01218	.01730	.70309	.01115
#2	.00019	.00166	.00179	.00314	.01223	.01702	.70086	.01104
#3	.00012	.00180	.00239	.00290	.01211	.01748	.70145	.01130

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	.01005	.25054	.00148	.03925	.00808	.00266	.00849	.04284
Stddev	.00005	.00027	.00004	.00039	.00024	.00004	.00008	.00023
%RSD	.53736	.10757	2.8275	.99536	2.9328	1.5689	.90480	.52697

#1	.01007	.25085	.00151	.03955	.00784	.00267	.00849	.04307
#2	.01009	.25041	.00151	.03939	.00831	.00262	.00841	.04284
#3	.00999	.25035	.00144	.03881	.00809	.00270	.00856	.04262

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	.01802	.00385	.03303	.00456	.02999	.14214	-.00006	.00483
Stddev	.00022	.00010	.00072	.00020	.00150	.00050	.00012	.00013
%RSD	1.2069	2.6603	2.1743	4.4536	5.0184	.35032	200.10	2.5870

#1	.01791	.00382	.03374	.00447	.03002	.14260	-.00021	.00476
#2	.01827	.00378	.03231	.00442	.03147	.14221	.00001	.00476
#3	.01788	.00397	.03305	.00479	.02847	.14161	.00001	.00498

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	.00338	.02666	.00060	.05151	.09896	1.4490	
Stddev	.00025	.00010	.00030	.00008	.00013	.00029	.0002	
%RSD	3.1752	3.0254	1.1439	13.129	.25284	.29454	.01195	

#1	.00787	.00343	.02642	.00066	.05137	.09917	1.4491	
#2	.00817	.00326	.02656	.00051	.05162	.09862	1.4488	
#3	.00767	.00345	.02700	.00062	.05154	.09907	1.4491	

Sample Name: S1 Acquired: 8/4/2017 12:00:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	956.73	1993.0	36560.	10088.	3168.5
Stddev	1.67	12.7	21.	40.	19.7
%RSD	.17431	.63806	.05653	.39706	.62164
#1	954.81	1981.1	36553.	10057.	3154.5
#2	957.80	1991.5	36584.	10073.	3160.0
#3	957.59	2006.4	36545.	10133.	3191.0

Sample Name: S2 Acquired: 8/4/2017 12:06:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.06072	.08934	1.1651	.09290	.23994	3.0182	9.3268	.23758
Stddev	.00049	.00081	.0065	.00162	.00245	.0063	.0167	.00098
%RSD	.79921	.90998	.56086	1.7490	1.0196	.20691	.17927	.41095

#1	.06083	.08918	1.1668	.09349	.24152	3.0119	9.3310	.23796
#2	.06114	.09022	1.1706	.09415	.24118	3.0244	9.3410	.23831
#3	.06019	.08861	1.1579	.09106	.23712	3.0184	9.3084	.23647

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	1.1714	2.8450	.45276	.48744	.94564	.82710	1.8590	.50525
Stddev	.0053	.0033	.00173	.00263	.00111	.00335	.0042	.00129
%RSD	.45004	.11715	.38294	.53916	.11693	.40522	.22808	.25524

#1	1.1706	2.8486	.45273	.48768	.94452	.83067	1.8635	.50553
#2	1.1770	2.8419	.45452	.48994	.94568	.82662	1.8585	.50638
#3	1.1665	2.8445	.45105	.48470	.94673	.82402	1.8550	.50385

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	.27799	.11195	.24127	.05187	1.7509	.79784	.54129	.31239
Stddev	.00115	.00029	.00074	.00003	.0199	.00180	.00486	.00143
%RSD	.41457	.25767	.30540	.05748	1.1360	.22565	.89871	.45876

#1	.27852	.11200	.24059	.05184	1.7475	.79577	.54398	.31404
#2	.27877	.11221	.24117	.05190	1.7330	.79878	.54422	.31155
#3	.27666	.11164	.24205	.05188	1.7723	.79898	.53567	.31157

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	.81454	.03803	.28589	.09210	.59048	20.985	151.20	
Stddev	.00566	.00009	.00207	.00026	.00080	.081	.47	
%RSD	.69431	.23669	.72329	.28759	.13554	.38490	.31080	

#1	.81707	.03793	.28811	.09240	.58983	20.893	151.72	
#2	.81849	.03810	.28553	.09202	.59138	21.045	151.07	
#3	.80806	.03806	.28402	.09189	.59024	21.017	150.81	

Sample Name: S2 Acquired: 8/4/2017 12:06:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	889.82	1857.1	34251.	9932.2	2675.0
Stddev	6.82	18.4	26.	42.7	19.6
%RSD	.76696	.98830	.07485	.42988	.73436
#1	889.91	1842.7	34280.	9887.0	2660.4
#2	896.60	1850.8	34242.	9938.0	2667.3
#3	882.95	1877.8	34231.	9971.8	2697.3

Sample Name: S3 Acquired: 8/4/2017 12:10:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.12216	.17257	2.3061	.18437	.48443	6.0900	18.530	.46679
Stddev	.00066	.00103	.0133	.00091	.00163	.0017	.012	.00185
%RSD	.53888	.59843	.57716	.49536	.33741	.02735	.06490	.39578

#1	.12250	.17344	2.3135	.18531	.48491	6.0889	18.524	.46494
#2	.12140	.17143	2.2907	.18348	.48261	6.0892	18.523	.46864
#3	.12258	.17285	2.3140	.18432	.48577	6.0919	18.544	.46678

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	2.3334	5.6441	.87572	.97598	1.8710	1.6170	3.6323	1.0116
Stddev	.0168	.0038	.00571	.00506	.0035	.0013	.0075	.0018
%RSD	.72015	.06735	.65160	.51868	.18543	.08192	.20608	.17668

#1	2.3432	5.6481	.86973	.97942	1.8703	1.6185	3.6388	1.0135
#2	2.3140	5.6438	.87635	.97017	1.8679	1.6161	3.6340	1.0100
#3	2.3431	5.6405	.88109	.97835	1.8748	1.6164	3.6241	1.0114

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	.55421	.22871	.47847	.10221	3.6328	1.5619	1.1046	.60680
Stddev	.00362	.00178	.00090	.00049	.0351	.0048	.0062	.00093
%RSD	.65338	.77708	.18713	.48372	.96550	.30646	.56418	.15254

#1	.55628	.22665	.47876	.10187	3.6151	1.5587	1.1095	.60737
#2	.55003	.22977	.47747	.10278	3.6101	1.5596	1.0976	.60729
#3	.55633	.22970	.47919	.10198	3.6732	1.5674	1.1067	.60573

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	1.5974	.07876	.54901	.18471	1.1614	40.888	281.55	
Stddev	.0075	.00066	.00153	.00088	.0021	.175	.76	
%RSD	.47088	.84138	.27863	.47600	.17717	.42734	.27088	

#1	1.6047	.07911	.54735	.18538	1.1597	41.042	282.29	
#2	1.5897	.07799	.54931	.18371	1.1637	40.924	280.76	
#3	1.5978	.07917	.55037	.18502	1.1607	40.698	281.59	

Sample Name: S3 Acquired: 8/4/2017 12:10:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	845.12	1790.0	33269.	9902.4	2490.2
Stddev	4.10	7.8	110.	18.7	11.8
%RSD	.48528	.43541	.32943	.18914	.47325
#1	846.41	1781.0	33359.	9881.0	2477.8
#2	848.41	1794.2	33300.	9915.5	2501.3
#3	840.53	1794.8	33146.	9910.7	2491.6

Sample Name: S4 Acquired: 8/4/2017 12:14:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.25149	.33587	4.5947	.37418	1.0013	12.655	37.329	.94792
Stddev	.00255	.00047	.0050	.00321	.0071	.029	.151	.00358
%RSD	1.0145	.13859	.10806	.85900	.70710	.22604	.40356	.37805

#1	.25289	.33639	4.5912	.37650	1.0049	12.688	37.260	.95199
#2	.25303	.33571	4.6004	.37553	1.0059	12.639	37.225	.94654
#3	.24854	.33551	4.5926	.37051	.99314	12.637	37.501	.94523

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	4.6804	11.504	1.6926	1.9741	3.8241	3.2068	7.2092	2.0711
Stddev	.0129	.023	.0069	.0019	.0115	.0081	.0143	.0065
%RSD	.27609	.19764	.40543	.09645	.30028	.25348	.19878	.31293

#1	4.6697	11.481	1.6871	1.9720	3.8360	3.2000	7.1998	2.0701
#2	4.6766	11.504	1.6905	1.9747	3.8131	3.2047	7.2022	2.0651
#3	4.6948	11.527	1.7003	1.9757	3.8231	3.2158	7.2257	2.0780

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	1.1101	.47669	.97689	.20421	7.4581	3.1926	2.2472	1.1946
Stddev	.0017	.00111	.00200	.00107	.0368	.0090	.0005	.0052
%RSD	.14953	.23242	.20502	.52215	.49401	.28237	.02352	.43378

#1	1.1092	.47570	.97918	.20521	7.4182	3.2030	2.2478	1.2005
#2	1.1091	.47788	.97607	.20309	7.4908	3.1867	2.2468	1.1926
#3	1.1120	.47648	.97543	.20433	7.4654	3.1882	2.2470	1.1908

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	3.1737	.16572	1.0868	.37482	2.3301	83.375	522.81	
Stddev	.0181	.00044	.0065	.00071	.0045	.416	2.65	
%RSD	.57116	.26332	.59764	.18850	.19147	.49861	.50774	

#1	3.1844	.16522	1.0943	.37406	2.3348	83.835	525.83	
#2	3.1839	.16592	1.0836	.37492	2.3297	83.027	520.81	
#3	3.1527	.16602	1.0825	.37547	2.3259	83.262	521.80	

Sample Name: S4 Acquired: 8/4/2017 12:14:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	796.11	1664.8	31934.	9571.1	2241.6
Stddev	2.01	15.1	64.	31.8	6.1
%RSD	.25301	.90448	.20054	.33219	.27047
#1	797.37	1657.0	32008.	9535.3	2240.6
#2	793.79	1655.2	31899.	9596.1	2236.0
#3	797.17	1682.2	31895.	9581.8	2248.0

Sample Name: S5 Acquired: 8/4/2017 12:19:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.52605	.64186	9.0144	.76368	2.1045	25.209	72.441	1.8722
Stddev	.00102	.00092	.0290	.00348	.0063	1.038	2.927	.0769
%RSD	.19325	.14374	.32167	.45582	.29761	4.1172	4.0408	4.1075

#1	.52672	.64262	9.0467	.76404	2.1028	24.011	69.092	1.7839
#2	.52654	.64214	9.0061	.76697	2.1115	25.837	73.723	1.9090
#3	.52488	.64083	8.9905	.76004	2.0994	25.779	74.509	1.9239

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	9.1092	22.259	3.2558	3.8920	7.6885	6.0855	13.743	4.0222
Stddev	.0393	.977	.0586	.0133	.3607	.2591	.584	.1761
%RSD	.43169	4.3907	1.7985	.34191	4.6918	4.2572	4.2504	4.3788

#1	9.1536	21.132	3.2158	3.9062	7.2734	5.7865	13.069	3.8188
#2	9.0955	22.782	3.2286	3.8901	7.9262	6.2265	14.064	4.1259
#3	9.0786	22.863	3.3230	3.8798	7.8659	6.2434	14.097	4.1219

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	2.1632	1.0390	1.9322	.39283	16.125	6.3920	4.3637	2.2216
Stddev	.0073	.0178	.0879	.01699	.315	.2876	.0114	.0875
%RSD	.33571	1.7158	4.5480	4.3259	1.9542	4.4998	.26176	3.9392

#1	2.1713	1.0302	1.8311	.37327	15.956	6.0610	4.3738	2.1207
#2	2.1611	1.0272	1.9898	.40400	15.930	6.5813	4.3660	2.2674
#3	2.1573	1.0595	1.9757	.40121	16.489	6.5338	4.3513	2.2767

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.2714	.34197	2.0918	.73861	4.5145	161.10	^ *****	
Stddev	.0221	.00097	.0818	.00191	.1946	4.76	-----	
%RSD	.35264	.28392	3.9120	.25814	4.3105	2.9542	-----	

#1	6.2848	.34308	1.9975	.74004	4.2901	155.83	^ -----	
#2	6.2836	.34130	2.1334	.73934	4.6376	165.10	^ -----	
#3	6.2459	.34153	2.1445	.73645	4.6157	162.35	^ -----	

Sample Name: S5 Acquired: 8/4/2017 12:19:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	694.99	1501.1	29567.	9492.7	1975.8
Stddev	12.44	5.4	376.	353.9	5.3
%RSD	1.7898	.35789	1.2712	3.7282	.26847
#1	698.00	1500.0	29678.	9901.2	1973.6
#2	705.65	1496.4	29876.	9278.1	1972.0
#3	681.33	1506.9	29149.	9298.8	1981.8

Sample Name: S6 Acquired: 8/4/2017 12:23:27 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	65.126	35.740	16.130	6.4018	5.2535
Stddev	.494	.054	.056	.0256	.0050
%RSD	.75854	.15021	.34980	.39984	.09444

#1	65.453	35.704	16.162	6.4201	5.2575
#2	65.367	35.801	16.163	6.4128	5.2551
#3	64.558	35.713	16.065	6.3726	5.2479

Int. Std.	Y_3710
Units	Cts/S
Avg	9107.9
Stddev	54.4
%RSD	.59695

#1	9067.8
#2	9086.1
#3	9169.8

Sample Name: ICV Acquired: 8/4/2017 12:28:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.9221470	1.110331	.9786928	.9466705	.9203948	2.305707
Stddev	.0103185	.010512	.0068681	.0065222	.0087907	.019258
%RSD	1.118971	.9467728	.7017613	.6889628	.9551000	.8352159

#1	.9338376	1.122453	.9849032	.9519055	.9287859	2.327928
#2	.9182940	1.104815	.9798588	.9487417	.9211457	2.293866
#3	.9143094	1.103725	.9713163	.9393641	.9112527	2.295327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5116967	.4976621	.4689982	10.40100	.5366152	.4748678
Stddev	.0021378	.0014269	.0021096	.07246	.0016164	.0025936
%RSD	.4177930	.2867125	.4498021	.6966873	.3012284	.5461771

#1	.5135429	.4973497	.4707732	10.36539	.5355992	.4771804
#2	.5121928	.4964174	.4695553	10.48438	.5357673	.4753594
#3	.5093545	.4992193	.4666659	10.35324	.5384792	.4720635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5026214	5.488694	.5407754	6.005644	.4883011	.4548188
Stddev	.0051661	.047420	.0019707	.042691	.0034712	.0019205
%RSD	1.027833	.8639504	.3644257	.7108408	.7108792	.4222510

#1	.5085759	5.455944	.5401245	6.029916	.4914124	.4537477
#2	.4993331	5.543072	.5429892	6.030664	.4889340	.4536727
#3	.4999552	5.467068	.5392125	5.956351	.4845570	.4570359

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.798873	.5280793	.9900627	9.863198	F -.002830	F .7386162
Stddev	.172865	.0008497	.0108499	.075547	.000210	.0010151
%RSD	1.764135	.1609002	1.095882	.7659462	7.406164	.1374269

#1	9.992437	.5290259	.9915254	9.948304	-.002866	.7381732
#2	9.659874	.5278297	.9785556	9.804062	-.003019	.7378979
#3	9.744308	.5273824	1.000107	9.837227	-.002604	.7397774

Sample Name: ICV Acquired: 8/4/2017 12:28:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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 .6636295	-.002465	.6938554	F .5945829	.6557808	.0008293
Stddev	.0044119	.001390	.0054236	.0053528	.0021838	.0000232
%RSD	.6648126	56.39120	.7816620	.9002674	.3330140	2.795827
#1	.6672767	-.003198	.6944612	.5997986	.6569484	.0008223
#2	.6648861	-.003336	.6989506	.5948473	.6532613	.0008104
#3	.6587256	-.000862	.6881543	.5891028	.6571326	.0008552

Elem	Sr4077
Units	ppm
Avg	.0014691
Stddev	.0000080
%RSD	.5457422
#1	.0014781
#2	.0014626
#3	.0014668

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.8548	1962.532	35867.11	10097.62	3069.467
Stddev	1.8081	13.878	65.58	20.22	20.329
%RSD	.1955061	.7071244	.1828306	.2002026	.6622924
#1	922.9121	1952.120	35832.16	10079.63	3052.807
#2	925.1638	1957.190	35942.75	10093.73	3063.475
#3	926.4886	1978.287	35826.40	10119.49	3092.118

Sample Name: ICB Acquired: 8/4/2017 12:35:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0009282	-.002022	-.000742	-.001176	.0014680	-.002055	-.000046
Stddev	.0017469	.001235	.000133	.000420	.0005859	.001525	.000474
%RSD	188.1974	61.08196	17.90209	35.75135	39.90794	74.20346	1022.865

#1	-.000774	-.002814	-.000808	-.001403	.0015199	-.001800	-.000059
#2	.002716	-.000599	-.000589	-.001433	.0020262	-.003692	-.000514
#3	.000843	-.002653	-.000828	-.000691	.0008580	-.000674	.000434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0000607	.0098535	-.000024	.0001134	-.000309	-.002689
Stddev	.000030	.0000539	.0087565	.000288	.0000915	.000722	.006927
%RSD	123.4829	88.80412	88.86712	1193.675	80.62878	233.8809	257.6406

#1	-.000050	.0001226	.0198595	-.000249	.0000520	.000053	-.002224
#2	.000009	.0000238	.0061096	-.000125	.0002185	-.001140	.003994
#3	-.000033	.0000358	.0035913	.000301	.0000698	.000161	-.009836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000333	.0051378	.0001783	-.000206	-.009995	.0006670	.0006543
Stddev	.000214	.0049720	.0000702	.000081	.092732	.0015845	.0023819
%RSD	64.10476	96.77121	39.38448	39.42804	927.8095	237.5452	364.0068

#1	-.000576	.0054386	.0002466	-.000119	-.008900	.0012610	.0024159
#2	-.000175	.0099526	.0001821	-.000220	.082185	.0018687	-.002056
#3	-.000249	.0000223	.0001062	-.000279	-.103269	-.001129	.001603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4119484	.0001221	.0005033	.0000177	-.000201	.0018627	.0005573
Stddev	.0325930	.0001064	.0003875	.0003290	.002368	.0011281	.0007198
%RSD	7.911912	87.14401	76.99422	1860.311	1176.391	60.56236	129.1616

#1	.3767768	.0001042	.0007733	-.000351	.001687	.0030192	.0005521
#2	.4179356	.0000258	.0006772	.000121	.000567	.0018038	.0012797
#3	.4411326	.0002364	.0000593	.000283	-.002858	.0007653	-.000160

Sample Name: ICB Acquired: 8/4/2017 12:35:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000021	.0004940	.0000788
Stddev	.000402	.0000371	.0000017
%RSD	1909.813	7.508434	2.122427

#1	.000431	.0004835	.0000806
#2	-.000153	.0005352	.0000773
#3	-.000341	.0004632	.0000784

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.5409	1981.155	36685.40	10038.73	3252.360
Stddev	2.7729	19.689	156.79	43.86	21.338
%RSD	.2967160	.9937894	.4274009	.4368705	.6560844

#1	932.6253	1959.756	36534.81	9991.44	3230.257
#2	933.2767	1985.206	36673.65	10046.69	3253.982
#3	937.7206	1998.503	36847.74	10078.06	3272.841

Sample Name: ICSA Acquired: 8/4/2017 12:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000241	-.016324	.0007264	-.007672	.0032985	241.8135
Stddev	.000701	.000633	.0014444	.001218	.0019050	.5377
%RSD	290.7377	3.878940	198.8478	15.87459	57.75508	.2223450

#1	.000554	-.016254	.0023899	-.006392	.0040139	242.4300
#2	-.000506	-.016989	-.000210	-.008816	.0011393	241.5692
#3	-.000771	-.015729	-.000001	-.007810	.0047422	241.4415

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060517	.0010840	-.000363	257.6641	.0486400	-.000331
Stddev	.0000606	.0000632	.000036	.7579	.0005734	.000184
%RSD	1.001050	5.826898	10.01278	.2941475	1.178884	55.57625

#1	.0061175	.0011477	-.000372	256.8367	.0482458	-.000194
#2	.0059981	.0010213	-.000394	257.8311	.0483765	-.000259
#3	.0060396	.0010830	-.000323	258.3246	.0492978	-.000540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231853	104.0053	.0097182	262.4501	.0021042	.0005630
Stddev	.0008986	.2141	.0005007	.5078	.0003501	.0000187
%RSD	3.875941	.2058768	5.152200	.1934922	16.63635	3.317981

#1	.0236130	103.7641	.0095609	261.8773	.0020650	.0005663
#2	.0237903	104.1731	.0102787	262.8451	.0024723	.0005797
#3	.0221527	104.0787	.0093151	262.6281	.0017754	.0005428

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8128168	.0015510	.0027750	.1668602	-.016666	F -.279427
Stddev	.1413809	.0009097	.0049303	.0052554	.000105	.001693
%RSD	17.39395	58.65400	177.6701	3.149569	.6306025	.6058401

#1	.6776458	.0012387	.0076191	.1720940	-.016552	-.277566
#2	.8011232	.0008386	.0029429	.1669031	-.016759	-.280875
#3	.9596814	.0025757	-.002237	.1615835	-.016688	-.279839

Sample Name: ICSA Acquired: 8/4/2017 12:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000531	.0121119	-.001000	-.002549	.0012432	.0006974
Stddev	.000395	.0047990	.000540	.000903	.0002854	.0000171
%RSD	74.28150	39.62207	53.96190	35.42495	22.95889	2.452108

#1	-.000301	.0108524	-.001486	-.003591	.0009459	.0007088
#2	-.000306	.0080683	-.000419	-.002039	.0015151	.0006777
#3	-.000987	.0174151	-.001097	-.002015	.0012685	.0007056

Elem	Sr4077
Units	ppm
Avg	.0116904
Stddev	.0000464
%RSD	.3973245

#1	.0117393
#2	.0116849
#3	.0116469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	849.7550	1789.700	32806.70	9752.457	2457.885
Stddev	1.4084	11.604	54.79	11.268	13.658
%RSD	.1657413	.6483790	.1669971	.1155413	.5556953

#1	849.3275	1778.560	32752.80	9739.713	2444.501
#2	848.6100	1788.823	32862.33	9756.555	2457.352
#3	851.3277	1801.718	32804.97	9761.102	2471.802

Sample Name: ICSAB Acquired: 8/4/2017 12:44:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0930834	.1023365	.0456160	.0399387	.5564428	242.4659
Stddev	.0073983	.0049977	.0010847	.0019851	.0070643	.6888
%RSD	7.947979	4.883577	2.377838	4.970377	1.269554	.2840642

#1	.1016177	.1023404	.0449000	.0405382	.5629986	242.1188
#2	.0884877	.1073322	.0468640	.0415550	.5573687	242.0198
#3	.0891447	.0973368	.0450840	.0377229	.5489612	243.2592

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144399	.5048272	.9762914	259.9465	.5595189	.4875788
Stddev	.0009745	.0007879	.0087674	1.1974	.0031441	.0034218
%RSD	.1894238	.1560708	.8980332	.4606491	.5619311	.7017946

#1	.5143692	.5045706	.9826142	259.3858	.5613766	.4900244
#2	.5135026	.5057114	.9799773	259.1323	.5558887	.4890435
#3	.5154477	.5041996	.9662828	261.3214	.5612914	.4836684

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5242206	104.9850	.5386752	264.6836	.9815605	.1892245
Stddev	.0011480	.3967	.0030808	.6904	.0081995	.0001903
%RSD	.2189955	.3778964	.5719188	.2608274	.8353516	.1005625

#1	.5233335	104.8126	.5369747	264.2415	.9879100	.1894083
#2	.5238110	104.7036	.5368195	264.3302	.9844680	.1890283
#3	.5255172	105.4388	.5422315	265.4792	.9723034	.1892370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8632777	.5330725	1.014415	-.033145	-.019577	F -.283390
Stddev	.0446270	.0020001	.006069	.021125	.000278	.001476
%RSD	5.169484	.3752075	.5982627	63.73529	1.420617	.5209376

#1	.8220527	.5322463	1.019565	-.026834	-.019703	-.283530
#2	.8571146	.5353533	1.007724	-.015895	-.019258	-.284791
#3	.9106660	.5316178	1.015955	-.056706	-.019769	-.281849

Sample Name: ICSAB Acquired: 8/4/2017 12:44:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.001612	.0052688	.0000020	-.002549	.0007361	.0004518
Stddev	.000361	.0123025	.0005371	.001377	.0004603	.0000439
%RSD	22.40947	233.4994	26267.64	54.00524	62.53788	9.715313

#1	-.001209	.0178899	.0003284	-.004089	.0007801	.0004110
#2	-.001906	.0046046	-.000618	-.002123	.0002553	.0004982
#3	-.001721	-.006688	.000296	-.001436	.0011728	.0004460

Elem	Sr4077
Units	ppm
Avg	.0116968
Stddev	.0000338
%RSD	.2888752

#1	.0116997
#2	.0116617
#3	.0117291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	851.2633	1813.031	33018.30	9685.832	2494.206
Stddev	2.2623	19.779	131.72	16.032	23.793
%RSD	.2657604	1.090950	.3989219	.1655225	.9539204

#1	848.8488	1795.332	32867.53	9698.326	2474.173
#2	853.3342	1809.379	33111.04	9667.754	2487.940
#3	851.6069	1834.381	33076.33	9691.414	2520.505

Sample Name: CCV080 Acquired: 8/4/2017 12:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.160157	4.936828	25.08741	5.062442	5.168259	410.9826
Stddev	.031830	.020608	.07887	.032625	.028287	1.8670
%RSD	.6168345	.4174402	.3143768	.6444541	.5473167	.4542706

#1	5.188982	4.952254	25.12203	5.091710	5.192661	408.8498
#2	5.165492	4.944807	25.14304	5.068351	5.174861	411.7776
#3	5.125997	4.913423	24.99715	5.027267	5.137255	412.3206

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57441	.5340394	2.581294	415.5570	15.79214	2.580785
Stddev	.12176	.0040890	.005726	1.6476	.04844	.007509
%RSD	1.151491	.7656653	.2218242	.3964815	.3067168	.2909621

#1	10.44850	.5299679	2.586040	413.6606	15.73644	2.585369
#2	10.69156	.5381456	2.582909	416.6376	15.82440	2.584867
#3	10.58316	.5340049	2.574935	416.3727	15.81558	2.572119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.96846	413.8146	15.61934	421.9430	2.572178	1.344494
Stddev	.02175	.7647	.04255	.8187	.004402	.001700
%RSD	.1361888	.1847840	.2724263	.1940401	.1711444	.1264349

#1	15.94392	413.0486	15.57520	421.0456	2.575428	1.342539
#2	15.98533	414.5779	15.66009	422.6491	2.573939	1.345619
#3	15.97613	413.8172	15.62274	422.1344	2.567168	1.345325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.6117	2.600577	15.98015	158.8014	5.360461	F 4.448191
Stddev	1.1239	.014156	.02033	.4686	.028074	.020827
%RSD	.2777603	.5443555	.1272285	.2950729	.5237251	.4682041

#1	403.3152	2.585672	16.00330	158.2651	5.371871	4.435085
#2	405.3082	2.613841	15.97195	159.0072	5.381032	4.472206
#3	405.2118	2.602218	15.96520	159.1317	5.328478	4.437281

Sample Name: CCV080 Acquired: 8/4/2017 12:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.099538	5.155076	5.212026	5.117538	5.211259	5.365038
Stddev	.027033	.035954	.030497	.029459	.011485	.031578
%RSD	.5301065	.6974470	.5851216	.5756490	.2203810	.5885893

#1	5.127423	5.155455	5.181151	5.127799	5.198417	5.390118
#2	5.097745	5.190839	5.242130	5.140494	5.220545	5.375421
#3	5.073446	5.118934	5.212796	5.084321	5.214815	5.329576

Elem	Sr4077
Units	ppm
Avg	4.969068
Stddev	.026081
%RSD	.5248705

#1	4.939155
#2	4.987048
#3	4.981000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	732.7942	1559.597	29961.65	9294.607	2033.576
Stddev	2.1957	8.470	33.57	24.652	8.563
%RSD	.2996357	.5431054	.1120370	.2652286	.4210852

#1	730.4877	1551.692	29923.37	9311.898	2029.262
#2	733.0357	1558.563	29986.08	9266.379	2028.027
#3	734.8592	1568.537	29975.49	9305.545	2043.438

Sample Name: CCB080 Acquired: 8/4/2017 12:52:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000256	-.000857	-.000293	.0016316	.0004951	-.000151	.0008484
Stddev	.000926	.000292	.000475	.0016422	.0006452	.002312	.0000552
%RSD	361.7833	34.11286	161.8464	100.6510	130.3175	1533.309	6.511037

#1	-.000822	-.000520	-.000619	.0015714	-.000175	.002433	.0008062
#2	.000812	-.001013	.000251	.0033031	.000549	-.002024	.0009110
#3	-.000758	-.001037	-.000512	.0000203	.001112	-.000861	.0008282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000337	.0000277	.0061133	-.000310	-.000047	.0002754	.0043725
Stddev	.0000581	.0000850	.0074579	.000300	.000216	.0003853	.0027360
%RSD	172.5934	306.8291	121.9944	96.96321	456.0452	139.9167	62.57452

#1	.0001008	.0000659	.0145879	.000019	-.000094	.0004565	.0071187
#2	.0000015	-.000070	.0032012	-.000378	.000188	.0005367	.0043521
#3	-.000001	.000087	.0005508	-.000570	-.000236	-.000167	.0016467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0002384	-.000017	-.000273	.0836946	-.000340	-.001521
Stddev	.000119	.0074484	.000324	.000160	.0122499	.001691	.001946
%RSD	825.5139	3123.827	1909.641	58.74807	14.63636	497.3202	127.9167

#1	.000005	.0066846	-.000302	-.000435	.0902529	.000640	.000394
#2	-.000142	-.007916	.000335	-.000269	.0912691	.000632	-.001461
#3	.000093	.001946	-.000084	-.000115	.0695619	-.002292	-.003496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240628	.0001404	.0038355	.0003405	-.002544	-.001280	.0008791
Stddev	.0134278	.0001451	.0003134	.0003503	.002263	.000653	.0005856
%RSD	55.80300	103.3833	8.172128	102.8900	88.95662	51.01469	66.61218

#1	.0194300	-.000007	.0038921	.0003892	-.001007	-.001775	.0008331
#2	.0391936	.000144	.0034977	.0006638	-.001483	-.000540	.0003179
#3	.0135648	.000284	.0041169	-.000032	-.005143	-.001525	.0014863

Sample Name: CCB080 Acquired: 8/4/2017 12:52:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000029	.0004919	.0000934
Stddev	.000450	.0000123	.0000050
%RSD	1553.470	2.507681	5.363949

#1	-.000546	.0004998	.0000992
#2	.000181	.0004777	.0000910
#3	.000277	.0004982	.0000901

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.8509	1994.886	37075.53	10309.70	3263.596
Stddev	7.9776	15.859	206.87	143.09	22.409
%RSD	.8381125	.7949712	.5579641	1.387915	.6866346

#1	942.6579	1976.610	36837.76	10474.42	3237.764
#2	956.9566	2003.032	37214.21	10238.51	3275.198
#3	955.9380	2005.017	37174.64	10216.16	3277.825

Sample Name: I4269-02 Acquired: 8/4/2017 13:00:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905581	-.023145	1.732779	-.006206	.0057202	81.26885	2.421791
Stddev	.0009335	.003404	.002175	.001372	.0003669	.14022	.006033
%RSD	1.030869	14.70890	.1255376	22.10855	6.413645	.1725440	.2491315

#1	.0913456	-.025390	1.735148	-.005747	.0053010	81.39979	2.426974
#2	.0895269	-.024816	1.730871	-.005122	.0059828	81.12090	2.423231
#3	.0908018	-.019228	1.732317	-.007749	.0058768	81.28585	2.415168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084530	.0532911	80.61078	.1199121	.1268406	.4677560	174.4289
Stddev	.0001464	.0002885	.03486	.0012431	.0004429	.0020378	.1761
%RSD	1.731308	.5413978	.0432471	1.036674	.3491695	.4356540	.1009357

#1	.0085924	.0535244	80.64717	.1212636	.1268923	.4675421	174.4632
#2	.0083006	.0533805	80.60747	.1188176	.1272554	.4698923	174.5853
#3	.0084662	.0529685	80.57768	.1196549	.1263741	.4658336	174.2382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.719054	35.14558	.2500326	.0030154	1.954528	.2117686	8.829102
Stddev	.005092	.11571	.0005479	.0000296	.106465	.0029147	.093847
%RSD	.0583955	.3292270	.2191194	.9803852	5.447108	1.376358	1.062930

#1	8.724221	35.27632	.2503681	.0030167	1.869866	.2129461	8.736812
#2	8.714041	35.10406	.2503295	.0029853	2.074054	.2084493	8.826061
#3	8.718899	35.05637	.2494004	.0030444	1.919664	.2139103	8.924433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.53338	.8826021	-.408037	.0102073	4.112809	2.526145	.0387636
Stddev	.03890	.0033104	.002503	.0001975	.021959	.015168	.0015683
%RSD	.1991237	.3750673	.6133503	1.934937	.5339107	.6004420	4.045816

#1	19.57160	.8863246	-.410513	.0104291	4.118896	2.532472	.0381926
#2	19.53470	.8814929	-.408089	.0101423	4.131083	2.508838	.0405374
#3	19.49385	.8799888	-.405509	.0100504	4.088449	2.537125	.0375607

Sample Name: I4269-02 Acquired: 8/4/2017 13:00:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7A9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5197933	.0084598	.0357189
Stddev	.0036530	.0000186	.0000768
%RSD	.7027848	.2199637	.2150155

#1	.5220323	.0084708	.0357878
#2	.5155778	.0084383	.0357326
#3	.5217697	.0084702	.0356361

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.9658	2031.282	39310.66	11633.96	2621.553
Stddev	3.1230	7.284	66.66	48.86	10.490
%RSD	.3236397	.3585867	.1695810	.4199808	.4001400

#1	968.3532	2022.874	39323.13	11578.51	2610.878
#2	964.3435	2035.307	39238.64	11652.67	2621.934
#3	962.2008	2035.664	39370.20	11670.71	2631.847

Sample Name: I4269-04 Acquired: 8/4/2017 13:04:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1525143	-.029319	7.048589	-.013988	.0128455	97.31449	2.085083
Stddev	.0029909	.001364	.039771	.002803	.0010159	.14787	.008993
%RSD	1.961075	4.652457	.5642360	20.03787	7.908616	.1519538	.4312966

#1	.1537511	-.030348	7.091402	-.015504	.0117064	97.40790	2.094198
#2	.1491034	-.027772	7.041571	-.010754	.0131720	97.14400	2.076217
#3	.1546885	-.029838	7.012795	-.015706	.0136579	97.39156	2.084835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101750	.0973053	102.3279	.1365422	.1077125	.9841398	216.8266
Stddev	.0002452	.0010717	.2752	.0004647	.0005634	.0040834	.4445
%RSD	2.410195	1.101383	.2689062	.3403528	.5230118	.4149172	.2050013

#1	.0103612	.0984608	102.3712	.1369585	.1082171	.9862922	216.6968
#2	.0102666	.0971111	102.5788	.1366273	.1071047	.9794306	217.3215
#3	.0098971	.0963440	102.0336	.1360408	.1078157	.9866967	216.4614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.300235	31.16295	.2459885	.0096706	2.842414	.2947963	14.11689
Stddev	.017196	.04308	.0018057	.0002102	.025845	.0014855	.01289
%RSD	.2729358	.1382288	.7340441	2.173296	.9092531	.5039055	.0913304

#1	6.299501	31.13172	.2475949	.0095348	2.832008	.2962133	14.10225
#2	6.317786	31.21209	.2463365	.0099127	2.823393	.2949250	14.12657
#3	6.283419	31.14504	.2440342	.0095643	2.871839	.2932507	14.12185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.42809	.8797205	-.498304	.0088486	6.281328	8.159463	.0390265
Stddev	.04232	.0065023	.002689	.0001304	.040701	.065815	.0021629
%RSD	.2575811	.7391318	.5395626	1.473790	.6479732	.8066146	5.542256

#1	16.45483	.8859939	-.497528	.0087356	6.325873	8.127755	.0373718
#2	16.37931	.8801563	-.501296	.0088189	6.272034	8.235130	.0382338
#3	16.45015	.8730113	-.496090	.0089913	6.246079	8.115504	.0414740

Sample Name: I4269-04 Acquired: 8/4/2017 13:04:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7B1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.223078	.0092085	.0359783
Stddev	.000418	.0000706	.0000463
%RSD	.0341750	.7669264	.1286508

#1	1.222762	.0091937	.0360189
#2	1.222919	.0091463	.0359881
#3	1.223552	.0092853	.0359279

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	969.9081	2024.420	39414.53	11713.15	2591.160
Stddev	.6528	6.833	66.98	56.78	14.067
%RSD	.0673007	.3375260	.1699400	.4847761	.5428719

