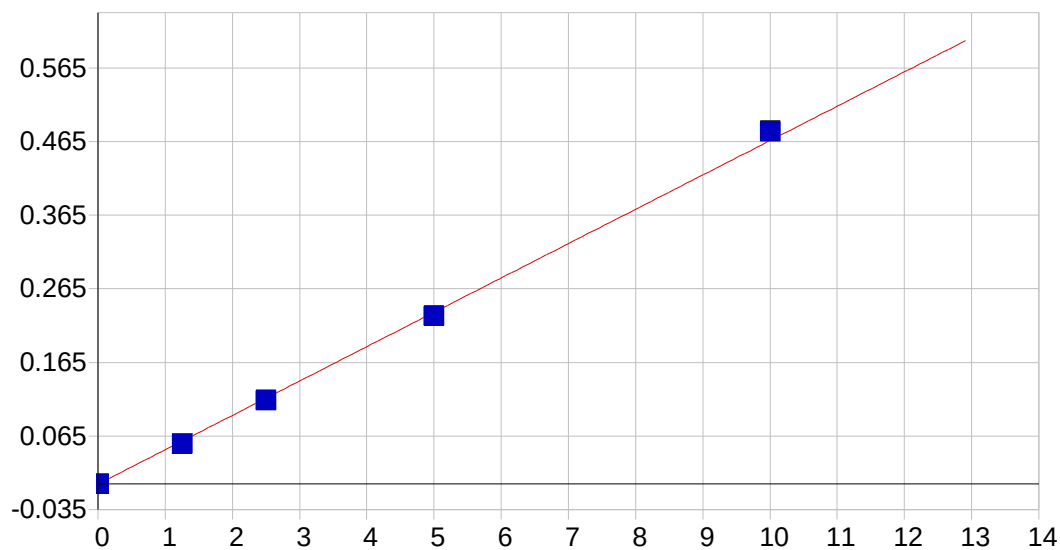




As 189.042 {479}

Date of Fit: 10/11/2017 10:46:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000273

Re-Slope: 1.000000

A1 (Gain): 0.046656

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999597

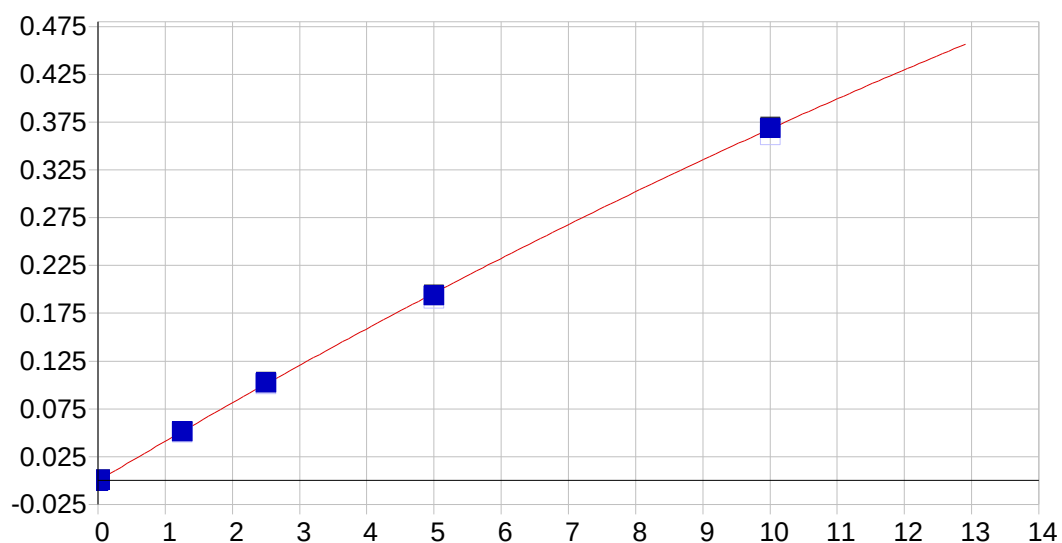
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.004751

Predicted MQL: 0.015835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00973	.000	-2.71	.00018	.000	1
S2	1.2500	1.1734	-.077	-6.13	.05456	.000	1
S3	2.5000	2.4383	-.062	-2.47	.11366	.001	1
S4	5.0000	4.8863	-.114	-2.27	.22805	.001	1
S5	10.000	10.252	.252	2.52	.47875	.001	1

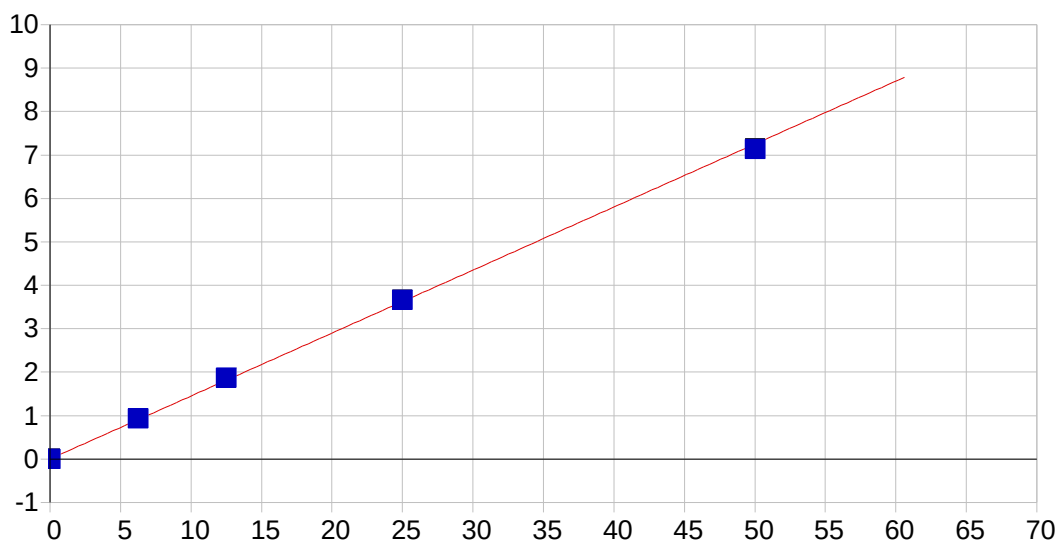


TI 190.856 {477}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.041730 Y-int: 0.000000
 A2 (Curvature): -0.000492
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002780
 Predicted MQL: 0.009268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02500	.02798	.003	11.9	.00086	.000	1
S2	1.2500	1.2502	.000	.015	.05024	.000	1
S3	2.5000	2.5349	.035	1.39	.10051	.000	1
S4	5.0000	4.9376	-.062	-1.25	.19005	.001	1
S5	10.000	10.025	.025	.253	.36114	.001	1

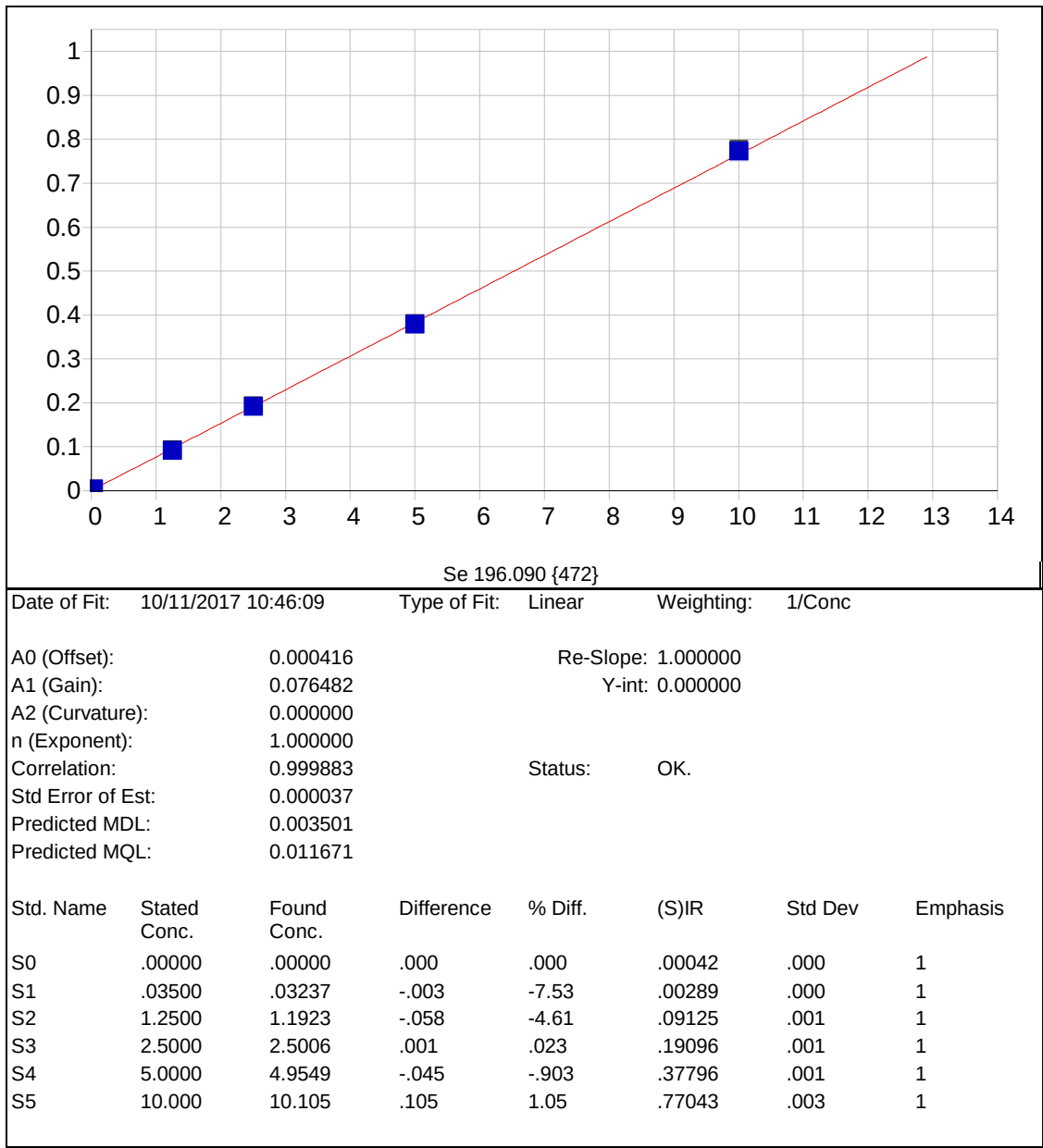


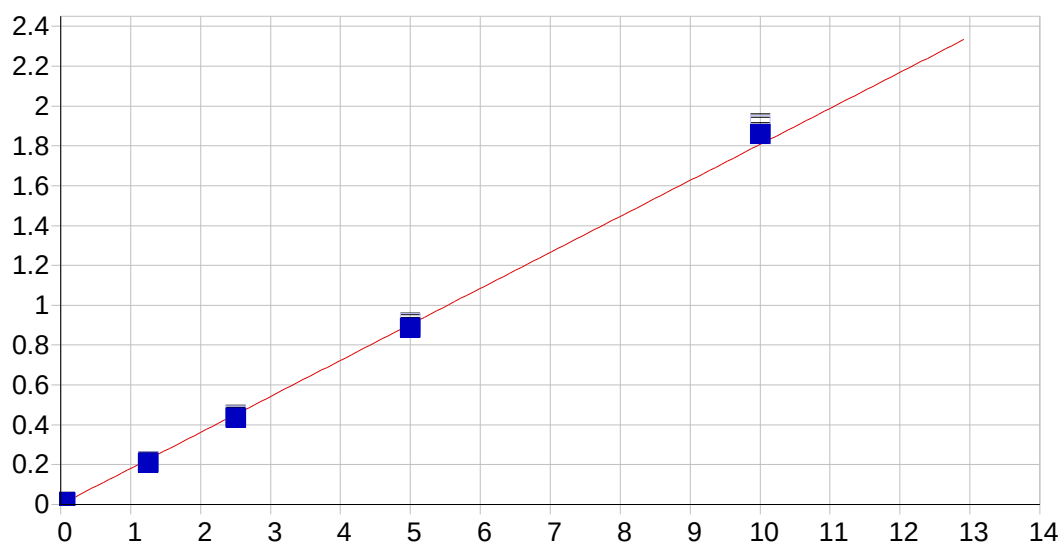
Pb 220.353 {453}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.145046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001853
 Predicted MQL: 0.006178

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01000	.01124	.001	12.4	.00149	.000	1
S2	6.2500	6.4360	.186	2.98	.93364	.003	1
S3	12.500	12.912	.412	3.29	1.8732	.001	1
S4	25.000	25.197	.197	.788	3.6556	.001	1
S5	50.000	49.204	-.796	-1.59	7.1389	.010	1



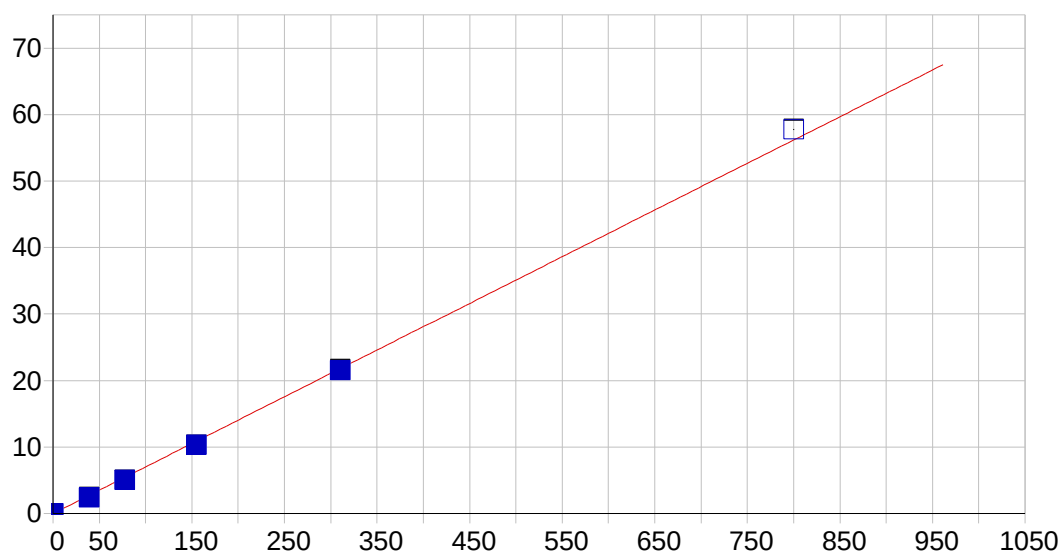


Sb 206.833 {463}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.180737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999463 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.001590
 Predicted MQL: 0.005300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00027	.000	1
S1	.06000	.05787	-.002	-3.56	.01072	.000	1
S2	1.2500	1.1518	-.098	-7.86	.21387	.001	1
S3	2.5000	2.4117	-.088	-3.53	.44701	.001	1
S4	5.0000	4.9005	-.099	-1.99	.90769	.004	1
S5	10.000	10.288	.288	2.88	1.9031	.007	1

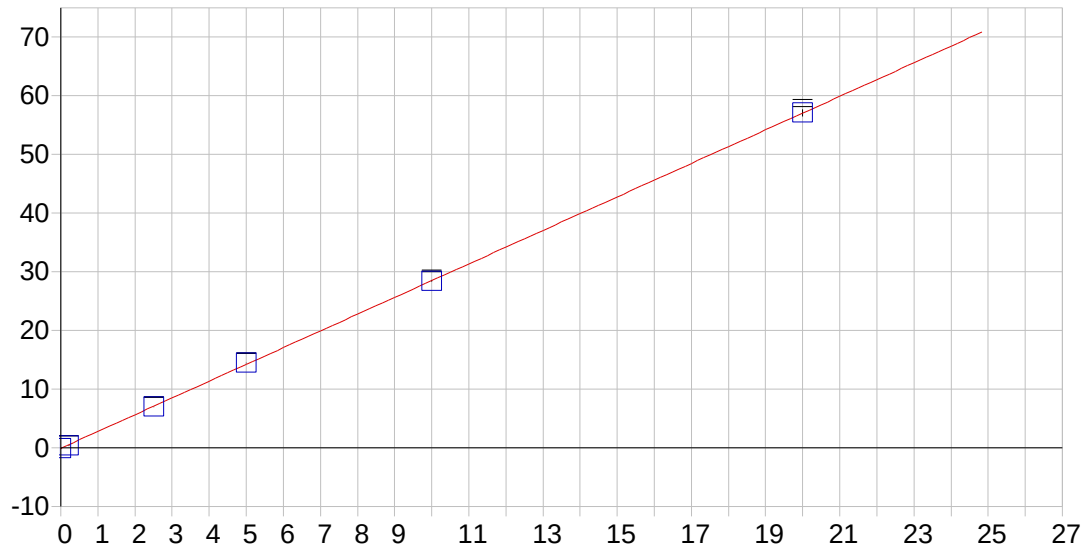


AI 396.152 { 85}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000800 Re-Slope: 1.000000
 A1 (Gain): 0.070215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999249 Status: OK.
 Std Error of Est: 0.001693
 Predicted MDL: 0.004362
 Predicted MQL: 0.014541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00080	.000	1
S1	.20000	.18226	-.018	-8.87	.01362	.000	1
S2	38.750	34.551	-4.20	-10.8	2.4301	.007	1
S3	77.500	71.207	-6.29	-8.12	5.0071	.016	1
S4	155.00	146.54	-8.46	-5.46	10.303	.039	1
S5	310.00	306.81	-3.19	-1.03	21.569	.122	1
S6	800.00	822.19	22.2	2.77	57.731	.079	1

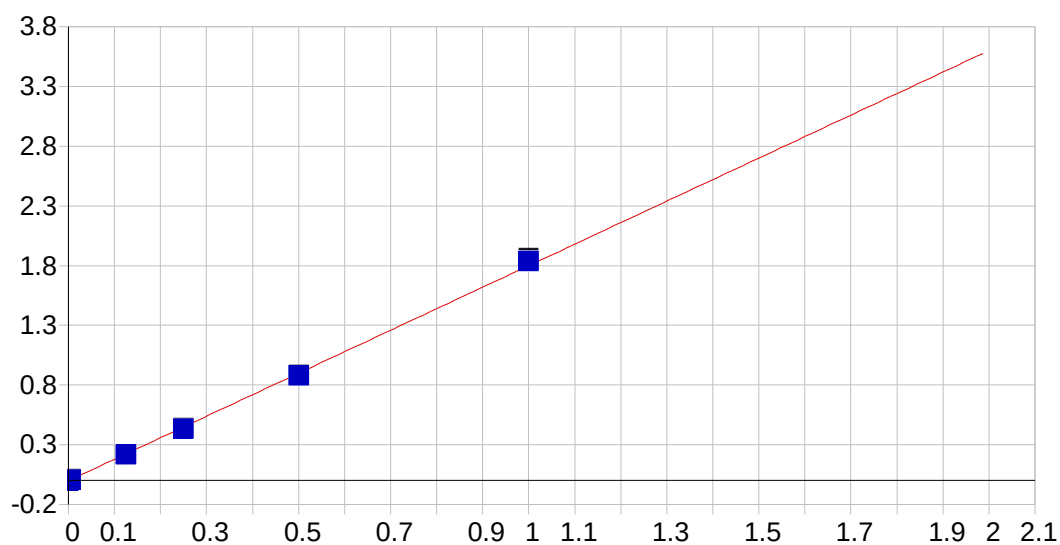


Ba 493.409 { 68}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.064878 Re-Slope: 1.000000
 A1 (Gain): 2.856120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.006215
 Predicted MDL: 0.000414
 Predicted MQL: 0.001381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.06473	.001	1
S1	.20000	.14748	-.053	-26.3	.35634	.002	1
S2	2.5000	2.4672	-.033	-1.31	6.9816	.036	1
S3	5.0000	5.0868	.087	1.74	14.464	.035	1
S4	10.000	9.9796	-.020	-.204	28.438	.135	1
S5	20.000	20.019	.019	.095	57.112	.608	1



Be 234.861 {144}

Date of Fit: 10/11/2017 10:46:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001225

Re-Slope: 1.000000

A1 (Gain): 1.800579

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999696

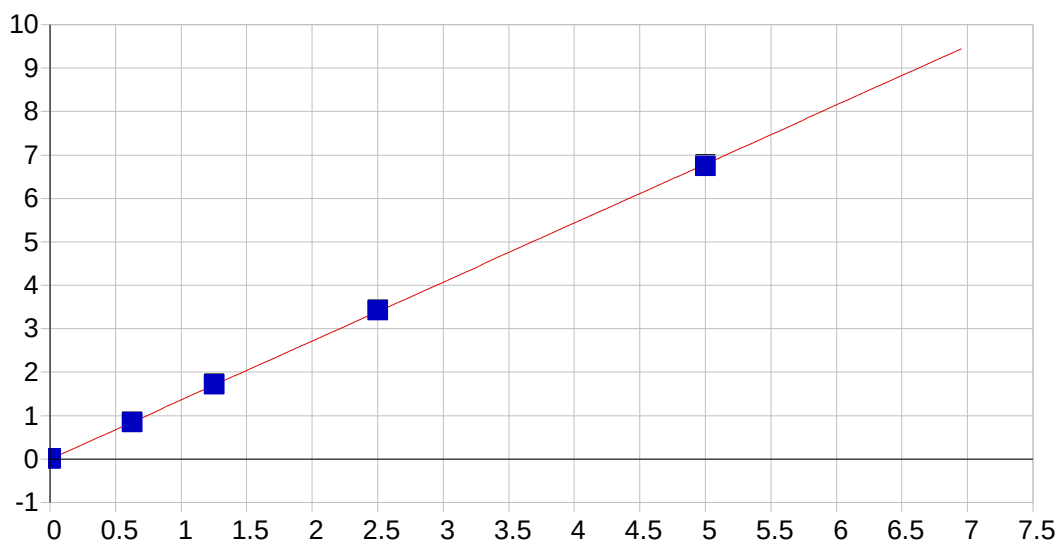
Status: OK.

Std Error of Est: 0.000166

Predicted MDL: 0.000102

Predicted MQL: 0.000339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00123	.000	1
S1	.00500	.00565	.001	13.0	.00894	.000	1
S2	.12500	.12207	-.003	-2.34	.21782	.001	1
S3	.25000	.24154	-.008	-3.39	.43217	.005	1
S4	.50000	.48919	-.011	-2.16	.87657	.003	1
S5	1.0000	1.0216	.022	2.16	1.8321	.022	1

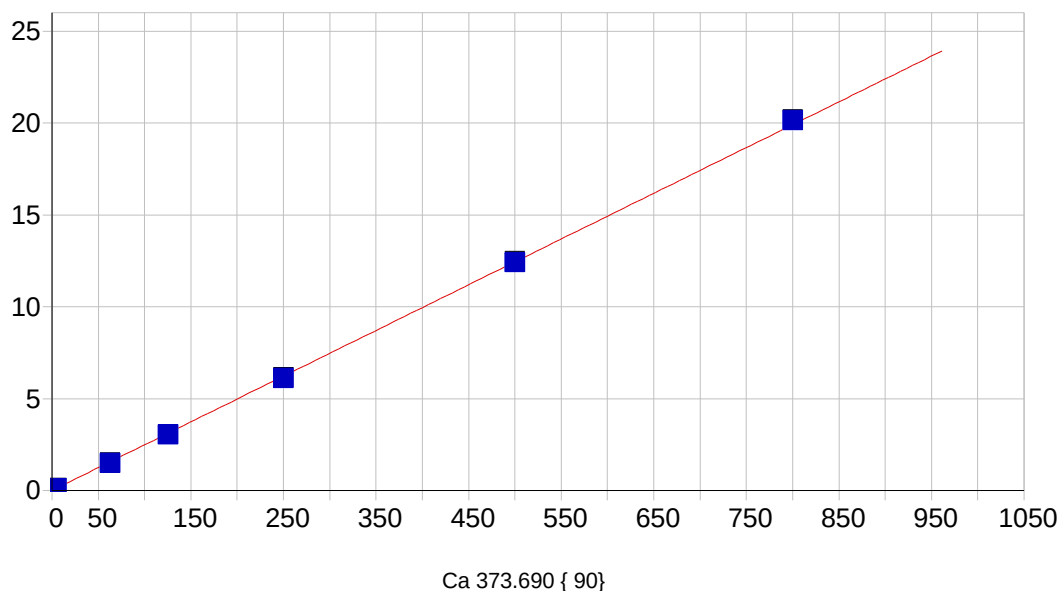


Cd 214.438 {457}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000337 Re-Slope: 1.000000
 A1 (Gain): 1.358266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000144
 Predicted MQL: 0.000480

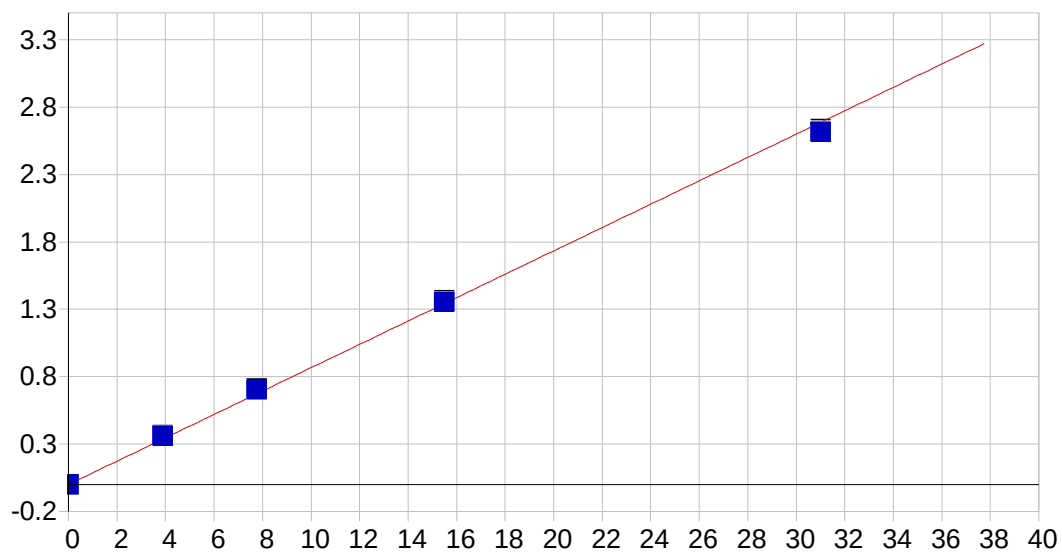
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.00500	.00548	.000	9.56	.00711	.000	1
S2	.62500	.62524	.000	.038	.85089	.002	1
S3	1.2500	1.2647	.015	1.18	1.7215	.007	1
S4	2.5000	2.5209	.021	.837	3.4317	.003	1
S5	5.0000	4.9637	-.036	-.727	6.7576	.020	1



Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001564 Re-Slope: 1.000000
 A1 (Gain): 0.024877 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.001219
 Predicted MDL: 0.011151
 Predicted MQL: 0.037171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	.00157	.000	1
S1	5.0000	4.8884	-.112	-2.23	.12317	.000	1
S2	62.500	60.434	-2.07	-3.31	1.5031	.006	1
S3	125.00	122.23	-2.77	-2.22	3.0385	.004	1
S4	250.00	245.55	-4.45	-1.78	6.1025	.043	1
S5	500.00	499.20	-.802	-.160	12.405	.055	1
S6	800.00	810.21	10.2	1.28	20.117	.033	1

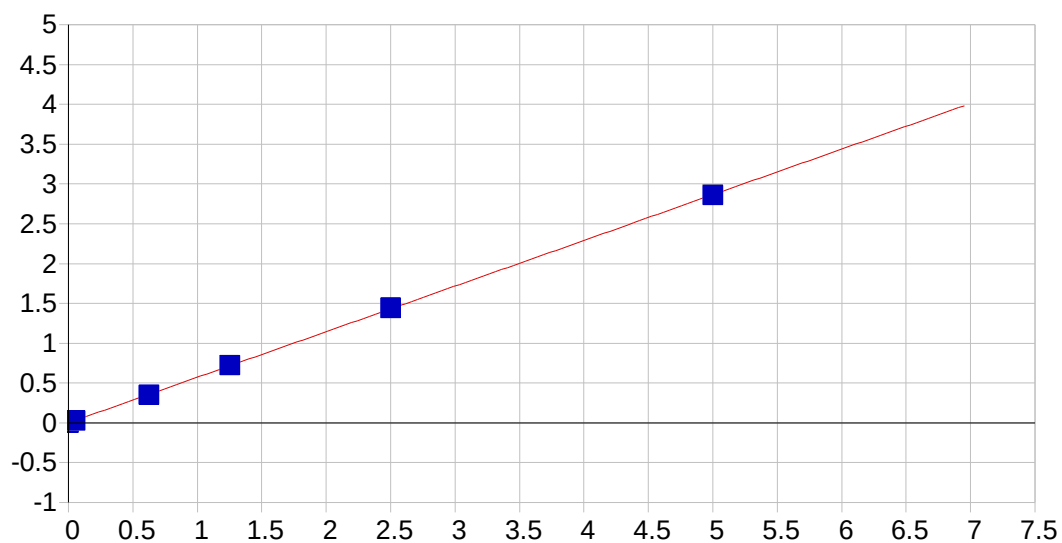


Cr 267.716 {126}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.086672 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999417 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000679
 Predicted MQL: 0.002264

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01169	.002	16.9	.00107	.000	1
S2	3.8750	4.1884	.313	8.09	.36393	.001	1
S3	7.7500	8.1408	.391	5.04	.70736	.004	1
S4	15.500	15.618	.118	.764	1.3572	.011	1
S5	31.000	30.176	-.824	-2.66	2.6224	.016	1

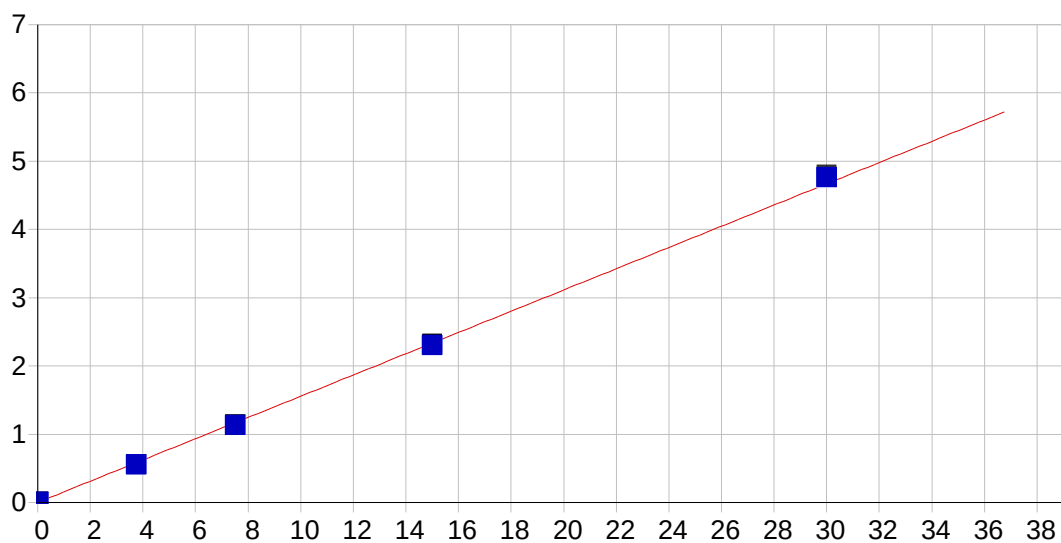


Co 228.616 {448}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000323 Re-Slope: 1.000000
 A1 (Gain): 0.572903 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.000319
 Predicted MQL: 0.001065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.05000	.04893	-.001	-2.14	.02781	.000	1
S2	.62500	.61750	-.008	-1.20	.35419	.001	1
S3	1.2500	1.2568	.007	.541	.72118	.000	1
S4	2.5000	2.5120	.012	.481	1.4418	.001	1
S5	5.0000	4.9898	-.010	-.204	2.8643	.002	1

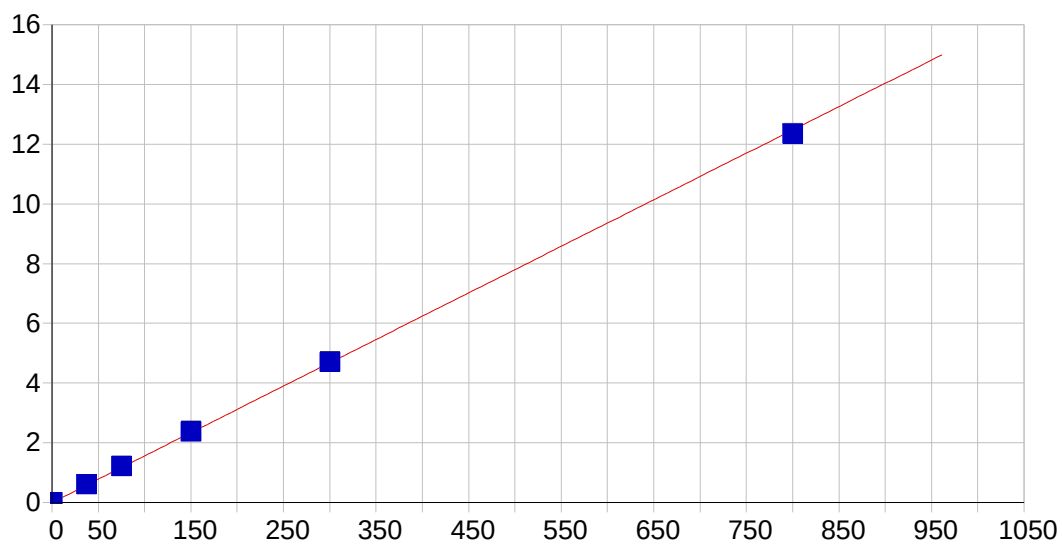


Cu 324.754 {104}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000721 Re-Slope: 1.000000
 A1 (Gain): 0.155622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.001106
 Predicted MQL: 0.003686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.02500	.02476	.000	-.949	.00455	.000	1
S2	3.7500	3.5444	-.206	-5.48	.55064	.001	1
S3	7.5000	7.2964	-.204	-2.72	1.1329	.004	1
S4	15.000	14.809	-.191	-1.27	2.2987	.014	1
S5	30.000	30.600	.600	2.00	4.7495	.034	1

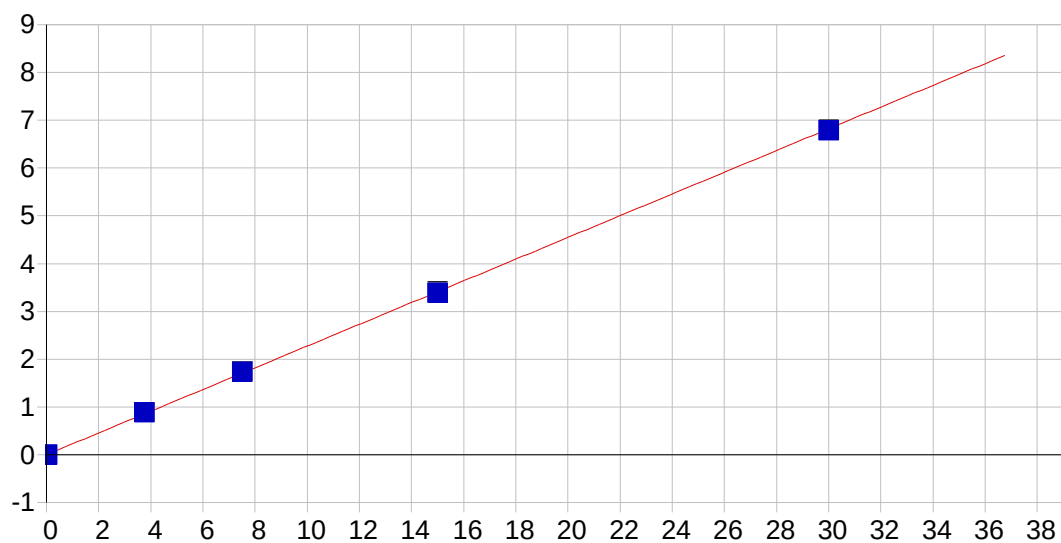


Fe 259.837 {130}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.015595 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.007223
 Predicted MQL: 0.024076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00013	.000	1
S1	.10000	.11061	.011	10.6	.00186	.000	1
S2	37.500	39.270	1.77	4.72	.61323	.002	1
S3	75.000	77.841	2.84	3.79	1.2154	.004	1
S4	150.00	152.39	2.39	1.59	2.3794	.007	1
S5	300.00	301.62	1.62	.541	4.7095	.007	1
S6	800.00	791.36	-8.64	-1.08	12.348	.010	1

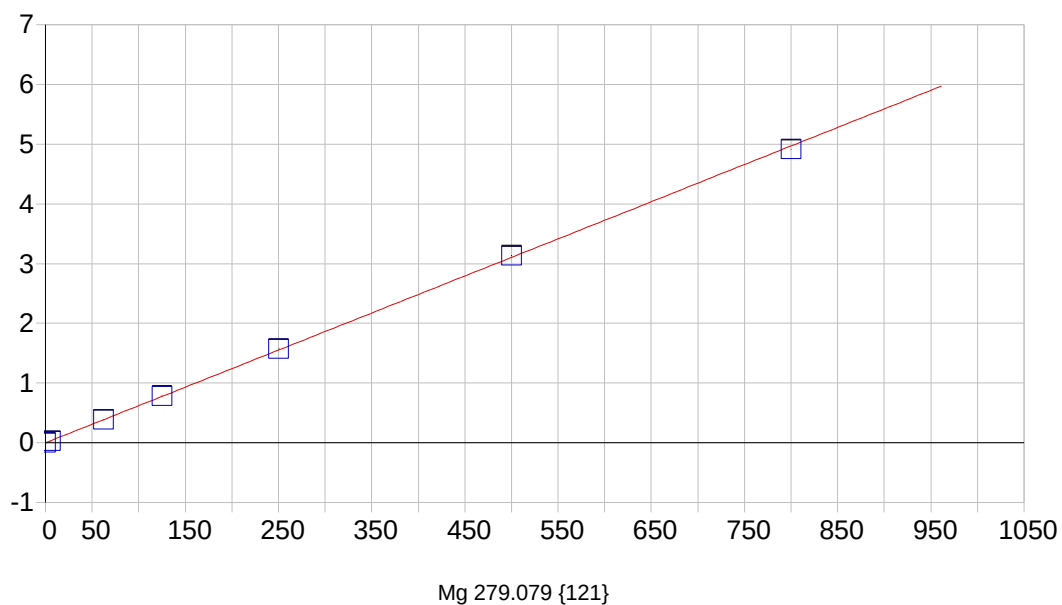


Mn 257.610 {131}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.227383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000493
 Predicted MQL: 0.001644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01500	.01623	.001	8.22	.00366	.000	1
S2	3.7500	3.8753	.125	3.34	.88132	.004	1
S3	7.5000	7.6305	.131	1.74	1.7354	.005	1
S4	15.000	14.901	-.099	-.660	3.3889	.022	1
S5	30.000	29.842	-.158	-.527	6.7870	.005	1



Date of Fit: 10/11/2017 10:46:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000207

Re-Slope: 1.000000

A1 (Gain): 0.006210

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

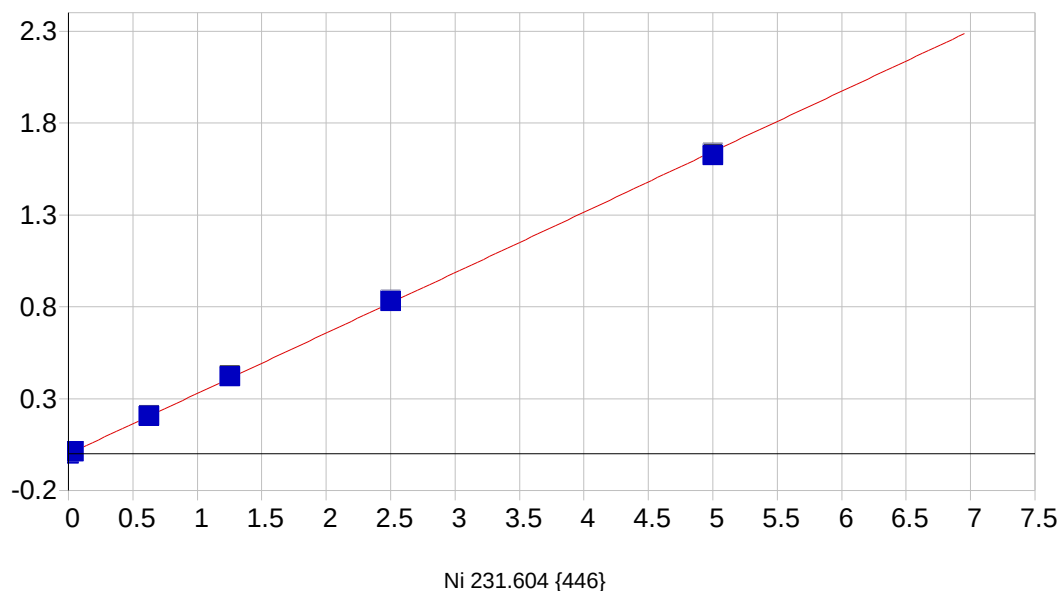
Status: OK.

Std Error of Est: 0.000228

Predicted MDL: 0.020739

Predicted MQL: 0.069129

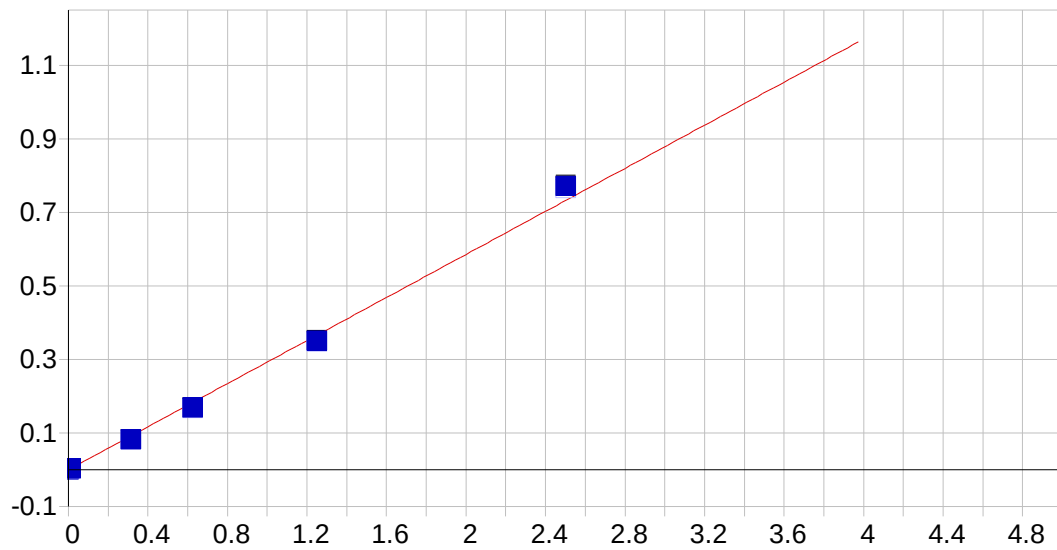
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	-.00021	.000	1
S1	5.0000	4.9853	-.015	-.293	.03075	.000	1
S2	62.500	62.307	-.193	-.309	.38673	.001	1
S3	125.00	126.12	1.12	.895	.78302	.005	1
S4	250.00	253.05	3.05	1.22	1.5713	.001	1
S5	500.00	504.86	4.86	.971	3.1351	.007	1
S6	800.00	791.18	-8.82	-1.10	4.9132	.006	1



Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000593 Re-Slope: 1.000000
 A1 (Gain): 0.328858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.000571
 Predicted MQL: 0.001904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.04000	.04164	.002	4.10	.01312	.000	1
S2	.62500	.62695	.002	.312	.20667	.001	1
S3	1.2500	1.2788	.029	2.30	.42212	.001	1
S4	2.5000	2.5268	.027	1.07	.83469	.002	1
S5	5.0000	4.9408	-.059	-1.18	1.6329	.002	1

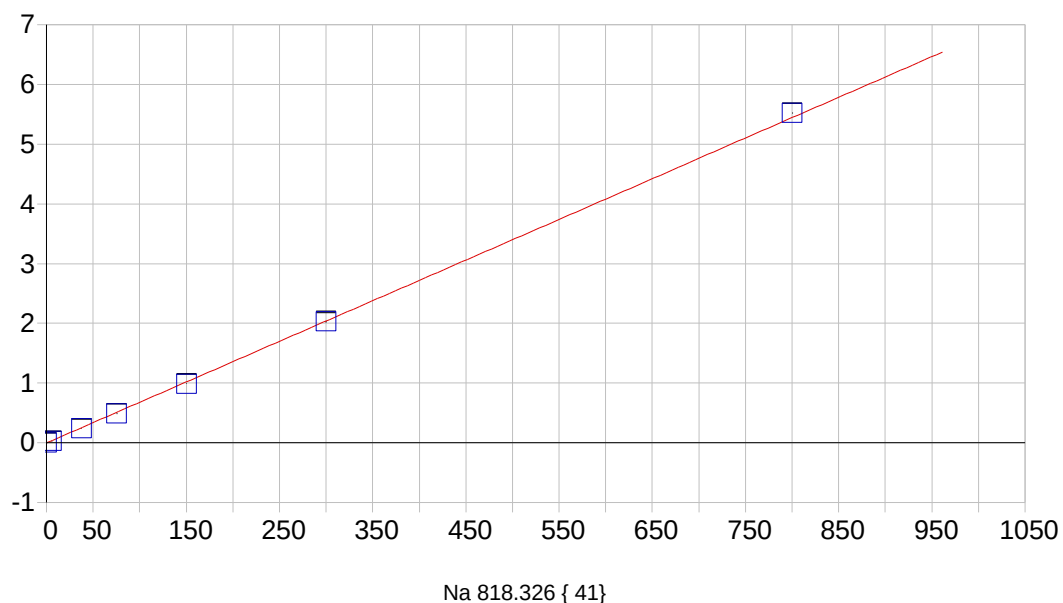


Ag 328.068 {103}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.292742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998219 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000348
 Predicted MQL: 0.001159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.01023	.000	2.28	.00293	.000	1
S2	.31250	.28003	-.032	-10.4	.08129	.000	1
S3	.62500	.57570	-.049	-7.89	.16722	.000	1
S4	1.2500	1.1981	-.052	-4.15	.34817	.002	1
S5	2.5000	2.6335	.133	5.34	.76587	.004	1



Date of Fit: 10/11/2017 10:46:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002701

Re-Slope: 1.000000

A1 (Gain): 0.006806

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999784

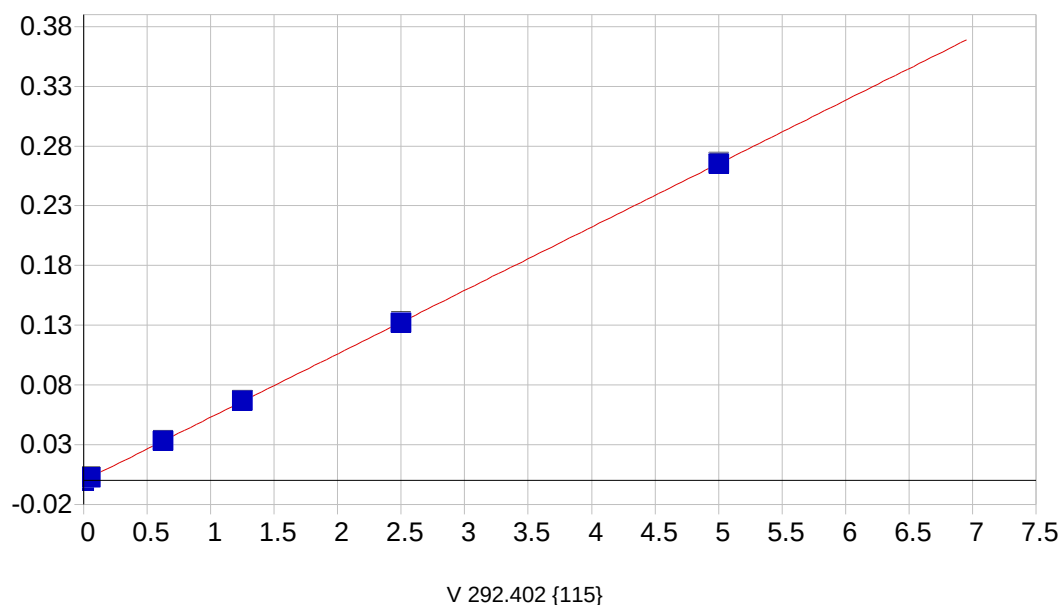
Status: OK.