#1	969.8295	2016.918	39487.29	11720.01	2577.781
#2	970.5966	2026.053	39400.84	11653.24	2589.874
#3	969.2982	2030.288	39355.45	11766.19	2605.826

Sample Name: I4269-05 Acquired: 8/4/2017 13:08:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7B2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2545208	-.029916	10.88237	-.008971	.2145903	85.20675	2.777012
Stddev	.0022974	.002958	.03183	.003479	.0012032	.63698	.027987
%RSD	.9026300	9.888615	.2924899	38.78539	.5607066	.7475722	1.007805

#1	.2518951	-.032947	10.84644	-.008473	.2153782	85.88463	2.807822
#2	.2555063	-.029765	10.89365	-.012672	.2132053	84.62061	2.753162
#3	.2561610	-.027036	10.90703	-.005767	.2151874	85.11501	2.770051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109189	.1556093	70.86240	.1219800	.0971196	1.492525	224.0494
Stddev	.0001700	.0001181	.38522	.0011334	.0004743	.011606	1.8861
%RSD	1.557301	.0759162	.5436208	.9291356	.4883964	.7775944	.8418307

#1	.0109211	.1554995	71.30552	.1213551	.0968285	1.504539	226.1543
#2	.0107478	.1557343	70.67450	.1212966	.0968633	1.481376	222.5129
#3	.0110878	.1555940	70.60719	.1232882	.0976670	1.491658	223.4810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.200346	23.10812	.2235098	.0173818	3.713521	.2503073	16.09865
Stddev	.051063	.19055	.0004156	.0001653	.066663	.0030048	.02070
%RSD	.7091746	.8246197	.1859588	.9508549	1.795151	1.200453	.1285920

#1	7.258945	23.32767	.2235209	.0173314	3.754040	.2511465	16.10578
#2	7.165383	22.98562	.2230887	.0175664	3.749941	.2469721	16.11485
#3	7.176711	23.01109	.2239198	.0172476	3.636581	.2528034	16.07533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.02527	.8613252	-.496055	.0219691	10.27835	2.986014	.2387742
Stddev	.15707	.0034549	.004915	.0003699	.02442	.021158	.0021034
%RSD	.9801087	.4011185	.9908363	1.683489	.2376145	.7085633	.8809325

#1	16.20617	.8598954	-.500599	.0218390	10.26682	3.005132	.2378067
#2	15.92367	.8588146	-.490838	.0223864	10.26182	2.963282	.2373286
#3	15.94596	.8652655	-.496729	.0216818	10.30640	2.989628	.2411873

Sample Name: I4269-05 Acquired: 8/4/2017 13:08:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7B2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.154176	.0075609	.0397590
Stddev	.006890	.0001043	.0003815
%RSD	.5969337	1.378971	.9594678

#1	1.159481	.0076796	.0401647
#2	1.146390	.0074842	.0394076
#3	1.156659	.0075189	.0397048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.7749	1979.640	38776.99	11546.69	2642.984
Stddev	3.2573	11.075	102.59	87.26	7.829
%RSD	.3469708	.5594648	.2645697	.7557545	.2962333

#1	935.8809	1974.197	38675.13	11446.86	2640.296
#2	938.1415	1992.384	38775.53	11608.45	2651.803
#3	942.3024	1972.339	38880.30	11584.75	2636.852

Sample Name: I4269-06 Acquired: 8/4/2017 13:12:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935009	-.031876	6.107739	-.010014	.0245973	86.02464	2.779090
Stddev	.0029204	.006661	.017577	.000827	.0003523	.15168	.003014
%RSD	1.509245	20.89495	.2877757	8.260790	1.432173	.1763203	.1084391

#1	.1903499	-.039536	6.109904	-.010935	.0249843	86.16558	2.776365
#2	.1961167	-.028645	6.089180	-.009772	.0242954	85.86412	2.778578
#3	.1940361	-.027448	6.124133	-.009335	.0245122	86.04420	2.782327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102451	.1422922	65.68146	.1307527	.1069408	1.290213	219.6773
Stddev	.0001455	.0006155	.15302	.0007658	.0001792	.002656	.4799
%RSD	1.420589	.4325695	.2329741	.5856509	.1675410	.2058512	.2184788

#1	.0103859	.1425367	65.85814	.1316362	.1068243	1.291606	219.8967
#2	.0100953	.1415920	65.59504	.1303415	.1071471	1.287151	219.1269
#3	.0102541	.1427479	65.59121	.1302804	.1068509	1.291883	220.0084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.118752	24.26418	.2314201	.0122840	3.519257	.2573681	14.22910
Stddev	.021677	.04878	.0013729	.0002088	.054627	.0013307	.09165
%RSD	.2670019	.2010317	.5932482	1.699730	1.552226	.5170598	.6441054

#1	8.138679	24.31798	.2304409	.0124642	3.530394	.2579649	14.15167
#2	8.095670	24.22284	.2308300	.0120552	3.459919	.2558434	14.33029
#3	8.121905	24.25171	.2329894	.0123326	3.567456	.2582961	14.20533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.23017	.8713058	-.495628	.0171601	7.434314	3.381634	.1963100
Stddev	.02091	.0031920	.002482	.0001054	.028068	.027434	.0034335
%RSD	.1147045	.3663427	.5007407	.6142341	.3775418	.8112567	1.749022

#1	18.21194	.8679039	-.495346	.0172713	7.405705	3.409251	.1965722
#2	18.25300	.8717783	-.493299	.0171475	7.435430	3.354387	.1927529
#3	18.22557	.8742352	-.498239	.0170616	7.461807	3.381264	.1996049

Sample Name: I4269-06 Acquired: 8/4/2017 13:12:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7B3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.158043	.0077158	.0380831
Stddev	.002999	.0000222	.0000431
%RSD	.2590076	.2879818	.1131744

#1	1.160530	.0077379	.0380637
#2	1.154712	.0077162	.0380530
#3	1.158886	.0076935	.0381324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	944.9230	1991.494	38924.49	11557.70	2635.750
Stddev	5.8768	3.686	86.53	45.67	5.025
%RSD	.6219345	.1851078	.2222919	.3951755	.1906502

#1	949.4303	1995.751	38896.16	11505.79	2634.606
#2	938.2762	1989.380	38855.68	11591.73	2641.248
#3	947.0624	1989.352	39021.63	11575.56	2631.395

Sample Name: I4269-07 Acquired: 8/4/2017 13:16:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1209297	-.028387	3.117217	-.008811	.0111079	89.48216	2.471213
Stddev	.0060193	.002325	.010135	.002842	.0005475	.07640	.001669
%RSD	4.977499	8.190588	.3251422	32.25812	4.928606	.0853810	.0675433

#1	.1203006	-.026542	3.125861	-.009851	.0109406	89.46266	2.473075
#2	.1272389	-.030999	3.106062	-.010987	.0106637	89.56642	2.470709
#3	.1152498	-.027621	3.119726	-.005595	.0117195	89.41740	2.469853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095364	.0762482	74.12829	.1200815	.1009402	1.020493	204.5933
Stddev	.0002291	.0007290	.30183	.0007144	.0006080	.003893	.6523
%RSD	2.402483	.9561017	.4071692	.5949394	.6022900	.3815003	.3188280

#1	.0097766	.0769793	74.13953	.1208548	.1011214	1.024687	204.6892
#2	.0095125	.0755213	74.42434	.1199435	.1002622	1.019796	205.1924
#3	.0093202	.0762439	73.82100	.1194461	.1014369	1.016995	203.8984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.070178	26.90720	.2392895	.0078889	3.961385	.2445869	12.98505
Stddev	.024365	.04784	.0000679	.0001837	.015760	.0008185	.08631
%RSD	.3019160	.1778145	.0283982	2.328087	.3978296	.3346416	.6647044

#1	8.061681	26.96182	.2393609	.0080991	3.974617	.2436536	12.89299
#2	8.097653	26.87267	.2392820	.0078077	3.965587	.2449243	12.99800
#3	8.051198	26.88712	.2392256	.0077598	3.943950	.2451827	13.06415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.47811	.7113947	-.407531	.0131095	5.061729	6.850568	.0316110
Stddev	.02383	.0031674	.001035	.0001306	.007499	.034928	.0016100
%RSD	.1363670	.4452308	.2538606	.9959664	.1481416	.5098575	5.093271

#1	17.45078	.7148033	-.407078	.0129622	5.070344	6.855845	.0297596
#2	17.49457	.7085422	-.408714	.0132110	5.058179	6.882557	.0323901
#3	17.48899	.7108385	-.406799	.0131553	5.056666	6.813301	.0326833

Sample Name: I4269-07 Acquired: 8/4/2017 13:16:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7B4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.231248	.0090060	.0397774
Stddev	.001243	.0000932	.0000357
%RSD	.1009939	1.035012	.0897808

#1	1.231265	.0089662	.0398095
#2	1.232484	.0089392	.0397390
#3	1.229997	.0091125	.0397839

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.8826	2025.590	39348.00	11665.55	2640.346
Stddev	6.9067	3.843	79.96	28.85	2.880
%RSD	.7210430	.1897461	.2032141	.2473141	.1090709

#1	964.5350	2028.579	39387.00	11657.87	2638.080
#2	958.3658	2021.255	39400.98	11641.31	2643.587
#3	950.7469	2026.938	39256.03	11697.46	2639.372

Sample Name: I4270-07 Acquired: 8/4/2017 13:20:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1405962	-.016083	4.130699	-.008467	.0083200	47.59650	1.543201
Stddev	.0023442	.004071	.024730	.005309	.0008988	.21639	.004988
%RSD	1.667348	25.31007	.5986760	62.70847	10.80248	.4546299	.3232406

#1	.1382874	-.017601	4.143838	-.005907	.0072978	47.83129	1.547355
#2	.1429743	-.019176	4.102174	-.014571	.0086761	47.40509	1.537669
#3	.1405268	-.011471	4.146086	-.004922	.0089862	47.55312	1.544579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061930	.0377098	32.55887	.0675478	.0558613	.7793632	146.7364
Stddev	.0000820	.0001640	.25692	.0012048	.0007172	.0009980	.7178
%RSD	1.324540	.4348801	.7891024	1.783657	1.283921	.1280532	.4891743

#1	.0061734	.0378812	32.82060	.0682945	.0565383	.7791858	147.3190
#2	.0062831	.0376938	32.30704	.0661579	.0551097	.7784659	145.9346
#3	.0061226	.0375544	32.54897	.0681911	.0559359	.7804381	146.9557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.607374	19.50764	.1288651	.0124721	1.915881	.1472702	13.26705
Stddev	.011507	.11053	.0004193	.0000528	.065357	.0030790	.18309
%RSD	.3189842	.5665864	.3253651	.4231731	3.411332	2.090711	1.380003

#1	3.612971	19.58896	.1293248	.0125330	1.840805	.1504892	13.38187
#2	3.594139	19.38180	.1287666	.0124398	1.960072	.1443534	13.05591
#3	3.615011	19.55216	.1285038	.0124435	1.946766	.1469681	13.36337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.46608	.8351589	-.308200	.0369560	5.360214	1.498104	.0519723
Stddev	.07892	.0029066	.002425	.0004838	.009759	.018054	.0019614
%RSD	.5860826	.3480256	.7867732	1.309089	.1820573	1.205132	3.773994

#1	13.53639	.8336562	-.310799	.0375065	5.354865	1.518852	.0542082
#2	13.48114	.8333112	-.305998	.0365987	5.354299	1.485973	.0511674
#3	13.38071	.8385091	-.307803	.0367627	5.371477	1.489486	.0505414

Sample Name: I4270-07 Acquired: 8/4/2017 13:20:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7E7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5213855	.0046637	.0206421
Stddev	.0043860	.0000174	.0001239
%RSD	.8412238	.3723937	.6001583

#1	.5264311	.0046805	.0207609
#2	.5184838	.0046648	.0205137
#3	.5192416	.0046458	.0206518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.2087	1954.084	37964.94	11127.80	2808.655
Stddev	11.1213	9.323	348.63	53.10	14.258
%RSD	1.194290	.4770951	.9183035	.4771629	.5076335

#1	927.2287	1956.598	37834.39	11070.49	2803.372
#2	943.7725	1961.892	38360.01	11175.32	2824.800
#3	922.6250	1943.762	37700.43	11137.60	2797.794

Sample Name: I4286-02 Acquired: 8/4/2017 13:24:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0962867	-.010433	2.296660	-.003549	.0106747	34.39836	1.121914
Stddev	.0020803	.003238	.008821	.005329	.0012569	.12192	.003831
%RSD	2.160559	31.03068	.3841005	150.1698	11.77468	.3544291	.3414335

#1	.0970634	-.010541	2.297434	-.009696	.0092602	34.27225	1.118255
#2	.0939298	-.007143	2.287477	-.000716	.0111005	34.51560	1.125895
#3	.0978669	-.013616	2.305069	-.000235	.0116633	34.40724	1.121592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047078	.3436229	115.9404	.0666527	.0475848	1.957551	107.6137
Stddev	.0001220	.0003971	.9519	.0004270	.0004002	.005049	.6039
%RSD	2.591755	.1155612	.8210247	.6405606	.8409122	.2579313	.5611647

#1	.0045789	.3435773	117.0390	.0670483	.0476228	1.951954	108.3064
#2	.0048216	.3440408	115.4209	.0667096	.0479646	1.961763	107.3367
#3	.0047227	.3432505	115.3612	.0662001	.0471670	1.958936	107.1980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.418570	60.78744	.1216285	.0163247	1.659134	.1595956	20.78849
Stddev	.018553	.06981	.0002508	.0001248	.182653	.0030689	.33285
%RSD	.5427187	.1148367	.2061969	.7643574	11.00895	1.922943	1.601128

#1	3.436564	60.83491	.1218476	.0162728	1.664024	.1562804	21.16500
#2	3.419642	60.82013	.1213550	.0162343	1.839292	.1623374	20.53336
#3	3.399504	60.70729	.1216829	.0164671	1.474084	.1601688	20.66713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821936	.6092626	-.224638	.0084407	8.761126	1.796302	.0928772
Stddev	.038435	.0015182	.002410	.0003980	.016619	.022321	.0011642
%RSD	.7970951	.2491872	1.072684	4.715484	.1896959	1.242595	1.253514

#1	4.780638	.6110148	-.222330	.0080780	8.752732	1.771010	.0920105
#2	4.856661	.6083391	-.227137	.0083775	8.750378	1.813242	.0924206
#3	4.828509	.6084339	-.224447	.0088665	8.780268	1.804656	.0942006

Sample Name: I4286-02 Acquired: 8/4/2017 13:24:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7R7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6759278	.0038013	.0206661
Stddev	.0019058	.0000771	.0000622
%RSD	.2819564	2.028850	.3008916

#1	.6760143	.0037125	.0205997
#2	.6777889	.0038505	.0207229
#3	.6739802	.0038411	.0206758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.8738	1887.450	36492.72	10936.12	2656.332
Stddev	8.6819	7.549	321.99	55.93	8.357
%RSD	.9756348	.3999708	.8823319	.5114240	.3146221

#1	880.7639	1892.798	36121.01	10998.20	2662.760
#2	898.0526	1890.737	36685.68	10920.49	2659.350
#3	890.8050	1878.814	36671.47	10889.66	2646.884

Sample Name: I4286-03 Acquired: 8/4/2017 13:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3290233	-.046342	6.685813	-.010970	.0580042	74.92719
Stddev	.0011964	.002959	.012923	.001865	.0003755	.39597
%RSD	.3636278	6.385953	.1932903	17.00128	.6474151	.5284758

#1	.3279471	-.043894	6.679239	-.012202	.0575789	75.37794
#2	.3288113	-.045502	6.677498	-.011882	.0581434	74.76827
#3	.3303116	-.049631	6.700701	-.008824	.0582902	74.63537

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.854442	.0147309	.8106985	72.43399	.0992236	.1519737
Stddev	.020452	.0001323	.0007190	.49564	.0009021	.0007274
%RSD	.7164987	.8983880	.0886940	.6842643	.9091510	.4786430

#1	2.877966	.0147067	.8114473	71.86244	.1000720	.1519313
#2	2.844480	.0148737	.8100134	72.69407	.0982760	.1512685
#3	2.840880	.0146124	.8106348	72.74545	.0993228	.1527214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.074277	349.7683	3.571413	24.54115	.2673864	.1010851
Stddev	.062243	1.0360	.010566	.05731	.0002009	.0003043
%RSD	.7708827	.2961819	.2958419	.2335433	.0751167	.3009851

#1	8.145969	348.9417	3.565576	24.53801	.2674283	.1014189
#2	8.034035	349.4328	3.565054	24.48547	.2675631	.1010131
#3	8.042826	350.9305	3.583610	24.59997	.2671679	.1008234

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.430358	.2678021	F 41.27161	12.09096	2.599343	-.585431
Stddev	.073630	.0024245	.24034	.13402	.004477	.002872
%RSD	1.355892	.9053265	.5823386	1.108395	.1722461	.4905719

#1	5.369446	.2695461	41.02984	12.24568	2.604418	-.588539
#2	5.409448	.2650335	41.27450	12.01622	2.595949	-.584877
#3	5.512182	.2688267	41.51050	12.01098	2.597663	-.582876

Sample Name: I4286-03 Acquired: 8/4/2017 13:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7R8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987838	27.45419	2.861067	.1314461	1.409895	.0056740
Stddev	.0006503	.08305	.018214	.0021605	.005642	.0000800
%RSD	.6583047	.3024991	.6366051	1.643644	.4001962	1.410579

#1	.0980956	27.48027	2.880118	.1330619	1.416299	.0057663
#2	.0988677	27.36124	2.843825	.1322844	1.407734	.0056236
#3	.0993881	27.52108	2.859259	.1289921	1.405653	.0056321

Elem	Sr4077
Units	ppm
Avg	.0567668
Stddev	.0004216
%RSD	.7426250

#1	.0572260
#2	.0566772
#3	.0563973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.5135	1881.048	37247.96	11071.30	2582.862
Stddev	1.1150	2.121	26.30	45.18	3.060
%RSD	.1256363	.1127599	.0706037	.4080405	.1184764

#1	887.6313	1878.698	37224.83	11023.07	2579.333
#2	888.5650	1882.820	37242.49	11078.22	2584.788
#3	886.3443	1881.627	37276.56	11112.62	2584.464

Sample Name: I4286-09 Acquired: 8/4/2017 13:32:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1453158	-.026302	3.178287	-.006185	.0147660	39.46536	1.254435
Stddev	.0036733	.004024	.004725	.002265	.0000501	.19305	.009030
%RSD	2.527832	15.30007	.1486778	36.61516	.3390546	.4891556	.7198127

#1	.1491108	-.025343	3.173299	-.007094	.0148117	39.58701	1.263409
#2	.1450589	-.022843	3.178867	-.003607	.0147125	39.24277	1.245351
#3	.1417776	-.030718	3.182696	-.007853	.0147739	39.56630	1.254546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074309	.1300843	86.52801	.1600485	.0623666	4.299501	192.4164
Stddev	.0000217	.0010691	.56562	.0022229	.0002925	.017718	1.2718
%RSD	.2919075	.8218768	.6536857	1.388913	.4689472	.4120838	.6609841

#1	.0074560	.1291008	86.58003	.1606367	.0624380	4.319770	193.0633
#2	.0074186	.1312223	85.93817	.1619182	.0626167	4.286960	190.9511
#3	.0074182	.1299298	87.06582	.1575906	.0620450	4.291773	193.2347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.647305	44.49176	.1836230	.0338886	2.616307	.1652192	10.32906
Stddev	.019159	.21562	.0004950	.0003275	.037892	.0025746	.00250
%RSD	.7237175	.4846211	.2695863	.9664093	1.448290	1.558304	.0241937

#1	2.656742	44.58807	.1830532	.0341593	2.631268	.1644752	10.33094
#2	2.625258	44.24477	.1839468	.0339820	2.644435	.1630986	10.32622
#3	2.659915	44.64244	.1838691	.0335245	2.573219	.1680839	10.33002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125581	.9650738	-.351118	.0462671	11.53499	2.138839	.1438726
Stddev	.014297	.0051100	.003923	.0003145	.05022	.021232	.0024432
%RSD	.2789366	.5294935	1.117298	.6798437	.4354064	.9926805	1.698179

#1	5.141986	.9611257	-.355000	.0459106	11.49656	2.128514	.1412316
#2	5.118983	.9632504	-.347155	.0465056	11.51658	2.124744	.1443338
#3	5.115775	.9708455	-.351200	.0463850	11.59182	2.163259	.1460523

Sample Name: I4286-09 Acquired: 8/4/2017 13:32:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7S2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9199783	.0035607	.0254616
Stddev	.0060063	.0000231	.0000827
%RSD	.6528738	.6497589	.3246235

#1	.9249133	.0035854	.0255428
#2	.9132906	.0035573	.0253776
#3	.9217309	.0035395	.0254643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.7801	1877.249	36803.71	10941.82	2678.328
Stddev	5.8145	5.762	324.06	38.10	4.095
%RSD	.6498297	.3069600	.8804988	.3482084	.1528870

#1	888.2074	1876.406	36559.12	10911.58	2681.716
#2	896.8798	1883.386	36680.77	10984.62	2679.490
#3	899.2532	1871.955	37171.25	10929.28	2673.777

Sample Name: I4286-10 Acquired: 8/4/2017 13:36:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2506465	-.066433	5.657986	-.020068	.0475861	55.26687	2.363008
Stddev	.0038918	.003939	.018639	.001529	.0014999	.09949	.009676
%RSD	1.552710	5.928611	.3294304	7.617000	3.151934	.1800256	.4094835

#1	.2550175	-.062563	5.678135	-.018397	.0470285	55.33042	2.372921
#2	.2493650	-.066298	5.641360	-.021395	.0492850	55.31798	2.353588
#3	.2475571	-.070437	5.654463	-.020412	.0464449	55.15221	2.362515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117167	.1945366	44.41218	.1173705	.0934296	13.57343	487.6833
Stddev	.0000249	.0013462	.39038	.0015340	.0004043	.04368	.6121
%RSD	.2125028	.6920261	.8789844	1.306946	.4327519	.3218396	.1255066

#1	.0117293	.1960139	44.01705	.1184402	.0934114	13.62328	487.0913
#2	.0116881	.1933789	44.79763	.1156130	.0930347	13.54185	488.3136
#3	.0117329	.1942170	44.42185	.1180583	.0938427	13.55515	487.6450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.818591	19.61403	.2323020	.1378181	8.212826	.2252999	18.76547
Stddev	.003761	.01866	.0010488	.0006158	.072144	.0035011	.12312
%RSD	.1334334	.0951148	.4514753	.4468514	.8784274	1.553953	.6561072

#1	2.818565	19.59348	.2332539	.1372961	8.131331	.2264943	18.82016
#2	2.822364	19.61869	.2311777	.1384973	8.238619	.2280475	18.85178
#3	2.814843	19.62991	.2324744	.1376607	8.268528	.2213580	18.62448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.373578	1.445734	-1.16645	.0837034	21.72809	1.741024	.5789362
Stddev	.026874	.001704	.00811	.0006952	.00510	.006951	.0026417
%RSD	.3209370	.1178893	.6955192	.8305233	.0234493	.3992472	.4562979

#1	8.399308	1.443783	-1.16892	.0844654	21.72291	1.743204	.5786542
#2	8.345690	1.446490	-1.17304	.0831037	21.73309	1.746623	.5817076
#3	8.375735	1.446931	-1.15739	.0835413	21.72828	1.733244	.5764469

Sample Name: I4286-10 Acquired: 8/4/2017 13:36:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.167032	.0052134	.0478176
Stddev	.003883	.0000311	.0000942
%RSD	.3326947	.5965584	.1969751

#1	1.169490	.0052474	.0479014
#2	1.169051	.0052065	.0478359
#3	1.162556	.0051864	.0477156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	860.4842	1823.636	36090.64	10740.17	2624.920
Stddev	5.9659	6.921	23.49	16.95	7.901
%RSD	.6933144	.3795230	.0650823	.1577882	.3009834

#1	853.9374	1823.475	36075.39	10733.24	2617.368
#2	861.9011	1816.797	36078.85	10727.79	2624.263
#3	865.6140	1830.636	36117.69	10759.49	2633.128

Sample Name: I4286-11 Acquired: 8/4/2017 13:40:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005462	-.023094	.8745965	-.008451	.0117381	53.69210	1.369346
Stddev	.0051078	.002305	.0016478	.003720	.0011975	.33586	.009081
%RSD	5.080075	9.978867	.1884070	44.01709	10.20208	.6255357	.6631980

#1	.0974878	-.025013	.8734256	-.004613	.0129448	53.48476	1.363745
#2	.0977078	-.023732	.8738832	-.012041	.0105499	54.07960	1.379824
#3	.1064428	-.020538	.8764808	-.008698	.0117194	53.51193	1.364470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074563	.1852732	49.65595	.0708847	.2024677	1.364084	177.3727
Stddev	.0002088	.0008636	.26986	.0004164	.0008625	.012685	1.1511
%RSD	2.800026	.4661270	.5434595	.5874586	.4259947	.9298955	.6489939

#1	.0073186	.1859783	49.69931	.0707094	.2029168	1.354023	176.9022
#2	.0076965	.1843100	49.90150	.0705845	.2014733	1.378333	178.6846
#3	.0073538	.1855314	49.36703	.0713601	.2030130	1.359896	176.5314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.385541	15.65224	.1942937	.0114002	2.240279	.1767963	9.773999
Stddev	.029150	.09113	.0004012	.0002395	.055562	.0012450	.074856
%RSD	.5412605	.5822450	.2064858	2.101147	2.480155	.7042309	.7658643

#1	5.382295	15.57263	.1938702	.0113370	2.180458	.1781434	9.859196
#2	5.416178	15.75164	.1943429	.0116649	2.250109	.1756878	9.744027
#3	5.358150	15.63243	.1946681	.0111985	2.290271	.1765579	9.718773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.873385	.5411609	-.310618	.0532399	4.136978	4.001304	.0163548
Stddev	.100322	.0018061	.002398	.0005860	.008014	.031863	.0008504
%RSD	1.130592	.3337503	.7721471	1.100716	.1937160	.7963140	5.199663

#1	8.788380	.5396839	-.308529	.0525636	4.134874	3.983382	.0153729
#2	8.984043	.5406243	-.313237	.0535984	4.130225	4.038092	.0168507
#3	8.847734	.5431745	-.310087	.0535576	4.145834	3.982439	.0168409

Sample Name: I4286-11 Acquired: 8/4/2017 13:40:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.082318	.0050164	.0287897
Stddev	.004841	.0000494	.0001667
%RSD	.4472464	.9847406	.5788807

#1	1.078550	.0049667	.0287095
#2	1.087778	.0050655	.0289813
#3	1.080627	.0050170	.0286784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	944.2403	1990.150	38169.09	11231.29	2778.288
Stddev	3.6459	1.433	106.31	63.63	5.371
%RSD	.3861148	.0720126	.2785137	.5665244	.1933189

#1	940.0309	1988.992	38061.21	11249.28	2774.332
#2	946.4012	1989.704	38273.75	11160.60	2784.402
#3	946.2887	1991.753	38172.30	11283.98	2776.129

Sample Name: I4286-14 Acquired: 8/4/2017 13:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2704414	-.025346	1.739956	-.003198	.0174379	45.31258	.8768762
Stddev	.0041421	.002427	.014824	.002103	.0007813	.24581	.0051413
%RSD	1.531602	9.575094	.8520011	65.74988	4.480726	.5424691	.5863210

#1	.2696322	-.027864	1.722928	-.003609	.0171705	45.03685	.8709951
#2	.2667636	-.023022	1.746952	-.005065	.0183178	45.39212	.8791152
#3	.2749283	-.025152	1.749988	-.000920	.0168254	45.50877	.8805184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059834	.5190215	92.46219	.0648011	.1723934	8.993622	169.3773
Stddev	.0000557	.0057898	.64688	.0004098	.0022245	.047322	1.1994
%RSD	.9302217	1.115519	.6996201	.6323136	1.290334	.5261738	.7081119

#1	.0059318	.5123372	91.84419	.0643613	.1698354	8.941402	168.1295
#2	.0059759	.5224721	92.40785	.0651721	.1738737	9.005794	169.4810
#3	.0060424	.5222552	93.13453	.0648698	.1734711	9.033668	170.5215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.535882	55.27636	.1851592	.0170069	2.269603	.1513487	26.75096
Stddev	.015040	.29193	.0012159	.0002435	.017288	.0007533	.16318
%RSD	.5930867	.5281192	.6567039	1.431498	.7616996	.4977406	.6100146

#1	2.519256	54.97353	.1837599	.0169359	2.249756	.1505259	26.71629
#2	2.539847	55.29956	.1857589	.0172779	2.281382	.1520045	26.92870
#3	2.548542	55.55600	.1859588	.0168068	2.277671	.1515155	26.60790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.340641	.5102088	-.380431	.0142763	6.635781	2.303553	.0194994
Stddev	.033783	.0028180	.001301	.0001751	.060410	.012924	.0009597
%RSD	.6325681	.5523141	.3420624	1.226351	.9103693	.5610492	4.921509

#1	5.307104	.5069661	-.378966	.0141923	6.566472	2.293922	.0183957
#2	5.340154	.5115962	-.380877	.0141590	6.677256	2.318241	.0201366
#3	5.374665	.5120640	-.381452	.0144775	6.663617	2.298496	.0199660

Sample Name: I4286-14 Acquired: 8/4/2017 13:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8422964	.0048714	.0271294
Stddev	.0034786	.0000429	.0001529
%RSD	.4129921	.8815660	.5636903

#1	.8385578	.0048856	.0269660
#2	.8428937	.0049053	.0271532
#3	.8454377	.0048231	.0272691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.9045	1945.069	37372.30	11086.81	2682.722
Stddev	7.5865	12.595	289.75	39.82	22.057
%RSD	.8274052	.6475263	.7752969	.3591205	.8221714

#1	917.9804	1959.470	37444.82	11130.74	2708.114
#2	908.8374	1939.628	37053.19	11076.59	2671.737
#3	923.8955	1936.110	37618.90	11053.11	2668.315

Sample Name: I4286-15 Acquired: 8/4/2017 13:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.538825	-.030270	11.43413	-.003201	.0570936	47.67449
Stddev	.013323	.001794	.01880	.000884	.0025518	.18279
%RSD	.5247591	5.925388	.1643846	27.61302	4.469470	.3834177

#1	2.532989	-.031547	11.44797	-.002635	.0578158	47.87323
#2	2.529416	-.028219	11.41273	-.004219	.0592065	47.51355
#3	2.554070	-.031043	11.44168	-.002748	.0542586	47.63670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.477533	.0102934	F 5.923609	243.6283	-.041448	.4702479
Stddev	.008385	.0001242	.015037	1.6360	.001007	.0010944
%RSD	.5675111	1.207005	.2538445	.6714957	2.429211	.2327213

#1	1.486583	.0102456	5.934838	245.2753	-.041426	.4714813
#2	1.470027	.0104344	5.906526	243.6060	-.040452	.4698690
#3	1.475988	.0102001	5.929464	242.0036	-.042466	.4693933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 92.63154	217.5187	2.546123	58.01531	.3026755	.1117133
Stddev	.44127	1.5754	.017416	.38180	.0010791	.0005023
%RSD	.4763742	.7242615	.6840358	.6581084	.3565164	.4496201

#1	93.09132	219.1721	2.566186	58.39576	.3028893	.1121775
#2	92.21146	217.3489	2.537300	58.01799	.3015055	.1117823
#3	92.59186	216.0350	2.534885	57.63217	.3036317	.1111801

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.673779	.1906683	F 68.70059	4.565913	1.205908	-.246309
Stddev	.091299	.0022311	.03042	.023176	.001851	.001870
%RSD	2.485141	1.170145	.0442786	.5075775	.1534574	.7590843

#1	3.656843	.1930991	68.73381	4.592184	1.203787	-.248463
#2	3.772359	.1901919	68.67410	4.557192	1.206742	-.245110
#3	3.592134	.1887139	68.69387	4.548363	1.207194	-.245354

Sample Name: I4286-15 Acquired: 8/4/2017 13:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7S8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794003	11.78406	3.412104	.0896036	1.635964	.0044383
Stddev	.0004473	.00956	.022882	.0009418	.006147	.0000298
%RSD	.5633402	.0811508	.6706179	1.051027	.3757648	.6711276

#1	.0789790	11.79253	3.431461	.0888935	1.641669	.0044651
#2	.0793522	11.77369	3.418001	.0892454	1.636769	.0044062
#3	.0798697	11.78596	3.386851	.0906719	1.629454	.0044436

Elem	Sr4077
Units	ppm
Avg	.0544092
Stddev	.0003603
%RSD	.6621579

#1	.0548219
#2	.0542480
#3	.0541576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.7930	1792.705	36088.40	10839.61	2549.068
Stddev	.6310	4.187	23.49	67.06	7.827
%RSD	.0728820	.2335412	.0650903	.6186620	.3070628

#1	865.7655	1787.944	36063.36	10772.91	2541.296
#2	866.4373	1795.815	36109.95	10838.90	2556.950
#3	865.1762	1794.355	36091.88	10907.03	2548.958

Sample Name: I4288-06 Acquired: 8/4/2017 13:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2402075	-.040883	12.20887	-.008106	.0152637	80.24420	1.368141
Stddev	.0059956	.003678	.04008	.002565	.0021877	4.48350	.077211
%RSD	2.496029	8.996561	.3282627	31.63562	14.33260	5.587322	5.643507

#1	.2425049	-.040600	12.18502	-.005234	.0176721	85.31741	1.455200
#2	.2447147	-.037354	12.18645	-.008917	.0133993	78.60130	1.341257
#3	.2334029	-.044694	12.25514	-.010167	.0147199	76.81390	1.307966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096942	.0774831	255.7203	.0658847	.1125496	1.702394	256.3954
Stddev	.0002561	.0005166	14.3339	.0046367	.0006523	.094577	14.4363
%RSD	2.641880	.6667157	5.605319	7.037543	.5795852	5.555513	5.630479

#1	.0099900	.0770689	272.0426	.0607680	.1118957	1.808895	272.8012
#2	.0095459	.0773185	249.9358	.0670779	.1125527	1.670070	250.7510
#3	.0095468	.0780620	245.1825	.0698081	.1132003	1.628217	245.6342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.391712	15.23364	.1933859	.0217479	3.311886	.2217919	20.93921
Stddev	.353558	.85313	.0004948	.0003498	.304727	.0108182	.34182
%RSD	5.531509	5.600301	.2558499	1.608287	9.201021	4.877640	1.632446

#1	6.792863	16.20416	.1935925	.0220877	3.630294	.2341017	20.58016
#2	6.256803	14.89469	.1928213	.0217671	3.282379	.2174773	20.97676
#3	6.125470	14.60208	.1937439	.0213889	3.022986	.2137968	21.26070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.937264	10.73043	-.585574	.0271671	11.31105	2.613759	.0408444
Stddev	.494960	.02065	.021309	.0001574	.03668	.088992	.0008825
%RSD	6.235908	.1924412	3.639056	.5794804	.3242626	3.404759	2.160563

#1	8.493033	10.71301	-.610146	.0273440	11.27067	2.715943	.0415169
#2	7.774819	10.72503	-.574400	.0270424	11.32016	2.572066	.0411711
#3	7.543939	10.75324	-.572176	.0271150	11.34231	2.553267	.0398451

Sample Name: I4288-06 Acquired: 8/4/2017 13:52:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7Y3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.299105	.0057893	.0956455
Stddev	.072178	.0003818	.0053287
%RSD	5.556003	6.594876	5.571277

#1	1.380800	.0062215	.1016608
#2	1.272544	.0056486	.0937587
#3	1.243970	.0054978	.0915169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.168	2211.840	44634.38	12871.07	2471.211
Stddev	27.531	8.391	1107.47	578.82	9.904
%RSD	2.546388	.3793474	2.481199	4.497053	.4007572

#1	1111.309	2210.936	45856.66	12216.05	2468.793
#2	1074.848	2220.646	44348.83	13083.49	2482.100
#3	1057.347	2203.939	43697.65	13313.67	2462.741

Sample Name: I4288-07 Acquired: 8/4/2017 13:56:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1872298	-.018684	6.477571	-.014721	.0150419	50.49420
Stddev	.0072895	.006560	.084950	.004740	.0016684	.15219
%RSD	3.893336	35.11073	1.311443	32.20031	11.09201	.3013941

#1	.1956454	-.011132	6.502835	-.012664	.0137157	50.39178
#2	.1831610	-.021955	6.382855	-.020142	.0144949	50.42174
#3	.1828829	-.022966	6.547022	-.011356	.0169152	50.66907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.273992	.0071060	.3319155	F 1616.812	.0999605	.1768465
Stddev	.001639	.0001908	.0044988	14.849	.0010070	.0024836
%RSD	.1286303	2.685555	1.355406	.9184180	1.007398	1.404381

#1	1.275549	.0069176	.3337009	1600.069	.0989262	.1783043
#2	1.272282	.0071013	.3267981	1621.983	.1000175	.1739788
#3	1.274145	.0072992	.3352476	1628.384	.1009378	.1782564

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879491	270.7146	6.573211	87.38455	.1862011	.0087878
Stddev	.009622	.4927	.016269	.04181	.0026726	.0003106
%RSD	.1971971	.1819846	.2475043	.0478498	1.435306	3.534014

#1	4.875444	270.7340	6.586723	87.43251	.1867055	.0090174
#2	4.872553	271.1973	6.577759	87.36544	.1833123	.0089115
#3	4.890476	270.2126	6.555152	87.35571	.1885856	.0084344

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.727618	1.338555	F 98.38153	7.866644	.8106953	-.651789
Stddev	.079887	.003830	.22582	.025916	.0132843	.003031
%RSD	1.689800	.2861619	.2295390	.3294442	1.638635	.4650862

#1	4.762607	1.335158	98.52165	7.892742	.8179710	-.652740
#2	4.636206	1.342706	98.50192	7.840914	.7953625	-.654231
#3	4.784041	1.337799	98.12102	7.866276	.8187523	-.648396

Sample Name: I4288-07 Acquired: 8/4/2017 13:56:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418866	17.31668	6.244814	.0308757	1.590875	.0066740
Stddev	.0010503	.26851	.033954	.0012567	.003693	.0000483
%RSD	2.507447	1.550603	.5437182	4.070036	.2321562	.7241602

#1	.0426906	17.43785	6.256739	.0307034	1.593886	.0066849
#2	.0406982	17.00894	6.271198	.0297140	1.586754	.0066211
#3	.0422708	17.50325	6.206506	.0322095	1.591984	.0067159

Elem	Sr4077
Units	ppm
Avg	.2298492
Stddev	.0005541
%RSD	.2410842

#1	.2292118
#2	.2302164
#3	.2301195

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.9422	1665.676	32231.09	10121.09	2048.541
Stddev	2.6611	16.337	27.99	10.68	26.536
%RSD	.3355921	.9807988	.0868267	.1055466	1.295383

#1	790.2478	1655.336	32262.49	10131.69	2032.668
#2	793.0103	1684.510	32222.02	10110.33	2079.176
#3	795.5686	1657.181	32208.77	10121.24	2033.779

Sample Name: I4288-08 Acquired: 8/4/2017 14:00:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2088319	-.032551	9.200750	-.016951	.0106226	50.60191
Stddev	.0044863	.002310	.007412	.001524	.0013641	.06994
%RSD	2.148299	7.097860	.0805600	8.992692	12.84167	.1382091

#1	.2120198	-.029892	9.195410	-.017897	.0111241	50.68129
#2	.2037017	-.034072	9.209213	-.017764	.0116650	50.54937
#3	.2107743	-.033689	9.197629	-.015192	.0090787	50.57506

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9974577	.0081516	.3120754	291.3922	-.007701	.2181710
Stddev	.0020461	.0000694	.0005646	.2724	.000328	.0003916
%RSD	.2051302	.8518713	.1809153	.0934907	4.265463	.1795103

#1	.9957595	.0082316	.3115409	291.7068	-.007716	.2180464
#2	.9968842	.0081174	.3120195	291.2359	-.008021	.2178568
#3	.9997293	.0081060	.3126659	291.2339	-.007365	.2186097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.850583	325.4943	5.051123	27.92475	.2219955	.0118363
Stddev	.014484	.1280	.003194	.09034	.0009387	.0003604
%RSD	.1844973	.0393149	.0632264	.3235240	.4228650	3.044781

#1	7.845680	325.5494	5.054063	27.90012	.2224136	.0119733
#2	7.839187	325.3480	5.047725	27.84928	.2226526	.0114275
#3	7.866883	325.5855	5.051581	28.02485	.2209204	.0121081

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.788752	.9147473	F 101.7561	6.247417	1.082742	-.752034
Stddev	.061086	.0060421	.2424	.024882	.001692	.004298
%RSD	1.055251	.6605244	.2382194	.3982833	.1563143	.5714915

#1	5.759127	.9210776	101.9691	6.218701	1.083232	-.756989
#2	5.859001	.9141225	101.4923	6.262604	1.084135	-.749320
#3	5.748127	.9090419	101.8068	6.260945	1.080858	-.749793

Sample Name: I4288-08 Acquired: 8/4/2017 14:00:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421842	11.63501	5.293822	.0431901	1.346047	.0044501
Stddev	.0003221	.03415	.022611	.0002618	.006067	.0000226
%RSD	.7635535	.2934855	.4271286	.6062572	.4507177	.5082453

#1	.0424835	11.61552	5.316382	.0429374	1.353041	.0044324
#2	.0418434	11.61507	5.293925	.0431729	1.342907	.0044424
#3	.0422258	11.67444	5.271159	.0434602	1.342194	.0044756

Elem	Sr4077
Units	ppm
Avg	.0563895
Stddev	.0000805
%RSD	.1426836

#1	.0562987
#2	.0564519
#3	.0564180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	847.9141	1784.913	35305.11	10642.06	2464.504
Stddev	3.6847	1.750	85.27	20.29	4.343
%RSD	.4345608	.0980192	.2415291	.1906987	.1762343

#1	847.1438	1783.065	35310.39	10626.67	2467.684
#2	851.9230	1785.130	35387.62	10634.44	2459.555
#3	844.6754	1786.544	35217.32	10665.06	2466.272

Sample Name: I4288-12 Acquired: 8/4/2017 14:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901047	-.016874	.3541173	-.005153	.0059938	78.55547	2.121708
Stddev	.0019108	.005082	.0035561	.004738	.0023123	.10353	.006831
%RSD	2.120659	30.11581	1.004207	91.95344	38.57838	.1317928	.3219594

#1	.0888859	-.022226	.3503777	-.001150	.0051931	78.62547	2.120063
#2	.0923069	-.012114	.3574559	-.010385	.0041883	78.43655	2.115849
#3	.0891212	-.016283	.3545183	-.003924	.0086000	78.60440	2.129211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064130	.0146315	33.08979	.1107625	.0942209	.2017828	132.1894
Stddev	.0001561	.0001107	.07861	.0007214	.0000354	.0007869	.1833
%RSD	2.433368	.7567925	.2375543	.6512828	.0375720	.3899854	.1386641

#1	.0065781	.0146718	33.11657	.1099577	.0942225	.2026883	131.9856
#2	.0062680	.0147164	33.15150	.1113510	.0942555	.2012645	132.2421
#3	.0063928	.0145063	33.00129	.1109788	.0941847	.2013957	132.3406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.622321	25.08051	.1870981	.0004905	1.451983	.2149659	1.305609
Stddev	.010493	.09244	.0006142	.0003063	.098152	.0014960	.019448
%RSD	.1216993	.3685615	.3282642	62.43435	6.759832	.6959301	1.489585

#1	8.618947	25.07067	.1866528	.0005949	1.449336	.2150099	1.312230
#2	8.634087	24.99339	.1877987	.0007310	1.355182	.2134484	1.320883
#3	8.613930	25.17748	.1868427	.0001457	1.551431	.2164394	1.283715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.94836	.4460552	-.315817	.0027287	1.384143	4.450732	.0109111
Stddev	.11406	.0017929	.001538	.0002695	.003500	.028947	.0011587
%RSD	.6019332	.4019401	.4868529	9.875050	.2528309	.6503972	10.61914

#1	18.97479	.4445109	-.317377	.0028976	1.380286	4.447136	.0103512
#2	18.82341	.4456335	-.315769	.0024179	1.385028	4.481309	.0101387
#3	19.04689	.4480214	-.314303	.0028706	1.387115	4.423750	.0122434

Sample Name: I4288-12 Acquired: 8/4/2017 14:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7Y9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9471643	.0066425	.0309801
Stddev	.0030334	.0000420	.0000821
%RSD	.3202578	.6318707	.2648520

#1	.9502185	.0066683	.0310404
#2	.9471220	.0065941	.0308867
#3	.9441522	.0066652	.0310133

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	969.1273	2029.500	38899.73	11426.55	2747.623
Stddev	11.2880	9.068	302.00	32.76	9.899
%RSD	1.164761	.4468014	.7763505	.2867443	.3602699

#1	968.4354	2019.648	39008.94	11390.53	2737.890
#2	958.2012	2037.496	38558.32	11434.53	2757.680
#3	980.7454	2031.357	39131.93	11454.58	2747.298

Sample Name: I4237-01 Acquired: 8/4/2017 14:08:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1997721	-.029046	5.423422	-.012779	.0137565	84.29690	3.015651
Stddev	.0091076	.001817	.035189	.006697	.0007442	.16296	.007220
%RSD	4.558998	6.256282	.6488415	52.40497	5.409755	.1933216	.2394335

#1	.1983122	-.031105	5.433702	-.013174	.0142583	84.28191	3.023751
#2	.2095214	-.027667	5.452328	-.005893	.0141097	84.46683	3.013309
#3	.1914825	-.028366	5.384238	-.019270	.0129014	84.14194	3.009891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106452	.0424243	57.31134	.1062308	.1132334	.6249533	225.2402
Stddev	.0000750	.0003186	.35859	.0007586	.0004009	.0012965	1.4144
%RSD	.7041665	.7509095	.6256858	.7141082	.3540095	.2074473	.6279308

#1	.0106509	.0426883	57.70805	.1070283	.1132692	.6239317	226.8627
#2	.0105676	.0425141	57.01027	.1055182	.1136151	.6264117	224.2676
#3	.0107172	.0420705	57.21569	.1061459	.1128158	.6245164	224.5903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.401456	33.52511	.2482045	.0155769	2.678615	.2575807	14.51712
Stddev	.035562	.10791	.0011737	.0002256	.006985	.0029040	.07069
%RSD	.5555268	.3218872	.4728824	1.448208	.2607618	1.127398	.4869499

#1	6.441899	33.64463	.2487763	.0157105	2.682785	.2595497	14.48613
#2	6.375079	33.49588	.2489827	.0153164	2.670551	.2589466	14.59801
#3	6.387389	33.43482	.2468544	.0157037	2.682508	.2542456	14.46721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.60461	1.009330	-.479601	.0612592	6.100439	3.764495	.0298654
Stddev	.05994	.004556	.002933	.0009145	.040218	.027179	.0033871
%RSD	.3404924	.4514219	.6115473	1.492857	.6592705	.7219828	11.34125

#1	17.64886	1.013443	-.480678	.0622754	6.116029	3.780760	.0267492
#2	17.62858	1.010116	-.481844	.0609996	6.130528	3.779606	.0334704
#3	17.53639	1.004432	-.476282	.0605025	6.054759	3.733118	.0293766

Sample Name: I4237-01 Acquired: 8/4/2017 14:08:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET6H1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9888613	.0084760	.0377599
Stddev	.0033146	.0000621	.0000339
%RSD	.3351957	.7322234	.0899148

#1	.9915510	.0085281	.0377807
#2	.9898745	.0084926	.0377784
#3	.9851583	.0084074	.0377208

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	973.4439	2054.875	39799.53	11699.47	2673.461
Stddev	3.5549	18.412	115.22	55.09	20.882
%RSD	.3651900	.8960385	.2895122	.4708978	.7810991

#1	973.2953	2037.643	39713.75	11641.13	2655.069
#2	969.9657	2052.708	39754.32	11706.68	2669.152
#3	977.0709	2074.276	39930.50	11750.60	2696.161

Sample Name: I4283-09 Acquired: 8/4/2017 14:12:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1210850	-.023690	2.066106	-.009954	.0112792	78.94556	2.012930
Stddev	.0031045	.001216	.002846	.002806	.0011420	1.87396	.043699
%RSD	2.563867	5.133422	.1377514	28.19224	10.12471	2.373736	2.170937

#1	.1217235	-.025072	2.065482	-.007532	.0123823	80.66860	2.055201
#2	.1238206	-.022783	2.063624	-.013029	.0113535	76.95043	1.967930
#3	.1177109	-.023215	2.069213	-.009299	.0101019	79.21765	2.015658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086266	.1323835	77.98404	.1909688	.0753367	1.133250	201.9336
Stddev	.0000586	.0002680	1.76276	.0012982	.0004964	.026209	4.8252
%RSD	.6786969	.2024201	2.260406	.6797753	.6589641	2.312707	2.389479

#1	.0086778	.1326563	79.80795	.1923762	.0759099	1.155873	206.8941
#2	.0085628	.1321206	76.28957	.1898183	.0750437	1.104530	197.2563
#3	.0086393	.1323737	77.85460	.1907119	.0750566	1.139348	201.6505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.234676	26.63819	.2179526	.0039090	2.482726	.2384547	7.560661
Stddev	.096659	.62638	.0010011	.0003314	.096084	.0045902	.043543
%RSD	2.282551	2.351442	.4593150	8.477855	3.870119	1.924963	.5759147

#1	4.334719	27.22878	.2187253	.0041396	2.579791	.2419390	7.605847
#2	4.141801	25.98129	.2168217	.0035293	2.387653	.2332536	7.518972
#3	4.227508	26.70451	.2183108	.0040582	2.480734	.2401716	7.557164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76722	1.166284	-.417044	.0223624	6.346165	5.183504	.0534967
Stddev	.35748	.003435	.010721	.0007001	.026929	.117556	.0026343
%RSD	2.420740	.2945258	2.570596	3.130745	.4243293	2.267878	4.924302

#1	15.06466	1.165839	-.429348	.0222992	6.371412	5.304849	.0561727
#2	14.37064	1.163093	-.409712	.0230920	6.317822	5.070145	.0534114
#3	14.86636	1.169920	-.412072	.0216961	6.349259	5.175519	.0509061

Sample Name: I4283-09 Acquired: 8/4/2017 14:12:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET7L4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.268879	.0068346	.0422253
Stddev	.025743	.0001664	.0009104
%RSD	2.028826	2.434050	2.156074

#1	1.294518	.0069471	.0431184
#2	1.243032	.0066435	.0412986
#3	1.269086	.0069133	.0422590

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.2251	1944.737	38102.63	11286.01	2660.665
Stddev	3.8363	4.726	214.40	242.10	2.648
%RSD	.4141892	.2430341	.5626921	2.145136	.0995215

#1	921.8696	1949.956	37878.56	11029.09	2657.770
#2	927.7031	1940.745	38123.51	11509.90	2662.965
#3	929.1026	1943.511	38305.83	11319.03	2661.260

Sample Name: I4283-11 Acquired: 8/4/2017 14:16:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7L6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1379147	-.047675	1.133442	-.019703	.0136801	60.79171	1.344027
Stddev	.0032015	.004594	.049490	.000053	.0008164	.11919	.000895
%RSD	2.321373	9.635997	4.366355	.2667041	5.967997	.1960632	.0666256

#1	.1411008	-.051937	1.190282	-.019657	.0141984	60.89121	1.344552
#2	.1346980	-.048281	1.110134	-.019760	.0141029	60.65961	1.344536
#3	.1379453	-.042809	1.099909	-.019691	.0127390	60.82431	1.342993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087254	.1024004	242.6301	.1115867	.0798805	2.318113	333.8318
Stddev	.0000691	.0051332	.9537	.0012611	.0036075	.005639	1.3030
%RSD	.7923244	5.012902	.3930546	1.130128	4.516100	.2432582	.3903186

#1	.0087707	.1083149	243.5080	.1125563	.0839886	2.324581	334.8838
#2	.0087596	.0997809	242.7669	.1101610	.0784238	2.315534	334.2373
#3	.0086458	.0991054	241.6155	.1120427	.0772292	2.314225	332.3742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.741998	19.30358	.2087985	.0083882	3.637663	.2811935	8.829399
Stddev	.010279	.07739	.0083715	.0004639	.015512	.0023617	.177490
%RSD	.3748654	.4009340	4.009384	5.529907	.4264200	.8398997	2.010212

#1	2.752126	19.33999	.2184619	.0085497	3.632125	.2795461	8.918822
#2	2.742295	19.35604	.2037534	.0087498	3.655184	.2801351	8.624984
#3	2.731575	19.21469	.2041801	.0078652	3.625681	.2838993	8.944391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.11377	1.008844	-.754247	.0634915	12.37581	8.183035	.0297049
Stddev	.02074	.045667	.000644	.0021831	.51860	.009367	.0015939
%RSD	.1711959	4.526648	.0854231	3.438356	4.190456	.1144740	5.365914

#1	12.12096	1.061557	-.753543	.0660049	12.97462	8.179049	.0306912
#2	12.09040	.981264	-.754392	.0624020	12.07163	8.193736	.0278660
#3	12.12996	.983711	-.754807	.0620676	12.08118	8.176320	.0305576

Sample Name: I4283-11 Acquired: 8/4/2017 14:16:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET7L6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.411268	.0052646	.0667210
Stddev	.001786	.0000394	.0001282
%RSD	.1265193	.7480607	.1921152

#1	1.412603	.0052498	.0668318
#2	1.409240	.0052347	.0667504
#3	1.411960	.0053092	.0665806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	884.8148	1809.199	36291.73	10813.19	2456.126
Stddev	11.9742	62.674	373.66	51.91	98.194
%RSD	1.353304	3.464211	1.029613	.4800489	3.997917

#1	877.3808	1736.850	36097.14	10772.62	2342.843
#2	898.6280	1846.885	36722.53	10795.25	2508.604
#3	878.4355	1843.862	36055.53	10871.68	2516.929

Sample Name: CCV081 Acquired: 8/4/2017 14:20:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081691	4.857056	24.32544	4.968430	5.132377	403.0580
Stddev	.047781	.031812	.12084	.014567	.024183	1.3110
%RSD	.9402508	.6549654	.4967601	.2931851	.4711822	.3252752

#1	5.049415	4.842119	24.34734	4.968472	5.124979	402.9599
#2	5.059076	4.835461	24.19515	4.953842	5.112758	401.7987
#3	5.136580	4.893587	24.43383	4.982975	5.159395	404.4153

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39136	.5093117	2.459957	400.3889	15.26150	2.495553
Stddev	.10230	.0017290	.009493	1.2525	.02628	.011009
%RSD	.9844685	.3394847	.3858968	.3128260	.1721702	.4411308

#1	10.37400	.5081818	2.463356	400.6589	15.25411	2.496466
#2	10.29885	.5084512	2.449233	399.0234	15.23970	2.484116
#3	10.50123	.5113022	2.467283	401.4844	15.29067	2.506077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.78779	399.4210	15.06112	409.1741	2.480703	1.308061
Stddev	.10453	1.0951	.04632	1.4052	.011608	.003549
%RSD	.6621114	.2741766	.3075721	.3434149	.4679323	.2713452

#1	15.80919	399.6516	15.07101	409.2176	2.483931	1.311490
#2	15.67422	398.2289	15.01065	407.7477	2.467823	1.304403
#3	15.87997	400.3824	15.10170	410.5570	2.490356	1.308291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.2372	2.513992	15.26758	156.8334	5.340929	F 4.275216
Stddev	2.0861	.007789	.03146	.9229	.031785	.015131
%RSD	.5238358	.3098376	.2060455	.5884894	.5951180	.3539346

#1	398.6604	2.513720	15.25810	156.9185	5.336380	4.279887
#2	395.9720	2.506342	15.24196	155.8709	5.311665	4.258299
#3	400.0793	2.521913	15.30269	157.7109	5.374744	4.287461

Sample Name: CCV081 Acquired: 8/4/2017 14:20:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.993605	5.008086	5.036588	4.952549	5.070867	5.384432
Stddev	.020256	.022210	.015277	.016285	.024117	.025458
%RSD	.4056416	.4434763	.3033225	.3288199	.4756015	.4728081

#1	4.983282	5.032606	5.035484	4.955335	5.077281	5.412819
#2	4.980591	4.989317	5.021894	4.935051	5.044191	5.376854
#3	5.016944	5.002336	5.052388	4.967261	5.091128	5.363624

Elem	Sr4077
Units	ppm
Avg	4.829933
Stddev	.010552
%RSD	.2184640

#1	4.825576
#2	4.822258
#3	4.841965

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	729.2885	1558.343	30174.79	9453.669	2045.757
Stddev	2.2583	7.809	77.13	24.869	10.980
%RSD	.3096579	.5010828	.2556069	.2630582	.5367389

#1	727.9187	1561.229	30176.07	9457.810	2045.321
#2	731.8950	1564.298	30251.27	9476.207	2056.950
#3	728.0517	1549.502	30097.03	9426.989	2035.002

Sample Name: CCB081 Acquired: 8/4/2017 14:24:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005934	-.001453	-.000947	.0000160	.0002266	.0008288	.0004192
Stddev	.0010244	.001146	.000860	.0024331	.0005866	.0016047	.0000549
%RSD	172.6421	78.86542	90.78375	15186.35	258.8370	193.6158	13.09718

#1	-.000468	-.002705	-.001450	-.001940	.0002616	.0020184	.0004537
#2	.000671	-.001200	.000046	.002741	.0007950	.0014643	.0004480
#3	.001577	-.000455	-.001436	-.000753	-.000377	-.000996	.0003559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000025	.0000087	.0090341	-.000862	.0000292	-.000036	.0030386
Stddev	.0000323	.0000369	.0025715	.000274	.0002297	.000574	.0005951
%RSD	1306.033	424.8807	28.46396	31.79482	787.4896	1602.258	19.58626

#1	-.000030	.0000362	.0080711	-.000850	-.000233	.000613	.0037097
#2	.000035	-.000033	.0119481	-.001141	.000197	-.000242	.0028308
#3	.000002	.000023	.0070832	-.000594	.000123	-.000478	.0025752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000008	.0026758	.0000625	-.000126	.0763836	-.001803	.0011044
Stddev	.0001201	.0020805	.0003426	.000110	.0207130	.001418	.0006659
%RSD	15087.04	77.75229	547.8126	87.32355	27.11706	78.62913	60.29213

#1	.0000939	.0047000	-.000094	-.000147	.0847605	-.003387	.0014314
#2	.0000433	.0027841	-.000174	-.000223	.0915962	-.001368	.0003383
#3	-.000135	.0005433	.000456	-.000007	.0527942	-.000654	.0015436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289284	.0000730	.0012310	.0006833	.0055210	-.001826	-.000379
Stddev	.0257113	.0001544	.0008079	.0000611	.0016721	.000923	.001153
%RSD	88.87898	211.3265	65.62772	8.938580	30.28594	50.54632	304.2896

#1	.0524103	.0000858	.0019664	.0007538	.0037309	-.002612	-.000146
#2	.0014547	.0002207	.0003663	.0006471	.0070426	-.002056	-.001631
#3	.0329202	-.000087	.0013601	.0006489	.0057893	-.000810	.000640

Sample Name: CCB081 Acquired: 8/4/2017 14:24:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000057	.0002529	.0000822
Stddev	.000565	.0000199	.0000022
%RSD	989.9744	7.885170	2.705393

#1	.000472	.0002311	.0000843
#2	.000009	.0002574	.0000823
#3	-.000653	.0002702	.0000799

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.9377	1988.941	37480.48	10271.29	3288.690
Stddev	1.8232	6.181	77.41	67.57	7.213
%RSD	.1931491	.3107890	.2065338	.6578626	.2193414

#1	945.2572	1982.989	37569.03	10305.65	3280.923
#2	941.8573	1995.329	37425.64	10193.45	3289.968
#3	944.6986	1988.504	37446.77	10314.78	3295.180

Sample Name: I4332-06 Acquired: 8/4/2017 14:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8G8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2336733	-.027888	10.96196	-.006034	.0201342	65.25410
Stddev	.0011320	.004296	.02274	.000297	.0009214	.38950
%RSD	.4844360	15.40337	.2074587	4.919299	4.576084	.5969007

#1	.2334380	-.030849	10.98690	-.005942	.0195280	64.90482
#2	.2349045	-.029854	10.94238	-.006365	.0196802	65.18335
#3	.2326775	-.022961	10.95659	-.005793	.0211945	65.67413

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885229	.0115344	.1455741	487.8253	.2020545	.0698390
Stddev	.013573	.0000523	.0004955	6.8503	.0030195	.0002492
%RSD	.7199743	.4534505	.3403805	1.404253	1.494398	.3568636

#1	1.873468	.0115605	.1461267	484.9503	.2006639	.0695573
#2	1.882137	.0115685	.1451693	482.8809	.2055188	.0700307
#3	1.900081	.0114742	.1454264	495.6446	.1999809	.0699291

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.550922	221.3036	6.976743	49.20981	.1669941	.0283872
Stddev	.019668	2.6305	.083080	.44880	.0016731	.0002017
%RSD	.7710350	1.188657	1.190816	.9120189	1.001910	.7106877

#1	2.530497	220.2502	6.936193	48.97404	.1689258	.0281696
#2	2.552534	219.3630	6.921724	48.92803	.1660016	.0284242
#3	2.569735	224.2976	7.072311	49.72736	.1660550	.0285680

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.955986	.3630413	F 56.76741	8.361535	.6204543	-.322610
Stddev	.116329	.0038204	1.23001	.017185	.0032062	.003276
%RSD	1.672354	1.052341	2.166746	.2055261	.5167445	1.015623

#1	7.089941	.3645086	56.23437	8.343793	.6219879	-.323319
#2	6.880375	.3587048	55.89384	8.362708	.6167694	-.325473
#3	6.897643	.3659106	58.17403	8.378103	.6226057	-.319036

Sample Name: I4332-06 Acquired: 8/4/2017 14:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8G8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210226	11.73647	7.935239	.0785604	1.756818	.0077093
Stddev	.0006943	.03601	.061074	.0019797	.013847	.0000582
%RSD	3.302541	.3067854	.7696530	2.519917	.7881919	.7546506

#1	.0208989	11.77370	7.982090	.0804103	1.747111	.0076457
#2	.0203984	11.70183	7.957461	.0764725	1.750668	.0077224
#3	.0217704	11.73388	7.866165	.0787984	1.772675	.0077599

Elem	Sr4077
Units	ppm
Avg	.0818162
Stddev	.0004612
%RSD	.5637565

#1	.0813671
#2	.0817930
#3	.0822887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	852.9304	1801.355	34916.18	10523.12	2372.275
Stddev	15.3298	6.525	313.48	5.88	7.984
%RSD	1.797304	.3622086	.8977997	.0559096	.3365582

#1	856.4827	1801.658	34989.09	10518.46	2367.374
#2	866.1722	1807.723	35186.77	10529.73	2381.488
#3	836.1364	1794.684	34572.67	10521.17	2367.963

Sample Name: I4339-19 Acquired: 8/4/2017 14:32:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908774	-.031052	7.211922	-.014467	.0204908	64.08837
Stddev	.0046801	.002961	.214233	.002284	.0017505	.17769
%RSD	5.149873	9.534945	2.970535	15.78841	8.542846	.2772620

#1	.0860993	-.032466	6.967144	-.015658	.0206202	64.10938
#2	.0954529	-.033040	7.365269	-.015909	.0221730	63.90111
#3	.0910799	-.027649	7.303352	-.011833	.0186792	64.25462

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.181068	.0070366	.0723208	F 829.2578	.1238213	.0751942
Stddev	.001397	.0001562	.0023572	3.3710	.0105751	.0024504
%RSD	.1183209	2.219533	3.259341	.4065079	8.540593	3.258713

#1	1.179995	.0070537	.0697854	832.3078	.1167755	.0724353
#2	1.180561	.0068725	.0744459	825.6384	.1187072	.0760303
#3	1.182648	.0071835	.0727311	829.8273	.1359813	.0771171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9565197	193.6188	4.624638	184.8489	.2757617	.0034336
Stddev	.0002642	.7331	.021209	.6366	.0090294	.0004925
%RSD	.0276223	.3786494	.4586159	.3443844	3.274352	14.34471

#1	.9564896	193.5087	4.618110	185.0039	.2658601	.0039056
#2	.9567977	192.9469	4.607459	184.1491	.2835408	.0034724
#3	.9562719	194.4007	4.648343	185.3936	.2778842	.0029228

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.117767	.2316815	15.68628	9.576132	.7122263	-.424299
Stddev	.037954	.0044740	.97378	.009627	.0226652	.005752
%RSD	1.217345	1.931114	6.207841	.1005296	3.182298	1.355652

#1	3.074719	.2318172	15.22377	9.582607	.6865978	-.422230
#2	3.146409	.2271412	15.02995	9.580720	.7296336	-.419869
#3	3.132174	.2360862	16.80512	9.565070	.7204473	-.430800

Sample Name: I4339-19 Acquired: 8/4/2017 14:32:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8Z0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148930	10.69778	8.493485	.0212181	1.695897	.0078907
Stddev	.0001077	.35912	.098448	.0010883	.006450	.0000386
%RSD	.7228773	3.356928	1.159103	5.129036	.3803207	.4893081

#1	.0148478	10.28820	8.442214	.0224622	1.691356	.0079268
#2	.0150159	10.95868	8.431255	.0207489	1.693056	.0078500
#3	.0148154	10.84645	8.606987	.0204430	1.703280	.0078952

Elem	Sr4077
Units	ppm
Avg	.0969557
Stddev	.0003478
%RSD	.3587316

#1	.0971178
#2	.0965565
#3	.0971929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	814.9900	1799.826	33161.63	10708.12	2228.735
Stddev	47.7151	37.607	1952.05	27.34	59.845
%RSD	5.854689	2.089489	5.886457	.2553172	2.685148

#1	841.1614	1841.924	34349.40	10687.30	2296.471
#2	843.8928	1769.550	34226.77	10739.08	2183.022
#3	759.9159	1788.005	30908.71	10697.98	2206.713

Sample Name: I4340-06 Acquired: 8/4/2017 14:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860021	-.025414	14.73878	-.010213	.2268027	99.35315
Stddev	.0072927	.005860	1.11918	.006480	.0138647	.27066
%RSD	8.479678	23.05618	7.593409	63.44315	6.113112	.2724259

#1	.0942487	-.029079	15.86623	-.017145	.2412103	99.61238
#2	.0804030	-.018656	13.62806	-.004307	.2135536	99.37473
#3	.0833544	-.028507	14.72206	-.009188	.2256442	99.07235

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.019018	.0087170	.1223428	141.2280	.1292334	.0814553
Stddev	.027740	.0000843	.0098521	.8579	.0066204	.0068076
%RSD	.3075693	.9664916	8.052854	.6074262	5.122819	8.357465

#1	9.048710	.0086803	.1322820	141.5057	.1287316	.0885870
#2	9.014579	.0088134	.1125802	140.2657	.1360903	.0750263
#3	8.993766	.0086574	.1221660	141.9126	.1228781	.0807525

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 89.83208	200.5609	5.184555	58.97434	.2144931	.0122070
Stddev	.34703	.8738	.019487	.22755	.0182101	.0003218
%RSD	.3863067	.4356599	.3758705	.3858526	8.489845	2.636511

#1	90.05758	201.0118	5.192877	59.18646	.2324485	.0125733
#2	90.00619	199.5538	5.162289	58.73399	.1960385	.0120781
#3	89.43247	201.1170	5.198500	59.00257	.2149923	.0119696

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.525968	.2604516	16.44777	17.17901	.9270807	-.438042
Stddev	.058829	.0018114	.35047	.06394	.0970098	.004335
%RSD	2.328965	.6954924	2.130810	.3721698	10.46401	.9897338

#1	2.458570	.2625416	16.57682	17.19717	1.023326	-.440789
#2	2.552318	.2594789	16.71542	17.23191	.829324	-.440293
#3	2.567015	.2593343	16.05107	17.10796	.928592	-.433044

Sample Name: I4340-06 Acquired: 8/4/2017 14:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8Z7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080147	7.362071	8.016999	.4537786	1.143381	.0076490
Stddev	.0016197	.582706	.074128	.0324500	.005840	.0000492
%RSD	20.20904	7.914972	.9246338	7.151067	.5108062	.6439306
#1	.0096960	7.946548	8.070184	.4833618	1.150027	.0076766
#2	.0064646	6.781153	8.048487	.4190715	1.141049	.0076783
#3	.0078834	7.358513	7.932325	.4589025	1.139067	.0075921

Elem	Sr4077
Units	ppm
Avg	.1399070
Stddev	.0005083
%RSD	.3633241
#1	.1403485
#2	.1400213
#3	.1393513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.7857	1884.503	37880.01	11361.60	2537.998
Stddev	24.1973	107.814	1052.18	64.41	167.565
%RSD	2.636487	5.721102	2.777659	.5669221	6.602236
#1	909.0247	1772.416	37680.99	11287.29	2366.918
#2	899.1891	1987.465	36941.55	11395.93	2701.811
#3	945.1432	1893.630	39017.48	11401.57	2545.265

Sample Name: I4341-04 Acquired: 8/4/2017 14:40:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET917 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918250	-.027959	12.89665	-.013207	.0087744	100.2750	2.359507
Stddev	.0046349	.003384	.00424	.002999	.0015253	.1083	.006754
%RSD	5.047590	12.10213	.0328807	22.70939	17.38395	.1080494	.2862399

#1	.0881022	-.028892	12.89816	-.010884	.0095197	100.3485	2.367014
#2	.0903565	-.030779	12.89186	-.016593	.0097838	100.1505	2.357583
#3	.0970163	-.024207	12.89993	-.012144	.0070197	100.3259	2.353924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099149	.0400191	48.10151	.1358979	.1239939	.3656127	209.7072
Stddev	.0001012	.0001986	.31598	.0009831	.0001716	.0018824	.8567
%RSD	1.021021	.4963496	.6569090	.7234350	.1384047	.5148543	.4085322

#1	.0099822	.0400555	47.87424	.1349680	.1237963	.3677290	209.6291
#2	.0099640	.0398048	48.46235	.1369268	.1240796	.3649842	210.6003
#3	.0097985	.0401971	47.96796	.1357991	.1241058	.3641251	208.8922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.348627	32.63104	.2610367	.0017953	2.465317	.2590194	3.710440
Stddev	.029863	.15282	.0009457	.0002099	.057595	.0020373	.023214
%RSD	.3576960	.4683143	.3622868	11.68974	2.336190	.7865486	.6256282

#1	8.343708	32.70757	.2610156	.0016950	2.410910	.2593107	3.710545
#2	8.380644	32.73046	.2601018	.0020365	2.459400	.2568521	3.687174
#3	8.321530	32.45508	.2619928	.0016544	2.525642	.2608954	3.733601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.13561	.7523378	-.487270	.0282391	6.705756	4.319072	.0531105
Stddev	.03559	.0009931	.002576	.0002831	.019251	.009005	.0017290
%RSD	.1684045	.1319988	.5286840	1.002571	.2870891	.2084837	3.255443

#1	21.13319	.7533264	-.485234	.0285002	6.697002	4.311875	.0534009
#2	21.10129	.7513403	-.486411	.0279382	6.692436	4.316172	.0546759
#3	21.17236	.7523466	-.490166	.0282789	6.727828	4.329169	.0512547

Sample Name: I4341-04 Acquired: 8/4/2017 14:40:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET917 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7289463	.0099454	.0417402
Stddev	.0009016	.0000877	.0000840
%RSD	.1236828	.8821586	.2012214

#1	.7286434	.0100286	.0417188
#2	.7282353	.0098538	.0416689
#3	.7299604	.0099536	.0418328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.6065	2070.272	39992.11	11782.08	2665.708
Stddev	10.2013	3.298	162.45	23.23	1.950
%RSD	1.040302	.1592811	.4062157	.1971997	.0731392

#1	969.6466	2074.011	39823.29	11807.67	2663.507
#2	989.8248	2069.027	40147.34	11762.30	2667.218
#3	982.3483	2067.779	40005.70	11776.28	2666.400

Sample Name: I4342-19 Acquired: 8/4/2017 14:44:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1229296	-.033857	8.748042	-.016208	.0077512	99.63720	2.775605
Stddev	.0018385	.004071	.053413	.001484	.0004202	.25005	.007087
%RSD	1.495561	12.02419	.6105713	9.157684	5.420752	.2509646	.2553353

#1	.1224003	-.032878	8.750118	-.017745	.0072901	99.45680	2.777842
#2	.1214138	-.030365	8.693621	-.016097	.0078510	99.92264	2.781303
#3	.1249746	-.038328	8.800386	-.014783	.0081124	99.53216	2.767669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094262	.2145525	66.18272	.1574058	.1166303	.4909655	222.8715
Stddev	.0000988	.0016896	.26456	.0006638	.0005657	.0023702	.7483
%RSD	1.047843	.7874994	.3997438	.4217162	.4850484	.4827593	.3357347

#1	.0093213	.2141122	66.48622	.1566757	.1167839	.4919256	223.7149
#2	.0095174	.2131267	66.06112	.1579730	.1160036	.4927050	222.6122
#3	.0094400	.2164187	66.00083	.1575688	.1171033	.4882659	222.2873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.507073	32.31924	.2550898	.0036766	2.733561	.2632580	9.206017
Stddev	.026173	.13431	.0015727	.0001616	.088703	.0037618	.012536
%RSD	.2753042	.4155816	.6165379	4.394252	3.244972	1.428951	.1361721

#1	9.535049	32.47395	.2543083	.0036195	2.830135	.2611922	9.220430
#2	9.502987	32.23253	.2540609	.0035513	2.655722	.2676001	9.199975
#3	9.483182	32.25122	.2569002	.0038589	2.714825	.2609817	9.197647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.12535	1.361931	-.523894	.0083304	4.976004	7.623397	.0401050
Stddev	.08560	.008031	.001322	.0003584	.017569	.029742	.0001816
%RSD	.3155887	.5896416	.2524336	4.302780	.3530819	.3901435	.4528973

#1	27.07161	1.360740	-.524668	.0081347	4.987521	7.652493	.0401422
#2	27.22407	1.354562	-.522367	.0087441	4.955781	7.593049	.0402652
#3	27.08038	1.370490	-.524646	.0081125	4.984709	7.624648	.0399077