Std Error of Est: 0.000438

Predicted MDL: 0.097077

Predicted MQL: 0.323589

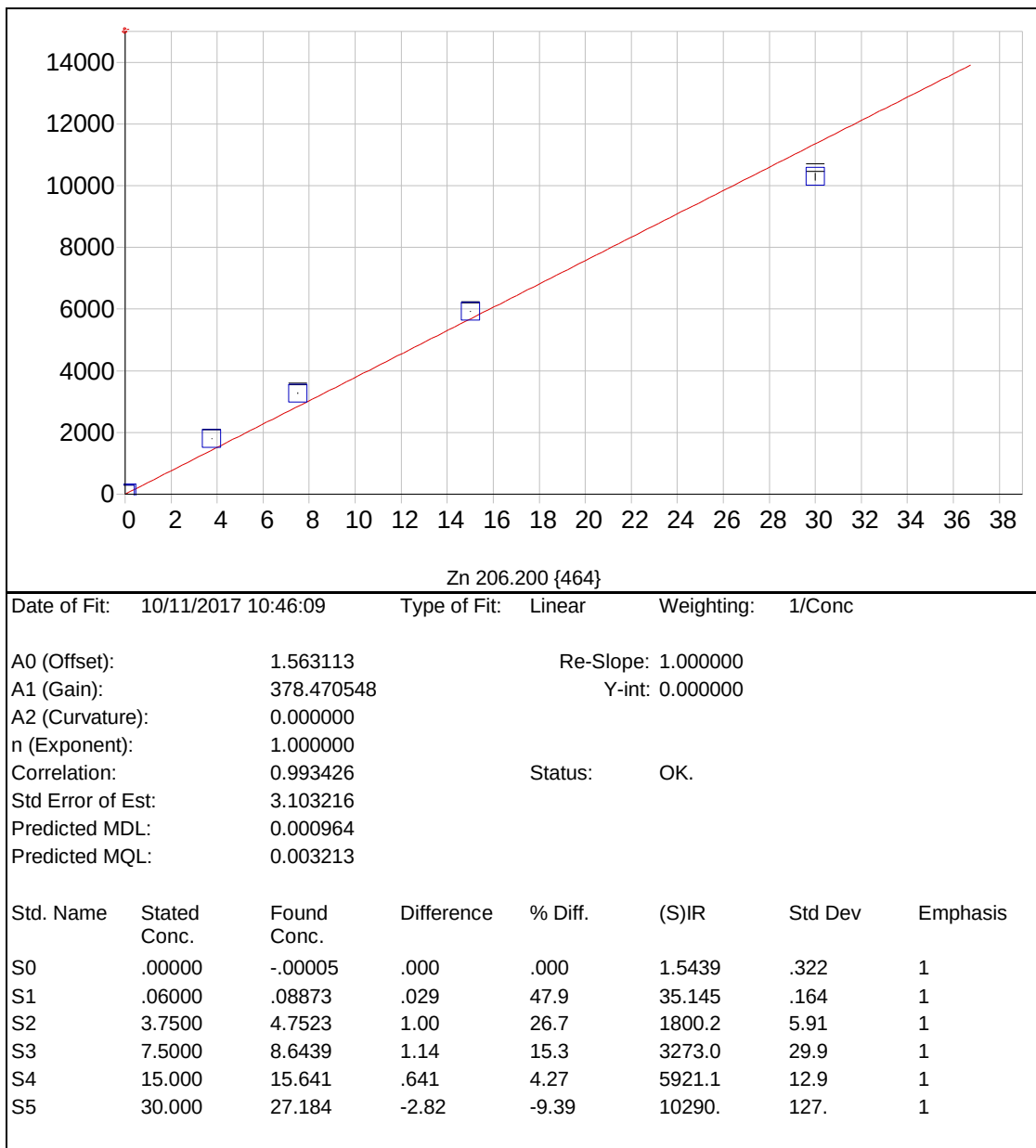
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00095	.001	.000	-.00269	.001	1
S1	5.0000	4.6590	-.341	-6.82	.02901	.001	1
S2	37.500	35.128	-2.37	-6.32	.23638	.001	1
S3	75.000	72.083	-2.92	-3.89	.48790	.002	1
S4	150.00	145.57	-4.43	-2.95	.98807	.004	1
S5	300.00	298.52	-1.48	-.494	2.0290	.015	1
S6	800.00	811.54	11.5	1.44	5.5207	.001	1

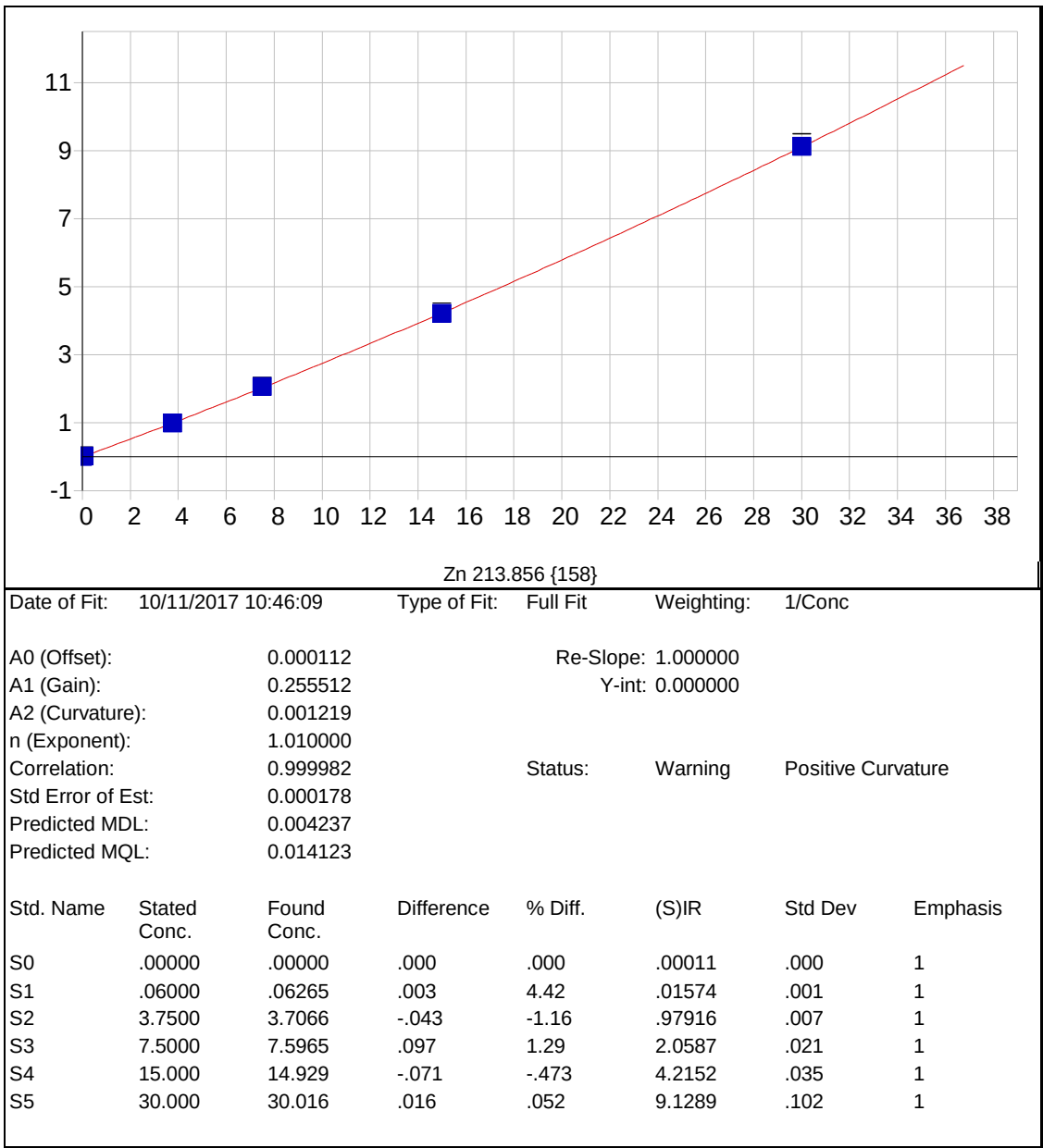


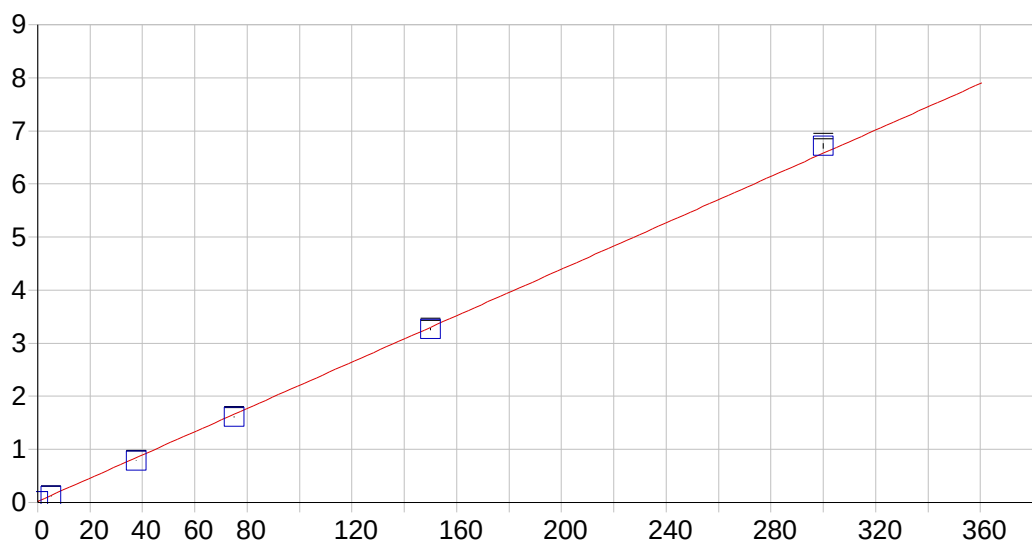
Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.053068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002467
 Predicted MQL: 0.008222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.05000	.05222	.002	4.44	.00267	.000	1
S2	.62500	.62842	.003	.547	.03338	.000	1
S3	1.2500	1.2591	.009	.729	.06699	.000	1
S4	2.5000	2.4903	-.010	-.387	.13260	.001	1
S5	5.0000	4.9949	-.005	-.102	.26606	.000	1





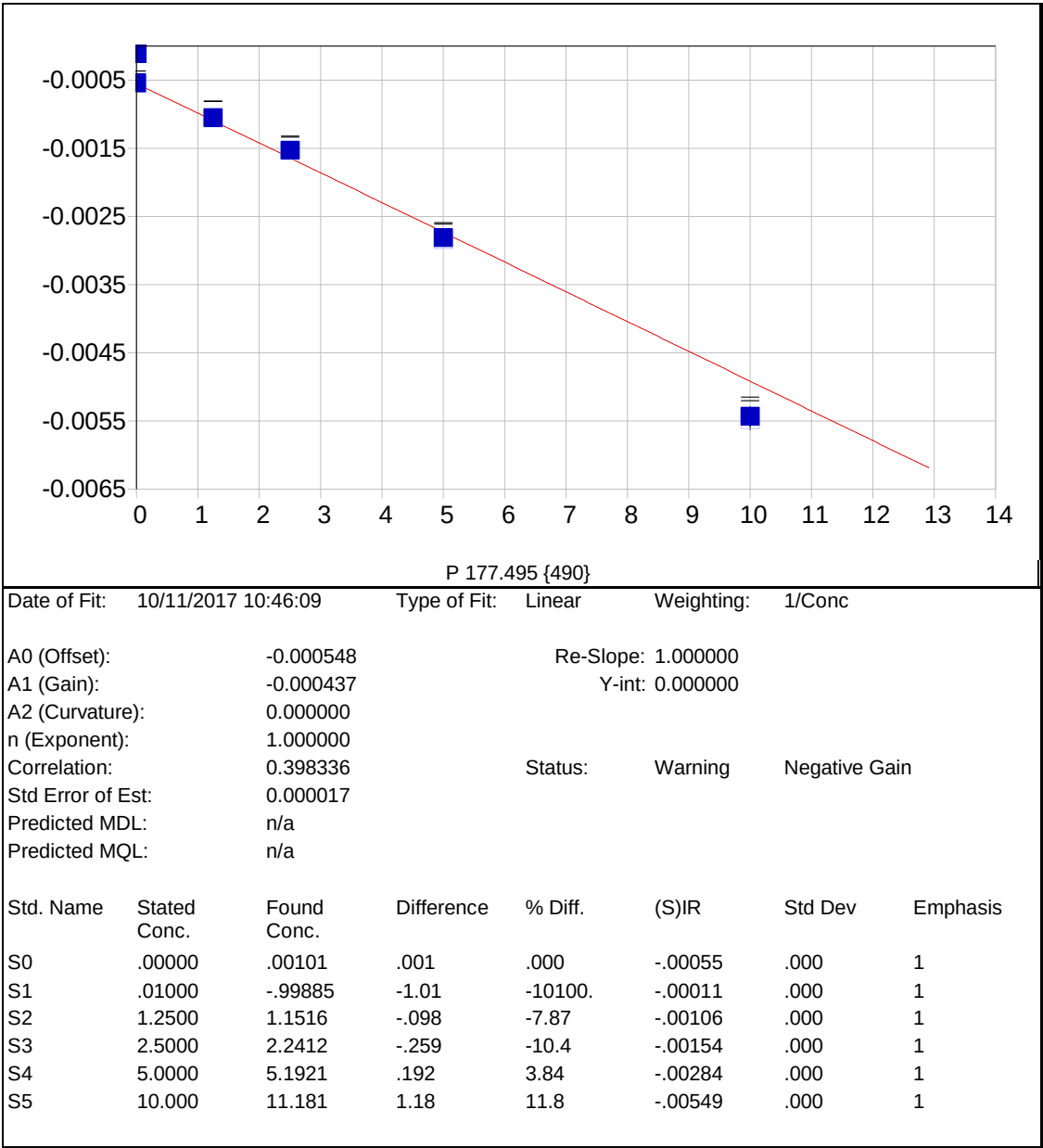


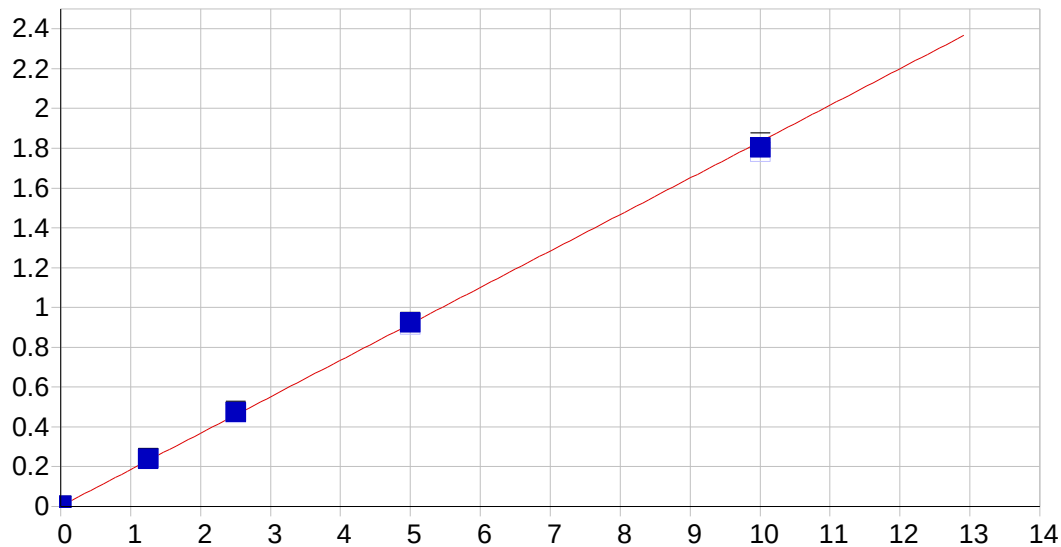
K 769.896 { 44}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022525 Re-Slope: 1.000000
 A1 (Gain): 0.021852 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653 Status: OK.
 Std Error of Est: 0.001187
 Predicted MDL: 0.025332
 Predicted MQL: 0.084442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00078	.001	.000	.02254	.001	1
S1	5.0000	4.6281	-.372	-7.44	.12366	.001	1
S2	37.500	35.087	-2.41	-6.44	.78925	.002	1
S3	75.000	72.827	-2.17	-2.90	1.6140	.008	1
S4	150.00	148.60	-1.40	-.934	3.2697	.020	1
S5	300.00	306.36	6.36	2.12	6.7171	.049	1



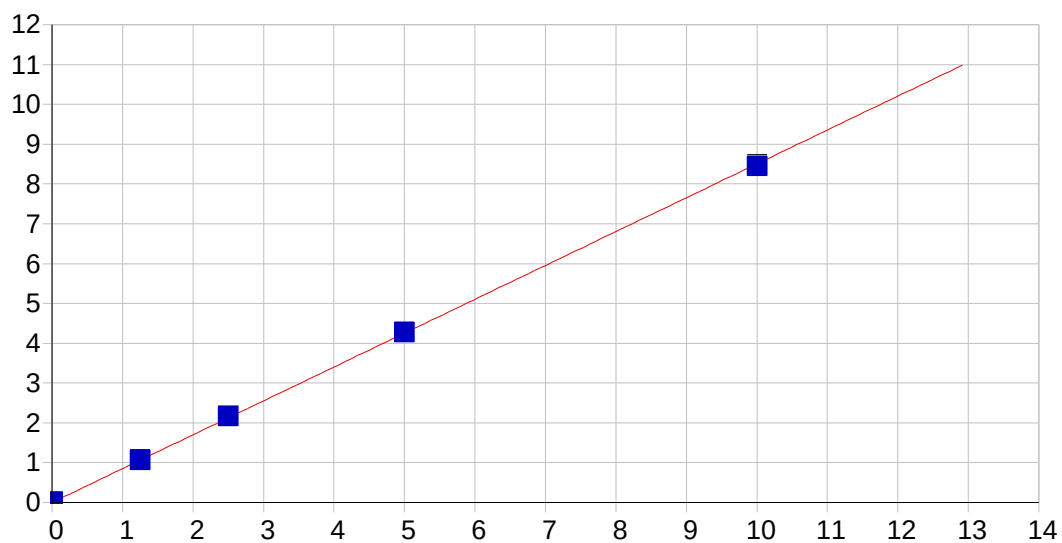


B 249.678 {135}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001949	Re-Slope: 1.000000
A1 (Gain):	0.183128	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999779	Status: OK.
Std Error of Est:	0.000064	
Predicted MDL:	0.001051	
Predicted MQL:	0.003503	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00195	.000	1
S1	.01000	.00908	-.001	-9.24	.00362	.000	1
S2	1.2500	1.3058	.056	4.47	.23822	.001	1
S3	2.5000	2.5794	.079	3.18	.46858	.004	1
S4	5.0000	5.0322	.032	.644	.91202	.003	1
S5	10.000	9.8335	-.167	-1.67	1.7798	.023	1

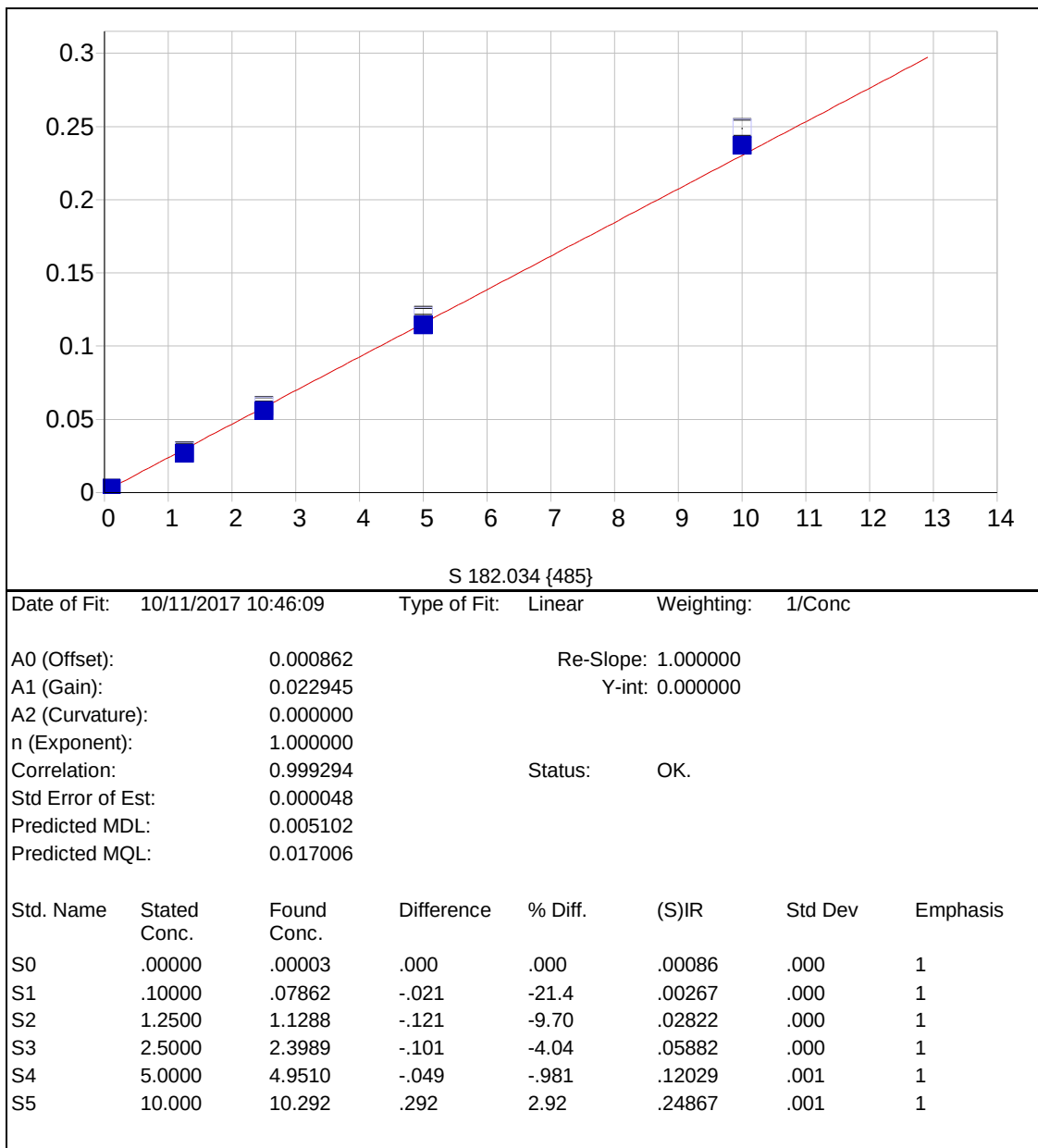


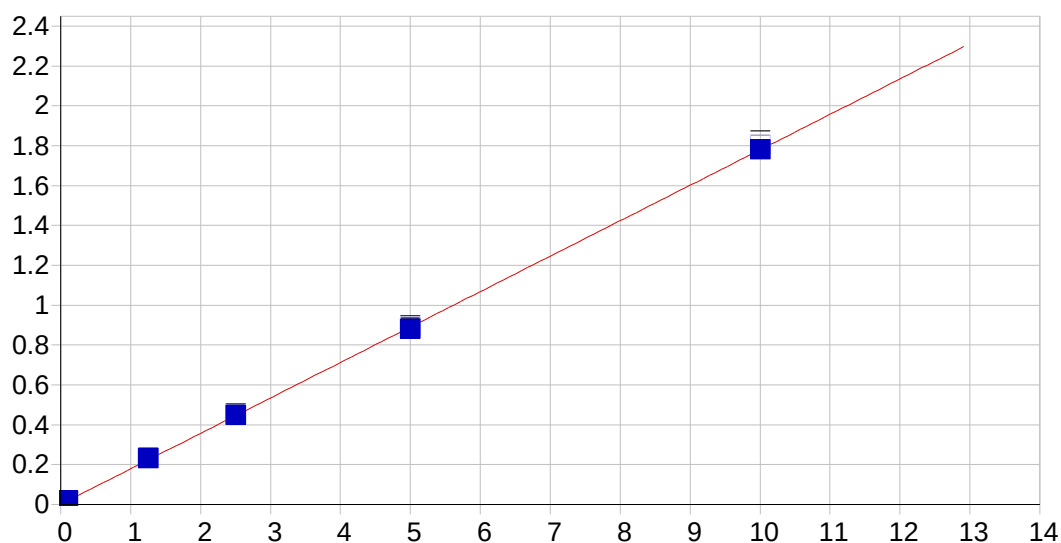
Mo 202.030 {467}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.850473 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000348
 Predicted MQL: 0.001159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01122	.001	12.2	.00969	.000	1
S2	1.2500	1.2530	.003	.239	1.0667	.005	1
S3	2.5000	2.5505	.050	2.02	2.1712	.005	1
S4	5.0000	5.0148	.015	.295	4.2689	.011	1
S5	10.000	9.9306	-.069	-.694	8.4535	.029	1



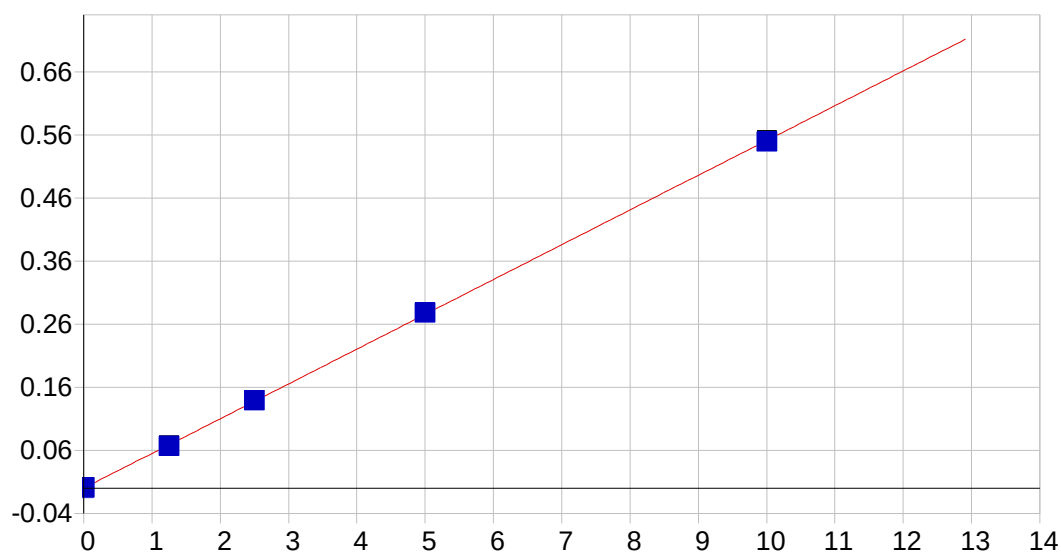


Si 251.611 {134}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001255 Re-Slope: 1.000000
 A1 (Gain): 0.177839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.001131
 Predicted MQL: 0.003770

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00126	.000	1
S1	.10000	.09903	-.001	-.966	.01893	.000	1
S2	1.2500	1.2861	.036	2.89	.23259	.002	1
S3	2.5000	2.5117	.012	.469	.45317	.004	1
S4	5.0000	4.9454	-.055	-1.09	.89121	.006	1
S5	10.000	10.008	.008	.077	1.8020	.022	1

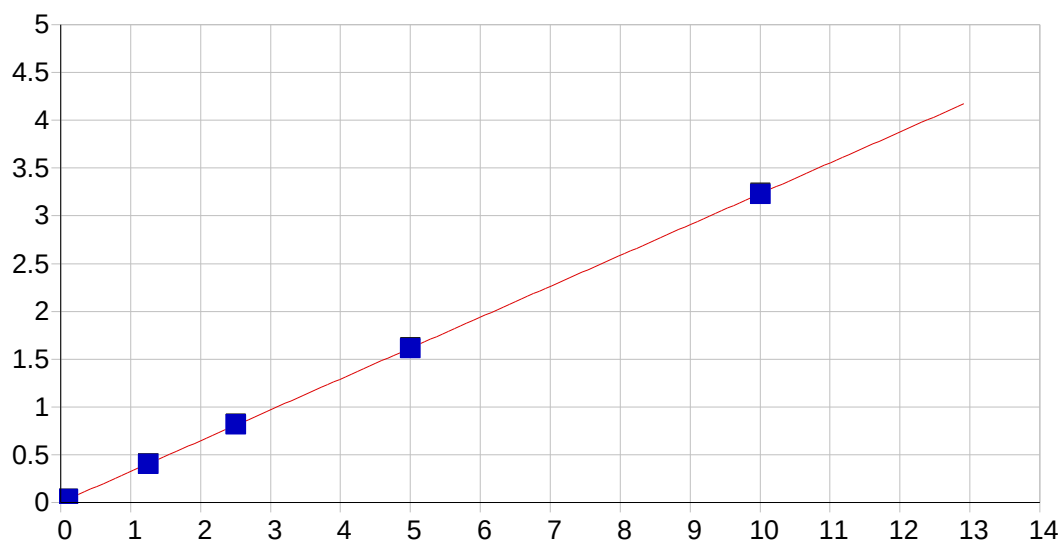


Sn 189.989 {478}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.055100 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001849
 Predicted MQL: 0.006164

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00700	.00788	.001	12.5	.00046	.000	1
S2	1.2500	1.2212	-.029	-2.31	.06726	.000	1
S3	2.5000	2.5213	.021	.854	.13884	.000	1
S4	5.0000	5.0439	.044	.878	.27773	.000	1
S5	10.000	9.9627	-.037	-.373	.54854	.002	1

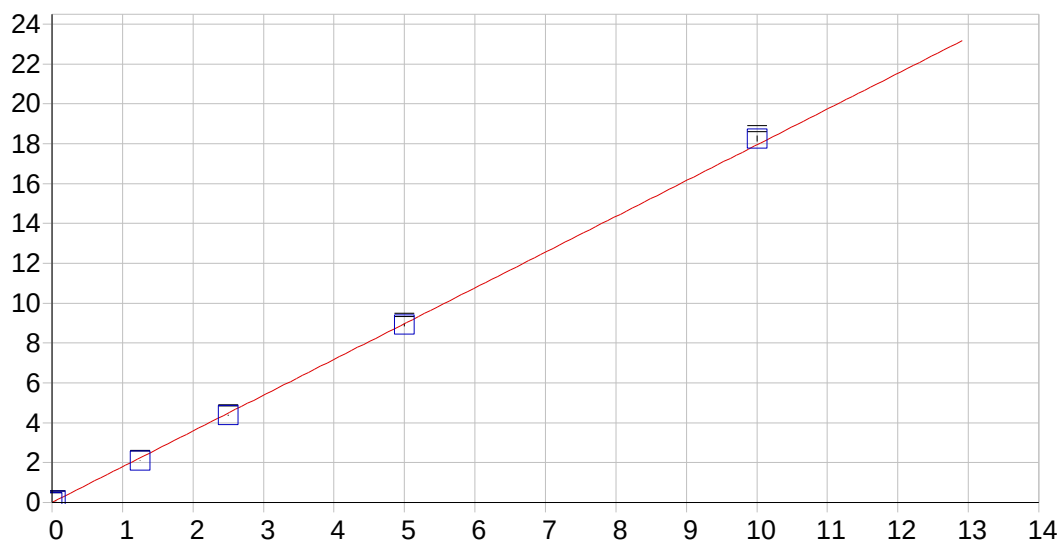


Ti 336.121 {100}

Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000803 Re-Slope: 1.000000
 A1 (Gain): 0.323016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.000668
 Predicted MQL: 0.002227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00080	.000	1
S1	.10000	.10081	.001	.809	.03336	.000	1
S2	1.2500	1.2498	.000	-.013	.40438	.001	1
S3	2.5000	2.5242	.024	.968	.81589	.003	1
S4	5.0000	4.9896	-.010	-.209	1.6120	.004	1
S5	10.000	9.9856	-.014	-.144	3.2252	.010	1

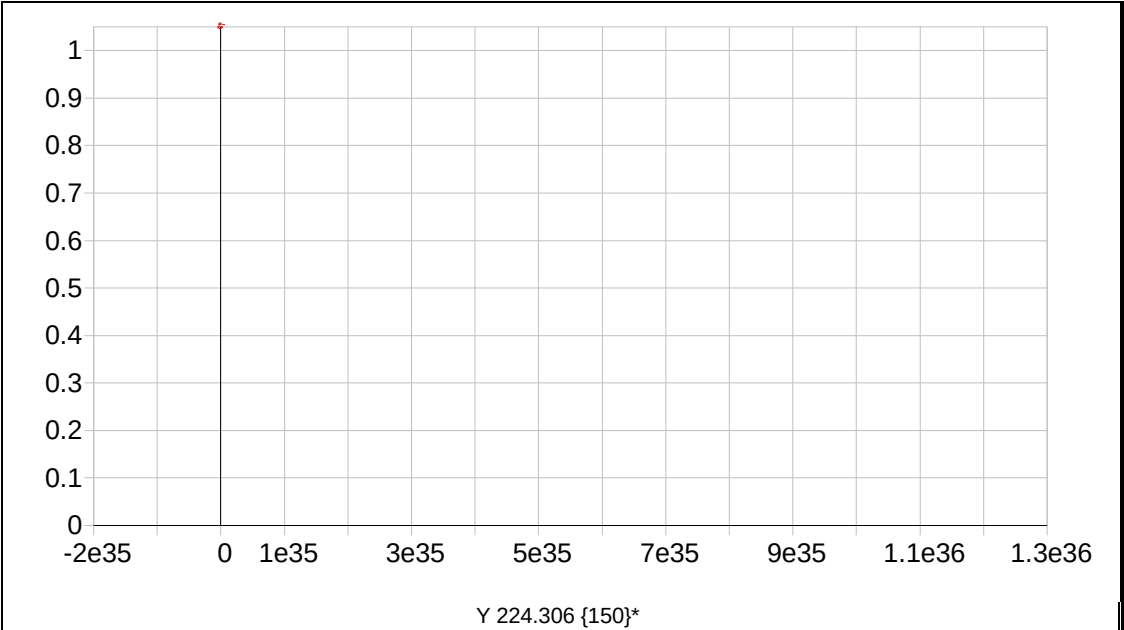


Li 670.784 { 50}

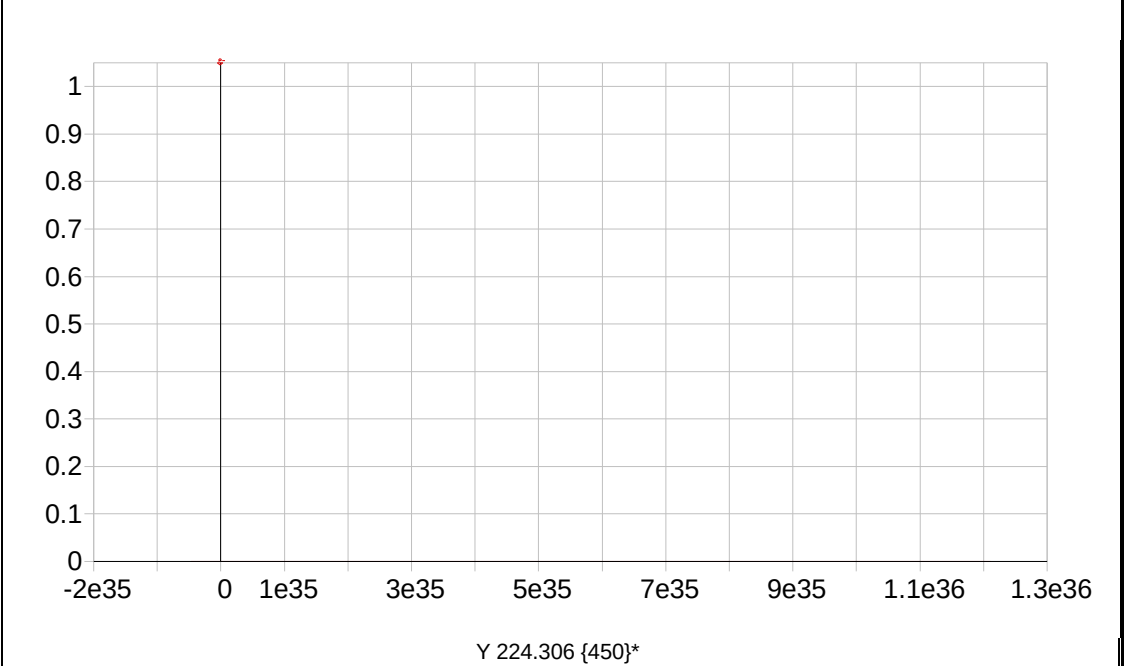
Date of Fit: 10/11/2017 10:46:09 Type of Fit: Linear Weighting: 1/Conc

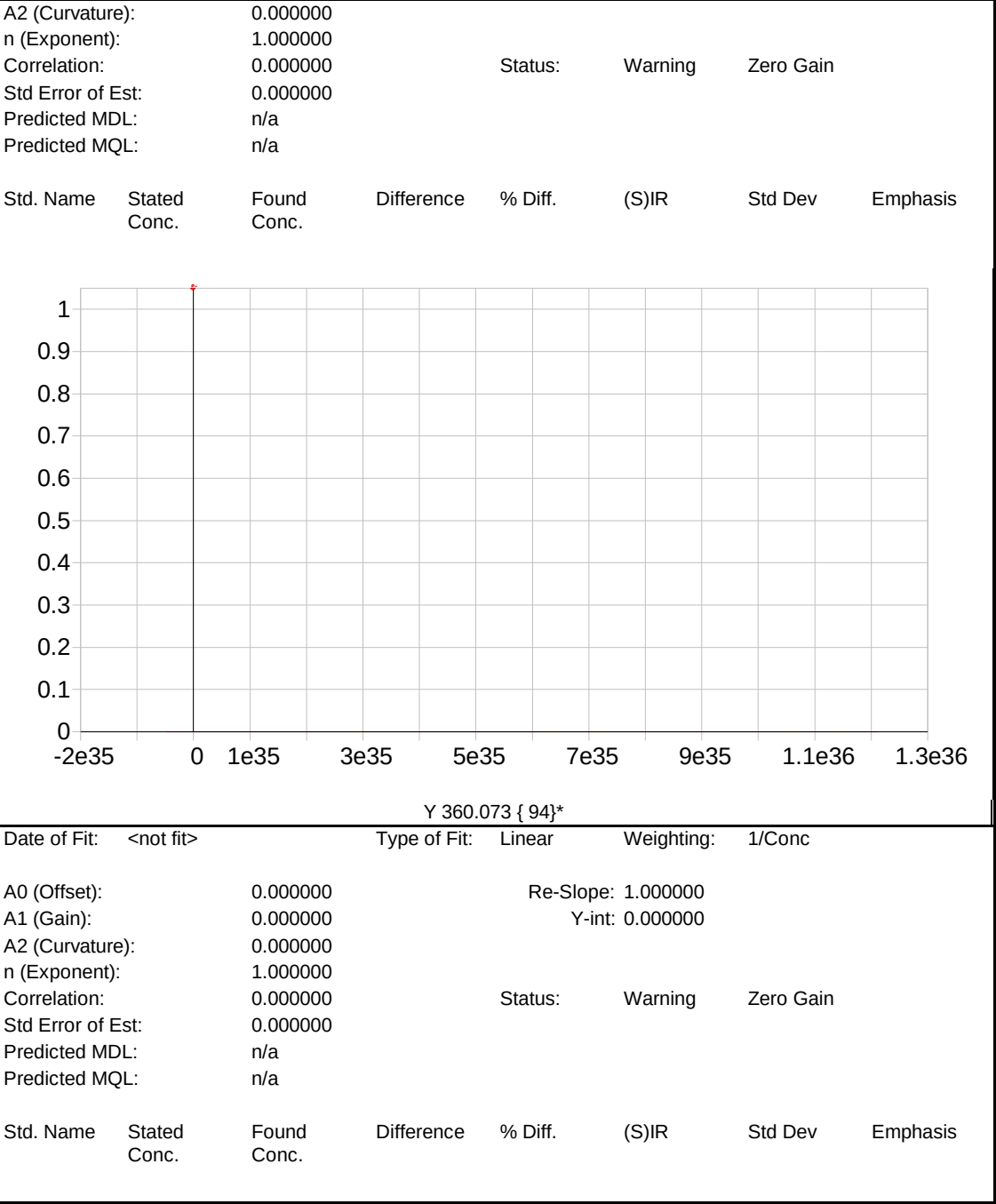
A0 (Offset): 0.001155 Re-Slope: 1.000000
 A1 (Gain): 1.794589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.001547
 Predicted MDL: 0.000412
 Predicted MQL: 0.001373

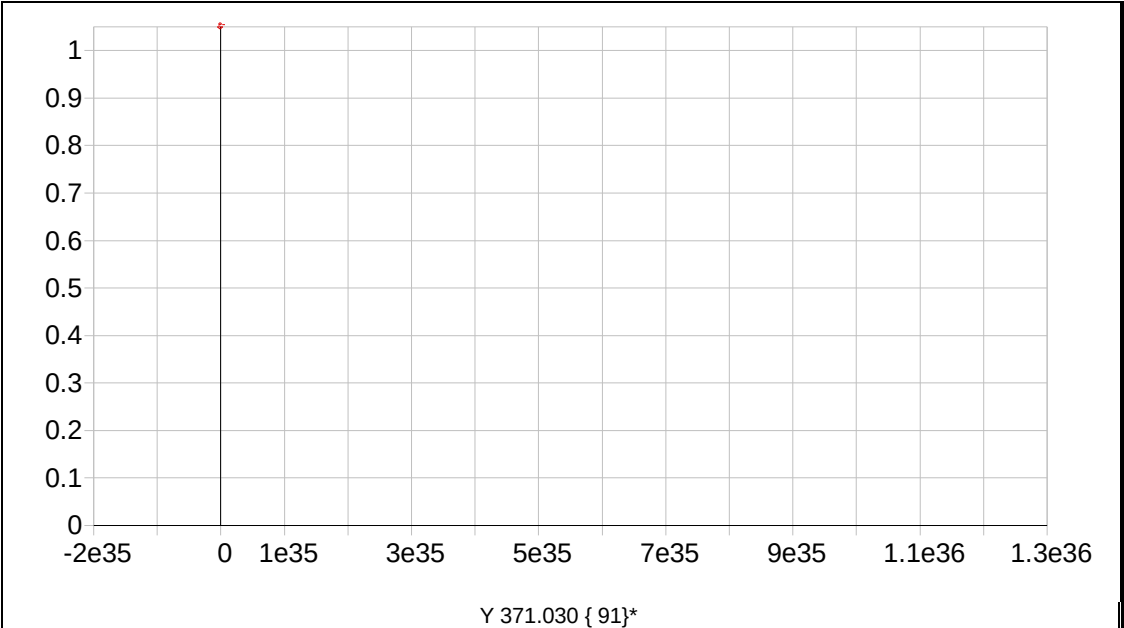
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00117	.000	1
S5	10.000	10.175	.175	1.75	18.261	.157	1
S4	5.0000	4.9700	-.030	-.600	8.9203	.083	1
S3	2.5000	2.4355	-.065	-2.58	4.3719	.026	1
S2	1.2500	1.1723	-.078	-6.22	2.1049	.017	1
S1	.05000	.04700	-.003	-5.99	.08551	.000	1



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

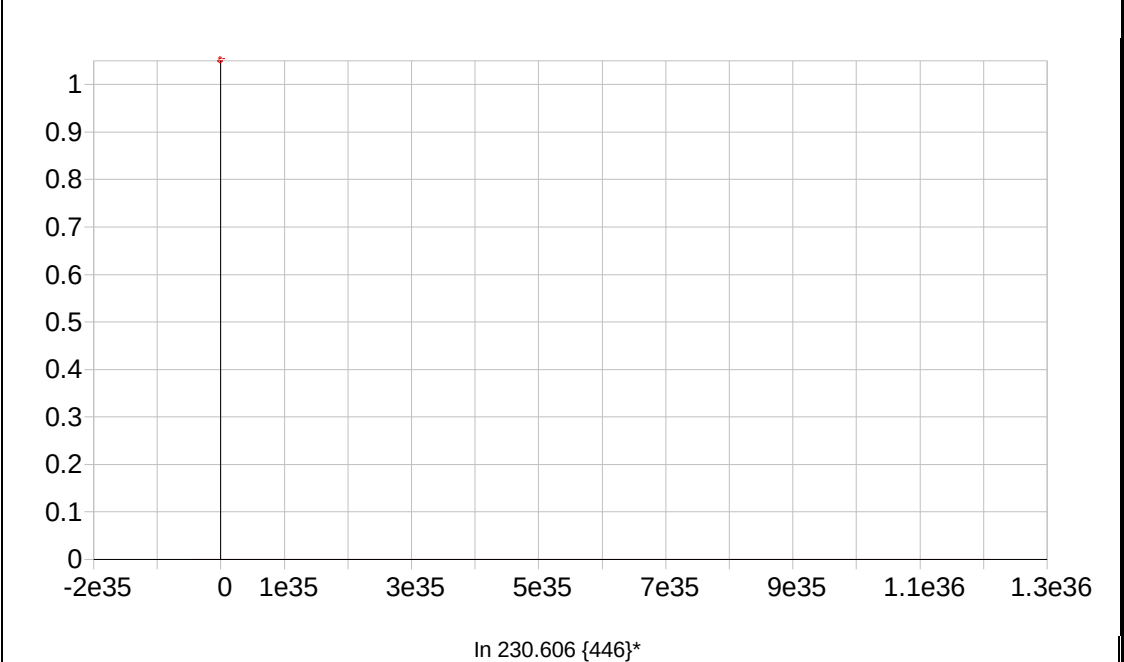




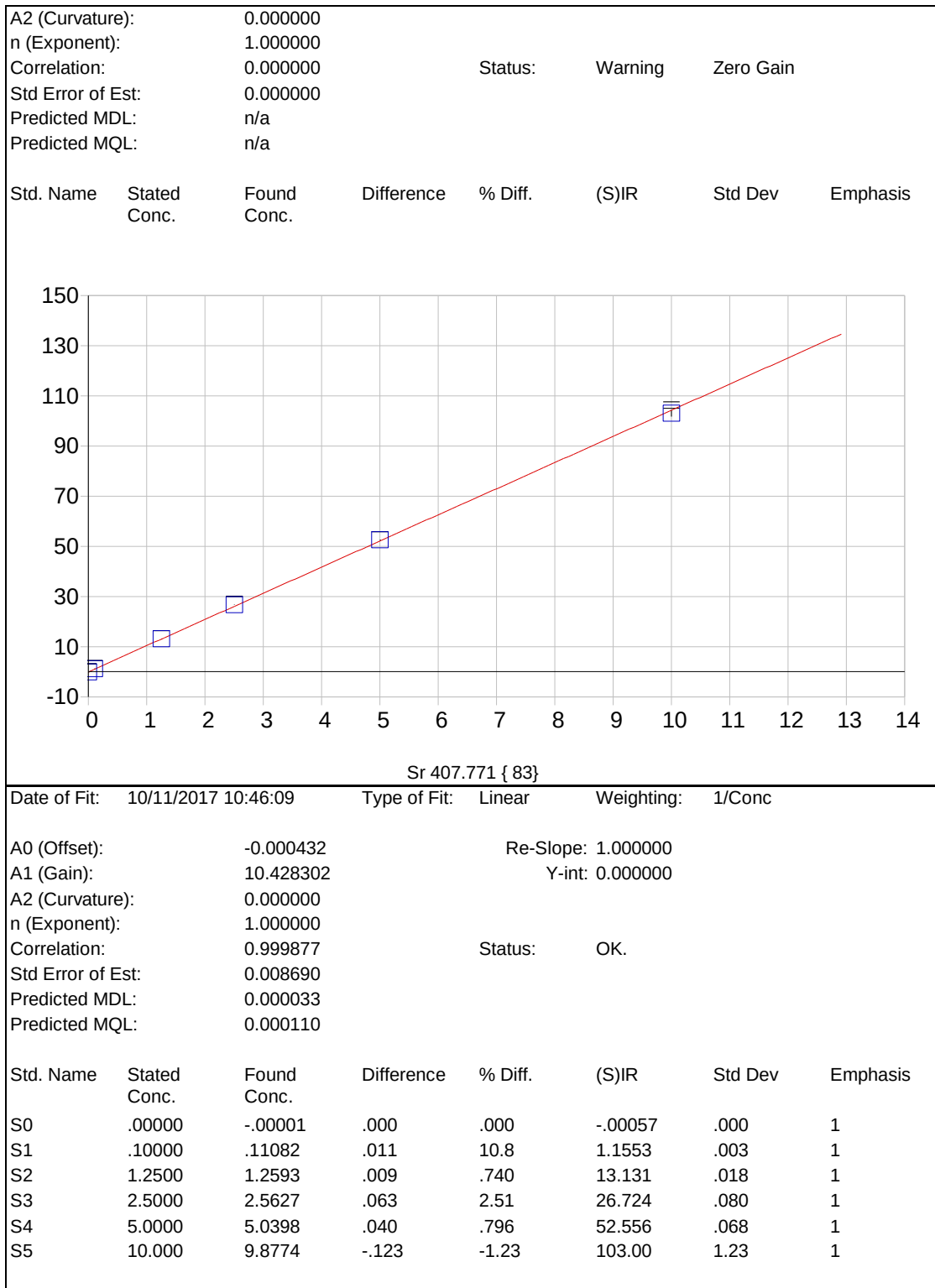


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



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



Sample Name: S0 Acquired: 10/11/2017 10:02:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	-.00027	-.00021	-.00014	.00042	.00027	.00080	-.06473	-.00123
Stddev	.00018	.00011	.00012	.00010	.00024	.00005	.00067	.00007
%RSD	64.581	51.338	90.066	23.454	89.776	6.3015	1.0317	5.8586

#1	-.00015	-.00010	-.00001	.00031	.00013	.00086	-.06535	-.00131
#2	-.00019	-.00033	-.00025	.00049	.00013	.00080	-.06402	-.00117
#3	-.00048	-.00021	-.00016	.00045	.00055	.00076	-.06481	-.00120

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	-.00034	.00157	.00004	-.00032	.00072	.00013	-.00003	-.00021
Stddev	.00011	.00026	.00004	.00014	.00004	.00006	.00009	.00013
%RSD	32.588	16.707	103.22	43.942	6.1912	44.097	286.69	61.315

#1	-.00032	.00137	-.00001	-.00047	.00077	.00007	-.00011	-.00034
#2	-.00046	.00148	.00007	-.00019	.00069	.00012	.00007	-.00008
#3	-.00024	.00187	.00006	-.00031	.00070	.00018	-.00005	-.00020

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	-.00059	-.00006	-.00269	-.00010	.00011	.02254	-.00055	.00195
Stddev	.00006	.00002	.00050	.00001	.00042	.00050	.00005	.00010
%RSD	10.012	26.673	18.559	12.364	381.49	2.2216	9.2940	5.2614

#1	-.00066	-.00006	-.00223	-.00009	.00045	.02286	-.00061	.00207
#2	-.00057	-.00008	-.00323	-.00012	.00024	.02197	-.00051	.00190
#3	-.00055	-.00004	-.00262	-.00010	-.00036	.02280	-.00052	.00188

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	.00013	.00086	.00126	.00003	.00080	.00117	-.00057	
Stddev	.00009	.00010	.00006	.00005	.00023	.00036	.00029	
%RSD	67.190	11.317	4.6419	198.96	29.002	31.128	50.679	

#1	.00023	.00094	.00127	-.00003	.00082	.00126	-.00070	
#2	.00007	.00090	.00119	.00007	.00056	.00148	-.00078	
#3	.00008	.00075	.00131	.00004	.00103	.00077	-.00024	

Sample Name: S0 Acquired: 10/11/2017 10:02:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	824.83	1454.0	37840.	10836.	2939.1
Stddev	2.53	10.3	25.	22.	19.1
%RSD	.30629	.70990	.06512	.20187	.64860
#1	826.79	1445.7	37819.	10811.	2924.5
#2	821.98	1450.9	37834.	10849.	2932.2
#3	825.72	1465.6	37867.	10849.	2960.7

Sample Name: S1 Acquired: 10/11/2017 10:06:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.00086	.00149	.00289	.01072	.01362	.35634	.00894
Stddev	.00001	.00004	.00025	.00010	.00033	.00018	.00157	.00011
%RSD	6.6398	4.2739	16.519	3.5486	3.1213	1.2946	.43955	1.2226

#1	.00019	.00090	.00177	.00288	.01077	.01343	.35481	.00881
#2	.00017	.00087	.00138	.00279	.01037	.01366	.35794	.00901
#3	.00017	.00082	.00132	.00300	.01103	.01378	.35625	.00900

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	.00711	.12317	.00107	.02781	.00455	.00186	.00366	.03075
Stddev	.00004	.00047	.00006	.00011	.00014	.00015	.00017	.00026
%RSD	.50723	.37866	5.3758	.40630	3.0968	7.8280	4.7743	.84510

#1	.00708	.12287	.00113	.02774	.00453	.00201	.00371	.03056
#2	.00710	.12294	.00102	.02776	.00470	.00172	.00381	.03065
#3	.00715	.12371	.00105	.02794	.00442	.00185	.00347	.03105

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	.01312	.00293	.02901	.00267	.01574	.12366	-.00011	.00362
Stddev	.00031	.00002	.00054	.00012	.00085	.00092	.00003	.00034
%RSD	2.3561	.65346	1.8736	4.3449	5.3797	.74148	28.186	9.4684

#1	.01338	.00291	.02942	.00259	.01482	.12262	-.00015	.00388
#2	.01320	.00292	.02839	.00262	.01594	.12434	-.00010	.00323
#3	.01278	.00295	.02921	.00281	.01648	.12402	-.00009	.00374

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	.00969	.00267	.01893	.00046	.03336	.08551	1.1553	
Stddev	.00017	.00011	.00029	.00015	.00014	.00045	.0027	
%RSD	1.7856	4.1723	1.5385	32.276	.41057	.52803	.23054	

#1	.00982	.00271	.01917	.00042	.03323	.08603	1.1533	
#2	.00950	.00255	.01902	.00033	.03350	.08523	1.1583	
#3	.00976	.00276	.01861	.00062	.03333	.08527	1.1542	

Sample Name: S1 Acquired: 10/11/2017 10:06:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	805.58	1434.3	37031.	10807.	2846.6
Stddev	4.94	6.1	112.	31.	4.3
%RSD	.61338	.42625	.30155	.29109	.15184
#1	804.79	1438.2	37032.	10842.	2851.5
#2	810.87	1437.5	37143.	10781.	2844.6
#3	801.08	1427.3	36919.	10799.	2843.6

Sample Name: S2 Acquired: 10/11/2017 10:10:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.05456	.05024	.93364	.09125	.21387	2.4301	6.9816	.21782
Stddev	.00021	.00040	.00265	.00069	.00087	.0071	.0363	.00113
%RSD	.38124	.80449	.28338	.75592	.40662	.29296	.51993	.51951
#1	.05474	.05039	.93626	.09174	.21410	2.4249	6.9882	.21787
#2	.05460	.05055	.93370	.09156	.21460	2.4382	7.0142	.21667
#3	.05433	.04978	.93097	.09046	.21291	2.4271	6.9425	.21893
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	.85089	1.5031	.36393	.35419	.55064	.61323	.88132	.38673
Stddev	.00224	.0062	.00141	.00114	.00135	.00162	.00447	.00096
%RSD	.26356	.40994	.38732	.32090	.24484	.26393	.50674	.24934
#1	.85346	1.5016	.36419	.35523	.55052	.61224	.87695	.38676
#2	.84989	1.4978	.36241	.35437	.55205	.61236	.88114	.38575
#3	.84933	1.5099	.36519	.35297	.54936	.61510	.88588	.38768
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	.20667	.08129	.23638	.03338	.97916	.78925	-.00106	.23822
Stddev	.00099	.00010	.00105	.00013	.00656	.00189	.00011	.00097
%RSD	.48098	.12583	.44432	.39105	.66955	.23894	10.500	.40784
#1	.20702	.08119	.23613	.03323	.97177	.78855	-.00104	.23834
#2	.20744	.08128	.23754	.03343	.98425	.79138	-.00118	.23719
#3	.20554	.08140	.23548	.03348	.98148	.78781	-.00095	.23912
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	1.0667	.02822	.23259	.06726	.40438	2.1049	13.131	
Stddev	.0051	.00022	.00162	.00037	.00052	.0165	.018	
%RSD	.48021	.79115	.69757	.55102	.12955	.78465	.14015	
#1	1.0693	.02810	.23291	.06745	.40379	2.1084	13.143	
#2	1.0700	.02848	.23083	.06750	.40458	2.1195	13.141	
#3	1.0608	.02809	.23403	.06683	.40478	2.0870	13.110	

Sample Name: S2 Acquired: 10/11/2017 10:10:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	760.84	1324.6	34893.	10408.	2425.0
Stddev	4.27	5.4	122.	19.	8.5
%RSD	.56141	.40428	.34989	.18039	.35213
#1	757.85	1325.8	34755.	10408.	2425.3
#2	758.93	1318.7	34938.	10426.	2416.2
#3	765.73	1329.3	34986.	10389.	2433.3

Sample Name: S3 Acquired: 10/11/2017 10:14:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.11366	.10051	1.8732	.19096	.44701	5.0071	14.464	.43217
Stddev	.00056	.00050	.0009	.00080	.00060	.0160	.035	.00475
%RSD	.48940	.49484	.04757	.41977	.13497	.32030	.24294	1.0994

#1	.11323	.10008	1.8723	.19148	.44746	5.0255	14.502	.43509
#2	.11346	.10040	1.8741	.19004	.44632	4.9967	14.432	.43472
#3	.11429	.10105	1.8730	.19135	.44725	4.9990	14.457	.42668

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	1.7215	3.0385	.70736	.72118	1.1329	1.2154	1.7354	.78302
Stddev	.0071	.0040	.00426	.00037	.0044	.0042	.0047	.00465
%RSD	.41201	.13228	.60256	.05182	.39051	.34225	.27292	.59373

#1	1.7150	3.0424	.70818	.72078	1.1380	1.2193	1.7408	.78839
#2	1.7204	3.0389	.71115	.72124	1.1304	1.2111	1.7323	.78036
#3	1.7290	3.0343	.70275	.72152	1.1303	1.2159	1.7330	.78032

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	.42212	.16722	.48790	.06699	2.0587	1.6140	-.00154	.46858
Stddev	.00084	.00031	.00244	.00005	.0208	.0083	.00007	.00434
%RSD	.19999	.18799	.49934	.06856	1.0077	.51632	4.8239	.92585

#1	.42227	.16715	.49070	.06704	2.0649	1.6234	-.00157	.47125
#2	.42121	.16757	.48623	.06697	2.0356	1.6075	-.00146	.47092
#3	.42287	.16695	.48677	.06696	2.0757	1.6110	-.00159	.46357

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1712	.05882	.45317	.13884	.81589	4.3719	26.724	
Stddev	.0049	.00038	.00390	.00048	.00328	.0258	.080	
%RSD	.22624	.65192	.85965	.34357	.40263	.59011	.29945	

#1	2.1708	.05852	.45503	.13920	.81906	4.4012	26.816	
#2	2.1665	.05870	.45579	.13830	.81250	4.3614	26.670	
#3	2.1763	.05925	.44869	.13904	.81610	4.3530	26.687	

Sample Name: S3 Acquired: 10/11/2017 10:14:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	702.76	1221.4	33087.	10138.	2189.8
Stddev	6.93	9.3	106.	73.	13.0
%RSD	.98561	.76546	.32027	.71621	.59403
#1	696.54	1211.5	33012.	10061.	2176.7
#2	710.23	1222.5	33208.	10149.	2189.9
#3	701.52	1230.1	33040.	10205.	2202.7

Sample Name: S4 Acquired: 10/11/2017 10:18:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.22805	.19005	3.6556	.37796	.90769	10.303	28.438	.87657
Stddev	.00065	.00060	.0011	.00051	.00430	.039	.135	.00344
%RSD	.28613	.31667	.02995	.13447	.47371	.38159	.47457	.39203

#1	.22750	.18945	3.6562	.37759	.90571	10.284	28.516	.88043
#2	.22877	.19005	3.6563	.37854	.91262	10.276	28.282	.87548
#3	.22786	.19065	3.6544	.37775	.90473	10.348	28.516	.87382

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4317	6.1025	1.3572	1.4418	2.2987	2.3794	3.3889	1.5713
Stddev	.0032	.0432	.0109	.0011	.0136	.0074	.0222	.0009
%RSD	.09244	.70771	.80599	.07653	.58980	.31208	.65479	.05612

#1	3.4281	6.0615	1.3663	1.4405	2.2969	2.3771	3.3758	1.5723
#2	3.4333	6.1476	1.3603	1.4424	2.2861	2.3877	3.4146	1.5709
#3	3.4338	6.0986	1.3450	1.4425	2.3131	2.3734	3.3765	1.5707

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	.83469	.34817	.98807	.13260	4.2152	3.2697	-.00284	.91202
Stddev	.00183	.00165	.00431	.00051	.0351	.0205	.00009	.00328
%RSD	.21917	.47471	.43635	.38446	.83377	.62627	3.3290	.36001

#1	.83317	.34899	.98546	.13208	4.2007	3.2711	-.00295	.91573
#2	.83672	.34925	.98570	.13309	4.2553	3.2486	-.00282	.91087
#3	.83418	.34627	.99305	.13264	4.1896	3.2895	-.00277	.90947

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.2689	.12029	.89121	.27773	1.6120	8.9203	52.556	
Stddev	.0110	.00078	.00570	.00024	.0043	.0831	.068	
%RSD	.25720	.65087	.63966	.08657	.26398	.93167	.12846	

#1	4.2658	.12062	.89719	.27786	1.6074	8.9161	52.490	
#2	4.2811	.11940	.89063	.27745	1.6126	8.8394	52.625	
#3	4.2598	.12086	.88583	.27788	1.6159	9.0054	52.553	

Sample Name: S4 Acquired: 10/11/2017 10:18:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	663.96	1156.6	31836.	9888.7	2006.1
Stddev	2.62	3.5	215.	22.3	4.2
%RSD	.39498	.29831	.67495	.22507	.20885
#1	663.07	1154.0	31765.	9867.8	2001.6
#2	661.90	1155.2	31665.	9886.3	2007.1
#3	666.91	1160.5	32077.	9912.1	2009.8

Sample Name: S5 Acquired: 10/11/2017 10:22:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.47875	.36114	7.1389	.77043	1.9031	21.569	57.112	1.8321
Stddev	.00104	.00130	.0095	.00298	.0075	.122	.608	.0223
%RSD	.21793	.35894	.13328	.38656	.39248	.56739	1.0652	1.2194

#1	.47902	.36186	7.1487	.77199	1.9049	21.514	57.276	1.8102
#2	.47964	.36191	7.1382	.77230	1.9096	21.709	57.621	1.8549
#3	.47760	.35964	7.1297	.76699	1.8949	21.484	56.438	1.8313

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.7576	12.405	2.6224	2.8643	4.7495	4.7095	6.7870	3.1351
Stddev	.0199	.055	.0158	.0024	.0336	.0071	.0054	.0069
%RSD	.29409	.44364	.60256	.08519	.70795	.15096	.07936	.22001

#1	6.7668	12.374	2.6054	2.8665	4.7421	4.7049	6.7826	3.1339
#2	6.7348	12.373	2.6366	2.8647	4.7862	4.7059	6.7930	3.1425
#3	6.7712	12.469	2.6251	2.8617	4.7202	4.7177	6.7854	3.1288