Sample Name: I4342-19 Acquired: 8/4/2017 14:44:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET8Q9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8311784	.0091873	.0457100
Stddev	.0036632	.0000847	.0000539
%RSD	.4407181	.9214640	.1178235

#1	.8271408	.0091659	.0457403
#2	.8342890	.0092806	.0457419
#3	.8321055	.0091154	.0456478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.3039	2028.697	39763.17	11735.04	2621.561
Stddev	5.9152	5.331	120.52	29.89	7.508
%RSD	.6121486	.2627818	.3031032	.2546941	.2863931

#1	959.8621	2025.230	39627.53	11701.88	2617.499
#2	967.5582	2026.026	39804.03	11743.36	2630.225
#3	971.4914	2034.836	39857.95	11759.90	2616.959

Sample Name: I4379-08 Acquired: 8/4/2017 14:48:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET943 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1599234	-.057015	14.61100	-.024319	.0157795	113.9313	7.293259
Stddev	.0030066	.000747	.08950	.002194	.0021846	.3584	.021826
%RSD	1.880051	1.309580	.6125457	9.022707	13.84484	.3145973	.2992581

#1	.1589089	-.056510	14.64241	-.022628	.0137931	113.5493	7.301085
#2	.1633061	-.057872	14.51003	-.026799	.0154260	114.2602	7.310092
#3	.1575552	-.056661	14.68056	-.023530	.0181193	113.9845	7.268599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170548	.0772783	59.96293	.2193754	.1117980	1.057377	421.0394
Stddev	.0000346	.0009639	.03967	.0006650	.0007087	.001479	.8288
%RSD	.2028736	1.247342	.0661643	.3031467	.6338787	.1398512	.1968521

#1	.0170149	.0770474	59.91714	.2193610	.1119319	1.058179	420.1231
#2	.0170730	.0764507	59.98696	.2200475	.1110320	1.058282	421.2581
#3	.0170766	.0783367	59.98469	.2187177	.1124302	1.055671	421.7369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.410698	25.24965	.3463006	.0107943	5.555886	.3477744	13.37362
Stddev	.016534	.14080	.0016697	.0003074	.066767	.0019103	.07344
%RSD	.3055757	.5576287	.4821603	2.847303	1.201736	.5492926	.5491364

#1	5.391722	25.16766	.3468140	.0104961	5.605441	.3477499	13.45779
#2	5.418364	25.16905	.3444344	.0111100	5.582256	.3496968	13.34052
#3	5.422006	25.41222	.3476533	.0107767	5.479961	.3458764	13.32257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.14713	1.737607	-.779239	.0852828	9.857591	4.091381	.3188785
Stddev	.05826	.010890	.002197	.0007034	.045897	.012385	.0008552
%RSD	.3042873	.6267179	.2819479	.8248258	.4655986	.3027179	.2681844

#1	19.08135	1.746342	-.778321	.0850576	9.865969	4.077243	.3179043
#2	19.16779	1.725406	-.781747	.0847196	9.808082	4.096583	.3195054
#3	19.19225	1.741073	-.777651	.0860713	9.898721	4.100317	.3192259

Sample Name: I4379-08 Acquired: 8/4/2017 14:48:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET943 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.469074	.0087936	.0561310
Stddev	.002725	.0000838	.0000917
%RSD	.1854976	.9527522	.1633630

#1	1.468840	.0086971	.0560702
#2	1.471909	.0088357	.0562365
#3	1.466474	.0088478	.0560863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.1367	2032.286	39381.64	11577.34	2613.683
Stddev	5.0717	18.104	137.10	32.10	21.346
%RSD	.5276788	.8908173	.3481265	.2772716	.8167029

#1	955.4296	2013.848	39262.45	11592.34	2594.764
#2	962.8529	2050.036	39351.02	11540.48	2636.825
#3	965.1277	2032.974	39531.46	11599.19	2609.460

Sample Name: I4379-09 Acquired: 8/4/2017 14:53:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET944 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1448704	-.048666	17.46930	-.019627	.0176632	115.8394	6.523904
Stddev	.0070215	.000535	.06650	.001168	.0003633	.0956	.024195
%RSD	4.846725	1.099128	.3806426	5.952164	2.056756	.0825339	.3708731

#1	.1465770	-.048392	17.54538	-.020975	.0172439	115.7581	6.505276
#2	.1371529	-.048323	17.42229	-.018909	.0178839	115.9447	6.551250
#3	.1508811	-.049282	17.44022	-.018997	.0178617	115.8155	6.515184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180612	.0771664	79.11611	.1851539	.1215485	.8942663	391.5792
Stddev	.0002045	.0003154	.14887	.0017034	.0005286	.0020241	.2774
%RSD	1.132330	.4087495	.1881613	.9199874	.4349179	.2263444	.0708535

#1	.0178792	.0772098	79.03520	.1845376	.1221334	.8930970	391.3072
#2	.0180219	.0774579	79.02522	.1838443	.1211047	.8966036	391.5685
#3	.0182825	.0768316	79.28791	.1870796	.1214075	.8930984	391.8618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.550406	25.61707	.3368584	.0375916	6.684417	.3540186	13.11500
Stddev	.004821	.03791	.0014614	.0002459	.062792	.0016418	.09409
%RSD	.0736052	.1479754	.4338429	.6542080	.9393734	.4637702	.7174217

#1	6.545439	25.58017	.3378044	.0377349	6.748885	.3528475	13.21448
#2	6.555068	25.65591	.3351752	.0377324	6.680919	.3533131	13.10309
#3	6.550709	25.61513	.3375957	.0373077	6.623448	.3558953	13.02743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.94801	1.733924	-.559197	.1076462	9.881191	3.798281	.2015674
Stddev	.09627	.004452	.002197	.0004658	.050420	.019567	.0036463
%RSD	.5080837	.2567646	.3929288	.4327042	.5102654	.5151619	1.808994

#1	18.85098	1.737468	-.556871	.1079668	9.932202	3.778920	.2057756
#2	19.04350	1.728927	-.559482	.1078600	9.879986	3.797875	.1995819
#3	18.94954	1.735378	-.561237	.1071119	9.831383	3.818048	.1993447

Sample Name: I4379-09 Acquired: 8/4/2017 14:53:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET944 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.687066	.0090711	.0574935
Stddev	.002668	.0000425	.0000895
%RSD	.1581176	.4680987	.1557052

#1	1.684056	.0091060	.0573906
#2	1.689138	.0090238	.0575535
#3	1.688003	.0090835	.0575364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.8784	2023.068	39380.63	11584.36	2612.564
Stddev	6.7187	12.850	80.90	14.03	12.834
%RSD	.6948849	.6351910	.2054222	.1210892	.4912284

#1	959.2908	2009.026	39312.65	11599.82	2598.370
#2	969.2710	2034.242	39359.14	11572.44	2623.349
#3	972.0732	2025.937	39470.10	11580.82	2615.973

Sample Name: I4379-16 Acquired: 8/4/2017 14:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET952 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1828214	-.057909	8.246035	-.020539	.0138836	76.12785	3.596797
Stddev	.0042460	.004665	.310088	.003691	.0017138	.35494	.019990
%RSD	2.322507	8.055281	3.760447	17.97058	12.34386	.4662426	.5557676

#1	.1873759	-.062395	8.337480	-.016721	.0153975	76.39325	3.612607
#2	.1789720	-.053084	7.900508	-.020807	.0142302	75.72468	3.574327
#3	.1821164	-.058246	8.500117	-.024088	.0120230	76.26564	3.603457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186794	.0969215	58.22487	.1746145	.0759242	1.068972	449.2234
Stddev	.0002158	.0044009	.36750	.0042949	.0032748	.005233	.5272
%RSD	1.155124	4.540742	.6311720	2.459630	4.313204	.4895077	.1173540

#1	.0189024	.0981695	57.91172	.1744413	.0768498	1.073372	448.9734
#2	.0186641	.0920313	58.62946	.1789933	.0722863	1.063185	449.8291
#3	.0184717	.1005637	58.13343	.1704088	.0786366	1.070358	448.8678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.721544	12.38152	.3025758	.0084016	5.893856	.2956472	7.874565
Stddev	.004474	.02163	.0120226	.0005301	.053100	.0005935	.111976
%RSD	.1643803	.1746829	3.973407	6.309878	.9009403	.2007322	1.421991

#1	2.720351	12.35767	.3055350	.0084618	5.936299	.2957545	7.802212
#2	2.726493	12.38700	.2893500	.0078440	5.910957	.2950075	8.003544
#3	2.717788	12.39987	.3128424	.0088991	5.834313	.2961798	7.817939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.62629	1.479843	-.765276	.0990582	35.96939	5.027381	.6414733
Stddev	.06077	.056157	.004883	.0029993	1.32309	.028543	.0253628
%RSD	.3447574	3.794795	.6380755	3.027852	3.678374	.5677486	3.953831

#1	17.67580	1.483960	-.770066	.0999961	36.17713	5.033152	.6510985
#2	17.55848	1.421740	-.765457	.0957020	34.55471	5.052598	.6127068
#3	17.64461	1.533827	-.760305	.1014765	37.17631	4.996394	.6606145

Sample Name: I4379-16 Acquired: 8/4/2017 14:57:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET952 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.957941	.0052873	.0539398
Stddev	.004509	.0000882	.0001902
%RSD	.2302749	1.668723	.3526493

#1	1.962924	.0053279	.0540677
#2	1.954143	.0051861	.0537212
#3	1.956755	.0053480	.0540304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.0225	1951.503	38432.99	11153.08	2689.108
Stddev	12.0889	51.722	453.37	36.09	88.875
%RSD	1.294283	2.650379	1.179636	.3235745	3.305004

#1	938.6343	1935.406	38597.53	11120.60	2663.430
#2	920.3065	2009.359	37920.33	11146.72	2787.995
#3	943.1266	1909.743	38781.12	11191.93	2615.899

Sample Name: PB101082BL Acquired: 8/4/2017 15:01:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0009250	-.001719	-.000647	-.001622	.0011980	.0011232	.0005981
Stddev	.0012774	.001262	.001411	.000305	.0012663	.0018273	.0003265
%RSD	138.0934	73.38543	218.0293	18.82843	105.6962	162.6914	54.59009

#1	.0020957	-.002382	-.001535	-.001616	-.000243	.0029421	.0002240
#2	.0011166	-.000264	.000980	-.001320	.001702	-.000712	.0008256
#3	-.000437	-.002512	-.001388	-.001930	.002134	.001140	.0007449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000085	-.000004	.0012580	.0000552	.0001235	-.000148	.0056928
Stddev	.000104	.000150	.0006817	.0003809	.0002106	.000386	.0024010
%RSD	123.2058	4149.374	54.18473	690.6587	170.4852	260.5673	42.17580

#1	-.000093	-.000172	.0012360	.0004946	.0000622	.000140	.0029367
#2	.000023	.000043	.0005876	-.000148	-.000050	-.000587	.0068104
#3	-.000185	.000118	.0019504	-.000181	.000358	.000002	.0073312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	-.008939	.0001862	-.000377	.0875332	-.001154	.0006510
Stddev	.000107	.005433	.0001041	.000029	.0929173	.001387	.0012430
%RSD	126.7718	60.78492	55.89812	7.575368	106.1508	120.2214	190.9335

#1	.000039	-.002737	.0000737	-.000382	.1348035	-.000695	.0020644
#2	-.000148	-.011215	.0002790	-.000346	.1473113	-.000054	.0001611
#3	-.000145	-.012864	.0002060	-.000403	-.019515	-.002713	-.000272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2915847	.0001101	-.004876	-.000279	.0341393	-.000004	-.000351
Stddev	.0173502	.0001794	.000436	.000261	.0039195	.000461	.000843
%RSD	5.950295	163.0050	8.945684	93.70744	11.48084	12593.64	239.9515

#1	.2729723	.0001621	-.004501	-.000523	.0385407	-.000524	-.000938
#2	.2944713	-.000090	-.004771	-.000310	.0328514	.000158	-.000730
#3	.3073106	.000258	-.005354	-.000003	.0310259	.000355	.000614

Sample Name: PB101082BL Acquired: 8/4/2017 15:01:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000172	-.000154	.0000688
Stddev	.000462	.000008	.0000016
%RSD	267.9498	5.336463	2.389775

#1	-.000355	-.000145	.0000678
#2	-.000515	-.000157	.0000706
#3	.000353	-.000161	.0000678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.7853	1995.310	37189.17	10233.31	3292.473
Stddev	8.6060	7.459	141.56	71.58	10.978
%RSD	.9118589	.3738272	.3806381	.6994889	.3334139

#1	937.4019	1988.128	37083.72	10159.61	3283.222
#2	940.3814	1994.782	37133.74	10237.75	3289.593
#3	953.5726	2003.018	37350.05	10302.56	3304.603

Sample Name: PB101082BS Acquired: 8/4/2017 15:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0190658	.0541696	.0191453	.0631252	.1190890	.4012665
Stddev	.0024770	.0005669	.0001945	.0023186	.0022399	.0042681
%RSD	12.99204	1.046507	1.015891	3.673024	1.880881	1.063652

#1	.0210970	.0535250	.0189256	.0612094	.1216112	.4038432
#2	.0163062	.0543934	.0192956	.0657028	.1173317	.3963399
#3	.0197941	.0545905	.0192146	.0624635	.1183240	.4036164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4233243	.0099602	.0095821	10.54491	.0242783	.0956874
Stddev	.0007690	.0000336	.0000794	.05218	.0000541	.0004087
%RSD	.1816533	.3371205	.8290915	.4948663	.2229356	.4271248

#1	.4224678	.0099586	.0095020	10.59393	.0242769	.0960586
#2	.4239554	.0099945	.0096609	10.55076	.0243332	.0957543
#3	.4235496	.0099274	.0095833	10.49006	.0242250	.0952494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551526	.2330105	.0336644	10.15363	.0791501	.0180649
Stddev	.0001777	.0018730	.0002268	.07257	.0005003	.0000344
%RSD	.3221181	.8038398	.6736161	.7147252	.6320943	.1901373

#1	.0553575	.2344329	.0338397	10.17430	.0797226	.0180474
#2	.0550432	.2308884	.0337453	10.21362	.0787966	.0181045
#3	.0550569	.2337104	.0334083	10.07297	.0789312	.0180428

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15642	.1138014	.1201836	9.546496	F .0030813	F .0168057
Stddev	.05252	.0013237	.0010884	.018775	.0003132	.0003157
%RSD	.5171106	1.163163	.9056285	.1966730	10.16387	1.878286

#1	10.11743	.1122821	.1198622	9.548037	.0028285	.0164413
#2	10.13569	.1144167	.1192921	9.526998	.0034316	.0169822
#3	10.21614	.1147055	.1213965	9.564453	.0029837	.0169936

Sample Name: PB101082BS Acquired: 8/4/2017 15:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0230776	.1826771	.2130773	F .0158717	.2140029	.0105521
Stddev	.0001875	.0031029	.0022541	.0014900	.0000784	.0000759
%RSD	.8123860	1.698594	1.057866	9.388078	.0366495	.7191205

#1	.0229910	.1862438	.2155089	.0169231	.2139242	.0104787
#2	.0229491	.1811891	.2126656	.0141666	.2140811	.0105475
#3	.0232928	.1805983	.2110575	.0165255	.2140035	.0106302

Elem	Sr4077
Units	ppm
Avg	.0247693
Stddev	.0000769
%RSD	.3106363

#1	.0247659
#2	.0246941
#3	.0248479

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	908.0489	1912.355	36367.12	10249.61	3078.130
Stddev	1.6668	6.167	72.73	33.46	7.070
%RSD	.1835567	.3224894	.1999858	.3264085	.2296967

#1	906.1267	1905.325	36338.43	10224.80	3071.482
#2	909.0942	1916.851	36449.82	10236.38	3077.352
#3	908.9257	1914.890	36313.11	10287.66	3085.558

Sample Name: PB101089BL Acquired: 8/4/2017 15:09:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.001546	-.000716	-.000165	.0014691	.0008721	-.002257	.0008444
Stddev	.001623	.001060	.000414	.0008412	.0006434	.001362	.0000646
%RSD	104.9758	148.1071	250.6179	57.25724	73.78123	60.32469	7.650904

#1	-.000401	.000460	-.000601	.0021131	.0006586	-.003203	.0008125
#2	-.000833	-.001599	-.000119	.0017768	.0015952	-.000696	.0008020
#3	-.003403	-.001007	.000224	.0005174	.0003626	-.002872	.0009187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000106	-.000023	.0023276	-.000658	.0000423	.0002783	-.002197
Stddev	.000097	.000090	.0040956	.000129	.0002240	.0009013	.004247
%RSD	91.37786	382.0656	175.9612	19.60843	529.8297	323.8161	193.2503

#1	-.000167	-.000121	-.002334	-.000699	-.000081	-.000598	-.002302
#2	.000006	.000055	.003971	-.000514	-.000093	.001203	-.006391
#3	-.000156	-.000004	.005346	-.000762	.000301	.000230	.002101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000174	-.002683	.0000995	-.000181	.0338280	.0008736	.0026271
Stddev	.000405	.012349	.0004657	.000190	.0122504	.0014319	.0012549
%RSD	233.0164	460.2036	467.8257	105.2499	36.21364	163.9031	47.76814

#1	-.000539	.001811	-.000123	.000025	.0350804	.0001362	.0012070
#2	.000262	.006789	-.000213	-.000216	.0209996	-.000039	.0030874
#3	-.000244	-.016651	.000635	-.000351	.0454041	.002524	.0035868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2785855	.0003436	-.006268	.0000033	.0102568	-.000911	.0001195
Stddev	.0163527	.0000802	.000741	.0002658	.0019650	.000727	.0013163
%RSD	5.869886	23.34372	11.81998	7987.386	19.15848	79.76399	1101.571

#1	.2973998	.0004150	-.007124	.0000790	.0091397	-.001039	.0012014
#2	.2705654	.0002568	-.005866	.0002231	.0091049	-.001566	.0005031
#3	.2677912	.0003588	-.005815	-.000292	.0125258	-.000129	-.001346

Sample Name: PB101089BL Acquired: 8/4/2017 15:09:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000350	-.000200	.0000697
Stddev	.000450	.000037	.0000036
%RSD	128.4872	18.71687	5.208036

#1	-.000618	-.000228	.0000735
#2	.000169	-.000214	.0000663
#3	-.000602	-.000157	.0000693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.2939	1969.791	37500.03	10278.75	3235.004
Stddev	2.5075	50.441	97.46	46.23	87.147
%RSD	.2627647	2.560709	.2599037	.4497384	2.693884

#1	953.4844	2020.801	37562.32	10229.14	3321.216
#2	952.2910	1968.631	37387.71	10286.51	3236.844
#3	957.1062	1919.940	37550.05	10320.61	3146.951

Sample Name: PB101089BS Acquired: 8/4/2017 15:19:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0159120	.0530795	.0189459	.0690883	.1232277	.4100143
Stddev	.0032615	.0014549	.0014762	.0022370	.0012927	.0042857
%RSD	20.49704	2.740996	7.791383	3.237936	1.049026	1.045262

#1	.0121587	.0524704	.0184964	.0668452	.1217554	.4097521
#2	.0180567	.0547400	.0205946	.0691005	.1241765	.4058657
#3	.0175206	.0520281	.0177468	.0713192	.1237512	.4144251

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4453050	.0102404	.0096695	10.93603	.0241784	.0981321
Stddev	.0013022	.0000581	.0000137	.10050	.0003692	.0015740
%RSD	.2924194	.5676824	.1418821	.9189924	1.527093	1.603959

#1	.4446975	.0102029	.0096552	10.85369	.0239599	.0966062
#2	.4444176	.0103073	.0096825	10.90636	.0246047	.0980400
#3	.4467999	.0102109	.0096709	11.04802	.0239706	.0997502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558553	.2437674	.0350173	10.62297	.0802395	.0187650
Stddev	.0007328	.0074588	.0003942	.09760	.0013712	.0002737
%RSD	1.311900	3.059799	1.125649	.9188031	1.708902	1.458652

#1	.0559467	.2395126	.0348591	10.55924	.0787983	.0187340
#2	.0550811	.2394097	.0354660	10.57433	.0803921	.0190529
#3	.0565381	.2523799	.0347268	10.73533	.0815280	.0185081

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64697	.1155212	.1235633	9.378153	F .0031884	F .0165298
Stddev	.02380	.0004065	.0016490	.012005	.0002239	.0004536
%RSD	.2235634	.3518947	1.334544	.1280064	7.023279	2.743943

#1	10.61952	.1159704	.1234226	9.386082	.0029951	.0165357
#2	10.65961	.1154145	.1252781	9.364342	.0034338	.0160733
#3	10.66179	.1151787	.1219891	9.384035	.0031364	.0169804

Sample Name: PB101089BS Acquired: 8/4/2017 15:19:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0250909	.1636376	.2109297	F .0142196	.2240646	.0109114
Stddev	.0005004	.0052218	.0017760	.0005508	.0012982	.0000458
%RSD	1.994438	3.191101	.8420051	3.873595	.5793885	.4199045

#1	.0248070	.1620904	.2091822	.0140781	.2248949	.0109017
#2	.0247971	.1593642	.2108739	.0148274	.2225685	.0108712
#3	.0256687	.1694582	.2127329	.0137534	.2247303	.0109613

Elem	Sr4077
Units	ppm
Avg	.0259048
Stddev	.0000871
%RSD	.3362848

#1	.0258685
#2	.0258418
#3	.0260042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	897.8970	1892.533	36256.11	10196.91	3081.967
Stddev	12.9992	13.438	389.27	36.11	29.326
%RSD	1.447733	.7100571	1.073678	.3540957	.9515306

#1	891.2626	1901.822	35976.00	10210.29	3106.803
#2	889.5538	1898.652	36091.73	10224.43	3089.483
#3	912.8747	1877.124	36700.61	10156.03	3049.614

Sample Name: I4383-01 Acquired: 8/4/2017 15:23:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595538	-.019151	1.706226	-.003253	.0041736	53.62921	1.594618
Stddev	.0046015	.002824	.006743	.002172	.0008737	4.32340	.127458
%RSD	7.726650	14.74830	.3952133	66.75565	20.93307	8.061658	7.993026

#1	.0554929	-.019754	1.707904	-.003993	.0048696	48.64116	1.447496
#2	.0586167	-.016074	1.698802	-.000808	.0044580	55.94626	1.664726
#3	.0645517	-.021625	1.711972	-.004959	.0031932	56.30021	1.671633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056998	.0424739	407.8358	.1021798	.0611062	.3603870	101.5251
Stddev	.0003991	.0002132	31.3419	.0012076	.0002791	.0288572	7.9948
%RSD	7.002613	.5018324	7.684926	1.181834	.4567201	8.007278	7.874740

#1	.0052512	.0423502	371.6487	.1035549	.0609663	.3270666	92.2977
#2	.0058325	.0423514	425.5003	.1016931	.0609247	.3772750	105.8953
#3	.0060157	.0427200	426.3583	.1012916	.0614275	.3768193	106.3823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.016856	104.7746	.1584097	.0017954	1.705115	.1494340	4.855822
Stddev	.307174	8.5096	.0001987	.0003403	.176133	.0106930	.067351
%RSD	7.647120	8.121797	.1254311	18.95297	10.32967	7.155655	1.387021

#1	3.662174	94.9574	.1586385	.0014884	1.504687	.1371717	4.778076
#2	4.191628	109.3230	.1582813	.0021612	1.835234	.1543135	4.896359
#3	4.196765	110.0435	.1583092	.0017365	1.775422	.1568168	4.893033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.711144	1.062482	-.237356	.0034246	3.976776	14.35684	-.002107
Stddev	.863411	.006164	.016433	.0001562	.004972	.91917	.001217
%RSD	8.890933	.5801623	6.923164	4.560853	.1250377	6.402300	57.75314

#1	8.714176	1.066217	-.218562	.0033949	3.982135	13.29831	-.002241
#2	10.20504	1.055367	-.244496	.0032854	3.972312	14.81894	-.000828
#3	10.21422	1.065862	-.249011	.0035935	3.975880	14.95326	-.003250

Sample Name: I4383-01 Acquired: 8/4/2017 15:23:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4142600	.0056600	.0512445
Stddev	.0314169	.0004866	.0040428
%RSD	7.583867	8.597605	7.889150

#1	.3780472	.0050986	.0465797
#2	.4304967	.0059191	.0534248
#3	.4342361	.0059623	.0537292

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	901.8386	1888.181	36387.40	11516.98	2431.511
Stddev	6.3777	7.897	152.93	767.38	9.068
%RSD	.7071835	.4182274	.4202895	6.663000	.3729269

#1	904.6403	1884.428	36459.00	12401.96	2427.251
#2	906.3357	1897.254	36491.40	11112.92	2441.924
#3	894.5396	1882.860	36211.80	11036.06	2425.357

Sample Name: I4383-02 Acquired: 8/4/2017 15:27:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0553701	-.018206	1.688062	-.005824	.0024145	55.91314	1.669332
Stddev	.0030636	.002908	.006881	.001735	.0010950	.20002	.003620
%RSD	5.532861	15.97362	.4076181	29.78478	45.35291	.3577390	.2168797

#1	.0547155	-.018169	1.693922	-.004560	.0032788	56.05338	1.670437
#2	.0587080	-.015317	1.689778	-.007801	.0011831	56.00193	1.672270
#3	.0526867	-.021133	1.680485	-.005110	.0027815	55.68409	1.665287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059312	.0413716	423.1401	.0998757	.0604452	.3762823	105.6525
Stddev	.0001990	.0004730	1.0527	.0012920	.0003675	.0023689	.2684
%RSD	3.354476	1.143294	.2487793	1.293588	.6079671	.6295586	.2540247

#1	.0061089	.0415500	423.6948	.1007416	.0608132	.3779076	105.7860
#2	.0057162	.0417294	423.7994	.1004948	.0604443	.3773750	105.8280
#3	.0059684	.0408353	421.9261	.0983906	.0600782	.3735642	105.3436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.169547	109.0650	.1558950	.0020151	1.825662	.1577517	4.802237
Stddev	.012571	.2148	.0003385	.0003921	.104800	.0039319	.032811
%RSD	.3014950	.1969513	.2171479	19.45909	5.740371	2.492481	.6832424

#1	4.176644	109.0256	.1559549	.0024677	1.933930	.1598652	4.771455
#2	4.176964	109.2967	.1561997	.0017786	1.724714	.1601749	4.798499
#3	4.155032	108.8726	.1555306	.0017989	1.818342	.1532150	4.836757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19661	1.047450	-.243959	.0034557	3.908288	14.86902	.0000040
Stddev	.04971	.004255	.001973	.0004455	.010426	.04508	.0021513
%RSD	.4875584	.4062726	.8086864	12.89129	.2667727	.3031854	54063.74

#1	10.24361	1.052089	-.246226	.0039165	3.917075	14.87667	.0009414
#2	10.20166	1.046533	-.243020	.0030273	3.911023	14.90978	-.002457
#3	10.14456	1.043727	-.242631	.0034233	3.896767	14.82060	.001527

Sample Name: I4383-02 Acquired: 8/4/2017 15:27:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4294645	.0059464	.0534258
Stddev	.0031043	.0000214	.0001282
%RSD	.7228368	.3594828	.2399146

#1	.4310600	.0059477	.0535264
#2	.4314466	.0059245	.0534696
#3	.4258869	.0059672	.0532815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	904.6727	1897.156	36537.76	11072.03	2447.803
Stddev	6.9170	7.267	56.50	70.58	11.609
%RSD	.7645823	.3830387	.1546457	.6374238	.4742533

#1	912.6338	1891.657	36588.17	11029.24	2434.993
#2	900.1348	1905.394	36476.68	11033.37	2457.627
#3	901.2496	1894.415	36548.44	11153.49	2450.789

Sample Name: I4383-03 Acquired: 8/4/2017 15:31:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1249771	.1111339	1.695337	.0871229	.1921398	58.65688	5.708323
Stddev	.0025608	.0005489	.006746	.0017817	.0024631	.11104	.004768
%RSD	2.049050	.4938884	.3979083	2.045036	1.281932	.1893028	.0835330

#1	.1279042	.1115340	1.687627	.0888467	.1946785	58.76247	5.705108
#2	.1231501	.1113595	1.698230	.0852885	.1897599	58.66708	5.713802
#3	.1238771	.1105082	1.700155	.0872335	.1919809	58.54110	5.706060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991134	.1369820	413.7509	.4814182	1.077259	.8578809	105.8181
Stddev	.0009330	.0006918	2.0105	.0004785	.001170	.0057591	.4376
%RSD	.9413215	.5050453	.4859128	.0993890	.1086033	.6713190	.4135239

#1	.1000224	.1363879	415.0034	.4809634	1.076479	.8574641	106.1664
#2	.0981582	.1377415	411.4319	.4813737	1.078604	.8638371	105.3269
#3	.0991597	.1368166	414.8174	.4819173	1.076694	.8523415	105.9608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.069195	107.4923	1.176065	.0445059	1.792464	1.161278	5.570771
Stddev	.025556	.2350	.002991	.0004125	.071262	.003171	.067712
%RSD	.5041346	.2186179	.2543017	.9269344	3.975662	.2730615	1.215490

#1	5.086765	107.7510	1.172719	.0447792	1.806511	1.162450	5.553635
#2	5.039878	107.2920	1.178478	.0447072	1.855656	1.163696	5.645405
#3	5.080942	107.4341	1.176997	.0440314	1.715224	1.157688	5.513274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.992188	1.025766	-.243315	.0027587	3.828491	15.62625	-.001303
Stddev	.031465	.005787	.000848	.0003473	.011139	.08643	.000773
%RSD	.3148952	.5641451	.3483635	12.59015	.2909426	.5531074	59.29758

#1	9.991241	1.021903	-.243826	.0023874	3.817410	15.72183	-.000418
#2	10.02412	1.022976	-.242337	.0028132	3.839687	15.55359	-.001846
#3	9.96121	1.032419	-.243783	.0030756	3.828377	15.60334	-.001645

Sample Name: I4383-03 Acquired: 8/4/2017 15:31:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET997S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4443862	.0058336	.0521907
Stddev	.0009778	.0001077	.0000814
%RSD	.2200419	1.846438	.1560402

#1	.4434286	.0059207	.0522333
#2	.4443470	.0058670	.0522420
#3	.4453831	.0057132	.0520968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	897.9297	1890.685	36462.49	11039.88	2438.116
Stddev	9.6492	6.717	208.85	40.71	.135
%RSD	1.074604	.3552803	.5727882	.3687362	.0055417

#1	901.5206	1882.988	36516.57	10996.49	2438.195
#2	886.9999	1893.702	36231.92	11077.23	2437.960
#3	905.2686	1895.365	36638.99	11045.92	2438.194

Sample Name: I4383-01LX5 Acquired: 8/4/2017 15:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160970	-.003399	.3594432	-.001098	.0016529	11.75337	.3623043
Stddev	.0027773	.000340	.0016653	.002090	.0016707	.01017	.0006316
%RSD	17.25349	9.988992	.4632987	190.3809	101.0763	.0865622	.1743150

#1	.0167473	-.003281	.3580158	-.003317	.0007268	11.74730	.3627344
#2	.0184914	-.003134	.3590410	-.000810	.0035815	11.74770	.3615792
#3	.0130522	-.003781	.3612727	.000833	.0006503	11.76511	.3625993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012868	.0082101	91.62490	.0229593	.0114039	.0814821	24.21637
Stddev	.0001104	.0000654	.08216	.0009142	.0002026	.0003084	.04913
%RSD	8.580328	.7965978	.0896709	3.982022	1.776302	.3784829	.2028897

#1	.0012461	.0081412	91.69750	.0222895	.0112270	.0815351	24.25889
#2	.0012024	.0082180	91.64149	.0240008	.0116249	.0817605	24.16258
#3	.0014117	.0082713	91.53571	.0225874	.0113598	.0811506	24.22762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9510498	23.71844	.0319330	.0003545	.4411117	.0352928	1.028676
Stddev	.0010691	.07007	.0004321	.0001916	.0696028	.0005820	.004229
%RSD	.1124074	.2954277	1.353189	54.04994	15.77894	1.649172	.4111484

#1	.9521829	23.64127	.0319335	.0001346	.5213273	.0358524	1.027454
#2	.9509075	23.77807	.0315007	.0004431	.4053199	.0353354	1.033381
#3	.9500591	23.73599	.0323649	.0004859	.3966877	.0346906	1.025192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.151895	.2011896	-.059160	.0001861	.7625252	3.462045	-.001288
Stddev	.014341	.0003206	.000254	.0002592	.0082419	.004371	.001309
%RSD	.6664245	.1593703	.4297280	139.2554	1.080875	.1262572	101.6452

#1	2.167283	.2008683	-.059304	.0002269	.7589552	3.457706	-.001303
#2	2.138904	.2011910	-.059309	-.000091	.7566701	3.466447	.000029
#3	2.149497	.2015096	-.058866	.000423	.7719503	3.461984	-.002588

Sample Name: I4383-01LX5 Acquired: 8/4/2017 15:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET997L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0940988	.0010450	.0117023
Stddev	.0007026	.0000368	.0000437
%RSD	.7466586	3.520950	.3736559

#1	.0934611	.0010869	.0117378
#2	.0939832	.0010180	.0116534
#3	.0948520	.0010301	.0117156

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	898.7451	1906.883	35773.48	10344.52	2848.240
Stddev	4.8753	6.296	69.38	18.40	12.137
%RSD	.5424586	.3301701	.1939531	.1778729	.4261383

#1	896.6736	1899.989	35741.61	10333.53	2834.230
#2	895.2475	1908.331	35725.76	10334.28	2855.556
#3	904.3140	1912.329	35853.08	10365.77	2854.935

Sample Name: I4390-05 Acquired: 8/4/2017 15:39:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886285	-.020888	.6945191	-.009248	.0060542	81.86946	2.115722
Stddev	.0011408	.003853	.0034144	.001241	.0013469	.18864	.003286
%RSD	1.287128	18.44603	.4916184	13.41632	22.24693	.2304115	.1552984

#1	.0885508	-.019411	.6984163	-.008908	.0071639	82.00695	2.113354
#2	.0898061	-.017991	.6930873	-.010623	.0064430	81.94703	2.114338
#3	.0875285	-.025261	.6920537	-.008212	.0045557	81.65441	2.119473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073112	.0794130	169.9418	.1226684	.0932565	.2580414	150.3332
Stddev	.0000889	.0004127	.3628	.0007538	.0007078	.0013159	.2439
%RSD	1.215507	.5197306	.2135122	.6145199	.7590339	.5099478	.1622712

#1	.0072088	.0789778	170.0242	.1219371	.0925289	.2595587	150.2088
#2	.0073568	.0794625	170.2564	.1234429	.0932980	.2572121	150.6142
#3	.0073680	.0797988	169.5449	.1226251	.0939427	.2573535	150.1764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.597922	34.98114	.1864270	.0011465	2.002778	.2173720	3.184470
Stddev	.014652	.05659	.0003663	.0002957	.067054	.0022495	.020003
%RSD	.2220759	.1617760	.1965135	25.79127	3.348064	1.034884	.6281552

#1	6.596090	34.95715	.1862736	.0009573	2.077409	.2185389	3.202879
#2	6.613404	35.04578	.1861622	.0009949	1.983320	.2187982	3.187346
#3	6.584271	34.94050	.1868451	.0014872	1.947604	.2147787	3.163184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.76516	.8446063	-.373045	.0013778	1.924503	13.89060	.0112872
Stddev	.08361	.0011508	.002313	.0002689	.004669	.00512	.0013810
%RSD	.4455435	.1362548	.6201539	19.51595	.2425943	.0368797	12.23511

#1	18.82589	.8435524	-.370518	.0015474	1.919837	13.88642	.0121871
#2	18.79979	.8458342	-.373558	.0010677	1.924500	13.89632	.0119775
#3	18.66981	.8444325	-.375059	.0015181	1.929174	13.88907	.0096972

Sample Name: I4390-05 Acquired: 8/4/2017 15:39:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9Q1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6348098	.0077751	.0487542
Stddev	.0037973	.0000272	.0000018
%RSD	.5981768	.3503288	.0035837

#1	.6348936	.0077446	.0487536
#2	.6385646	.0077837	.0487529
#3	.6309714	.0077970	.0487562

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	974.5987	2043.077	39028.01	11581.71	2591.410
Stddev	2.0166	9.684	43.92	37.74	9.810
%RSD	.2069208	.4739824	.1125454	.3258423	.3785423

#1	974.1265	2031.898	39010.29	11569.22	2581.902
#2	972.8601	2048.871	38995.72	11551.80	2601.496
#3	976.8096	2048.463	39078.03	11624.11	2590.833

Sample Name: I4390-06 Acquired: 8/4/2017 15:43:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9Q1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925023	-.019464	.6916680	-.005492	.0050280	81.42830	2.116187
Stddev	.0034978	.003699	.0023551	.000518	.0015370	.11567	.003588
%RSD	3.781347	19.00226	.3404939	9.429408	30.56892	.1420511	.1695635

#1	.0941460	-.021770	.6941727	-.005448	.0060754	81.55048	2.120201
#2	.0948755	-.015198	.6913329	-.006030	.0032635	81.32048	2.115072
#3	.0884853	-.021424	.6894984	-.004997	.0057451	81.41394	2.113289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075290	.0792506	170.4797	.1228161	.0931602	.2569064	150.6778
Stddev	.0001637	.0003516	.8692	.0011339	.0010759	.0013259	.5037
%RSD	2.174660	.4436238	.5098500	.9232068	1.154940	.5161154	.3342825

#1	.0074412	.0794309	169.9300	.1229259	.0932574	.2584353	150.3546
#2	.0074279	.0794755	170.0272	.1238911	.0941843	.2560722	150.4207
#3	.0077179	.0788455	171.4817	.1216314	.0920390	.2562116	151.2582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.600658	35.01334	.1862189	.0014334	1.922546	.2138882	3.158500
Stddev	.031832	.09272	.0022492	.0002334	.055005	.0020544	.017912
%RSD	.4822589	.2648154	1.207823	16.28504	2.861055	.9605017	.5671145

#1	6.579927	34.90713	.1881344	.0016039	1.918666	.2115160	3.144795
#2	6.584738	35.05469	.1867800	.0011673	1.869584	.2150753	3.151937
#3	6.637310	35.07818	.1837423	.0015290	1.979389	.2150732	3.178768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.69026	.8386327	-.372713	.0017090	1.912047	13.94287	.0098123
Stddev	.02624	.0108854	.000890	.0004099	.021181	.04947	.0006524
%RSD	.1404150	1.297987	.2387203	23.98463	1.107791	.3547762	6.648660

#1	18.70861	.8471457	-.373248	.0014247	1.928247	13.89880	.0091880
#2	18.66020	.8423848	-.371686	.0015234	1.919815	13.93344	.0097594
#3	18.70197	.8263676	-.373206	.0021789	1.888078	13.99638	.0104896

Sample Name: I4390-06 Acquired: 8/4/2017 15:43:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9Q1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6295675	.0077448	.0487062
Stddev	.0009895	.0000368	.0001337
%RSD	.1571701	.4751944	.2744820

#1	.6300641	.0077071	.0488414
#2	.6302102	.0077806	.0487032
#3	.6284280	.0077466	.0485741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	971.6500	2056.739	38851.65	11587.33	2603.287
Stddev	3.0169	12.557	86.78	20.69	21.077
%RSD	.3104974	.6105194	.2233724	.1785189	.8096181

#1	973.8358	2048.173	38755.74	11565.16	2585.512
#2	972.9063	2050.890	38874.48	11606.11	2597.778
#3	968.2079	2071.153	38924.75	11590.73	2626.571

Sample Name: I4390-07 Acquired: 8/4/2017 15:47:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9Q1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1596629	.1143501	.7279849	.0832165	.1913518	84.29341	6.135255
Stddev	.0025490	.0020290	.0012456	.0024174	.0001141	.09978	.029540
%RSD	1.596510	1.774341	.1711029	2.904931	.0596503	.1183712	.4814723

#1	.1595210	.1120208	.7266970	.0850641	.1914759	84.25867	6.158137
#2	.1571878	.1152963	.7280743	.0841047	.1912513	84.40591	6.101908
#3	.1622800	.1157331	.7291834	.0804806	.1913282	84.21564	6.145721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998777	.1780616	167.8984	.5099381	1.150376	.7440400	149.9019
Stddev	.0007683	.0005299	.4832	.0025302	.000125	.0016553	.2148
%RSD	.7692266	.2975939	.2877945	.4961860	.0108329	.2224709	.1433013

#1	.1007244	.1780146	168.4144	.5119259	1.150410	.7437897	150.1454
#2	.0992250	.1786134	167.4565	.5107985	1.150480	.7458062	149.7389
#3	.0996837	.1775567	167.8244	.5070898	1.150238	.7425241	149.8215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.462571	34.39853	1.255309	.0428413	1.871196	1.218966	4.042006
Stddev	.012701	.08885	.002492	.0001671	.040900	.002321	.026880
%RSD	.1702014	.2582952	.1985348	.3900191	2.185770	.1903672	.6650257

#1	7.475410	34.40519	1.255686	.0429356	1.864393	1.221624	4.054218
#2	7.450012	34.48386	1.252650	.0426484	1.915070	1.217925	4.011187
#3	7.462291	34.30653	1.257592	.0429400	1.834123	1.217348	4.060612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.48199	.8230679	-.373296	.0010214	1.867364	14.31368	.0086271
Stddev	.05274	.0002778	.002447	.0004281	.006871	.05846	.0028854
%RSD	.2853733	.0337526	.6554338	41.90968	.3679449	.4084222	33.44624

#1	18.46987	.8233163	-.374026	.0008126	1.869871	14.37920	.0064551
#2	18.53974	.8227679	-.375294	.0007379	1.872629	14.29498	.0119011
#3	18.43636	.8231196	-.370567	.0015139	1.859592	14.26686	.0075249

Sample Name: I4390-07 Acquired: 8/4/2017 15:47:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9Q1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6308066	.0076656	.0481558
Stddev	.0022354	.0000617	.0000846
%RSD	.3543717	.8044437	.1757423

#1	.6327528	.0076127	.0481445
#2	.6283651	.0077334	.0482456
#3	.6313020	.0076508	.0480775

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.7618	2032.337	38734.90	11534.49	2585.607
Stddev	4.0577	3.841	75.92	32.89	4.658
%RSD	.4214688	.1889697	.1959883	.2851807	.1801479

#1	961.7896	2033.970	38714.82	11498.66	2583.329
#2	967.2174	2035.091	38818.84	11563.32	2590.966
#3	959.2786	2027.950	38671.04	11541.48	2582.527

Sample Name: I4390-05LX5 Acquired: 8/4/2017 15:51:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9Q1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282218	-.005378	.1477888	-.002744	.0003639	20.11183	.5294090
Stddev	.0019219	.001237	.0026628	.001643	.0010779	.44398	.0126165
%RSD	6.810093	23.00195	1.801724	59.86846	296.2086	2.207566	2.383130

#1	.0281857	-.005218	.1508031	-.004618	.0010878	20.55309	.5424709
#2	.0263182	-.006686	.1457566	-.001554	-.000875	20.11723	.5284654
#3	.0301616	-.004228	.1468068	-.002060	.000879	19.66518	.5172908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018291	.0158625	43.21578	.0306283	.0184117	.0652404	39.64582
Stddev	.0001303	.0002924	.77281	.0008648	.0005028	.0015323	.71641
%RSD	7.125508	1.843215	1.788270	2.823632	2.730932	2.348656	1.807026

#1	.0019784	.0161995	44.04935	.0316075	.0189873	.0667412	40.39682
#2	.0017712	.0157115	43.07490	.0303084	.0180583	.0653014	39.57072
#3	.0017378	.0156765	42.52310	.0299691	.0181895	.0636785	38.96992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.733105	8.887419	.0380943	.0003414	.5473472	.0561138	.8086745
Stddev	.033041	.212271	.0004051	.0000626	.0739917	.0011042	.0255750
%RSD	1.906485	2.388443	1.063450	18.34640	13.51824	1.967818	3.162587

#1	1.768785	9.113523	.0384281	.0003809	.5705500	.0564348	.8381664
#2	1.726967	8.856324	.0376436	.0002692	.6069567	.0570221	.7952522
#3	1.703563	8.692411	.0382112	.0003742	.4645349	.0548847	.7926048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.674954	.1661619	-.098017	.0000944	.3771254	3.723730	.0016378
Stddev	.083427	.0039036	.002115	.0002362	.0090952	.047299	.0002845
%RSD	1.784547	2.349260	2.157963	250.1081	2.411718	1.270201	17.37319

#1	4.755649	.1706504	-.100459	.0003542	.3869677	3.776137	.0015544
#2	4.680172	.1642759	-.096755	.0000365	.3753775	3.710845	.0019547
#3	4.589041	.1635595	-.096837	-.000107	.3690310	3.684209	.0014042

Sample Name: I4390-05LX5 Acquired: 8/4/2017 15:51:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9Q1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1651351	.0017173	.0125910
Stddev	.0032173	.0000575	.0002793
%RSD	1.948287	3.347338	2.218386

#1	.1686082	.0017747	.0128811
#2	.1645404	.0017174	.0125679
#3	.1622566	.0016597	.0123239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	927.6044	1970.020	36782.10	10525.05	2974.893
Stddev	9.0641	2.149	312.97	32.16	12.025
%RSD	.9771535	.1090888	.8508780	.3055248	.4042120

#1	917.8451	1968.506	36425.17	10506.87	2965.279
#2	935.7590	1969.075	36911.53	10562.17	2971.023
#3	929.2090	1972.480	37009.58	10506.10	2988.376

Sample Name: CCV082 Acquired: 8/4/2017 15:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.063337	4.825250	24.23831	4.918695	5.132710	401.0199
Stddev	.020989	.025964	.06904	.013851	.010462	1.4554
%RSD	.4145290	.5380773	.2848519	.2815925	.2038273	.3629220

#1	5.048598	4.855021	24.31792	4.927540	5.126827	401.7768
#2	5.087368	4.807302	24.20217	4.925812	5.126515	401.9409
#3	5.054045	4.813428	24.19484	4.902732	5.144789	399.3420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38135	.5106505	2.448676	398.6386	15.16533	2.485925
Stddev	.02625	.0009272	.006880	.2230	.05272	.005382
%RSD	.2529044	.1815765	.2809598	.0559300	.3476556	.2164930

#1	10.39994	.5114447	2.456416	398.8322	15.22604	2.492135
#2	10.39279	.5108751	2.446355	398.3949	15.13900	2.483012
#3	10.35131	.5096316	2.443257	398.6887	15.13097	2.482628

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.77558	397.8726	15.00241	408.8430	2.470653	1.303309
Stddev	.10322	.6854	.02665	.7012	.006871	.001906
%RSD	.6542883	.1722629	.1776491	.1714981	.2780897	.1462753

#1	15.88556	398.4135	15.03054	409.6327	2.478489	1.305017
#2	15.76034	397.1018	14.97754	408.2935	2.465664	1.301252
#3	15.68082	398.1024	14.99915	408.6029	2.467805	1.303658

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.0060	2.497603	14.81721	157.0439	5.369256	F 4.295414
Stddev	2.8820	.018232	.06669	1.0374	.019763	.016212
%RSD	.7241135	.7299669	.4500756	.6605608	.3680805	.3774233

#1	400.7634	2.513997	14.85707	158.0106	5.382261	4.301751
#2	398.2410	2.500844	14.74022	157.1731	5.378993	4.307501
#3	395.0137	2.477969	14.85434	155.9479	5.346513	4.276991

Sample Name: CCV082 Acquired: 8/4/2017 15:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975319	4.972098	5.057877	4.940873	5.047878	5.380036
Stddev	.008717	.025503	.012964	.019988	.031509	.022795
%RSD	.1752086	.5129197	.2563179	.4045374	.6242095	.4237050

#1	4.981831	4.994654	5.062841	4.958612	5.075318	5.367324
#2	4.978710	4.977217	5.067627	4.944790	5.054848	5.406353
#3	4.965416	4.944424	5.043165	4.919216	5.013467	5.366432

Elem	Sr4077
Units	ppm
Avg	4.827198
Stddev	.033982
%RSD	.7039739

#1	4.832458
#2	4.858244
#3	4.790893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	723.2701	1549.852	29919.06	9325.628	2034.602
Stddev	4.7725	.816	85.25	23.322	1.875
%RSD	.6598477	.0526611	.2849398	.2500862	.0921359

#1	720.4912	1548.974	29873.62	9308.434	2032.792
#2	728.7808	1549.994	30017.40	9316.275	2036.535
#3	720.5383	1550.587	29866.15	9352.175	2034.478

Sample Name: CCB082 Acquired: 8/4/2017 16:03:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013103	-.001009	-.001432	-.002006	.0013074	.0006678	.0003522
Stddev	.0017658	.000931	.001846	.002730	.0002240	.0019066	.0002929
%RSD	134.7678	92.29635	128.8855	136.1105	17.13474	285.5219	83.16860

#1	-.000674	-.000723	-.002426	-.003314	.0015590	.0016031	.0000902
#2	.002707	-.002050	-.002569	-.003836	.0012338	-.001526	.0006685
#3	.001898	-.000255	.000698	.001132	.0011295	.001926	.0002980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.000059	-.000535	-.000483	.0001442	.0005296	.0039436
Stddev	.000028	.000066	.006376	.000217	.0002768	.0006057	.0037699
%RSD	37.10112	110.9604	1191.984	44.92385	192.0129	114.3665	95.59535

#1	-.000052	.000016	-.007884	-.000477	.0000713	.0001725	-.000253
#2	-.000106	-.000091	.003535	-.000703	-.000089	.0012290	.007045
#3	-.000067	-.000103	.002744	-.000269	.000450	.0001874	.005039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000620	-.011460	.0001779	-.000137	.0583539	-.000588	-.000491
Stddev	.0000298	.006185	.0001393	.000193	.0922876	.001121	.001420
%RSD	47.99704	53.97631	78.30022	140.5273	158.1515	190.4662	289.3800

#1	.0000313	-.014042	.0000171	-.000151	-.036605	-.001518	-.002013
#2	.0000640	-.015936	.0002621	-.000323	.063952	.000656	-.000257
#3	.0000907	-.004401	.0002546	.000062	.147715	-.000904	.000798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008215	.0000792	.0006664	.0005073	.0030403	-.001289	-.000592
Stddev	.007568	.0000746	.0001499	.0005077	.0014902	.000145	.001724
%RSD	92.12326	94.20612	22.49766	100.0882	49.01413	11.26175	291.1184

#1	-.015927	.0000702	.0004971	.0002691	.0014093	-.001231	-.002039
#2	-.007921	.0001578	.0007824	.0010903	.0033809	-.001454	-.001054
#3	-.000798	.0000094	.0007198	.0001625	.0043306	-.001181	.001316

Sample Name: CCB082 Acquired: 8/4/2017 16:03:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000060	.0002428	.0000889
Stddev	.000270	.0000299	.0000048
%RSD	447.5713	12.29712	5.366158

#1	-.000126	.0002359	.0000941
#2	-.000291	.0002755	.0000880
#3	.000236	.0002170	.0000847

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	936.3649	1996.165	37223.11	10212.68	3302.115
Stddev	6.5861	3.568	210.31	19.73	10.007
%RSD	.7033664	.1787223	.5649899	.1931564	.3030528

#1	931.4699	2000.260	37119.41	10191.99	3309.291
#2	933.7720	1993.726	37084.78	10214.78	3290.683
#3	943.8528	1994.510	37465.12	10231.28	3306.370

Sample Name: PB101090BL Acquired: 8/4/2017 16:08:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0006243	-.001747	-.000009	-.000893	.0001116	-.002681	.0005766
Stddev	.0018192	.001335	.000610	.001677	.0009315	.005741	.0002238
%RSD	291.3987	76.37921	6523.727	187.7050	834.9623	214.1200	38.81746

#1	.0005558	-.000368	-.000056	.000991	.0010404	.003661	.0006091
#2	.0024768	-.001843	-.000594	-.001451	-.000823	-.007523	.0007823
#3	-.001160	-.003032	.000623	-.002220	.000117	-.004183	.0003383

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000077	-.000056	.0068798	-.000532	.0000886	.0001348	-.003018
Stddev	.000057	.000077	.0057654	.000438	.0001486	.0010326	.001167
%RSD	73.69799	137.8937	83.80148	82.39330	167.7917	765.8696	38.68118

#1	-.000026	.000013	.0021945	-.001037	.0000666	-.000252	-.004262
#2	-.000138	-.000139	.0051267	-.000301	-.000048	-.000649	-.002846
#3	-.000067	-.000041	.0133183	-.000257	.000247	.001305	-.001946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	-.012366	-.000059	-.000247	.0699819	.0015512	.0004716
Stddev	.000176	.009472	.000190	.000102	.0844351	.0019037	.0016032
%RSD	113.1182	76.59810	322.9398	41.39858	120.6528	122.7244	339.9196

#1	-.000020	-.021401	-.000272	-.000212	.0550844	-.000431	.0014216
#2	-.000093	-.002510	.000003	-.000167	-.006013	.001719	-.001379
#3	-.000354	-.013187	.000093	-.000362	.160874	.003366	.001373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032836	.0001124	-.003772	.0003025	.0030301	-.002455	.0013313
Stddev	.019030	.0002046	.000901	.0000807	.0005460	.000532	.0002708
%RSD	57.95441	182.1234	23.89836	26.66369	18.02067	21.66782	20.34243

#1	-.035110	-.000123	-.004491	.0002526	.0036393	-.003069	.0010847
#2	-.050627	.000251	-.002760	.0003956	.0028660	-.002138	.0012881
#3	-.012771	.000209	-.004064	.0002594	.0025849	-.002158	.0016211

Sample Name: PB101090BL Acquired: 8/4/2017 16:08:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000170	-.000077	.0000739
Stddev	.000147	.000010	.0000040
%RSD	86.25972	13.61787	5.382030

#1	-.000332	-.000079	.0000715
#2	-.000047	-.000066	.0000717
#3	-.000131	-.000086	.0000785

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	932.3414	1998.198	36919.38	10326.86	3297.348
Stddev	21.8114	5.784	995.90	149.47	12.916
%RSD	2.339418	.2894406	2.697496	1.447394	.3917144

#1	907.1621	1996.728	35771.69	10442.10	3295.047
#2	944.4425	1993.290	37555.79	10380.51	3285.736
#3	945.4196	2004.574	37430.67	10157.97	3311.260

Sample Name: I4406-03 Acquired: 8/4/2017 16:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2863421	-.047971	.8701877	-.020660	.0133017	68.32896	.8438673
Stddev	.0024490	.001192	.0113061	.003150	.0012405	.08947	.0013309
%RSD	.8552804	2.485836	1.299265	15.24773	9.326014	.1309365	.1577143

#1	.2835201	-.048653	.8661905	-.017591	.0124878	68.24523	.8447820
#2	.2875959	-.046594	.8614232	-.023886	.0147295	68.42323	.8444794
#3	.2879104	-.048665	.8829494	-.020502	.0126879	68.31842	.8423404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047345	.0032892	45.88361	.1207288	.1365929	.7855007	316.7555
Stddev	.0001069	.0001748	.15572	.0008596	.0016419	.0030468	.4956
%RSD	2.257726	5.314956	.3393861	.7120313	1.202014	.3878784	.1564674

#1	.0048534	.0030972	45.72889	.1201929	.1361970	.7865593	316.2813
#2	.0046464	.0033313	46.04031	.1217203	.1351852	.7820658	317.2701
#3	.0047036	.0034392	45.88163	.1202731	.1383965	.7878770	316.7152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.878606	43.41045	.3051103	.0008743	4.112696	.1774906	1.202132
Stddev	.008200	.11815	.0041519	.0003476	.074322	.0012649	.007042
%RSD	.1394852	.2721616	1.360803	39.76165	1.807130	.7126546	.5858031

#1	5.873597	43.45310	.3033201	.0011787	4.159166	.1787663	1.196869
#2	5.888069	43.50135	.3021538	.0009488	4.151943	.1774687	1.199394
#3	5.874153	43.27690	.3098570	.0004955	4.026978	.1762368	1.210131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97849	.8264857	-.810333	.0021260	4.469627	14.94753	.0136719
Stddev	.01651	.0086010	.004161	.0005677	.065373	.01664	.0029005
%RSD	.1503876	1.040673	.5135400	26.70238	1.462597	.1113310	21.21466

#1	10.99750	.8224143	-.809449	.0020894	4.445314	14.95964	.0126056
#2	10.96775	.8206763	-.814866	.0015775	4.419895	14.95439	.0114556
#3	10.97022	.8363665	-.806685	.0027111	4.543673	14.92855	.0169546

Sample Name: I4406-03 Acquired: 8/4/2017 16:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.773110	.0063736	.0297566
Stddev	.004683	.0000480	.0000874
%RSD	.2641017	.7525498	.2935823

#1	1.767728	.0064048	.0297512
#2	1.775351	.0063978	.0298465
#3	1.776252	.0063184	.0296720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	939.9268	1987.229	38195.95	11211.39	2697.729
Stddev	8.2218	8.588	84.23	20.32	19.763
%RSD	.8747251	.4321732	.2205190	.1812666	.7325697

#1	943.9902	1988.367	38292.58	11196.68	2707.464
#2	945.3257	1995.191	38157.23	11202.91	2710.736
#3	930.4644	1978.128	38138.04	11234.58	2674.987

Sample Name: I4406-04 Acquired: 8/4/2017 16:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2892346	-.044418	.8650979	-.020239	.0135007	68.17201	.8447313
Stddev	.0064786	.000683	.0074715	.001820	.0017282	.34381	.0035071
%RSD	2.239897	1.537739	.8636536	8.994017	12.80066	.5043210	.4151718

#1	.2889188	-.043731	.8566329	-.020475	.0138310	68.18281	.8457498
#2	.2958653	-.044427	.8707730	-.018313	.0150399	68.51030	.8476164
#3	.2829197	-.045097	.8678877	-.021930	.0116312	67.82294	.8408277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047237	.0034408	46.00921	.1188500	.1350627	.7873624	317.8231
Stddev	.0001121	.0003166	.37840	.0003872	.0001260	.0019388	2.3404
%RSD	2.372636	9.201316	.8224488	.3257917	.0932670	.2462345	.7363738

#1	.0046011	.0031927	46.16831	.1191559	.1349172	.7864895	319.2747
#2	.0047492	.0033324	46.28209	.1184146	.1351328	.7895841	319.0714
#3	.0048209	.0037974	45.57724	.1189793	.1351380	.7860135	315.1232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.893065	43.48802	.3027685	.0008341	4.142981	.1791822	1.192757
Stddev	.044287	.26144	.0018555	.0001401	.028352	.0011715	.001479
%RSD	.7515090	.6011773	.6128353	16.79884	.6843398	.6537826	.1240081

#1	5.917221	43.65435	.3006649	.0007066	4.123031	.1782776	1.191958
#2	5.920021	43.62303	.3041723	.0009841	4.130476	.1805054	1.194464
#3	5.841953	43.18668	.3034684	.0008117	4.175436	.1787634	1.191849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97754	.8202029	-.812658	.0027764	4.454589	14.91865	.0132735
Stddev	.05020	.0054975	.005191	.0005222	.044390	.10519	.0017367
%RSD	.4572640	.6702595	.6387612	18.80871	.9964968	.7050848	13.08385

#1	10.95840	.8142271	-.814237	.0033783	4.403642	14.97580	.0116782
#2	11.03450	.8250454	-.816876	.0024440	4.475186	14.98288	.0130188
#3	10.93974	.8213362	-.806861	.0025069	4.484938	14.79725	.0151234

Sample Name: I4406-04 Acquired: 8/4/2017 16:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.764762	.0063228	.0296901
Stddev	.009116	.0000306	.0001486
%RSD	.5165659	.4845624	.5003439

#1	1.766554	.0063151	.0296896
#2	1.772850	.0062968	.0298390
#3	1.754883	.0063566	.0295419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.9933	1981.682	37823.10	11143.04	2699.891
Stddev	5.3897	7.973	75.73	59.66	11.198
%RSD	.5826746	.4023579	.2002227	.5353685	.4147656

#1	919.1223	1990.855	37737.85	11108.93	2712.709
#2	929.7170	1976.407	37848.87	11108.27	2694.962
#3	926.1405	1977.784	37882.58	11211.93	2692.004

Sample Name: I4406-05 Acquired: 8/4/2017 16:24:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3548892	.0847066	.8874012	.0684943	.2006543	70.88765
Stddev	.0180414	.0023522	.0355073	.0020999	.0066876	.23627
%RSD	5.083661	2.776866	4.001269	3.065831	3.332902	.3332985

#1	.3691701	.0858719	.9168806	.0686416	.2058980	71.11451
#2	.3346136	.0819993	.8479837	.0663245	.1931231	70.64299
#3	.3608840	.0862487	.8973393	.0705166	.2029419	70.90545

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017743	.0965460	.0985990	44.41241	.5154141	1.146563
Stddev	.035803	.0004264	.0040720	.37178	.0041525	.046268
%RSD	.7135246	.4416238	4.129888	.8371180	.8056630	4.035383

#1	5.056918	.0960542	.1020518	43.98846	.5123153	1.187340
#2	4.986717	.0968134	.0941085	44.56589	.5137946	1.096280
#3	5.009595	.0967701	.0996367	44.68288	.5201323	1.156068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271103	F 310.8297	6.733542	42.31076	1.318649	.0424874
Stddev	.009865	1.0657	.031197	.08769	.049588	.0005319
%RSD	.7760727	.3428702	.4633118	.2072630	3.760521	1.251896

#1	1.278243	309.6644	6.701620	42.34902	1.363010	.0421386
#2	1.259847	311.0700	6.735046	42.21044	1.265115	.0422239
#3	1.275220	311.7549	6.763960	42.37283	1.327822	.0430996

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.988366	1.201719	2.101019	10.87841	.8011997	-.801607
Stddev	.039431	.005423	.028464	.07769	.0305071	.002160
%RSD	.9886627	.4512965	1.354757	.7141253	3.807683	.2694840

#1	3.955291	1.206850	2.070783	10.95137	.8296819	-.801868
#2	3.977802	1.196044	2.104978	10.79673	.7690071	-.803625
#3	4.032003	1.202262	2.127296	10.88713	.8049101	-.799328

Sample Name: I4406-05 Acquired: 8/4/2017 16:24:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016463	4.342486	15.05422	.0105881	1.737001	.0062481
Stddev	.0005321	.160596	.01157	.0032767	.004311	.0000750
%RSD	32.31760	3.698261	.0768629	30.94687	.2481686	1.200022

#1	.0016293	4.482890	15.04332	.0138773	1.739809	.0063198
#2	.0011230	4.167374	15.06636	.0073241	1.732038	.0061703
#3	.0021867	4.377195	15.05297	.0105629	1.739156	.0062542

Elem	Sr4077
Units	ppm
Avg	.0292349
Stddev	.0001488
%RSD	.5090621

#1	.0293901
#2	.0290934
#3	.0292213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.5714	1972.487	37842.06	11140.83	2701.449
Stddev	5.5695	64.246	44.32	19.59	96.818
%RSD	.6036947	3.257123	.1171234	.1758499	3.583911

#1	924.2203	1910.697	37890.99	11128.52	2611.029
#2	916.3636	2038.936	37830.61	11130.55	2803.596
#3	927.1303	1967.827	37804.59	11163.42	2689.721

Sample Name: I4406-03LX5 Acquired: 8/4/2017 16:28:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667283	-.010203	.1869719	-.005024	.0026980	14.77602	.1861867
Stddev	.0005910	.001089	.0023257	.002087	.0009227	.02398	.0006207
%RSD	.8856087	10.67363	1.243899	41.53613	34.19877	.1622846	.3333738

#1	.0660466	-.011084	.1886293	-.003474	.0035203	14.75154	.1855226
#2	.0670431	-.008985	.1879732	-.004202	.0017002	14.77704	.1862851
#3	.0670952	-.010540	.1843133	-.007397	.0028735	14.79947	.1867523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010881	.0002719	10.34589	.0269158	.0275626	.1738948	72.01568
Stddev	.0001131	.0000391	.03046	.0004901	.0001727	.0007332	.12102
%RSD	10.39255	14.39234	.2944643	1.820849	.6265831	.4216344	.1680532

#1	.0011715	.0002922	10.35897	.0266491	.0277445	.1731679	71.87618
#2	.0011334	.0002967	10.31106	.0274814	.0274009	.1738823	72.09268
#3	.0009594	.0002268	10.36762	.0266169	.0275423	.1746342	72.07817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.337402	9.604034	.0626374	.0001003	.9081958	.0392352	.2606679
Stddev	.002781	.051633	.0001489	.0001194	.0469100	.0008733	.0042889
%RSD	.2079300	.5376211	.2377949	119.0990	5.165188	2.225774	1.645365

#1	1.334203	9.562134	.0626302	-.000028	.8980927	.0383329	.2619956
#2	1.339239	9.661716	.0627898	.000209	.9593342	.0392966	.2641360
#3	1.338765	9.588251	.0624921	.000120	.8671606	.0400762	.2558721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.404635	.1631699	-.190059	.0000565	.9083109	3.729693	.0033380
Stddev	.027407	.0009236	.001544	.0001061	.0050639	.002507	.0009658
%RSD	1.139770	.5660215	.8124678	187.7976	.5575089	.0672255	28.93378

#1	2.402484	.1642355	-.191838	-.000048	.9100620	3.728695	.0043932
#2	2.433055	.1626745	-.189262	.000054	.9122669	3.732545	.0024979
#3	2.378367	.1625998	-.189076	.000164	.9026039	3.727838	.0031228

Sample Name: I4406-03LX5 Acquired: 8/4/2017 16:28:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2X2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3954279	.0011903	.0066787
Stddev	.0009822	.0000289	.0000271
%RSD	.2483879	2.425809	.4062670

#1	.3957993	.0012148	.0066501
#2	.3943142	.0011975	.0067041
#3	.3961703	.0011585	.0066819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.8432	1969.948	36757.95	10427.90	3033.076
Stddev	5.4848	13.058	67.25	17.46	15.240
%RSD	.5988839	.6628626	.1829419	.1674784	.5024458

#1	912.8599	1956.226	36727.85	10424.30	3016.162
#2	912.4967	1971.397	36711.01	10412.52	3037.330
#3	922.1731	1982.221	36834.99	10446.89	3045.737

Sample Name: PB101180BL Acquired: 8/4/2017 16:32:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008831	-.000034	-.000448	-.000175	.0006264	.0005805	.0006126
Stddev	.0017226	.002282	.001346	.001006	.0007331	.0025275	.0000591
%RSD	195.0480	6794.079	300.5319	574.1665	117.0361	435.4362	9.641625

#1	-.001027	-.000514	-.001973	-.000055	.0006096	.0032202	.0005459
#2	.002319	-.002038	.000054	-.001235	.0013678	.0003386	.0006337
#3	.001358	.002451	.000575	.000765	-.000098	-.001817	.0006582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	-.000083	.0035856	-.000990	-.000011	.0002961	-.001148
Stddev	.000031	.000012	.0057579	.000551	.000076	.0004346	.002321
%RSD	29.04604	14.70335	160.5842	55.67312	679.0561	146.7863	202.2241

#1	-.000119	-.000072	.0090503	-.001457	.000053	-.000134	-.000470
#2	-.000073	-.000080	-.002426	-.000382	-.000095	.000735	.000759
#3	-.000133	-.000096	.004133	-.001131	.000009	.000287	-.003733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000250	-.002374	.0001363	-.000091	-.030243	-.000497	-.000889
Stddev	.000238	.018569	.0001906	.000092	.028697	.001572	.001517
%RSD	95.15194	782.0978	139.8165	101.4855	94.88609	316.2007	170.6123

#1	-.000499	-.021518	.0003451	-.000016	-.059119	.000074	-.001908
#2	-.000226	.015562	-.000028	-.000194	-.029881	-.002275	.000854
#3	-.000025	-.001167	.000092	-.000062	-.001729	.000710	-.001614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212311	.0000150	-.007299	.0001781	.0014328	-.001433	.0001265
Stddev	.0296906	.0002502	.000195	.0001739	.0030725	.000622	.0005189
%RSD	139.8449	1671.411	2.669386	97.63446	214.4474	43.43261	410.3225

#1	-.010673	.0000777	-.007320	.0003656	.0045119	-.001883	.0005596
#2	.048052	.0002279	-.007094	.0000219	.0014195	-.001693	.0002685
#3	.026314	-.000261	-.007482	.0001470	-.001633	-.000723	-.000449

Sample Name: PB101180BL Acquired: 8/4/2017 16:32:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000158	-.000267	.0000691
Stddev	.0005804	.000028	.0000014
%RSD	3683.098	10.54976	1.981881

#1	-.000057	-.000261	.0000704
#2	.000629	-.000242	.0000677
#3	-.000525	-.000298	.0000692

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.6246	1982.154	37078.17	10205.98	3282.485
Stddev	8.1245	5.301	62.37	34.71	5.417
%RSD	.8720829	.2674128	.1682254	.3400561	.1650339

#1	926.8609	1976.095	37006.33	10218.74	3276.241
#2	941.0057	1985.937	37109.55	10166.70	3285.937
#3	927.0073	1984.429	37118.61	10232.50	3285.276

Sample Name: PB101180BS Acquired: 8/4/2017 16:36:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167948	.0529422	.0176566	.0684785	.1223877	.4065627
Stddev	.0022109	.0015725	.0006480	.0011191	.0006175	.0031975
%RSD	13.16423	2.970296	3.669911	1.634204	.5045409	.7864718

#1	.0157080	.0538627	.0169084	.0672214	.1216749	.4032965
#2	.0153376	.0511264	.0180293	.0693662	.1227264	.4067048
#3	.0193388	.0538374	.0180321	.0688480	.1227617	.4096868

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4399124	.0100517	.0096734	10.73694	.0245895	.0978452
Stddev	.0021981	.0000640	.0000905	.09584	.0007635	.0009916
%RSD	.4996574	.6364612	.9356373	.8926390	3.104943	1.013446

#1	.4394734	.0100948	.0097213	10.67336	.0254551	.0968405
#2	.4422968	.0099782	.0097299	10.69029	.0240117	.0978721
#3	.4379669	.0100821	.0095690	10.84718	.0243018	.0988231

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541948	.2383978	.0344259	10.44464	.0805934	.0183864
Stddev	.0003855	.0060615	.0011482	.05412	.0003090	.0001756
%RSD	.7113499	2.542612	3.335247	.5181773	.3833380	.9550234

#1	.0546221	.2447981	.0336648	10.41854	.0803904	.0185792
#2	.0540892	.2376512	.0338664	10.40851	.0809490	.0183442
#3	.0538731	.2327442	.0357466	10.50686	.0804409	.0182358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36211	.1149610	.1201899	9.977320	F .0029693	F .0160155
Stddev	.03631	.0025246	.0018618	.011364	.0001866	.0007958
%RSD	.3503672	2.196003	1.549051	.1138983	6.285249	4.968816

#1	10.36982	.1156863	.1184174	9.986728	.0028861	.0166902
#2	10.39395	.1121531	.1200225	9.964694	.0031830	.0162184
#3	10.32257	.1170434	.1221297	9.980539	.0028387	.0151379

Sample Name: PB101180BS Acquired: 8/4/2017 16:36:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241031	.1673055	.2191055	F .0151861	.2178067	.0109002
Stddev	.0001453	.0026220	.0015089	.0008760	.0003471	.0000871
%RSD	.6029677	1.567186	.6886660	5.768130	.1593706	.7993563

#1	.0241120	.1644279	.2193150	.0142409	.2174442	.0109465
#2	.0242437	.1679291	.2175027	.0159706	.2178398	.0109544
#3	.0239534	.1695594	.2204986	.0153469	.2181361	.0107997

Elem	Sr4077
Units	ppm
Avg	.0253086
Stddev	.0000271
%RSD	.1072537

#1	.0253308
#2	.0253167
#3	.0252784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	873.7704	1880.504	35577.33	10088.28	3041.547
Stddev	5.8862	4.123	69.86	41.93	5.160
%RSD	.6736559	.2192675	.1963510	.4156532	.1696613

#1	866.9765	1884.129	35509.82	10087.73	3045.363
#2	876.9924	1876.018	35572.86	10130.48	3035.675
#3	877.3421	1881.364	35649.32	10046.63	3043.602

Sample Name: I4404-01 Acquired: 8/4/2017 16:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046151	-.001267	.0069601	.0017140	.0003327	.2056433	.1631174
Stddev	.0023729	.002539	.0008112	.0021659	.0004188	.0068527	.0007954
%RSD	51.41714	200.3413	11.65538	126.3649	125.8715	3.332335	.4876145

#1	.0061188	-.002064	.0074477	.0041389	.0008107	.2038610	.1626499
#2	.0018795	.001574	.0060236	.0010314	.0001576	.2132110	.1640357
#3	.0058468	-.003313	.0074089	-.000028	.0000299	.1998577	.1626664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000166	-.000116	98.94351	-.000028	-.001186	.0069602	.0190803
Stddev	.0001539	.000090	.01632	.000179	.000308	.0005365	.0050192
%RSD	925.2870	77.95861	.0164991	648.0555	25.93071	7.707601	26.30577

#1	.0000921	-.000148	98.95170	-.000149	-.001345	.0074869	.0146168
#2	-.000160	-.000186	98.95412	-.000113	-.000832	.0064145	.0181105
#3	.000118	-.000014	98.92471	.000178	-.001381	.0069792	.0245137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004590	35.83013	.0000755	-.000070	24.02772	.0014776	.0163914
Stddev	.0001495	.10591	.0002386	.000184	.09892	.0003554	.0014716
%RSD	32.58047	.2955997	316.0466	264.0868	.4117032	24.05574	8.978193

#1	.0004168	35.71509	-.000184	.000106	24.14142	.0010702	.0178161
#2	.0003351	35.85169	.000125	-.000054	23.96139	.0016381	.0148769
#3	.0006251	35.92360	.000285	-.000261	23.98034	.0017245	.0164813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3924169	.0036388	.0399035	.0017382	11.88695	10.12161	-.001830
Stddev	.0273540	.0001498	.0005032	.0002215	.06713	.05952	.000942
%RSD	6.970645	4.116314	1.261032	12.74103	.5647477	.5880107	51.47971