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	1.6329	.76587	2.0290	.26606	9.1289	6.7171	-.00549	1.7798
Stddev	.0025	.00351	.0151	.00022	.1020	.0488	.00015	.0235
%RSD	.15110	.45891	.74325	.08404	1.1167	.72595	2.7298	1.3191

#1	1.6352	.76253	2.0241	.26627	9.2177	6.7125	-.00537	1.7616
#2	1.6332	.76954	2.0459	.26583	9.0176	6.7681	-.00544	1.8063
#3	1.6303	.76555	2.0170	.26609	9.1514	6.6709	-.00566	1.7715

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	8.4535	.24867	1.8020	.54854	3.2252	18.261	103.00	
Stddev	.0288	.00056	.0225	.00169	.0098	.157	1.23	
%RSD	.34071	.22684	1.2468	.30858	.30280	.86040	1.1914	

#1	8.4701	.24804	1.7863	.54850	3.2170	18.236	103.05	
#2	8.4702	.24883	1.8277	.55025	3.2360	18.430	104.21	
#3	8.4203	.24914	1.7919	.54686	3.2226	18.118	101.76	

Sample Name: S5 Acquired: 10/11/2017 10:22:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	595.40	1057.8	29814.	9479.5	1788.9
Stddev	5.87	11.1	162.	72.2	15.4
%RSD	.98514	1.0524	.54377	.76174	.86058
#1	588.87	1057.2	29627.	9486.7	1789.5
#2	597.12	1047.0	29902.	9404.0	1773.2
#3	600.21	1069.2	29913.	9547.9	1804.0

Sample Name: S6 Acquired: 10/11/2017 10:26:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	57.731	20.117	12.348	4.9132	5.5207
Stddev	.079	.033	.010	.0057	.0014
%RSD	.13667	.16647	.07905	.11709	.02445

#1	57.644	20.109	12.357	4.9199	5.5210
#2	57.752	20.088	12.338	4.9098	5.5218
#3	57.797	20.154	12.348	4.9100	5.5192

Int. Std.	Y_3710
Units	Cts/S
Avg	9242.1
Stddev	39.5
%RSD	.42744

#1	9211.3
#2	9286.7
#3	9228.5

Sample Name: ICV Acquired: 10/11/2017 10:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.9468768	1.071577	.9999407	1.003236	.9588116	2.570688
Stddev	.0081701	.003425	.0084419	.008991	.0047006	.008675
%RSD	.8628518	.3196071	.8442414	.8962358	.4902517	.3374560

#1	.9562938	1.067732	.9943943	1.012968	.9544436	2.580635
#2	.9416763	1.074301	.9957716	1.001503	.9582051	2.566733
#3	.9426604	1.072698	1.009656	.995237	.9637859	2.564694

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4907737	.4606866	.4766639	9.059494	.5209035	.4748046
Stddev	.0000569	.0025484	.0020511	.017188	.0020957	.0001257
%RSD	.0115862	.5531761	.4303128	.1897219	.4023173	.0264739

#1	.4907118	.4633392	.4780250	9.071209	.5206530	.4749497
#2	.4908236	.4604635	.4743048	9.067510	.5231132	.4747332
#3	.4907857	.4582571	.4776620	9.039762	.5189443	.4747309

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4754944	5.206214	.5013432	6.029749	.4941419	.4947149
Stddev	.0017546	.036235	.0030836	.043171	.0010942	.0011842
%RSD	.3690130	.6960003	.6150580	.7159716	.2214255	.2393611

#1	.4745090	5.247382	.5039649	6.040593	.4931118	.4959799
#2	.4744540	5.192105	.4979459	5.982190	.4940235	.4936329
#3	.4775202	5.179156	.5021187	6.066465	.4952904	.4945318

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.189403	.5171342	.9786219	9.180686	F .0093063	F -.016563
Stddev	.034759	.0053489	.0056667	.025644	.0888055	.000447
%RSD	.3782511	1.034337	.5790532	.2793307	954.2483	2.701853

#1	9.202303	.5172246	.9739768	9.209648	-.069846	-.016057
#2	9.150039	.5224374	.9769532	9.160864	-.007577	-.016722
#3	9.215868	.5117407	.9849356	9.171546	.105342	-.016908

Sample Name: ICV Acquired: 10/11/2017 10:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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 -.000290	-.004990	.0002812	F .0010772	-.000120	.0007723
Stddev	.000231	.003174	.0015218	.0008454	.000265	.0001593
%RSD	79.76421	63.60413	541.1516	78.48205	221.6522	20.63030
#1	-.000295	-.001955	.0009938	.0019921	-.000214	.0006956
#2	-.000519	-.008286	-.001466	.0009144	-.000325	.0009555
#3	-.000056	-.004727	.001316	.0003250	.000180	.0006658

Elem	Sr4077
Units	ppm
Avg	.0118387
Stddev	.0000750
%RSD	.6335111
#1	.0118659
#2	.0118963
#3	.0117539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	761.1916	1311.778	35804.63	10622.58	2675.828
Stddev	1.7301	2.072	59.59	65.08	3.808
%RSD	.2272877	.1579453	.1664378	.6126265	.1423294
#1	759.1974	1313.096	35781.28	10550.92	2674.209
#2	762.2924	1312.848	35760.25	10638.84	2680.179
#3	762.0848	1309.389	35872.36	10677.99	2673.097

Sample Name: ICB Acquired: 10/11/2017 10:49:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007765	-.001115	-.000250	-.001306	.0003781	-.001596
Stddev	.0019786	.002719	.001359	.003070	.0017027	.002252
%RSD	254.8204	243.9459	543.2597	235.0649	450.3004	141.1032

#1	-.001476	-.000921	-.001551	-.003438	.0021481	.000970
#2	.002235	-.003925	-.000359	.002213	-.001248	-.002513
#3	.001570	.001503	.001160	-.002694	.000234	-.003244

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002194	.0000186	.0000728	-.016579	-.000201	.0000107
Stddev	.000270	.0000389	.0000826	.000730	.000590	.0001168
%RSD	12.28387	208.8090	113.5186	4.403835	293.5673	1096.256

#1	-.002191	.0000378	.0000923	-.017208	-.000201	-.000062
#2	-.002465	.0000444	.0001439	-.015778	.000389	.000145
#3	-.001926	-.000026	-.000018	-.016751	-.000791	-.000051

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004013	.0002204	-.000354	.0051522	.0000924	.0004446
Stddev	.0011407	.0014288	.000343	.0244761	.0005149	.0001683
%RSD	284.2710	648.3947	96.69820	475.0626	557.5654	37.85607

#1	.0006804	.0017995	-.000713	.0219817	.0006678	.0005323
#2	-.000853	-.000155	-.000319	-.022926	-.000325	.0002506
#3	.001377	-.000983	-.000031	.016401	-.000066	.0005510

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006351	-.000416	-.003321	-.076754	F .1269647	-.002752
Stddev	.022152	.001705	.002254	.011765	.2021563	.000891
%RSD	348.7878	409.7477	67.88172	15.32802	159.2224	32.37342

#1	.009551	.000516	-.003598	-.088542	-.106355	-.001772
#2	-.031653	.000620	-.005423	-.065013	.249839	-.003513
#3	.003049	-.002384	-.000941	-.076706	.237410	-.002970

Sample Name: ICB Acquired: 10/11/2017 10:49:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	-.005588	-.002572	.0023034	-.000360	.0003593
Stddev	.000305	.003136	.000885	.0025256	.000263	.0002459
%RSD	336.4732	56.11798	34.39715	109.6490	73.15932	68.44106

#1	-.000303	-.005823	-.003524	-.000578	-.000177	.0000985
#2	.000259	-.002342	-.001776	.003355	-.000241	.0003926
#3	-.000227	-.008601	-.002416	.004133	-.000662	.0005870

Elem	Sr4077
Units	ppm
Avg	-.000058
Stddev	.000009
%RSD	15.91019

#1	-.000065
#2	-.000063
#3	-.000048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	779.4664	1357.790	36817.98	10609.29	2865.868
Stddev	4.9544	7.617	123.72	46.45	13.636
%RSD	.6356204	.5609623	.3360444	.4378150	.4757940

#1	774.9008	1351.444	36709.98	10585.73	2850.735
#2	784.7347	1355.690	36790.98	10579.35	2869.671
#3	778.7636	1366.237	36952.97	10662.80	2877.199

Sample Name: ICSA Acquired: 10/11/2017 10:53:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0032750	-.005090	-.003674	-.010173	.0069521	231.0243
Stddev	.0031681	.002511	.001166	.002296	.0032295	.1806
%RSD	96.73410	49.32609	31.73689	22.56803	46.45323	.0781783

#1	-.000380	-.003873	-.004153	-.008257	.0071107	231.2235
#2	.004977	-.003420	-.004524	-.012718	.0100994	230.9782
#3	.005228	-.007978	-.002345	-.009545	.0036463	230.8712

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024121	.0010010	.0038081	241.7685	.0532921	-.000962
Stddev	.0004893	.0001833	.0001693	1.1507	.0012182	.000030
%RSD	20.28484	18.31425	4.445884	.4759388	2.285937	3.155588

#1	.0018817	.0009934	.0039201	240.8211	.0545244	-.000992
#2	.0028458	.0011880	.0036133	241.4355	.0532632	-.000962
#3	.0025089	.0008215	.0038909	243.0490	.0520885	-.000932

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225135	104.6683	.0111471	271.4862	.0034601	.0038529
Stddev	.0007546	.5963	.0005320	1.2253	.0008710	.0002303
%RSD	3.351639	.5697268	4.772368	.4513400	25.17141	5.978651

#1	.0216459	104.8600	.0109892	271.5523	.0040195	.0036917
#2	.0228776	103.9997	.0117402	270.2292	.0039042	.0037503
#3	.0230170	105.1451	.0107121	272.6771	.0024566	.0041168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2799660	.0033594	.0002684	-.116114	-.195171	F -.321205
Stddev	.0378503	.0017218	.0001189	.010200	.431753	.000466
%RSD	13.51959	51.25329	44.28634	8.784671	221.2180	.1449750

#1	.2850239	.0049465	.0003702	-.118496	-.475167	-.321671
#2	.2398411	.0036027	.0002973	-.124913	-.412402	-.321204
#3	.3150330	.0015288	.0001378	-.104934	.302056	-.320739

Sample Name: ICSA Acquired: 10/11/2017 10:53:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	-.000104	.0177034	-.002008	.0003104	.0014908	.0054795
Stddev	.000810	.0059621	.000247	.0018835	.0003109	.0003701
%RSD	779.9201	33.67752	12.27729	606.8396	20.85675	6.754497

#1	-.000403	.0222399	-.001845	.0020992	.0013550	.0056189
#2	.000813	.0199198	-.002292	.0004873	.0012709	.0057596
#3	-.000721	.0109506	-.001889	-.001655	.0018465	.0050599

Elem	Sr4077
Units	ppm
Avg	.1031700
Stddev	.0002159
%RSD	.2092878

#1	.1034186
#2	.1030618
#3	.1030295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	700.3769	1206.528	32419.27	9846.894	2155.016
Stddev	5.3770	5.587	99.58	46.844	8.000
%RSD	.7677365	.4630244	.3071768	.4757235	.3712307

#1	695.2845	1201.113	32306.64	9823.311	2148.970
#2	705.9994	1206.199	32455.50	9900.843	2151.991
#3	699.8468	1212.272	32495.67	9816.529	2164.088

Sample Name: ICSAB Acquired: 10/11/2017 10:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0990907	.1084277	.0453742	.0406258	.6086975	231.5297
Stddev	.0005235	.0020313	.0007425	.0062614	.0029800	.5478
%RSD	.5283308	1.873445	1.636361	15.41241	.4895720	.2366198

#1	.0992245	.1089710	.0449739	.0375299	.6096872	231.5730
#2	.0985133	.1101322	.0449178	.0478321	.6110568	232.0546
#3	.0995344	.1061800	.0462310	.0365154	.6053486	230.9615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5113493	.4944345	1.008626	240.5329	.5624252	.4970990
Stddev	.0009122	.0017994	.002829	.1268	.0018828	.0003625
%RSD	.1783993	.3639382	.2805126	.0527246	.3347568	.0729188

#1	.5120193	.4964204	1.010358	240.3961	.5604547	.4971012
#2	.5117183	.4939708	1.005361	240.6466	.5642059	.4967355
#3	.5103104	.4929122	1.010159	240.5561	.5626150	.4974604

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5255661	104.2514	.5330237	270.2885	1.020660	.1900802
Stddev	.0032035	.3208	.0020062	1.1721	.002275	.0011009
%RSD	.6095291	.3077165	.3763817	.4336564	.2228945	.5791878

#1	.5233581	104.1537	.5352657	269.9531	1.023272	.1913101
#2	.5292402	104.6098	.5324074	271.5918	1.019588	.1897435
#3	.5240999	103.9909	.5313979	269.3206	1.019118	.1891869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3698422	.5322487	1.083433	-.292310	-.269480	F -.319944
Stddev	.0450625	.0007715	.012105	.021511	.276721	.000500
%RSD	12.18424	.1449497	1.117241	7.359061	102.6872	.1562651

#1	.4005151	.5329794	1.081104	-.288673	-.538222	-.319786
#2	.3181051	.5323247	1.096532	-.272849	.014584	-.320504
#3	.3909063	.5314421	1.072662	-.315408	-.284801	-.319542

Sample Name: ICSAB Acquired: 10/11/2017 10:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	-.000377	.0264553	.0041357	.0018668	.0018862	.0052791
Stddev	.000363	.0059649	.0009039	.0016760	.0005820	.0001241
%RSD	96.30990	22.54708	21.85504	89.77712	30.85788	2.350412

#1	.000042	.0224299	.0045055	.0034824	.0024011	.0051384
#2	-.000569	.0333082	.0031056	.0001363	.0012547	.0053729
#3	-.000604	.0236279	.0047961	.0019817	.0020029	.0053258

Elem	Sr4077
Units	ppm
Avg	.1038007
Stddev	.0002172
%RSD	.2092715

#1	.1037540
#2	.1040374
#3	.1036106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	684.5605	1168.098	32282.55	9912.002	2120.453
Stddev	2.3644	5.451	54.51	46.847	8.779
%RSD	.3453864	.4666496	.1688614	.4726294	.4140082

#1	683.2527	1162.906	32241.25	9865.970	2111.863
#2	683.1390	1167.611	32262.06	9910.412	2120.087
#3	687.2899	1173.776	32344.33	9959.623	2129.409

Sample Name: CCV042 Acquired: 10/11/2017 11:02:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.992550	4.783916	23.52580	5.093226	5.158297	385.9211
Stddev	.017490	.012283	.03121	.016800	.013925	1.2938
%RSD	.3503297	.2567574	.1326611	.3298464	.2699625	.3352557

#1	5.012691	4.775548	23.51044	5.107438	5.170636	385.9948
#2	4.981183	4.778183	23.50524	5.097555	5.161057	384.5921
#3	4.983777	4.798018	23.56171	5.074686	5.143199	387.1766

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.732544	.5004100	2.468497	378.7370	14.87300	2.422153
Stddev	.079570	.0013839	.005324	.7637	.01146	.000441
%RSD	.8175689	.2765451	.2156841	.2016517	.0770609	.0182129

#1	9.725397	.4988169	2.463823	378.0402	14.87070	2.421645
#2	9.656788	.5010995	2.467375	378.6172	14.88543	2.422442
#3	9.815447	.5013137	2.474292	379.5535	14.86286	2.422372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39292	399.4823	14.48478	403.1663	2.436005	1.267336
Stddev	.08425	1.1835	.05876	1.6526	.003946	.004479
%RSD	.5473604	.2962532	.4056546	.4099074	.1619875	.3533864

#1	15.43424	398.1165	14.41956	401.5408	2.432093	1.262237
#2	15.29598	400.1254	14.50117	403.1135	2.435938	1.269137
#3	15.44854	400.2049	14.53360	404.8447	2.439985	1.270633

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	390.8107	2.448732	15.84946	153.2482	F 6.300245	F 3.980388
Stddev	1.8210	.003482	.08570	.6177	.305254	.026219
%RSD	.4659582	.1422085	.5407279	.4030428	4.845116	.6587068

#1	390.1502	2.447608	15.83500	153.5703	6.205595	3.951526
#2	389.4122	2.445950	15.94147	152.5360	6.053528	3.986900
#3	392.8698	2.452637	15.77190	153.6381	6.641614	4.002736

Sample Name: CCV042 Acquired: 10/11/2017 11:02:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082591	4.974649	4.755963	4.894908	4.876722	5.086907
Stddev	.008192	.016108	.014877	.021152	.021878	.027872
%RSD	.1611841	.3238089	.3128063	.4321261	.4486229	.5479232

#1	5.081748	4.974923	4.739159	4.884598	4.866511	5.103720
#2	5.091171	4.958405	4.761276	4.880888	4.861816	5.054734
#3	5.074852	4.990618	4.767453	4.919238	4.901839	5.102268

Elem	Sr4077
Units	ppm
Avg	4.975090
Stddev	.048652
%RSD	.9779180

#1	5.019197
#2	4.922904
#3	4.983169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	595.7620	1032.915	29492.53	9553.078	1781.565
Stddev	1.5266	5.703	91.74	17.948	5.775
%RSD	.2562466	.5520879	.3110461	.1878750	.3241605

#1	594.5355	1030.263	29414.49	9547.209	1779.216
#2	595.2789	1029.020	29593.58	9573.226	1777.335
#3	597.4718	1039.460	29469.51	9538.800	1788.145

Sample Name: CCB042 Acquired: 10/11/2017 11:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	-.000559	-.000169	-.000995	-.000454	-.000745
Stddev	.005050	.002254	.001267	.000305	.000138	.002591
%RSD	5847.484	403.2756	749.2686	30.68699	30.39030	347.7199

#1	.002535	-.000542	.000005	-.001061	-.000436	-.003589
#2	.003113	-.002821	-.001514	-.001262	-.000601	-.000126
#3	-.005908	.001687	.001002	-.000662	-.000326	.001480

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001660	-.000055	-.000013	-.009463	-.000145	.0003590
Stddev	.000164	.000034	.000152	.004535	.000452	.0001881
%RSD	9.904716	61.64069	1177.660	47.92621	310.9668	52.39713

#1	-.001775	-.000035	.000097	-.013163	.000294	.0001458
#2	-.001733	-.000095	.000051	-.004404	-.000121	.0004297
#3	-.001472	-.000036	-.000187	-.010823	-.000609	.0005014

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000603	.0006596	-.000277	.0078599	.0001011	.0004365
Stddev	.0006954	.0043573	.000619	.0229396	.0003288	.0000390
%RSD	1153.023	660.5880	223.0808	291.8535	325.3027	8.930898

#1	.0003762	.0036941	-.000382	.0107047	.0000471	.0004364
#2	-.000737	.0026180	-.000837	.0292444	.0004536	.0003975
#3	.000542	-.004333	.000387	-.016369	-.000197	.0004755

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085246	-.000807	-.000640	-.036964	F .0396804	.0080658
Stddev	.004974	.000503	.004166	.025482	.1438149	.0015834
%RSD	5.834583	62.30070	650.8174	68.93651	362.4337	19.63105

#1	-.081363	-.000268	.000871	-.017024	-.122266	.0072692
#2	-.090852	-.000890	-.005350	-.028195	.152477	.0098894
#3	-.083524	-.001263	.002559	-.065672	.088830	.0070390

Sample Name: CCB042 Acquired: 10/11/2017 11:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003197	-.004807	-.001894	.0024307	.0003885	.0006447
Stddev	.0003190	.006154	.000981	.0009045	.0007258	.0001533
%RSD	99.78086	128.0306	51.78533	37.21197	186.7910	23.78347

#1	.0004362	-.002852	-.001381	.0017752	-.000429	.0004932
#2	-.000041	-.011701	-.003025	.0020542	.000956	.0006409
#3	.000564	.000132	-.001275	.0034626	.000639	.0007998

Elem	Sr4077
Units	ppm
Avg	.0000010
Stddev	.0000306
%RSD	3058.707

#1	.0000275
#2	.0000080
#3	-.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	789.9607	1373.397	37246.44	10696.03	2891.773
Stddev	7.2254	7.636	169.06	57.83	8.695
%RSD	.9146538	.5560165	.4538941	.5406490	.3006679

#1	782.5484	1364.579	37059.85	10647.18	2882.724
#2	796.9835	1377.852	37389.42	10681.03	2892.532
#3	790.3502	1377.759	37290.06	10759.88	2900.064

Sample Name: PB103062BL Acquired: 10/11/2017 11:10:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032036	-.000877	.0004890	-.002570	.0007431	-.002601
Stddev	.0033006	.000746	.0011604	.002035	.0003531	.001501
%RSD	103.0258	85.03457	237.2920	79.17935	47.52143	57.70074

#1	.0041177	-.000109	.0013174	-.003196	.0011054	-.003795
#2	.0059508	-.001598	-.000837	-.004218	.0007240	-.003093
#3	-.000458	-.000924	.000987	-.000296	.0003999	-.000916

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001597	-.000153	-.000050	-.005730	-.000166	.0002113
Stddev	.000268	.000061	.000064	.013338	.000385	.0002585
%RSD	16.79197	39.88930	126.5156	232.7602	231.6301	122.2901

#1	-.001290	-.000198	-.000005	-.021051	-.000227	.0005097
#2	-.001785	-.000176	-.000022	.000574	.000246	.0000565
#3	-.001715	-.000083	-.000123	.003286	-.000517	.0000678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007808	-.004468	-.000465	.0079528	.0001112	.0004703
Stddev	.0004911	.005765	.000070	.0033629	.0003462	.0001102
%RSD	62.90475	129.0361	14.97688	42.28511	311.3477	23.43938

#1	.0012755	-.002239	-.000386	.0053026	-.000275	.0005953
#2	.0002933	-.011014	-.000494	.0117358	.000394	.0004285
#3	.0007735	-.000150	-.000516	.0068201	.000215	.0003871

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003417	.0006815	-.001088	-.056661	F .1061649	-.001313
Stddev	.016369	.0006368	.004041	.014261	.1281945	.001177
%RSD	479.0863	93.43289	371.5030	25.16952	120.7505	89.67714

#1	.007924	.0014168	.002868	-.072792	.2534821	-.002544
#2	.004008	.0003184	-.005209	-.045727	.0199736	-.000199
#3	-.022182	.0003094	-.000923	-.051464	.0450389	-.001195

Sample Name: PB103062BL Acquired: 10/11/2017 11:10:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	-.009033	-.002966	.0017698	.0005591	.0003267
Stddev	.000241	.000760	.000398	.0001484	.0003239	.0002779
%RSD	204.5204	8.412315	13.43586	8.386427	57.93751	85.08247

#1	.000020	-.009033	-.003044	.0015990	.0002507	.0006121
#2	.000022	-.008274	-.003320	.0018670	.0005299	.0003110
#3	-.000396	-.009793	-.002534	.0018434	.0008966	.0000569

Elem	Sr4077
Units	ppm
Avg	-.000043
Stddev	.000044
%RSD	102.1671

#1	-.000029
#2	-.000008
#3	-.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.1834	1390.536	37649.37	10762.91	2911.525
Stddev	5.3546	9.033	144.37	17.29	9.036
%RSD	.6641887	.6496305	.3834673	.1606560	.3103484

#1	809.6539	1380.709	37581.40	10749.25	2901.190
#2	800.0167	1392.420	37551.53	10782.35	2915.451
#3	808.8797	1398.479	37815.18	10757.13	2917.934

Sample Name: PB103062BS Acquired: 10/11/2017 11:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0198360	.0589611	.0204156	.0748494	.1230683	.3688777
Stddev	.0046654	.0031984	.0013797	.0031471	.0015750	.0027871
%RSD	23.52008	5.424669	6.757964	4.204548	1.279793	.7555722

#1	.0252202	.0598547	.0202210	.0733070	.1213543	.3688560
#2	.0173011	.0616177	.0218822	.0727711	.1233989	.3661015
#3	.0169868	.0554109	.0191435	.0784701	.1244518	.3716757

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2945535	.0111129	.0112111	9.219095	.0229561	.0969378
Stddev	.0012398	.0001226	.0001102	.055088	.0002465	.0004775
%RSD	.4209213	1.103250	.9829124	.5975405	1.073874	.4925940

#1	.2957064	.0112142	.0113139	9.222080	.0231472	.0973560
#2	.2947121	.0109766	.0110948	9.162576	.0230431	.0970399
#3	.2932419	.0111479	.0112246	9.272630	.0226778	.0964175

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517220	.2215871	.0322700	10.37845	.0826583	.0194255
Stddev	.0017341	.0031613	.0001378	.02349	.0006369	.0004173
%RSD	3.352812	1.426657	.4270752	.2263069	.7705150	2.148021

#1	.0523276	.2216644	.0321452	10.38820	.0824677	.0190959
#2	.0530721	.2247090	.0324179	10.39549	.0821385	.0198946
#3	.0497662	.2183879	.0322469	10.35166	.0833687	.0192860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.405037	.1070390	.1274272	9.524357	F -1.77566	F .0207515
Stddev	.034351	.0030791	.0016041	.083086	.22166	.0003963
%RSD	.3652382	2.876586	1.258868	.8723581	12.48294	1.909605

#1	9.366532	.1103659	.1286213	9.575478	-1.87529	.0205004
#2	9.432536	.1064616	.1280565	9.569105	-1.52168	.0212083
#3	9.416044	.1042895	.1256038	9.428488	-1.93003	.0205457

Sample Name: PB103062BS Acquired: 10/11/2017 11:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0239935	.1603195	.1916390	F .0167144	.1989717	.0976797
Stddev	.0001761	.0054338	.0031083	.0014271	.0011064	.0010404
%RSD	.7338586	3.389384	1.621945	8.538347	.5560855	1.065105

#1	.0241799	.1540640	.1933512	.0156331	.1994410	.0981718
#2	.0239705	.1630248	.1935148	.0183320	.1997662	.0983828
#3	.0238301	.1638696	.1880511	.0161781	.1977080	.0964846

Elem	Sr4077
Units	ppm
Avg	.2214851
Stddev	.0008433
%RSD	.3807301

#1	.2222219
#2	.2216679
#3	.2205654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.5247	1316.668	36061.03	10738.10	2700.714
Stddev	4.0206	8.033	134.94	47.06	9.064
%RSD	.5231587	.6100786	.3742094	.4382319	.3356189

#1	765.5400	1315.731	35905.96	10684.72	2694.548
#2	773.0967	1309.145	36151.81	10755.97	2696.473
#3	766.9375	1325.129	36125.32	10773.60	2711.121

Sample Name: I5524-01 Acquired: 10/11/2017 11:18:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392647	-.043553	.2174035	-.009291	.0014417	113.5410	1.011171
Stddev	.0051067	.001301	.0025473	.004368	.0044557	.5647	.003415
%RSD	13.00591	2.986595	1.171680	47.01264	309.0557	.4973753	.3377150

#1	.0411902	-.043257	.2161706	-.008967	.0031826	113.7998	1.012722
#2	.0431287	-.044977	.2203326	-.005095	.0047641	113.9300	1.013536
#3	.0334751	-.042426	.2157072	-.013813	-.003622	112.8933	1.007256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094081	.0126945	10.16784	.2457061	.0911429	.2122814	231.9804
Stddev	.0001536	.0002955	.14681	.0012500	.0006799	.0029872	.6193
%RSD	1.633218	2.328051	1.443910	.5087571	.7459444	1.407213	.2669745

#1	.0095767	.0126121	10.23122	.2445318	.0918962	.2129722	232.6323
#2	.0093714	.0130225	9.99998	.2455663	.0909578	.2148627	231.9091
#3	.0092760	.0124490	10.27231	.2470201	.0905748	.2090092	231.3998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.998783	34.82508	.1705058	.0073775	1.811049	.3518703	.5999921
Stddev	.005699	.14709	.0005103	.0003999	.043660	.0022659	.0011483
%RSD	.2851253	.4223793	.2992991	5.420427	2.410737	.6439676	.1913912

#1	1.999107	34.85163	.1710389	.0076853	1.773777	.3532076	.5993525
#2	2.004313	34.95709	.1700218	.0075216	1.859083	.3492541	.5993059
#3	1.992929	34.66652	.1704567	.0069255	1.800288	.3531493	.6013178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.767854	-320.577	-.678915	.0018313	1.916855	9.737646	.2450446
Stddev	.061681	1.814	.003459	.0001994	.010396	.041035	.0006310
%RSD	.7034931	.5658672	.5095425	10.88626	.5423233	.4214105	.2575117

#1	8.798702	-322.613	-.679615	.0016031	1.914924	9.782934	.2451800
#2	8.808026	-319.982	-.681971	.0019716	1.928081	9.727071	.2443568
#3	8.696834	-319.134	-.675159	.0019193	1.907561	9.702933	.2455969

Sample Name: I5524-01 Acquired: 10/11/2017 11:18:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.006698	.1329580	.0932761
Stddev	.015311	.0012863	.0000987
%RSD	.3058172	.9674673	.1058260

#1	5.011667	.1332318	.0933873
#2	5.018908	.1340854	.0932425
#3	4.989520	.1315568	.0931986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	819.4685	1416.322	40101.34	12235.77	2340.647
Stddev	5.8861	11.936	61.62	55.64	16.960
%RSD	.7182799	.8427468	.1536603	.4547298	.7246023

#1	823.3393	1404.433	40157.50	12198.16	2325.139
#2	812.6948	1416.230	40035.43	12209.47	2338.042
#3	822.3713	1428.304	40111.09	12299.69	2358.759

Sample Name: I5524-02 Acquired: 10/11/2017 11:22:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716710	-.030866	.5465801	-.001354	.0086999	80.90083	.9064435
Stddev	.0038620	.003488	.0016284	.003321	.0010017	.83775	.0079858
%RSD	5.388471	11.30174	.2979173	245.3651	11.51398	1.035522	.8810046

#1	.0753647	-.032510	.5475892	-.003359	.0077634	80.03611	.8982078
#2	.0676603	-.033229	.5447016	-.003182	.0097561	80.95769	.9069694
#3	.0719881	-.026860	.5474496	.002480	.0085801	81.70870	.9141535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064156	.0122868	30.09282	.2507470	.0833674	.4004753	201.8236
Stddev	.0002688	.0002061	.65568	.0009193	.0008411	.0064861	2.1813
%RSD	4.189895	1.677720	2.178855	.3666370	1.008954	1.619605	1.080807

#1	.0062609	.0125237	30.06297	.2514544	.0843081	.3957661	201.3321
#2	.0062599	.0121489	30.76291	.2510787	.0826877	.3977865	204.2088
#3	.0067260	.0121876	29.45257	.2497078	.0831065	.4078735	199.9300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.566056	44.53091	.1925074	.0088515	1.844958	.2942488	1.820763
Stddev	.071782	.36879	.0011433	.0001474	.102036	.0020464	.060939
%RSD	1.289647	.8281639	.5939003	1.665071	5.530556	.6954716	3.346919

#1	5.553320	44.16366	.1935817	.0087245	1.867772	.2949763	1.855952
#2	5.643353	44.52786	.1913058	.0090131	1.933656	.2958321	1.855941
#3	5.501493	44.90122	.1926348	.0088169	1.733445	.2919380	1.750396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.65862	-416.958	-.599799	.0053667	3.575657	10.45397	.0458223
Stddev	.39632	3.243	.013096	.0004616	.025384	.19567	.0028170
%RSD	2.124069	.7777087	2.183394	8.600509	.7099206	1.871769	6.147581

#1	18.35166	-420.602	-.590032	.0051905	3.594337	10.33355	.0427795
#2	18.51816	-415.882	-.594685	.0058904	3.585879	10.34861	.0463479
#3	19.10604	-414.390	-.614681	.0050192	3.546756	10.67975	.0483394

Sample Name: I5524-02 Acquired: 10/11/2017 11:22:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.660641	.0941716	.1172912
Stddev	.043205	.0028430	.0010278
%RSD	.6486666	3.018969	.8762979

#1	6.621870	.0924037	.1161624
#2	6.707217	.0926599	.1175385
#3	6.652836	.0974510	.1181729

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	760.8907	1305.243	36739.01	10929.83	2404.896
Stddev	1.0055	14.009	112.55	208.44	19.976
%RSD	.1321466	1.073277	.3063494	1.907030	.8306512

#1	761.5256	1293.539	36625.47	11098.39	2387.117
#2	759.7314	1301.424	36741.03	10994.31	2401.058
#3	761.4150	1320.765	36850.54	10696.77	2426.513

Sample Name: I5524-04 Acquired: 10/11/2017 11:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878539	-.033143	.5786944	-.003649	.0063113	97.00188	.9543013
Stddev	.0020302	.002181	.0016654	.000727	.0008250	.21578	.0017197
%RSD	2.310928	6.580354	.2877859	19.93668	13.07120	.2224470	.1802091

#1	.0856004	-.030796	.5799595	-.003990	.0060424	97.02854	.9529859
#2	.0884212	-.035107	.5793162	-.002813	.0072371	96.77401	.9536707
#3	.0895402	-.033526	.5768076	-.004143	.0056543	97.20309	.9562473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086813	.0114861	16.73230	.4435292	.1134989	.3647463	173.9893
Stddev	.0000602	.0002500	.03238	.0038326	.0004664	.0017313	.5887
%RSD	.6930330	2.176646	.1935403	.8641077	.4109032	.4746621	.3383340

#1	.0087196	.0114857	16.75797	.4392811	.1139662	.3647322	173.9840
#2	.0087124	.0117363	16.69592	.4445792	.1134971	.3664846	173.4033
#3	.0086120	.0112363	16.74302	.4467273	.1130335	.3630221	174.5806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.100921	31.65201	.2057465	.0072882	1.754670	.2997174	1.221015
Stddev	.008951	.12011	.0007095	.0004264	.014094	.0028021	.015535
%RSD	.2886552	.3794709	.3448286	5.851001	.8032511	.9349119	1.272328

#1	3.096349	31.73991	.2064884	.0074403	1.770842	.2972719	1.229003
#2	3.095179	31.51516	.2056766	.0068065	1.748171	.2991053	1.230931
#3	3.111235	31.70097	.2050746	.0076176	1.744998	.3027749	1.203111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.845793	-338.195	-.500061	.0029473	11.45612	12.67252	.0550476
Stddev	.040245	.663	.002983	.0001654	.02722	.04401	.0032119
%RSD	.4549580	.1960929	.5965567	5.611078	.2375925	.3472890	5.834839

#1	8.891580	-338.610	-.497136	.0029045	11.47699	12.62176	.0586227
#2	8.816022	-337.430	-.503099	.0028075	11.46605	12.69572	.0524054
#3	8.829777	-338.545	-.499948	.0031298	11.42533	12.70008	.0541146

Sample Name: I5524-04 Acquired: 10/11/2017 11:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.784609	.1262840	.1137153
Stddev	.014435	.0012697	.0002428
%RSD	.3814229	1.005414	.2135532

#1	3.772408	.1275518	.1138336
#2	3.780873	.1250125	.1134360
#3	3.800544	.1262876	.1138765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	833.6033	1445.063	40222.23	12020.40	2426.088
Stddev	8.3020	6.207	63.88	12.14	11.267
%RSD	.9959198	.4295623	.1588191	.1010231	.4643970

#1	825.2672	1441.566	40149.08	12006.60	2419.430
#2	833.6718	1441.393	40267.01	12029.44	2419.738
#3	841.8708	1452.230	40250.61	12025.16	2439.097

Sample Name: I5524-05 Acquired: 10/11/2017 11:30:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805612	-.030121	.5699449	-.004200	.0053805	95.26274	.9380939
Stddev	.0006851	.004026	.0039861	.003213	.0016417	.52375	.0056668
%RSD	.8504584	13.36454	.6993808	76.49320	30.51295	.5497960	.6040807

#1	.0798185	-.029015	.5720439	-.005885	.0068133	95.86549	.9439438
#2	.0811686	-.034584	.5724428	-.000495	.0035891	94.91854	.9377080
#3	.0806965	-.026764	.5653479	-.006220	.0057390	95.00419	.9326298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084467	.0112503	16.35854	.4347995	.1112840	.3565738	170.2300
Stddev	.0001578	.0001513	.05500	.0011226	.0004500	.0039840	.8082
%RSD	1.868252	1.344756	.3362199	.2581783	.4043964	1.117296	.4747742

#1	.0083208	.0110769	16.35151	.4336913	.1117654	.3610168	170.7282
#2	.0083956	.0113191	16.30739	.4359359	.1112128	.3533195	169.2975
#3	.0086237	.0113550	16.41672	.4347713	.1108738	.3553850	170.6642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.045019	30.95160	.2018811	.0070658	1.770671	.2947293	1.184945
Stddev	.023515	.25889	.0014836	.0002549	.048429	.0033413	.004622
%RSD	.7722380	.8364231	.7348926	3.607519	2.735070	1.133679	.3900614

#1	3.041589	31.23916	.2007007	.0068389	1.762428	.2978764	1.185446
#2	3.023407	30.73708	.2035465	.0070169	1.726893	.2912228	1.180093
#3	3.070060	30.87858	.2013960	.0073416	1.822693	.2950888	1.189296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.666964	-332.824	-.493457	.0035488	11.22452	12.55905	.0527889
Stddev	.045867	1.174	.001350	.0002334	.00981	.02239	.0017247
%RSD	.5292120	.3526635	.2736105	6.576853	.0874378	.1782692	3.267064

#1	8.714500	-333.690	-.492406	.0033282	11.22178	12.53524	.0533305
#2	8.663422	-331.488	-.492986	.0035251	11.21637	12.56223	.0541778
#3	8.622972	-333.294	-.494980	.0037932	11.23541	12.57968	.0508585

Sample Name: I5524-05 Acquired: 10/11/2017 11:30:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.725321	.1237287	.1117367
Stddev	.015204	.0008904	.0006058
%RSD	.4081355	.7196451	.5421294

#1	3.734672	.1247059	.1124351
#2	3.707777	.1235170	.1113546
#3	3.733514	.1229632	.1114203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	854.3868	1459.733	41035.71	12187.51	2464.539
Stddev	1.2185	5.548	88.67	40.02	4.925
%RSD	.1426154	.3800695	.2160837	.3284038	.1998433

#1	853.4915	1465.803	41136.81	12150.63	2466.896
#2	853.8944	1458.471	40999.16	12230.07	2467.842
#3	855.7744	1454.925	40971.15	12181.83	2458.878

Sample Name: I5524-06 Acquired: 10/11/2017 11:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1478104	.0920851	.5895367	.0915041	.1922534	103.2387	4.889395
Stddev	.0024962	.0039153	.0033416	.0012215	.0022102	.4791	.026928
%RSD	1.688769	4.251820	.5668180	1.334929	1.149614	.4640890	.5507528

#1	.1455679	.0876089	.5856931	.0906291	.1929518	103.7600	4.918407
#2	.1504998	.0937738	.5917531	.0909834	.1897784	103.1386	4.884576
#3	.1473635	.0948727	.5911637	.0928996	.1940301	102.8175	4.865201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966779	.1143093	16.21424	.8225016	1.179046	.8079338	168.2691
Stddev	.0006568	.0008651	.04956	.0037402	.003686	.0034639	.3663
%RSD	.6793221	.7567869	.3056710	.4547385	.3126039	.4287329	.2177005

#1	.0974049	.1139265	16.24781	.8264341	1.178422	.8105272	168.6622
#2	.0965011	.1152998	16.23758	.8189891	1.183004	.8092742	167.9372
#3	.0961276	.1137017	16.15731	.8220817	1.175713	.8040000	168.2079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.582714	31.88287	1.285033	.0167349	1.922579	1.301446	2.138579
Stddev	.009408	.02493	.004193	.0002463	.083252	.004368	.003581
%RSD	.2625990	.0781888	.3262844	1.471619	4.330203	.3355925	.1674284

#1	3.591931	31.91155	1.282874	.0170189	1.996382	1.305845	2.134754
#2	3.573125	31.86642	1.289866	.0166059	1.939022	1.297110	2.139132
#3	3.583087	31.87063	1.282359	.0165799	1.832332	1.301383	2.141851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.578262	-266.870	-.484302	.0028914	9.920513	11.09254	.0520348
Stddev	.012297	1.826	.004769	.0000442	.052951	.08384	.0017639
%RSD	.1433484	.6842676	.9846508	1.528858	.5337573	.7558474	3.389841

#1	8.590640	-264.908	-.487479	.0029422	9.877113	11.16991	.0500046
#2	8.578100	-268.521	-.486608	.0028698	9.979512	11.10423	.0531909
#3	8.566048	-267.181	-.478819	.0028621	9.904914	11.00346	.0529090

Sample Name: I5524-06 Acquired: 10/11/2017 11:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.728652	.1288285	.1072736
Stddev	.008899	.0010784	.0003519
%RSD	.2386778	.8370508	.3280743

#1	3.738899	.1297935	.1076128
#2	3.724206	.1290276	.1072980
#3	3.722852	.1276645	.1069102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	812.3642	1388.489	39989.28	12022.68	2363.109
Stddev	1.6044	3.807	53.24	48.10	4.294
%RSD	.1974960	.2741914	.1331481	.4000408	.1816960

#1	811.5549	1387.059	40024.11	11970.36	2360.205
#2	814.2120	1392.804	40015.75	12032.69	2361.081
#3	811.3256	1385.603	39927.99	12064.97	2368.041

Sample Name: I5524-04LX5 Acquired: 10/11/2017 11:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180706	-.008029	.1124669	.0000048	.0012559	17.87164	.1899825
Stddev	.0025801	.001183	.0012548	.0037867	.0019236	.02618	.0005671
%RSD	14.27816	14.73502	1.115676	79423.33	153.1730	.1464717	.2985011

#1	.0165540	-.009354	.1115980	.0043014	.0034710	17.88394	.1896938
#2	.0166082	-.007655	.1139055	-.001441	.0002905	17.84158	.1896179
#3	.0210498	-.007078	.1118974	-.002846	.0000061	17.88940	.1906359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017123	.0022701	4.799515	.0816464	.0193829	.0810576	38.15461
Stddev	.0000733	.0000628	.024457	.0002797	.0001253	.0002390	.10969
%RSD	4.280570	2.764785	.5095623	.3425746	.6464175	.2948258	.2875000

#1	.0016503	.0023091	4.781475	.0818891	.0192385	.0811215	38.02895
#2	.0017932	.0021977	4.789719	.0813405	.0194633	.0812581	38.23121
#3	.0016933	.0023036	4.827351	.0817095	.0194468	.0807931	38.20367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7862108	7.423323	.0376048	.0020064	.3633017	.0611429	.3026165
Stddev	.0024972	.015260	.0001220	.0000981	.0785162	.0027743	.0038729
%RSD	.3176232	.2055683	.3243753	4.889424	21.61185	4.537353	1.279814

#1	.7840731	7.409401	.0374941	.0019139	.4412910	.0580363	.2998343
#2	.7889555	7.420931	.0377356	.0021093	.3643451	.0620192	.3009754
#3	.7856038	7.439638	.0375848	.0019961	.2842689	.0633732	.3070397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006225	-86.2768	-.112345	.0002574	2.204489	2.542556	.0111741
Stddev	.022283	.0494	.000192	.0001140	.001347	.010925	.0010498
%RSD	1.110712	.0572608	.1707884	44.26473	.0611164	.4296919	9.394560

#1	2.005812	-86.3320	-.112482	.0002379	2.204715	2.539088	.0099648
#2	1.984151	-86.2368	-.112427	.0001545	2.203042	2.554795	.0117066
#3	2.028712	-86.2614	-.112126	.0003799	2.205708	2.533787	.0118510

Sample Name: I5524-04LX5 Acquired: 10/11/2017 11:38:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8120643	.0240668	.0262585
Stddev	.0033050	.0004821	.0000350
%RSD	.4069941	2.003128	.1333859

#1	.8082783	.0244548	.0262189
#2	.8135413	.0242184	.0262711
#3	.8143733	.0235271	.0262855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	789.6210	1351.307	37372.46	10856.67	2711.060
Stddev	3.0148	10.550	138.98	48.83	12.796
%RSD	.3818087	.7807280	.3718739	.4497910	.4719742

#1	786.1438	1339.660	37219.65	10809.07	2696.331
#2	791.2159	1354.039	37491.31	10854.30	2717.418
#3	791.5034	1360.223	37406.43	10906.64	2719.432

Sample Name: PB103057BL Acquired: 10/11/2017 11:42:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002838	.0023541	-.000071	.0017262	-.000416	-.002751
Stddev	.001492	.0019559	.002674	.0051420	.000480	.001693
%RSD	52.54974	83.08641	3750.661	297.8828	115.4612	61.53315

#1	-.001836	.0003517	-.000865	-.000007	-.000103	-.002331
#2	-.002126	.0042600	.002910	-.002325	-.000969	-.004615
#3	-.004552	.0024505	-.002259	.007511	-.000176	-.001308

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001381	-.000047	.0000663	-.001646	-.000466	.0000986
Stddev	.000824	.000054	.0000672	.005136	.000090	.0001620
%RSD	59.64448	114.0442	101.4024	311.9740	19.25509	164.2162

#1	-.001595	-.000031	.0001056	-.002782	-.000369	-.000057
#2	-.000471	-.000003	-.000011	-.006119	-.000484	.000086
#3	-.002076	-.000107	.000105	.003962	-.000546	.000267

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002873	-.005858	-.000180	.0185587	-.000001	.0005190
Stddev	.0004410	.002184	.000506	.0078769	.000057	.0000557
%RSD	153.5334	37.29189	281.7832	42.44307	5080.185	10.73139

#1	-.000192	-.007025	.000082	.0264103	-.000052	.0005757
#2	.000377	-.007210	-.000763	.0106568	.000061	.0004644
#3	.000677	-.003338	.000142	.0186091	-.000012	.0005168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015413	.0002515	-.000424	-.102482	F .0593092	-.006030
Stddev	.059388	.0016379	.002433	.039297	.3144714	.000132
%RSD	385.3054	651.2660	573.0652	38.34562	530.2235	2.196796

#1	-.038972	.0013106	.002015	-.127538	.2270622	-.005900
#2	.052139	-.001635	-.000437	-.122718	.2543350	-.006165
#3	-.059407	.001079	-.002851	-.057191	-.303470	-.006024

Sample Name: PB103057BL Acquired: 10/11/2017 11:42:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	-.003831	-.002806	.0011052	.0001269	.0001227
Stddev	.000244	.003744	.000323	.0007307	.0005641	.0001361
%RSD	240.4581	97.71172	11.50170	66.11054	444.5784	110.8856

#1	.000162	-.006070	-.002573	.0010514	.0005604	.0000644
#2	-.000319	-.005914	-.002671	.0004029	-.000511	.0000256
#3	-.000147	.000491	-.003175	.0018613	.000331	.0002783

Elem	Sr4077
Units	ppm
Avg	-.000072
Stddev	.000034
%RSD	46.84892

#1	-.000088
#2	-.000096
#3	-.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	808.0734	1390.644	38039.34	11120.66	2940.213
Stddev	9.0621	5.067	390.95	338.79	13.729
%RSD	1.121441	.3643924	1.027749	3.046465	.4669504

#1	797.9162	1396.031	37690.97	10958.00	2955.008
#2	815.3304	1385.973	38462.16	11510.10	2927.883
#3	810.9734	1389.928	37964.89	10893.88	2937.749

Sample Name: PB103057BS Acquired: 10/11/2017 11:47:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0245530	.0559518	.0209100	.0731114	.1224291	.3703936
Stddev	.0041322	.0027210	.0004796	.0046270	.0014555	.0023026
%RSD	16.82953	4.863101	2.293754	6.328727	1.188812	.6216691

#1	.0201261	.0541873	.0205336	.0774956	.1223222	.3706926
#2	.0283081	.0590854	.0214500	.0682748	.1210301	.3725321
#3	.0252248	.0545826	.0207464	.0735637	.1239351	.3679560

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4411212	.0114861	.0111876	9.312394	.0239817	.0972255
Stddev	.0038269	.0000233	.0001678	.049997	.0013325	.0001510
%RSD	.8675463	.2027079	1.500265	.5368856	5.556411	.1552926

#1	.4449844	.0115117	.0110459	9.263399	.0248477	.0971042
#2	.4373316	.0114660	.0111439	9.310446	.0246502	.0971777
#3	.4410474	.0114807	.0113730	9.363336	.0224473	.0973946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520569	.2282243	.0328515	10.52384	.0825238	.0197837
Stddev	.0004745	.0025453	.0009790	.03036	.0010090	.0005186
%RSD	.9114966	1.115255	2.979947	.2884423	1.222683	2.621274

#1	.0525976	.2274448	.0339498	10.55335	.0814585	.0203544
#2	.0517097	.2261600	.0320705	10.52546	.0834650	.0196554
#3	.0518635	.2310682	.0325344	10.49270	.0826478	.0193414

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.542326	.1081322	.1301444	9.550491	F -1.86110	F .0179859
Stddev	.136829	.0013977	.0045933	.123790	.23933	.0002329
%RSD	1.433915	1.292580	3.529360	1.296161	12.85983	1.294764

#1	9.604264	.1092029	.1301418	9.686880	-1.84576	.0177204
#2	9.637234	.1065510	.1255524	9.519343	-2.10774	.0180813
#3	9.385481	.1086428	.1347389	9.445250	-1.62981	.0181559

Sample Name: PB103057BS Acquired: 10/11/2017 11:47:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0238525	.1729532	.1951255	F .0163396	.2024500	.0971102
Stddev	.0001441	.0047793	.0005904	.0003181	.0008608	.0007257
%RSD	.6042005	2.763363	.3026017	1.946628	.4251731	.7473034

#1	.0237496	.1770789	.1951405	.0166972	.2034382	.0978555
#2	.0240172	.1677161	.1957083	.0160883	.2020485	.0970692
#3	.0237906	.1740646	.1945277	.0162334	.2018633	.0964058

Elem	Sr4077
Units	ppm
Avg	.2223258
Stddev	.0011700
%RSD	.5262366

#1	.2236736
#2	.2215720
#3	.2217317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	782.7185	1345.611	36350.25	10627.67	2734.534
Stddev	6.4079	3.267	46.93	74.37	7.789
%RSD	.8186758	.2427943	.1290920	.6998002	.2848389

#1	778.6326	1342.302	36309.70	10565.88	2725.881
#2	790.1037	1348.835	36401.65	10606.90	2736.734
#3	779.4190	1345.697	36339.40	10710.22	2740.986

Sample Name: I5529-06 Acquired: 10/11/2017 11:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ491 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040682	-.009556	-.000264	-.001307	.0010551	.9893598	.0846384
Stddev	.0016502	.002498	.000492	.003537	.0003009	.0321855	.0004896
%RSD	40.56280	26.14269	185.9826	270.6015	28.51482	3.253164	.5784087

#1	.0056639	-.006990	-.000108	.002634	.0012170	.9528049	.0840988
#2	.0023684	-.009697	-.000815	-.004208	.0007080	1.001832	.0850540
#3	.0041724	-.011980	.000130	-.002348	.0012403	1.013443	.0847625

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	.0011176	11.66062	-.000840	.0086254	.0096685	34.48560
Stddev	.000154	.0001581	.07495	.000212	.0001587	.0002330	.22588
%RSD	172.0477	14.14335	.6427213	25.19133	1.839687	2.410173	.6550043

#1	.000067	.0012922	11.60349	-.000597	.0088085	.0096597	34.23420
#2	-.000241	.0010765	11.74547	-.000944	.0085399	.0094400	34.67147
#3	-.000095	.0009842	11.63288	-.000980	.0085279	.0099058	34.55115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.05845	10.27799	.0022747	.0023404	28.75699	-.000935	.0084598
Stddev	.08930	.02724	.0008792	.0004135	.18911	.001594	.0005761
%RSD	.7405226	.2650285	38.64945	17.66643	.6576191	170.5109	6.809835

#1	11.95916	10.30834	.0015580	.0021314	28.54050	.000684	.0085938
#2	12.13218	10.26995	.0020104	.0020731	28.84044	-.002502	.0078285
#3	12.08401	10.25567	.0032557	.0028166	28.89002	-.000986	.0089571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411559	-1.59072	-.083263	.0019892	-.050525	8.756709	.0022551
Stddev	.012603	.10575	.002057	.0001817	.002578	.199049	.0021132
%RSD	.8928385	6.647900	2.470243	9.132949	5.102327	2.273105	93.70637

#1	1.413840	-1.53889	-.084911	.0021023	-.049961	8.982460	.0041727
#2	1.422866	-1.52088	-.080958	.0017796	-.048276	8.606441	-.000010
#3	1.397971	-1.71239	-.083920	.0020857	-.053338	8.681228	.002603

Sample Name: I5529-06 Acquired: 10/11/2017 11:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ491 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0442799	-.000426	.2452746
Stddev	.0006850	.000237	.0010414
%RSD	1.547014	55.65953	.4245956

#1	.0434985	-.000332	.2441108
#2	.0445641	-.000251	.2461186
#3	.0447771	-.000696	.2455945

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	750.4965	1279.042	35727.55	10843.97	2635.575
Stddev	3.6528	6.585	122.78	50.58	8.775
%RSD	.4867146	.5148031	.3436499	.4664563	.3329281

#1	753.0308	1273.484	35800.65	10898.57	2628.109
#2	746.3094	1277.328	35585.80	10798.71	2633.376
#3	752.1491	1286.314	35796.20	10834.63	2645.240

Sample Name: I5529-07 Acquired: 10/11/2017 11:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4A5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080487	-.008311	.0044421	-.003418	-.000186	5.001287	.0644981
Stddev	.0071533	.003593	.0000638	.002670	.001495	.018836	.0000373
%RSD	88.87534	43.22869	1.436767	78.13097	805.8703	.3766177	.0578239

#1	.0049977	-.008120	.0044698	-.001873	.001246	5.020858	.0645214
#2	.0162216	-.004818	.0043691	-.006501	-.000066	4.999720	.0644551
#3	.0029268	-.011996	.0044874	-.001879	-.001737	4.983284	.0645178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002280	.0009400	11.25353	.0026063	.0029672	.0174545	34.36925
Stddev	.0001438	.0000705	.08061	.0000740	.0002346	.0004617	.27736
%RSD	63.05822	7.504331	.7162725	2.838069	7.905306	2.645215	.8070024

#1	.0001709	.0010166	11.34472	.0026050	.0032225	.0173082	34.68846
#2	.0003916	.0009255	11.22411	.0025330	.0027613	.0170836	34.23220
#3	.0001216	.0008778	11.19177	.0026809	.0029176	.0179716	34.18710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.264844	8.678989	.0053969	.0016558	32.94225	.0170793	.0068775
Stddev	.054305	.050568	.0004323	.0001485	.23745	.0022204	.0031777
%RSD	.8668256	.5826517	8.010720	8.966085	.7207932	13.00080	46.20422

#1	6.326758	8.736738	.0058939	.0015751	33.21418	.0147787	.0091927
#2	6.242487	8.642634	.0051077	.0018272	32.83662	.0172495	.0032546
#3	6.225286	8.657594	.0051891	.0015652	32.77595	.0192097	.0081853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6282262	-8.64268	-.093201	-.000312	.0275720	14.08685	.0003821
Stddev	.0410151	.30749	.000666	.000095	.0056292	.05150	.0007461
%RSD	6.528722	3.557841	.7146715	30.34960	20.41656	.3655768	195.2647

#1	.6534899	-8.33706	-.093349	-.000342	.0226285	14.12620	.0010704
#2	.6502866	-8.95201	-.092474	-.000206	.0263886	14.10579	.0004867
#3	.5809021	-8.63898	-.093781	-.000387	.0336988	14.02857	-.000411

Sample Name: I5529-07 Acquired: 10/11/2017 11:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4A5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4856523	.0000349	.2537491
Stddev	.0019391	.0002760	.0018685
%RSD	.3992800	789.8865	.7363566

#1	.4856794	-.000012	.2558990
#2	.4875778	.000331	.2528315
#3	.4836998	-.000215	.2525168

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	755.6569	1273.375	35770.95	10705.92	2594.660
Stddev	3.2254	1.068	29.43	66.97	3.844
%RSD	.4268402	.0838442	.0822723	.6255190	.1481503