#1	.3628513	.0038095	.0402744	.0018772	11.94097	10.17580	-.002246
#2	.3975744	.0035778	.0401053	.0014828	11.81179	10.05791	-.002492
#3	.4168250	.0035292	.0393307	.0018546	11.90809	10.13111	-.000751

Sample Name: I4404-01 Acquired: 8/4/2017 16:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000437	.0031081	.0720552
Stddev	.000096	.0000229	.0001499
%RSD	22.03321	.7367906	.2080336

#1	-.000443	.0030847	.0719029
#2	-.000338	.0031304	.0722026
#3	-.000531	.0031093	.0720602

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.0619	1865.981	35321.85	10390.87	2897.230
Stddev	3.9888	11.297	133.02	18.58	18.451
%RSD	.4486551	.6054278	.3766074	.1787679	.6368409

#1	887.0633	1865.995	35404.63	10408.72	2889.563
#2	893.6549	1877.271	35168.41	10392.26	2918.278
#3	886.4675	1854.677	35392.52	10371.64	2883.848

Sample Name: I4404-02 Acquired: 8/4/2017 16:44:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026927	.0005379	.0072674	-.000390	-.000527	.2031011	.1650906
Stddev	.0047909	.0011451	.0013835	.002208	.001017	.0026570	.0002258
%RSD	177.9212	212.8650	19.03707	565.5455	192.9369	1.308226	.1367464

#1	-.002588	.0018194	.0087970	.002157	-.001516	.2053781	.1649193
#2	.006761	-.000385	.0061033	-.001761	.000517	.2001818	.1653464
#3	.003905	.000179	.0069020	-.001567	-.000583	.2037435	.1650060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000441	-.000158	97.36699	-.000169	-.001057	.0070581	.0208749
Stddev	.0000391	.000100	.15221	.000508	.000241	.0005309	.0074137
%RSD	88.63396	63.47491	.1563308	300.2464	22.76686	7.521815	35.51500

#1	.0000891	-.000235	97.38298	.000042	-.000987	.0071207	.0126893
#2	.0000247	-.000194	97.20741	.000199	-.000859	.0064987	.0227973
#3	.0000185	-.000045	97.51057	-.000748	-.001325	.0075550	.0271380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004004	35.81239	.0002546	-.000071	24.35029	.0016229	.0155603
Stddev	.0000638	.14357	.0005224	.000320	.09101	.0011611	.0022422
%RSD	15.92292	.4008914	205.1804	450.3461	.3737392	71.54147	14.40996

#1	.0003470	35.94254	.0008573	-.000434	24.25168	.0023063	.0148356
#2	.0003833	35.65839	-.000027	.000167	24.36814	.0002823	.0180753
#3	.0004710	35.83624	-.000067	.000054	24.43105	.0022801	.0137701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4123068	.0035012	.0390631	.0014462	11.90767	10.09745	-.000423
Stddev	.0312628	.0001487	.0006481	.0002504	.02487	.04247	.002142
%RSD	7.582403	4.246881	1.659111	17.31428	.2088743	.4206016	506.4744

#1	.3902620	.0035981	.0393552	.0017108	11.93632	10.05145	.001531
#2	.3985728	.0033300	.0395136	.0014149	11.89157	10.10573	-.000087
#3	.4480856	.0035755	.0383203	.0012129	11.89513	10.13517	-.002713

Sample Name: I4404-02 Acquired: 8/4/2017 16:44:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0HS4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000916	.0032509	.0728304
Stddev	.000287	.0000403	.0001968
%RSD	31.36561	1.238170	.2702584

#1	-.000925	.0032475	.0726179
#2	-.000625	.0032927	.0730065
#3	-.001199	.0032124	.0728668

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	863.5876	1832.425	34589.37	10273.77	2854.806
Stddev	8.2662	8.070	154.84	23.38	13.439
%RSD	.9571898	.4403925	.4476483	.2276157	.4707430

#1	858.8818	1825.426	34412.63	10295.66	2846.399
#2	873.1322	1830.596	34701.12	10276.52	2847.714
#3	858.7487	1841.252	34654.36	10249.14	2870.305

Sample Name: I4404-03 Acquired: 8/4/2017 16:48:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456602	.0708012	.0270247	.0499144	.1043574	2.139498	2.355712
Stddev	.0029321	.0023496	.0015017	.0035858	.0006110	.010707	.005761
%RSD	6.421541	3.318535	5.556732	7.183839	.5855175	.5004527	.2445404

#1	.0467767	.0700753	.0254766	.0460587	.1037958	2.128057	2.362359
#2	.0478701	.0689002	.0271221	.0505354	.1042683	2.149277	2.352622
#3	.0423339	.0734280	.0284753	.0531491	.1050081	2.141159	2.352155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528655	.0475400	98.56225	.2169517	.4923393	.2708467	1.125822
Stddev	.0002933	.0001189	.32491	.0010387	.0003526	.0009779	.009020
%RSD	.5547708	.2500153	.3296515	.4787526	.0716118	.3610648	.8011853

#1	.0526608	.0476649	98.30494	.2161019	.4925598	.2718434	1.115927
#2	.0532015	.0475267	98.45445	.2181095	.4925254	.2708080	1.133585
#3	.0527343	.0474283	98.92736	.2166437	.4919327	.2698887	1.127954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5450376	36.32577	.5087316	.0222526	24.62166	.5521637	.5225693
Stddev	.0016887	.07070	.0003141	.0001724	.01287	.0064223	.0032010
%RSD	.3098262	.1946331	.0617316	.7748293	.0522604	1.163113	.6125561

#1	.5437223	36.30029	.5088789	.0224510	24.62777	.5461803	.5257687
#2	.5444486	36.27133	.5089449	.0221682	24.63033	.5513615	.5193667
#3	.5469419	36.40568	.5083710	.0221387	24.60687	.5589495	.5225726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4578474	.0019567	.0363547	.0012334	12.07118	10.18537	-.001315
Stddev	.0335716	.0001361	.0004706	.0004216	.05010	.02956	.001464
%RSD	7.332480	6.953611	1.294344	34.17968	.4150294	.2902480	111.3203

#1	.4919843	.0018727	.0368980	.0013869	12.10574	10.15609	-.002780
#2	.4248713	.0018837	.0360886	.0007566	12.01372	10.21520	-.001313
#3	.4566867	.0021137	.0360775	.0015568	12.09407	10.18481	.000148

Sample Name: I4404-03 Acquired: 8/4/2017 16:48:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0HS4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001630	.0032831	.0738950
Stddev	.000473	.0000228	.0002039
%RSD	29.03028	.6956634	.2758973

#1	-.001468	.0033074	.0736806
#2	-.001259	.0032621	.0740865
#3	-.002163	.0032797	.0739178

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	861.9171	1818.849	34599.30	10236.18	2834.808
Stddev	3.4138	7.057	104.88	37.55	9.074
%RSD	.3960673	.3879987	.3031154	.3668061	.3200898

#1	858.1937	1813.670	34492.19	10279.08	2826.292
#2	864.8996	1826.887	34701.79	10209.32	2844.352
#3	862.6579	1815.990	34603.91	10220.13	2833.781

Sample Name: I4404-01LX5 Acquired: 8/4/2017 16:52:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015414	-.000283	.0002137	-.001025	.0012017	.0432467	.0335471
Stddev	.0024270	.002751	.0006333	.002216	.0008138	.0036776	.0002207
%RSD	157.4494	972.7252	296.3781	216.2234	67.72162	8.503743	.6577460

#1	-.000159	.002879	-.000023	.000047	.0010568	.0434917	.0337776
#2	.000462	-.001601	-.000267	.000451	.0004701	.0467957	.0333378
#3	.004321	-.002127	.000931	-.003572	.0020783	.0394527	.0335257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	-.000001	19.56262	-.000650	-.000525	.0022734	.0079400
Stddev	.000102	.000037	.06127	.000721	.000038	.0005274	.0014056
%RSD	181.3955	2894.829	.3131946	110.9777	7.290225	23.19853	17.70229

#1	-.000128	.000027	19.60528	-.000603	-.000482	.0028707	.0074379
#2	-.000102	-.000042	19.59017	.000047	-.000555	.0018717	.0095276
#3	.000061	.000012	19.49242	-.001394	-.000540	.0020779	.0068544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000291	7.142895	.0000145	-.000190	4.914283	-.000276	.0039651
Stddev	.000182	.016248	.0004717	.000116	.032185	.000962	.0003523
%RSD	62.56167	.2274664	3258.600	61.04615	.6549196	348.1243	8.884521

#1	-.000351	7.138895	.0003487	-.000069	4.888852	.000235	.0035728
#2	-.000435	7.129021	.0002197	-.000202	4.903530	.000322	.0042543
#3	-.000086	7.160769	-.000525	-.000300	4.950468	-.001386	.0040684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569085	.0007519	.0022662	.0003814	2.216535	2.087504	-.000264
Stddev	.0190565	.0001328	.0004282	.0001561	.022760	.012311	.000407
%RSD	33.48620	17.66560	18.89430	40.93211	1.026807	.5897525	154.3849

#1	.0713401	.0008992	.0027545	.0002061	2.194073	2.100642	-.000086
#2	.0640784	.0007152	.0019549	.0005055	2.239581	2.085636	.000024
#3	.0353071	.0006413	.0020891	.0004324	2.215952	2.076233	-.000730

Sample Name: I4404-01LX5 Acquired: 8/4/2017 16:52:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000371	.0004324	.0148040
Stddev	.000474	.0000394	.0000188
%RSD	127.6425	9.115326	.1272933

#1	-.000010	.0004647	.0148257
#2	-.000908	.0003885	.0147949
#3	-.000196	.0004440	.0147915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.8869	1916.038	35976.94	10130.48	3088.729
Stddev	3.6595	22.985	73.31	64.50	31.290
%RSD	.4062103	1.199607	.2037821	.6367088	1.013049

#1	905.0331	1932.142	36044.62	10062.19	3109.702
#2	898.1075	1889.716	35987.15	10138.89	3052.763
#3	899.5202	1926.257	35899.06	10190.37	3103.722

Sample Name: PB101181BL Acquired: 8/4/2017 16:57:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0003710	-.000910	-.001064	-.001427	.0009052	-.003978	.0003671
Stddev	.0018169	.000531	.001204	.001267	.0007829	.003265	.0001073
%RSD	489.7708	58.39425	113.1736	88.81310	86.49801	82.08102	29.23456

#1	-.001031	-.001507	-.002454	-.002158	.0016770	-.003722	.0003878
#2	-.000280	-.000730	-.000336	.000036	.0001115	-.000848	.0004626
#3	.002424	-.000491	-.000402	-.002158	.0009270	-.007363	.0002510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000009	.0016901	-.000123	.0000414	.0003045	-.001664
Stddev	.000019	.000084	.0014528	.000444	.0001651	.0003726	.004528
%RSD	1015.445	975.1552	85.95844	360.5669	398.3201	122.3912	272.1823

#1	.000020	-.000019	.0019695	-.000555	-.000054	.0005933	.003487
#2	-.000014	-.000086	.0001179	-.000146	.000232	.0004363	-.005016
#3	-.000011	.000080	.0029829	.000332	-.000054	-.000116	-.003462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000286	.0001136	.0000735	.0000026	.0962581	-.000959	-.000411
Stddev	.000017	.0073615	.0003510	.0002018	.0688332	.000805	.000921
%RSD	6.098177	6479.323	477.3152	7775.635	71.50903	83.97219	223.7830

#1	-.000287	.0083017	.0001324	-.000192	.1756396	-.000407	-.001210
#2	-.000302	-.005957	-.000303	-.000011	.0600248	-.001882	-.000619
#3	-.000268	-.002003	.000391	.000211	.0531100	-.000587	.000595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013132	.0000891	-.006808	-.000010	.0048210	-.002625	.0002514
Stddev	.022789	.0001355	.000569	.000007	.0016744	.001327	.0008212
%RSD	173.5409	152.0748	8.361444	74.59223	34.73193	50.55768	326.7115

#1	-.032665	.0000208	-.006457	-.000004	.0030018	-.003871	-.000462
#2	-.018637	.0000013	-.006501	-.000018	.0051636	-.002774	.001149
#3	.011906	.0002452	-.007464	-.000008	.0062977	-.001229	.000068

Sample Name: PB101181BL Acquired: 8/4/2017 16:57:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000203	-.000296	.0000721
Stddev	.000230	.000020	.0000028
%RSD	113.1531	6.728771	3.953260

#1	.000012	-.000288	.0000745
#2	-.000446	-.000319	.0000728
#3	-.000176	-.000281	.0000689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.0401	1940.828	36759.28	10160.33	3217.064
Stddev	3.5885	13.367	100.52	27.79	28.285
%RSD	.3883500	.6887388	.2734437	.2735378	.8792265

#1	925.5553	1941.278	36875.35	10128.49	3213.123
#2	926.6225	1927.242	36701.28	10179.72	3190.956
#3	919.9426	1953.965	36701.22	10172.78	3247.113

Sample Name: PB101181BS Acquired: 8/4/2017 17:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0196572	.0562259	.0192316	.0668210	.1165236	.3769039
Stddev	.0013550	.0008238	.0006785	.0021854	.0042937	.0046928
%RSD	6.893254	1.465072	3.527818	3.270574	3.684806	1.245091

#1	.0195244	.0566463	.0187769	.0652424	.1119937	.3818580
#2	.0183734	.0567547	.0200114	.0659051	.1170434	.3763283
#3	.0210737	.0552768	.0189063	.0693153	.1205337	.3725255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3673261	.0115272	.0097409	9.765598	.0214407	.0891880
Stddev	.0025765	.0000807	.0002619	.126975	.0005748	.0018949
%RSD	.7014154	.7001570	2.688442	1.300233	2.680753	2.124631

#1	.3696810	.0115814	.0094495	9.909781	.0219178	.0870367
#2	.3677232	.0114344	.0098165	9.670458	.0216017	.0899178
#3	.3645742	.0115657	.0099566	9.716556	.0208026	.0906095

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506437	.2203158	.0324463	9.745091	.0751741	.0190605
Stddev	.0008347	.0104941	.0003709	.090328	.0014766	.0002411
%RSD	1.648223	4.763203	1.143218	.9269124	1.964220	1.265152

#1	.0505979	.2323210	.0328479	9.848346	.0734692	.0191386
#2	.0515004	.2128878	.0323745	9.706235	.0760111	.0187900
#3	.0498328	.2157385	.0321166	9.680693	.0760421	.0192529

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.607815	.1032699	.1151741	8.374471	F .0024314	F .0161180
Stddev	.145719	.0010850	.0027512	.050221	.0000961	.0011040
%RSD	1.516670	1.050691	2.388756	.5996966	3.951864	6.849631

#1	9.774076	.1042126	.1125242	8.383135	.0023306	.0150520
#2	9.547090	.1020839	.1149815	8.419796	.0024415	.0172565
#3	9.502279	.1035134	.1180165	8.320481	.0025220	.0160456

Sample Name: PB101181BS Acquired: 8/4/2017 17:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0221613	.1596811	.2108768	F .0134596	.1983428	.0096718
Stddev	.0010049	.0026038	.0013240	.0003493	.0008407	.0000717
%RSD	4.534549	1.630629	.6278566	2.595448	.4238504	.7409757

#1	.0210073	.1566745	.2117682	.0137208	.1993101	.0097184
#2	.0226327	.1611996	.2115067	.0135951	.1977888	.0097077
#3	.0228438	.1611692	.2093554	.0130628	.1979296	.0095893

Elem	Sr4077
Units	ppm
Avg	.0242174
Stddev	.0001295
%RSD	.5347792

#1	.0243199
#2	.0242604
#3	.0240719

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.4677	1939.040	36555.04	10436.58	3145.756
Stddev	6.0767	49.283	110.07	30.64	66.840
%RSD	.6637766	2.541606	.3011058	.2935533	2.124757

#1	918.4751	1995.335	36537.49	10401.63	3221.543
#2	919.4541	1918.099	36672.83	10458.76	3120.507
#3	908.4738	1903.686	36454.80	10449.36	3095.220

Sample Name: I4409-03 Acquired: 8/4/2017 17:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2717199	-.036688	.7453867	-.019994	.0127160	93.59599	1.407448
Stddev	.0065023	.002730	.0040213	.005503	.0010472	4.13333	.062806
%RSD	2.393022	7.442384	.5394947	27.52381	8.235412	4.416138	4.462395

#1	.2693907	-.034044	.7423880	-.024090	.0125229	88.82985	1.334974
#2	.2667030	-.036523	.7438158	-.013739	.0117788	96.19658	1.445971
#3	.2790660	-.039498	.7499564	-.022153	.0138464	95.76155	1.441399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043524	.0021723	82.25321	.1805772	.1293912	.4863108	285.5508
Stddev	.0001707	.0005022	4.45600	.0022830	.0006995	.0232971	14.7458
%RSD	3.921691	23.11715	5.417423	1.264269	.5405956	4.790588	5.163985

#1	.0042467	.0027424	77.11014	.1781232	.1301033	.4595174	268.5497
#2	.0045493	.0019786	84.95733	.1826381	.1287050	.5017916	294.8644
#3	.0042612	.0017958	84.69217	.1809703	.1293654	.4976234	293.2382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.399566	59.51765	.3267472	.0008450	5.021490	.2812690	.8286564
Stddev	.278274	2.88723	.0007391	.0010017	.198852	.0138752	.0094493
%RSD	5.153636	4.851052	.2262061	118.5416	3.960021	4.933061	1.140316

#1	5.078553	56.18773	.3259353	-.000284	4.791923	.2653507	.8183992
#2	5.572284	61.32350	.3269253	.001193	5.132247	.2908019	.8305632
#3	5.547862	61.04172	.3273809	.001626	5.140301	.2876544	.8370070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.02459	1.002075	-.741279	.0050562	4.253668	9.176604	.0031986
Stddev	.55681	.001932	.027599	.0007824	.019878	.374462	.0018469
%RSD	4.275091	.1928005	3.723164	15.47419	.4673179	4.080616	57.74077

#1	12.38355	1.004240	-.709560	.0059556	4.252389	8.744970	.0011283
#2	13.38805	1.000526	-.759814	.0045330	4.274155	9.414577	.0037903
#3	13.30218	1.001459	-.754461	.0046799	4.234461	9.370266	.0046770

Sample Name: I4409-03 Acquired: 8/4/2017 17:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.770155	.0103688	.0493856
Stddev	.175055	.0004825	.0022075
%RSD	4.643186	4.653748	4.469830

#1	3.568359	.0098149	.0468411
#2	3.881205	.0106978	.0507880
#3	3.860902	.0105938	.0505277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	863.9734	1872.280	36046.22	10800.80	2582.226
Stddev	10.7172	9.127	254.34	376.23	9.061
%RSD	1.240451	.4874955	.7055852	3.483334	.3509014

#1	852.0052	1873.443	35844.11	11231.71	2579.106
#2	867.2319	1880.769	35962.73	10537.55	2592.434
#3	872.6831	1862.626	36331.80	10633.15	2575.137

Sample Name: I4409-04 Acquired: 8/4/2017 17:09:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2686364	-.036713	.7414803	-.021175	.0128910	94.22121	1.423346
Stddev	.0072324	.001037	.0052330	.001737	.0008613	.21964	.003114
%RSD	2.692274	2.823965	.7057446	8.200961	6.681303	.2331092	.2187501

#1	.2697142	-.037776	.7452236	-.022332	.0127196	94.45340	1.426932
#2	.2609256	-.035705	.7355008	-.022014	.0121283	94.19348	1.421337
#3	.2752695	-.036657	.7437165	-.019178	.0138250	94.01675	1.421769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043379	.0017326	84.17106	.1805474	.1287594	.4902595	290.8174
Stddev	.0001953	.0002412	.35118	.0004473	.0012066	.0024038	1.0410
%RSD	4.502065	13.92125	.4172274	.2477235	.9370936	.4903090	.3579631

#1	.0044787	.0020105	83.93763	.1809150	.1300553	.4926534	290.0458
#2	.0041150	.0015767	84.00061	.1806776	.1276683	.4878459	290.4050
#3	.0044201	.0016108	84.57494	.1800494	.1285545	.4902792	292.0015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.490518	60.56231	.3247149	.0009198	5.068192	.2871722	.8153272
Stddev	.022288	.01047	.0017143	.0003859	.039429	.0021045	.0004783
%RSD	.4059306	.0172950	.5279370	41.95289	.7779673	.7328272	.0586670

#1	5.469611	60.57417	.3258924	.0008156	5.075553	.2883734	.8158652
#2	5.487974	60.55434	.3227481	.0005967	5.025601	.2884009	.8149499
#3	5.513968	60.55841	.3255042	.0013471	5.103421	.2847422	.8151666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.11884	1.000263	-.753360	.0050442	4.223730	9.304788	.0043615
Stddev	.04550	.001330	.003370	.0003860	.020715	.021665	.0026413
%RSD	.3468561	.1329604	.4472929	7.651927	.4904423	.2328320	60.55818

#1	13.17042	.999322	-.754203	.0050290	4.219286	9.313674	.0013338
#2	13.08438	.999683	-.749650	.0046660	4.205598	9.280093	.0061931
#3	13.10170	1.001785	-.756229	.0054375	4.246307	9.320596	.0055577

Sample Name: I4409-04 Acquired: 8/4/2017 17:09:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.806737	.0104123	.0496842
Stddev	.005262	.0000499	.0000678
%RSD	.1382209	.4789011	.1364198

#1	3.812784	.0104173	.0497624
#2	3.804221	.0104595	.0496472
#3	3.803205	.0103601	.0496429

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	879.5542	1884.622	36421.21	10754.16	2590.160
Stddev	6.1868	4.656	221.59	13.08	8.896
%RSD	.7034001	.2470379	.6084122	.1216417	.3434362

#1	877.5513	1879.663	36326.46	10769.11	2581.108
#2	874.6171	1888.899	36262.74	10748.53	2598.891
#3	886.4943	1885.305	36674.42	10744.82	2590.481

Sample Name: I4409-05 Acquired: 8/4/2017 17:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3308710	.0856452	.7648041	.0693738	.1913427	97.05615	5.418462
Stddev	.0018302	.0017309	.0168125	.0010754	.0038387	.06565	.018112
%RSD	.5531499	2.021042	2.198282	1.550099	2.006204	.0676404	.3342614

#1	.3325632	.0865317	.7655836	.0694206	.1912153	97.12367	5.433081
#2	.3289285	.0836506	.7476153	.0704251	.1875692	97.05224	5.424105
#3	.3311210	.0867533	.7812133	.0682758	.1952435	96.99255	5.398201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0912781	.0904336	82.97348	.5410250	1.073167	.9577737	288.9453
Stddev	.0002255	.0021161	.28047	.0007968	.019210	.0043287	.5429
%RSD	.2470366	2.339978	.3380274	.1472696	1.790035	.4519503	.1878974

#1	.0914830	.0910766	82.64995	.5405150	1.077211	.9593730	288.4464
#2	.0910365	.0880705	83.14793	.5406168	1.052257	.9610751	289.5235
#3	.0913149	.0921536	83.12257	.5419431	1.090034	.9528729	288.8660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.374368	59.76457	1.270576	.0407313	5.010998	1.253463	1.689824
Stddev	.016552	.09351	.022111	.0003797	.110143	.003988	.007650
%RSD	.2596627	.1564606	1.740265	.9322528	2.198017	.3181975	.4526806

#1	6.355762	59.68138	1.273659	.0407271	4.885975	1.257447	1.692668
#2	6.387455	59.86578	1.247086	.0411131	5.053303	1.249470	1.681160
#3	6.379888	59.74655	1.290985	.0403537	5.093717	1.253472	1.695644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.04137	.9773923	-.749732	.0042725	4.140250	10.15768	.0036054
Stddev	.08286	.0196077	.003130	.0002596	.089900	.01192	.0019200
%RSD	.6353658	2.006122	.4175449	6.075517	2.171370	.1173352	53.25272

#1	13.13196	.9808846	-.752259	.0045710	4.165564	10.14476	.0056522
#2	13.02273	.9562732	-.750706	.0041466	4.040407	10.16002	.0033200
#3	12.96942	.9950192	-.746230	.0040999	4.214780	10.16825	.0018442

Sample Name: I4409-05 Acquired: 8/4/2017 17:13:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.779785	.0103342	.0491802
Stddev	.004999	.0000112	.0000884
%RSD	.1322555	.1084017	.1798102

#1	3.777104	.0103331	.0492597
#2	3.785553	.0103236	.0491961
#3	3.776699	.0103459	.0490849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	874.5041	1888.933	36343.88	10721.02	2602.824
Stddev	6.6472	33.524	63.26	31.59	48.904
%RSD	.7601056	1.774756	.1740491	.2946434	1.878886

#1	866.8507	1877.688	36270.84	10692.03	2585.666
#2	878.8345	1926.634	36379.85	10716.35	2657.995
#3	877.8272	1862.477	36380.95	10754.69	2564.811

Sample Name: I4409-03LX5 Acquired: 8/4/2017 17:17:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0367572	-.005623	.0925999	-.002739	.0027542	10.92251	.1706633
Stddev	.0030654	.001109	.0063053	.000430	.0009550	.00822	.0013310
%RSD	8.339536	19.72327	6.809197	15.71470	34.67465	.0752126	.7798958

#1	.0360990	-.006903	.0978078	-.002635	.0020915	10.92153	.1695260
#2	.0400983	-.004931	.0855897	-.003213	.0038489	10.93117	.1721272
#3	.0340744	-.005037	.0944023	-.002371	.0023223	10.91482	.1703366

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005586	-.000003	9.972768	.0216688	.0143903	.0588174	36.90742
Stddev	.0000714	.000103	.034070	.0003107	.0004278	.0007645	.12352
%RSD	12.78238	3252.267	.3416272	1.433816	2.973017	1.299785	.3346663

#1	.0005872	.000115	9.941038	.0215423	.0148397	.0582328	36.76602
#2	.0006112	-.000069	9.968492	.0214414	.0139880	.0585369	36.99430
#3	.0004773	-.000056	10.00877	.0220228	.0143432	.0596826	36.96192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6996423	7.276850	.0378118	-.000066	.6536407	.0330524	.0990233
Stddev	.0031925	.008670	.0016819	.000157	.0658590	.0026263	.0017880
%RSD	.4562983	.1191391	4.448001	237.7958	10.07572	7.945976	1.805598

#1	.6970290	7.278334	.0397497	.000103	.5939659	.0360195	.0984648
#2	.6986974	7.284682	.0367325	-.000094	.7243021	.0310259	.0975813
#3	.7032006	7.267534	.0369533	-.000207	.6426540	.0321119	.1010239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.544691	.1098945	-.102956	.0004464	.4728657	1.608742	.0017053
Stddev	.024381	.0050610	.000490	.0002663	.0243074	.010389	.0019139
%RSD	1.578364	4.605366	.4757076	59.64108	5.140445	.6457794	112.2314

#1	1.547452	.1152688	-.103459	.0007501	.4971503	1.619546	.0038635
#2	1.519048	.1052194	-.102928	.0002528	.4485355	1.607857	.0010381
#3	1.567574	.1091953	-.102480	.0003364	.4729114	1.598825	.0002143

Sample Name: I4409-03LX5 Acquired: 8/4/2017 17:17:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4606266	.0009173	.0059294
Stddev	.0006503	.0000457	.0000065
%RSD	.1411681	4.984230	.1092797

#1	.4600360	.0008766	.0059300
#2	.4605204	.0009668	.0059226
#3	.4613235	.0009086	.0059355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.8651	1945.155	36622.56	10304.89	3055.334
Stddev	3.9800	84.841	97.97	20.95	129.160
%RSD	.4336169	4.361652	.2675154	.2032916	4.227350

#1	917.2707	1852.961	36634.51	10282.13	2914.438
#2	922.1089	2019.943	36714.00	10309.19	3168.131
#3	914.2157	1962.562	36519.15	10323.36	3083.435

Sample Name: PB101088BL Acquired: 8/4/2017 17:21:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.002307	-.000147	-.000989	-.002576	.0007968	-.000527	.0003786
Stddev	.003562	.000393	.001108	.001470	.0013208	.002745	.0000321
%RSD	154.4004	266.9762	112.0703	57.05851	165.7588	520.4239	8.485901

#1	.001169	-.000045	-.001120	-.003102	.0023179	.002257	.0003430
#2	-.002142	-.000582	-.002026	-.003710	-.000061	-.000609	.0003873
#3	-.005948	.000185	.000179	-.000915	.000134	-.003230	.0004055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.000006	.0046998	-.000131	.0001201	.0000473	.0003559
Stddev	.000112	.000110	.0011558	.000458	.0001862	.0010821	.0027927
%RSD	161.4450	1865.325	24.59148	350.6762	155.0122	2288.745	784.6633

#1	.000059	-.000049	.0057753	.000267	.0000261	-.000138	.0030304
#2	-.000116	.000119	.0034778	-.000028	-.000000	.001210	-.002542
#3	-.000152	-.000087	.0048463	-.000632	.000335	-.000931	.000579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000109	-.000514	-.000066	-.000108	.0547132	.0000697	.0003425
Stddev	.000221	.009049	.000112	.000084	.0330498	.0010968	.0001623
%RSD	203.2134	1761.908	169.2199	77.34594	60.40548	1573.187	47.37184

#1	-.000337	.002685	-.000125	-.000037	.0312707	.0004394	.0002002
#2	-.000095	.006502	-.000136	-.000088	.0403552	-.001164	.0005193
#3	.000105	-.010728	.000063	-.000201	.0925136	.000934	.0003081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318753	.0001686	-.007598	-.000010	.0046501	-.001798	-.000355
Stddev	.0099898	.0000817	.000210	.000261	.0016164	.000045	.000549
%RSD	31.34034	48.44228	2.760871	2596.885	34.76182	2.484397	154.4546

#1	.0258678	.0001287	-.007412	-.000219	.0052224	-.001757	-.000701
#2	.0263509	.0002626	-.007558	.000283	.0028253	-.001845	.000278
#3	.0434072	.0001146	-.007826	-.000094	.0059024	-.001792	-.000643

Sample Name: PB101088BL Acquired: 8/4/2017 17:21:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000696	-.000375	.0000688
Stddev	.000684	.000011	.0000049
%RSD	98.23449	3.027329	7.095045

#1	.000070	-.000388	.0000729
#2	-.000915	-.000366	.0000701
#3	-.001243	-.000372	.0000634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	944.7654	1969.553	37776.64	10009.86	3262.705
Stddev	20.9781	6.301	744.93	69.17	6.001
%RSD	2.220457	.3199399	1.971926	.6910031	.1839230

#1	963.5113	1971.021	38467.84	10008.86	3265.969
#2	948.6788	1974.991	37874.43	9941.20	3266.365
#3	922.1062	1962.648	36987.65	10079.52	3255.779

Sample Name: PB101088BS Acquired: 8/4/2017 17:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0168182	.0491143	.0186764	.0623651	.1119029	.3686446
Stddev	.0010906	.0039283	.0012748	.0026605	.0006972	.0174780
%RSD	6.484496	7.998367	6.825621	4.265923	.6230701	4.741142

#1	.0157480	.0530469	.0196445	.0654244	.1126122	.3486533
#2	.0167785	.0491058	.0172321	.0605935	.1112184	.3762448
#3	.0179281	.0451902	.0191525	.0610773	.1118780	.3810358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3638111	.0100055	.0092978	9.531641	.0244650	.0881455
Stddev	.0161257	.0003113	.0001640	.481787	.0002499	.0015354
%RSD	4.432428	3.111047	1.763489	5.054603	1.021278	1.741848

#1	.3453631	.0096494	.0094464	8.976593	.0243792	.0892994
#2	.3708461	.0102254	.0093251	9.776615	.0247465	.0887343
#3	.3752240	.0101419	.0091219	9.841715	.0242694	.0864029

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492577	.2256974	.0314442	9.372693	.0735797	.0178015
Stddev	.0022884	.0039140	.0012684	.489670	.0009715	.0003240
%RSD	4.645695	1.734179	4.033741	5.224436	1.320385	1.820324

#1	.0466459	.2211897	.0299803	8.807670	.0743692	.0178961
#2	.0502161	.2282339	.0322171	9.636786	.0738750	.0180677
#3	.0509110	.2276687	.0321350	9.673621	.0724947	.0174406

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.172199	.0973711	.1181754	8.602660	F .0027887	F .0142604
Stddev	.369372	.0046751	.0025345	.493779	.0001235	.0015282
%RSD	4.027082	4.801278	2.144671	5.739838	4.429342	10.71601

#1	8.767076	.0920872	.1183266	8.035712	.0028981	.0125485
#2	9.490268	.1009702	.1206308	8.833747	.0028132	.0147457
#3	9.259255	.0990559	.1155686	8.938522	.0026547	.0154870

Sample Name: PB101088BS Acquired: 8/4/2017 17:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0233152	.1464938	.1957909	F .0134027	.1912249	.0096249
Stddev	.0002453	.0068515	.0090197	.0004498	.0108899	.0005014
%RSD	1.052235	4.676966	4.606794	3.355690	5.694814	5.209399

#1	.0235983	.1536166	.1855206	.0130697	.1786506	.0090613
#2	.0231837	.1459144	.1994275	.0139143	.1975924	.0097918
#3	.0231637	.1399505	.2024245	.0132240	.1974316	.0100215

Elem	Sr4077
Units	ppm
Avg	.0236304
Stddev	.0011116
%RSD	4.704063

#1	.0223483
#2	.0242181
#3	.0243247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	866.0490	1886.839	35365.93	10303.10	3058.934
Stddev	5.0484	32.349	141.02	420.98	52.634
%RSD	.5829229	1.714480	.3987557	4.085985	1.720679

#1	869.1964	1856.579	35352.18	10789.15	3015.046
#2	868.7246	1883.002	35513.32	10066.80	3044.468
#3	860.2260	1920.936	35232.28	10053.36	3117.289

Sample Name: PB101090BS Acquired: 8/4/2017 17:30:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0180947	.0541048	.0201398	.0677858	.1187002	.3867616
Stddev	.0016939	.0029091	.0008096	.0017632	.0004251	.0015179
%RSD	9.361221	5.376799	4.020149	2.601166	.3581648	.3924570

#1	.0197577	.0572973	.0197584	.0696927	.1187218	.3860400
#2	.0181550	.0534135	.0210697	.0674501	.1191141	.3857390
#3	.0163715	.0516036	.0195913	.0662145	.1182646	.3885056

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4042959	.0107096	.0095750	10.33063	.0228670	.0932641
Stddev	.0008228	.0000538	.0001810	.02449	.0003411	.0006290
%RSD	.2035105	.5025487	1.890778	.2370965	1.491859	.6744649

#1	.4036547	.0107379	.0095125	10.32640	.0232550	.0927732
#2	.4040093	.0107435	.0094335	10.35697	.0227323	.0930461
#3	.4052236	.0106476	.0097790	10.30854	.0226138	.0939732

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521730	.2345506	.0334210	10.08449	.0779288	.0187963
Stddev	.0004441	.0035824	.0004675	.02462	.0000222	.0002070
%RSD	.8512853	1.527332	1.398793	.2441414	.0285296	1.101218

#1	.0525610	.2385973	.0339553	10.07832	.0779539	.0188261
#2	.0522695	.2332697	.0332204	10.06354	.0779115	.0185760
#3	.0516886	.2317847	.0330872	10.11161	.0779211	.0189868

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.919812	.1090287	.1178013	9.126262	F .0028497	F .0158190
Stddev	.029889	.0016290	.0025740	.043189	.0000746	.0009737
%RSD	.3013096	1.494092	2.185033	.4732430	2.619308	6.155460

#1	9.886363	.1108959	.1191532	9.115869	.0027827	.0168476
#2	9.943901	.1082917	.1148330	9.089217	.0029302	.0149115
#3	9.929173	.1078985	.1194176	9.173700	.0028363	.0156979

Sample Name: PB101090BS Acquired: 8/4/2017 17:30:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0231984	.1620593	.2140416	F .0138213	.2063479	.0102299
Stddev	.0001149	.0020087	.0013838	.0011749	.0018937	.0000500
%RSD	.4951446	1.239489	.6465180	8.500539	.9177061	.4889629

#1	.0233310	.1599806	.2125138	.0151642	.2048499	.0102099
#2	.0231347	.1639898	.2144003	.0129832	.2057176	.0101930
#3	.0231294	.1622075	.2152108	.0133163	.2084764	.0102868

Elem	Sr4077
Units	ppm
Avg	.0246390
Stddev	.0000427
%RSD	.1732575

#1	.0246865
#2	.0246038
#3	.0246267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.2577	1905.957	36189.25	10261.09	3079.888
Stddev	3.3239	7.489	174.96	21.01	7.403
%RSD	.3692153	.3929178	.4834461	.2047062	.2403815

#1	896.5358	1897.731	36091.76	10283.92	3071.453
#2	902.9304	1907.759	36391.23	10242.58	3082.902
#3	901.3069	1912.380	36084.75	10256.78	3085.310

Sample Name: CCV083 Acquired: 8/4/2017 17:34:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021308	4.797581	24.03919	4.906376	5.110231	398.7274
Stddev	.005842	.008848	.04505	.014262	.015608	1.9368
%RSD	.1163496	.1844191	.1874106	.2906825	.3054255	.4857493

#1	5.024501	4.805585	24.06611	4.908912	5.119819	400.7609
#2	5.024858	4.788080	23.98718	4.919199	5.118653	396.9045
#3	5.014565	4.799078	24.06427	4.891016	5.092221	398.5168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36340	.5008385	2.424751	391.4606	14.68017	2.463199
Stddev	.12665	.0061756	.005338	4.3336	.43393	.005220
%RSD	1.222083	1.233042	.2201575	1.107040	2.955901	.2119270

#1	10.47128	.4955045	2.427750	387.6771	14.18119	2.465622
#2	10.22396	.4994068	2.418587	390.5162	14.89008	2.457207
#3	10.39497	.5076041	2.427915	396.1885	14.96923	2.466766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.54367	390.4461	14.69428	401.9512	2.456634	1.271535
Stddev	.09715	3.3354	.13836	3.0929	.006884	.036144
%RSD	.6250128	.8542420	.9415613	.7694750	.2802285	2.842528

#1	15.55217	387.8598	14.59115	399.6132	2.456614	1.229829
#2	15.44255	389.2678	14.64019	400.7823	2.449760	1.291046
#3	15.63629	394.2106	14.85152	405.4583	2.463528	1.293731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.6065	2.430474	14.42997	155.1474	5.337063	F 4.222276
Stddev	1.9897	.016239	.50523	.8172	.003167	.037932
%RSD	.5067802	.6681262	3.501277	.5267235	.0593404	.8983769

#1	391.9552	2.416929	13.86311	155.3592	5.340483	4.185197
#2	391.0242	2.426017	14.59397	154.2452	5.334231	4.220623
#3	394.8402	2.448475	14.83283	155.8379	5.336476	4.261007

Sample Name: CCV083 Acquired: 8/4/2017 17:34:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953040	4.924715	4.978571	4.898718	4.956040	5.260350
Stddev	.010433	.028875	.043572	.005500	.040560	.164200
%RSD	.2106371	.5863304	.8751975	.1122678	.8183998	3.121464

#1	4.956802	4.957576	4.934886	4.903109	4.930370	5.074457
#2	4.961069	4.903396	4.978796	4.892549	4.934949	5.385612
#3	4.941247	4.913174	5.022030	4.900495	5.002800	5.320982

Elem	Sr4077
Units	ppm
Avg	4.725016
Stddev	.077823
%RSD	1.647033

#1	4.640641
#2	4.740429
#3	4.793979

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	726.9842	1547.465	30423.85	9416.938	2036.937
Stddev	24.1432	4.911	834.60	55.266	1.298
%RSD	3.321009	.3173580	2.743256	.5868759	.0637190

#1	754.5596	1545.177	31387.47	9468.949	2035.463
#2	716.7448	1544.115	29930.80	9422.954	2037.436
#3	709.6481	1553.102	29953.26	9358.910	2037.911

Sample Name: CCB083 Acquired: 8/4/2017 17:38:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009048	.0000732	-.000196	-.001116	.0002087	-.000754	.0007502
Stddev	.0020620	.0004533	.001111	.002581	.0005424	.002529	.0004495
%RSD	227.9054	619.2193	565.9620	231.3073	259.8771	335.3292	59.92086

#1	.0017769	.0003957	.000635	.000351	-.000269	.001356	.0003024
#2	.0023874	.0002691	-.001458	.000397	.000799	-.000061	.0007468
#3	-.001450	-.000445	.000234	-.004095	.000096	-.003558	.0012014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000083	.0075899	-.000625	.0002108	.0001170	-.000971
Stddev	.000086	.000039	.0040890	.000499	.0000487	.0006721	.001027
%RSD	627.1637	46.19488	53.87392	79.75796	23.12760	574.2621	105.6982

#1	.000085	-.000128	.0053665	-.000082	.0002552	.0003508	.000178
#2	-.000072	-.000062	.0123088	-.000733	.0002186	.0006410	-.001797
#3	-.000054	-.000060	.0050943	-.001062	.0001586	-.000641	-.001295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0010004	-.000058	-.000316	.0796821	.0010506	-.000222
Stddev	.000222	.0097987	.000228	.000202	.0532152	.0007397	.000809
%RSD	521.6574	979.4740	393.7481	63.88550	66.78445	70.40460	363.9744

#1	-.000299	.0123144	-.000261	-.000313	.0412663	.0019045	.000285
#2	.000073	-.004554	-.000102	-.000520	.1404235	.0006074	.000203
#3	.000098	-.004759	.000189	-.000116	.0573565	.0006399	-.001155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011534	.0001115	.0005991	.0006617	.0021677	-.001460	-.000345
Stddev	.016902	.0001460	.0007609	.0001192	.0020570	.001049	.000681
%RSD	146.5482	130.9104	126.9963	18.01246	94.89006	71.87592	197.4259

#1	-.027504	.0001623	.0014736	.0007634	.0033114	-.001366	.000440
#2	-.013265	-.000053	.0002353	.0006912	.0033987	-.000461	-.000783
#3	.006168	.000225	.0000884	.0005305	-.000207	-.002553	-.000692

Sample Name: CCB083 Acquired: 8/4/2017 17:38:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000411	.0000960	.0000808
Stddev	.000650	.0000423	.0000022
%RSD	158.0894	44.05020	2.720949

#1	-.000878	.0001387	.0000799
#2	-.000688	.0000540	.0000834
#3	.000332	.0000954	.0000793

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.0671	1989.769	37048.16	10384.10	3293.594
Stddev	11.4512	19.226	273.43	172.20	38.348
%RSD	1.225954	.9662527	.7380367	1.658311	1.164320

#1	946.6323	1974.345	37348.08	10257.60	3272.152
#2	931.3510	2011.309	36983.65	10580.21	3337.867
#3	924.2182	1983.653	36812.76	10314.50	3270.763

Sample Name: I4389-19 Acquired: 8/4/2017 17:43:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825746	-.022835	.5545959	-.006261	.0048353	83.97238	2.029202
Stddev	.0026645	.001937	.0045205	.003613	.0007534	.07833	.004313
%RSD	3.226738	8.483097	.8151014	57.70277	15.58034	.0932815	.2125556

#1	.0853105	-.021163	.5594359	-.009858	.0045483	83.97256	2.033993
#2	.0799878	-.022383	.5504830	-.002633	.0056900	83.89396	2.027988
#3	.0824255	-.024958	.5538688	-.006292	.0042677	84.05062	2.025627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077898	.0740374	54.43031	.1198685	.1011987	.2767118	159.4113
Stddev	.0000852	.0004728	.18154	.0002997	.0009080	.0014458	.6147
%RSD	1.093794	.6385398	.3335184	.2500664	.8972232	.5224839	.3856154

#1	.0077289	.0745325	54.36924	.1195985	.1020924	.2765002	159.1082
#2	.0077533	.0735907	54.63451	.1201910	.1002771	.2782518	160.1187
#3	.0078872	.0739891	54.28718	.1198158	.1012265	.2753835	159.0070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.246625	29.82003	.1954829	.0012138	2.019387	.2372844	3.013898
Stddev	.024197	.13736	.0013309	.0002441	.083143	.0030593	.009839
%RSD	.3339059	.4606361	.6808232	20.10682	4.117227	1.289306	.3264459

#1	7.229631	29.76239	.1960438	.0011304	2.103283	.2386391	3.002583
#2	7.274329	29.97682	.1939634	.0010224	2.017857	.2394325	3.020438
#3	7.235916	29.72088	.1964415	.0014887	1.937019	.2337817	3.018674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.68680	.8973898	-.378658	.0047152	2.991852	24.02700	.0131839
Stddev	.02621	.0045502	.000352	.0005489	.023833	.07942	.0012632
%RSD	.1267217	.5070458	.0930669	11.64210	.7966012	.3305341	9.581423

#1	20.70399	.9010568	-.378253	.0049121	3.016390	23.93542	.0142401
#2	20.65663	.8922976	-.378825	.0040950	2.968792	24.06863	.0117846
#3	20.69978	.8988151	-.378895	.0051386	2.990374	24.07695	.0135268

Sample Name: I4389-19 Acquired: 8/4/2017 17:43:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9993751	.0084933	.0313869
Stddev	.0024985	.0000619	.0000234
%RSD	.2500091	.7288553	.0745096

#1	1.001004	.0085621	.0314106
#2	.996499	.0084420	.0313860
#3	1.000622	.0084758	.0313639

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	963.2062	2058.857	39292.50	11510.13	2692.021
Stddev	5.1614	11.248	127.35	23.66	12.660
%RSD	.5358519	.5463195	.3241128	.2055979	.4702655

#1	962.8224	2051.492	39190.22	11512.85	2681.886
#2	958.2475	2071.804	39252.15	11485.22	2706.212
#3	968.5488	2053.274	39435.14	11532.31	2687.965

Sample Name: I4389-20 Acquired: 8/4/2017 17:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834860	-.021758	.5542739	-.005210	.0052377	84.22865	2.029881
Stddev	.0043614	.000519	.0008566	.001559	.0013709	.13879	.003663
%RSD	5.224108	2.383920	.1545452	29.92102	26.17346	.1647808	.1804737

#1	.0836133	-.021192	.5543626	-.005794	.0049739	84.21516	2.028499
#2	.0790623	-.022211	.5533763	-.006391	.0067213	84.09709	2.027110
#3	.0877823	-.021870	.5550826	-.003443	.0040179	84.37369	2.034035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076109	.0744586	54.81011	.1206030	.1008045	.2776192	159.5001
Stddev	.0000701	.0003864	.17234	.0004909	.0001137	.0009344	.2728
%RSD	.9212793	.5189338	.3144302	.4070616	.1128083	.3365658	.1710308

#1	.0076413	.0740141	54.81891	.1202469	.1006734	.2771294	159.5783
#2	.0076606	.0746472	54.63354	.1203991	.1008759	.2770315	159.1968
#3	.0075307	.0747144	54.97789	.1211631	.1008643	.2786966	159.7252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.252427	29.76599	.1954123	.0015594	2.068707	.2377252	2.993674
Stddev	.017650	.03912	.0002949	.0001516	.115685	.0011984	.014979
%RSD	.2433708	.1314355	.1509152	9.724595	5.592127	.5041226	.5003470

#1	7.257427	29.75396	.1956766	.0017074	2.018457	.2379976	2.977828
#2	7.232817	29.73429	.1954662	.0014043	1.986644	.2364141	2.995594
#3	7.267039	29.80971	.1950942	.0015665	2.201019	.2387641	3.007601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.77877	.8961624	-.380497	.0048591	3.013400	23.97726	.0125048
Stddev	.04921	.0020855	.001509	.0003893	.006638	.10426	.0003126
%RSD	.2368182	.2327151	.3965926	8.011782	.2202786	.4348148	2.500074

#1	20.76065	.8937800	-.378996	.0048253	3.008346	23.89635	.0121812
#2	20.74118	.8970498	-.382014	.0052642	3.010937	23.94051	.0128051
#3	20.83446	.8976575	-.380482	.0044878	3.020918	24.09491	.0125280

Sample Name: I4389-20 Acquired: 8/4/2017 17:46:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9P5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.003033	.0084555	.0315847
Stddev	.001740	.0000536	.0001190
%RSD	.1735013	.6344206	.3767052

#1	1.002190	.0085173	.0316196
#2	1.001875	.0084285	.0314522
#3	1.005034	.0084208	.0316824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	971.2012	2058.833	39637.08	11504.40	2693.757
Stddev	4.8250	9.170	113.32	35.61	6.803
%RSD	.4968032	.4454204	.2858995	.3095140	.2525336

#1	965.6766	2050.165	39507.78	11464.09	2686.172
#2	973.3392	2068.435	39684.32	11531.58	2699.319
#3	974.5878	2057.900	39719.14	11517.52	2695.779

Sample Name: I4389-21 Acquired: 8/4/2017 17:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1476465	.1051029	.5833876	.0806892	.1843118	86.35411	5.987930
Stddev	.0010417	.0005679	.0042350	.0023256	.0003294	.05957	.006420
%RSD	.7054997	.5403551	.7259387	2.882177	.1786952	.0689848	.1072089

#1	.1472266	.1052541	.5882646	.0804730	.1846849	86.41565	5.988201
#2	.1488325	.1044747	.5806375	.0831154	.1841889	86.34996	5.994209
#3	.1468803	.1055800	.5812608	.0784793	.1840614	86.29672	5.981378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949260	.1685689	53.43647	.5011340	1.119370	.7458718	158.6456
Stddev	.0006501	.0004779	.42268	.0005730	.001147	.0020609	.6657
%RSD	.6848749	.2834956	.7909903	.1143365	.1025124	.2763097	.4195908

#1	.0943197	.1682780	53.25332	.5009596	1.120568	.7482395	158.2257
#2	.0948456	.1691205	53.13626	.5017739	1.118280	.7444810	158.2979
#3	.0956125	.1683083	53.91983	.5006685	1.119263	.7448949	159.4131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.101635	29.19600	1.216311	.0407228	1.926209	1.217335	3.803944
Stddev	.044499	.14854	.000770	.0002442	.059508	.005446	.050514
%RSD	.5492613	.5087660	.0633201	.5997609	3.089379	.4473943	1.327937

#1	8.082846	29.07318	1.215594	.0405730	1.994609	1.222943	3.856638
#2	8.069612	29.15373	1.216215	.0405909	1.897686	1.212066	3.799257
#3	8.152447	29.36109	1.217125	.0410047	1.886332	1.216994	3.755936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.37672	.8791161	-.383381	.0042491	2.931325	23.64445	.0135534
Stddev	.01661	.0036393	.000183	.0003124	.012155	.14603	.0006635
%RSD	.0815095	.4139679	.0478190	7.352877	.4146705	.6176256	4.895152

#1	20.36555	.8820603	-.383326	.0044119	2.945313	23.50576	.0132418
#2	20.36880	.8750473	-.383231	.0038889	2.925334	23.63074	.0143153
#3	20.39580	.8802408	-.383585	.0044466	2.923328	23.79686	.0131031

Sample Name: I4389-21 Acquired: 8/4/2017 17:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9869856	.0082884	.0309264
Stddev	.0017441	.0000401	.0000858
%RSD	.1767118	.4834967	.2774214

#1	.9863662	.0082582	.0309626
#2	.9856358	.0083339	.0308284
#3	.9889549	.0082732	.0309882

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	968.6301	2053.725	39709.60	11529.43	2697.878
Stddev	11.8592	15.409	205.56	18.49	17.538
%RSD	1.224325	.7503154	.5176517	.1604112	.6500536

#1	958.6598	2038.014	39555.54	11522.43	2678.884
#2	965.4860	2068.813	39630.24	11550.41	2713.457
#3	981.7445	2054.348	39943.00	11515.46	2701.293

Sample Name: I4389-19LX5 Acquired: 8/4/2017 17:54:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217688	-.003703	.1214009	-.003489	.0017962	18.66414	.4504150
Stddev	.0021051	.001414	.0010525	.002826	.0014997	.04420	.0011587
%RSD	9.670296	38.19848	.8669380	81.01787	83.48887	.2368300	.2572462

#1	.0228809	-.002086	.1204348	-.002641	.0003352	18.71287	.4516726
#2	.0193409	-.004311	.1225224	-.006642	.0017217	18.65295	.4501818
#3	.0230847	-.004712	.1212456	-.001183	.0033318	18.62662	.4493907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019452	.0152165	12.55361	.0270435	.0205306	.0632286	37.46455
Stddev	.0000352	.0001886	.03954	.0004221	.0001189	.0008167	.05634
%RSD	1.811539	1.239361	.3149903	1.560760	.5793000	1.291619	.1503771

#1	.0019859	.0150007	12.54972	.0272456	.0204472	.0641473	37.45334
#2	.0019260	.0153495	12.59495	.0265583	.0204778	.0629532	37.52565
#3	.0019237	.0152994	12.51616	.0273265	.0206668	.0625852	37.41466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.707683	6.835393	.0406720	.0001375	.5123809	.0546655	.6649331
Stddev	.003869	.006801	.0007696	.0001827	.0402860	.0023156	.0050754
%RSD	.2265390	.0994980	1.892081	132.8587	7.862502	4.235945	.7632867

#1	1.707005	6.835636	.0398532	-.000043	.4733735	.0521374	.6666594
#2	1.711846	6.842069	.0407826	.000133	.5099353	.0566836	.6592198
#3	1.704199	6.828473	.0413803	.000322	.5538340	.0551755	.6689201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.631871	.1811049	-.093987	.0008418	.6167158	5.840803	.0024997
Stddev	.021886	.0021970	.000695	.0001571	.0070297	.026130	.0006871
%RSD	.4725029	1.213091	.7398992	18.66610	1.139864	.4473754	27.48537

#1	4.620514	.1787217	-.093186	.0009588	.6101616	5.866336	.0020159
#2	4.617998	.1815436	-.094430	.0009035	.6158459	5.841959	.0021971
#3	4.657100	.1830495	-.094347	.0006632	.6241400	5.814114	.0032861

Sample Name: I4389-19LX5 Acquired: 8/4/2017 17:54:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9P5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2290724	.0016399	.0071847
Stddev	.0009228	.0000331	.0000333
%RSD	.4028538	2.019343	.4632466

#1	.2297846	.0016473	.0072192
#2	.2294027	.0016037	.0071823
#3	.2280298	.0016687	.0071527

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.5082	1991.127	38013.62	10527.77	3026.774
Stddev	5.1729	12.308	394.95	28.19	25.616
%RSD	.5413776	.6181256	1.038976	.2677516	.8463176

#1	951.6304	2002.182	37569.09	10501.62	3052.261
#2	961.3817	1993.334	38324.10	10524.08	3027.031
#3	953.5124	1977.866	38147.67	10557.63	3001.030

Sample Name: PB101087BL Acquired: 8/4/2017 17:58:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000088	-.000531	-.001379	-.000365	.0004920	.0000117	.0005548
Stddev	.004207	.000438	.000762	.001777	.0004518	.0016598	.0001451
%RSD	4786.068	82.50732	55.26530	486.8388	91.81743	14156.12	26.15483

#1	.003646	-.001037	-.001599	.000396	.0010106	-.000638	.0004137
#2	.000737	-.000256	-.002006	-.002396	.0001834	.001898	.0005471
#3	-.004646	-.000301	-.000531	.000905	.0002821	-.001225	.0007036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	-.000055	-.000497	-.000555	.0000492	.0001851	.0016466
Stddev	.000036	.000042	.007440	.000353	.0001842	.0002366	.0019435
%RSD	76.13084	75.96607	1496.103	63.59661	374.1151	127.8678	118.0368

#1	-.000071	-.000088	-.009087	-.000182	-.000055	.0002792	.0023381
#2	-.000006	-.000008	.003912	-.000884	-.000059	-.000084	.0031498
#3	-.000065	-.000068	.003683	-.000598	.000262	.000360	-.000548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	-.018780	-.000085	-.000352	.0874866	.0001266	.0004944
Stddev	.000080	.015009	.000167	.000086	.0682046	.0018332	.0015191
%RSD	353.7180	79.92065	196.0933	24.29387	77.96003	1447.760	307.2846

#1	.000048	-.034634	.000074	-.000415	.0480313	.0022411	.0019516
#2	-.000007	-.004790	-.000071	-.000255	.0481861	-.001015	.0006113
#3	-.000109	-.016916	-.000259	-.000388	.1662425	-.000846	-.001080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000284	-.000068	-.006639	-.000068	.0020988	-.001870	.0005749
Stddev	.045226	.000136	.000535	.000463	.0022452	.000457	.0006877
%RSD	15947.86	198.7581	8.063831	683.3981	106.9746	24.45909	119.6267

#1	.051830	.000089	-.007133	.000465	.0036861	-.002265	.0001090
#2	-.029253	-.000144	-.006716	-.000368	.0030803	-.001975	.0013648
#3	-.023427	-.000150	-.006070	-.000300	-.000470	-.001369	.0002510

Sample Name: PB101087BL Acquired: 8/4/2017 17:58:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	-.000762	-.000304	.0000696
Stddev	.000399	.000026	.0000009
%RSD	52.32843	8.580786	1.320985

#1	-.000470	-.000288	.0000703
#2	-.001216	-.000289	.0000701
#3	-.000599	-.000334	.0000686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.2758	1982.770	37142.41	10171.25	3284.487
Stddev	2.0450	7.605	47.24	50.03	1.954
%RSD	.2198263	.3835328	.1271901	.4918686	.0594808

#1	927.9604	1981.970	37140.12	10143.17	3282.804
#2	931.8348	1990.743	37096.35	10229.01	3286.629
#3	931.0323	1975.597	37190.75	10141.58	3284.027

Sample Name: I4388-18 Acquired: 8/4/2017 18:06:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782194	-.021815	.3983312	-.009542	.0068142	78.33319	1.813228
Stddev	.0026327	.003689	.0040978	.003331	.0018224	.09493	.004787
%RSD	3.365821	16.90858	1.028732	34.90368	26.74374	.1211871	.2640129

#1	.0781393	-.022832	.3958582	-.011872	.0082437	78.44084	1.816368
#2	.0808912	-.017725	.3960741	-.005727	.0074369	78.29727	1.807718
#3	.0756276	-.024888	.4030612	-.011027	.0047621	78.26146	1.815597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060092	.0281157	263.9484	.1115246	.0666842	.2155852	142.7882
Stddev	.0002980	.0000920	.2727	.0008731	.0001681	.0004532	.1421
%RSD	4.959452	.3271005	.1033269	.7828684	.2521293	.2102271	.0995236

#1	.0062214	.0282172	263.8557	.1110837	.0668548	.2160966	142.9153
#2	.0061377	.0280379	264.2555	.1125303	.0666793	.2152331	142.8145
#3	.0056685	.0280921	263.7342	.1109600	.0665186	.2154261	142.6347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.534373	48.28999	.2053902	.0008029	1.827483	.2048624	1.778758
Stddev	.003968	.18217	.0006406	.0001227	.095105	.0020459	.034345
%RSD	.1122632	.3772382	.3118810	15.28127	5.204144	.9986449	1.930850

#1	3.537000	48.44145	.2049556	.0009434	1.935298	.2067293	1.789964
#2	3.536309	48.08785	.2061259	.0007480	1.791656	.2051825	1.740210
#3	3.529808	48.34067	.2050892	.0007172	1.755496	.2026753	1.806101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.46901	.7977225	-.336583	.0010855	1.792159	20.71062	.0050679
Stddev	.04838	.0030922	.001949	.0004073	.015930	.24180	.0004058
%RSD	.3127444	.3876250	.5791651	37.52687	.8888468	1.167535	8.007296

#1	15.50435	.7957879	-.337458	.0007866	1.788055	20.73289	.0046240
#2	15.48881	.8012887	-.337941	.0009203	1.809739	20.94052	.0051600
#3	15.41387	.7960908	-.334349	.0015494	1.778683	20.45845	.0054197

Sample Name: I4388-18 Acquired: 8/4/2017 18:06:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9M4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8566982	.0086625	.0490017
Stddev	.0011578	.0000817	.0000973
%RSD	.1351484	.9437650	.1985213

#1	.8571498	.0087566	.0491115
#2	.8575622	.0086213	.0489263
#3	.8553826	.0086095	.0489673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.4935	1963.677	37310.28	11185.10	2518.960
Stddev	15.7251	6.047	371.10	41.03	5.478
%RSD	1.712056	.3079230	.9946419	.3668621	.2174732

#1	916.8013	1961.527	37147.49	11139.71	2516.040
#2	934.9964	1970.505	37734.95	11196.03	2525.280
#3	903.6830	1959.000	37048.38	11219.56	2515.561

Sample Name: I4388-19 Acquired: 8/4/2017 18:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818332	-.021263	.4025755	-.012258	.0048071	78.04593	1.812794
Stddev	.0053610	.003152	.0056566	.003257	.0010570	.14813	.005767
%RSD	6.551174	14.82540	1.405109	26.56666	21.98896	.1898002	.3181489

#1	.0868226	-.018829	.3989119	-.015808	.0037231	78.04216	1.810689
#2	.0825119	-.024824	.4090903	-.009408	.0048632	78.19591	1.819319
#3	.0761651	-.020137	.3997243	-.011559	.0058349	77.89972	1.808376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059889	.0282054	262.4129	.1111288	.0667970	.2135493	142.2941
Stddev	.0000254	.0002112	.8249	.0008411	.0003505	.0017108	.3805
%RSD	.4247629	.7489135	.3143530	.7568464	.5247292	.8011144	.2673838

#1	.0060157	.0280116	262.1770	.1113624	.0664050	.2136941	142.1544
#2	.0059859	.0284305	263.3300	.1101956	.0669062	.2151830	142.7247
#3	.0059651	.0281740	261.7316	.1118283	.0670800	.2117707	142.0032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.531616	48.06998	.2073417	.0007204	1.789816	.2062125	1.755815
Stddev	.009180	.06907	.0013758	.0001158	.084899	.0026734	.004781
%RSD	.2599414	.1436882	.6635234	16.07752	4.743444	1.296413	.2722917

#1	3.533063	48.00280	.2059718	.0008429	1.863765	.2080836	1.751205
#2	3.539987	48.14080	.2087232	.0007057	1.808579	.2031507	1.760750
#3	3.521799	48.06636	.2073301	.0006126	1.697105	.2074034	1.755489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41684	.8079707	-.339440	.0013973	1.804295	20.80533	.0071918
Stddev	.02897	.0040395	.004927	.0002769	.005644	.07823	.0027040
%RSD	.1878819	.4999531	1.451631	19.81428	.3127940	.3760232	37.59910

#1	15.39126	.8033943	-.345130	.0011314	1.801923	20.89234	.0055310
#2	15.44829	.8094780	-.336564	.0016840	1.800224	20.74081	.0103120
#3	15.41096	.8110398	-.336627	.0013766	1.810737	20.78284	.0057324

Sample Name: I4388-19 Acquired: 8/4/2017 18:10:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9M4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8545216	.0086780	.0488860
Stddev	.0033612	.0000070	.0000231
%RSD	.3933419	.0807297	.0471650

#1	.8509990	.0086752	.0488602
#2	.8576939	.0086728	.0488930
#3	.8548720	.0086860	.0489047

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.9287	1954.304	37537.69	11228.62	2507.801
Stddev	3.8777	3.376	56.93	48.56	3.158
%RSD	.4183344	.1727281	.1516568	.4324634	.1259305

#1	925.5285	1953.000	37499.31	11174.66	2510.679
#2	923.9457	1958.138	37510.67	11242.41	2504.422
#3	931.3120	1951.776	37603.10	11268.80	2508.302

Sample Name: I4388-20 Acquired: 8/4/2017 18:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1486306	.1089842	.4356965	.0827806	.1938481	80.93170	5.929784
Stddev	.0048000	.0041952	.0030399	.0017162	.0007046	.12449	.019557
%RSD	3.229463	3.849396	.6977033	2.073219	.3634950	.1538162	.3298013

#1	.1453916	.1063905	.4321882	.0822680	.1939307	80.88236	5.917834
#2	.1541451	.1138243	.4373521	.0846947	.1931058	80.83944	5.919165
#3	.1463550	.1067378	.4375491	.0813790	.1945078	81.07329	5.952353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988807	.1276107	261.0417	.4970487	1.121178	.7071981	142.8898
Stddev	.0004857	.0003405	.3357	.0061415	.004102	.0020278	.3738
%RSD	.4911659	.2668462	.1285821	1.235586	.3658592	.2867300	.2615907

#1	.0994280	.1273427	260.7167	.5037396	1.118778	.7082563	142.5542
#2	.0985009	.1274956	261.0214	.4957384	1.118842	.7048601	142.8225
#3	.0987133	.1279938	261.3870	.4916682	1.125914	.7084778	143.2927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.487017	47.62764	1.264020	.0425972	1.842295	1.221746	2.606756
Stddev	.010771	.15156	.005375	.0005623	.075957	.002478	.024141
%RSD	.2400537	.3182095	.4252415	1.320120	4.122945	.2028212	.9261073

#1	4.484206	47.45509	1.258623	.0432462	1.794409	1.221567	2.633004
#2	4.477930	47.68864	1.264062	.0422551	1.802602	1.219362	2.601762
#3	4.498915	47.73920	1.269373	.0422902	1.929875	1.224308	2.585502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26000	.7847976	-.336991	.0007091	1.742366	21.56332	.0069432
Stddev	.08024	.0060846	.002010	.0003582	.013223	.12432	.0013067
%RSD	.5258071	.7753071	.5965318	50.50573	.7589180	.5765218	18.82028

#1	15.19319	.7814661	-.339012	.0004406	1.730616	21.70687	.0057314
#2	15.23781	.7811063	-.336971	.0005710	1.739796	21.49151	.0067705
#3	15.34900	.7918204	-.334991	.0011158	1.756685	21.49157	.0083277

Sample Name: I4388-20 Acquired: 8/4/2017 18:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8618470	.0084491	.0482798
Stddev	.0010257	.0000922	.0001668
%RSD	.1190115	1.091714	.3454614

#1	.8611161	.0083871	.0483170
#2	.8614053	.0084052	.0480975
#3	.8630195	.0085551	.0484248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.0767	1971.972	37762.90	11146.53	2528.840
Stddev	10.0685	13.244	388.81	22.12	15.857
%RSD	1.084880	.6716094	1.029609	.1984830	.6270579

#1	917.6511	1987.259	37422.15	11121.38	2545.930
#2	928.8337	1964.698	37680.12	11155.20	2525.987
#3	937.7454	1963.960	38186.44	11163.00	2514.603

Sample Name: I4388-18LX5 Acquired: 8/4/2017 18:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228252	-.003984	.0828209	-.001750	.0022760	16.99828	.4011079
Stddev	.0032143	.001591	.0008040	.001354	.0013051	.44188	.0093926
%RSD	14.08210	39.93364	.9707839	77.35376	57.33906	2.599571	2.341666

#1	.0196099	-.002257	.0820289	-.003273	.0036043	17.49573	.4117152
#2	.0260385	-.004306	.0836364	-.000685	.0022282	16.84787	.3977624
#3	.0228273	-.005390	.0827973	-.001292	.0009955	16.65123	.3938460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014273	.0053726	59.24578	.0258040	.0124753	.0481894	33.44526
Stddev	.0000406	.0001085	1.44174	.0005414	.0004303	.0006294	.80387
%RSD	2.841445	2.019475	2.433495	2.098214	3.448797	1.306025	2.403533

#1	.0014115	.0052631	60.91053	.0261087	.0125950	.0488443	34.36737
#2	.0014733	.0053748	58.40382	.0251788	.0119979	.0481348	33.07631
#3	.0013969	.0054801	58.42300	.0261244	.0128330	.0475891	32.89209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8286843	10.85758	.0412119	.0002003	.4617302	.0481184	.3887390
Stddev	.0219409	.25484	.0003612	.0003888	.0250975	.0016537	.0078217
%RSD	2.647674	2.347108	.8765416	194.1253	5.435529	3.436730	2.012076

#1	.8539986	11.13686	.0409687	.0006430	.4468874	.0494037	.3948126
#2	.8169166	10.79823	.0410400	.0000433	.4907074	.0462527	.3799132
#3	.8151376	10.63766	.0416270	-.000085	.4475958	.0486987	.3914913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.398781	.1517790	-.083621	-.000061	.3491200	5.339234	.0005811
Stddev	.139511	.0008492	.001963	.000188	.0034745	.129069	.0009537
%RSD	4.104723	.5595185	2.347837	306.0650	.9952208	2.417370	164.0996

#1	3.558995	.1515129	-.085805	-.000266	.3456215	5.488039	-.000430
#2	3.333227	.1510946	-.083058	-.000023	.3491685	5.272021	.001464
#3	3.304121	.1527294	-.082001	.000105	.3525700	5.257642	.000710

Sample Name: I4388-18LX5 Acquired: 8/4/2017 18:18:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9M4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1990744	.0016385	.0111142
Stddev	.0060329	.0000474	.0002664
%RSD	3.030448	2.891795	2.396755

#1	.2058633	.0016929	.0114127
#2	.1970323	.0016159	.0110292
#3	.1943277	.0016066	.0109006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.3630	1974.451	36712.83	10354.33	2972.814
Stddev	12.1437	5.612	308.07	231.96	15.454
%RSD	1.326658	.2842215	.8391356	2.240245	.5198451

#1	917.4952	1968.003	36923.32	10090.24	2969.160
#2	926.2994	1977.123	36855.94	10447.65	2989.768
#3	902.2944	1978.228	36359.24	10525.11	2959.515

Sample Name: PB101247BL Acquired: 8/4/2017 18:23:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012206	-.001259	-.000466	-.001041	-.000050	-.001171	.0009747
Stddev	.0016121	.000974	.001385	.004594	.001758	.003138	.0001135
%RSD	132.0765	77.31301	297.5424	441.0827	3500.609	268.0671	11.64900

#1	.0027127	-.001932	-.000382	.004263	-.000805	-.002988	.0008441
#2	.0014385	-.000143	.000876	-.003726	-.001305	.002453	.0010503
#3	-.000489	-.001703	-.001891	-.003662	.001960	-.002977	.0010297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000048	.0029422	-.000717	.0000681	.0000500	-.005227
Stddev	.000073	.000145	.0041073	.000194	.0000874	.0005272	.001987
%RSD	5526.287	300.5795	139.5992	27.08448	128.2651	1055.250	38.00822

#1	-.000028	-.000216	.0074729	-.000527	.0000835	-.000527	-.003143
#2	.000081	.000028	.0018912	-.000709	.0001469	.000506	-.007100
#3	-.000057	.000043	-.000537	-.000916	-.000026	.000171	-.005438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000166	-.010786	.0000027	-.000246	.0641806	.0003987	-.000098
Stddev	.000290	.015438	.0001685	.000116	.0646855	.0013510	.002262
%RSD	174.0968	143.1194	6185.485	47.09604	100.7868	338.8572	2310.948

#1	-.000489	.001948	-.000137	-.000358	.0932135	.0005040	.002117
#2	-.000082	-.027956	.000190	-.000256	.1092631	-.001002	-.000007
#3	.000072	-.006351	-.000044	-.000126	-.009935	.001694	-.002404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035731	-.000075	-.007331	-.000276	.0022607	-.000329	.0001505
Stddev	.027948	.000031	.000223	.000311	.0029836	.000400	.0006328
%RSD	78.21957	41.00338	3.035844	112.5602	131.9780	121.7459	420.3459

#1	-.062064	-.000043	-.007404	-.000543	.0030135	-.000370	-.000170
#2	-.038719	-.000077	-.007081	-.000349	.0047957	.000091	.000879
#3	-.006408	-.000104	-.007507	.000065	-.001027	-.000706	-.000258

Sample Name: PB101247BL Acquired: 8/4/2017 18:23:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000052	-.000351	.0000698
Stddev	.000776	.000051	.0000019
%RSD	1504.542	14.47767	2.741049

#1	.000086	-.000309	.0000678
#2	-.000888	-.000337	.0000701
#3	.000647	-.000407	.0000716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	949.3032	2023.504	37640.17	10327.38	3333.672
Stddev	7.2745	40.070	175.74	76.46	67.548
%RSD	.7662983	1.980225	.4668823	.7403923	2.026239

#1	957.0531	1986.397	37836.37	10280.75	3267.835
#2	942.6224	2065.993	37497.21	10415.63	3402.810
#3	948.2343	2018.123	37586.93	10285.77	3330.372

Sample Name: PB101247BS Acquired: 8/4/2017 18:27:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152829	.0508017	.0184475	.0589152	.1067501	.3490431
Stddev	.0020147	.0024603	.0005203	.0007686	.0011468	.0025420
%RSD	13.18267	4.842941	2.820522	1.304497	1.074319	.7282829

#1	.0176029	.0536353	.0179487	.0583542	.1079141	.3461633
#2	.0139734	.0492088	.0184069	.0586002	.1056213	.3499910
#3	.0142725	.0495610	.0189869	.0597912	.1067149	.3509750

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3413031	.0108898	.0092006	9.215236	.0210576	.0835780
Stddev	.0015190	.0000947	.0000854	.031570	.0003392	.0001937
%RSD	.4450660	.8695021	.9284318	.3425825	1.610764	.2317599

#1	.3414928	.0108636	.0091338	9.183213	.0213628	.0837225
#2	.3427184	.0109949	.0091711	9.246333	.0206924	.0833579
#3	.3396981	.0108110	.0092968	9.216161	.0211176	.0836535

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467340	.2109654	.0300946	9.080574	.0704026	.0180399
Stddev	.0004270	.0014383	.0001337	.032953	.0004549	.0000933
%RSD	.9136439	.6817781	.4443405	.3628987	.6460688	.5169542

#1	.0468071	.2112933	.0299857	9.073733	.0707454	.0179680
#2	.0471198	.2093915	.0302439	9.116411	.0705757	.0181452
#3	.0462752	.2122115	.0300543	9.051578	.0698866	.0180063

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.931824	.0959364	.1142409	7.654264	F .0024002	F .0156854
Stddev	.080776	.0033684	.0023287	.055873	.0001927	.0004045
%RSD	.9043638	3.511121	2.038373	.7299581	8.028435	2.578724

#1	8.847800	.0985153	.1169190	7.691707	.0021841	.0157964
#2	8.938767	.0921254	.1131108	7.681042	.0025541	.0152371
#3	9.008904	.0971685	.1126930	7.590042	.0024625	.0160229