#1	752.2567	1273.124	35792.83	10629.47	2597.059
#2	756.0407	1272.456	35737.49	10734.07	2590.226
#3	758.6732	1274.546	35782.54	10754.21	2596.695

Sample Name: I5570-04 Acquired: 10/11/2017 12:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471023	-.048558	.9851885	-.009137	.0084384	119.8322	1.243893
Stddev	.0045590	.000307	.0018045	.004574	.0008643	2.2697	.022692
%RSD	9.678894	.6314846	.1831613	50.05879	10.24283	1.894099	1.824270

#1	.0418435	-.048656	.9872547	-.009862	.0076864	121.4962	1.260151
#2	.0495236	-.048805	.9843884	-.004244	.0093827	117.2466	1.217969
#3	.0499397	-.048215	.9839225	-.013305	.0082462	120.7539	1.253561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083275	.0121504	32.87734	.2365639	.0976388	.3071248	254.4704
Stddev	.0001754	.0002268	.56034	.0018178	.0002659	.0072808	4.6616
%RSD	2.105690	1.866399	1.704323	.7684070	.2723101	2.370636	1.831898

#1	.0082687	.0122570	33.19569	.2365230	.0975393	.3113851	257.2196
#2	.0081890	.0123042	32.23034	.2384018	.0974371	.2987179	249.0880
#3	.0085246	.0118900	33.20597	.2347670	.0979401	.3112714	257.1036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.065091	34.92427	.1803146	.0086806	1.288297	.4520275	.7633233
Stddev	.049785	.60145	.0012369	.0006598	.042037	.0075264	.0058306
%RSD	1.624249	1.722141	.6859690	7.601300	3.262965	1.665027	.7638396

#1	3.096398	35.43640	.1803318	.0092995	1.322995	.4585542	.7572032
#2	3.007684	34.26197	.1790692	.0079863	1.300343	.4437944	.7688131
#3	3.091193	35.07444	.1815428	.0087561	1.241552	.4537340	.7639535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.85552	-487.005	-.751735	.0037235	2.228009	4.462423	.0327115
Stddev	.44583	2.430	.016344	.0001518	.017063	.084314	.0020833
%RSD	2.245381	.4989141	2.174171	4.077632	.7658236	1.889416	6.368755

#1	20.16226	-489.273	-.761892	.0038924	2.244234	4.508979	.0328686
#2	19.34410	-487.301	-.732881	.0036799	2.229578	4.365097	.0305540
#3	20.06019	-484.441	-.760431	.0035982	2.210217	4.513195	.0347118

Sample Name: I5570-04 Acquired: 10/11/2017 12:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.527825	.1077117	.1472294
Stddev	.060796	.0027585	.0028445
%RSD	1.723331	2.560985	1.931984

#1	3.570088	.1096049	.1491494
#2	3.458149	.1045468	.1439615
#3	3.555238	.1089835	.1485771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.4157	1359.105	37781.31	11438.95	2357.254
Stddev	3.2374	8.793	48.69	195.54	7.488
%RSD	.4143032	.6469343	.1288824	1.709451	.3176505

#1	784.4839	1349.968	37757.37	11282.51	2349.043
#2	778.0321	1359.839	37749.22	11658.18	2359.015
#3	781.7310	1367.507	37837.34	11376.17	2363.705

Sample Name: I5570-05 Acquired: 10/11/2017 12:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336174	-.031848	3.244080	-.005551	.0099625	95.04487	1.427541
Stddev	.0006659	.003938	.013079	.003213	.0008862	.36713	.004356
%RSD	1.980813	12.36459	.4031654	57.88165	8.895744	.3862669	.3051219

#1	.0340572	-.027501	3.252152	-.006032	.0109742	94.62216	1.426536
#2	.0339438	-.032867	3.251097	-.008497	.0093232	95.22845	1.432312
#3	.0328513	-.035176	3.228990	-.002125	.0095902	95.28399	1.423776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067311	.0152531	28.67970	.2301279	.0817994	.4025079	204.2380
Stddev	.0000657	.0001466	.15145	.0030126	.0001927	.0007742	1.4044
%RSD	.9760323	.9612601	.5280832	1.309082	.2355262	.1923306	.6876423

#1	.0067960	.0153364	28.70508	.2325787	.0816576	.4033409	203.0505
#2	.0066647	.0153391	28.51715	.2310403	.0817217	.4023723	203.8751
#3	.0067327	.0150838	28.81685	.2267646	.0820187	.4018106	205.7882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.643613	36.79494	.2046121	.0085511	1.317788	.3601747	2.004097
Stddev	.026699	.16298	.0022110	.0003755	.030691	.0039207	.015430
%RSD	1.009925	.4429407	1.080565	4.391583	2.328946	1.088543	.7699058

#1	2.620525	36.62674	.2038887	.0081716	1.299580	.3566064	2.008196
#2	2.637467	36.80595	.2070941	.0085592	1.300563	.3643717	1.987032
#3	2.672849	36.95214	.2028534	.0089225	1.353222	.3595460	2.017063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.30195	-355.978	-.588803	.0110939	3.686917	2.336492	.0703615
Stddev	.21979	1.704	.001989	.0003363	.023467	.007627	.0029135
%RSD	.6804270	.4786437	.3377836	3.031072	.6364920	.3264342	4.140683

#1	32.06497	-357.117	-.588483	.0111956	3.692673	2.340563	.0680536
#2	32.49911	-356.797	-.586993	.0107185	3.706971	2.327693	.0693958
#3	32.34177	-354.019	-.590932	.0113675	3.661108	2.341220	.0736352

Sample Name: I5570-05 Acquired: 10/11/2017 12:07:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.166944	.1522455	.2130274
Stddev	.022390	.0011044	.0002623
%RSD	.4333347	.7254258	.1231118

#1	5.145150	.1529681	.2127246
#2	5.165795	.1527944	.2131822
#3	5.189886	.1509742	.2131755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	737.0131	1267.656	36091.06	10881.87	2343.486
Stddev	8.5805	8.736	145.72	37.76	10.184
%RSD	1.164230	.6891122	.4037562	.3470380	.4345478

#1	737.8702	1259.164	36085.96	10901.60	2335.813
#2	745.1329	1267.188	36239.27	10905.68	2339.605
#3	728.0362	1276.616	35947.96	10838.33	2355.039

Sample Name: I5570-06 Acquired: 10/11/2017 12:11:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651284	-.068557	2.244902	-.014531	.0114731	98.20633	1.237593
Stddev	.0099714	.003549	.020886	.003305	.0014002	.38157	.004213
%RSD	15.31034	5.177301	.9303833	22.74303	12.20458	.3885407	.3404155

#1	.0687864	-.072058	2.236394	-.011151	.0128995	98.64264	1.242441
#2	.0538446	-.068651	2.268699	-.014688	.0114190	97.93502	1.234821
#3	.0727541	-.064961	2.229612	-.017755	.0101006	98.04135	1.235516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084179	.0241584	34.86115	.2651874	.0740936	.4977887	342.7697
Stddev	.0001542	.0004314	.16169	.0017897	.0008266	.0024889	2.0882
%RSD	1.831388	1.785713	.4638100	.6748667	1.115632	.4999869	.6092128

#1	.0085923	.0239779	35.04785	.2645132	.0736210	.4996738	345.0633
#2	.0083618	.0246507	34.76679	.2638328	.0750481	.4949675	340.9786
#3	.0082996	.0238466	34.76882	.2672162	.0736117	.4987248	342.2672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.555695	26.55294	.1796142	.0130523	1.644565	.5486297	2.390719
Stddev	.020267	.25324	.0021658	.0005074	.072994	.0032724	.043681
%RSD	.5699730	.9537027	1.205831	3.887406	4.438516	.5964700	1.827121

#1	3.576960	26.74685	.1781313	.0134241	1.576329	.5520962	2.430009
#2	3.536602	26.26644	.1820997	.0132585	1.721532	.5455940	2.398467
#3	3.553522	26.64554	.1786116	.0124742	1.635833	.5481989	2.343683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77080	-389.929	-1.00784	.0064120	3.875602	2.595745	.1535974
Stddev	.06850	3.549	.00415	.0002986	.042105	.014716	.0022928
%RSD	.4637758	.9100871	.4115930	4.656779	1.086421	.5669304	1.492768

#1	14.81913	-388.351	-1.01168	.0064757	3.851349	2.611571	.1562348
#2	14.69240	-393.994	-1.00344	.0066737	3.924221	2.582472	.1524788
#3	14.80087	-387.444	-1.00841	.0060868	3.851236	2.593193	.1520785

Sample Name: I5570-06 Acquired: 10/11/2017 12:11:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.961983	.0947542	.2008234
Stddev	.007271	.0004059	.0004586
%RSD	.2454901	.4283944	.2283627

#1	2.970247	.0952209	.2012269
#2	2.956564	.0944829	.2003246
#3	2.959139	.0945588	.2009185

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	718.2659	1229.975	36125.08	11007.16	2266.315
Stddev	6.6537	7.671	113.72	65.81	17.753
%RSD	.9263611	.6236810	.3147999	.5979033	.7833490

#1	716.0606	1233.665	36039.69	10934.35	2273.755
#2	712.9947	1221.156	36081.37	11062.42	2246.052
#3	725.7422	1235.103	36254.17	11024.69	2279.137

Sample Name: I5570-07 Acquired: 10/11/2017 12:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322441	-.025993	1.769449	.0000349	.0120234	75.60054	1.079396
Stddev	.0113664	.003541	.008459	.0040104	.0020939	.14487	.001117
%RSD	35.25120	13.62328	.4780376	11488.43	17.41486	.1916257	.1035044

#1	.0453432	-.028076	1.766503	.0034396	.0137364	75.44908	1.079754
#2	.0249828	-.021904	1.778987	.0010510	.0126446	75.73776	1.080290
#3	.0264064	-.027999	1.762857	-.004386	.0096893	75.61479	1.078143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052954	.0116625	28.16892	.1747442	.0571977	.2989558	163.4266
Stddev	.0001334	.0001588	.04618	.0010072	.0000945	.0019429	.3849
%RSD	2.520065	1.361974	.1639307	.5763922	.1652854	.6499114	.2354951

#1	.0052394	.0118100	28.13409	.1740099	.0572145	.2985388	162.9906
#2	.0054477	.0116832	28.15138	.1743304	.0570959	.3010734	163.5698
#3	.0051991	.0114943	28.22130	.1758925	.0572828	.2972553	163.7193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.011950	30.89140	.1317574	.0065558	1.036888	.3240014	1.245394
Stddev	.005939	.06158	.0009105	.0002501	.063829	.0005057	.011228
%RSD	.2951948	.1993501	.6910697	3.815744	6.155789	.1560737	.9015329

#1	2.005099	30.84461	.1327093	.0064260	1.080228	.3234205	1.253245
#2	2.015646	30.86843	.1316683	.0068442	1.066844	.3242409	1.232534
#3	2.015105	30.96117	.1308948	.0063972	.963591	.3243429	1.250403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.52406	-222.818	-.468304	.0059232	3.179637	1.940040	.0758829
Stddev	.08565	1.583	.001260	.0001201	.010792	.006406	.0019390
%RSD	.4887742	.7104056	.2691014	2.027704	.3394221	.3301833	2.555247

#1	17.49195	-224.157	-.468721	.0057849	3.172521	1.943418	.0777334
#2	17.62112	-223.226	-.466889	.0060012	3.192055	1.932652	.0738661
#3	17.45910	-221.071	-.469304	.0059836	3.174335	1.944049	.0760492

Sample Name: I5570-07 Acquired: 10/11/2017 12:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.006756	.0924551	.2029186
Stddev	.007559	.0004080	.0004485
%RSD	.1886505	.4413014	.2210441

#1	3.998050	.0925975	.2027133
#2	4.010568	.0927729	.2034330
#3	4.011649	.0919950	.2026094

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	734.4028	1258.986	36209.45	10933.01	2384.671
Stddev	8.0696	12.863	95.20	41.82	17.688
%RSD	1.098801	1.021677	.2629069	.3825173	.7417398

#1	726.7423	1247.164	36111.45	10892.06	2371.668
#2	733.6388	1257.108	36215.32	10931.33	2377.532
#3	742.8273	1272.684	36301.58	10975.65	2404.813

Sample Name: I5570-08 Acquired: 10/11/2017 12:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313436	-.029529	1.464966	-.001608	.0068696	68.04834	.9092021
Stddev	.0036990	.004637	.005317	.003150	.0024771	.10812	.0015518
%RSD	11.80134	15.70312	.3629296	195.9148	36.05890	.1588810	.1706774

#1	.0345652	-.026588	1.465415	.000974	.0095492	68.15988	.9096189
#2	.0321614	-.027124	1.470044	-.000680	.0046633	67.94401	.9105029
#3	.0273042	-.034874	1.459439	-.005117	.0063962	68.04114	.9074845

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061314	.0099644	18.49526	.1816402	.0570245	.2307133	163.1128
Stddev	.0002545	.0001961	.08775	.0011244	.0004199	.0009835	.5103
%RSD	4.150147	1.967681	.4744225	.6190323	.7364014	.4262927	.3128575

#1	.0059852	.0100206	18.41268	.1803557	.0574689	.2302689	162.9048
#2	.0064253	.0097464	18.48572	.1821184	.0566343	.2318406	162.7394
#3	.0059838	.0101263	18.58739	.1824464	.0569703	.2300305	163.6943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983463	19.26836	.1056134	.0061553	.7455784	.2753276	1.296720
Stddev	.009369	.09437	.0015925	.0000999	.0347218	.0019322	.010473
%RSD	.4723471	.4897647	1.507808	1.622861	4.657023	.7017898	.8076212

#1	1.974771	19.34630	.1057963	.0061021	.7738449	.2774744	1.284720
#2	1.982233	19.16344	.1071065	.0060932	.7560695	.2737279	1.304011
#3	1.993387	19.29533	.1039374	.0062705	.7068209	.2747805	1.301429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.37664	-254.126	-.473910	.0038857	1.666461	3.681566	.0446567
Stddev	.06414	1.220	.000961	.0000795	.006017	.014825	.0030382
%RSD	.5637647	.4800515	.2027665	2.045345	.3610910	.4026801	6.803416

#1	11.44651	-253.856	-.474794	.0037946	1.665979	3.692386	.0433916
#2	11.32043	-255.458	-.472887	.0039407	1.672706	3.687645	.0424555
#3	11.36299	-253.064	-.474048	.0039218	1.660700	3.664668	.0481230

Sample Name: I5570-08 Acquired: 10/11/2017 12:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.340544	.0795322	.1161676
Stddev	.005825	.0003868	.0001081
%RSD	.2488636	.4863049	.0930499

#1	2.333932	.0799383	.1162049
#2	2.344916	.0791682	.1162521
#3	2.342785	.0794900	.1160458

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	790.2529	1354.215	38188.69	11346.76	2476.716
Stddev	2.4276	4.870	110.18	37.00	5.158
%RSD	.3071893	.3596295	.2885085	.3261176	.2082777

#1	789.5167	1348.604	38121.76	11310.44	2471.754
#2	788.2787	1356.692	38128.45	11345.41	2476.344
#3	792.9634	1357.348	38315.85	11384.41	2482.051

Sample Name: I5570-09 Acquired: 10/11/2017 12:23:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744150	-.026915	1.060442	.0056139	.0131422	100.1543	.6989002
Stddev	.0044798	.007076	.005201	.0021273	.0006006	.8036	.0048858
%RSD	6.020030	26.28899	.4904688	37.89405	4.570168	.8023808	.6990743

#1	.0793846	-.019922	1.056855	.0080678	.0134400	100.5225	.7005059
#2	.0706870	-.026753	1.058065	.0044812	.0135357	100.7078	.7027811
#3	.0731733	-.034071	1.066407	.0042926	.0124509	99.2325	.6934135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079623	.0084531	20.22197	.1989874	.0551208	.2296627	179.3595
Stddev	.0001498	.0000966	.08021	.0027761	.0007294	.0021813	.4518
%RSD	1.880878	1.142130	.3966270	1.395090	1.323353	.9497928	.2518943

#1	.0078462	.0085569	20.29908	.2019072	.0543570	.2318702	179.8062
#2	.0081313	.0084366	20.13899	.1963818	.0551951	.2275086	179.3696
#3	.0079093	.0083659	20.22782	.1986731	.0558102	.2296094	178.9028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.246078	24.41034	.1449646	.0067385	.9972358	.4787630	.7833422
Stddev	.005346	.26172	.0009904	.0000498	.0326393	.0014516	.0130946
%RSD	.2379985	1.072163	.6831773	.7391309	3.272982	.3031954	1.671631

#1	2.251661	24.46183	.1446678	.0067150	.9971262	.4771521	.7964903
#2	2.245567	24.64248	.1441567	.0067047	1.029930	.4791674	.7703018
#3	2.241006	24.12670	.1460695	.0067957	.964651	.4799695	.7832344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.476531	-306.764	-.537062	.0088760	3.436320	4.209209	.0308774
Stddev	.082476	2.826	.002958	.0003467	.036950	.005621	.0031880
%RSD	1.273463	.9212948	.5507652	3.905761	1.075281	.1335347	10.32479

#1	6.506636	-304.761	-.540471	.0090855	3.398320	4.214702	.0323715
#2	6.539725	-305.536	-.535549	.0084758	3.438519	4.203469	.0330440
#3	6.383231	-309.997	-.535167	.0090667	3.472122	4.209457	.0272167

Sample Name: I5570-09 Acquired: 10/11/2017 12:23:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.332822	.0967101	.1040502
Stddev	.010858	.0009157	.0007278
%RSD	.4654610	.9468384	.6994819

#1	2.343844	.0967264	.1041840
#2	2.332489	.0976176	.1047018
#3	2.322135	.0957864	.1032648

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	767.4989	1316.071	37200.36	11135.60	2416.948
Stddev	.6135	2.468	173.60	46.36	11.071
%RSD	.0799350	.1874951	.4666518	.4163623	.4580485

#1	766.9061	1314.347	37040.14	11099.94	2424.228
#2	768.1312	1318.898	37176.15	11118.85	2422.408
#3	767.4595	1314.967	37384.79	11188.01	2404.208

Sample Name: I5570-10 Acquired: 10/11/2017 12:27:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744634	-.026361	1.048803	.0042567	.0120070	99.80505	.6977613
Stddev	.0073878	.002120	.009586	.0015768	.0031210	.09070	.0004724
%RSD	9.921443	8.041356	.9139867	37.04192	25.99316	.0908770	.0677068

#1	.0758523	-.025556	1.039691	.0044437	.0122136	99.89913	.6980144
#2	.0664797	-.028765	1.047918	.0025947	.0087878	99.71816	.6980532
#3	.0810582	-.024761	1.058801	.0057316	.0150196	99.79785	.6972162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078364	.0081568	20.19844	.1966993	.0547296	.2274442	178.2778
Stddev	.0000662	.0001643	.25810	.0008714	.0004555	.0018045	.8811
%RSD	.8446203	2.014730	1.277809	.4430251	.8323454	.7933769	.4942179

#1	.0077643	.0079901	20.14635	.1974994	.0549414	.2278436	177.7777
#2	.0078945	.0081616	19.97036	.1968276	.0542067	.2290156	177.7607
#3	.0078503	.0083186	20.47861	.1957708	.0550406	.2254735	179.2952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.238689	24.24527	.1433608	.0060139	1.039275	.4798387	.7842622
Stddev	.014384	.07526	.0005347	.0001201	.013019	.0048370	.0033288
%RSD	.6425201	.3104281	.3729750	1.997533	1.252747	1.008050	.4244486

#1	2.231840	24.24245	.1439572	.0059317	1.032605	.4748984	.7804636
#2	2.229009	24.17145	.1432011	.0059583	1.030943	.4800524	.7866706
#3	2.255217	24.32190	.1429241	.0061518	1.054278	.4845653	.7856523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.465197	-306.099	-.531966	.0088662	3.403490	4.203254	.0297459
Stddev	.020603	1.015	.003075	.0004624	.020389	.012704	.0007035
%RSD	.3186730	.3316332	.5779714	5.215440	.5990624	.3022509	2.365034

#1	6.447826	-304.978	-.529628	.0085944	3.388725	4.205228	.0303388
#2	6.487960	-306.363	-.535448	.0086041	3.394991	4.189678	.0299304
#3	6.459806	-306.956	-.530821	.0094001	3.426754	4.214856	.0289685

Sample Name: I5570-10 Acquired: 10/11/2017 12:27:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.326771	.0964598	.1038878
Stddev	.007962	.0004702	.0001040
%RSD	.3421984	.4874111	.1000942

#1	2.325370	.0964127	.1039498
#2	2.319602	.0969517	.1037678
#3	2.335341	.0960150	.1039459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.0943	1323.139	37354.03	11162.30	2428.205
Stddev	7.2815	3.053	131.28	29.64	3.389
%RSD	.9479958	.2307517	.3514360	.2655335	.1395788

#1	759.7017	1324.589	37204.89	11153.69	2431.148
#2	772.7305	1319.631	37405.15	11195.30	2424.500
#3	771.8507	1325.197	37452.06	11137.92	2428.968

Sample Name: CCV043 Acquired: 10/11/2017 12:31:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041525	4.742638	23.36738	5.157984	5.216123	386.7716
Stddev	.061972	.039066	.13905	.061894	.046878	1.1697
%RSD	1.229233	.8237224	.5950574	1.199964	.8987141	.3024225

#1	4.987926	4.704313	23.36689	5.103639	5.171240	388.1021
#2	5.027265	4.741197	23.22858	5.144960	5.212359	385.9051
#3	5.109384	4.782405	23.50668	5.225354	5.264769	386.3076

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.776521	.5026506	2.439188	375.9810	14.70617	2.399856
Stddev	.066249	.0031171	.011209	2.0539	.04570	.013584
%RSD	.6776331	.6201284	.4595497	.5462757	.3107854	.5660262

#1	9.765268	.5051878	2.442612	373.9548	14.75246	2.400257
#2	9.716619	.5035929	2.426667	378.0615	14.70496	2.386076
#3	9.847676	.4991711	2.448287	375.9268	14.66108	2.413235

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40719	400.0030	14.53165	405.5354	2.413141	1.255099
Stddev	.07153	.7597	.03485	.3082	.012026	.002979
%RSD	.4642750	.1899261	.2398464	.0759993	.4983343	.2373824

#1	15.48951	399.3360	14.53340	405.4815	2.412618	1.254458
#2	15.36025	400.8300	14.56559	405.8670	2.401386	1.258346
#3	15.37179	399.8432	14.49595	405.2577	2.425420	1.252492

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.8246	2.452797	15.53390	154.3683	F 6.291117	F 3.992954
Stddev	1.1402	.014707	.10332	.8334	.329412	.015586
%RSD	.2902596	.5996044	.6651408	.5398739	5.236146	.3903313

#1	394.1304	2.444775	15.41841	155.3279	6.236675	4.000597
#2	392.0257	2.469771	15.56573	153.9514	6.644358	4.003243
#3	392.3178	2.443845	15.61756	153.8257	5.992317	3.975022

Sample Name: CCV043 Acquired: 10/11/2017 12:31:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093330	4.991816	4.781312	4.860292	4.869138	5.112953
Stddev	.043824	.054023	.015463	.021309	.009745	.035585
%RSD	.8604239	1.082225	.3233982	.4384344	.2001393	.6959732

#1	5.058844	4.958216	4.785265	4.843004	4.877528	5.153894
#2	5.078501	4.963101	4.794415	4.853773	4.858449	5.089453
#3	5.142645	5.054133	4.764257	4.884099	4.871437	5.095514

Elem	Sr4077
Units	ppm
Avg	4.940408
Stddev	.042860
%RSD	.8675434

#1	4.973250
#2	4.956051
#3	4.891924

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	598.5829	1021.076	29667.28	9511.175	1776.360
Stddev	1.4890	10.130	50.19	39.794	14.357
%RSD	.2487579	.9920870	.1691781	.4183972	.8082412

#1	599.0210	1028.898	29615.98	9480.990	1781.954
#2	599.8037	1024.697	29669.58	9496.263	1787.077
#3	596.9240	1009.633	29716.28	9556.271	1760.047

Sample Name: CCB043 Acquired: 10/11/2017 12:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001219	.0005304	.0000056	-.003788	-.000727	.0154196
Stddev	.001395	.0007506	.0006940	.001388	.000583	.0059844
%RSD	114.4330	141.5066	12383.39	36.63645	80.24362	38.81059

#1	.000368	.0007193	.0000147	-.004331	-.001197	.0218722
#2	-.001776	-.000297	.0006951	-.004821	-.000908	.0143352
#3	-.002250	.001168	-.000693	-.002210	-.000074	.0100515

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002235	-.000050	.0001499	.0025316	-.000048	-.000018
Stddev	.000313	.000097	.0001151	.0033451	.000328	.000285
%RSD	14.00795	192.5962	76.75060	132.1326	686.2157	1626.563

#1	-.002438	-.000090	.0000350	-.001054	.000325	.000154
#2	-.002392	-.000120	.0001496	.003080	-.000176	-.000347
#3	-.001874	.000060	.0002652	.005569	-.000292	.000140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009152	.0163119	.0006090	.0432864	.0002177	.0003557
Stddev	.0007033	.0040640	.0002359	.0156063	.0006336	.0001131
%RSD	76.84326	24.91418	38.73398	36.05359	291.1145	31.78600

#1	.0016987	.0143846	.0003392	.0612021	.0007051	.0003676
#2	.0007085	.0135702	.0007765	.0360110	-.000499	.0002371
#3	.0003385	.0209810	.0007112	.0326463	.000446	.0004622

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080155	.0006567	-.002443	-.091876	F -.031770	.0050928
Stddev	.0595887	.0004687	.002582	.020735	.045370	.0011330
%RSD	743.4162	71.37626	105.6771	22.56831	142.8086	22.24743

#1	-.059989	.0011771	.000461	-.074021	.020421	.0062641
#2	.051090	.0005252	-.004477	-.114618	-.053921	.0050118
#3	.032946	.0002677	-.003313	-.086990	-.061810	.0040025

Sample Name: CCB043 Acquired: 10/11/2017 12:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004583	-.003322	-.002597	.0012194	.0000728	.0005122
Stddev	.0001771	.003316	.000549	.0006905	.0004454	.0005432
%RSD	38.63479	99.83020	21.14243	56.63160	612.1084	106.0590

#1	.0003875	-.006093	-.002453	.0018169	-.000259	.0011316
#2	.0003277	.000353	-.003203	.0004634	-.000102	.0001168
#3	.0006599	-.004226	-.002134	.0013778	.000579	.0002882

Elem	Sr4077
Units	ppm
Avg	.0001446
Stddev	.0000500
%RSD	34.57468

#1	.0002024
#2	.0001144
#3	.0001172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.7825	1351.698	37195.55	10761.98	2882.584
Stddev	6.0004	12.133	96.90	56.11	11.275
%RSD	.7675333	.8975922	.2605018	.5213745	.3911248

#1	786.5138	1341.954	37287.97	10711.13	2873.702
#2	775.0332	1347.851	37094.72	10752.65	2878.784
#3	783.8006	1365.287	37203.96	10822.18	2895.268

Sample Name: I5570-11 Acquired: 10/11/2017 12:40:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1470721	.0967263	1.137823	.0923990	.0806943	108.2533	4.963912
Stddev	.0082959	.0027277	.004977	.0038250	.0011839	.3833	.022080
%RSD	5.640734	2.820007	.4373732	4.139627	1.467139	.3540326	.4448167

#1	.1562514	.0996145	1.132442	.0960257	.0794267	108.6723	4.987838
#2	.1401100	.0963701	1.142259	.0927687	.0808849	107.9205	4.959578
#3	.1448551	.0941942	1.138769	.0884026	.0817714	108.1669	4.944320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013633	.1098369	22.45888	.6121976	1.103726	.7446787	183.7091
Stddev	.0009815	.0007802	.24094	.0017138	.003666	.0057594	.9140
%RSD	.9682510	.7103020	1.072810	.2799364	.3321607	.7734091	.4975388

#1	.1006641	.1089373	22.24805	.6120748	1.100709	.7512484	183.0502
#2	.1009405	.1102456	22.40707	.6139694	1.102662	.7422879	183.3245
#3	.1024853	.1103278	22.72151	.6105485	1.107806	.7404996	184.7526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.321542	25.32629	1.217329	.0066811	1.086907	1.551990	1.841521
Stddev	.030044	.05420	.000801	.0000426	.016986	.006778	.003569
%RSD	.9045178	.2140148	.0657928	.6371866	1.562762	.4367251	.1938144

#1	3.300674	25.36416	1.218006	.0067300	1.079112	1.547306	1.840500
#2	3.307975	25.26421	1.216445	.0066520	1.106391	1.548901	1.845490
#3	3.355977	25.35052	1.217536	.0066614	1.075217	1.559762	1.838574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.041582	-317.952	-.538786	.0089226	3.653595	7.244078	.0459141
Stddev	.072152	.716	.006290	.0006918	.015246	.020076	.0012599
%RSD	1.024651	.2251319	1.167383	7.752912	.4172812	.2771299	2.744101

#1	7.119097	-317.140	-.540688	.0084884	3.652509	7.258181	.0444596
#2	7.029272	-318.224	-.531765	.0085590	3.638921	7.221093	.0466145
#3	6.976378	-318.492	-.543905	.0097203	3.669354	7.252958	.0466681

Sample Name: I5570-11 Acquired: 10/11/2017 12:40:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.614484	.1019237	.1136372
Stddev	.008346	.0012702	.0003298
%RSD	.3192154	1.246203	.2902041

#1	2.606400	.1033791	.1140099
#2	2.613983	.1013529	.1133832
#3	2.623069	.1010390	.1135186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	760.2421	1309.702	37192.86	11183.90	2410.968
Stddev	6.7639	11.377	172.13	63.28	9.335
%RSD	.8897066	.8686639	.4627953	.5657696	.3871775

#1	752.5225	1298.160	36999.26	11131.03	2403.115
#2	763.0745	1310.040	37250.72	11254.01	2408.501
#3	765.1294	1320.907	37328.60	11166.67	2421.289

Sample Name: I5570-09LX5 Acquired: 10/11/2017 12:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189840	-.005884	.2237745	.0014092	.0017748	20.37378	.1429178
Stddev	.0057065	.001186	.0028645	.0029309	.0015552	.07325	.0004890
%RSD	30.05932	20.16181	1.280083	207.9877	87.62562	.3595214	.3421761

#1	.0167605	-.006728	.2245061	-.001545	.0034361	20.33625	.1424730
#2	.0147240	-.006396	.2262022	.001456	.0003538	20.45818	.1434415
#3	.0254675	-.004528	.2206151	.004316	.0015345	20.32690	.1428389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017176	.0013565	4.345978	.0426464	.0106470	.0475589	38.63406
Stddev	.0000079	.0001171	.033267	.0005777	.0002373	.0008713	.12864
%RSD	.4620958	8.634762	.7654565	1.354589	2.228915	1.832020	.3329602

#1	.0017204	.0014423	4.347680	.0429082	.0108451	.0466404	38.76745
#2	.0017237	.0014042	4.311894	.0419842	.0107119	.0476624	38.51077
#3	.0017086	.0012230	4.378362	.0430468	.0103839	.0483738	38.62398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4806178	5.151730	.0285565	.0014610	.2202130	.1010598	.1583377
Stddev	.0012229	.004238	.0001493	.0001921	.0772692	.0015663	.0035703
%RSD	.2544382	.0822557	.5228930	13.14755	35.08841	1.549893	2.254857

#1	.4792074	5.151842	.0284565	.0016811	.1518661	.1008840	.1543790
#2	.4812635	5.155910	.0284849	.0013272	.3040560	.0995889	.1613139
#3	.4813825	5.147437	.0287281	.0013747	.2047169	.1027067	.1593200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237874	-59.4976	-.118540	.0019942	.6875639	.4993366	.0084647
Stddev	.016061	.5005	.000280	.0006892	.0023023	.0046355	.0007924
%RSD	1.297453	.8412453	.2358767	34.55920	.3348481	.9283303	9.360903

#1	1.222225	-58.9412	-.118738	.0027837	.6883080	.5002120	.0078574
#2	1.237080	-59.6403	-.118220	.0016862	.6849816	.4943258	.0081757
#3	1.254317	-59.9113	-.118661	.0015127	.6894022	.5034720	.0093610

Sample Name: I5570-09LX5 Acquired: 10/11/2017 12:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4654840	.0191264	.0215248
Stddev	.0022914	.0002125	.0000409
%RSD	.4922674	1.111054	.1900261

#1	.4637540	.0190014	.0214885
#2	.4680828	.0193717	.0215691
#3	.4646153	.0190060	.0215168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	787.9882	1350.968	37096.18	10821.89	2729.934
Stddev	4.2350	7.353	40.91	34.93	6.676
%RSD	.5374500	.5442723	.1102901	.3227665	.2445373

#1	785.9586	1346.742	37060.38	10795.40	2723.197
#2	785.1499	1346.704	37140.78	10808.79	2730.060
#3	792.8561	1359.459	37087.37	10861.47	2736.547

Sample Name: I5570-12 Acquired: 10/11/2017 12:48:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509509	-.022081	.8354981	.0007199	.0080609	67.02020	.7127982
Stddev	.0028392	.004172	.0048793	.0074932	.0021815	.27077	.0024205
%RSD	5.572357	18.89250	.5840013	1040.818	27.06278	.4040187	.3395743

#1	.0536983	-.024008	.8384384	.0091943	.0099933	67.28097	.7153107
#2	.0511262	-.024942	.8298658	-.002005	.0084940	67.03920	.7126022
#3	.0480281	-.017295	.8381902	-.005030	.0056953	66.74043	.7104816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050184	.0078806	51.70662	.1896989	.0430694	.2229475	130.0368
Stddev	.0001508	.0001964	.24596	.0011416	.0006354	.0010668	.3474
%RSD	3.004474	2.492275	.4756857	.6017944	1.475283	.4785014	.2671424

#1	.0050282	.0080024	51.47096	.1902047	.0434825	.2223440	130.3111
#2	.0048630	.0076540	51.96173	.1905002	.0433880	.2223192	130.1532
#3	.0051640	.0079853	51.68718	.1883918	.0423378	.2241792	129.6462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.315966	40.03417	.1231197	.0057528	.7558932	.3782125	1.035550
Stddev	.004492	.26199	.0007028	.0005462	.0491229	.0046851	.018607
%RSD	.1939402	.6544223	.5708346	9.495052	6.498664	1.238760	1.796851

#1	2.316258	40.26279	.1223814	.0063696	.7038339	.3757790	1.015128
#2	2.320304	40.09143	.1231969	.0055586	.8014276	.3836136	1.051543
#3	2.311335	39.74828	.1237807	.0053302	.7624180	.3752449	1.039979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.940047	-248.955	-.392023	.0067492	3.811546	1.695600	.0744988
Stddev	.021265	2.095	.000492	.0002837	.023601	.009611	.0004783
%RSD	1.096116	.8415758	.1254443	4.203680	.6191914	.5668287	.6420481

#1	1.955409	-251.239	-.392573	.0070544	3.801117	1.705994	.0750511
#2	1.948955	-247.122	-.391870	.0064934	3.794957	1.693771	.0742172
#3	1.915776	-248.503	-.391626	.0066998	3.838565	1.687035	.0742281

Sample Name: I5570-12 Acquired: 10/11/2017 12:48:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305410	.0717744	.0704132
Stddev	.000985	.0003422	.0002794
%RSD	.0754366	.4767911	.3968395

#1	1.306392	.0721669	.0706433
#2	1.304423	.0715387	.0704940
#3	1.305416	.0716175	.0701023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	753.3672	1297.521	36669.66	10974.18	2432.593
Stddev	4.0262	5.607	28.14	61.92	10.324
%RSD	.5344318	.4321656	.0767334	.5642004	.4244129

#1	756.4596	1291.212	36637.33	10924.83	2421.107
#2	748.8146	1301.936	36688.64	10954.07	2441.099
#3	754.8275	1299.416	36683.00	11043.65	2435.574

Sample Name: I5570-13 Acquired: 10/11/2017 12:52:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0704816	-.032604	3.250377	-.001787	.0163091	64.61574	1.258362
Stddev	.0044234	.003577	.008872	.002406	.0003612	.04647	.001847
%RSD	6.275971	10.97013	.2729558	134.6488	2.214488	.0719109	.1467786

#1	.0688157	-.031852	3.252453	-.001841	.0159234	64.56226	1.258901
#2	.0671331	-.036497	3.240651	.000646	.0163644	64.63872	1.256306
#3	.0754961	-.029464	3.258027	-.004166	.0166394	64.64623	1.259880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057099	.0141232	25.04462	.2011894	.0544129	.4900093	175.8890
Stddev	.0001077	.0003011	.23341	.0026375	.0001425	.0012493	.3667
%RSD	1.885531	2.131970	.9319799	1.310954	.2618389	.2549539	.2084916

#1	.0057237	.0138427	25.31409	.1998497	.0543810	.4900140	175.5706
#2	.0055960	.0140855	24.90549	.1994906	.0545686	.4887577	176.2900
#3	.0058100	.0144413	24.91427	.2042278	.0542891	.4912562	175.8064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.539010	21.86928	.1493513	.0086535	1.326236	.3848687	2.078122
Stddev	.010332	.04420	.0011778	.0000738	.069348	.0012868	.011291
%RSD	.4069297	.2020922	.7886058	.8527748	5.228963	.3343423	.5433481

#1	2.528615	21.85423	.1505782	.0086881	1.369970	.3852607	2.065116
#2	2.549278	21.83458	.1482297	.0085687	1.246277	.3834315	2.083829
#3	2.539135	21.91904	.1492458	.0087036	1.362461	.3859138	2.085421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34811	-239.916	-.503302	.0096672	3.759616	2.261956	.0782082
Stddev	.02245	1.328	.003599	.0002828	.023273	.004949	.0038345
%RSD	.1978230	.5537091	.7150742	2.925343	.6190271	.2187922	4.902969

#1	11.35583	-239.286	-.507050	.0098996	3.747060	2.266952	.0780567
#2	11.36567	-241.442	-.499874	.0097497	3.786471	2.257055	.0744516
#3	11.32282	-239.019	-.502980	.0093523	3.745317	2.261861	.0821162

Sample Name: I5570-13 Acquired: 10/11/2017 12:52:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.721219	.0689782	.1779987
Stddev	.003009	.0006357	.0003187
%RSD	.1105723	.9215513	.1790382

#1	2.717745	.0682966	.1781708
#2	2.722974	.0695548	.1776309
#3	2.722939	.0690832	.1781943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	741.3732	1251.811	36581.54	11018.21	2394.998
Stddev	2.3986	5.718	153.19	51.41	7.464
%RSD	.3235320	.4567452	.4187705	.4666243	.3116345

#1	738.7209	1255.495	36644.50	10959.06	2395.663
#2	743.3901	1254.714	36693.21	11043.47	2402.107
#3	742.0086	1245.225	36406.89	11052.11	2387.225

Sample Name: I5570-14 Acquired: 10/11/2017 12:56:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562204	-.046230	2.187253	-.009085	.0107386	93.09586	1.267350
Stddev	.0105769	.001059	.006853	.002587	.0020435	.08884	.002160
%RSD	18.81332	2.290982	.3133191	28.47375	19.02964	.0954288	.1704263

#1	.0634689	-.045028	2.183372	-.008828	.0128737	93.19328	1.269680
#2	.0440835	-.046634	2.183222	-.006636	.0088009	93.07497	1.265414
#3	.0611088	-.047027	2.195166	-.011791	.0105412	93.01932	1.266956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067900	.0199572	73.48555	.2296594	.0730752	.4470167	234.4971
Stddev	.0001617	.0001936	.31719	.0023630	.0012442	.0024537	.4525
%RSD	2.381243	.9703143	.4316410	1.028927	1.702626	.5489146	.1929544

#1	.0066857	.0197378	73.41801	.2269812	.0722628	.4453618	234.5213
#2	.0067081	.0201041	73.83107	.2305469	.0724551	.4458525	234.9370
#3	.0069763	.0200298	73.20757	.2314503	.0745076	.4498358	234.0331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.249866	52.13355	.1758207	.0094998	1.420814	.4463503	2.192271
Stddev	.015492	.16652	.0022441	.0006440	.053717	.0044026	.023109
%RSD	.4766910	.3194125	1.276333	6.778768	3.780733	.9863559	1.054127

#1	3.242034	51.97300	.1757417	.0099545	1.365501	.4513980	2.192593
#2	3.267710	52.12220	.1736171	.0097819	1.472779	.4433040	2.169002
#3	3.239854	52.30546	.1781032	.0087629	1.424160	.4443487	2.215217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08954	-356.798	-.659570	.0052769	4.004705	2.338348	.0857045
Stddev	.03935	1.131	.000226	.0005401	.015708	.016308	.0017810
%RSD	.2607480	.3169696	.0342422	10.23528	.3922361	.6974001	2.078091

#1	15.04860	-356.590	-.659727	.0047986	3.987052	2.356429	.0838671
#2	15.09295	-355.786	-.659672	.0051694	4.017139	2.333860	.0858230
#3	15.12707	-358.019	-.659311	.0058626	4.009924	2.324754	.0874232

Sample Name: I5570-14 Acquired: 10/11/2017 12:56:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.828793	.0963644	.2048108
Stddev	.002787	.0006780	.0002560
%RSD	.0985191	.7035963	.1250047

#1	2.829885	.0969408	.2049299
#2	2.830868	.0965350	.2045170
#3	2.825625	.0956174	.2049856

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	718.3798	1234.635	35772.81	10991.23	2259.768
Stddev	5.3815	3.921	180.53	17.62	2.812
%RSD	.7491165	.3175560	.5046648	.1603394	.1244211

#1	720.3171	1230.228	35952.84	11001.30	2257.516
#2	722.5245	1237.735	35773.81	10970.88	2262.919
#3	712.2979	1235.943	35591.77	11001.50	2258.868

Sample Name: I5570-15 Acquired: 10/11/2017 13:00:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534659	-.048878	1.124719	-.008527	.0096586	108.0481	.8533951
Stddev	.0085544	.002451	.003049	.005679	.0026675	.5293	.0041143
%RSD	15.99978	5.014280	.2710512	66.59419	27.61816	.4898292	.4821071

#1	.0453312	-.046056	1.124501	-.013791	.0108728	108.0321	.8514082
#2	.0526806	-.050102	1.121785	-.009280	.0115029	108.5851	.8581258
#3	.0623859	-.050476	1.127870	-.002510	.0065999	107.5270	.8506514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088464	.0162592	49.59647	.2618867	.0836124	.3321429	272.4659
Stddev	.0000840	.0000831	.17363	.0024058	.0000227	.0030755	1.1430
%RSD	.9491965	.5113275	.3500831	.9186560	.0271993	.9259456	.4195124

#1	.0088386	.0163466	49.77649	.2613622	.0836122	.3305491	273.7774
#2	.0089341	.0162499	49.43003	.2645114	.0835898	.3356881	271.9386
#3	.0087667	.0161812	49.58287	.2597863	.0836353	.3301914	271.6818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.695792	41.62075	.1484975	.0098367	1.948315	.4302170	1.052687
Stddev	.005425	.23240	.0004307	.0003051	.041799	.0037511	.019287
%RSD	.2012511	.5583822	.2900443	3.101487	2.145370	.8719129	1.832172

#1	2.701462	41.80046	.1484204	.0099024	1.956115	.4342605	1.069138
#2	2.695264	41.70349	.1481105	.0095041	1.985665	.4268504	1.031461
#3	2.690650	41.35830	.1489615	.0101035	1.903167	.4295402	1.057462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.649507	-180.855	-.820418	.0040827	1.279682	2.174916	.0356611
Stddev	.116593	.410	.006173	.0005368	.007084	.008572	.0043921
%RSD	1.208278	.2267677	.7523905	13.14678	.5536086	.3941411	12.31614

#1	9.606634	-180.518	-.816129	.0036474	1.284193	2.178145	.0345206
#2	9.781467	-180.736	-.827493	.0046825	1.283336	2.181405	.0319517
#3	9.560421	-181.312	-.817633	.0039184	1.271517	2.165198	.0405109

Sample Name: I5570-15 Acquired: 10/11/2017 13:00:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.010103	.0979946	.1829081
Stddev	.013660	.0012611	.0008127
%RSD	.4537898	1.286894	.4443318

#1	3.007381	.0980601	.1827999
#2	3.024918	.0992216	.1837695
#3	2.998009	.0967020	.1821549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.0221	1317.588	37184.46	11253.27	2348.309
Stddev	7.1751	7.134	116.40	45.74	7.860
%RSD	.9342255	.5414119	.3130248	.4064311	.3347283

#1	761.4097	1311.563	37101.32	11218.68	2339.640
#2	775.6513	1315.737	37317.49	11235.99	2350.314
#3	767.0054	1325.465	37134.57	11305.12	2354.972

Sample Name: I5570-16 Acquired: 10/11/2017 13:04:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387631	-.041473	1.591920	-.012557	.0101016	97.69701	1.127026
Stddev	.0058614	.003029	.004889	.003167	.0011492	.37568	.003040
%RSD	15.12117	7.304565	.3071394	25.21757	11.37666	.3845382	.2697546

#1	.0413706	-.039354	1.586512	-.008901	.0111111	97.56870	1.125769
#2	.0428683	-.044942	1.593222	-.014429	.0103428	98.12004	1.130494
#3	.0320503	-.040121	1.596027	-.014341	.0088509	97.40229	1.124816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076854	.0158988	71.07377	.2799863	.0844021	.4001323	233.5828
Stddev	.0000874	.0004336	.10990	.0007321	.0006224	.0038860	1.1482
%RSD	1.137053	2.727511	.1546324	.2614611	.7374166	.9711915	.4915461

#1	.0076080	.0155283	71.19873	.2808307	.0837330	.3984704	233.7910
#2	.0076680	.0157924	71.03047	.2795978	.0845097	.4045729	234.6126
#3	.0077802	.0163757	70.99211	.2795303	.0849637	.3973535	232.3447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.386221	43.69493	.2038403	.0084258	1.407832	.4682868	1.584689
Stddev	.036500	.29930	.0019341	.0003001	.007220	.0008741	.008085
%RSD	.5715372	.6849719	.9488570	3.562160	.5128234	.1866639	.5101974

#1	6.370062	43.60168	.2019336	.0080796	1.400211	.4684824	1.575356
#2	6.428011	44.02975	.2037863	.0086130	1.408716	.4690466	1.589556
#3	6.360590	43.45336	.2058008	.0085848	1.414569	.4673314	1.589154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68942	-336.409	-.676210	.0094276	3.744641	7.133299	.0384613
Stddev	.13356	1.320	.003235	.0001697	.007814	.044013	.0014734
%RSD	.9091989	.3924702	.4783874	1.800055	.2086627	.6170133	3.830877

#1	14.59710	-335.359	-.678284	.0093730	3.736374	7.170336	.0375428
#2	14.84256	-337.892	-.677863	.0096179	3.751905	7.144921	.0376803
#3	14.62859	-335.978	-.672483	.0092919	3.745643	7.084642	.0401608

Sample Name: I5570-16 Acquired: 10/11/2017 13:04:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.975533	.1130095	.3230181
Stddev	.019049	.0010124	.0009666
%RSD	.4791529	.8958054	.2992291

#1	3.965924	.1124293	.3232807
#2	3.997472	.1141785	.3238262
#3	3.963202	.1124208	.3219474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	761.0419	1308.278	37270.04	11229.05	2313.612
Stddev	2.1874	2.208	71.24	58.49	1.439
%RSD	.2874225	.1687897	.1911576	.5208374	.0622156

#1	762.4011	1306.748	37227.45	11199.61	2314.870
#2	762.2061	1310.809	37230.38	11191.13	2313.922
#3	758.5186	1307.275	37352.29	11296.40	2312.042

Sample Name: I5570-17 Acquired: 10/11/2017 13:08:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439685	-.094410	4.166748	-.011782	.0056159	88.13531	2.413619
Stddev	.0044407	.007023	.021074	.004981	.0031051	.06067	.004839
%RSD	10.09974	7.438325	.5057602	42.27823	55.29125	.0688365	.2004749

#1	.0461453	-.099812	4.190333	-.017273	.0053059	88.19253	2.414064
#2	.0388594	-.096946	4.160145	-.007552	.0088644	88.14170	2.418220
#3	.0469008	-.086472	4.149767	-.010521	.0026775	88.07170	2.408573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094654	.0464553	53.24851	.3518884	.1066442	1.040397	484.8806
Stddev	.0002164	.0003621	.29594	.0023926	.0010702	.004616	1.8142
%RSD	2.286429	.7794313	.5557705	.6799336	1.003475	.4437156	.3741607

#1	.0092155	.0468576	52.98632	.3502939	.1074867	1.044620	482.9014
#2	.0095882	.0461555	53.18980	.3507317	.1054401	1.041101	485.2757
#3	.0095926	.0463528	53.56940	.3546395	.1070059	1.035468	486.4648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.280372	36.15158	.4330928	.0301697	2.673306	.3128304	4.137951
Stddev	.008874	.04917	.0014637	.0003874	.041085	.0054817	.062851
%RSD	.2705133	.1360194	.3379553	1.283972	1.536868	1.752277	1.518888

#1	3.270125	36.09543	.4347487	.0302193	2.671516	.3111624	4.094620
#2	3.285527	36.18700	.4325575	.0305298	2.633146	.3189524	4.109198
#3	3.285463	36.17230	.4319721	.0297599	2.715258	.3083766	4.210035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56922	-397.408	-1.44578	.0229386	8.585365	2.458499	1.239202
Stddev	.09011	2.293	.01065	.0006097	.054172	.025807	.004222
%RSD	.5787491	.5770055	.7364803	2.657828	.6309785	1.049702	.3407270

#1	15.67321	-399.715	-1.43371	.0235938	8.620305	2.433177	1.243851
#2	15.51431	-397.379	-1.44979	.0223880	8.612829	2.484765	1.235606
#3	15.52013	-395.129	-1.45384	.0228340	8.522962	2.457555	1.238149

Sample Name: I5570-17 Acquired: 10/11/2017 13:08:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.655885	.0949061	.2688477
Stddev	.001522	.0005079	.0006854
%RSD	.0416199	.5351041	.2549195

#1	3.655793	.0954616	.2687960
#2	3.657450	.0947911	.2695574
#3	3.654411	.0944656	.2681896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	746.6775	1271.949	36483.91	10852.81	2310.762
Stddev	9.3061	10.970	262.44	24.55	15.518
%RSD	1.246337	.8624543	.7193362	.2262188	.6715396

#1	750.7177	1259.579	36628.23	10881.05	2293.012
#2	753.2807	1275.774	36642.52	10836.51	2317.516
#3	736.0341	1280.495	36180.98	10840.88	2321.759

Sample Name: I5570-18 Acquired: 10/11/2017 13:12:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162251	-.084993	13.37266	-.008021	-.011843	34.74610	1.930286
Stddev	.0027848	.004339	.02948	.003801	.002134	.06435	.002962
%RSD	17.16339	5.104917	.2204253	47.38538	18.01571	.1852129	.1534266

#1	.0132827	-.082412	13.35673	-.010295	-.012411	34.81544	1.933705
#2	.0188196	-.090002	13.40667	-.010136	-.009483	34.73457	1.928518
#3	.0165731	-.082564	13.35457	-.003633	-.013635	34.68829	1.928635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058797	.0314306	30.90167	.4437252	.0579296	2.493505	425.5553
Stddev	.0002803	.0003775	.09063	.0054498	.0003576	.009197	.9252
%RSD	4.767830	1.201122	.2932771	1.228198	.6173694	.3688404	.2174193

#1	.0061823	.0310460	30.95117	.4380457	.0578112	2.503333	424.9058
#2	.0056288	.0314453	30.95677	.4442180	.0576461	2.492074	426.6147
#3	.0058281	.0318006	30.79707	.4489119	.0583314	2.485107	425.1454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996756	11.11917	.2311729	.0182056	2.078544	.1385514	9.251566
Stddev	.006073	.07315	.0002349	.0002838	.041865	.0038065	.060456
%RSD	.3041501	.6579051	.1016237	1.558953	2.014134	2.747328	.6534650

#1	1.991278	11.11865	.2311078	.0184728	2.034664	.1411256	9.249881
#2	2.003287	11.19259	.2314335	.0179076	2.082917	.1341790	9.191970
#3	1.995704	11.04628	.2309773	.0182364	2.118050	.1403496	9.312846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.331317	-239.085	-1.28148	.0801321	22.08569	2.170556	1.977432
Stddev	.020265	1.699	.00277	.0006035	.17974	.008593	.007233
%RSD	.4678797	.7107968	.2161210	.7531184	.8138201	.3958850	.3657806

#1	4.354203	-237.123	-1.28086	.0808287	21.87925	2.160882	1.969086
#2	4.315647	-240.041	-1.27907	.0798002	22.17040	2.177302	1.981323
#3	4.324101	-240.092	-1.28450	.0797675	22.20743	2.173486	1.981887

Sample Name: I5570-18 Acquired: 10/11/2017 13:12:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.605084	.0353027	.1801427
Stddev	.001713	.0004925	.0002146
%RSD	.1066981	1.394954	.1191340

#1	1.604326	.0353270	.1802847
#2	1.607044	.0347986	.1798958
#3	1.603880	.0357826	.1802476

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	713.7903	1226.048	34812.06	10305.90	2424.581
Stddev	5.3963	12.095	27.21	22.37	12.098
%RSD	.7560131	.9864816	.0781639	.2170209	.4989546

#1	713.3167	1212.162	34841.68	10281.42	2412.441
#2	719.4078	1231.706	34788.18	10311.03	2424.667
#3	708.6463	1234.277	34806.31	10325.26	2436.636

Sample Name: I5570-19 Acquired: 10/11/2017 13:16:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403554	-.053320	.0955552	-.008863	.0067890	108.4525	.4269718
Stddev	.0019718	.003518	.0041005	.004979	.0018316	.0457	.0008865
%RSD	4.886028	6.597809	4.291271	56.18117	26.97924	.0420953	.2076129

#1	.0391862	-.056177	.1002203	-.003114	.0067770	108.4505	.4259714
#2	.0392480	-.049391	.0939243	-.011704	.0086265	108.4079	.4276594
#3	.0426319	-.054393	.0925210	-.011772	.0049633	108.4992	.4272847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100158	.0121252	.4194463	.2567508	.0927380	.1695459	269.5781
Stddev	.0000752	.0003877	.1106273	.0004908	.0008743	.0012886	.3096
%RSD	.7507828	3.197789	26.37459	.1911454	.9427384	.7600028	.1148559

#1	.0099771	.0119121	.5463596	.2570652	.0937454	.1690817	269.5756
#2	.0099677	.0125728	.3434141	.2561852	.0922909	.1685538	269.2697
#3	.0101024	.0118907	.3685651	.2570019	.0921777	.1710023	269.8890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.686619	29.17908	.1367854	.0083937	2.186867	.4332373	.3466870
Stddev	.008481	.08559	.0009405	.0004042	.084504	.0019480	.0032198
%RSD	.5028302	.2933195	.6875860	4.815274	3.864176	.4496280	.9287335

#1	1.678266	29.24232	.1363914	.0081556	2.165277	.4353874	.3503575
#2	1.686369	29.21324	.1378589	.0081651	2.115253	.4327343	.3453641
#3	1.695222	29.08169	.1361060	.0088604	2.280072	.4315901	.3443393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.425733	-193.585	-.802466	.0024543	.6813291	2.707800	.0149393
Stddev	.034557	2.292	.004492	.0001816	.0022160	.007934	.0022537
%RSD	.7808205	1.183777	.5598264	7.400673	.3252398	.2930147	15.08564

#1	4.386974	-195.110	-.807028	.0023130	.6803680	2.716733	.0129113
#2	4.436896	-194.695	-.798047	.0023906	.6838634	2.705095	.0145411
#3	4.453329	-190.950	-.802324	.0026592	.6797560	2.701572	.0173656

Sample Name: I5570-19 Acquired: 10/11/2017 13:16:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.337470	.1148871	.0380735
Stddev	.007102	.0004472	.0001957
%RSD	.1637471	.3892689	.5140921

#1	4.330373	.1150458	.0378816
#2	4.337459	.1152334	.0382729
#3	4.344577	.1143822	.0380660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	851.8287	1457.307	40918.41	12232.95	2403.132
Stddev	7.3043	8.522	68.75	10.87	16.917
%RSD	.8574884	.5847949	.1680074	.0888467	.7039626

#1	859.5970	1458.195	40990.78	12233.19	2398.731
#2	850.7895	1448.376	40910.46	12243.70	2388.851
#3	845.0996	1465.351	40853.98	12221.97	2421.815

Sample Name: I5570-20 Acquired: 10/11/2017 13:20:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341056	-.035825	.2046387	-.001822	.0036246	86.12823	.4610033
Stddev	.0019540	.000327	.0027836	.002219	.0011355	.63630	.0029823
%RSD	5.729233	.9134515	1.360262	121.7815	31.32677	.7387869	.6469040

#1	.0322700	-.035872	.2069400	-.001080	.0033053	86.80834	.4643745
#2	.0361596	-.036125	.2015447	-.000070	.0026830	86.02893	.4599262
#3	.0338872	-.035476	.2054313	-.004318	.0048855	85.54741	.4587093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063704	.0074567	8.419597	.1810887	.0659000	.1425802	179.8520
Stddev	.0001494	.0003161	.079706	.0002621	.0001903	.0015859	.8597
%RSD	2.344937	4.238658	.9466684	.1447066	.2887541	1.112286	.4780215

#1	.0063092	.0073959	8.473723	.1809969	.0660966	.1441586	180.8445
#2	.0065407	.0077988	8.328068	.1813844	.0658867	.1425951	179.3745
#3	.0062613	.0071755	8.456999	.1808850	.0657167	.1409869	179.3370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.349764	19.46789	.1172868	.0061210	.9029786	.2938583	.4910277
Stddev	.007438	.06037	.0011356	.0003651	.0528605	.0020122	.0079675
%RSD	.5510625	.3101139	.9682535	5.964766	5.854017	.6847368	1.622618

#1	1.358149	19.53702	.1160182	.0057058	.9108384	.2961569	.4820084
#2	1.347181	19.42552	.1176335	.0063917	.9514691	.2924155	.4939653
#3	1.343962	19.44113	.1182086	.0062656	.8466282	.2930026	.4971093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.568604	-208.355	-.527007	.0021847	.7439958	2.036931	.0151660
Stddev	.066205	1.368	.003796	.0002577	.0079486	.016864	.0018479
%RSD	1.449131	.6566087	.7202850	11.79702	1.068362	.8278988	12.18487

#1	4.636187	-209.909	-.530057	.0020370	.7419276	2.054624	.0141832
#2	4.565758	-207.819	-.528208	.0024823	.7527740	2.035128	.0172977
#3	4.503869	-207.335	-.522756	.0020347	.7372858	2.021041	.0140171

Sample Name: I5570-20 Acquired: 10/11/2017 13:20:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.050294	.0857560	.0546634
Stddev	.010159	.0009283	.0001719
%RSD	.4954771	1.082489	.3145483

#1	2.062018	.0864658	.0548541
#2	2.044109	.0860968	.0546162
#3	2.044755	.0847055	.0545201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	774.9377	1333.285	37459.36	11285.52	2469.530
Stddev	1.8406	7.856	115.11	61.96	13.196
%RSD	.2375221	.5892134	.3072995	.5489783	.5343482

#1	774.7888	1325.710	37478.49	11217.10	2455.406
#2	776.8483	1332.752	37563.71	11301.65	2471.640
#3	773.1761	1341.394	37335.88	11337.82	2481.543

Sample Name: I5570-21 Acquired: 10/11/2017 13:24:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464665	-.025305	.5752075	-.002427	.0041279	76.73179	.6809490
Stddev	.0057066	.002042	.0030171	.005790	.0009449	.41474	.0053480
%RSD	12.28112	8.071271	.5245170	238.5727	22.88995	.5405071	.7853691

#1	.0505372	-.025801	.5739284	.001087	.0030716	77.15945	.6869054
#2	.0489186	-.027053	.5730407	-.009110	.0044195	76.33131	.6765596
#3	.0399437	-.023060	.5786534	.000742	.0048926	76.70460	.6793819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063510	.0069991	6.740354	.1541944	.0515181	.6761636	158.6648
Stddev	.0000849	.0001624	.058081	.0002431	.0003344	.0064766	1.1475
%RSD	1.337133	2.319711	.8616856	.1576398	.6490009	.9578461	.7232174

#1	.0062773	.0068197	6.734369	.1539182	.0517397	.6835811	158.7560
#2	.0064438	.0070417	6.685498	.1542898	.0511335	.6716294	157.4744
#3	.0063317	.0071359	6.801196	.1543754	.0516811	.6732801	159.7639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8138052	20.96024	.1061712	.0054046	1.340091	.2754420	.5097786
Stddev	.0066020	.12784	.0005297	.0002176	.034195	.0005818	.0073878
%RSD	.8112562	.6099067	.4989261	4.025707	2.551727	.2112190	1.449220

#1	.8112725	20.99796	.1055981	.0056414	1.378421	.2749321	.5101750
#2	.8088445	20.81779	.1062725	.0053586	1.329138	.2753183	.5022005
#3	.8212986	21.06498	.1066429	.0052136	1.312714	.2760758	.5169602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.402089	-159.278	-.473833	.0034643	1.955845	3.356545	.0322200
Stddev	.094779	1.133	.004490	.0002095	.018798	.025510	.0017923
%RSD	1.128036	.7114202	.9476838	6.048118	.9611275	.7599966	5.562768

#1	8.511235	-159.717	-.472869	.0036981	1.974728	3.374079	.0307012
#2	8.354466	-160.127	-.469904	.0032934	1.955673	3.327280	.0341969
#3	8.340565	-157.992	-.478728	.0034015	1.937133	3.368276	.0317619

Sample Name: I5570-21 Acquired: 10/11/2017 13:24:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.238771	.0814814	.0650247
Stddev	.011953	.0010568	.0004510
%RSD	.5339131	1.296995	.6935444

#1	2.242335	.0824109	.0654876
#2	2.225442	.0817014	.0645867
#3	2.248537	.0803319	.0649997

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.9179	1374.429	38673.24	11452.27	2495.425
Stddev	3.0082	7.691	74.95	48.48	8.449
%RSD	.3737217	.5595621	.1938108	.4232973	.3385971

#1	807.9310	1365.987	38603.45	11411.45	2486.900
#2	804.9079	1376.263	38752.47	11505.85	2495.578
#3	801.9147	1381.037	38663.80	11439.51	2503.797

Sample Name: I5570-22 Acquired: 10/11/2017 13:28:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441477	-.040530	.5160829	-.006091	.0069155	105.4044	.8016827
Stddev	.0013462	.000725	.0049028	.000900	.0025699	.5022	.0036851
%RSD	3.049239	1.789305	.9500049	14.77606	37.16127	.4764061	.4596719

#1	.0447212	-.039875	.5215616	-.005947	.0093327	104.9734	.8004601
#2	.0426097	-.041310	.5145786	-.005272	.0071975	105.9558	.8058238
#3	.0451121	-.040406	.5121085	-.007055	.0042162	105.2840	.7987643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088671	.0111146	43.30159	.2096125	.0823920	.2721634	222.3487
Stddev	.0000848	.0003676	.24820	.0006360	.0003870	.0026835	.3997
%RSD	.9558103	3.307298	.5731857	.3033987	.4696794	.9860025	.1797672

#1	.0089639	.0115256	43.39330	.2103458	.0825766	.2724917	222.1647
#2	.0088062	.0110007	43.02059	.2092808	.0826521	.2746676	222.0742
#3	.0088313	.0108174	43.49088	.2092110	.0819473	.2693308	222.8073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789713	39.86227	.1603058	.0075890	1.729360	.3633809	.6426466
Stddev	.005574	.11245	.0012150	.0000413	.071145	.0014451	.0023620
%RSD	.1163694	.2821054	.7579514	.5436180	4.113944	.3976773	.3675441

#1	4.784561	39.73409	.1598445	.0076270	1.666813	.3642638	.6437203
#2	4.788949	39.90838	.1616839	.0075950	1.806758	.3617132	.6399384
#3	4.795630	39.94434	.1593890	.0075451	1.714508	.3641656	.6442810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.90221	-293.100	-.652189	.0035011	1.037092	3.916711	.0656907
Stddev	.14943	.853	.001874	.0001785	.001524	.010354	.0034804
%RSD	1.074871	.2909621	.2873755	5.097115	.1469760	.2643655	5.298207

#1	13.82720	-294.074	-.650093	.0033696	1.038583	3.911865	.0695699
#2	14.07429	-292.486	-.652770	.0034294	1.035536	3.909667	.0646607
#3	13.80514	-292.739	-.653704	.0037043	1.037157	3.928600	.0628416

Sample Name: I5570-22 Acquired: 10/11/2017 13:28:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.883709	.0983578	.1489105
Stddev	.009019	.0009045	.0004176
%RSD	.3127724	.9195911	.2804146

#1	2.876752	.0978688	.1485551
#2	2.893900	.0994015	.1493704
#3	2.880475	.0978030	.1488061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	842.1028	1445.861	39923.32	11940.67	2394.466
Stddev	5.6893	4.931	69.09	24.26	7.626
%RSD	.6756007	.3410729	.1730597	.2031840	.3185013

#1	836.4704	1440.213	39873.44	11937.82	2385.685
#2	841.9908	1449.315	39894.33	11917.96	2398.280
#3	847.8473	1448.055	40002.18	11966.23	2399.432

Sample Name: PB103049BL Acquired: 10/11/2017 13:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007384	.0002672	-.000185	-.001802	.0005832	-.001936
Stddev	.0016655	.0021736	.001227	.004048	.0005623	.002546
%RSD	225.5484	813.6195	661.7455	224.6110	96.42182	131.5122

#1	-.001086	.0013537	-.000591	-.001824	.0002739	-.004230
#2	.001124	-.002236	.001193	-.005840	.0012322	-.002381
#3	.002177	.001683	-.001158	.002257	.0002434	.000803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001392	-.000129	-.000079	-.011245	.0001034	.0001043
Stddev	.000483	.000018	.000084	.006150	.0003209	.0002097
%RSD	34.68852	13.63658	107.3426	54.68574	310.1731	201.1275

#1	-.001906	-.000115	-.000047	-.008726	.0004739	-.000096
#2	-.001323	-.000124	-.000174	-.006755	-.000075	.000322
#3	-.000948	-.000149	-.000014	-.018255	-.000088	.000087

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007706	.0005364	-.000197	.0268242	.0000017	.0003918
Stddev	.0015987	.0031504	.000251	.0094527	.0004671	.0001796
%RSD	207.4492	587.2760	127.2035	35.23957	28089.29	45.83557

#1	.0016217	-.002255	-.000053	.0326441	.0005029	.0001944
#2	.0017638	.003952	-.000487	.0159173	-.000421	.0005455
#3	-.001074	-.000087	-.000051	.0319113	-.000077	.0004356

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054548	-.000983	-.004369	-.076668	F .0886814	-.007494
Stddev	.034355	.002168	.003134	.012109	.1442442	.000158
%RSD	62.98185	220.6293	71.72817	15.79460	162.6544	2.104070

#1	-.025354	-.001198	-.000922	-.088838	.2010228	-.007331
#2	-.045883	-.003036	-.007045	-.064620	-.073983	-.007646
#3	-.092406	.001285	-.005140	-.076547	.139005	-.007505

Sample Name: PB103049BL Acquired: 10/11/2017 13:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000346	-.004815	-.002310	.0024227	.0006395	-.000233
Stddev	.000065	.001077	.000525	.0014545	.0006902	.000330
%RSD	18.79347	22.36044	22.71239	60.03492	107.9399	141.9619

#1	-.000410	-.003572	-.002404	.0025931	.0006485	-.000291
#2	-.000347	-.005457	-.002781	.0008905	-.000055	.000123
#3	-.000280	-.005416	-.001744	.0037844	.001325	-.000530

Elem	Sr4077
Units	ppm
Avg	-.000062
Stddev	.000021
%RSD	33.54780

#1	-.000039
#2	-.000065
#3	-.000080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	813.2229	1402.935	37906.15	10835.06	2945.614
Stddev	1.6412	3.429	76.18	49.33	7.513
%RSD	.2018155	.2443941	.2009571	.4552417	.2550533

#1	813.9880	1398.989	37850.66	10789.40	2938.654
#2	814.3419	1405.194	37874.79	10828.40	2953.579
#3	811.3388	1404.621	37993.00	10887.38	2944.609

Sample Name: PB103049BS Acquired: 10/11/2017 13:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0219782	.0524238	.0207521	.0711819	.1166808	.3720329
Stddev	.0026415	.0015054	.0014479	.0006806	.0021574	.0054804
%RSD	12.01860	2.871585	6.977292	.9562171	1.848936	1.473105

#1	.0236903	.0507392	.0218863	.0718481	.1144114	.3704367
#2	.0233082	.0528949	.0191212	.0712102	.1187052	.3675278
#3	.0189361	.0536373	.0212487	.0704876	.1169258	.3781343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5401080	.0110834	.0108856	9.138968	.0243593	.0949124
Stddev	.0013321	.0001987	.0000954	.036809	.0003492	.0000314
%RSD	.2466282	1.792322	.8764772	.4027701	1.433675	.0331098

#1	.5400350	.0108596	.0109301	9.104328	.0243854	.0948768
#2	.5388139	.0112387	.0109506	9.134959	.0239978	.0949243
#3	.5414750	.0111520	.0107761	9.177618	.0246948	.0949362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501691	F .2612268	.0332259	10.11646	.0805439	.0188502
Stddev	.0011168	.0037337	.0003392	.05466	.0003905	.0003697
%RSD	2.226057	1.429304	1.020949	.5402590	.4848494	1.960979

#1	.0491546	.2586577	.0335497	10.07815	.0807251	.0185382
#2	.0499868	.2595130	.0328731	10.09218	.0808109	.0192585
#3	.0513658	.2655098	.0332548	10.17905	.0800957	.0187540

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.143450	.1029949	.1312112	8.866170	F -2.03217	F .0148781
Stddev	.094968	.0008144	.0020607	.022352	.10408	.0016258
%RSD	1.038647	.7906920	1.570527	.2521047	5.121466	10.92746

#1	9.148224	.1036733	.1304061	8.843535	-2.12903	.0131644
#2	9.046185	.1032198	.1335530	8.866748	-1.92213	.0163988
#3	9.235942	.1020918	.1296746	8.888227	-2.04536	.0150713

Sample Name: PB103049BS Acquired: 10/11/2017 13:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0233094	.2005332	.1879311	F .0170442	.1957189	.0937831
Stddev	.0004025	.0013772	.0012057	.0009127	.0017048	.0005761
%RSD	1.726905	.6867810	.6415423	5.355046	.8710371	.6143122

#1	.0235982	.1991349	.1866211	.0175754	.1951642	.0933224
#2	.0234804	.2005763	.1889941	.0159903	.1943605	.0944290
#3	.0228496	.2018884	.1881781	.0175669	.1976319	.0935978

Elem	Sr4077
Units	ppm
Avg	.2160824
Stddev	.0006577
%RSD	.3043680

#1	.2161045
#2	.2154139
#3	.2167287

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	780.9095	1350.821	36468.90	10752.63	2746.012
Stddev	7.9819	1.623	162.54	8.09	2.535
%RSD	1.022128	.1201801	.4456881	.0752358	.0922983

#1	780.0607	1351.384	36319.96	10760.09	2746.838
#2	789.2819	1348.991	36642.27	10753.76	2743.168
#3	773.3860	1352.088	36444.46	10744.03	2748.031

Sample Name: I5500-16 Acquired: 10/11/2017 13:41:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929112	-.011907	1.176521	.0003449	.0071056	46.39369	.8912138
Stddev	.0074333	.002518	.005295	.0077447	.0022150	.38246	.0077409
%RSD	8.000481	21.14990	.4500915	2245.669	31.17211	.8243769	.8685826

#1	.0844947	-.011251	1.170708	.0059015	.0092458	46.77868	.8984356
#2	.0985778	-.009782	1.177783	.0036347	.0072481	46.38858	.8921644
#3	.0956611	-.014688	1.181071	-.008502	.0048228	46.01381	.8830415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018104	.0045195	10.75445	.0664125	.0073112	.1091032	77.70961
Stddev	.0001894	.0001227	.09819	.0007413	.0004815	.0015104	1.08570
%RSD	10.46359	2.714078	.9130226	1.116222	6.586067	1.384380	1.397128

#1	.0016888	.0046479	10.86390	.0656702	.0072235	.1107332	78.82417
#2	.0017136	.0045071	10.72535	.0664145	.0068796	.1088254	77.64939
#3	.0020286	.0044035	10.67410	.0671529	.0078306	.1077509	76.65527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3252251	4.077824	.0278944	.0047453	.3023876	.1110596	1.286840
Stddev	.0048912	.040818	.0007141	.0001668	.0435498	.0025240	.013975
%RSD	1.503940	1.000967	2.560131	3.515963	14.40197	2.272699	1.086009

#1	.3307045	4.114607	.0272443	.0046532	.2724952	.1093249	1.290793
#2	.3236713	4.084953	.0277800	.0046448	.3523540	.1139553	1.298413
#3	.3212996	4.033911	.0286588	.0049379	.2823135	.1098987	1.271314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257286	-156.657	-.225073	.0021893	.3937060	7.572952	.0269727
Stddev	.009354	1.201	.001536	.0001599	.0056322	.093550	.0037782
%RSD	.7439798	.7666425	.6823536	7.304291	1.430568	1.235314	14.00758

#1	1.265324	-156.841	-.226840	.0023739	.3884324	7.665247	.0239604
#2	1.247019	-157.755	-.224320	.0020937	.3930467	7.575413	.0257458
#3	1.259517	-155.374	-.224059	.0021003	.3996388	7.478196	.0312119

Sample Name: I5500-16 Acquired: 10/11/2017 13:41:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BW8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6021643	.0253808	.1528738
Stddev	.0066446	.0004433	.0015248
%RSD	1.103449	1.746641	.9973946

#1	.6098302	.0249448	.1544580
#2	.5986057	.0258310	.1527471
#3	.5980569	.0253666	.1514164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	775.6901	1308.884	36846.75	10684.45	2631.627
Stddev	3.5288	11.277	69.17	94.21	17.419
%RSD	.4549284	.8615484	.1877295	.8817791	.6619060

#1	771.8781	1321.901	36850.06	10583.08	2648.642
#2	776.3496	1302.664	36914.22	10700.95	2632.407
#3	778.8428	1302.088	36775.99	10769.32	2613.831

Sample Name: I5500-17 Acquired: 10/11/2017 13:45:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BW8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0956697	-.014565	1.170662	.0034374	.0065987	46.04142	.8915294
Stddev	.0041747	.001951	.003993	.0030179	.0023718	.08189	.0018494
%RSD	4.363688	13.39859	.3410766	87.79782	35.94284	.1778525	.2074412

#1	.0991762	-.016815	1.175197	.0000951	.0090965	46.07862	.8932151
#2	.0967813	-.013340	1.169113	.0059629	.0063224	45.94754	.8895512
#3	.0910517	-.013539	1.167675	.0042540	.0043772	46.09810	.8918219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018340	.0046202	10.61448	.0659584	.0075389	.1091752	76.62739
Stddev	.0000765	.0000813	.03359	.0005578	.0003851	.0007639	.29378
%RSD	4.168414	1.759337	.3164149	.8457319	5.107674	.6997040	.3833823

#1	.0019166	.0045296	10.65288	.0665073	.0073735	.1088427	76.33934
#2	.0018197	.0046439	10.59997	.0659758	.0072641	.1086338	76.92658
#3	.0017657	.0046869	10.59059	.0653920	.0079790	.1100489	76.61626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3164500	4.060204	.0281989	.0045121	.3403312	.1077068	1.299284
Stddev	.0029336	.014062	.0001632	.0002798	.0654629	.0013791	.014311
%RSD	.9270205	.3463377	.5786350	6.201921	19.23506	1.280418	1.101445

#1	.3169681	4.047896	.0283681	.0043213	.4019416	.1082333	1.282786
#2	.3190900	4.075530	.0280425	.0048333	.3474538	.1061421	1.306712
#3	.3132919	4.057187	.0281862	.0043817	.2715983	.1087452	1.308353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275542	-158.163	-.222038	.0018950	.3890278	7.371222	.0264295
Stddev	.015432	1.581	.000291	.0000621	.0025237	.040499	.0023024
%RSD	1.209831	.9998065	.1310599	3.275480	.6487264	.5494223	8.711549

#1	1.271331	-158.141	-.222303	.0019448	.3877302	7.394602	.0237793
#2	1.262653	-156.593	-.222085	.0018255	.3874169	7.394605	.0275715
#3	1.292642	-159.756	-.221727	.0019148	.3919364	7.324457	.0279377

Sample Name: I5500-17 Acquired: 10/11/2017 13:45:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BW8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5880506	.0255287	.1527286
Stddev	.0019165	.0002676	.0000856
%RSD	.3259161	1.048233	.0560554

#1	.5863362	.0257656	.1527919
#2	.5876959	.0252384	.1526312
#3	.5901197	.0255822	.1527627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	749.3271	1285.617	36142.35	10703.07	2599.903
Stddev	5.1359	9.010	70.74	13.60	14.309
%RSD	.6853956	.7008516	.1957358	.1270969	.5503479

#1	754.3919	1276.265	36067.21	10693.05	2585.434
#2	749.4663	1294.241	36207.67	10697.61	2614.046
#3	744.1230	1286.346	36152.17	10718.56	2600.230

Sample Name: I5500-18 Acquired: 10/11/2017 13:49:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BW8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1735493	.1192925	1.073646	.0972291	.0896885	47.47397	4.989675
Stddev	.0003023	.0021479	.003753	.0021755	.0010995	.40655	.042968
%RSD	.1741556	1.800537	.3495930	2.237450	1.225947	.8563688	.8611317

#1	.1738035	.1191601	1.076395	.0962301	.0908775	47.70171	5.018692
#2	.1732151	.1172139	1.069370	.0957326	.0887085	47.00459	4.940313
#3	.1736294	.1215036	1.075173	.0997246	.0894794	47.71561	5.010019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0971679	.1168985	9.553822	.5011153	.9873418	.5968722	78.72397
Stddev	.0017217	.0003589	.088914	.0024663	.0018381	.0071465	.72065
%RSD	1.771858	.3070046	.9306674	.4921669	.1861667	1.197326	.9154179

#1	.0968747	.1171998	9.551469	.5001798	.9883760	.6011818	79.09517
#2	.0956117	.1169942	9.466108	.4992537	.9852196	.5886229	77.89339
#3	.0990174	.1165015	9.643890	.5039125	.9884299	.6008120	79.18335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374807	4.149043	1.033829	.0070254	.2729011	1.165963	2.338055
Stddev	.015341	.052653	.002184	.0003410	.0179436	.014547	.036777
%RSD	1.115831	1.269044	.2112643	4.854320	6.575140	1.247613	1.572957

#1	1.379804	4.153635	1.033631	.0071846	.2564412	1.176515	2.368171
#2	1.357592	4.094244	1.031751	.0072577	.2702326	1.149369	2.348925
#3	1.387027	4.199249	1.036106	.0066339	.2920295	1.172005	2.297069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068612	-138.819	-.227569	.0013505	.3103830	7.388178	.0285412
Stddev	.025281	.845	.005765	.0002991	.0074004	.107998	.0020259
%RSD	2.365757	.6085570	2.533250	22.14874	2.384280	1.461766	7.098024

#1	1.084616	-138.609	-.229662	.0012781	.3138114	7.390443	.0279707
#2	1.039467	-138.099	-.221050	.0010942	.3018901	7.279066	.0268618
#3	1.081753	-139.749	-.231995	.0016791	.3154475	7.495026	.0307912

Sample Name: I5500-18 Acquired: 10/11/2017 13:49:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BW8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5263922	.0241800	.1355481
Stddev	.0044710	.0005104	.0009670
%RSD	.8493725	2.110758	.7133798

#1	.5290899	.0242738	.1358994
#2	.5212313	.0236292	.1344546
#3	.5288554	.0246370	.1362903

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	763.8306	1321.671	36365.28	10777.44	2652.982
Stddev	10.9252	7.469	279.83	114.90	9.919
%RSD	1.430316	.5651500	.7694951	1.066155	.3738970

#1	751.6717	1314.047	36056.23	10729.78	2642.361
#2	766.9978	1328.976	36438.13	10908.50	2662.006
#3	772.8222	1321.989	36601.48	10694.03	2654.579

Sample Name: I5500-16LX5 Acquired: 10/11/2017 13:53:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BW8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181735	-.004651	.2470957	-.000880	.0021498	9.283585	.1769533
Stddev	.0034134	.002190	.0014616	.001477	.0006868	.020508	.0000342
%RSD	18.78220	47.08453	.5915272	167.8134	31.94555	.2209075	.0193227

#1	.0215534	-.004568	.2487431	.000729	.0029352	9.270196	.1769273
#2	.0147276	-.006882	.2459543	-.002175	.0018520	9.307195	.1769406
#3	.0182396	-.002504	.2465897	-.001195	.0016622	9.273364	.1769921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003574	.0008265	2.166580	.0132445	.0013441	.0229076	15.67208
Stddev	.0000294	.0001051	.002476	.0007809	.0002284	.0008187	.04392
%RSD	8.230438	12.71059	.1142720	5.896424	16.99143	3.574106	.2802676

#1	.0003851	.0007052	2.166038	.0140007	.0010936	.0236137	15.63354
#2	.0003607	.0008866	2.164421	.0132917	.0013982	.0220101	15.71990
#3	.0003265	.0008877	2.169283	.0124410	.0015406	.0230991	15.66278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651607	.8409489	.0053709	.0009845	.0760900	.0241408	.2607934
Stddev	.0004113	.0258753	.0003495	.0003626	.0720904	.0005880	.0030793
%RSD	.6311953	3.076912	6.507497	36.83073	94.74366	2.435763	1.180746

#1	.0647301	.8113862	.0056432	.0013984	.1511865	.0240699	.2605954
#2	.0655495	.8519797	.0049768	.0007230	.0074384	.0247611	.2639670
#3	.0652024	.8594807	.0054926	.0008319	.0696450	.0235915	.2578180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1606552	-31.2419	-.053222	.0002780	.0787475	1.602843	.0065201
Stddev	.0284746	.3500	.001196	.0003474	.0068002	.008425	.0006580
%RSD	17.72406	1.120254	2.246769	124.9628	8.635439	.5256454	10.09140

#1	.1371840	-31.6403	-.052930	-.000062	.0849053	1.593141	.0071988
#2	.1923314	-30.9841	-.054537	.000263	.0714491	1.608318	.0058851
#3	.1524500	-31.1013	-.052200	.000633	.0798882	1.607071	.0064764

Sample Name: I5500-16LX5 Acquired: 10/11/2017 13:53:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BW8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1199416	.0045765	.0306420
Stddev	.0007088	.0002320	.0001720
%RSD	.5909527	5.069379	.5611487

#1	.1191718	.0044174	.0305533
#2	.1205673	.0044695	.0308402
#3	.1200856	.0048427	.0305325

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	797.6902	1365.393	37429.83	10790.11	2829.255
Stddev	3.3101	14.419	35.91	59.23	16.912
%RSD	.4149547	1.056037	.0959288	.5489016	.5977401

#1	794.6763	1381.545	37406.87	10767.80	2845.750
#2	801.2328	1353.818	37411.42	10745.28	2811.956
#3	797.1616	1360.816	37471.21	10857.25	2830.058

Sample Name: PB103050BL Acquired: 10/11/2017 13:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026612	-.000498	-.000124	-.002507	-.000917	-.002623
Stddev	.0021615	.003948	.000155	.002218	.000746	.003497
%RSD	81.22192	791.9095	125.5715	88.44967	81.40707	133.2932

#1	.0038059	.002485	-.000168	-.001071	-.001717	-.006657
#2	.0040095	.000995	.000049	-.001389	-.000240	-.000458
#3	.0001681	-.004975	-.000252	-.005061	-.000794	-.000755

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001887	-.000085	-.000079	-.002760	-.000485	-.000061
Stddev	.000544	.000060	.000126	.006792	.000708	.000097
%RSD	28.82295	70.83637	159.0236	246.1120	146.0552	160.1085

#1	-.002105	-.000112	-.000217	-.008039	-.000854	.000019
#2	-.002289	-.000016	-.000053	.004903	-.000932	-.000169
#3	-.001268	-.000126	.000032	-.005142	.000332	-.000032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008577	-.006356	-.000085	.0195924	.0002632	.0003673
Stddev	.0008988	.004642	.000623	.0068236	.0003253	.0001785
%RSD	104.7917	73.03028	732.7721	34.82775	123.6287	48.58234

#1	.0018917	-.007591	.000632	.0224758	.0006383	.0005713
#2	.0002628	-.001222	-.000394	.0118004	.0000937	.0002400
#3	.0004187	-.010257	-.000493	.0245009	.0000575	.0002906

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025539	.0000544	-.003437	-.084990	F .0163668	-.007487
Stddev	.036509	.0013837	.001811	.015588	.1174513	.000616
%RSD	142.9553	2543.028	52.69064	18.34128	717.6176	8.229877

#1	-.010491	-.000677	-.005147	-.087483	-.050134	-.006776
#2	-.067167	-.000810	-.003625	-.099182	.151980	-.007862
#3	.001042	.001650	-.001540	-.068306	-.052745	-.007823

Sample Name: PB103050BL Acquired: 10/11/2017 13:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001375	-.004665	-.001972	.0014724	.0004333	-.000171
Stddev	.0001975	.003435	.000422	.0005887	.0002696	.000152
%RSD	143.6356	73.62838	21.42552	39.98082	62.22466	89.06164

#1	-.000082	-.006876	-.002103	.0018085	.0005688	-.000065
#2	.000301	-.006412	-.002313	.0007927	.0001228	-.000345
#3	.000193	-.000708	-.001499	.0018160	.0006083	-.000102

Elem	Sr4077
Units	ppm
Avg	-.000062
Stddev	.000009
%RSD	14.06758

#1	-.000071
#2	-.000061
#3	-.000053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	802.5749	1390.679	37571.10	10793.11	2928.905
Stddev	7.1632	7.687	145.56	88.22	9.878
%RSD	.8925214	.5527166	.3874197	.8174027	.3372447

#1	810.8387	1386.800	37736.96	10696.13	2917.886
#2	798.1377	1399.532	37464.62	10814.60	2936.965
#3	798.7483	1385.705	37511.72	10868.60	2931.862

Sample Name: PB103050BS Acquired: 10/11/2017 14:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0194308	.0474202	.0212501	.0700438	.1192968	.3657286
Stddev	.0006212	.0012277	.0002544	.0001307	.0025441	.0023016
%RSD	3.196761	2.588967	1.197361	.1865423	2.132596	.6293305

#1	.0188738	.0460223	.0209588	.0698979	.1167056	.3677007
#2	.0193181	.0483236	.0214290	.0701501	.1193936	.3662855
#3	.0201006	.0479145	.0213625	.0700834	.1217911	.3631996

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4632512	.0107268	.0105111	9.122838	F .0315203	.0945025
Stddev	.0023069	.0001709	.0001191	.008813	.0002924	.0006818
%RSD	.4979859	1.593306	1.133292	.0966044	.9278116	.7214602

#1	.4611847	.0105394	.0104961	9.115992	.0316553	.0937285
#2	.4628287	.0107670	.0106370	9.119740	.0311848	.0947647
#3	.4657402	.0108741	.0104002	9.132782	.0317209	.0950142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506686	F .2604910	.0343488	10.12395	.0816199	.0188736
Stddev	.0009117	.0045402	.0005731	.03172	.0005689	.0001570
%RSD	1.799316	1.742942	1.668535	.3133291	.6969995	.8317039

#1	.0505430	.2575773	.0343692	10.16037	.0809736	.0187389
#2	.0516366	.2581734	.0337658	10.10918	.0820448	.0190460
#3	.0498263	.2657223	.0349115	10.10231	.0818412	.0188359

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.337783	.1081987	.1270006	8.757580	F -2.01073	F .0136886
Stddev	.062252	.0025042	.0018746	.064818	.20811	.0006365
%RSD	.6666643	2.314465	1.476044	.7401328	10.35016	4.650065

#1	9.266602	.1091105	.1284919	8.686977	-2.07073	.0143963
#2	9.364702	.1053663	.1248962	8.771370	-2.18226	.0135067
#3	9.382044	.1101192	.1276136	8.814393	-1.77921	.0131629

Sample Name: PB103050BS Acquired: 10/11/2017 14:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0247198	.1667949	.1829617	F .0170295	.1995284	.0960402
Stddev	.0001938	.0074711	.0033236	.0022920	.0011496	.0005588
%RSD	.7838737	4.479213	1.816557	13.45907	.5761777	.5818668

#1	.0246590	.1666331	.1791321	.0169486	.1985546	.0954236
#2	.0245637	.1594060	.1846591	.0147790	.1992341	.0961837
#3	.0249367	.1743456	.1850938	.0193609	.2007966	.0965133

Elem	Sr4077
Units	ppm
Avg	.2207546
Stddev	.0005157
%RSD	.2336280

#1	.2201714
#2	.2209420
#3	.2211505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	771.9712	1302.815	36482.95	10667.60	2700.924
Stddev	11.2631	7.087	352.06	69.93	9.364
%RSD	1.459009	.5439424	.9650070	.6555409	.3467113

#1	759.4268	1295.495	36097.86	10744.84	2692.505
#2	775.2709	1309.643	36562.69	10608.59	2711.010
#3	781.2159	1303.308	36788.31	10649.38	2699.258

Sample Name: CCV044 Acquired: 10/11/2017 14:05:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.010850	4.669383	23.76585	5.102117	5.156575	389.0943
Stddev	.056508	.054412	.27181	.067672	.061077	.3263
%RSD	1.127704	1.165298	1.143707	1.326342	1.184446	.0838504

#1	4.970034	4.644361	23.80547	5.037635	5.096383	389.2677
#2	5.075344	4.731806	24.01569	5.172580	5.218500	389.2974
#3	4.987171	4.631984	23.47641	5.096135	5.154841	388.7180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.747929	.5134041	2.471221	386.8600	15.02860	2.430758
Stddev	.013051	.0041189	.035914	1.2556	.05662	.027348
%RSD	.1338893	.8022638	1.453292	.3245509	.3767755	1.125087

#1	9.754536	.5096232	2.485132	385.8225	14.97238	2.431885
#2	9.756355	.5127960	2.498099	386.5017	15.02780	2.457525
#3	9.732895	.5177933	2.430433	388.2557	15.08562	2.402864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30157	407.3547	14.94602	411.3886	2.432600	1.271033
Stddev	.02278	1.3112	.02119	.5387	.028296	.002766
%RSD	.1488493	.3218933	.1417966	.1309480	1.163207	.2176092

#1	15.32249	406.1670	14.93137	410.7829	2.431825	1.274211
#2	15.30491	407.1352	14.93637	411.5689	2.461276	1.269718
#3	15.27730	408.7618	14.97032	411.8141	2.404699	1.269170

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.4691	2.499057	15.61335	153.8276	5.425327	F 4.076486
Stddev	1.0636	.007534	.12976	.4849	.665046	.018510
%RSD	.2689551	.3014634	.8311036	.3152534	12.25818	.4540741

#1	396.3683	2.494970	15.65986	154.2394	6.085924	4.068294
#2	395.7440	2.494450	15.71345	153.9504	5.434137	4.063486
#3	394.2950	2.507751	15.46674	153.2931	4.755919	4.097679

Sample Name: CCV044 Acquired: 10/11/2017 14:05:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059054	4.931393	4.908061	4.865955	4.939258	5.062618
Stddev	.049414	.047068	.028518	.061450	.002297	.017555
%RSD	.9767370	.9544603	.5810466	1.262863	.0465047	.3467539

#1	5.023309	4.929357	4.901973	4.876436	4.938252	5.076493
#2	5.115442	4.979447	4.883078	4.921491	4.941887	5.068478
#3	5.038412	4.885376	4.939131	4.799938	4.937637	5.042883

Elem	Sr4077
Units	ppm
Avg	4.969575
Stddev	.027850
%RSD	.5604153

#1	4.961486
#2	4.946664
#3	5.000574

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	607.9083	1033.236	29732.67	9457.229	1781.210
Stddev	8.7473	15.983	165.83	16.448	19.582
%RSD	1.438917	1.546929	.5577473	.1739179	1.099370

#1	600.7677	1051.692	29549.74	9441.947	1803.370
#2	605.2919	1024.046	29775.11	9474.636	1766.238
#3	617.6652	1023.970	29873.16	9455.103	1774.021

Sample Name: CCB044 Acquired: 10/11/2017 14:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000932	.0014220	.0031451	-.000169	.0005643	.0421031
Stddev	.004536	.0003744	.0008268	.000497	.0013341	.0100690
%RSD	486.9311	26.33007	26.28735	294.6479	236.4099	23.91504

#1	-.002302	.0017892	.0025246	.000289	.0014735	.0500983
#2	-.004624	.0014359	.0028270	-.000697	.0011868	.0454160
#3	.004132	.0010408	.0040837	-.000098	-.000967	.0307951

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001754	.0000064	.0004015	.0289608	.0010394	.0004501
Stddev	.000294	.0000629	.0002531	.0077320	.0003692	.0003584
%RSD	16.75700	988.1073	63.03026	26.69812	35.51788	79.62544

#1	-.001685	.0000739	.0002552	.0334496	.0007528	.0005704
#2	-.001500	-.000050	.0002556	.0334002	.0009094	.0000470
#3	-.002076	-.000004	.0006938	.0200327	.0014560	.0007330

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029697	.0538900	.0017079	.0736077	.0007326	.0003234
Stddev	.0008680	.0074885	.0009567	.0149181	.0003935	.0001531
%RSD	29.22905	13.89583	56.01434	20.26707	53.72037	47.32661

#1	.0034457	.0606128	.0024376	.0786067	.0002965	.0003154
#2	.0034956	.0552381	.0020614	.0853844	.0008399	.0004803
#3	.0019678	.0458190	.0006248	.0568321	.0010613	.0001745

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195457	.0019842	.0001179	-.063914	F -.053805	.0060403
Stddev	.0368078	.0005997	.0027959	.028941	.406122	.0004294
%RSD	188.3164	30.22565	2371.505	45.28079	754.7969	7.108530

#1	.0504383	.0020353	-.003020	-.033056	-.513167	.0065078
#2	-.021180	.0025568	.002343	-.090453	.257577	.0059495
#3	.029379	.0013606	.001031	-.068234	.094174	.0056636

Sample Name: CCB044 Acquired: 10/11/2017 14:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010036	-.009048	-.002292	.0009960	.0011419	.0006885
Stddev	.0008469	.002454	.000487	.0011276	.0003274	.0002697
%RSD	84.39113	27.12415	21.24849	113.2089	28.67055	39.17258

#1	.0006663	-.011879	-.001863	-.000215	.0013343	.0007448
#2	.0003772	-.007751	-.002191	.002016	.0007639	.0009257
#3	.0019672	-.007514	-.002821	.001187	.0013276	.0003951

Elem	Sr4077
Units	ppm
Avg	.0005649
Stddev	.0001686
%RSD	29.85004

#1	.0007004
#2	.0006182
#3	.0003761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	765.7491	1343.229	36670.82	10616.28	2869.301
Stddev	7.2057	33.085	231.80	27.45	57.073
%RSD	.9409981	2.463117	.6321200	.2585617	1.989099

#1	760.4262	1348.930	36573.98	10594.55	2883.441
#2	773.9488	1307.664	36935.34	10607.15	2806.487
#3	762.8723	1373.094	36503.14	10647.13	2917.975

Sample Name: I5461-09 Acquired: 10/11/2017 14:14:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127243	-.005568	.0284348	-.000304	.0007216	28.25531	.1467057
Stddev	.0014204	.001988	.0013930	.002910	.0011721	.06571	.0005160
%RSD	11.16265	35.70074	4.899052	956.2577	162.4325	.2325659	.3517404

#1	.0112079	-.003283	.0276816	.003022	.0004216	28.20174	.1466395
#2	.0140237	-.006900	.0300422	-.001554	-.000271	28.23556	.1472516
#3	.0129412	-.006521	.0275804	-.002381	.002015	28.32863	.1462259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009087	.0006928	3.824402	.0421048	.0032873	.0235252	33.27605
Stddev	.0000935	.0000868	.023947	.0014648	.0002899	.0007478	.08126
%RSD	10.28911	12.53540	.6261727	3.479038	8.820268	3.178741	.2441851

#1	.0008136	.0007516	3.817287	.0432519	.0029683	.0241288	33.19064
#2	.0009120	.0007338	3.851100	.0426077	.0033588	.0226886	33.28513
#3	.0010005	.0005931	3.804818	.0404547	.0035348	.0237581	33.35239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3852328	1.388085	.0132618	.0015173	.1310754	.0766414	.0402652
Stddev	.0022351	.020260	.0004692	.0002267	.0502200	.0020365	.0005955
%RSD	.5801881	1.459585	3.537648	14.93914	38.31385	2.657228	1.478960

#1	.3852572	1.398430	.0137270	.0015392	.1418460	.0787140	.0396328
#2	.3829856	1.401085	.0127888	.0012805	.0763439	.0765674	.0403474
#3	.3874556	1.364741	.0132696	.0017323	.1750363	.0746429	.0408153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2200223	-78.5995	-.097839	.0023125	.0628095	4.742283	.0066552
Stddev	.0354257	.3813	.000481	.0001337	.0034032	.030048	.0007839
%RSD	16.10094	.4851470	.4917853	5.781341	5.418223	.6336112	11.77845

#1	.2162002	-78.2066	-.098020	.0024388	.0631690	4.714347	.0074616
#2	.1866627	-78.9680	-.098205	.0021725	.0660186	4.738431	.0066081
#3	.2572040	-78.6239	-.097294	.0023261	.0592408	4.774070	.0058960

Sample Name: I5461-09 Acquired: 10/11/2017 14:14:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BQ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4146481	.0091771	.0576361
Stddev	.0025058	.0002037	.0001245
%RSD	.6043209	2.219211	.2160017

#1	.4130419	.0091363	.0575034
#2	.4133670	.0093980	.0577502
#3	.4175355	.0089969	.0576548

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	793.9071	1353.952	37261.80	10896.14	2760.950
Stddev	6.4223	5.015	221.64	27.46	11.882
%RSD	.8089531	.3704152	.5948297	.2520265	.4303480

#1	790.3197	1359.676	37306.25	10906.84	2774.670
#2	790.0800	1350.329	37021.30	10916.64	2754.120
#3	801.3217	1351.850	37457.85	10864.94	2754.061

Sample Name: I5461-10 Acquired: 10/11/2017 14:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128633	-.004511	.0291665	.0022492	.0018100	28.59934	.1486157
Stddev	.0052555	.003587	.0016288	.0007180	.0008909	.11486	.0004327
%RSD	40.85653	79.50291	5.584471	31.92263	49.22025	.4016094	.2911197

#1	.0180256	-.004284	.0307085	.0030544	.0011744	28.58860	.1488569
#2	.0130448	-.008206	.0274629	.0016754	.0014273	28.49024	.1481162
#3	.0075194	-.001044	.0293279	.0020178	.0028282	28.71920	.1488740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008462	.0006697	3.852844	.0429180	.0033632	.0226779	33.23618
Stddev	.0000269	.0000581	.026602	.0002727	.0000365	.0003908	.09823
%RSD	3.182413	8.676922	.6904534	.6352963	1.085055	1.723241	.2955587

#1	.0008740	.0007240	3.879620	.0427981	.0033473	.0222326	33.24738
#2	.0008444	.0006768	3.852491	.0432301	.0033373	.0229640	33.32833
#3	.0008202	.0006084	3.826420	.0427259	.0034049	.0228371	33.13282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3815675	1.430551	.0133179	.0011074	.2232591	.0760106	.0370564
Stddev	.0005557	.042955	.0002679	.0001728	.0341540	.0010580	.0047378
%RSD	.1456413	3.002684	2.011643	15.60146	15.29791	1.391915	12.78544

#1	.3814960	1.399745	.0132826	.0009302	.1972799	.0770809	.0323707
#2	.3821556	1.479620	.0130693	.0012754	.2619451	.0749653	.0369538
#3	.3810511	1.412289	.0136017	.0011167	.2105523	.0759857	.0418446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2359390	-79.0685	-.101120	.0023991	.0571911	4.819361	.0069458
Stddev	.0115728	.4184	.001163	.0001609	.0037395	.027059	.0017727
%RSD	4.905014	.5291151	1.150147	6.706791	6.538587	.5614557	25.52095

#1	.2490349	-78.6190	-.101927	.0022878	.0568386	4.822224	.0089839
#2	.2316938	-79.1402	-.099787	.0023259	.0610943	4.790985	.0057627
#3	.2270882	-79.4465	-.101646	.0025836	.0536403	4.844874	.0060909

Sample Name: I5461-10 Acquired: 10/11/2017 14:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4231711	.0093746	.0577658
Stddev	.0012487	.0000354	.0002020
%RSD	.2950727	.3774726	.3497456

#1	.4234061	.0093685	.0576944
#2	.4218216	.0093427	.0576092
#3	.4242855	.0094127	.0579939

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	791.0045	1345.238	37287.88	10816.85	2729.627
Stddev	1.6735	7.864	97.34	57.89	9.355
%RSD	.2115697	.5845615	.2610599	.5351842	.3427322

#1	790.3897	1338.348	37206.07	10800.34	2719.161
#2	789.7253	1353.805	37262.03	10881.20	2737.177
#3	792.8985	1343.560	37395.54	10769.01	2732.544

Sample Name: I5461-11 Acquired: 10/11/2017 14:22:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921298	.1292719	.0752180	.0990369	.1008314	36.16427	4.320420
Stddev	.0035137	.0002950	.0003858	.0007598	.0004272	.11985	.006483
%RSD	3.813877	.2282066	.5129328	.7672353	.4236834	.3314056	.1500501

#1	.0880730	.1293510	.0750201	.0999138	.1013137	36.06564	4.316566
#2	.0941003	.1289454	.0756626	.0986246	.1006803	36.12951	4.316790
#3	.0942160	.1295193	.0749713	.0985723	.1005003	36.29766	4.327905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977598	.1132081	3.658399	.4877894	.9831384	.5104024	38.16135
Stddev	.0006735	.0004182	.016499	.0009271	.0034686	.0027090	.14535
%RSD	.6888829	.3693895	.4509781	.1900575	.3528078	.5307493	.3808738

#1	.0970602	.1129981	3.673739	.4888544	.9833837	.5076199	38.03280
#2	.0978153	.1129366	3.640945	.4873510	.9864778	.5130313	38.13218
#3	.0984037	.1136897	3.660512	.4871629	.9795536	.5105561	38.31907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.470708	1.565891	1.015533	.0040960	.1451806	1.150041	1.024760
Stddev	.010078	.032040	.000517	.0002966	.0343088	.005478	.014359
%RSD	.6852764	2.046120	.0509137	7.239958	23.63182	.4763147	1.401224

#1	1.461023	1.558731	1.015128	.0037601	.1314674	1.146474	1.034807
#2	1.469964	1.538037	1.016115	.0042062	.1198493	1.147302	1.008313
#3	1.481138	1.600905	1.015355	.0043216	.1842250	1.156349	1.031158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4262765	-80.8851	-.114728	.0019675	.0456318	5.517103	.0056821
Stddev	.0338660	.6754	.002420	.0005291	.0052795	.026906	.0012232
%RSD	7.944603	.8349762	2.109636	26.89207	11.56983	.4876856	21.52729

#1	.4059038	-80.7970	-.112081	.0013917	.0413630	5.490865	.0061877
#2	.4075558	-81.6002	-.115277	.0020785	.0515354	5.515814	.0065713
#3	.4653699	-80.2581	-.116827	.0024323	.0439970	5.544631	.0042871

Sample Name: I5461-11 Acquired: 10/11/2017 14:22:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BQ7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4354418	.0111455	.0600582
Stddev	.0025779	.0001000	.0001083
%RSD	.5920228	.8973253	.1802454

#1	.4336172	.0111372	.0600042
#2	.4343173	.0112494	.0599875
#3	.4383910	.0110499	.0601828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	798.4378	1359.469	37423.74	10823.38	2738.572
Stddev	6.4741	7.008	136.09	38.11	8.416
%RSD	.8108476	.5155115	.3636550	.3520982	.3073290

#1	792.6490	1356.452	37317.22	10853.03	2735.435
#2	805.4287	1354.474	37577.06	10836.71	2732.174
#3	797.2355	1367.480	37376.94	10780.40	2748.106

Sample Name: I5461-09LX5 Acquired: 10/11/2017 14:26:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037875	-.001024	.0054587	-.002183	.0009604	5.798072	.0284177
Stddev	.0008259	.001440	.0018783	.003286	.0004342	.009800	.0001369
%RSD	21.80503	140.5478	34.40966	150.5072	45.20865	.1690204	.4816572

#1	.0046591	-.001490	.0060587	-.004984	.0007038	5.804149	.0283106
#2	.0036868	-.002174	.0033537	-.002999	.0007158	5.803301	.0283706
#3	.0030166	.000591	.0069638	.001434	.0014618	5.786767	.0285719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000683	.0000496	.7941825	.0082688	.0009339	.0054764	6.823055
Stddev	.0000458	.0000394	.0032699	.0005524	.0003912	.0007735	.027845
%RSD	66.97546	79.41401	.4117281	6.680171	41.89042	14.12490	.4081009

#1	.0000999	.0000195	.7954702	.0088979	.0006641	.0058563	6.847896
#2	.0000158	.0000351	.7904649	.0080455	.0007550	.0059865	6.828313
#3	.0000891	.0000942	.7966125	.0078631	.0013825	.0045864	6.792956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0797140	.2988420	.0027646	.0005738	.0316850	.0156618	.0078299
Stddev	.0005538	.0118395	.0007484	.0001701	.0596632	.0021694	.0012526
%RSD	.6947248	3.961787	27.07122	29.64744	188.3015	13.85170	15.99714

#1	.0790855	.3091109	.0019166	.0007580	.0796880	.0162304	.0078944
#2	.0801302	.3015232	.0030444	.0004226	.0504792	.0174904	.0065463
#3	.0799264	.2858918	.0033327	.0005408	-.035112	.0132648	.0090489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023134	-16.4339	-.026101	.0001904	.0106830	1.027173	.0027069
Stddev	.010512	.3783	.000320	.0006178	.0015887	.006497	.0002968
%RSD	45.43858	2.301985	1.226545	324.4583	14.87133	.6325211	10.96352

#1	-.010996	-16.7722	-.026468	.0008502	.0118491	1.026960	.0024355
#2	-.029254	-16.5040	-.025878	-.000374	.0113263	1.033773	.0030238
#3	-.029150	-16.0254	-.025957	.000095	.0088735	1.020785	.0026615

Sample Name: I5461-09LX5 Acquired: 10/11/2017 14:26:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BQ7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0854701	.0014980	.0116138
Stddev	.0006325	.0003168	.0000436
%RSD	.7400472	21.14850	.3757050

#1	.0859940	.0018543	.0115955
#2	.0847675	.0012480	.0116636
#3	.0856490	.0013917	.0115824

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	821.8294	1427.874	38195.49	10865.15	2938.740
Stddev	5.3092	12.142	193.06	62.97	18.879
%RSD	.6460219	.8503442	.5054599	.5795338	.6424311

#1	815.9730	1415.423	37972.80	10818.85	2920.389
#2	826.3276	1428.517	38315.72	10839.75	2937.725
#3	823.1874	1439.681	38297.95	10936.85	2958.106

Sample Name: I5461-12 Acquired: 10/11/2017 14:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958812	-.012731	1.097726	.0030901	.0113547	39.40896	.5292802
Stddev	.0063878	.002229	.020919	.0020343	.0003200	.19104	.0028329
%RSD	6.662210	17.50766	1.905693	65.83189	2.818209	.4847656	.5352297

#1	.0915973	-.014843	1.094348	.0053864	.0112807	39.61506	.5324629
#2	.1032231	-.012951	1.120129	.0015132	.0110782	39.23780	.5270347
#3	.0928231	-.010401	1.078702	.0023708	.0117053	39.37401	.5283430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027962	.0036054	77.78896	.0685427	.0157197	.1476186	66.56897
Stddev	.0001185	.0001551	.16240	.0008905	.0005668	.0016484	.24011
%RSD	4.237938	4.303026	.2087701	1.299191	3.605939	1.116631	.3606887

#1	.0029214	.0034398	77.87217	.0687619	.0157168	.1493989	66.73600
#2	.0027814	.0037474	77.60182	.0693031	.0162879	.1461454	66.29381
#3	.0026858	.0036289	77.89290	.0675630	.0151543	.1473115	66.67708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6070303	9.372047	.0419214	.0030651	.4026015	.1157244	.6824119
Stddev	.0048376	.063368	.0008184	.0003309	.0345441	.0036356	.0087357
%RSD	.7969269	.6761334	1.952115	10.79587	8.580213	3.141602	1.280126

#1	.6066483	9.445217	.0413975	.0027600	.4424266	.1195163	.6728407
#2	.6023950	9.335357	.0428644	.0034169	.3846287	.1122685	.6899555
#3	.6120476	9.335567	.0415022	.0030184	.3807491	.1153883	.6844395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.031358	-159.015	-.189182	.0058877	1.611625	10.05488	.3693750
Stddev	.012019	2.730	.002228	.0001065	.026325	.07661	.0082873
%RSD	1.165338	1.716962	1.177832	1.808474	1.633454	.7619415	2.243601

#1	1.033962	-158.698	-.191745	.0059828	1.619327	10.14117	.3683586
#2	1.018251	-161.890	-.188093	.0059077	1.633239	9.99486	.3781237
#3	1.041861	-156.457	-.187707	.0057727	1.582307	10.02863	.3616429

Sample Name: I5461-12 Acquired: 10/11/2017 14:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7744620	.0454102	.5069335
Stddev	.0021831	.0002716	.0026808
%RSD	.2818834	.5980583	.5288348

#1	.7762930	.0457134	.5096394
#2	.7720461	.0453282	.5042784
#3	.7750470	.0451891	.5068826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.3823	1281.717	35690.31	10503.10	2485.376
Stddev	4.2330	12.483	97.87	60.27	31.632
%RSD	.5596363	.9739157	.2742242	.5738186	1.272741

#1	761.1691	1283.988	35802.17	10436.63	2486.334
#2	754.8448	1268.255	35620.39	10554.18	2453.275
#3	753.1329	1292.909	35648.38	10518.48	2516.518

Sample Name: I5461-13 Acquired: 10/11/2017 14:34:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349065	-.011242	1.077913	.0022613	.0022054	48.69059	.3035524
Stddev	.0036368	.000872	.019494	.0029704	.0023180	.22624	.0019862
%RSD	10.41883	7.755542	1.808452	131.3581	105.1075	.4646495	.6543165

#1	.0386981	-.011743	1.095884	.0001878	-.000461	48.65595	.3021204
#2	.0345741	-.011748	1.080666	.0009319	.003335	48.93216	.3058199
#3	.0314472	-.010235	1.057189	.0056643	.003742	48.48367	.3027171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019959	.0026448	11.13951	.0562521	.0080984	.0558376	66.27333
Stddev	.0000254	.0002067	.03958	.0008327	.0001381	.0004741	.34456
%RSD	1.271534	7.814901	.3553391	1.480334	1.705570	.8491172	.5199122

#1	.0020039	.0028606	11.09395	.0568847	.0079524	.0554128	66.46811
#2	.0019675	.0026254	11.16545	.0565630	.0082270	.0557509	66.47638
#3	.0020163	.0024486	11.15913	.0553087	.0081159	.0563491	65.87549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2389172	3.882733	.0236061	.0025538	.2369706	.1001867	.4826193
Stddev	.0019594	.049288	.0003280	.0001937	.0723368	.0001413	.0057978
%RSD	.8201177	1.269427	1.389674	7.583544	30.52565	.1410317	1.201327