Sample Name: PB101247BS Acquired: 8/4/2017 18:27:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206199	.1521399	.2056175	F .0125612	.1828309	.0088489
Stddev	.0005798	.0034006	.0008687	.0008978	.0010317	.0000283
%RSD	2.811949	2.235145	.4225082	7.147411	.5642955	.3202564

#1	.0208495	.1554542	.2055184	.0130088	.1822035	.0088479
#2	.0199604	.1486592	.2065315	.0131472	.1840216	.0088777
#3	.0210497	.1523063	.2048025	.0115276	.1822675	.0088211

Elem	Sr4077
Units	ppm
Avg	.0222798
Stddev	.0000503
%RSD	.2257991

#1	.0222977
#2	.0223187
#3	.0222230

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.7074	1994.711	37166.49	10581.12	3205.132
Stddev	8.3609	3.483	108.38	10.96	3.239
%RSD	.8822234	.1746163	.2916124	.1036113	.1010665

#1	956.3107	1991.800	37278.84	10592.12	3201.963
#2	947.1995	1993.762	37062.56	10581.05	3204.997
#3	939.6121	1998.570	37158.07	10570.19	3208.437

Sample Name: PB101247TB Acquired: 8/4/2017 18:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090182	-.009120	-.001377	.0136387	.0001764	.0044289
Stddev	.0019997	.001019	.000817	.0017573	.0003299	.0008703
%RSD	22.17435	11.16973	59.36259	12.88473	186.9998	19.65120

#1	.0098996	-.010026	-.001890	.0156380	-.000042	.0047468
#2	.0104257	-.009316	-.001806	.0129391	.000015	.0034443
#3	.0067292	-.008017	-.000434	.0123389	.000556	.0050957

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002261	.0000511	-.000448	.0059689	.0001426	-.000130
Stddev	.0004072	.0000598	.000080	.0030240	.0001832	.000158
%RSD	180.0577	117.1754	17.77267	50.66226	128.4363	121.1730

#1	.0005852	.0000895	-.000367	.0043665	.0000235	-.000193
#2	.0003094	-.000018	-.000451	.0094569	.0003536	-.000247
#3	-.000216	.000082	-.000526	.0040834	.0000508	.000049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012445	.0008076	-.000204	.0195918	.0057778	-.000088
Stddev	.0002612	.0036971	.000134	.0020763	.0001587	.000289
%RSD	20.99207	457.7936	65.84483	10.59807	2.746100	327.8144

#1	.0013995	.0008430	-.000281	.0172991	.0058265	-.000061
#2	.0013911	.0044868	-.000049	.0213455	.0056004	-.000390
#3	.0009429	-.002907	-.000281	.0201308	.0059063	.000187

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1429.204	.0000532	.0005000	-.982182	.0010518	-.003212
Stddev	25.453	.0020649	.0018618	.018192	.0000904	.000675
%RSD	1.780913	3878.832	372.3382	1.852241	8.598809	20.99962

#1	1399.894	-.000406	-.001596	-.996484	.0009721	-.003406
#2	1445.740	-.001744	.001135	-.961706	.0011501	-.002462
#3	1441.978	.002309	.001962	-.988356	.0010331	-.003769

Sample Name: PB101247TB Acquired: 8/4/2017 18:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004941	.0589384	.0091908	F .0092595	-.000654	-.000514
Stddev	.0001492	.0062505	.0004253	.0019658	.000368	.000043
%RSD	30.19205	10.60508	4.627659	21.23048	56.34424	8.344908

#1	.0006507	.0650105	.0089937	.0069926	-.000258	-.000557
#2	.0004780	.0525237	.0088999	.0102908	-.000986	-.000512
#3	.0003537	.0592809	.0096790	.0104951	-.000718	-.000471

Elem	Sr4077
Units	ppm
Avg	.0000686
Stddev	.0000008
%RSD	1.104391

#1	.0000694
#2	.0000685
#3	.0000679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	790.3594	1653.514	30402.61	9893.785	2311.382
Stddev	5.7448	7.690	83.06	137.329	4.836
%RSD	.7268601	.4650628	.2731864	1.388038	.2092336

#1	793.3003	1644.657	30487.09	10050.55	2305.797
#2	783.7396	1658.484	30321.06	9836.11	2314.185
#3	794.0385	1657.402	30399.68	9794.70	2314.163

Sample Name: I4533-01 Acquired: 8/4/2017 18:35:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESS44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079635	-.009818	.2214066	.0172262	.0032418	.3299480
Stddev	.0017287	.002477	.0011166	.0060429	.0004625	.0049423
%RSD	21.70792	25.22766	.5043062	35.07992	14.26602	1.497919

#1	.0075349	-.011499	.2226946	.0142879	.0027327	.3243897
#2	.0064894	-.010981	.2207115	.0241763	.0033566	.3338480
#3	.0098662	-.006974	.2208138	.0132142	.0036361	.3316063

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9868076	.0000464	.0328291	600.3164	.0006499	.0001054
Stddev	.0030410	.0000393	.0004799	4.5454	.0002239	.0001618
%RSD	.3081668	84.62349	1.461699	.7571748	34.45258	153.5133

#1	.9879147	.0000338	.0333482	597.6863	.0006042	-.000059
#2	.9833681	.0000905	.0327375	597.6978	.0004523	.000265
#3	.9891400	.0000150	.0324016	605.5650	.0008931	.000110

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1235476	.1993668	1.559436	14.24968	.0249113	-.000039
Stddev	.0008327	.0116697	.008904	.09691	.0007596	.000194
%RSD	.6740260	5.853359	.5709656	.6800691	3.049229	499.9738

#1	.1240529	.1860535	1.554245	14.18992	.0247985	-.000236
#2	.1225865	.2042216	1.554345	14.19764	.0242144	.000152
#3	.1240035	.2078254	1.569717	14.36149	.0257210	-.000033

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1459.644	-.002082	4.135835	1.120074	.0187777	.0906008
Stddev	4.794	.002827	.027169	.028663	.0003211	.0006781
%RSD	.3284208	135.7774	.6569278	2.559044	1.710028	.7484446

#1	1460.845	-.004153	4.120635	1.136160	.0190960	.0898783
#2	1454.364	.001139	4.119667	1.086981	.0187833	.0912235
#3	1463.723	-.003231	4.167203	1.137082	.0184539	.0907006

Sample Name: I4533-01 Acquired: 8/4/2017 18:35:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESS44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000216	3.607381	2.886413	.0012242	.0013195	.0005695
Stddev	.000118	.028364	.029124	.0019678	.0011294	.0000231
%RSD	54.57955	.7862864	1.009003	160.7472	85.59107	4.048764

#1	-.000227	3.639567	2.876493	-.000637	.0003338	.0005910
#2	-.000329	3.586035	2.863545	.003284	.0010729	.0005451
#3	-.000093	3.596541	2.919201	.001026	.0025519	.0005725

Elem	Sr4077
Units	ppm
Avg	.0436391
Stddev	.0001939
%RSD	.4442481

#1	.0436851
#2	.0434263
#3	.0438058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.6029	1529.118	28934.47	9615.606	2069.037
Stddev	2.4032	15.455	85.42	65.566	20.483
%RSD	.3302832	1.010688	.2952187	.6818659	.9899923

#1	730.3594	1514.397	29032.50	9641.428	2049.532
#2	725.9484	1545.214	28876.06	9664.330	2090.376
#3	726.5008	1527.742	28894.84	9541.061	2067.202

Sample Name: I4343-15DLX10 Acquired: 8/4/2017 18:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190394	-.005071	2.358661	-.003227	.0028254	9.293141	.2795753
Stddev	.0011864	.000934	.008843	.001079	.0015131	.776623	.0224604
%RSD	6.231467	18.42272	.3749201	33.45575	53.55231	8.356948	8.033738

#1	.0193274	-.005717	2.360024	-.004304	.0036578	8.396419	.2536471
#2	.0177355	-.004000	2.366743	-.003231	.0037395	9.733677	.2930536
#3	.0200554	-.005496	2.349215	-.002145	.0010789	9.749326	.2920252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011160	.0185678	10.44052	.0003084	.0093130	.3319240	31.65094
Stddev	.0000620	.0001687	.92559	.0003043	.0002220	.0297146	2.72311
%RSD	5.553222	.9083882	8.865402	98.67045	2.384166	8.952232	8.603575

#1	.0011507	.0187543	9.37585	.0005425	.0094448	.2977143	28.51187
#2	.0011528	.0185229	10.89174	.0004182	.0090567	.3513152	33.06217
#3	.0010444	.0184261	11.05398	-.000036	.0094376	.3467427	33.37876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6581708	3.552672	.0130339	.0006500	.5922742	.0330551	15.16180
Stddev	.0576449	.292811	.0006839	.0000840	.0544849	.0033183	.20306
%RSD	8.758347	8.242006	5.246849	12.92932	9.199265	10.03867	1.339298

#1	.5917393	3.214596	.0129261	.0005560	.5558411	.0293239	14.92773
#2	.6877712	3.717590	.0137653	.0006758	.5660714	.0356756	15.26696
#3	.6950020	3.725830	.0124104	.0007180	.6549100	.0341657	15.29071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035759	.0409728	-.070291	-.001302	.4686268	2.727248	.0036375
Stddev	.205824	.0002861	.003681	.000395	.0047236	.196434	.0004533
%RSD	19.87182	.6982201	5.237094	30.35185	1.007973	7.202659	12.46153

#1	.798229	.0412551	-.066248	-.000895	.4730526	2.500900	.0034676
#2	1.147599	.0406831	-.073450	-.001329	.4691748	2.827725	.0032936
#3	1.161451	.0409800	-.071174	-.001684	.4636531	2.853120	.0041511

Sample Name: I4343-15DLX10 Acquired: 8/4/2017 18:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8K9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1611257	.0010415	.0038631
Stddev	.0143433	.0001439	.0003215
%RSD	8.901898	13.81930	8.321174

#1	.1445765	.0008865	.0034919
#2	.1699656	.0011710	.0040468
#3	.1688352	.0010670	.0040506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	935.0938	1975.598	36930.89	10741.43	3106.980
Stddev	5.7622	7.786	97.05	791.75	13.837
%RSD	.6162164	.3940903	.2627768	7.371031	.4453382

#1	931.1873	1971.989	36842.44	11655.51	3099.429
#2	932.3827	1970.272	36915.54	10298.90	3098.562
#3	941.7115	1984.534	37034.70	10269.86	3122.949

Sample Name: I4343-16DLX10 Acquired: 8/4/2017 18:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET8L0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102483	-.006299	.2414963	-.006753	.0027647	8.050492	.1993469
Stddev	.0024637	.002238	.0015601	.002358	.0009389	.648229	.0151167
%RSD	24.03969	35.53477	.6460083	34.92683	33.95894	8.052039	7.583128

#1	.0113417	-.007071	.2427140	-.007994	.0024286	7.305978	.1819066
#2	.0074272	-.003777	.2420372	-.008231	.0020402	8.355856	.2074416
#3	.0119759	-.008050	.2397378	-.004033	.0038254	8.489642	.2086926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012409	.0108620	8.344736	.0075944	.0113802	.0993085	52.89367
Stddev	.0001332	.0001675	.641607	.0003714	.0000271	.0072171	4.14582
%RSD	10.73323	1.541945	7.688768	4.890474	.2379980	7.267358	7.838030

#1	.0011688	.0110340	7.613885	.0078126	.0113982	.0910965	48.13877
#2	.0013946	.0108528	8.605031	.0078050	.0113934	.1021862	54.79040
#3	.0011592	.0106994	8.815293	.0071655	.0113491	.1046428	55.75183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.580690	3.542160	.0301653	-.000253	.5897543	.0280386	4.306551
Stddev	.127011	.284873	.0005391	.000444	.0613833	.0037428	.096304
%RSD	8.035183	8.042344	1.787301	175.3940	10.40829	13.34859	2.236221

#1	1.435304	3.213351	.0300171	-.000719	.5556237	.0237394	4.210650
#2	1.636678	3.698421	.0307630	-.000204	.6606177	.0298058	4.305750
#3	1.670088	3.714707	.0297157	.000164	.5530215	.0305705	4.403253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.032492	.0497143	-.141141	-.000558	.3134696	1.390049	.0051930
Stddev	.185909	.0009904	.008207	.000243	.0072668	.085821	.0006468
%RSD	18.00585	1.992150	5.814405	43.52587	2.318196	6.173944	12.45593

#1	.819032	.0506973	-.131671	-.000413	.3143494	1.292497	.0047557
#2	1.119516	.0497287	-.145580	-.000423	.3202566	1.423728	.0059361
#3	1.158928	.0487167	-.146171	-.000839	.3058030	1.453922	.0048874

Sample Name: I4343-16DLX10 Acquired: 8/4/2017 18:43:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET8L0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0736671	.0006860	.0048851
Stddev	.0061486	.0000853	.0003740
%RSD	8.346401	12.43146	7.656000

#1	.0666091	.0005971	.0044573
#2	.0765309	.0006938	.0050476
#3	.0778614	.0007671	.0051503

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	953.5650	2004.458	37304.62	10751.19	3131.313
Stddev	3.4377	5.834	90.52	720.04	11.745
%RSD	.3605094	.2910509	.2426551	6.697267	.3750960

#1	956.2837	1998.193	37299.88	11579.40	3119.297
#2	954.7105	2009.734	37216.57	10400.32	3131.873
#3	949.7008	2005.446	37397.42	10273.85	3142.768

Sample Name: PB101087BS Acquired: 8/4/2017 18:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0179451	.0529847	.0176792	.0613743	.1109954	.3656806
Stddev	.0014153	.0008630	.0006004	.0016750	.0017330	.0034679
%RSD	7.886684	1.628680	3.396280	2.729150	1.561328	.9483307

#1	.0165973	.0526624	.0179153	.0631571	.1105260	.3638492
#2	.0178186	.0523293	.0169966	.0598335	.1095453	.3635125
#3	.0194194	.0539625	.0181257	.0611322	.1129147	.3696803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3607215	.0107792	.0093327	9.678451	.0218857	.0872711
Stddev	.0015103	.0000741	.0000579	.042130	.0002454	.0008747
%RSD	.4187028	.6875054	.6202327	.4352978	1.121342	1.002247

#1	.3590218	.0107587	.0093762	9.711093	.0220104	.0876501
#2	.3612333	.0108614	.0092670	9.630892	.0220438	.0862708
#3	.3619095	.0107175	.0093548	9.693368	.0216030	.0878924

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493689	.2165585	.0312919	9.379863	.0724343	.0177511
Stddev	.0006452	.0003711	.0003250	.048262	.0003237	.0000999
%RSD	1.306913	.1713494	1.038545	.5145248	.4468866	.5626244

#1	.0486313	.2168851	.0315465	9.380996	.0726750	.0178169
#2	.0498290	.2161550	.0309259	9.331045	.0720663	.0176362
#3	.0496463	.2166354	.0314033	9.427549	.0725616	.0178002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.365239	.1014835	.1093019	8.185291	F .0027591	F .0149610
Stddev	.054926	.0008703	.0029262	.052381	.0001464	.0002888
%RSD	.5864865	.8575986	2.677161	.6399410	5.306243	1.930574

#1	9.397619	.1022616	.1059243	8.224681	.0028803	.0146464
#2	9.396278	.1016451	.1110707	8.125846	.0025965	.0152142
#3	9.301821	.1005436	.1109107	8.205348	.0028006	.0150224

Sample Name: PB101087BS Acquired: 8/4/2017 18:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) 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	.0213963	.1526710	.2081133	F .0132319	.1927094	.0091820
Stddev	.0000913	.0017427	.0028497	.0005181	.0003727	.0000485
%RSD	.4267621	1.141500	1.369319	3.915583	.1934218	.5279895

#1	.0214943	.1527335	.2105009	.0136599	.1927455	.0091291
#2	.0213813	.1508978	.2049585	.0126559	.1923199	.0091927
#3	.0213135	.1543816	.2088806	.0133801	.1930627	.0092242

Elem	Sr4077
Units	ppm
Avg	.0229402
Stddev	.0000731
%RSD	.3187862

#1	.0230108
#2	.0228647
#3	.0229451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.3934	2001.111	37737.50	10508.38	3197.651
Stddev	6.9561	18.127	33.61	52.83	26.617
%RSD	.7168296	.9058584	.0890583	.5027125	.8323923

#1	975.9904	2010.991	37731.46	10460.33	3204.879
#2	972.5841	2012.153	37773.72	10564.95	3219.907
#3	962.6057	1980.191	37707.32	10499.87	3168.166

Sample Name: I4404-04 Acquired: 8/4/2017 18:55:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029301	-.001756	.0077604	-.001375	.0012445	.0408282	.1642837
Stddev	.0026848	.001491	.0007382	.003432	.0011772	.0053949	.0007475
%RSD	91.62666	84.86651	9.512609	249.5863	94.58897	13.21366	.4550176

#1	.0040292	-.002795	.0071978	-.001520	.0008873	.0349174	.1634257
#2	-.000130	-.000049	.0085963	-.004732	.0002873	.0420801	.1647948
#3	.004891	-.002425	.0074872	.002127	.0025589	.0454871	.1646305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000048	100.9990	.0004510	-.001043	.0029455	.0066930
Stddev	.000100	.000079	.6145	.0005458	.000231	.0003212	.0086306
%RSD	1066.751	163.1971	.6084458	121.0093	22.18241	10.90390	128.9488

#1	-.000049	-.000118	101.2085	.0004953	-.000893	.0032612	-.000484
#2	.000104	-.000065	101.4813	.0009733	-.000927	.0026192	.004293
#3	-.000083	.000037	100.3071	-.000116	-.001310	.0029560	.016269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020985	36.30745	.0149829	-.000319	24.97220	.0008937	.0856333
Stddev	.0002356	.12072	.0005721	.000237	.13511	.0014544	.0041635
%RSD	11.22500	.3325059	3.818302	74.29240	.5410550	162.7392	4.861976

#1	.0020485	36.30038	.0143879	-.000058	24.82197	.0024306	.0881563
#2	.0018920	36.43156	.0155290	-.000521	25.01089	.0007114	.0879160
#3	.0023550	36.19042	.0150319	-.000377	25.08375	-.000461	.0808278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3944444	.0032250	-.001286	.0006322	11.97972	10.38615	.0003937
Stddev	.0284086	.0004365	.000266	.0001282	.02162	.07023	.0015138
%RSD	7.202168	13.53391	20.67306	20.27281	.1804479	.6762002	384.5041

#1	.3839974	.0027220	-.001342	.0005632	11.95560	10.44616	-.000962
#2	.3727386	.0035040	-.001519	.0005533	11.98619	10.40338	.002027
#3	.4265973	.0034490	-.000997	.0007801	11.99736	10.30891	.000116

Sample Name: I4404-04 Acquired: 8/4/2017 18:55:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001057	.0031822	.0737772
Stddev	.000299	.0000841	.0003894
%RSD	28.31412	2.642976	.5277323

#1	-.001380	.0030874	.0733374
#2	-.000789	.0032480	.0740779
#3	-.001001	.0032111	.0739162

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.0111	1906.436	36113.94	10367.60	2938.729
Stddev	10.0147	10.447	250.97	35.74	8.793
%RSD	1.075685	.5480104	.6949398	.3446884	.2992085

#1	925.3747	1917.004	35972.54	10391.73	2948.847
#2	925.0847	1906.189	35965.57	10326.54	2934.401
#3	942.5739	1896.114	36403.71	10384.51	2932.939

Sample Name: I4404-05 Acquired: 8/4/2017 18:59:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024083	.0001216	.0065891	-.000855	.0000997	.0334873	.1627121
Stddev	.0012899	.0008801	.0012032	.004239	.0016683	.0052875	.0003214
%RSD	53.56010	723.8504	18.26058	495.5922	1673.962	15.78949	.1975217

#1	.0014430	.0010237	.0062951	-.004939	.0019941	.0383531	.1627898
#2	.0019087	-.000735	.0055601	.003524	-.000545	.0342481	.1629875
#3	.0038733	.000076	.0079120	-.001151	-.001150	.0278606	.1623590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000291	-.000045	98.70105	-.000596	-.001124	.0061228	.0036324
Stddev	.0000884	.000055	.47292	.000042	.000127	.0019239	.0044076
%RSD	304.2584	120.8977	.4791404	6.992187	11.30010	31.42200	121.3392

#1	.0000732	-.000057	99.18212	-.000561	-.000996	.0077152	.0064379
#2	.0000867	-.000093	98.68431	-.000585	-.001125	.0066682	-.001448
#3	-.000073	.000014	98.23673	-.000642	-.001250	.0039851	.005907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003976	35.63405	-.000333	-.000047	24.74006	.0016516	.0221977
Stddev	.0003123	.07225	.000381	.000096	.08212	.0010201	.0004941
%RSD	78.55980	.2027445	114.3562	204.2720	.3319241	61.76491	2.225857

#1	.0007459	35.68731	-.000705	.000024	24.69508	.0028107	.0217514
#2	.0003042	35.66302	.000057	-.000009	24.83484	.0008902	.0221132
#3	.0001426	35.55181	-.000353	-.000157	24.69026	.0012540	.0227286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3373257	.0034513	.0244087	.0012477	12.01936	10.11246	-.001722
Stddev	.0246953	.0001727	.0005940	.0002414	.20806	.00432	.000569
%RSD	7.320897	5.004905	2.433618	19.35059	1.731012	.0427026	33.02704

#1	.3304595	.0036431	.0239295	.0014691	11.91535	10.10760	-.001122
#2	.3647275	.0033081	.0242234	.0009903	11.88382	10.11394	-.002253
#3	.3167901	.0034025	.0250733	.0012838	12.25891	10.11584	-.001790

Sample Name: I4404-05 Acquired: 8/4/2017 18:59:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0HS7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001337	.0031313	.0725015
Stddev	.000321	.0000428	.0004252
%RSD	24.01479	1.368048	.5864974

#1	-.001262	.0030825	.0724896
#2	-.001061	.0031628	.0729325
#3	-.001690	.0031486	.0720823

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	936.4003	1892.134	36560.20	10381.96	2926.529
Stddev	15.6409	22.212	543.77	49.31	38.244
%RSD	1.670324	1.173887	1.487320	.4749890	1.306788

#1	930.6691	1905.082	36402.19	10344.56	2950.775
#2	954.0984	1904.834	37165.48	10363.48	2946.369
#3	924.4334	1866.487	36112.95	10437.85	2882.442

Sample Name: I4406-01 Acquired: 8/4/2017 19:04:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2690013	-.040181	.1660871	-.022054	.0091711	78.24286	.8118206
Stddev	.0019084	.005006	.0024163	.005610	.0003718	.29666	.0039181
%RSD	.7094333	12.45894	1.454850	25.43842	4.053759	.3791568	.4826325

#1	.2712049	-.037997	.1668539	-.016174	.0087421	78.30778	.8142286
#2	.2679076	-.036638	.1633804	-.022639	.0093740	78.50168	.8139336
#3	.2678915	-.045908	.1680270	-.027348	.0093974	77.91911	.8072995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047956	-.000034	34.19705	.1367836	.1255164	.3758961	292.5524
Stddev	.0000347	.000235	.14991	.0002076	.0022409	.0030115	.3423
%RSD	.7226337	687.7311	.4383851	.1517357	1.785377	.8011386	.1170162

#1	.0048023	-.000100	34.36311	.1368251	.1254255	.3760306	292.7355
#2	.0047581	-.000229	34.15639	.1365584	.1233223	.3788380	292.7642
#3	.0048264	.000227	34.07167	.1369673	.1278014	.3728196	292.1574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.475179	40.92021	.2767695	-.000556	3.501246	.2060782	.6204234
Stddev	.007284	.09912	.0042796	.000013	.083177	.0010692	.0064097
%RSD	.1627687	.2422369	1.546251	2.400634	2.375630	.5188117	1.033115

#1	4.482418	41.00112	.2763680	-.000571	3.405636	.2058822	.6154154
#2	4.475267	40.94987	.2727048	-.000547	3.556946	.2051207	.6276469
#3	4.467851	40.80964	.2812356	-.000549	3.541158	.2072319	.6182079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.228962	.6287217	-.771677	.0015646	1.731406	12.30081	.0064388
Stddev	.062950	.0099202	.004675	.0003546	.025503	.00580	.0016153
%RSD	.8708045	1.577835	.6058781	22.66080	1.472945	.0471212	25.08654

#1	7.247383	.6237907	-.770644	.0011570	1.721774	12.29702	.0054624
#2	7.280646	.6222332	-.776783	.0018018	1.712122	12.29793	.0055508
#3	7.158856	.6401412	-.767605	.0017349	1.760321	12.30748	.0083033

Sample Name: I4406-01 Acquired: 8/4/2017 19:04:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2X0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.652932	.0074098	.0259955
Stddev	.005755	.0000564	.0001201
%RSD	.3481467	.7609563	.4621678

#1	1.653202	.0074561	.0260470
#2	1.658547	.0074262	.0260813
#3	1.647047	.0073470	.0258582

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	992.5896	2047.832	39608.00	11330.01	2777.941
Stddev	4.1780	14.158	172.45	26.55	30.088
%RSD	.4209236	.6913652	.4353910	.2343299	1.083121

#1	990.0337	2049.099	39535.92	11322.11	2781.620
#2	990.3240	2061.315	39483.28	11308.31	2806.021
#3	997.4111	2033.084	39804.79	11359.61	2746.182

Sample Name: I4382-20A Acquired: 8/4/2017 19:08:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET996A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722693	-.025962	.3803005	-.012178	.0050706	116.6481	2.021370
Stddev	.0032425	.002211	.0015578	.000312	.0025344	1.1094	.016014
%RSD	4.486647	8.516133	.4096097	2.560154	49.98226	.9510478	.7922115

#1	.0700764	-.026237	.3820083	-.011819	.0079122	116.5331	2.023488
#2	.0707376	-.023627	.3799355	-.012386	.0030442	115.6007	2.004403
#3	.0759939	-.028023	.3789576	-.012329	.0042552	117.8105	2.036219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090347	.0096978	39.38165	.1398341	.1146749	.2617337	195.6436
Stddev	.0000466	.0001978	.21745	.0032929	.0014902	.0026772	1.3078
%RSD	.5154604	2.039834	.5521547	2.354856	1.299485	1.022863	.6684526

#1	.0090808	.0098089	39.23058	.1436304	.1163214	.2614773	195.0923
#2	.0089876	.0098151	39.28350	.1381219	.1134187	.2591939	194.7017
#3	.0090356	.0094694	39.63087	.1377501	.1142846	.2645298	197.1367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.587159	35.07365	.2411723	.0000796	2.194934	.2629408	8.038610
Stddev	.044119	.22633	.0011226	.0004139	.068634	.0038879	.118077
%RSD	.6697672	.6452927	.4654884	519.6553	3.126916	1.478626	1.468868

#1	6.567219	34.94235	.2424405	-.000291	2.159033	.2595328	8.174003
#2	6.556529	34.94361	.2403058	.000004	2.274072	.2621139	7.956998
#3	6.637727	35.33499	.2407707	.000526	2.151697	.2671756	7.984828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.63900	.6410626	-.463081	.0000631	2.158348	19.08328	.0178485
Stddev	.22536	.0028187	.003918	.0001424	.012795	.11811	.0003249
%RSD	.9954386	.4396959	.8460846	225.5476	.5928072	.6189005	1.820497

#1	22.63370	.6442889	-.465529	-.000096	2.170594	19.07081	.0176371
#2	22.41634	.6398219	-.458562	.000178	2.145067	18.97190	.0176858
#3	22.86696	.6390771	-.465152	.000107	2.159384	19.20712	.0182227

Sample Name: I4382-20A Acquired: 8/4/2017 19:08:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET996A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6329483	.0122281	.0375107
Stddev	.0073847	.0001693	.0002223
%RSD	1.166716	1.384278	.5927016

#1	.6297582	.0122625	.0375450
#2	.6276949	.0120443	.0372733
#3	.6413918	.0123776	.0377140

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.775	2171.458	40783.29	11817.36	2776.762
Stddev	20.582	14.878	617.52	63.75	22.545
%RSD	1.990929	.6851780	1.514141	.5394284	.8119118

#1	1010.020	2155.473	40071.52	11816.16	2750.805
#2	1045.029	2173.999	41102.31	11881.70	2788.028
#3	1046.276	2184.903	41176.05	11754.23	2791.453

Sample Name: I4409-03LREX5 Acquired: 8/4/2017 19:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538661	-.007408	.1447558	-.006478	.0040039	18.36632	.2705911
Stddev	.0031458	.001763	.0026692	.000414	.0014274	.07828	.0010878
%RSD	5.840132	23.79235	1.843936	6.396014	35.65018	.4262259	.4019967

#1	.0570725	-.005457	.1457134	-.006070	.0051729	18.45488	.2717271
#2	.0537414	-.008886	.1468142	-.006899	.0044256	18.33771	.2704873
#3	.0507845	-.007881	.1417399	-.006464	.0024132	18.30637	.2695590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008364	-.000355	17.09757	.0383653	.0228465	.0960767	59.19635
Stddev	.0001243	.000090	.06156	.0002298	.0001556	.0014967	.26826
%RSD	14.86221	25.21537	.3600549	.5989628	.6809480	1.557773	.4531727

#1	.0008022	-.000340	17.16712	.0385655	.0226969	.0975569	59.50347
#2	.0009743	-.000452	17.07554	.0381144	.0228352	.0945642	59.07782
#3	.0007328	-.000275	17.05006	.0384161	.0230074	.0961091	59.00778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.127323	11.80836	.0599279	-.000279	1.034959	.0604983	.1535814
Stddev	.001947	.08215	.0004833	.000091	.037865	.0005399	.0008439
%RSD	.1727309	.6957175	.8065174	32.74348	3.658616	.8924443	.5494624

#1	1.129571	11.89952	.0596914	-.000344	1.039636	.0605328	.1544788
#2	1.126228	11.78553	.0604839	-.000174	1.070268	.0599419	.1528038
#3	1.126169	11.74004	.0596083	-.000317	.994972	.0610201	.1534617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.192927	.1744368	-.153136	.0009735	.7592599	1.917418	.0016113
Stddev	.035724	.0012030	.001732	.0001575	.0025076	.022430	.0010752
%RSD	1.629056	.6896545	1.131081	16.17407	.3302636	1.169818	66.73102

#1	2.220263	.1758233	-.152545	.0008271	.7621340	1.938249	.0023745
#2	2.206013	.1738178	-.155086	.0009533	.7581276	1.920333	.0020778
#3	2.152505	.1736693	-.151776	.0011401	.7575183	1.893673	.0003816

Sample Name: I4409-03LREX5 Acquired: 8/4/2017 19:12:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7721282	.0015923	.0097942
Stddev	.0021918	.0000205	.0000684
%RSD	.2838583	1.290174	.6985374

#1	.7741273	.0015756	.0098729
#2	.7724725	.0015860	.0097610
#3	.7697846	.0016152	.0097488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.2408	2054.861	38340.27	10681.40	3140.162
Stddev	9.8222	12.865	225.91	24.38	16.361
%RSD	.9879072	.6260565	.5892131	.2282354	.5210142

#1	1001.343	2040.176	38404.82	10653.41	3122.007
#2	998.348	2060.265	38526.88	10692.79	3144.715
#3	983.032	2064.142	38089.12	10697.99	3153.763

Sample Name: CCV084 Acquired: 8/4/2017 19:16:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873076	4.698020	23.85554	4.644041	4.969491	403.6476
Stddev	.068804	.047664	.19805	.050043	.055698	1.3522
%RSD	1.411928	1.014553	.8302089	1.077565	1.120794	.3349913

#1	4.927955	4.722146	23.93487	4.685403	5.015677	405.0926
#2	4.895388	4.728796	24.00163	4.658305	4.985157	402.4129
#3	4.795884	4.643116	23.63012	4.588416	4.907637	403.4372

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05525	.5033186	2.394410	395.1990	15.14087	2.423703
Stddev	.12851	.0029281	.017602	.0989	.02911	.015177
%RSD	1.278060	.5817617	.7351168	.0250166	.1922345	.6262057

#1	10.19163	.5066320	2.399821	395.0882	15.16722	2.429485
#2	10.03770	.5022454	2.408670	395.2308	15.10963	2.435140
#3	9.93641	.5010786	2.374738	395.2781	15.14577	2.406485

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56366	395.5492	14.63814	400.5808	2.401073	1.254698
Stddev	.07756	.6263	.00527	.8179	.016955	.005371
%RSD	.4983143	.1583251	.0359765	.2041867	.7061254	.4280972

#1	15.56199	396.0767	14.63312	400.7196	2.409145	1.254064
#2	15.48695	394.8571	14.63769	399.7024	2.412482	1.249671
#3	15.64203	395.7137	14.64362	401.3205	2.381590	1.260358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.6954	2.498426	13.72808	154.5273	5.248486	F 4.163789
Stddev	1.2670	.008398	.14784	.7686	.048776	.015099
%RSD	.3123073	.3361288	1.076943	.4973880	.9293368	.3626280

#1	405.0943	2.495176	13.64340	154.6884	5.279610	4.179615
#2	404.8408	2.492140	13.64204	153.6909	5.273577	4.162210
#3	407.1511	2.507964	13.89879	155.2025	5.192272	4.149541

Sample Name: CCV084 Acquired: 8/4/2017 19:16:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808162	4.795307	4.971022	4.853670	5.020486	5.189489
Stddev	.048225	.034200	.014274	.035986	.014663	.067655
%RSD	1.002984	.7131958	.2871449	.7414216	.2920594	1.303689

#1	4.843179	4.824978	4.987332	4.877232	5.009423	5.144005
#2	4.828150	4.803041	4.960808	4.871531	5.014917	5.267236
#3	4.753156	4.757903	4.964925	4.812248	5.037117	5.157226

Elem	Sr4077
Units	ppm
Avg	4.692615
Stddev	.016333
%RSD	.3480651

#1	4.710627
#2	4.678767
#3	4.688450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	785.1846	1649.096	31672.45	9582.668	2143.626
Stddev	8.0100	13.801	125.41	25.974	12.507
%RSD	1.020141	.8368651	.3959568	.2710484	.5834650

#1	787.4267	1639.270	31658.46	9552.719	2137.336
#2	791.8347	1643.144	31804.27	9596.258	2135.511
#3	776.2925	1664.874	31554.62	9599.027	2158.029

Sample Name: CCB084 Acquired: 8/4/2017 19:20:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000284	.0000675	-.000753	-.002541	.0009242	-.001440	.0005333
Stddev	.000654	.0005854	.000734	.001634	.0010795	.001715	.0001944
%RSD	229.9092	866.9629	97.48696	64.30260	116.8037	119.1085	36.44977

#1	-.000335	-.000483	-.000842	-.001991	.0017830	-.000016	.0007557
#2	.000393	.000003	.000022	-.004379	.0012773	-.003344	.0003962
#3	-.000911	.000682	-.001437	-.001253	-.000288	-.000961	.0004479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	-.000000	-.005032	-.000383	-.000077	.0008119	.0030275
Stddev	.000042	.000033	.002805	.000067	.000325	.0006594	.0021897
%RSD	42.45817	11056.81	55.74626	17.53541	421.1592	81.21440	72.32722

#1	-.000141	.000002	-.004937	-.000330	-.000053	.0014782	.0055380
#2	-.000103	-.000034	-.007883	-.000459	.000235	.0007980	.0020326
#3	-.000056	.000031	-.002275	-.000361	-.000413	.0001596	.0015118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002115	-.012275	.0000229	-.000230	.0249540	.0007141	.0018426
Stddev	.0002577	.008184	.0001320	.000418	.0299455	.0015158	.0020752
%RSD	121.8771	66.67392	576.7106	182.1798	120.0029	212.2817	112.6223

#1	.0004267	-.008726	-.000064	-.000492	.0024280	-.001003	.0030532
#2	.0002818	-.021635	.000175	-.000450	.0134976	.001867	-.000554
#3	-.000074	-.006464	-.000042	.000253	.0589362	.001278	.003028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153103	.0001222	-.000788	.0005259	.0012130	-.001536	.0004604
Stddev	.026751	.0000944	.000388	.0002407	.0018335	.000879	.0008339
%RSD	17.47252	77.18089	49.27716	45.77043	151.1559	57.23459	181.1199

#1	-.183030	.0000602	-.001123	.0007348	.0016388	-.001202	.0002144
#2	-.131514	.0000757	-.000363	.0005804	-.000796	-.002534	.0013897
#3	-.144766	.0002308	-.000877	.0002626	.002796	-.000873	-.000223

Sample Name: CCB084 Acquired: 8/4/2017 19:20:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v106) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000081	-.000014	.0000887
Stddev	.000288	.000022	.0000032
%RSD	355.4827	163.6372	3.581621

#1	-.000147	.000010	.0000909
#2	.000235	-.000017	.0000851
#3	-.000331	-.000034	.0000902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1025.157	2088.799	39407.80	10646.88	3426.078
Stddev	31.966	11.831	1032.25	214.24	8.969
%RSD	3.118129	.5663968	2.619396	2.012258	.2617846

#1	1056.636	2075.406	40458.09	10891.95	3417.029
#2	1026.111	2093.162	39370.73	10495.09	3434.965
#3	992.726	2097.828	38394.59	10553.59	3426.239