#1	.2385202	3.833332	.0237236	.0025623	.2870332	.1000323	.4850217
#2	.2410447	3.931908	.0238593	.0027430	.2698437	.1002182	.4760064
#3	.2371867	3.882959	.0232356	.0023559	.1540349	.1003096	.4868297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6117438	-71.9827	-.195726	.0032246	.2987461	6.403564	.0140690
Stddev	.0235221	1.0129	.000717	.0004449	.0078656	.035753	.0020179
%RSD	3.845095	1.407196	.3663305	13.79527	2.632867	.5583356	14.34264

#1	.6387920	-72.8679	-.196523	.0030096	.3054062	6.386597	.0117626
#2	.6003619	-72.2022	-.195522	.0029282	.2900682	6.444642	.0155086
#3	.5960776	-70.8780	-.195133	.0037362	.3007639	6.379453	.0149359

Sample Name: I5461-13 Acquired: 10/11/2017 14:34:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5602228	.0239991	.0739907
Stddev	.0034724	.0001897	.0003904
%RSD	.6198308	.7905462	.5276693

#1	.5585176	.0241915	.0738219
#2	.5642181	.0239936	.0744371
#3	.5579325	.0238122	.0737130

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	748.6528	1291.378	35609.79	10442.85	2583.487
Stddev	4.1616	29.788	82.74	40.13	48.220
%RSD	.5558825	2.306719	.2323602	.3842393	1.866478

#1	743.9142	1266.017	35515.07	10451.18	2541.163
#2	751.7136	1283.936	35646.34	10399.21	2573.316
#3	750.3306	1324.182	35667.97	10478.15	2635.981

Sample Name: PB103048BL Acquired: 10/11/2017 14:38:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0006678	.0025116	-.000105	-.001391	.0003728	-.002178	-.003628
Stddev	.0012119	.0018666	.000850	.000554	.0007744	.001875	.000302
%RSD	181.4779	74.32083	812.0427	39.84497	207.7576	86.06948	8.311838

#1	-.000653	.0010869	.000625	-.001627	-.000168	-.000644	-.003858
#2	.001728	.0046247	.000098	-.000758	.000026	-.004268	-.003739
#3	.000929	.0018233	-.001038	-.001788	.001260	-.001623	-.003287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000170	.0000339	-.009255	-.001323	-.000147	.0003938	-.000963
Stddev	.000099	.0000406	.014911	.000186	.000180	.0003941	.003646
%RSD	58.09509	119.8072	161.1185	14.04415	122.8124	100.0718	378.4557

#1	-.000061	.0000305	.007894	-.001474	-.000337	.0000736	-.001815
#2	-.000254	-.000005	-.016491	-.001115	.000021	.0002739	.003033
#3	-.000195	.000076	-.019166	-.001380	-.000123	.0008339	-.004108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001589	.0250283	.0002611	.0004760	-.065253	.0010941	-.004124
Stddev	.0002693	.0135885	.0000495	.0002916	.056483	.0023661	.000773
%RSD	169.4516	54.29240	18.97397	61.26450	86.55987	216.2696	18.73710

#1	-.000095	.0269072	.0003113	.0004123	-.077834	-.001604	-.003261
#2	.000130	.0375796	.0002122	.0002215	-.114385	.002814	-.004751
#3	.000441	.0105982	.0002597	.0007942	-.003541	.002073	-.004360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081804	-.013348	-.006961	-.000114	-.006834	-.001180	.0007653
Stddev	.030699	.190964	.001145	.000175	.003488	.000528	.0017965
%RSD	37.52815	1430.617	16.44293	153.3227	51.03758	44.72692	234.7327

#1	-.105772	.125792	-.006364	.000085	-.005378	-.001788	.0018675
#2	-.047201	.065227	-.008280	-.000244	-.004310	-.000838	.0017362
#3	-.092438	-.231064	-.006237	-.000183	-.010814	-.000914	-.001308

Sample Name: PB103048BL Acquired: 10/11/2017 14:38:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0002065	-.000227	-.000066
Stddev	.0000811	.000262	.000023
%RSD	39.25659	115.3367	35.36478

#1	.0002220	-.000418	-.000062
#2	.0001188	-.000334	-.000091
#3	.0002786	.000071	-.000045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.7769	1414.251	37107.31	10574.54	2976.912
Stddev	2.2469	7.119	70.41	21.01	12.730
%RSD	.2819931	.5033620	.1897457	.1986811	.4276374

#1	797.5688	1406.558	37163.98	10556.07	2963.948
#2	794.2413	1415.590	37028.49	10570.15	2977.394
#3	798.5205	1420.605	37129.46	10597.40	2989.395

Sample Name: PB103048BS Acquired: 10/11/2017 14:42:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0168211	.0516092	.0209501	.0662999	.1184100	.3662322
Stddev	.0006266	.0020243	.0001191	.0041635	.0007865	.0009422
%RSD	3.724783	3.922290	.5685573	6.279766	.6642098	.2572618

#1	.0161392	.0498397	.0210876	.0692675	.1190842	.3665898
#2	.0173713	.0511714	.0208858	.0615405	.1185998	.3651636
#3	.0169529	.0538166	.0208770	.0680917	.1175459	.3669432

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .7402296	.0108462	.0109330	9.184268	F .0284260	.0961873
Stddev	.0026445	.0001987	.0001627	.017455	.0001929	.0002627
%RSD	.3572593	1.831793	1.488088	.1900519	.6786408	.2731345

#1	.7405428	.0109646	.0111193	9.204251	.0282314	.0962679
#2	.7374425	.0106168	.0108610	9.171996	.0284295	.0958938
#3	.7427037	.0109571	.0108188	9.176558	.0286172	.0964004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504003	.2536068	.0340000	10.09078	.0827460	.0187295
Stddev	.0007188	.0138754	.0009337	.06135	.0004157	.0002185
%RSD	1.426121	5.471228	2.746162	.6079845	.5024091	1.166851

#1	.0510911	.2689516	.0344911	10.15972	.0830520	.0184937
#2	.0504534	.2499258	.0329232	10.07042	.0829132	.0189253
#3	.0496565	.2419431	.0345855	10.04220	.0822727	.0187693

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.218083	.1048361	.1287096	8.832499	F -2.10782	F .0139895
Stddev	.023272	.0001938	.0010050	.053861	.19745	.0005919
%RSD	.2524561	.1848879	.7808096	.6097998	9.367374	4.230889

#1	9.235714	.1049237	.1286712	8.870904	-2.10933	.0144650
#2	9.191706	.1046139	.1277243	8.770932	-1.90963	.0133266
#3	9.226831	.1049707	.1297332	8.855662	-2.30451	.0141768

Sample Name: PB103048BS Acquired: 10/11/2017 14:42:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0240590	.2343583	.1835756	F .0174674	.1978892	.0933687
Stddev	.0003043	.0075433	.0009710	.0024144	.0003721	.0000986
%RSD	1.264918	3.218698	.5289374	13.82224	.1880333	.1055955

#1	.0237244	.2416962	.1831871	.0202272	.1976152	.0934052
#2	.0241334	.2266252	.1846807	.0164293	.1983128	.0932570
#3	.0243193	.2347536	.1828591	.0157456	.1977395	.0934438

Elem	Sr4077
Units	ppm
Avg	.2179401
Stddev	.0006900
%RSD	.3165958

#1	.2185794
#2	.2172087
#3	.2180324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	788.2396	1344.253	36845.28	10808.60	2731.867
Stddev	5.3085	3.707	141.82	20.28	3.513
%RSD	.6734659	.2757628	.3849194	.1876476	.1285958

#1	782.1102	1342.088	36697.98	10785.25	2728.066
#2	791.3609	1348.534	36856.93	10821.85	2734.994
#3	791.2478	1342.138	36980.91	10818.69	2732.540

Sample Name: I5499-01 Acquired: 10/11/2017 14:47:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341351	-.016129	.3966984	-.001919	.0028460	40.87846	.2496784
Stddev	.0052264	.001297	.0006575	.000679	.0001456	.07824	.0004975
%RSD	15.31108	8.042961	.1657445	35.39534	5.116970	.1913896	.1992563

#1	.0359834	-.017208	.3974576	-.001185	.0027210	40.96340	.2501998
#2	.0381863	-.016489	.3963083	-.002526	.0030059	40.86266	.2492088
#3	.0282357	-.014689	.3963295	-.002046	.0028112	40.80934	.2496267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024501	.0048279	307.2292	.0908775	.0331964	.1027640	82.36750
Stddev	.0000920	.0001614	.6119	.0002751	.0006964	.0010112	.20792
%RSD	3.754710	3.344017	.1991608	.3027583	2.097771	.9839757	.2524273

#1	.0024654	.0049410	307.5714	.0909704	.0329121	.1029789	82.56530
#2	.0025335	.0046430	307.5935	.0910941	.0326872	.1016627	82.38645
#3	.0023514	.0048997	306.5228	.0905679	.0339900	.1036505	82.15076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7805054	190.4958	.0346409	.0030370	.5864768	.1411908	.3811776
Stddev	.0031469	.3543	.0011008	.0002733	.1079518	.0042724	.0028081
%RSD	.4031878	.1860135	3.177834	9.000543	18.40683	3.025948	.7366795

#1	.7839574	190.8680	.0335438	.0032056	.4655875	.1443247	.3841318
#2	.7797620	190.4570	.0357454	.0027216	.6732448	.1429234	.3785431
#3	.7777968	190.1625	.0346334	.0031837	.6205981	.1363243	.3808580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9545298	-216.042	-.247241	.0042921	1.255383	1.318753	.0077745
Stddev	.0183401	1.224	.000725	.0003699	.003953	.013975	.0020360
%RSD	1.921378	.5667164	.2932809	8.618059	.3149173	1.059705	26.18825

#1	.9719825	-217.382	-.246408	.0046395	1.256766	1.315649	.0076703
#2	.9354153	-215.762	-.247732	.0039032	1.258459	1.334019	.0057926
#3	.9561916	-214.982	-.247583	.0043334	1.250924	1.306591	.0098606

Sample Name: I5499-01 Acquired: 10/11/2017 14:47:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BR5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5985063	.0261968	.1363199
Stddev	.0032943	.0003624	.0003254
%RSD	.5504200	1.383456	.2387268

#1	.6022724	.0262211	.1366957
#2	.5961598	.0258228	.1361301
#3	.5970866	.0265464	.1361339

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	710.7742	1246.872	33623.31	10223.47	2236.678
Stddev	7.3129	11.121	174.37	26.35	16.696
%RSD	1.028864	.8919193	.5186032	.2577081	.7464714

#1	702.9223	1234.222	33422.11	10197.31	2218.170
#2	712.0094	1251.280	33730.67	10223.10	2241.257
#3	717.3908	1255.113	33717.14	10250.00	2250.607

Sample Name: I5499-02 Acquired: 10/11/2017 14:51:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557715	-.010909	.7788186	-.000219	.0038206	43.06445	.4141818
Stddev	.0043011	.003775	.0027525	.003462	.0012431	.32215	.0023441
%RSD	7.711989	34.60405	.3534160	1580.436	32.53671	.7480756	.5659655

#1	.0511364	-.009812	.7798832	-.000634	.0030650	42.74210	.4121839
#2	.0596339	-.007804	.7756929	-.003455	.0052553	43.06482	.4135992
#3	.0565442	-.015111	.7808798	.003431	.0031415	43.38641	.4167623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022542	.0045492	27.51137	.0808568	.0113108	.1376737	65.24968
Stddev	.0001391	.0002311	.06196	.0001817	.0003638	.0002293	.23351
%RSD	6.169805	5.079611	.2252140	.2247001	3.216271	.1665601	.3578660

#1	.0024012	.0047604	27.55444	.0806488	.0111241	.1375276	65.00947
#2	.0022366	.0045848	27.44036	.0809841	.0110783	.1375555	65.26373
#3	.0021247	.0043023	27.53930	.0809376	.0117300	.1379380	65.47585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6381410	7.288005	.0397702	.0024359	.7474291	.1417639	.6635580
Stddev	.0026934	.068321	.0007166	.0000698	.0563943	.0008901	.0125712
%RSD	.4220759	.9374464	1.801793	2.866048	7.545100	.6278924	1.894516

#1	.6350487	7.275857	.0391266	.0025080	.7975462	.1407725	.6503049
#2	.6393988	7.226572	.0396416	.0023686	.7583778	.1420248	.6650560
#3	.6399754	7.361585	.0405423	.0024313	.6863633	.1424944	.6753132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017032	-642.860	-.192105	.0023722	.9358808	1.195453	.0217593
Stddev	.032179	5.551	.001785	.0004984	.0036285	.013582	.0016395
%RSD	3.163993	.8635429	.9291255	21.00880	.3877094	1.136142	7.534790

#1	.980440	-639.168	-.190548	.0017984	.9319707	1.180305	.0208016
#2	1.029740	-640.168	-.194053	.0026212	.9365324	1.206544	.0236524
#3	1.040917	-649.244	-.191716	.0026971	.9391394	1.199511	.0208239

Sample Name: I5499-02 Acquired: 10/11/2017 14:51:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4955082	.0240668	.1580641
Stddev	.0035926	.0002545	.0006720
%RSD	.7250366	1.057551	.4251256

#1	.4919204	.0238960	.1573597
#2	.4954985	.0239452	.1581345
#3	.4991056	.0243594	.1586981

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	787.5144	1346.898	37151.89	10956.96	2631.603
Stddev	2.7093	4.633	109.54	51.07	6.531
%RSD	.3440317	.3439473	.2948424	.4660803	.2481849

#1	790.2529	1351.605	37247.52	11006.84	2639.111
#2	784.8352	1342.344	37032.38	10904.78	2628.463
#3	787.4551	1346.744	37175.77	10959.25	2627.235

Sample Name: I5499-03 Acquired: 10/11/2017 14:55:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1112521	-.011255	1.943303	-.002846	.0014612	41.87690	1.593719
Stddev	.0029075	.003641	.011138	.004510	.0013255	.18402	.003863
%RSD	2.613459	32.35408	.5731403	158.4710	90.71086	.4394380	.2424121

#1	.1089981	-.007073	1.942987	-.000949	.0018637	42.08551	1.597398
#2	.1102242	-.013725	1.932326	-.007994	-.000019	41.80761	1.594063
#3	.1145339	-.012967	1.954595	.000406	.002539	41.73758	1.589695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022315	.0074047	17.38184	.0897892	.0130410	.4211848	74.78340
Stddev	.0000465	.0002032	.11206	.0009242	.0002308	.0012319	.26429
%RSD	2.084395	2.743958	.6446789	1.029325	1.770045	.2924824	.3534109

#1	.0022609	.0072324	17.48507	.0901796	.0127834	.4223564	75.06002
#2	.0022557	.0073530	17.26266	.0904542	.0132289	.4212977	74.53346
#3	.0021779	.0076288	17.39780	.0887339	.0131108	.4199004	74.75671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8828218	5.556432	.0391331	.0110165	.5962197	.1881297	1.985642
Stddev	.0017959	.016994	.0009748	.0002989	.0240181	.0006527	.018438
%RSD	.2034276	.3058458	2.490870	2.713592	4.028399	.3469327	.9285886

#1	.8848918	5.566715	.0381065	.0113617	.5824384	.1874802	2.001802
#2	.8818941	5.536816	.0400460	.0108468	.6239532	.1887855	1.965557
#3	.8816795	5.565764	.0392468	.0108411	.5822675	.1881233	1.989568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.125330	-505.423	-.219604	.0028965	1.123269	1.085856	.1715879
Stddev	.018210	3.549	.001465	.0001322	.006900	.005645	.0023425
%RSD	1.618220	.7021645	.6669975	4.565327	.6143032	.5198846	1.365191

#1	1.129982	-509.481	-.221034	.0029363	1.131106	1.084099	.1739524
#2	1.140763	-503.884	-.218107	.0027489	1.120594	1.092170	.1692680
#3	1.105245	-502.903	-.219673	.0030042	1.118107	1.081298	.1715434

Sample Name: I5499-03 Acquired: 10/11/2017 14:55:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4239654	.0270198	.1090888
Stddev	.0022647	.0001251	.0005150
%RSD	.5341689	.4628025	.4720845

#1	.4262952	.0269774	.1096765
#2	.4217720	.0271605	.1088734
#3	.4238290	.0269214	.1087165

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	786.1510	1347.267	37062.98	10833.82	2650.695
Stddev	2.0651	3.519	102.45	48.74	5.907
%RSD	.2626853	.2611653	.2764180	.4498694	.2228556

#1	784.4473	1348.444	37020.46	10777.83	2646.019
#2	788.4477	1350.045	37179.85	10856.82	2657.333
#3	785.5580	1343.310	36988.64	10866.80	2648.732

Sample Name: I5499-04 Acquired: 10/11/2017 14:59:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1726687	-.016129	2.136865	-.000699	.0018025	49.13609	2.912449
Stddev	.0031457	.000658	.021649	.002166	.0014726	.58709	.031686
%RSD	1.821807	4.080273	1.013134	309.7249	81.69643	1.194822	1.087958

#1	.1690604	-.016060	2.131967	.000548	.0030570	48.46401	2.876205
#2	.1748337	-.016819	2.160543	.000555	.0001812	49.54899	2.934904
#3	.1741121	-.015509	2.118083	-.003200	.0021692	49.39526	2.926239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023737	.0078179	13.72551	.1051499	.0131708	.5109134	69.63352
Stddev	.0001054	.0002197	.21315	.0007165	.0002254	.0064945	.99833
%RSD	4.442184	2.810141	1.552959	.6813774	1.711458	1.271150	1.433695

#1	.0023497	.0077484	13.48086	.1047098	.0129603	.5035341	68.50596
#2	.0024891	.0080639	13.87112	.1047633	.0134086	.5157594	70.40497
#3	.0022823	.0076413	13.82456	.1059766	.0131435	.5134468	69.98964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.162477	5.088578	.0396649	.0180972	.3151704	.1360086	2.893939
Stddev	.015805	.109281	.0001487	.0002490	.0467735	.0013111	.033107
%RSD	1.359593	2.147583	.3749048	1.376099	14.84071	.9640158	1.143995

#1	1.145643	4.975726	.0398238	.0178226	.2938208	.1364465	2.872293
#2	1.176997	5.193900	.0395291	.0181609	.2828811	.1370448	2.932050
#3	1.164792	5.096109	.0396416	.0183083	.3688092	.1345346	2.877474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.511456	-500.326	-.201711	.0027825	.9200664	6.286635	.1994179
Stddev	.031029	6.410	.003325	.0002242	.0120096	.077383	.0034509
%RSD	2.052925	1.281187	1.648609	8.056856	1.305292	1.230921	1.730460

#1	1.475693	-501.624	-.198936	.0025833	.9205774	6.197286	.1983930
#2	1.527444	-505.988	-.200800	.0027389	.9318124	6.332132	.2032651
#3	1.531231	-493.366	-.205397	.0030253	.9078096	6.330488	.1965956

Sample Name: I5499-04 Acquired: 10/11/2017 14:59:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5488406	.0345596	.1311442
Stddev	.0052355	.0009512	.0013663
%RSD	.9539265	2.752395	1.041834

#1	.5428922	.0335143	.1295999
#2	.5527496	.0347901	.1321959
#3	.5508798	.0353743	.1316368

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	755.7534	1285.709	36145.59	10794.29	2566.676
Stddev	2.2549	10.361	240.14	146.45	20.860
%RSD	.2983596	.8058728	.6643741	1.356700	.8127135

#1	753.1923	1286.462	36333.03	10962.08	2567.311
#2	756.6281	1274.991	36228.85	10692.22	2545.505
#3	757.4399	1295.673	35874.90	10728.56	2587.210

Sample Name: I5499-05 Acquired: 10/11/2017 15:03:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976275	-.014886	.5334142	.0064448	.0047589	72.46023	.8616234
Stddev	.0081128	.001528	.0025350	.0045050	.0020984	.29485	.0019053
%RSD	8.309951	10.26276	.4752413	69.90141	44.09503	.4069061	.2211325

#1	.1041417	-.015860	.5328922	.0035203	.0039767	72.76673	.8628079
#2	.0885402	-.013125	.5311807	.0116327	.0071361	72.43532	.8626367
#3	.1002005	-.015673	.5361695	.0041814	.0031639	72.17862	.8594255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031997	.0045005	6.834793	.0967645	.0179212	.1418948	99.88891
Stddev	.0001304	.0001633	.020494	.0012542	.0004115	.0005750	.19085
%RSD	4.073764	3.627676	.2998454	1.296130	2.296039	.4052002	.1910623

#1	.0033216	.0046492	6.854879	.0978148	.0177720	.1412986	100.0224
#2	.0030623	.0045264	6.813915	.0971029	.0183865	.1424459	99.9741
#3	.0032152	.0043258	6.835584	.0953758	.0176052	.1419400	99.6703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6569371	7.576029	.0424491	.0060094	.3845058	.1696731	.9118651
Stddev	.0037831	.042395	.0002318	.0002856	.0772125	.0007849	.0078611
%RSD	.5758758	.5595988	.5460080	4.752325	20.08096	.4625669	.8620883

#1	.6611282	7.621622	.0424689	.0056799	.2998850	.1688033	.9203003
#2	.6559084	7.537795	.0422080	.0061850	.4511319	.1698875	.9105513
#3	.6537747	7.568671	.0426703	.0061633	.4025006	.1703285	.9047437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.934301	-214.823	-.296381	.0056887	.3686267	3.789086	.0519198
Stddev	.015353	1.543	.000511	.0009606	.0005122	.033014	.0011791
%RSD	.7937465	.7182641	.1724415	16.88542	.1389425	.8712905	2.271103

#1	1.951426	-213.065	-.296944	.0048022	.3686635	3.826190	.0532569
#2	1.921766	-215.955	-.295946	.0067092	.3680971	3.762958	.0514738
#3	1.929712	-215.448	-.296253	.0055548	.3691195	3.778110	.0510287

Sample Name: I5499-05 Acquired: 10/11/2017 15:03:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BR9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6733060	.0450113	.0561201
Stddev	.0015403	.0002273	.0001163
%RSD	.2287644	.5050382	.2072992

#1	.6748918	.0451153	.0561934
#2	.6718157	.0451681	.0561809
#3	.6732104	.0447506	.0559860

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	783.5083	1349.472	37058.17	10846.71	2607.452
Stddev	10.9850	10.037	403.63	80.22	13.922
%RSD	1.402023	.7437636	1.089173	.7395858	.5339465

#1	774.4497	1343.697	36606.08	10757.55	2599.531
#2	780.3485	1361.061	37186.11	10869.56	2623.527
#3	795.7269	1343.657	37382.32	10913.03	2599.297

Sample Name: I5499-06 Acquired: 10/11/2017 15:07:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277344	-.010780	.0529603	-.001183	.0030943	72.37562	.2096097
Stddev	.0028631	.001320	.0023441	.002075	.0018107	.38503	.0006502
%RSD	10.32332	12.24124	4.426199	175.3060	58.51637	.5319866	.3101931

#1	.0280247	-.011440	.0554302	-.002901	.0033074	72.12296	.2088593
#2	.0304412	-.009261	.0526845	.001122	.0011865	72.81876	.2100052
#3	.0247371	-.011640	.0507663	-.001771	.0047889	72.18513	.2099645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028918	.0023784	2.958345	.0968278	.0266207	.0561912	86.49226
Stddev	.0000662	.0001005	.060740	.0006644	.0002699	.0004607	.51703
%RSD	2.290688	4.225503	2.053161	.6861904	1.014071	.8198533	.5977812

#1	.0029609	.0024147	2.939563	.0975721	.0264033	.0563608	86.24073
#2	.0028857	.0022649	3.026258	.0962945	.0265359	.0565430	87.08693
#3	.0028288	.0024558	2.909215	.0966170	.0269229	.0556697	86.14912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4576312	9.880892	.0556602	.0030371	.3258366	.1706586	.1300827
Stddev	.0042741	.078136	.0008487	.0000609	.0400997	.0030704	.0058014
%RSD	.9339694	.7907807	1.524837	2.006366	12.30668	1.799139	4.459755

#1	.4563473	9.871958	.0554912	.0030085	.3400349	.1704671	.1277652
#2	.4624002	9.963112	.0549087	.0031071	.3569055	.1738203	.1257982
#3	.4541462	9.807608	.0565807	.0029958	.2805696	.1676885	.1366845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.746031	-75.2080	-.254279	.0020485	.1015685	3.196270	.0063222
Stddev	.029861	.8216	.002038	.0001118	.0075617	.029278	.0024794
%RSD	1.710234	1.092406	.8015178	5.458302	7.444938	.9160015	39.21628

#1	1.714668	-74.3158	-.253928	.0019210	.0932779	3.195374	.0083620
#2	1.749304	-75.3749	-.256469	.0020944	.1033413	3.225985	.0035626
#3	1.774120	-75.9333	-.252439	.0021301	.1080863	3.167449	.0070421

Sample Name: I5499-06 Acquired: 10/11/2017 15:07:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BS0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.011250	.0429546	.0204180
Stddev	.014094	.0005835	.0000655
%RSD	.7007445	1.358298	.3206282

#1	2.007150	.0423633	.0204498
#2	2.026939	.0435299	.0204615
#3	1.999660	.0429707	.0203427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	793.2668	1336.957	37069.85	10904.07	2560.389
Stddev	9.4044	13.775	167.26	61.98	32.196
%RSD	1.185533	1.030328	.4512146	.5683789	1.257450

#1	802.4425	1346.971	37262.36	10911.79	2586.690
#2	793.7088	1342.653	36987.09	10838.59	2569.992
#3	783.6492	1321.248	36960.09	10961.82	2524.484

Sample Name: I5499-07 Acquired: 10/11/2017 15:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1011864	-.013122	.5724298	-.003509	.0066200	64.19280	.9419109
Stddev	.0065289	.001491	.0037795	.003355	.0001042	.13953	.0017281
%RSD	6.452373	11.35941	.6602482	95.60765	1.574390	.2173623	.1834685

#1	.0994747	-.014100	.5745938	-.005420	.0066037	64.15490	.9405376
#2	.0956838	-.011407	.5680657	-.005471	.0065250	64.34736	.9438513
#3	.1084006	-.013860	.5746299	.000365	.0067315	64.07612	.9413439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028888	.0038560	7.931740	.0869200	.0167131	.1221172	88.61775
Stddev	.0000246	.0001897	.015708	.0021282	.0002524	.0013500	.22200
%RSD	.8519501	4.920219	.1980343	2.448496	1.509929	1.105488	.2505146

#1	.0028656	.0040535	7.933111	.0859636	.0169307	.1210926	88.58955
#2	.0029146	.0038394	7.946717	.0854378	.0164364	.1216121	88.41120
#3	.0028863	.0036752	7.915392	.0893587	.0167722	.1236470	88.85251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6050909	6.576227	.0369194	.0055527	.4076853	.1486794	.7415317
Stddev	.0006366	.032618	.0003279	.0000769	.0160115	.0017161	.0116763
%RSD	.1052142	.4959954	.8882190	1.385197	3.927414	1.154215	1.574618

#1	.6052550	6.589337	.0371052	.0056334	.4208138	.1478921	.7328481
#2	.6043882	6.600250	.0371123	.0055444	.4123949	.1474983	.7369415
#3	.6056294	6.539094	.0365408	.0054802	.3898472	.1506479	.7548056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.556428	-213.845	-.251420	.0047417	.3698621	3.420901	.0424040
Stddev	.021670	1.240	.001412	.0006468	.0077972	.023189	.0010973
%RSD	1.392281	.5797620	.5617442	13.64022	2.108134	.6778592	2.587773

#1	1.538209	-214.948	-.252373	.0053860	.3773695	3.439005	.0421327
#2	1.580391	-214.085	-.249797	.0040925	.3704123	3.394764	.0414677
#3	1.550683	-212.504	-.252088	.0047464	.3618043	3.428934	.0436115

Sample Name: I5499-07 Acquired: 10/11/2017 15:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5368403	.0392113	.0613707
Stddev	.0038215	.0002884	.0000600
%RSD	.7118546	.7356391	.0977559

#1	.5342329	.0388802	.0613020
#2	.5350610	.0394088	.0613974
#3	.5412270	.0393448	.0614126

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	811.4555	1378.972	37746.95	11035.06	2651.134
Stddev	11.5191	12.146	669.60	20.57	24.647
%RSD	1.419557	.8808108	1.773923	.1863650	.9296857

#1	820.5715	1364.983	37863.79	11013.43	2622.947
#2	815.2858	1385.093	38350.45	11037.41	2668.629
#3	798.5092	1386.840	37026.62	11054.35	2661.828

Sample Name: I5499-08 Acquired: 10/11/2017 15:15:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BS1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005848	-.016847	.5785621	.0024299	.0074516	65.00144	.9526783
Stddev	.0025246	.001932	.0021133	.0046748	.0017386	.44677	.0040399
%RSD	2.509965	11.46888	.3652664	192.3899	23.33219	.6873296	.4240573

#1	.0979394	-.019055	.5762072	-.002905	.0093378	65.47061	.9566552
#2	.1008467	-.015468	.5791854	.004382	.0071039	64.58107	.9485782
#3	.1029683	-.016018	.5802936	.005812	.0059131	64.95265	.9528015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029269	.0036526	7.899434	.0876238	.0167269	.1220670	89.16001
Stddev	.0000955	.0001687	.015682	.0001762	.0002974	.0008624	.37601
%RSD	3.261943	4.617427	.1985237	.2011197	1.777796	.7064965	.4217271

#1	.0029639	.0036882	7.913838	.0875488	.0170357	.1223892	89.54715
#2	.0028185	.0038006	7.882728	.0874975	.0167027	.1210899	88.79622
#3	.0029983	.0034690	7.901737	.0878252	.0164424	.1227219	89.13666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6136114	6.632381	.0368177	.0053255	.4587370	.1526678	.7421460
Stddev	.0056975	.061350	.0007093	.0001377	.0407912	.0036745	.0075608
%RSD	.9285174	.9250005	1.926584	2.585105	8.892057	2.406857	1.018780

#1	.6187562	6.698288	.0376334	.0053224	.4762261	.1520145	.7334360
#2	.6074880	6.576934	.0364744	.0051894	.4121175	.1566251	.7470190
#3	.6145901	6.621922	.0363454	.0054647	.4878675	.1493638	.7459830

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.580358	-213.227	-.253231	.0044093	.3613125	3.471516	.0424643
Stddev	.010991	1.201	.000476	.0003055	.0043386	.044273	.0021136
%RSD	.6954896	.5631960	.1881014	6.928579	1.200796	1.275311	4.977334

#1	1.592702	-212.094	-.252857	.0046652	.3568889	3.516299	.0400334
#2	1.571631	-214.486	-.253767	.0040711	.3655608	3.427772	.0434911
#3	1.576742	-213.100	-.253067	.0044916	.3614878	3.470478	.0438683

Sample Name: I5499-08 Acquired: 10/11/2017 15:15:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BS1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5456146	.0397199	.0619143
Stddev	.0027029	.0001836	.0002507
%RSD	.4953807	.4621321	.4049795

#1	.5483334	.0398122	.0621398
#2	.5429279	.0395085	.0616443
#3	.5455824	.0398390	.0619588

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	809.8162	1389.951	37583.49	10952.99	2651.687
Stddev	4.1859	2.926	26.64	69.35	4.059
%RSD	.5168902	.2104937	.0708876	.6332060	.1530589

#1	813.6645	1393.300	37613.69	10899.07	2655.254
#2	805.3594	1388.666	37573.45	11031.23	2647.271
#3	810.4246	1387.888	37563.32	10928.66	2652.537

Sample Name: I5499-09 Acquired: 10/11/2017 15:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BS1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1787113	.1159245	.7912730	.0931928	.0822702	61.52382	8.377119
Stddev	.0024156	.0031204	.0047961	.0037451	.0020966	.25569	.061406
%RSD	1.351700	2.691734	.6061249	4.018687	2.548474	.4155915	.7330179

#1	.1796408	.1162266	.7874963	.0958559	.0808602	61.75546	8.428330
#2	.1759690	.1126640	.7896534	.0889105	.0846796	61.24946	8.393985
#3	.1805241	.1188828	.7966692	.0948121	.0812709	61.56654	8.309043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950485	.1138789	6.207815	.5056416	.9666288	.6034122	81.24850
Stddev	.0009854	.0004812	.042181	.0007526	.0066278	.0011242	.56949
%RSD	1.036736	.4225233	.6794761	.1488435	.6856580	.1863049	.7009209

#1	.0950841	.1133307	6.165340	.5053333	.9661729	.6046894	81.24946
#2	.0940459	.1140746	6.208410	.5064995	.9602407	.6025724	80.67853
#3	.0960157	.1142314	6.249695	.5050922	.9734727	.6029750	81.81750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638502	6.076888	1.018244	.0108354	.3884376	1.155936	1.874164
Stddev	.009865	.021046	.008027	.0001371	.0515686	.007154	.015658
%RSD	.6020861	.3463341	.7883068	1.264825	13.27591	.6189104	.8354845

#1	1.641042	6.100935	1.015674	.0108097	.3483460	1.157564	1.866862
#2	1.627615	6.067907	1.011817	.0107130	.4466124	1.148109	1.892139
#3	1.646849	6.061822	1.027241	.0109835	.3703544	1.162137	1.863489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.418537	-208.061	-.239876	.0035839	1.067763	2.751830	.0763531
Stddev	.030097	.977	.001940	.0002614	.022561	.019345	.0038064
%RSD	2.121674	.4693548	.8087512	7.295262	2.112910	.7030013	4.985242

#1	1.433793	-207.362	-.241589	.0036802	1.058989	2.773791	.0736953
#2	1.383868	-209.177	-.237769	.0032879	1.050907	2.737309	.0746504
#3	1.437951	-207.645	-.240271	.0037835	1.093393	2.744390	.0807136

Sample Name: I5499-09 Acquired: 10/11/2017 15:19:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BS1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4906525	.0356303	.1173836
Stddev	.0034110	.0004471	.0003802
%RSD	.6951990	1.254918	.3239074

#1	.4904293	.0359097	.1177457
#2	.4873585	.0351146	.1169876
#3	.4941695	.0358666	.1174177

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.5661	1352.021	37184.63	10807.87	2617.216
Stddev	2.7057	5.158	65.50	58.51	8.917
%RSD	.3413837	.3814845	.1761555	.5413636	.3407055

#1	791.8304	1350.922	37168.62	10758.30	2615.169
#2	790.3043	1357.639	37128.62	10872.41	2626.979
#3	795.5635	1347.500	37256.66	10792.91	2609.502

Sample Name: I5499-07LX5 Acquired: 10/11/2017 15:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BS1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240595	-.002899	.1228013	-.001046	.0009739	13.46784	.1963803
Stddev	.0078448	.001105	.0032852	.002177	.0003206	.02335	.0006095
%RSD	32.60598	38.10171	2.675240	208.0867	32.91924	.1733652	.3103548

#1	.0160104	-.001630	.1252652	-.003300	.0013348	13.44123	.1969600
#2	.0244852	-.003648	.1190714	-.000883	.0008650	13.47738	.1964360
#3	.0316828	-.003418	.1240672	.001044	.0007219	13.48490	.1957449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005185	.0006712	1.695573	.0180830	.0033932	.0266067	19.00251
Stddev	.0001447	.0001085	.022057	.0006899	.0003941	.0005524	.17887
%RSD	27.90371	16.15887	1.300831	3.815113	11.61438	2.076238	.9412982

#1	.0006604	.0007915	1.678041	.0179803	.0031916	.0265049	18.81452
#2	.0005239	.0005809	1.688341	.0174502	.0038473	.0272029	19.02242
#3	.0003712	.0006412	1.720338	.0188185	.0031407	.0261122	19.17060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300677	1.431205	.0079665	.0013743	.0757389	.0316867	.1578528
Stddev	.0013058	.005819	.0006558	.0001465	.0261744	.0010107	.0013654
%RSD	1.003926	.4065796	8.231968	10.65945	34.55876	3.189634	.8649772

#1	.1286693	1.425246	.0080249	.0012796	.0901743	.0305365	.1594040
#2	.1312551	1.431496	.0085912	.0013003	.0455252	.0324330	.1568328
#3	.1302786	1.436873	.0072835	.0015431	.0915171	.0320906	.1573217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2458031	-43.3214	-.061137	.0012742	.0731310	.7572899	.0095194
Stddev	.0076320	.4107	.000940	.0003317	.0056029	.0058003	.0016376
%RSD	3.104926	.9480632	1.537101	26.02924	7.661495	.7659312	17.20243

#1	.2376019	-43.0859	-.061954	.0012859	.0794899	.7551958	.0077023
#2	.2471104	-43.0826	-.061347	.0009368	.0689190	.7638465	.0099749
#3	.2526971	-43.7956	-.060110	.0015998	.0709841	.7528275	.0108810

Sample Name: I5499-07LX5 Acquired: 10/11/2017 15:23:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BS1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1131059	.0076467	.0129168
Stddev	.0005316	.0002826	.0000598
%RSD	.4700164	3.695762	.4629717

#1	.1124975	.0079632	.0128901
#2	.1133400	.0074195	.0129854
#3	.1134804	.0075575	.0128751

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	813.0850	1403.543	37784.75	10790.16	2850.433
Stddev	9.2759	6.178	176.69	26.05	5.414
%RSD	1.140831	.4401501	.4676155	.2414669	.1899372

#1	802.7819	1397.856	37589.24	10805.50	2844.663
#2	820.7719	1410.116	37933.02	10760.07	2855.401
#3	815.7012	1402.657	37831.97	10804.90	2851.235

Sample Name: PB103082BL Acquired: 10/11/2017 15:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001189	.0010422	.0005954	-.000916	-.000852	-.001768
Stddev	.0021953	.0018016	.0004598	.002873	.001382	.003387
%RSD	1845.660	172.8647	77.22858	313.5396	162.2210	191.5288

#1	-.002186	.0019516	.0010142	.000964	-.002440	-.001581
#2	.000358	.0022078	.0006684	.000511	.000078	-.005245
#3	.002185	-.001033	.0001034	-.004223	-.000194	.001521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002592	-.000087	-.000057	-.008811	-.000558	.0000036
Stddev	.000666	.000092	.000049	.002775	.000361	.0004035
%RSD	25.68382	105.0262	85.37598	31.48897	64.74773	11182.19

#1	-.003108	.000002	-.000106	-.011017	-.000144	.0004311
#2	-.002826	-.000083	-.000057	-.009720	-.000722	-.000050
#3	-.001840	-.000181	-.000009	-.005696	-.000808	-.000371

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012221	-.005788	-.000310	.0138021	.0001316	.0004573
Stddev	.0005094	.008641	.000354	.0059460	.0000508	.0002550
%RSD	41.68330	149.2909	114.2359	43.08000	38.61238	55.77069

#1	.0013405	-.003095	-.000586	.0104067	.0001130	.0005021
#2	.0016618	.001186	-.000434	.0206678	.0000928	.0006870
#3	.0006639	-.015455	.000090	.0103319	.0001891	.0001828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007580	-.000623	-.000532	-.089132	F -.141489	-.007513
Stddev	.083999	.001390	.001747	.024002	.163148	.000616
%RSD	1108.205	223.0421	328.5660	26.92868	115.3077	8.202023

#1	-.030197	-.001917	-.002044	-.061899	-.230171	-.007862
#2	.085412	-.000799	.001381	-.107208	-.241089	-.006802
#3	-.077954	.000846	-.000932	-.098289	.046792	-.007877

Sample Name: PB103082BL Acquired: 10/11/2017 15:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000310	-.009084	-.001526	.0023559	.0008563	-.000336
Stddev	.000173	.003206	.000593	.0002671	.0003464	.000176
%RSD	55.71789	35.29744	38.84533	11.33893	40.45615	52.24388

#1	-.000115	-.006924	-.000890	.0020605	.0012412	-.000174
#2	-.000372	-.007560	-.001627	.0024267	.0007581	-.000311
#3	-.000443	-.012768	-.002062	.0025804	.0005696	-.000523

Elem	Sr4077
Units	ppm
Avg	-.000085
Stddev	.000034
%RSD	40.28553

#1	-.000124
#2	-.000060
#3	-.000072

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	791.4450	1357.120	37322.53	10755.55	2892.795
Stddev	.9702	3.494	72.02	70.01	4.262
%RSD	.1225827	.2574895	.1929541	.6509442	.1473271

#1	792.5648	1354.795	37402.45	10684.25	2891.393
#2	790.9131	1355.426	37262.68	10758.20	2889.411
#3	790.8572	1361.139	37302.47	10824.20	2897.581

Sample Name: PB103083BS Acquired: 10/11/2017 15:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0197503	.0462536	.0200228	.0708912	.1205723	.3634436
Stddev	.0033539	.0031438	.0027621	.0013432	.0022690	.0048331
%RSD	16.98157	6.796791	13.79489	1.894681	1.881897	1.329819

#1	.0235088	.0426245	.0171485	.0714700	.1199364	.3689006
#2	.0186800	.0481423	.0226572	.0718479	.1230915	.3617279
#3	.0170622	.0479939	.0202629	.0693557	.1186891	.3597025

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4891733	.0105662	.0106483	9.127971	.0240841	.0953099
Stddev	.0025679	.0000683	.0000625	.062708	.0005590	.0004259
%RSD	.5249519	.6462279	.5873674	.6869868	2.321164	.4468926

#1	.4914513	.0106429	.0106538	9.090527	.0240236	.0956589
#2	.4863904	.0105120	.0107078	9.200366	.0235577	.0954355
#3	.4896782	.0105438	.0105831	9.093022	.0246709	.0948353

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505876	.2321057	.0321728	10.26422	.0795753	.0185866
Stddev	.0006308	.0050675	.0005829	.04316	.0003440	.0005835
%RSD	1.246985	2.183270	1.811810	.4204921	.4323056	3.139164

#1	.0511267	.2361288	.0315436	10.28281	.0799467	.0192499
#2	.0498938	.2337738	.0326945	10.29498	.0792675	.0181527
#3	.0507423	.2264144	.0322804	10.21489	.0795118	.0183571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.316048	.1077096	.1254170	8.883299	F -2.09360	.0128253
Stddev	.017094	.0017649	.0012239	.089144	.27777	.0001827
%RSD	.1834884	1.638569	.9758755	1.003495	13.26761	1.424273

#1	9.308678	.1057212	.1257318	8.985474	-1.83552	.0128636
#2	9.303876	.1083172	.1264527	8.821404	-2.38757	.0126265
#3	9.335591	.1090905	.1240664	8.843020	-2.05771	.0129857

Sample Name: PB103083BS Acquired: 10/11/2017 15:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0248679	.1641221	.1825243	F .0159836	.2010323	.0964612
Stddev	.0004377	.0020268	.0005788	.0019562	.0010316	.0012094
%RSD	1.760080	1.234954	.3171100	12.23852	.5131594	1.253813

#1	.0243668	.1650333	.1830267	.0160766	.2022223	.0976901
#2	.0250612	.1655335	.1818914	.0178917	.2004835	.0952722
#3	.0251756	.1617996	.1826547	.0139827	.2003911	.0964215

Elem	Sr4077
Units	ppm
Avg	.2239533
Stddev	.0007182
%RSD	.3207024

#1	.2246636
#2	.2232274
#3	.2239688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	755.2682	1305.175	36086.21	10697.56	2708.147
Stddev	4.4232	12.055	81.45	31.78	15.141
%RSD	.5856403	.9236019	.2257171	.2970688	.5590995

#1	754.9857	1294.482	36032.75	10674.81	2695.077
#2	750.9931	1302.804	36045.92	10684.00	2704.625
#3	759.8258	1318.239	36179.96	10733.87	2724.739

Sample Name: CCV045 Acquired: 10/11/2017 15:36:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.835256	5.126523	23.60531	4.898187	4.956785	380.4456
Stddev	.024015	.026128	.03190	.006142	.020501	.2813
%RSD	.4966626	.5096631	.1351507	.1254028	.4135959	.0739343

#1	4.854522	5.155731	23.59677	4.904702	4.962780	380.1482
#2	4.842894	5.105372	23.64061	4.897356	4.973621	380.7073
#3	4.808350	5.118468	23.57855	4.892501	4.933955	380.4813

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.567734	.5139782	2.480993	382.3942	15.00176	2.416256
Stddev	.038531	.0020306	.002094	2.3792	.11267	.002358
%RSD	.4027227	.3950769	.0844005	.6221876	.7510731	.0975922

#1	9.555752	.5163216	2.483401	384.6369	14.95334	2.415096
#2	9.610833	.5127395	2.479599	379.8986	15.13055	2.414702
#3	9.536617	.5128734	2.479979	382.6471	14.92138	2.418969

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93034	400.5124	14.65873	403.4115	2.413132	1.257844
Stddev	.04539	1.3084	.04477	1.1575	.000936	.008638
%RSD	.3040402	.3266743	.3054043	.2869312	.0387960	.6867615

#1	14.88122	402.0229	14.70551	404.5696	2.414178	1.253224
#2	14.97075	399.7323	14.61629	403.4103	2.412844	1.267810
#3	14.93904	399.7820	14.65440	402.2546	2.412374	1.252497

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	386.9269	2.459496	14.96947	150.5231	5.201249	F 4.052072
Stddev	.6928	.010995	.09629	.5274	.110152	.009269
%RSD	.1790617	.4470424	.6432233	.3503852	2.117808	.2287416

#1	386.5836	2.471970	14.85873	150.1838	5.196211	4.054265
#2	387.7244	2.451210	15.03340	151.1307	5.093702	4.060047
#3	386.4728	2.455310	15.01629	150.2547	5.313834	4.041903

Sample Name: CCV045 Acquired: 10/11/2017 15:36:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923392	4.895416	4.865066	4.834396	4.854740	4.933109
Stddev	.012473	.011714	.017906	.009512	.005492	.017330
%RSD	.2533451	.2392892	.3680550	.1967593	.1131212	.3512996

#1	4.929774	4.893195	4.867167	4.845327	4.860198	4.917105
#2	4.931383	4.884971	4.881828	4.829862	4.849215	4.951514
#3	4.909020	4.908082	4.846202	4.827998	4.854808	4.930707

Elem	Sr4077
Units	ppm
Avg	4.896480
Stddev	.013738
%RSD	.2805621

#1	4.904071
#2	4.880622
#3	4.904746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	632.5997	1089.904	30472.66	9621.878	1849.065
Stddev	3.8825	4.072	167.90	26.657	2.825
%RSD	.6137304	.3736291	.5509815	.2770426	.1527689

#1	637.0321	1087.593	30624.28	9591.147	1846.708
#2	629.8016	1087.512	30292.22	9635.735	1848.289
#3	630.9653	1094.606	30501.48	9638.753	1852.196

Sample Name: CCB045 Acquired: 10/11/2017 15:40:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024008	-.000051	.0009954	-.002395	-.000442	.0017482
Stddev	.0010000	.000790	.0009405	.001995	.001061	.0036122
%RSD	41.65382	1559.083	94.48530	83.28520	240.0522	206.6239

#1	.0019934	-.000085	.0015380	-.002876	.000370	-.000799
#2	.0035403	.000756	-.000091	-.004106	-.001642	.005882
#3	.0016688	-.000823	.001539	-.000204	-.000054	.000162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001548	-.000078	-.000028	-.012175	-.000162	.0000076
Stddev	.000883	.000085	.000085	.008348	.000335	.0003882
%RSD	57.06460	109.4536	297.2689	68.57029	206.2189	5111.483

#1	-.001369	.000017	.000016	-.021798	-.000419	.0003126
#2	-.002507	-.000102	.000025	-.006865	.000216	-.000429
#3	-.000768	-.000148	-.000126	-.007862	-.000285	.000140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006759	-.000698	.0003991	.0110438	.0004926	.0004918
Stddev	.0008190	.002611	.0001648	.0174044	.0002433	.0001688
%RSD	121.1647	374.3278	41.29731	157.5944	49.40072	34.32972

#1	-.000041	.002248	.0004658	.0116733	.0006229	.0005565
#2	.000501	-.001613	.0005202	.0281250	.0002118	.0003002
#3	.001568	-.002728	.0002114	-.006667	.0006430	.0006188

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125811	.0003103	-.002333	-.046814	F .0984949	.0047008
Stddev	.0557275	.0017199	.002741	.027074	.0277020	.0008932
%RSD	442.9469	554.2129	117.4907	57.83397	28.12528	18.99997

#1	.0712034	.0011236	-.004163	-.078077	.0729166	.0057216
#2	-.039711	-.001665	.000819	-.031204	.1279188	.0043177
#3	.006251	.001473	-.003655	-.031161	.0946495	.0040631

Sample Name: CCB045 Acquired: 10/11/2017 15:40:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003977	-.011405	-.001030	.0016450	.0004243	.0001618
Stddev	.0000910	.003731	.000166	.0023900	.0002707	.0002698
%RSD	22.87167	32.71618	16.09099	145.2946	63.80706	166.7325

#1	.0003870	-.015524	-.001219	.0039678	.0006741	.0004641
#2	.0004936	-.008250	-.000908	-.000807	.0004622	.0000760
#3	.0003126	-.010442	-.000963	.001774	.0001366	-.000055

Elem	Sr4077
Units	ppm
Avg	.0000133
Stddev	.0000173
%RSD	130.2722

#1	.0000319
#2	-.000002
#3	.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	817.1266	1400.480	37936.63	10769.59	2928.811
Stddev	4.2193	5.998	159.79	76.59	15.336
%RSD	.5163607	.4282909	.4212097	.7111298	.5236357

#1	814.8704	1395.505	37859.67	10751.28	2923.341
#2	814.5150	1407.140	37829.87	10703.83	2946.133
#3	821.9943	1398.795	38120.33	10853.67	2916.961

Sample Name: I5594-14 Acquired: 10/11/2017 15:44:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507233	-.012834	.4131992	-.001564	.0028471	50.86494	.3255213
Stddev	.0035590	.001452	.0007374	.005400	.0004095	.15374	.0014663
%RSD	7.016583	11.31617	.1784739	345.2014	14.38256	.3022597	.4504515

#1	.0475220	-.011179	.4132603	.004073	.0025231	50.92782	.3266412
#2	.0500922	-.013896	.4124331	-.002075	.0027110	50.68973	.3238616
#3	.0545556	-.013425	.4139042	-.006691	.0033074	50.97729	.3260610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020903	.0022649	7.857778	.0810315	.0145942	.0964330	73.67405
Stddev	.0001409	.0001950	.066518	.0007026	.0002616	.0016571	.26418
%RSD	6.739098	8.608701	.8465298	.8670559	1.792502	1.718427	.3585834

#1	.0022499	.0024826	7.878437	.0818213	.0147873	.0983456	73.69025
#2	.0020376	.0021064	7.783381	.0807971	.0142965	.0955272	73.40214
#3	.0019834	.0022057	7.911516	.0804760	.0146988	.0954261	73.92977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9721420	2.128170	.0274376	.0030461	.2927249	.1357135	.3258809
Stddev	.0023470	.022452	.0007535	.0000998	.0108653	.0015729	.0028057
%RSD	.2414255	1.054996	2.746236	3.277348	3.711768	1.159000	.8609651

#1	.9745108	2.152498	.0282486	.0029425	.3050474	.1348519	.3290023
#2	.9698174	2.108246	.0273050	.0031417	.2886062	.1347597	.3250716
#3	.9720979	2.123767	.0267592	.0030541	.2845212	.1375290	.3235687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8459596	-124.538	-.212191	.0042562	.2287104	1.763947	.0250883
Stddev	.0203282	1.074	.000433	.0004173	.0029453	.016765	.0011755
%RSD	2.402975	.8619971	.2041432	9.805626	1.287782	.9504306	4.685322

#1	.8678326	-125.745	-.211700	.0047370	.2258962	1.768119	.0245470
#2	.8423997	-123.688	-.212353	.0039867	.2284638	1.745490	.0264369
#3	.8276465	-124.182	-.212520	.0040450	.2317713	1.778232	.0242811

Sample Name: I5594-14 Acquired: 10/11/2017 15:44:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5261569	.0310735	.1037384
Stddev	.0033195	.0003168	.0003854
%RSD	.6308968	1.019605	.3714730

#1	.5255695	.0307294	.1039965
#2	.5231704	.0311381	.1032954
#3	.5297310	.0313531	.1039233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	799.2104	1345.176	37158.29	10843.94	2656.585
Stddev	6.5491	7.018	179.34	49.97	11.152
%RSD	.8194432	.5217040	.4826507	.4608118	.4197876

#1	802.0178	1349.396	37061.36	10796.20	2654.509
#2	803.8877	1349.057	37365.24	10895.87	2668.629
#3	791.7256	1337.075	37048.26	10839.75	2646.617

Sample Name: I5594-15 Acquired: 10/11/2017 15:48:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C23D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490996	-.011116	.4100269	-.004149	.0046677	51.21255	.3260901
Stddev	.0020926	.003715	.0043356	.001056	.0023803	.42652	.0032470
%RSD	4.261866	33.41927	1.057402	25.44457	50.99492	.8328401	.9957279

#1	.0467004	-.011339	.4050239	-.004039	.0020646	51.60115	.3292860
#2	.0500506	-.007295	.4123680	-.005255	.0067332	51.28027	.3261899
#3	.0505477	-.014715	.4126886	-.003153	.0052053	50.75622	.3227944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020709	.0022625	7.780418	.0808416	.0143591	.0970519	74.25865
Stddev	.0000305	.0001858	.010229	.0018662	.0000539	.0007673	.40096
%RSD	1.470662	8.210498	.1314671	2.308414	.3752263	.7906463	.5399517

#1	.0020622	.0021188	7.791856	.0787148	.0143583	.0977718	74.40032
#2	.0020457	.0024723	7.777249	.0816050	.0143056	.0971393	74.56954
#3	.0021047	.0021965	7.772149	.0822050	.0144134	.0962446	73.80608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9846281	2.189128	.0269664	.0030565	.3228458	.1369464	.3250524
Stddev	.0076502	.018653	.0004709	.0002758	.1051174	.0024809	.0078306
%RSD	.7769627	.8520618	1.746350	9.024100	32.55963	1.811610	2.409018

#1	.9929491	2.209353	.0264355	.0031352	.2549556	.1381367	.3262207
#2	.9830359	2.185430	.0271297	.0032844	.4439279	.1386079	.3167034
#3	.9778993	2.172601	.0273339	.0027499	.2696539	.1340946	.3322332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8669566	-122.320	-.216284	.0040431	.2261500	1.773176	.0232250
Stddev	.0188234	.540	.001085	.0002626	.0067851	.001411	.0005641
%RSD	2.171207	.4417401	.5016672	6.495942	3.000273	.0795976	2.428841

#1	.8885979	-121.698	-.217385	.0037398	.2183153	1.772406	.0225742
#2	.8543862	-122.674	-.216250	.0041917	.2300599	1.774805	.0235744
#3	.8578857	-122.588	-.215216	.0041977	.2300749	1.772316	.0235264

Sample Name: I5594-15 Acquired: 10/11/2017 15:48:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C23D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5288817	.0310393	.1041550
Stddev	.0037991	.0005225	.0008501
%RSD	.7183290	1.683521	.8162219

#1	.5309405	.0315207	.1049951
#2	.5312071	.0311137	.1041748
#3	.5244976	.0304835	.1032952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	789.9050	1360.659	36913.71	10766.71	2682.749
Stddev	14.3439	7.220	483.92	56.25	11.522
%RSD	1.815907	.5305986	1.310939	.5224282	.4294883

#1	795.5221	1360.909	37240.51	10738.41	2691.720
#2	800.5903	1353.317	37142.83	10730.22	2669.755
#3	773.6025	1367.750	36357.78	10831.48	2686.771

Sample Name: I5594-16 Acquired: 10/11/2017 15:52:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C23S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431796	.1031107	.4877865	.0857468	.0790092	59.18655	4.608118
Stddev	.0070416	.0010696	.0009519	.0026796	.0013945	.16986	.012522
%RSD	4.918012	1.037338	.1951557	3.125056	1.765040	.2869929	.2717403

#1	.1471251	.1029935	.4878110	.0876040	.0781047	59.24134	4.602566
#2	.1473639	.1042341	.4887260	.0869615	.0806152	58.99605	4.599331
#3	.1350499	.1021045	.4868226	.0826750	.0783077	59.32225	4.622456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987968	.0987597	13.14397	.5116526	.9986488	.6064743	76.67322
Stddev	.0008727	.0000680	.06976	.0038778	.0029411	.0008761	.42082
%RSD	.8832996	.0688413	.5307260	.7578870	.2945077	.1444637	.5488454

#1	.0994955	.0987917	13.16210	.5125024	.9989572	.6058008	77.15757
#2	.0978186	.0986816	13.20288	.5074204	.9955657	.6061572	76.39725
#3	.0990762	.0988058	13.06694	.5150349	1.001424	.6074648	76.46484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.320135	2.536375	1.034004	.0025932	.4097041	1.207698	1.390016
Stddev	.004731	.017641	.002391	.0004691	.0270882	.004278	.023558
%RSD	.2039264	.6955080	.2312306	18.08781	6.611642	.3541902	1.694799

#1	2.325555	2.551007	1.033849	.0022695	.4374711	1.209153	1.404098
#2	2.316829	2.516786	1.031694	.0031312	.3833501	1.202883	1.403130
#3	2.318021	2.541332	1.036468	.0023790	.4082912	1.211058	1.362819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257277	-187.999	-.220175	.0041839	.3563087	3.808041	.0276318
Stddev	.024513	1.034	.000579	.0001818	.0078735	.032537	.0012927
%RSD	1.949655	.5501214	.2628868	4.344323	2.209746	.8544391	4.678434

#1	1.229404	-188.963	-.220388	.0043299	.3531142	3.812896	.0273968
#2	1.266951	-186.907	-.220617	.0039803	.3505344	3.773348	.0264727
#3	1.275477	-188.125	-.219520	.0042416	.3652774	3.837877	.0290259

Sample Name: I5594-16 Acquired: 10/11/2017 15:52:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C23S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5886473	.0399934	.1499404
Stddev	.0010594	.0003626	.0004209
%RSD	.1799783	.9065149	.2806849

#1	.5891428	.0402891	.1500472
#2	.5893682	.0395889	.1494764
#3	.5874309	.0401022	.1502976

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	794.1991	1363.347	37478.17	10852.18	2673.541
Stddev	4.5646	6.286	139.94	45.37	9.507
%RSD	.5747461	.4610760	.3734034	.4180647	.3555774

#1	794.5082	1357.030	37404.81	10809.77	2664.456
#2	789.4878	1369.601	37390.15	10900.02	2683.419
#3	798.6014	1363.410	37639.54	10846.76	2672.747

Sample Name: I5529-01A Acquired: 10/11/2017 15:56:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122318	.0390746	.0549556	-.004920	.0007289	18.53694	.2907668
Stddev	.0024051	.0029323	.0010152	.002303	.0008435	.11795	.0018863
%RSD	19.66259	7.504417	1.847374	46.80803	115.7274	.6362724	.6487263

#1	.0134223	.0375505	.0538205	-.007553	.0015437	18.67291	.2929379
#2	.0138094	.0424551	.0557768	-.003922	-.000141	18.47581	.2895294
#3	.0094637	.0372181	.0552697	-.003284	.000784	18.46211	.2898333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010150	.0021147	79.62418	.0316832	.0103297	.0852917	57.22850
Stddev	.0000278	.0000677	.16173	.0000670	.0001812	.0010014	.10827
%RSD	2.733602	3.203356	.2031126	.2114126	1.754531	1.174116	.1891852

#1	.0009831	.0020813	79.80756	.0317604	.0101346	.0846190	57.25041
#2	.0010339	.0020701	79.50193	.0316480	.0104928	.0864426	57.32413
#3	.0010279	.0021926	79.56305	.0316412	.0103616	.0848134	57.11095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.113476	37.13826	.0211195	.0024580	38.20976	.0755333	.2309888
Stddev	.011553	.19480	.0000667	.0004319	.24276	.0021763	.0035842
%RSD	.1889736	.5245335	.3156743	17.57209	.6353343	2.881209	1.551672

#1	6.125365	37.33538	.0210876	.0027806	38.48804	.0770682	.2334455
#2	6.102292	37.13353	.0210749	.0026262	38.09977	.0730427	.2326450
#3	6.112771	36.94586	.0211962	.0019673	38.04146	.0764890	.2268761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.17550	-147.370	.0422164	.0030782	.7760983	42.64832	.0004194
Stddev	.17888	1.402	.0009608	.0004176	.0054541	.15925	.0011051
%RSD	.6131084	.9512891	2.275926	13.56662	.7027594	.3734098	263.4921

#1	29.38112	-146.414	.0424224	.0034491	.7735475	42.66577	.0015373
#2	29.08970	-146.716	.0411693	.0026259	.7723870	42.48106	-.000672
#3	29.05569	-148.979	.0430575	.0031597	.7823604	42.79813	.000393

Sample Name: I5529-01A Acquired: 10/11/2017 15:56:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ488A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.790772	.0131313	.5560262
Stddev	.014696	.0003609	.0013010
%RSD	.8206705	2.748720	.2339823

#1	1.806339	.0134686	.5575144
#2	1.777137	.0131747	.5551045
#3	1.788842	.0127506	.5554596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	759.0375	1283.575	35334.81	10580.10	2446.775
Stddev	7.5108	6.687	167.28	20.29	9.991
%RSD	.9895177	.5209767	.4734113	.1917516	.4083335

#1	760.6340	1288.387	35457.59	10563.61	2454.960
#2	750.8568	1286.399	35144.29	10602.76	2449.724
#3	765.6217	1275.939	35402.57	10573.94	2435.642

Sample Name: I5594-14LX5 Acquired: 10/11/2017 16:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C23L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135164	-.000983	.0858568	-.000283	-.000166	10.31051	.0639424
Stddev	.0024567	.001651	.0006293	.001608	.000323	.02391	.0004076
%RSD	18.17542	167.8838	.7329771	569.1028	194.6470	.2319113	.6374908

#1	.0161813	.000246	.0851308	-.002068	-.000480	10.29635	.0635040
#2	.0130261	-.000337	.0862456	.000166	-.000183	10.33812	.0643099
#3	.0113420	-.002859	.0861941	.001054	.000165	10.29708	.0640134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002755	.0004895	1.582412	.0158091	.0028891	.0206746	15.05446
Stddev	.0001326	.0001045	.017774	.0000862	.0003757	.0008789	.09663
%RSD	48.15008	21.35529	1.123246	.5451045	13.00362	4.251194	.6418430

#1	.0001575	.0003791	1.562831	.0157130	.0029318	.0197359	14.97835
#2	.0004191	.0005870	1.586876	.0158795	.0032416	.0214782	15.16317
#3	.0002498	.0005024	1.597529	.0158349	.0024939	.0208096	15.02186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1982091	.4604522	.0057380	.0008821	.1035701	.0270359	.0627849
Stddev	.0008718	.0083868	.0006232	.0002521	.0328036	.0008130	.0008531
%RSD	.4398291	1.821420	10.86048	28.58163	31.67289	3.007190	1.358763

#1	.1972067	.4630757	.0063173	.0006142	.1407884	.0262066	.0619046
#2	.1986305	.4672136	.0058179	.0009172	.0910588	.0278316	.0628423
#3	.1987901	.4510673	.0050787	.0011148	.0788633	.0270693	.0636079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845680	-24.8438	-.049523	.0010799	.0462174	.3658736	.0075030
Stddev	.0054230	.2694	.000169	.0003006	.0025049	.0048250	.0007687
%RSD	6.412623	1.084200	.3417863	27.83102	5.419790	1.318751	10.24476

#1	.0906829	-24.5488	-.049496	.0009964	.0445165	.3664628	.0076384
#2	.0826786	-25.0767	-.049369	.0014134	.0490938	.3703769	.0081949
#3	.0803424	-24.9059	-.049704	.0008299	.0450419	.3607811	.0066756

Sample Name: I5594-14LX5 Acquired: 10/11/2017 16:01:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C23L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1072126	.0060012	.0211172
Stddev	.0003725	.0003133	.0001899
%RSD	.3474062	5.219927	.8992054

#1	.1074487	.0058460	.0209410
#2	.1074059	.0063617	.0213183
#3	.1067833	.0057957	.0210922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	783.9875	1339.094	37002.92	10718.18	2784.866
Stddev	5.1636	11.629	106.39	37.78	21.111
%RSD	.6586304	.8684479	.2875145	.3524487	.7580758

#1	779.2683	1337.111	36886.60	10717.85	2787.263
#2	783.1912	1328.584	37095.29	10680.58	2762.658
#3	789.5030	1351.588	37026.88	10756.13	2804.677

Sample Name: I5594-17 Acquired: 10/11/2017 16:05:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130995	-.022691	2.021222	-.001248	.0057329	54.31229	.8088753
Stddev	.0073364	.004626	.005746	.002285	.0008588	.21637	.0037997
%RSD	6.486689	20.38907	.2842658	183.0887	14.98044	.3983754	.4697496

#1	.1074389	-.017583	2.014975	-.002970	.0047834	54.09096	.8046114
#2	.1213879	-.023890	2.026280	-.002120	.0064555	54.32259	.8101117
#3	.1104717	-.026600	2.022411	.001345	.0059598	54.52333	.8119028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051171	.0115014	32.71801	.1034486	.0221134	.2053930	117.2887
Stddev	.0000683	.0001394	.15980	.0001288	.0004774	.0015966	.3037
%RSD	1.334009	1.211877	.4884287	.1244687	2.159113	.7773307	.2588954

#1	.0051408	.0116619	32.56034	.1035834	.0217936	.2037928	117.0412
#2	.0051704	.0114101	32.87987	.1034355	.0218844	.2069859	117.6276
#3	.0050402	.0114324	32.71383	.1033269	.0226622	.2054002	117.1975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6525988	9.869736	.0641562	.0045030	.8239905	.2369884	1.700855
Stddev	.0039676	.030060	.0008501	.0003305	.0308375	.0028071	.008862
%RSD	.6079725	.3045633	1.325007	7.338723	3.742462	1.184505	.5210596

#1	.6527886	9.868032	.0637998	.0048188	.8528111	.2399221	1.708654
#2	.6564680	9.840565	.0635424	.0041596	.7914699	.2343278	1.702694
#3	.6485396	9.900611	.0651265	.0045305	.8276906	.2367152	1.691218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374780	-281.098	-.334792	.0061520	2.792623	3.179366	.1517389
Stddev	.026181	1.797	.000743	.0004488	.015767	.032717	.0017122
%RSD	1.904360	.6392507	.2219981	7.295892	.5645947	1.029028	1.128413

#1	1.354726	-280.654	-.333958	.0056796	2.805068	3.144820	.1532195
#2	1.365215	-283.075	-.335033	.0065729	2.797909	3.183399	.1498639
#3	1.404398	-279.565	-.335384	.0062035	2.774892	3.209879	.1521333

Sample Name: I5594-17 Acquired: 10/11/2017 16:05:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.069670	.0431788	.4430260
Stddev	.002219	.0003862	.0019225
%RSD	.2074192	.8945138	.4339525

#1	1.068120	.0428101	.4408449
#2	1.072211	.0431458	.4437585
#3	1.068678	.0435805	.4444746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	767.8109	1299.376	36720.62	10821.04	2515.251
Stddev	3.9376	4.018	77.15	27.53	4.139
%RSD	.5128308	.3091998	.2101103	.2544543	.1645473

#1	763.2797	1301.541	36669.26	10851.79	2518.358
#2	769.7520	1294.741	36683.26	10812.66	2510.553
#3	770.4011	1301.848	36809.34	10798.67	2516.843

Sample Name: I5594-18 Acquired: 10/11/2017 16:09:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559063	-.018572	.2565830	-.002275	.0029412	57.99563	.2914691
Stddev	.0014078	.002776	.0015917	.002446	.0017127	.37793	.0011173
%RSD	2.518080	14.94541	.6203489	107.5267	58.23078	.6516507	.3833433

#1	.0551345	-.018505	.2578792	-.003402	.0027975	58.35203	.2927591
#2	.0550532	-.021380	.2570633	.000532	.0013049	58.03554	.2908382
#3	.0575312	-.015830	.2548064	-.003953	.0047212	57.59934	.2908098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027850	.0037529	4.666601	.1067244	.0114005	.0865873	113.8034
Stddev	.0001042	.0002427	.016775	.0005921	.0002216	.0000931	.7076
%RSD	3.740602	6.467391	.3594697	.5547489	1.944037	.1074828	.6217648

#1	.0028997	.0040325	4.650174	.1060718	.0113869	.0866713	114.3097
#2	.0026964	.0036299	4.665925	.1072271	.0116286	.0866033	114.1056
#3	.0027588	.0035962	4.683704	.1068744	.0111859	.0864873	112.9949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2190829	2.091280	.0292570	.0039384	.4577828	.2057665	.2339498
Stddev	.0014883	.008561	.0004064	.0003891	.0630282	.0041542	.0075500
%RSD	.6793090	.4093724	1.389161	9.878463	13.76816	2.018902	3.227195

#1	.2206481	2.087835	.0292992	.0036577	.4661029	.2051631	.2326800
#2	.2189148	2.084978	.0288311	.0037749	.3910077	.2101895	.2420542
#3	.2176858	2.101027	.0296407	.0043825	.5162378	.2019471	.2271152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5164952	-88.7945	-.337621	.0049926	.4825814	2.602293	.0155349
Stddev	.0309627	.8816	.003263	.0003271	.0010660	.007541	.0017913
%RSD	5.994768	.9928441	.9663521	6.552477	.2208928	.2897645	11.53091

#1	.5509300	-89.5517	-.341368	.0049418	.4833152	2.610977	.0136276
#2	.4909487	-89.0052	-.335409	.0046938	.4830704	2.597407	.0171818
#3	.5076069	-87.8267	-.336086	.0053422	.4813586	2.598494	.0157952

Sample Name: I5594-18 Acquired: 10/11/2017 16:09:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6968240	.0318812	.1123763
Stddev	.0089195	.0002135	.0007196
%RSD	1.280018	.6695870	.6403743

#1	.7060287	.0321178	.1131037
#2	.6962232	.0318226	.1123604
#3	.6882202	.0317031	.1116647

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	786.8280	1354.661	36900.76	10771.73	2638.213
Stddev	6.7660	3.080	123.98	81.28	2.203
%RSD	.8599108	.2273926	.3359871	.7545361	.0835220

#1	779.9147	1354.477	36766.10	10689.42	2639.543
#2	787.1327	1351.677	36926.00	10773.84	2635.670
#3	793.4364	1357.830	37010.18	10851.93	2639.426

Sample Name: I5594-19 Acquired: 10/11/2017 16:13:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1861004	-.026212	1.033129	-.004342	.0095752	70.60699	.4990096
Stddev	.0043911	.003978	.004242	.003181	.0009683	.28360	.0022364
%RSD	2.359537	15.17473	.4105533	73.24797	10.11275	.4016638	.4481739

#1	.1865353	-.023836	1.037719	-.004217	.0096751	70.78600	.5003264
#2	.1902578	-.023996	1.029355	-.007583	.0085608	70.75496	.5002751
#3	.1815079	-.030804	1.032312	-.001226	.0104897	70.28000	.4964274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031173	.0048785	4.425909	.1219551	.0220766	.3274604	138.5790
Stddev	.0000975	.0001244	.116860	.0008362	.0003347	.0025055	.2393
%RSD	3.126342	2.551001	2.640367	.6856649	1.516053	.7651369	.1726539

#1	.0031624	.0049730	4.308421	.1227946	.0224603	.3302464	138.6773
#2	.0031842	.0049251	4.542131	.1211223	.0218451	.3267431	138.7535
#3	.0030055	.0047375	4.427176	.1219483	.0219242	.3253918	138.3062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5101849	2.570000	.0353299	.0052092	.5679152	.2207515	.6295523
Stddev	.0011709	.031296	.0006358	.0001959	.0399103	.0018129	.0131526
%RSD	.2295064	1.217754	1.799635	3.760307	7.027511	.8212193	2.089206

#1	.5114529	2.603385	.0349698	.0053226	.5223311	.2187749	.6383200
#2	.5091445	2.565289	.0360641	.0053219	.5965723	.2223367	.6144289
#3	.5099572	2.541327	.0349559	.0049830	.5848421	.2211428	.6359081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7524377	-102.499	-.408274	.0044093	.3910434	3.460394	.1506241
Stddev	.0164572	1.071	.000523	.0003429	.0053045	.018140	.0011389
%RSD	2.187185	1.044808	.1281839	7.776021	1.356495	.5242145	.7561202

#1	.7488674	-102.738	-.408102	.0044943	.3854662	3.450392	.1496206
#2	.7703870	-101.329	-.407859	.0040320	.3916391	3.449456	.1503896
#3	.7380587	-103.431	-.408862	.0047017	.3960249	3.481333	.1518619

Sample Name: I5594-19 Acquired: 10/11/2017 16:13:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8613859	.0306850	.0714620
Stddev	.0046149	.0006340	.0002406
%RSD	.5357520	2.066246	.3366520

#1	.8655816	.0309002	.0715825
#2	.8621331	.0311835	.0716186
#3	.8564430	.0299714	.0711850

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	793.0079	1355.789	37265.33	10983.32	2584.649
Stddev	2.7741	15.967	145.98	28.88	18.802
%RSD	.3498215	1.177677	.3917337	.2629407	.7274524

#1	790.0590	1356.450	37100.80	10978.17	2586.324
#2	793.3990	1339.501	37315.85	10957.35	2565.066
#3	795.5657	1371.415	37379.35	11014.42	2602.558

Sample Name: I5594-20 Acquired: 10/11/2017 16:17:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417367	-.014610	.9091752	-.005389	.0045333	62.76589	.3129949
Stddev	.0021380	.001912	.0057413	.001212	.0024369	.67158	.0029018
%RSD	5.122514	13.08341	.6314845	22.49121	53.75502	1.069982	.9271006

#1	.0405958	-.013088	.9045775	-.004572	.0026127	63.54136	.3161519
#2	.0404113	-.016755	.9073377	-.006782	.0037125	62.38201	.3123886
#3	.0442031	-.013988	.9156103	-.004814	.0072745	62.37431	.3104441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020691	.0034849	3.564467	.1181120	.0083624	.0792816	94.27741
Stddev	.0001085	.0000828	.048864	.0031586	.0004580	.0008944	1.04054
%RSD	5.244409	2.376441	1.370861	2.674238	5.476716	1.128101	1.103697

#1	.0021112	.0035779	3.619095	.1153871	.0086441	.0802509	95.46842
#2	.0021503	.0034575	3.524923	.1173748	.0078339	.0791056	93.54463
#3	.0019459	.0034193	3.549385	.1215739	.0086092	.0784883	93.81918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2663191	2.215554	.0300994	.0033235	.3643527	.1754200	.3547357
Stddev	.0040278	.003575	.0002856	.0001394	.0082903	.0005661	.0102120
%RSD	1.512398	.1613762	.9488908	4.195128	2.275346	.3227210	2.878753

#1	.2709700	2.211896	.0303183	.0033858	.3738811	.1748321	.3616204
#2	.2639860	2.215725	.0297763	.0034210	.3587906	.1754665	.3595841
#3	.2640012	2.219040	.0302035	.0031638	.3603865	.1759615	.3430027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6353515	-66.8965	-.281745	.0018774	.2047615	4.564325	.0180830
Stddev	.0228388	.5483	.003293	.0002629	.0079213	.049668	.0020562
%RSD	3.594663	.8195754	1.168950	14.00037	3.868539	1.088170	11.37099

#1	.6615753	-66.7218	-.282866	.0020405	.2107459	4.589383	.0202294
#2	.6246567	-66.4570	-.278038	.0015742	.1957788	4.507120	.0178888
#3	.6198224	-67.5109	-.284332	.0020176	.2077598	4.596473	.0161307

Sample Name: I5594-20 Acquired: 10/11/2017 16:17:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7576652	.0221370	.0490219
Stddev	.0097405	.0007030	.0003913
%RSD	1.285599	3.175872	.7981448

#1	.7688917	.0229482	.0494673
#2	.7526462	.0217049	.0488649
#3	.7514578	.0217578	.0487335

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	791.1322	1364.013	37050.83	10824.93	2654.436
Stddev	3.7373	5.398	67.89	97.41	5.579
%RSD	.4724015	.3957081	.1832311	.8998515	.2101888

#1	790.1848	1359.231	37107.94	10714.45	2648.086
#2	787.9597	1362.942	37068.78	10898.45	2658.554
#3	795.2520	1369.865	36975.77	10861.89	2656.667

Sample Name: PB103083BL Acquired: 10/11/2017 16:21:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011092	-.000288	-.000734	-.001311	-.001043	-.004005
Stddev	.0028064	.002437	.000315	.001877	.000356	.003076
%RSD	253.0235	846.0318	42.91745	143.1824	34.15115	76.79022

#1	-.002013	-.001329	-.000545	.000765	-.001388	-.003666
#2	.001919	-.002031	-.001098	-.001808	-.000676	-.001113
#3	.003421	.002496	-.000560	-.002889	-.001067	-.007237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002172	-.000102	-.000055	-.008832	-.000138	.0001002
Stddev	.000185	.000017	.000112	.004302	.000579	.0002565
%RSD	8.509047	16.53944	203.8797	48.70781	419.2096	256.0397

#1	-.002225	-.000115	-.000114	-.013726	-.000762	-.000088
#2	-.002325	-.000083	-.000125	-.007116	-.000034	.000392
#3	-.001967	-.000108	.000074	-.005653	.000382	-.000004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000508	.0001778	.0002365	.0225574	-.000062	.0002271
Stddev	.000937	.0006653	.0003619	.0105894	.000346	.0001508
%RSD	184.5034	374.1410	153.0358	46.94419	556.6348	66.39756

#1	-.001267	-.000494	.0006309	.0110432	.000008	.0003508
#2	-.000797	.000836	-.000080	.0318786	.000244	.0000591
#3	.000540	.000192	.000159	.0247505	-.000438	.0002713

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.101924	.0005559	-.003253	-.082947	F .0314518	-.007094
Stddev	.068275	.0032170	.001517	.017929	.0868981	.000645
%RSD	66.98661	578.6736	46.64689	21.61528	276.2899	9.086669

#1	-.041430	-.002265	-.002988	-.097236	-.064132	-.007838
#2	-.088388	-.000126	-.001886	-.062829	.052804	-.006713
#3	-.175953	.004059	-.004886	-.088778	.105684	-.006730

Sample Name: PB103083BL Acquired: 10/11/2017 16:21:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000247	-.005981	-.000698	.0013328	.0006384	-.000396
Stddev	.000198	.001978	.001438	.0007604	.0007114	.000226
%RSD	80.18391	33.07897	205.9629	57.04724	111.4340	57.23187

#1	-.000355	-.005302	-.002357	.0004707	-.000175	-.000150
#2	-.000018	-.008209	.000175	.0016202	.000947	-.000595
#3	-.000367	-.004431	.000088	.0019077	.001143	-.000442

Elem	Sr4077
Units	ppm
Avg	-.000037
Stddev	.000011
%RSD	30.56352

#1	-.000024
#2	-.000045
#3	-.000043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	810.1067	1399.516	37614.03	10665.63	2928.159
Stddev	4.1636	7.380	128.97	45.69	8.535
%RSD	.5139626	.5273211	.3428854	.4283623	.2914896

#1	805.4863	1391.153	37465.30	10628.30	2924.022
#2	811.2660	1405.115	37681.92	10652.00	2937.975
#3	813.5678	1402.280	37694.88	10716.58	2922.482

Sample Name: PB103082BS Acquired: 10/11/2017 16:25:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0201702	.0493833	.0208771	.0721016	.1214347	.3797428
Stddev	.0037513	.0018190	.0003759	.0024197	.0011910	.0005554
%RSD	18.59842	3.683513	1.800755	3.355895	.9807908	.1462487

#1	.0199709	.0498695	.0210770	.0693090	.1201264	.3791188
#2	.0240172	.0473706	.0204434	.0735743	.1217216	.3801830
#3	.0165225	.0509099	.0211108	.0734213	.1224560	.3799265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3670890	.0107838	.0107177	9.364256	.0247150	.0961333
Stddev	.0008780	.0001940	.0000229	.030361	.0004616	.0005726
%RSD	.2391888	1.799234	.2133367	.3242235	1.867534	.5956230

#1	.3672860	.0107338	.0107441	9.338257	.0248094	.0955059
#2	.3678519	.0109979	.0107052	9.397623	.0242136	.0962662
#3	.3661293	.0106197	.0107039	9.356887	.0251221	.0966277

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515234	F .2792112	.0339504	10.43057	.0817302	.0191220
Stddev	.0005064	.0053961	.0004840	.05935	.0007654	.0004258
%RSD	.9827728	1.932627	1.425744	.5689705	.9364774	2.226473

#1	.0510254	.2743211	.0336386	10.37975	.0815798	.0186929
#2	.0520378	.2850004	.0345080	10.49579	.0810512	.0195443
#3	.0515069	.2783120	.0337047	10.41616	.0825596	.0191288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.523997	.1062221	.1255187	9.004838	F -2.01433	.0121810
Stddev	.083962	.0011667	.0035358	.053538	.26597	.0004088
%RSD	.8815820	1.098317	2.816961	.5945513	13.20396	3.356096

#1	9.553122	.1064777	.1269913	9.055848	-2.15862	.0123795
#2	9.589517	.1072398	.1280802	9.009580	-2.17698	.0124527
#3	9.429350	.1049489	.1214846	8.949087	-1.70740	.0117109

Sample Name: PB103082BS Acquired: 10/11/2017 16:25:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0251751	.1516159	.1897239	F .0176024	.2045633	.0976763
Stddev	.0003085	.0055814	.0015963	.0007595	.0024441	.0010846
%RSD	1.225528	3.681299	.8413554	4.314528	1.194780	1.110443

#1	.0249527	.1506780	.1880432	.0167869	.2038531	.0982554
#2	.0250453	.1465628	.1912196	.0177311	.2072838	.0983484
#3	.0255273	.1576069	.1899089	.0182894	.2025530	.0964250

Elem	Sr4077
Units	ppm
Avg	.2253761
Stddev	.0011807
%RSD	.5238975

#1	.2249567
#2	.2267093
#3	.2244624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	762.8947	1296.433	36471.12	10677.76	2702.303
Stddev	1.5543	12.027	95.03	82.52	11.511
%RSD	.2037347	.9277148	.2605703	.7728171	.4259536

#1	761.3633	1308.687	36386.81	10694.20	2710.989
#2	764.4709	1295.966	36574.10	10588.26	2706.672
#3	762.8498	1284.646	36452.46	10750.82	2689.247

Sample Name: I5590-01 Acquired: 10/11/2017 16:29:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253422	-.089634	2.755292	-.012468	.0205903	107.2317	1.419120
Stddev	.0044035	.004512	.010801	.005389	.0014264	.3492	.002454
%RSD	17.37620	5.033430	.3920178	43.22359	6.927267	.3256051	.1729020

#1	.0268175	-.086375	2.750765	-.009137	.0220395	107.3397	1.420758
#2	.0203905	-.094783	2.747491	-.018685	.0205434	107.5141	1.420303
#3	.0288187	-.087743	2.767620	-.009581	.0191880	106.8414	1.416299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101695	.0294857	35.03499	.4265382	.1137760	.8798267	454.7408
Stddev	.0001291	.0003239	.08735	.0023054	.0009031	.0018474	1.1276
%RSD	1.269884	1.098528	.2493160	.5404904	.7937152	.2099773	.2479763

#1	.0101689	.0292867	35.02436	.4242547	.1147573	.8785488	455.2549
#2	.0102989	.0293110	35.12716	.4288648	.1129798	.8819449	455.5199
#3	.0100407	.0298595	34.95344	.4264952	.1135908	.8789865	453.4478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.530152	50.37441	.4323617	.0242521	2.101581	.4172004	3.134897
Stddev	.020145	.07256	.0021856	.0003641	.053999	.0040851	.024140
%RSD	.5706637	.1440440	.5055133	1.501211	2.569439	.9791592	.7700480

#1	3.534059	50.43533	.4326976	.0239837	2.162898	.4153894	3.162060
#2	3.548058	50.39377	.4300275	.0246665	2.080721	.4218779	3.115896
#3	3.508340	50.29414	.4343599	.0241060	2.061124	.4143339	3.126734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.01345	-341.349	-1.39113	.0218196	3.236356	4.135376	.1470951
Stddev	.03630	2.328	.00817	.0006023	.010756	.030451	.0032601
%RSD	.2133412	.6820473	.5875247	2.760294	.3323523	.7363532	2.216319

#1	16.99479	-343.311	-1.38754	.0218121	3.248776	4.128812	.1447906
#2	17.05528	-338.777	-1.40048	.0212211	3.230014	4.168573	.1456696
#3	16.99028	-341.960	-1.38536	.0224256	3.230280	4.108742	.1508252

Sample Name: I5590-01 Acquired: 10/11/2017 16:29:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.677223	.1070693	.2327146
Stddev	.016196	.0002806	.0004423
%RSD	.3462687	.2620871	.1900727

#1	4.685010	.1072011	.2331646
#2	4.688054	.1072599	.2326990
#3	4.658604	.1067471	.2322803

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	759.2538	1305.590	36817.04	11115.68	2309.383
Stddev	4.3223	3.733	99.91	39.32	1.095
%RSD	.5692815	.2859226	.2713761	.3537493	.0474269

#1	754.6354	1309.753	36719.98	11107.35	2308.634
#2	763.2015	1304.473	36919.58	11081.19	2310.641
#3	759.9246	1302.542	36811.55	11158.50	2308.876

Sample Name: I5590-02 Acquired: 10/11/2017 16:33:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239252	-.089106	2.778884	-.015290	.0203418	107.2133	1.406854
Stddev	.0059292	.004353	.016154	.005719	.0045306	.5505	.003781
%RSD	24.78242	4.885577	.5813143	37.40671	22.27221	.5134439	.2687249

#1	.0185739	-.085124	2.776230	-.017216	.0165392	107.8475	1.410942
#2	.0229023	-.088441	2.764222	-.019797	.0253546	106.9339	1.403484
#3	.0302993	-.093754	2.796201	-.008856	.0191317	106.8586	1.406137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104303	.0283111	35.13528	.4243420	.1154202	.8745732	457.1045
Stddev	.0000852	.0001294	.08656	.0030818	.0008224	.0038936	.9358
%RSD	.8170281	.4571807	.2463759	.7262488	.7124824	.4452034	.2047324

#1	.0105254	.0283526	35.03636	.4256404	.1145270	.8789634	458.1828
#2	.0103609	.0284147	35.19718	.4265621	.1155877	.8715386	456.6256
#3	.0104045	.0281660	35.17230	.4208235	.1161459	.8732175	456.5050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.578930	50.40876	.4342653	.0244147	2.223588	.4195639	3.106107
Stddev	.010480	.12710	.0020839	.0005351	.053211	.0016157	.002043
%RSD	.2928344	.2521340	.4798741	2.191762	2.393010	.3850841	.0657773

#1	3.591031	50.55132	.4320947	.0250248	2.255642	.4178516	3.107301
#2	3.572948	50.36764	.4344513	.0241943	2.162165	.4197785	3.103748
#3	3.572809	50.30731	.4362501	.0240250	2.252956	.4210615	3.107272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.82960	-345.050	-1.38750	.0214042	3.269411	4.188837	.1445334
Stddev	.13241	.387	.00615	.0003050	.021913	.014049	.0012118
%RSD	.7867629	.1122823	.4432525	1.425021	.6702298	.3353975	.8383912

#1	16.95209	-345.179	-1.38814	.0212358	3.259915	4.190941	.1459063
#2	16.84759	-344.614	-1.39330	.0212206	3.253849	4.201716	.1436130
#3	16.68911	-345.356	-1.38105	.0217563	3.294470	4.173855	.1440809

Sample Name: I5590-02 Acquired: 10/11/2017 16:33:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.702563	.1053815	.2317442
Stddev	.021624	.0008392	.0007303
%RSD	.4598398	.7963798	.3151181

#1	4.726998	.1063420	.2325553
#2	4.685895	.1047901	.2311390
#3	4.694796	.1050124	.2315382

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	778.2324	1343.152	37524.07	11117.35	2334.756
Stddev	5.7591	7.023	195.93	43.43	8.877
%RSD	.7400168	.5228816	.5221387	.3906398	.3801898

#1	771.8355	1335.887	37343.70	11067.71	2327.817
#2	783.0046	1349.905	37495.97	11136.02	2344.759
#3	779.8571	1343.665	37732.53	11148.32	2331.693

Sample Name: I5590-03 Acquired: 10/11/2017 16:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963584	.0737218	2.479907	.0718468	.0664999	109.1008	5.268471
Stddev	.0030694	.0006464	.005235	.0029454	.0048543	.1529	.013918
%RSD	3.185447	.8768509	.2111137	4.099552	7.299773	.1401885	.2641842

#1	.0940112	.0744201	2.485949	.0695737	.0654956	109.2647	5.284199
#2	.0952321	.0736009	2.476720	.0707924	.0622262	108.9619	5.263471
#3	.0998319	.0731443	2.477050	.0751743	.0717778	109.0758	5.257744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0997505	.1176259	36.53632	.8006331	1.131026	1.160169	264.1464
Stddev	.0003913	.0005970	.09264	.0026592	.003561	.004329	.3789
%RSD	.3922960	.5075692	.2535501	.3321418	.3148398	.3731500	.1434503

#1	.1001223	.1181602	36.44424	.8028344	1.134302	1.161757	263.7442
#2	.0993422	.1169815	36.62950	.8013863	1.127236	1.155270	264.1981
#3	.0997871	.1177362	36.53522	.7976785	1.131540	1.163480	264.4967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.115180	56.62773	1.471792	.0090648	1.431375	1.441866	3.813255
Stddev	.007989	.14631	.001035	.0002108	.059102	.006482	.028659
%RSD	.1941365	.2583676	.0703053	2.325024	4.129024	.4495348	.7515553

#1	4.106041	56.69892	1.471901	.0090453	1.461811	1.435815	3.780999
#2	4.118658	56.45945	1.472768	.0092847	1.469055	1.441079	3.835785
#3	4.120840	56.72482	1.470707	.0088645	1.363258	1.448706	3.822980

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99146	-278.323	-.797178	.0101580	2.981105	5.161538	.1578742
Stddev	.07247	.899	.006273	.0010054	.004469	.037727	.0017554
%RSD	.4531619	.3228299	.7869207	9.897560	.1499142	.7309210	1.111917

#1	16.06134	-278.972	-.804336	.0111964	2.976190	5.204746	.1571761
#2	15.91665	-277.297	-.792637	.0091892	2.982201	5.135123	.1598713
#3	15.99639	-278.699	-.794561	.0100884	2.984925	5.144746	.1565752

Sample Name: I5590-03 Acquired: 10/11/2017 16:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.656196	.0963321	.2060847
Stddev	.003737	.0006271	.0008033
%RSD	.0802534	.6510166	.3897660

#1	4.652086	.0969428	.2069341
#2	4.659387	.0956897	.2053374
#3	4.657116	.0963639	.2059827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	783.6522	1355.014	37527.73	11151.97	2385.644
Stddev	3.2918	2.441	29.40	57.49	2.854
%RSD	.4200600	.1801338	.0783339	.5155133	.1196256

#1	784.4851	1357.692	37545.17	11086.80	2382.351
#2	780.0239	1352.914	37493.79	11173.58	2387.393
#3	786.4475	1354.437	37544.22	11195.52	2387.188

Sample Name: I5590-01LX5 Acquired: 10/11/2017 16:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AF8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067183	-.014618	.6016768	-.005022	.0039683	21.96959	.2899461
Stddev	.0059781	.001813	.0003814	.002536	.0001647	.19856	.0026419
%RSD	88.98243	12.40120	.0633947	50.49901	4.150498	.9037773	.9111666

#1	.0010582	-.015126	.6012946	-.007744	.0040665	21.81408	.2884376
#2	.0129703	-.012605	.6020574	-.002726	.0040602	21.90143	.2884040
#3	.0061262	-.016121	.6016784	-.004596	.0037781	22.19324	.2929966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023847	.0050151	7.577218	.0969824	.0229908	.1828903	99.17116
Stddev	.0001523	.0001462	.133204	.0007754	.0004875	.0020261	1.02180
%RSD	6.387725	2.914391	1.757954	.7994924	2.120579	1.107837	1.030335

#1	.0023897	.0051832	7.492514	.0978727	.0227296	.1827465	98.42108
#2	.0022299	.0049184	7.508384	.0966193	.0226895	.1809399	98.75746
#3	.0025344	.0049435	7.730755	.0964552	.0235533	.1849845	100.3349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7682758	10.74725	.0884310	.0054100	.4267913	.0899470	.6613890
Stddev	.0074125	.15497	.0004633	.0000751	.0438907	.0007267	.0116585
%RSD	.9648248	1.441935	.5239533	1.387973	10.28389	.8079740	1.762725

#1	.7638744	10.62231	.0881918	.0054503	.3805079	.0891197	.6563292
#2	.7641192	10.69877	.0881361	.0054564	.4678154	.0902390	.6531153
#3	.7768339	10.92066	.0889651	.0053234	.4320505	.0904824	.6747226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.320198	-67.2480	-.300561	.0043052	.6581674	.9311706	.0320107
Stddev	.027221	.3494	.000230	.0004930	.0018123	.0043572	.0009961
%RSD	.8198471	.5195832	.0766851	11.45231	.2753579	.4679311	3.111879

#1	3.300535	-67.1312	-.300614	.0043340	.6570636	.9321248	.0323367
#2	3.308793	-67.6409	-.300308	.0037984	.6571795	.9264154	.0308924
#3	3.351266	-66.9720	-.300760	.0047832	.6602590	.9349717	.0328030

Sample Name: I5590-01LX5 Acquired: 10/11/2017 16:41:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AF8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9913068	.0212134	.0488490
Stddev	.0069403	.0002662	.0005397
%RSD	.7001180	1.254972	1.104845

#1	.9851484	.0210328	.0483374
#2	.9899449	.0210883	.0487965
#3	.9988271	.0215191	.0494130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.3255	1348.704	37178.90	10972.09	2668.344
Stddev	5.2498	5.465	77.32	63.95	5.890
%RSD	.6625830	.4052104	.2079703	.5828228	.2207399

#1	791.9164	1355.002	37263.65	11027.58	2675.122
#2	797.7679	1345.895	37160.83	10986.54	2665.437
#3	787.2922	1345.214	37112.21	10902.15	2664.472

Sample Name: PB103124BL Acquired: 10/11/2017 16:45:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022017	-.000126	-.001174	-.002247	.0001658	-.001170
Stddev	.0027784	.001067	.002170	.000383	.0004989	.003477
%RSD	126.1913	849.6885	184.8322	17.03970	300.9647	297.1282

#1	.0025799	-.001184	-.003527	-.002583	.0000379	-.001037
#2	-.000746	.000950	.000748	-.002326	.0007162	.002238
#3	.004772	-.000142	-.000743	-.001830	-.000257	-.004712

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001998	-.000025	-.000051	-.008651	-.000772	-.000083
Stddev	.000296	.000050	.000095	.012053	.000538	.000217
%RSD	14.83922	195.1594	184.8238	139.3181	69.65342	261.4258

#1	-.002154	-.000049	-.000067	-.014081	-.001385	-.000176
#2	-.001656	.000032	-.000138	.005161	-.000552	-.000238
#3	-.002184	-.000059	.000050	-.017035	-.000379	.000165

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013313	.0018522	-.000045	.0158353	.0000957	.0004479
Stddev	.0001823	.0007402	.000360	.0117265	.0004149	.0001719
%RSD	13.69186	39.96228	795.0625	74.05280	433.6598	38.36615

#1	.0014350	.0026946	-.000247	.0079020	-.000286	.0004991
#2	.0014381	.0015565	-.000260	.0293050	.000036	.0002563
#3	.0011208	.0013056	.000371	.0102989	.000537	.0005883

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442228	.0011565	-.001114	-.103318	F -.168265	-.008263
Stddev	.0354590	.0014833	.003558	.013050	.164214	.000670
%RSD	80.18251	128.2556	319.4698	12.63083	97.59236	8.110277

#1	.0404200	.0009463	.000326	-.118085	-.123156	-.007668
#2	.0108186	-.000210	.001498	-.093335	-.350320	-.008131
#3	.0814300	.002734	-.005166	-.098534	-.031320	-.008989

Sample Name: PB103124BL Acquired: 10/11/2017 16:45:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	-.007199	-.001481	.0016010	.0001335	-.000346
Stddev	.000191	.001153	.000267	.0014479	.0004427	.000323
%RSD	161.1094	16.01857	18.03251	90.43291	331.5900	93.61120

#1	-.000300	-.008524	-.001209	.0029662	-.000179	-.000004
#2	-.000135	-.006426	-.001492	.0017542	-.000060	-.000648
#3	.000080	-.006646	-.001743	.0000827	.000640	-.000385

Elem	Sr4077
Units	ppm
Avg	-.000060
Stddev	.000029
%RSD	49.12865

#1	-.000046
#2	-.000040
#3	-.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	799.6383	1361.107	37526.04	10796.01	2880.081
Stddev	6.9311	3.558	127.73	50.93	4.265
%RSD	.8667754	.2614318	.3403877	.4717481	.1480853

#1	794.9418	1359.145	37398.63	10739.92	2884.988
#2	796.3743	1358.960	37525.40	10839.38	2877.265
#3	807.5988	1365.214	37654.09	10808.73	2877.990

Sample Name: I5597-01 Acquired: 10/11/2017 16:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016342	-.000972	.0076812	-.000628	-.001199	2.289376	.0149113
Stddev	.0057560	.001333	.0021801	.004559	.001177	.013476	.0005769
%RSD	352.2216	137.2158	28.38274	726.1024	98.14312	.5886484	3.868999

#1	.0079582	-.000974	.0090841	.003926	-.001670	2.283984	.0154851
#2	-.003299	.000363	.0087899	-.005193	.000140	2.304714	.0143313
#3	.000243	-.002303	.0051695	-.000616	-.002067	2.279431	.0149175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000702	.0028055	59.49408	.0010895	.0978816	1.614212	.2869738
Stddev	.0000262	.0001074	.01795	.0007818	.0005204	.005216	.0142923
%RSD	37.38975	3.827582	.0301704	71.75548	.5316750	.3231410	4.980364

#1	.0000862	.0026816	59.47450	.0017197	.0976632	1.610373	.3026525
#2	.0000399	.0028695	59.50976	.0013342	.0975060	1.620151	.2746729
#3	.0000845	.0028655	59.49797	.0002147	.0984756	1.612112	.2835960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.388199	12.76793	.0492235	.0003963	4.995164	.0011127	1.800798
Stddev	.011894	.07062	.0006991	.0001628	.020058	.0031320	.014762
%RSD	.8567929	.5531315	1.420263	41.08279	.4015541	281.4836	.8197295

#1	1.385119	12.77988	.0496186	.0002280	5.017838	.0002855	1.813139
#2	1.401330	12.83181	.0496357	.0005529	4.987919	-.001523	1.804811
#3	1.378148	12.69209	.0484163	.0004079	4.979734	.004575	1.784445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.744804	.7131304	-.003875	.0003864	67.32489	13.80976	.0009264
Stddev	.015798	.2052466	.001040	.0003558	.22184	.03801	.0011263
%RSD	.2750045	28.78107	26.84190	92.08123	.3295049	.2752459	121.5711

#1	5.756821	.5900081	-.003251	.0007157	67.49962	13.81307	.0014637
#2	5.750681	.5993154	-.005076	.0004344	67.07531	13.84602	-.000368
#3	5.726909	.9500679	-.003299	.0000090	67.39974	13.77021	.001683

Sample Name: I5597-01 Acquired: 10/11/2017 16:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000229	.0146775	.1415936
Stddev	.000522	.0002753	.0002998
%RSD	228.3792	1.875821	.2117490

#1	-.000830	.0147721	.1413231
#2	.000038	.0148931	.1419160
#3	.000106	.0143673	.1415419

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	779.2587	1319.094	36207.00	10717.60	2660.775
Stddev	2.7257	5.212	74.45	57.05	3.189
%RSD	.3497808	.3950976	.2056262	.5322932	.1198497

#1	777.5426	1315.743	36125.77	10736.42	2658.263
#2	777.8319	1316.439	36223.24	10653.52	2659.701
#3	782.4017	1325.098	36272.00	10762.86	2664.363

Sample Name: I5597-02 Acquired: 10/11/2017 16:58:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008949	.0018051	.0085835	-.000455	-.001237	2.283002	.0150023
Stddev	.0016604	.0021895	.0012204	.002226	.000626	.015454	.0000549
%RSD	185.5467	121.2913	14.21776	489.4771	50.62658	.6769245	.3659367

#1	-.000879	.0016388	.0078936	-.000212	-.001558	2.276334	.0149393
#2	.001151	-.000296	.0099925	.001640	-.001636	2.300671	.0150271
#3	.002412	.004073	.0078642	-.002792	-.000515	2.272001	.0150404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000035	.0028207	59.43049	.0004594	.0981960	1.623468	.2878924
Stddev	.0000303	.0001103	.36997	.0003501	.0006005	.004366	.0031367
%RSD	859.3588	3.909395	.6225182	76.21272	.6115033	.2689123	1.089544

#1	-.000031	.0027276	59.45617	.0001010	.0977372	1.619409	.2888584
#2	.000021	.0027919	59.78694	.0004765	.0979752	1.628086	.2843862
#3	.000021	.0029425	59.04835	.0008007	.0988756	1.622908	.2904324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.386326	12.83480	.0489246	.0005131	4.964724	.0011029	1.825479
Stddev	.005457	.02984	.0007930	.0001403	.055369	.0015575	.020251
%RSD	.3936040	.2324852	1.620946	27.34900	1.115243	141.2245	1.109372

#1	1.386619	12.86593	.0483604	.0005399	4.938817	.0027603	1.828679
#2	1.391631	12.83201	.0498313	.0003613	5.028297	.0008787	1.843939
#3	1.380729	12.80645	.0485821	.0006380	4.927058	-.000330	1.803818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.801400	.6886162	-.003766	.0003714	67.34176	13.78395	.0002018
Stddev	.019463	.2608170	.001099	.0004023	.43828	.00902	.0016404
%RSD	.3354841	37.87553	29.17283	108.3028	.6508253	.0654248	813.0018

#1	5.779054	.6305112	-.002578	.0003605	66.98310	13.77995	.0009969
#2	5.810507	.9735854	-.003975	.0007790	67.21188	13.77761	.0012930
#3	5.814640	.4617518	-.004746	-.000025	67.83029	13.79427	-.001685

Sample Name: I5597-02 Acquired: 10/11/2017 16:58:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000239	.0144990	.1423937
Stddev	.000256	.0004245	.0001964
%RSD	107.2159	2.928050	.1379322

#1	.000000	.0140754	.1422240
#2	-.000509	.0144972	.1426088
#3	-.000207	.0149244	.1423483

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	765.4052	1269.336	35758.37	10655.32	2592.267
Stddev	1.6225	24.358	26.10	32.02	34.998
%RSD	.2119786	1.918927	.0729921	.3004822	1.350095

#1	766.3085	1290.770	35761.08	10680.08	2624.074
#2	763.5321	1274.389	35731.02	10619.17	2597.953
#3	766.3750	1242.848	35783.01	10666.72	2554.774

Sample Name: I5597-03 Acquired: 10/11/2017 17:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006757	-.004050	.0106275	-.001957	-.000244	2.865470	.0184111
Stddev	.0027518	.001062	.0009711	.002043	.000509	.005786	.0002138
%RSD	407.2642	26.22276	9.137530	104.4398	209.0225	.2019062	1.161048

#1	-.002213	-.003645	.0109144	-.002789	-.000809	2.868121	.0183709
#2	.003266	-.005254	.0095453	.000372	.000179	2.858833	.0182202
#3	.000974	-.003249	.0114229	-.003453	-.000100	2.869454	.0186420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000814	.0027199	57.58325	.0110566	.0953963	1.606598	1.436196
Stddev	.0000180	.0000553	.17632	.0010055	.0001993	.007036	.010533
%RSD	22.11616	2.034976	.3062064	9.094262	.2089728	.4379246	.7333866

#1	.0000622	.0026643	57.77931	.0099928	.0952025	1.614498	1.447551
#2	.0000842	.0027750	57.43769	.0119914	.0953857	1.604288	1.426746
#3	.0000978	.0027204	57.53274	.0111856	.0956008	1.601007	1.434290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.360590	12.93825	.0694547	.0004940	4.876917	.0018261	2.860748
Stddev	.009897	.10023	.0008950	.0004130	.098448	.0018529	.020724
%RSD	.7273718	.7747071	1.288570	83.60874	2.018647	101.4688	.7244351

#1	1.371894	13.05103	.0698534	.0000839	4.971478	.0028772	2.878554
#2	1.353485	12.90436	.0684296	.0004882	4.774996	-.000313	2.837999
#3	1.356392	12.85935	.0700809	.0009098	4.884277	.002914	2.865691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.932162	.1271111	-.008059	.0024732	66.66550	13.49396	.0013362
Stddev	.019008	.2956319	.000539	.0002268	.08245	.11604	.0018610
%RSD	.3204276	232.5775	6.687812	9.170589	.1236819	.8599144	139.2722

#1	5.953438	-.204734	-.007438	.0022496	66.74987	13.53199	.0032393
#2	5.926196	.223697	-.008405	.0027031	66.58511	13.58622	-.000480
#3	5.916853	.362370	-.008335	.0024669	66.66153	13.36369	.001249

Sample Name: I5597-03 Acquired: 10/11/2017 17:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0187333	.0151377	.1476426
Stddev	.0012595	.0002452	.0002177
%RSD	6.723341	1.619898	.1474735

#1	.0180581	.0150062	.1477977
#2	.0201865	.0149864	.1477363
#3	.0179554	.0154207	.1473936

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	728.9719	1226.550	34880.26	10594.96	2541.746
Stddev	.7246	18.485	83.73	32.14	25.541
%RSD	.0994007	1.507080	.2400639	.3033756	1.004862

#1	729.8071	1229.517	34930.44	10580.29	2548.285
#2	728.5118	1243.372	34926.75	10572.77	2563.381
#3	728.5966	1206.760	34783.59	10631.82	2513.571

Sample Name: I5597-04 Acquired: 10/11/2017 17:06:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036215	.0010233	.0090122	.0021116	.0014133	1.624729	.0139146
Stddev	.0005432	.0016532	.0008008	.0017052	.0004244	.007958	.0003157
%RSD	14.99833	161.5548	8.885253	80.75377	30.02672	.4898273	2.268787

#1	.0030181	.0029288	.0081123	.0036131	.0017219	1.623699	.0142304
#2	.0040715	-.000029	.0092782	.0024640	.0009294	1.617336	.0139143
#3	.0037748	.000171	.0096461	.0002578	.0015887	1.633152	.0135990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000414	.0027138	55.12403	-.001749	.0943775	1.508541	.2042979
Stddev	.0001064	.0001153	.20171	.000768	.0008289	.004535	.0086746
%RSD	257.1515	4.249176	.3659175	43.92768	.8782991	.3006023	4.246045

#1	-.000030	.0025925	55.07355	-.001280	.0936118	1.511756	.1977525
#2	.000164	.0027269	54.95236	-.001331	.0942628	1.503354	.2141370
#3	-.000010	.0028220	55.34618	-.002636	.0952577	1.510514	.2010043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.321895	12.39016	.0442339	.0002872	4.750389	-.000208	3.526928
Stddev	.001911	.00659	.0010441	.0002286	.088002	.001974	.025617
%RSD	.1445360	.0531644	2.360472	79.61511	1.852515	948.3599	.7263348

#1	1.319689	12.39010	.0446623	.0004980	4.803295	.001630	3.530570
#2	1.323023	12.39678	.0430437	.0003194	4.648803	-.002295	3.499684
#3	1.322973	12.38361	.0449957	.0000441	4.799069	.000040	3.550529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.615398	.6050361	-.004182	-.000411	63.87961	13.04692	.0022544
Stddev	.020460	.1463599	.000830	.000234	.20875	.03110	.0020146
%RSD	.3643564	24.19028	19.84904	57.06981	.3267852	.2383602	89.36030

#1	5.634520	.6553340	-.004844	-.000680	63.69127	13.03378	.0008264
#2	5.593821	.7196148	-.004452	-.000296	63.84350	13.08243	.0013781
#3	5.617853	.4401595	-.003251	-.000256	64.10406	13.02454	.0045587

Sample Name: I5597-04 Acquired: 10/11/2017 17:06:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000291	.0144655	.1364019
Stddev	.000225	.0002370	.0001059
%RSD	77.21176	1.638076	.0776403

#1	-.000081	.0142207	.1363797
#2	-.000529	.0144821	.1363088
#3	-.000264	.0146938	.1365171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.4759	1255.468	35450.97	10458.62	2588.951
Stddev	3.8299	13.160	111.98	14.92	16.801
%RSD	.5062813	1.048201	.3158795	.1426766	.6489520

#1	752.6348	1240.589	35347.64	10447.76	2569.551
#2	760.2945	1260.235	35569.96	10452.47	2598.732
#3	756.4985	1265.581	35435.32	10475.64	2598.570

Sample Name: PB103124BS Acquired: 10/11/2017 17:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0211976	.0544958	.0228593	.0719499	.1214158	.3634414
Stddev	.0017196	.0012109	.0013251	.0071054	.0017170	.0026745
%RSD	8.112103	2.222105	5.796910	9.875488	1.414174	.7358798

#1	.0231832	.0548534	.0219889	.0783311	.1213939	.3664694
#2	.0201952	.0531464	.0243843	.0732255	.1231437	.3614021
#3	.0202146	.0554878	.0222046	.0642931	.1197098	.3624525

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2858022	.0115239	.0113850	9.194160	.0246015	.0974414
Stddev	.0007845	.0001235	.0001998	.021679	.0004839	.0022221
%RSD	.2745087	1.071903	1.754778	.2357929	1.967105	2.280481

#1	.2864954	.0114097	.0113566	9.169425	.0251437	.0973491
#2	.2859606	.0115070	.0115975	9.209863	.0242135	.0997082
#3	.2849505	.0116550	.0112009	9.203191	.0244472	.0952668

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506831	.2261048	.0320051	10.46777	.0824592	.0192340
Stddev	.0007614	.0041785	.0003010	.07994	.0016278	.0002788
%RSD	1.502225	1.848041	.9404410	.7636910	1.974106	1.449403

#1	.0514912	.2271712	.0322467	10.55484	.0822249	.0189689
#2	.0499793	.2296468	.0316679	10.39768	.0841915	.0195247
#3	.0505787	.2214964	.0321006	10.45080	.0809613	.0192083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.498698	.1064676	.1225612	9.510815	F -1.74039	F .0175566
Stddev	.124777	.0024563	.0044721	.082065	.07266	.0009478
%RSD	1.313625	2.307079	3.648852	.8628649	4.175160	5.398333

#1	9.629009	.1068576	.1181278	9.598050	-1.70494	.0184459
#2	9.486775	.1087056	.1270710	9.435146	-1.69225	.0165596
#3	9.380310	.1038396	.1224847	9.499250	-1.82397	.0176643

Sample Name: PB103124BS Acquired: 10/11/2017 17:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0235979	.1761743	.1969842	F .0162860	.1988443	.0959561
Stddev	.0006273	.0030760	.0023134	.0018547	.0016604	.0008635
%RSD	2.658475	1.746026	1.174385	11.38843	.8350176	.8999231

#1	.0238585	.1792729	.1992334	.0168759	.2007448	.0966562
#2	.0240529	.1731213	.1946116	.0177740	.1976748	.0962211
#3	.0228822	.1761289	.1971076	.0142081	.1981134	.0949912

Elem	Sr4077
Units	ppm
Avg	.2203106
Stddev	.0009807
%RSD	.4451417

#1	.2214429
#2	.2197376
#3	.2197511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	778.6375	1343.929	36069.31	10525.05	2731.585
Stddev	4.5633	31.651	135.05	102.34	55.335
%RSD	.5860666	2.355134	.3744089	.9723027	2.025742

#1	774.2635	1329.437	35934.73	10410.03	2717.479
#2	778.2800	1322.118	36068.37	10606.01	2684.669
#3	783.3691	1380.232	36204.82	10559.12	2792.608

Sample Name: CCV046 Acquired: 10/11/2017 17:15:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113683	4.783634	24.07804	5.202521	5.266681	388.7980
Stddev	.060270	.076033	.27581	.054572	.061034	.7277
%RSD	1.178604	1.589436	1.145502	1.048952	1.158873	.1871756

#1	5.158189	4.864587	24.36003	5.244789	5.295118	388.1697
#2	5.045095	4.713730	23.80885	5.140912	5.196617	389.5954
#3	5.137763	4.772585	24.06522	5.221862	5.308307	388.6288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.835189	.5188968	2.555303	388.1748	15.18579	2.489723
Stddev	.093770	.0023348	.034658	.5523	.04510	.027387
%RSD	.9534101	.4499535	1.356316	.1422719	.2969900	1.099986

#1	9.736903	.5166779	2.588954	387.7207	15.22888	2.517249
#2	9.923672	.5213324	2.519718	388.0140	15.18958	2.462478
#3	9.844993	.5186799	2.557235	388.7896	15.13892	2.489443

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44657	407.1171	14.96122	410.8378	2.495841	1.285437
Stddev	.05450	.9343	.08036	1.3717	.022764	.002699
%RSD	.3528167	.2294835	.5370915	.3338858	.9120810	.2099855

#1	15.38469	406.3716	14.89972	409.5590	2.517413	1.288111
#2	15.48742	408.1652	15.05214	412.2866	2.472047	1.282713
#3	15.46761	406.8146	14.93180	410.6676	2.498062	1.285486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.4881	2.509007	15.34470	155.1004	F 6.033205	F 4.114241
Stddev	1.0359	.015102	.13142	.8393	.078997	.015147
%RSD	.2619419	.6019201	.8564266	.5411036	1.309364	.3681484

#1	395.0466	2.507966	15.27512	154.1794	5.977894	4.103549
#2	396.6717	2.524604	15.26270	155.8221	5.998043	4.131573
#3	394.7461	2.494453	15.49628	155.2996	6.123677	4.107600

Sample Name: CCV046 Acquired: 10/11/2017 17:15:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.190519	5.114705	4.925052	5.009115	4.980390	5.099536
Stddev	.067915	.082771	.007912	.064971	.008389	.007789
%RSD	1.308442	1.618296	.1606445	1.297055	.1684368	.1527423

#1	5.238069	5.193524	4.916378	5.064285	4.971680	5.092478
#2	5.112738	5.028480	4.931874	4.937502	4.981075	5.107893
#3	5.220750	5.122112	4.926903	5.025557	4.988415	5.098235

Elem	Sr4077
Units	ppm
Avg	5.013336
Stddev	.026191
%RSD	.5224354

#1	4.992975
#2	5.042883
#3	5.004149

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	607.5507	1033.914	29700.22	9455.421	1779.250
Stddev	3.2281	9.314	49.31	39.616	10.826
%RSD	.5313265	.9008709	.1660096	.4189766	.6084564

#1	609.1958	1030.298	29718.36	9488.391	1770.724
#2	609.6249	1044.494	29644.42	9411.474	1791.430
#3	603.8315	1026.950	29737.89	9466.397	1775.597

Sample Name: CCB046 Acquired: 10/11/2017 17:19:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003423	-.000257	-.000596	-.000330	.0006178	.0022619
Stddev	.001019	.001199	.000748	.002187	.0005100	.0055155
%RSD	29.76561	466.2181	125.5819	663.5948	82.55011	243.8392

#1	-.003000	.000183	.000135	-.000872	.0010319	.0083450
#2	-.004585	-.001614	-.000562	.002078	.0007734	.0008537
#3	-.002684	.000660	-.001359	-.002195	.0000481	-.002413

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001957	-.000058	.0001058	-.010360	-.000536	-.000061
Stddev	.000494	.000024	.0001109	.006231	.000325	.000109
%RSD	25.25353	42.41207	104.8481	60.14316	60.53635	179.1457

#1	-.001466	-.000071	.0001087	-.014742	-.000272	-.000012
#2	-.002455	-.000029	.0002153	-.003227	-.000439	.000015
#3	-.001950	-.000073	-.000007	-.013112	-.000898	-.000187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015787	.0054270	.0004734	.0265873	.0000998	.0002217
Stddev	.0011113	.0049185	.0000328	.0207213	.0002073	.0002766
%RSD	70.39655	90.62904	6.921373	77.93711	207.6178	124.7296

#1	.0025191	.0059677	.0004437	.0301232	.0003391	.0001640
#2	.0003523	.0100528	.0005085	.0043255	-.000020	.0005226
#3	.0018647	.0002606	.0004680	.0453131	-.000020	-.000021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062134	.0012425	-.001854	-.081248	F .2420599	.0055235
Stddev	.037623	.0007990	.001217	.009003	.1203301	.0017929
%RSD	60.55128	64.30839	65.63172	11.08097	49.71089	32.45911

#1	-.097730	.0007576	-.003232	-.075388	.3809692	.0051626
#2	-.022768	.0021647	-.000925	-.076741	.1698685	.0074693
#3	-.065903	.0008051	-.001406	-.091614	.1753420	.0039385

Sample Name: CCB046 Acquired: 10/11/2017 17:19:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001880	-.003776	-.001263	.0027691	-.000006	-.000122
Stddev	.0000993	.002164	.000105	.0011501	.000362	.000391
%RSD	52.80245	57.29479	8.323522	41.53214	6213.962	319.2203

#1	.0000823	-.006252	-.001158	.0014688	-.000386	.000293
#2	.0002023	-.002247	-.001264	.0031859	.000034	-.000178
#3	.0002793	-.002830	-.001368	.0036527	.000334	-.000483

Elem	Sr4077
Units	ppm
Avg	-.000007
Stddev	.000019
%RSD	265.0826

#1	.000014
#2	-.000023
#3	-.000012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.7207	1391.305	37794.23	10899.13	2935.374
Stddev	2.0054	6.641	77.69	164.91	9.210
%RSD	.2485856	.4773318	.2055602	1.513092	.3137726

#1	806.4112	1384.386	37786.54	11089.55	2925.118
#2	804.8880	1391.900	37875.49	10803.38	2942.938
#3	808.8628	1397.628	37720.68	10804.45	2938.067

Sample Name: I5597-07 Acquired: 10/11/2017 17:23:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046065	-.003487	.0035408	-.001966	-.001326	.0058161	.0092813
Stddev	.0015593	.000371	.0025094	.002719	.000872	.0040892	.0002309
%RSD	33.84991	10.64808	70.87176	138.2993	65.76978	70.30840	2.488093

#1	.0054875	-.003092	.0011631	-.001041	-.000443	.0102893	.0090159
#2	.0028061	-.003540	.0032953	.000170	-.001349	.0022702	.0094364
#3	.0055260	-.003829	.0061639	-.005027	-.002187	.0048888	.0093916

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000205	.0011782	84.09841	.0010127	.1205929	.0384147	.9465050
Stddev	.000075	.0000806	1.45539	.0007341	.0005502	.0008500	.0117563
%RSD	36.67107	6.837687	1.730585	72.48582	.4562793	2.212692	1.242072

#1	-.000156	.0010884	84.56010	.0018231	.1210736	.0393050	.9495428
#2	-.000166	.0012441	85.26696	.0008225	.1207123	.0376117	.9564443
#3	-.000291	.0012021	82.46817	.0003924	.1199928	.0383275	.9335280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.191400	21.72738	.0955371	.0008527	5.714196	-.001696	.3972857
Stddev	.100806	.19015	.0005217	.0000928	.115929	.000940	.0061609
%RSD	1.628162	.8751723	.5461009	10.88273	2.028788	55.43473	1.550756

#1	6.254940	21.85456	.0954453	.0007511	5.703077	-.002176	.3920149
#2	6.244091	21.81879	.0960987	.0008740	5.835284	-.002300	.4040589
#3	6.075167	21.50878	.0950674	.0009330	5.604227	-.000613	.3957834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.001491	.0844455	-.001094	.0004378	90.67221	8.795420	-.002477
Stddev	.114337	.1539234	.000372	.0002321	.76465	.090151	.001672
%RSD	1.905149	182.2755	33.98540	53.02273	.8433171	1.024979	67.50824

#1	6.063366	.2619158	-.000666	.0005040	91.46076	8.830969	-.002855
#2	6.071557	.0041162	-.001341	.0006296	90.62196	8.862378	-.003928
#3	5.869551	-.012695	-.001275	.0001798	89.93393	8.692914	-.000648

Sample Name: I5597-07 Acquired: 10/11/2017 17:23:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XS4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000429	.0186989	.1918081
Stddev	.000227	.0001376	.0021622
%RSD	52.98456	.7356327	1.127265

#1	-.000301	.0188245	.1930247
#2	-.000295	.0187203	.1930879
#3	-.000691	.0185519	.1893116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	765.3355	1274.881	35528.12	10647.19	2583.806
Stddev	4.1764	16.519	24.42	109.14	21.102
%RSD	.5456945	1.295703	.0687399	1.025047	.8167184

#1	767.1497	1290.866	35554.63	10576.67	2606.713
#2	768.2979	1275.900	35506.55	10592.01	2579.548
#3	760.5588	1257.876	35523.17	10772.90	2565.158

Sample Name: I5597-08 Acquired: 10/11/2017 17:27:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011939	-.001853	.0028222	.0005331	-.000440	.0032181	.0088301
Stddev	.0037696	.003307	.0011753	.0022250	.000663	.0066634	.0001683
%RSD	315.7346	178.4886	41.64576	417.3530	150.7535	207.0617	1.906085

#1	-.002258	-.002017	.0041398	.0019996	-.001175	.0051350	.0086929
#2	.005216	.001533	.0018816	.0016268	-.000257	-.004194	.0090179
#3	.000624	-.005075	.0024453	-.002027	.000113	.008713	.0087795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000240	.0012957	82.28010	.0011742	.1198284	.0393174	.9311572
Stddev	.000040	.0000375	1.00732	.0009032	.0006624	.0012818	.0153484
%RSD	16.62306	2.891459	1.224257	76.91977	.5527609	3.260206	1.648319

#1	-.000219	.0012842	82.89604	.0018561	.1190694	.0404647	.9458517
#2	-.000286	.0012653	81.11764	.0015166	.1201258	.0379338	.9152293
#3	-.000215	.0013375	82.82662	.0001499	.1202900	.0395535	.9323906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.104389	21.76707	.0959508	.0009174	5.685700	-.000509	.4098599
Stddev	.065035	.19368	.0005953	.0003329	.019977	.000516	.0118919
%RSD	1.065387	.8897770	.6204688	36.28131	.3513519	101.3498	2.901450

#1	6.165139	21.85121	.0953605	.0012033	5.685652	-.000405	.4000719
#2	6.035782	21.54555	.0965511	.0009970	5.705701	-.001070	.4064134
#3	6.112246	21.90444	.0959407	.0005520	5.665747	-.000053	.4230944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.038628	-.025979	-.002136	.0000730	90.11399	8.602940	.0023220
Stddev	.112567	.515855	.000622	.0005020	1.09429	.089727	.0018393
%RSD	1.864117	1985.670	29.10742	687.5605	1.214339	1.042982	79.20938

#1	5.983906	.543800	-.001703	.0000428	89.12408	8.700813	.0044032
#2	5.963883	-.461270	-.002849	.0005894	89.92885	8.524566	.0009149
#3	6.168094	-.160466	-.001857	-.000413	91.28904	8.583442	.0016479

Sample Name: I5597-08 Acquired: 10/11/2017 17:27:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XS4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000754	.0190337	.1915559
Stddev	.000071	.0002758	.0023094
%RSD	9.364109	1.449190	1.205605

#1	-.000763	.0189280	.1919574
#2	-.000679	.0188263	.1890721
#3	-.000820	.0193467	.1936382

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	741.2078	1246.692	34901.06	10635.67	2558.017
Stddev	9.3679	6.626	192.82	90.00	14.625
%RSD	1.263875	.5314570	.5524857	.8462235	.5717190

#1	751.8039	1245.191	35045.26	10584.54	2555.750
#2	737.7939	1253.939	34975.89	10739.59	2573.642
#3	734.0256	1240.945	34682.04	10582.89	2544.657

Sample Name: I5597-09 Acquired: 10/11/2017 17:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445315	.0693216	.0243561	.0606038	.1141203	1.948391	2.259976
Stddev	.0026366	.0016240	.0020976	.0047031	.0006298	.004227	.003575
%RSD	5.920803	2.342743	8.612025	7.760478	.5518406	.2169249	.1581844

#1	.0474113	.0704987	.0267689	.0556712	.1147598	1.952232	2.262438
#2	.0422361	.0674688	.0233336	.0650378	.1141004	1.949077	2.261614
#3	.0439470	.0699973	.0229659	.0611024	.1135007	1.943863	2.255876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552525	.0548935	83.43011	.2354219	.6633608	.3124195	2.131597
Stddev	.0001767	.0000276	.42183	.0016606	.0009973	.0017220	.013601
%RSD	.3198776	.0503302	.5056105	.7053617	.1503351	.5511991	.6380665

#1	.0552180	.0548958	83.64797	.2336738	.6622609	.3104377	2.134927
#2	.0554440	.0548648	82.94389	.2369782	.6642061	.3135514	2.116641
#3	.0550956	.0549199	83.69846	.2356139	.6636155	.3132694	2.143224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.696115	22.14431	.6657940	.0006392	5.834595	.5880678	.9835812
Stddev	.030515	.09103	.0016904	.0002806	.085957	.0010791	.0107637
%RSD	.4557057	.4110775	.2538892	43.89972	1.473233	.1834957	1.094334

#1	6.706330	22.06263	.6642440	.0007597	5.838831	.5879652	.9949688
#2	6.661803	22.12784	.6675964	.0008394	5.746599	.5870437	.9735748
#3	6.720211	22.24244	.6655415	.0003185	5.918356	.5891945	.9822000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.343480	.2893545	-.005197	-.000238	91.93109	8.655874	-.001534
Stddev	.026164	.3133961	.000496	.000089	.25555	.011822	.002745
%RSD	.4124601	108.3087	9.547837	37.33666	.2779790	.1365720	178.9835

#1	6.343644	.6179480	-.004684	-.000193	92.18963	8.644137	-.000775
#2	6.369562	.2563471	-.005675	-.000340	91.67864	8.667778	-.004578
#3	6.317234	-.006232	-.005231	-.000180	91.92501	8.655707	.000752

Sample Name: I5597-09 Acquired: 10/11/2017 17:32:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XS4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001267	.0194826	.1979897
Stddev	.000273	.0004240	.0003193
%RSD	21.52148	2.176358	.1612627

#1	-.000957	.0190728	.1983499
#2	-.001371	.0199195	.1978774
#3	-.001472	.0194556	.1977417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	717.0722	1212.654	34242.34	10472.24	2501.137
Stddev	4.2193	3.908	124.14	26.51	6.825
%RSD	.5884075	.3222592	.3625265	.2531886	.2728568

#1	716.7539	1216.317	34186.59	10469.83	2504.505
#2	721.4416	1213.104	34384.58	10499.88	2505.623
#3	713.0210	1208.540	34155.86	10447.01	2493.283

Sample Name: I5597-07LX5 Acquired: 10/11/2017 17:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031211	.0000052	-.000270	-.000769	-.000002	-.003315	-.000398
Stddev	.0010947	.0028622	.001622	.002501	.001223	.001249	.000329
%RSD	35.07534	55074.58	600.2059	325.0309	80285.99	37.68427	82.70976

#1	.0042650	-.002240	.001594	-.000016	-.000346	-.004749	-.000640
#2	.0030150	-.000972	-.001040	-.003561	-.001016	-.002470	-.000023
#3	.0020832	.003228	-.001364	.001268	.001357	-.002725	-.000530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000085	.0003189	15.65347	-.000153	.0227706	.0087083	.1799316
Stddev	.000075	.0001529	.08905	.000470	.0001442	.0005100	.0014955
%RSD	87.91026	47.93828	.5688946	306.5837	.6331700	5.856565	.8311426

#1	-.000172	.0001716	15.69103	-.000108	.0226097	.0081476	.1808513
#2	-.000049	.0004768	15.71760	.000293	.0228882	.0091446	.1807374
#3	-.000035	.0003083	15.55180	-.000645	.0228138	.0088328	.1782060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.201161	4.222873	.0190176	.0002965	1.092626	.0001024	.0752755
Stddev	.006818	.016753	.0003697	.0004577	.046227	.0021500	.0009953
%RSD	.5676377	.3967305	1.943913	154.3837	4.230810	2099.764	1.322210

#1	1.193289	4.204026	.0193976	.0004234	1.098094	-.001531	.0758725
#2	1.205219	4.228521	.0186591	-.000211	1.043909	.002538	.0741265
#3	1.204975	4.236074	.0189962	.000677	1.135876	-.000700	.0758274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.077842	.0870968	-.005530	-.000146	16.62118	1.718932	.0009868
Stddev	.017898	.2041320	.000711	.000369	.02091	.002475	.0013256
%RSD	1.660552	234.3738	12.84803	252.4911	.1258305	.1440114	134.3337

#1	1.096546	-.133009	-.006010	.000275	16.64101	1.717394	-.000528
#2	1.076106	.124108	-.005866	-.000417	16.59933	1.717613	.001553
#3	1.060876	.270191	-.004714	-.000297	16.62318	1.721787	.001935

Sample Name: I5597-07LX5 Acquired: 10/11/2017 17:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000308	.0036168	.0380508
Stddev	.0007778	.0003145	.0003230
%RSD	2528.706	8.695631	.8487398

#1	-.000418	.0032584	.0384237
#2	-.000419	.0038467	.0378590
#3	.000929	.0037454	.0378698

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	765.3135	1314.183	36229.49	10723.08	2766.948
Stddev	3.2483	7.300	99.06	33.89	12.431
%RSD	.4244451	.5554895	.2734158	.3160025	.4492601

#1	765.4092	1307.763	36191.97	10685.07	2753.556
#2	762.0183	1312.662	36154.67	10734.00	2769.172
#3	768.5129	1322.124	36341.82	10750.15	2778.117

Sample Name: PB103125BL Acquired: 10/11/2017 17:40:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006712	-.000396	-.000648	-.001954	-.000342	-.002166
Stddev	.0052524	.000728	.001617	.002122	.000522	.001898
%RSD	782.5727	183.9609	249.7094	108.6090	152.7753	87.60174

#1	.0028210	.000282	-.002502	-.004378	-.000111	-.003138
#2	.0045076	-.001166	.000085	-.000429	-.000940	.000020
#3	-.005315	-.000304	.000474	-.001056	.000026	-.003381

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002532	-.000197	.0000203	-.007117	-.000760	.0000789
Stddev	.000475	.000098	.0000490	.007304	.000671	.0003000
%RSD	18.74589	49.83844	241.6942	102.6196	88.28920	379.9739

#1	-.003080	-.000309	.0000769	-.000042	-.000415	.0004052
#2	-.002260	-.000160	-.000008	-.006680	-.001534	.0000165
#3	-.002256	-.000123	-.000008	-.014630	-.000332	-.000185

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016574	-.004643	.0001632	-.005541	.0002005	.0002863
Stddev	.0014715	.001851	.0001788	.016878	.0006139	.0001610
%RSD	88.78552	39.87474	109.6008	304.6260	306.1725	56.22166

#1	.0007857	-.005761	.0001516	.006068	-.000376	.0004570
#2	.0008301	-.002506	-.000010	-.024902	.000846	.0001372
#3	.0033564	-.005661	.000347	.002212	.000132	.0002648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272511	-.001349	-.003856	-.054155	F -.125157	-.005381
Stddev	.0561455	.000829	.005917	.014361	.134777	.000247
%RSD	206.0300	61.43947	153.4506	26.51768	107.6867	4.591836

#1	-.015936	-.002269	-.010687	-.053910	-.146809	-.005360
#2	.006970	-.000660	-.000319	-.068637	.019136	-.005637
#3	.090719	-.001119	-.000562	-.039919	-.247797	-.005145

Sample Name: PB103125BL Acquired: 10/11/2017 17:40:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	.0039423	-.001571	.0023163	.0000761	-.000213
Stddev	.000328	.0079091	.000163	.0007797	.0004585	.000453
%RSD	102.1258	200.6229	10.38656	33.66195	602.8132	213.0930

#1	-.000186	-.001558	-.001389	.0020758	.0005876	-.000545
#2	-.000695	.013006	-.001704	.0016852	-.000298	.000304
#3	-.000082	.000379	-.001621	.0031880	-.000061	-.000397

Elem	Sr4077
Units	ppm
Avg	-.000059
Stddev	.000032
%RSD	53.72220

#1	-.000070
#2	-.000023
#3	-.000084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.5727	1368.175	37295.25	10676.42	2891.748
Stddev	4.5116	13.002	34.31	59.22	18.572
%RSD	.5663796	.9502875	.0919858	.5546796	.6422324

#1	792.1916	1356.482	37265.94	10608.43	2874.952
#2	796.3221	1365.866	37286.83	10704.10	2888.599
#3	801.2044	1382.176	37332.99	10716.73	2911.693

Sample Name: PB103125BS Acquired: 10/11/2017 17:44:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0216998	.0526243	.0235289	.0703739	.1228924	.3580673
Stddev	.0040068	.0022708	.0012045	.0031132	.0008805	.0047067
%RSD	18.46471	4.315197	5.119115	4.423799	.7164867	1.314482

#1	.0246298	.0512001	.0247477	.0697768	.1235091	.3633479
#2	.0171338	.0552431	.0234997	.0676026	.1232841	.3565406
#3	.0233357	.0514296	.0223393	.0737425	.1218840	.3543135

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3726423	.0117362	.0116277	9.288658	.0243362	.0983098
Stddev	.0057766	.0002189	.0000863	.047749	.0001068	.0006118
%RSD	1.550172	1.865136	.7418621	.5140558	.4388343	.6223459

#1	.3666850	.0116927	.0115671	9.239203	.0242192	.0979487
#2	.3782194	.0119736	.0117265	9.334495	.0243609	.0990162
#3	.3730225	.0115423	.0115896	9.292275	.0244285	.0979644

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502204	.2277760	.0317677	10.35177	.0842402	.0190059
Stddev	.0012826	.0023963	.0002944	.08995	.0006285	.0002076
%RSD	2.553914	1.052044	.9265628	.8689346	.7460756	1.092218

#1	.0513527	.2286788	.0314856	10.45226	.0848844	.0189012
#2	.0488275	.2295898	.0320729	10.32427	.0842076	.0188716
#3	.0504809	.2250594	.0317447	10.27877	.0836287	.0192450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391576	.1038946	.1226519	9.369023	F -2.00084	F .0179301
Stddev	.070592	.0026775	.0026408	.119610	.06973	.0008522
%RSD	.7516551	2.577150	2.153053	1.276657	3.484874	4.752907

#1	9.442166	.1069863	.1234562	9.501965	-2.05330	.0170086
#2	9.421632	.1023306	.1197025	9.334980	-1.92172	.0180919
#3	9.310930	.1023670	.1247969	9.270125	-2.02751	.0186897

Sample Name: PB103125BS Acquired: 10/11/2017 17:44:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) 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	.0236449	.1893701	.1928405	F .0157657	.1970538	.0940540
Stddev	.0001654	.0032388	.0014164	.0018421	.0017871	.0012148
%RSD	.6994364	1.710299	.7344804	11.68394	.9069277	1.291587

#1	.0238359	.1876605	.1944287	.0137060	.1990624	.0954476
#2	.0235466	.1873443	.1917082	.0172554	.1964594	.0934959
#3	.0235523	.1931055	.1923845	.0163356	.1956395	.0932186

Elem	Sr4077
Units	ppm
Avg	.2190915
Stddev	.0016189
%RSD	.7388902

#1	.2206420
#2	.2192205
#3	.2174120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	790.6941	1344.569	36206.23	10725.53	2716.081
Stddev	6.6650	10.151	236.45	64.05	12.599
%RSD	.8429360	.7549949	.6530607	.5972110	.4638570

#1	783.9557	1332.912	35978.70	10659.53	2701.611
#2	790.8432	1349.336	36189.30	10729.64	2722.010
#3	797.2833	1351.460	36450.69	10787.44	2724.621

Sample Name: I5596-08 Acquired: 10/11/2017 17:48:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062358	-.002466	.0093393	-.004295	-.002073	2.020863	.0162744
Stddev	.0074745	.001044	.0014260	.001594	.001545	.013510	.0002647
%RSD	119.8646	42.34880	15.26909	37.10494	74.54430	.6685354	1.626539

#1	.0148641	-.003210	.0083774	-.002610	-.002099	2.021131	.0165077
#2	.0017409	-.001272	.0109777	-.005778	-.003605	2.034237	.0159867
#3	.0021024	-.002915	.0086628	-.004498	-.000515	2.007221	.0163287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001313	.0017025	84.65701	.0076306	.1258683	.1895971	8.575422
Stddev	.0000373	.0001475	.27895	.0007832	.0009324	.0005068	.024752
%RSD	28.41660	8.664156	.3295027	10.26386	.7407810	.2673151	.2886440

#1	.0001378	.0017278	84.83150	.0069285	.1248072	.1901694	8.573970
#2	.0000912	.0018358	84.80425	.0074881	.1262414	.1894166	8.600868
#3	.0001650	.0015440	84.33530	.0084753	.1265564	.1892052	8.551427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.186175	22.44870	.1032228	.0009259	5.755889	.0011029	.4433685
Stddev	.025828	.17419	.0008014	.0001954	.023960	.0006973	.0052633
%RSD	.4175069	.7759298	.7764069	21.10873	.4162767	63.22304	1.187111

#1	6.172509	22.24784	.1030323	.0011185	5.776925	.0005971	.4375092
#2	6.215964	22.55815	.1025338	.0007277	5.760934	.0008133	.4476958
#3	6.170051	22.54011	.1041023	.0009315	5.729807	.0018984	.4449006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.262222	-3.36988	-.026547	.0005479	92.59904	11.47248	-.001645
Stddev	.060665	.26470	.000501	.0005921	.17079	.04432	.002155
%RSD	.9687430	7.854991	1.886849	108.0567	.1844373	.3862902	131.0050

#1	6.194450	-3.06446	-.026814	.0004244	92.54204	11.51253	.000811
#2	6.280766	-3.53294	-.025969	.0011920	92.46404	11.42487	-.003219
#3	6.311451	-3.51225	-.026857	.0000273	92.79104	11.48005	-.002527

Sample Name: I5596-08 Acquired: 10/11/2017 17:48:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0966232	.0206058	.1933226
Stddev	.0050364	.0000744	.0004614
%RSD	5.212460	.3608396	.2386455

#1	.0915694	.0205497	.1928839
#2	.0966581	.0205775	.1938037
#3	.1016421	.0206901	.1932803

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	775.8656	1310.104	35907.68	10795.89	2601.123
Stddev	1.0959	3.648	48.32	1.51	11.648
%RSD	.1412427	.2784425	.1345683	.0140283	.4477903

#1	774.6892	1311.396	35957.61	10794.14	2610.543
#2	776.8574	1312.930	35861.14	10796.89	2604.726
#3	776.0504	1305.986	35904.31	10796.62	2588.099

Sample Name: I5596-09 Acquired: 10/11/2017 17:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051160	-.004396	.0087797	-.003099	-.000799	2.020500	.0163046
Stddev	.0043355	.000997	.0022633	.002967	.001052	.021856	.0002168
%RSD	84.74223	22.67451	25.77873	95.72152	131.5318	1.081720	1.329495

#1	.0056811	-.004895	.0068555	-.006060	-.000043	2.038846	.0164684
#2	.0091413	-.005046	.0112733	-.000127	-.000355	1.996318	.0160588
#3	.0005258	-.003249	.0082102	-.003111	-.002000	2.026337	.0163865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000807	.0016746	84.40591	.0073052	.1252024	.1917921	8.576483
Stddev	.0001106	.0001048	.66214	.0006506	.0003988	.0019160	.029705
%RSD	137.0989	6.256090	.7844726	8.905970	.3185326	.9989796	.3463490

#1	-.000046	.0017896	85.09424	.0071706	.1254361	.1927903	8.609201
#2	.000133	.0015846	83.77350	.0067324	.1247419	.1895831	8.551209
#3	.000156	.0016497	84.35000	.0080125	.1254292	.1930028	8.569038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.168691	22.57026	.1030676	.0009872	5.730776	.0029729	.4533645
Stddev	.029941	.15788	.0005825	.0001738	.066402	.0017761	.0142452
%RSD	.4853675	.6995145	.5651822	17.60765	1.158689	59.74371	3.142108

#1	6.200377	22.67670	.1034731	.0009074	5.801868	.0022055	.4631769
#2	6.140870	22.38886	.1024001	.0008676	5.670357	.0050037	.4598913
#3	6.164827	22.64521	.1033296	.0011866	5.720104	.0017095	.4370253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.349782	-3.29808	-.026469	.0004781	91.99027	11.45854	.0001084
Stddev	.048818	.40976	.000374	.0003658	.13636	.17161	.0015469
%RSD	.7688159	12.42431	1.411153	76.51932	.1482277	1.497636	1427.641

#1	6.388045	-3.61702	-.026900	.0008828	92.12292	11.61605	-.001032
#2	6.294802	-2.83593	-.026246	.0001709	91.85049	11.27566	.001869
#3	6.366500	-3.44129	-.026261	.0003805	91.99741	11.48390	-.000512

Sample Name: I5596-09 Acquired: 10/11/2017 17:52:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XS5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0933863	.0208454	.1946199
Stddev	.0028253	.0005227	.0017181
%RSD	3.025421	2.507732	.8827891

#1	.0929931	.0210649	.1957339
#2	.0907782	.0202487	.1926412
#3	.0963876	.0212226	.1954846

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	749.7200	1260.691	35322.15	10716.64	2543.139
Stddev	6.0841	12.951	132.12	46.46	13.618
%RSD	.8115107	1.027285	.3740534	.4335734	.5354834

#1	755.7176	1271.165	35452.47	10703.99	2555.368
#2	743.5531	1264.696	35188.29	10768.12	2545.586
#3	749.8893	1246.210	35325.68	10677.81	2528.464

Sample Name: I5596-10 Acquired: 10/11/2017 17:56:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472915	.0632890	.0296443	.0533373	.1078183	3.763474	2.164509
Stddev	.0048950	.0028051	.0010616	.0016737	.0020892	.020390	.012904
%RSD	10.35076	4.432214	3.581189	3.137852	1.937708	.5417841	.5961537

#1	.0471782	.0634865	.0285791	.0552126	.1100353	3.742021	2.170533
#2	.0424541	.0659901	.0307023	.0519953	.1075332	3.782602	2.173300
#3	.0522422	.0603903	.0296515	.0528041	.1058862	3.765799	2.149695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533441	.0530556	79.05605	.2307077	.6386873	.4494663	9.453156
Stddev	.0007664	.0003869	.59605	.0015778	.0032389	.0039039	.055295
%RSD	1.436746	.7293054	.7539526	.6838905	.5071126	.8685541	.5849326

#1	.0529044	.0526210	78.76987	.2313369	.6373385	.4483455	9.394630
#2	.0542291	.0531835	79.74122	.2318738	.6363408	.4538080	9.504522
#3	.0528988	.0533625	78.65707	.2289124	.6423826	.4462454	9.460317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.410939	22.01494	.6436405	.0010373	5.672573	.5675421	.9790824
Stddev	.038805	.05804	.0014140	.0003416	.036516	.0043309	.0267617
%RSD	.6052871	.2636173	.2196827	32.93802	.6437322	.7630949	2.733341

#1	6.369428	22.04532	.6421075	.0009770	5.710746	.5625645	.9568019
#2	6.446303	22.05149	.6439203	.0014050	5.668995	.5696135	.9716789
#3	6.417086	21.94802	.6448936	.0007297	5.637977	.5704483	1.008766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.232984	-3.12222	-.029089	.0000930	86.78470	10.55282	-.001170
Stddev	.008494	.10651	.000841	.0002483	.77092	.10025	.000824
%RSD	.1362774	3.411471	2.890100	267.1438	.8883107	.9499938	70.39766

#1	6.225665	-3.09635	-.028150	.0001548	86.25201	10.46605	-.000219
#2	6.242298	-3.03103	-.029773	.0003045	86.43338	10.66257	-.001631
#3	6.230989	-3.23929	-.029343	-.000180	87.66870	10.52986	-.001660

Sample Name: I5596-10 Acquired: 10/11/2017 17:56:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0828472	.0205590	.1896103
Stddev	.0031924	.0003253	.0012373
%RSD	3.853317	1.582458	.6525438

#1	.0832738	.0205198	.1894957
#2	.0858049	.0202550	.1909008
#3	.0794630	.0209021	.1884342

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	722.6378	1221.107	34632.61	10534.97	2505.880
Stddev	7.0475	7.326	103.47	66.46	5.773
%RSD	.9752477	.5999666	.2987776	.6308259	.2303634

#1	729.5249	1214.881	34733.55	10577.28	2508.136
#2	722.9482	1229.180	34637.51	10458.38	2510.183
#3	715.4402	1219.260	34526.78	10569.26	2499.320

Sample Name: I5596-08LX5 Acquired: 10/11/2017 18:00:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042417	-.000975	-.000970	-.004530	-.000031	.4444971	.0011159
Stddev	.0039025	.000734	.001259	.001682	.000538	.0040166	.0000725
%RSD	92.00272	75.28016	129.8376	37.13839	1742.662	.9036208	6.497989

#1	-.000060	-.000153	-.002250	-.002819	.000570	.4423135	.0010322
#2	.005231	-.001566	-.000927	-.004588	-.000470	.4420455	.0011600
#3	.007554	-.001207	.000268	-.006182	-.000193	.4491325	.0011554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0003083	16.03098	.0014722	.0233866	.0384781	1.739571
Stddev	.000031	.0000448	.09498	.0001793	.0004316	.0005453	.032765
%RSD	242.5969	14.54540	.5924910	12.17904	1.845671	1.417204	1.883483

#1	-.000000	.0003236	15.92249	.0012915	.0230808	.0379114	1.723146
#2	.000010	.0003436	16.07133	.0014749	.0238804	.0389992	1.718269
#3	-.000047	.0002579	16.09913	.0016501	.0231987	.0385235	1.777300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.234476	4.454313	.0203528	.0005199	1.078007	.0002649	.0838282
Stddev	.013392	.034535	.0001562	.0003580	.054833	.0028268	.0038968
%RSD	1.084835	.7753067	.7672416	68.85916	5.086499	1067.110	4.648511

#1	1.220747	4.414989	.0202376	.0006006	1.136492	-.001646	.0793287
#2	1.235178	4.479705	.0202903	.0001285	1.069773	-.001071	.0860563
#3	1.247503	4.468246	.0205306	.0008307	1.027757	.003512	.0860996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.166116	-.619562	-.010305	-.000057	16.92984	2.529926	-.000012
Stddev	.022772	.063567	.000655	.000218	.19570	.057729	.001767
%RSD	1.952804	10.25993	6.356925	382.8987	1.155973	2.281829	15132.68

#1	1.158333	-.692731	-.010154	-.000258	16.70586	2.508190	.000785
#2	1.148256	-.577929	-.009738	-.000087	17.01582	2.486222	.001216
#3	1.191759	-.588027	-.011022	.000175	17.06784	2.595368	-.002036

Sample Name: I5596-08LX5 Acquired: 10/11/2017 18:00:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0251010	.0039160	.0392051
Stddev	.0015245	.0000598	.0001648
%RSD	6.073613	1.526936	.4204213

#1	.0236352	.0038658	.0393308
#2	.0249896	.0039822	.0390185
#3	.0266782	.0038999	.0392660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	767.6531	1309.369	36259.46	10691.16	2749.120
Stddev	4.0096	3.813	122.05	9.27	5.161
%RSD	.5223150	.2912201	.3366060	.0866951	.1877191

#1	764.1907	1308.448	36161.03	10691.55	2746.877
#2	766.7223	1306.101	36221.31	10681.70	2745.462
#3	772.0462	1313.558	36396.02	10700.22	2755.023

Sample Name: CCV047 Acquired: 10/11/2017 18:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.110576	5.092364	24.29917	5.273205	5.335091	378.8510
Stddev	.025465	.026299	.14271	.023785	.022507	1.6368
%RSD	.4982711	.5164393	.5873194	.4510450	.4218758	.4320493

#1	5.118776	5.103478	24.31464	5.272149	5.344388	380.4434
#2	5.082022	5.062333	24.14936	5.249967	5.309424	378.9365
#3	5.130930	5.111282	24.43352	5.297500	5.351459	377.1731

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.997411	.5311178	2.592307	380.6648	15.56376	2.514711
Stddev	.038174	.0038273	.017419	.5070	.08899	.016277
%RSD	.3818420	.7206102	.6719377	.1331922	.5717844	.6472519

#1	9.969342	.5313274	2.587419	380.3396	15.47783	2.515081
#2	9.982012	.5271900	2.577855	381.2490	15.55794	2.498252
#3	10.04088	.5348359	2.611648	380.4057	15.65552	2.530799

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.58488	399.1348	14.90814	408.6237	2.532767	1.302035
Stddev	.11207	.7937	.04094	.9673	.015211	.005917
%RSD	.7191132	.1988483	.2746448	.2367196	.6005530	.4544090

#1	15.69577	398.6480	14.91107	409.2348	2.533966	1.295870
#2	15.58722	398.7057	14.86581	407.5085	2.516992	1.302569
#3	15.47166	400.0506	14.94754	409.1279	2.547342	1.307667

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	384.6155	2.527968	15.41822	156.4867	F 6.970787	F 4.196487
Stddev	1.6027	.004795	.07099	.7893	.409522	.022609
%RSD	.4166949	.1896827	.4604525	.5043857	5.874829	.5387716

#1	386.0677	2.532598	15.34858	157.2980	7.109278	4.185371
#2	384.8829	2.523023	15.49049	156.4408	6.509976	4.181588
#3	382.8960	2.528282	15.41560	155.7214	7.293106	4.222503

Sample Name: CCV047 Acquired: 10/11/2017 18:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.293962	5.215107	4.924969	5.101398	4.972265	5.132756
Stddev	.032757	.035552	.019555	.023173	.020634	.042163
%RSD	.6187521	.6817165	.3970576	.4542569	.4149735	.8214563

#1	5.293885	5.211374	4.922258	5.093683	4.982282	5.173927
#2	5.261245	5.181569	4.906912	5.083065	4.985978	5.134676
#3	5.326758	5.252379	4.945739	5.127444	4.948535	5.089666

Elem	Sr4077
Units	ppm
Avg	5.081644
Stddev	.017293
%RSD	.3403076

#1	5.095299
#2	5.087434
#3	5.062198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	608.0032	1043.307	29715.94	9536.290	1800.258
Stddev	4.0937	4.933	73.21	35.843	8.739
%RSD	.6733025	.4727792	.2463590	.3758559	.4854382

#1	608.3991	1043.094	29688.13	9494.907	1797.876
#2	603.7259	1048.343	29660.71	9557.529	1809.941
#3	611.8846	1038.485	29798.97	9556.433	1792.956

Sample Name: CCB047 Acquired: 10/11/2017 18:09:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002033	-.002304	.0000760	.0008159	-.000978	-.008250
Stddev	.001650	.002995	.0006571	.0029913	.001389	.002405
%RSD	81.14958	130.0367	864.8797	366.6444	142.0556	29.14545

#1	-.001569	-.002885	.0007921	.0041583	.000020	-.006783
#2	-.003865	.000940	-.000065	-.001610	-.000389	-.011025
#3	-.000665	-.004966	-.000499	-.000101	-.002564	-.006943

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001098	-.000159	.0000335	-.006377	.0001313	.0000182
Stddev	.000469	.000034	.0000275	.003852	.0002452	.0000752
%RSD	42.73535	21.48660	82.08903	60.40542	186.6375	413.4112

#1	-.001514	-.000147	.0000193	-.002074	.0000258	.0000664
#2	-.000589	-.000197	.0000651	-.009503	-.000043	.0000565
#3	-.001190	-.000132	.0000160	-.007554	.000412	-.000068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008212	.0015302	.0000587	.0294469	-.000188	.0000742
Stddev	.0002019	.0051990	.0005539	.0256061	.000395	.0001948
%RSD	24.58971	339.7574	944.1285	86.95694	209.9857	262.7734

#1	.0008669	-.003085	-.000010	.0539269	-.000373	.0001681
#2	.0009964	.007162	-.000458	.0028465	-.000456	.0002042
#3	.0006004	.000514	.000644	.0315673	.000265	-.000150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058478	-.001498	-.000270	-1.02059	F .2353251	.0026357
Stddev	.068663	.000776	.002907	.00373	.0874604	.0012330
%RSD	117.4158	51.82587	1077.403	.3651575	37.16578	46.77910

#1	.020684	-.000963	.000815	-1.02220	.3121457	.0040226
#2	-.094243	-.001142	-.003563	-1.02325	.2536887	.0022212
#3	-.101876	-.002389	.001938	-1.01633	.1401409	.0016635

Sample Name: CCB047 Acquired: 10/11/2017 18:09:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002618	-.020318	-.005161	.0014662	-.000400	-.001194
Stddev	.0001425	.002924	.000658	.0006936	.000271	.000126
%RSD	54.44887	14.39168	12.74850	47.30759	67.78764	10.54845

#1	.0003623	-.017463	-.005681	.0008314	-.000695	-.001121
#2	.0000987	-.023307	-.004421	.0022066	-.000162	-.001340
#3	.0003243	-.020185	-.005380	.0013607	-.000343	-.001122

Elem	Sr4077
Units	ppm
Avg	-.000246
Stddev	.000009
%RSD	3.662690

#1	-.000249
#2	-.000236
#3	-.000254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	818.2860	1384.871	38509.64	11029.93	2945.910
Stddev	4.4086	4.736	99.57	47.99	7.819
%RSD	.5387596	.3419680	.2585706	.4351006	.2654023

#1	818.5459	1385.069	38507.60	10977.20	2946.482
#2	813.7532	1389.504	38411.10	11071.05	2953.426
#3	822.5589	1380.039	38610.22	11041.55	2937.821

Sample Name: I5597-05 Acquired: 10/11/2017 18:13:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007313	-.000916	.0084759	-.003128	-.001612	3.553663	.0209904
Stddev	.0043550	.001026	.0018922	.000172	.000491	.013311	.0007703
%RSD	595.5401	112.0077	22.32389	5.496485	30.48547	.3745634	3.669791

#1	.0028791	-.002018	.0063043	-.003275	-.001700	3.552115	.0201696
#2	-.004280	.000010	.0093535	-.003171	-.002053	3.567679	.0216975
#3	.003595	-.000739	.0097699	-.002939	-.001082	3.541193	.0211042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000348	.0025708	60.16789	.0181720	.0994670	1.238189	2.304413
Stddev	.0000253	.0001346	.10033	.0007092	.0013524	.007769	.020669
%RSD	72.72693	5.237049	.1667435	3.902662	1.359638	.6274768	.8969119

#1	.0000226	.0027088	60.06056	.0174546	.0982341	1.240137	2.319673
#2	.0000639	.0024398	60.18383	.0188727	.0992535	1.244799	2.280892
#3	.0000179	.0025640	60.25930	.0181888	.1009135	1.229631	2.312675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423514	12.89492	.0588077	.0006332	4.873847	.0031952	5.261101
Stddev	.005270	.04789	.0011236	.0001438	.030436	.0013561	.054309
%RSD	.3702129	.3713539	1.910551	22.71439	.6244822	42.44172	1.032272

#1	1.429257	12.94397	.0583005	.0005777	4.892564	.0044233	5.257363
#2	1.418900	12.84829	.0580272	.0005254	4.890250	.0034223	5.317182
#3	1.422385	12.89249	.0600955	.0007965	4.838728	.0017399	5.208757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.867472	-3.01043	-.006284	.0026316	67.47604	13.96835	.0071379
Stddev	.036943	.15003	.001679	.0001682	.74850	.02155	.0011535
%RSD	.6296318	4.983737	26.71494	6.392711	1.109287	.1542426	16.16082

#1	5.900271	-2.85199	-.007890	.0024410	66.83932	13.99074	.0058082
#2	5.874693	-3.15032	-.004541	.0027595	67.28825	13.94777	.0078711
#3	5.827451	-3.02899	-.006421	.0026943	68.30056	13.96653	.0077344

Sample Name: I5597-05 Acquired: 10/11/2017 18:13:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0453851	.0155376	.1396284
Stddev	.0003446	.0001141	.0000368
%RSD	.7593209	.7342060	.0263450

#1	.0451265	.0156622	.1395990
#2	.0457764	.0154382	.1396697
#3	.0452526	.0155124	.1396167

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	775.8662	1310.484	36151.15	10808.81	2641.091
Stddev	6.5986	19.324	117.31	38.50	31.498
%RSD	.8504771	1.474569	.3245027	.3562043	1.192605

#1	772.3494	1323.507	36018.73	10764.38	2664.961
#2	771.7709	1319.664	36192.63	10829.65	2652.921
#3	783.4782	1288.282	36242.08	10832.39	2605.391

Sample Name: I5597-06 Acquired: 10/11/2017 18:17:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019596	-.000209	.0075341	-.000375	-.001820	.8125822	.0186698
Stddev	.0038961	.002021	.0003372	.004490	.001023	.0018938	.0003856
%RSD	198.8195	965.7883	4.476140	1198.130	56.22210	.2330626	2.065386

#1	.0064565	.000647	.0077789	-.004965	-.001277	.8104588	.0183641
#2	-.000175	-.002517	.0076739	.004008	-.001182	.8140967	.0191030
#3	-.000403	.001242	.0071494	-.000166	-.003000	.8131911	.0185422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000022	.0025581	61.40268	-.000511	.0975700	1.103093	.6076553
Stddev	.0000306	.0001071	.31680	.000584	.0004726	.006539	.0135078
%RSD	1368.537	4.186274	.5159382	114.2828	.4843895	.5928106	2.222944

#1	.0000187	.0026308	61.27113	-.000241	.0979225	1.103857	.5937477
#2	-.000033	.0026084	61.76407	-.001182	.0977546	1.109216	.6084940
#3	.000021	.0024351	61.17285	-.000111	.0970330	1.096205	.6207243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.452922	12.77271	.0449251	.0006717	4.852851	-.000655	4.472172
Stddev	.008005	.07097	.0005736	.0002953	.097122	.000616	.015652
%RSD	.5509820	.5556022	1.276704	43.96787	2.001349	94.00186	.3499800

#1	1.457044	12.80271	.0446351	.0006915	4.836856	-.001290	4.485036
#2	1.458026	12.82375	.0445545	.0009566	4.956978	-.000061	4.454746
#3	1.443695	12.69167	.0455858	.0003670	4.764718	-.000614	4.476733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.772456	-.036194	-.003546	.0002770	67.72253	13.03256	.0041018
Stddev	.041606	.247808	.000880	.0002160	.16175	.09838	.0020640
%RSD	.7207726	684.6660	24.82610	77.96842	.2388414	.7548768	50.31789

#1	5.812025	-.304700	-.004552	.0003333	67.53577	13.02153	.0058153
#2	5.776269	.012401	-.002916	.0000385	67.81425	13.13599	.0046796
#3	5.729075	.183717	-.003169	.0004594	67.81757	12.94016	.0018106

Sample Name: I5597-06 Acquired: 10/11/2017 18:17:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097374	.0145054	.1427255
Stddev	.0007475	.0001749	.0005414
%RSD	7.676542	1.205480	.3793271

#1	.0105946	.0144008	.1429116
#2	.0093961	.0144081	.1431493
#3	.0092214	.0147073	.1421156

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	771.5186	1303.581	35878.35	10746.81	2640.750
Stddev	2.2072	11.132	81.89	53.38	11.423
%RSD	.2860863	.8539768	.2282402	.4966796	.4325729

#1	769.0319	1316.318	35784.39	10734.68	2653.852
#2	772.2780	1298.718	35934.50	10700.54	2632.876
#3	773.2458	1295.709	35916.17	10805.20	2635.524

Sample Name: I5596-01 Acquired: 10/11/2017 18:21:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006714	-.000708	.0082347	-.001060	-.000074	3.340887	.0145151
Stddev	.0027039	.002001	.0012615	.004264	.002924	.037329	.0000824
%RSD	402.7125	282.6271	15.31910	402.3641	3939.715	1.117344	.5674055

#1	.0006080	-.001896	.0093849	-.001535	-.003021	3.382997	.0146059
#2	.0034065	-.001830	.0068856	-.005067	.002826	3.327803	.0144452
#3	-.002000	.001602	.0084336	.003422	-.000028	3.311861	.0144942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000876	.0028660	56.78883	.0038581	.0957930	1.616936	.3871144
Stddev	.0000739	.0002687	.51005	.0007457	.0003639	.008564	.0131734
%RSD	84.33096	9.376106	.8981561	19.32880	.3799355	.5296156	3.402975

#1	.0000920	.0028199	57.37754	.0031814	.0960241	1.626691	.3993279
#2	.0001591	.0026232	56.47982	.0037353	.0959815	1.613458	.3888600
#3	.0000116	.0031547	56.50912	.0046577	.0953735	1.610658	.3731552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.328638	12.49094	.0499639	.0004465	4.853280	.0010191	1.757158
Stddev	.016427	.11749	.0002413	.0000215	.071261	.0014788	.014948
%RSD	1.236352	.9405989	.4829795	4.826261	1.468312	145.1039	.8507089

#1	1.347140	12.62650	.0497790	.0004514	4.909178	.0008736	1.773157
#2	1.323008	12.41848	.0498759	.0004229	4.773036	-.000382	1.754768
#3	1.315767	12.42784	.0502369	.0004652	4.877626	.002565	1.743548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.646416	.9299834	-.003634	.0009957	66.81462	13.23482	-.000326
Stddev	.051189	.3923022	.000504	.0000990	.61788	.10773	.002084
%RSD	.9065676	42.18379	13.87635	9.937310	.9247713	.8140235	639.8082

#1	5.703288	.4777289	-.003688	.0011082	66.31974	13.35334	-.000214
#2	5.631925	1.133741	-.003105	.0009569	66.61697	13.20828	-.002463
#3	5.604035	1.178481	-.004109	.0009221	67.50715	13.14283	.001700

Sample Name: I5596-01 Acquired: 10/11/2017 18:21:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010558	.0145208	.1391272
Stddev	.0003869	.0003921	.0012436
%RSD	36.64491	2.700205	.8938768

#1	.0006159	.0149416	.1405584
#2	.0012082	.0144551	.1385133
#3	.0013432	.0141657	.1383099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	740.4456	1240.570	35299.62	10642.12	2562.137
Stddev	4.2334	10.588	271.00	91.16	15.222
%RSD	.5717349	.8534867	.7677041	.8566300	.5940989

#1	743.6631	1252.544	35577.69	10536.93	2578.602
#2	735.6498	1236.724	35036.30	10691.26	2559.232
#3	742.0239	1232.442	35284.86	10698.16	2548.577

Sample Name: I5596-02 Acquired: 10/11/2017 18:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000399	.0000180	.0093767	-.001890	-.001673	3.310723	.0138588
Stddev	.006291	.0043743	.0020102	.000446	.000567	.021648	.0001753
%RSD	1577.234	24277.65	21.43814	23.59899	33.88036	.6538783	1.264750

#1	.000124	.0050543	.0096232	-.001449	-.001910	3.316450	.0136810
#2	.005615	-.002167	.0072547	-.001879	-.002083	3.328932	.0138639
#3	-.006935	-.002834	.0112524	-.002341	-.001026	3.286787	.0140314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001117	.0026532	55.34070	.0050202	.0937984	1.608840	.3976336
Stddev	.0000453	.0001390	.08244	.0002051	.0006324	.003649	.0059488
%RSD	40.55995	5.239397	.1489771	4.085573	.6741861	.2268208	1.496040

#1	.0001609	.0025560	55.43088	.0048021	.0934361	1.606031	.4038814
#2	.0000716	.0025911	55.32203	.0050492	.0934304	1.612964	.3920375
#3	.0001026	.0028124	55.26919	.0052092	.0945286	1.607525	.3969821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.311869	12.43968	.0506803	.0004962	4.826332	.0003764	1.712102
Stddev	.003318	.02596	.0008933	.0001189	.039864	.0016775	.007113
%RSD	.2528986	.2087137	1.762641	23.96639	.8259587	445.7262	.4154323

#1	1.310678	12.42231	.0500869	.0004239	4.799256	.0022800	1.719743
#2	1.315617	12.46953	.0502462	.0004313	4.872108	-.000885	1.705674
#3	1.309310	12.42720	.0517077	.0006335	4.807633	-.000266	1.710890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.638520	.8339567	-.003952	.0013295	65.98066	13.14128	-.000998
Stddev	.014412	.1800079	.000911	.0003882	.10009	.05893	.001219
%RSD	.2555920	21.58481	23.05099	29.20211	.1516933	.4484715	122.1228

#1	5.642383	.6283505	-.004928	.0016121	66.02381	13.17538	.000159
#2	5.650607	.9103514	-.003124	.0014896	65.86624	13.17522	-.002271
#3	5.622571	.9631683	-.003803	.0008868	66.05194	13.07322	-.000882

Sample Name: I5596-02 Acquired: 10/11/2017 18:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006823	.0143090	.1383017
Stddev	.0006427	.0004049	.0001851
%RSD	94.20643	2.829548	.1338199

#1	-.000051	.0142995	.1384368
#2	.000947	.0147185	.1383777
#3	.001151	.0139089	.1380908

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	744.9922	1239.859	35324.42	10598.71	2574.541
Stddev	4.5065	4.857	145.73	34.67	10.258
%RSD	.6049060	.3917707	.4125567	.3270763	.3984520

#1	745.7087	1241.785	35226.88	10597.34	2576.651
#2	740.1704	1243.458	35254.44	10564.76	2583.581
#3	749.0975	1234.334	35491.95	10634.05	2563.393

Sample Name: I5596-03 Acquired: 10/11/2017 18:29:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036430	-.001718	.0207544	-.000590	-.001563	23.18070	.0348434
Stddev	.0039323	.001575	.0023796	.000558	.001460	.04855	.0004883
%RSD	107.9417	91.67115	11.46557	94.55221	93.38511	.2094330	1.401515

#1	.0078911	.000082	.0180648	-.001166	-.002231	23.19375	.0350214
#2	.0029077	-.002394	.0216124	-.000552	.000111	23.12696	.0342911
#3	.0001303	-.002843	.0225861	-.000052	-.002570	23.22139	.0352178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005390	.0032901	57.90614	.0588101	.1019378	2.118831	10.86400
Stddev	.0000379	.0002244	.14035	.0003827	.0008862	.008280	.00685
%RSD	7.032585	6.820747	.2423799	.6507051	.8693855	.3907698	.0630846

#1	.0005344	.0035293	57.92327	.0592214	.1017717	2.119262	10.87152
#2	.0005790	.0030843	58.03715	.0587445	.1011464	2.110345	10.86238
#3	.0005036	.0032567	57.75801	.0584645	.1028953	2.126888	10.85810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.403194	15.06515	.0874661	.0009015	5.206870	.0146662	2.792456
Stddev	.007655	.08367	.0003465	.0001547	.082366	.0032400	.027764
%RSD	.5455505	.5553660	.3961214	17.15483	1.581874	22.09157	.9942551

#1	1.395919	14.97202	.0877653	.0007230	5.243226	.0173584	2.760400
#2	1.411180	15.08946	.0870865	.0009888	5.112581	.0110703	2.808921
#3	1.402484	15.13397	.0875464	.0009928	5.264802	.0155698	2.808045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.087917	-9.19559	-.033601	.0078007	72.55477	20.75661	.0006714
Stddev	.013851	.17519	.000691	.0000822	.73896	.04333	.0013696
%RSD	.1954201	1.905135	2.057630	1.053304	1.018488	.2087373	203.9862

#1	7.100841	-9.07317	-.033145	.0078608	72.36304	20.78425	.0020546
#2	7.089614	-9.11732	-.034397	.0077071	71.93057	20.77891	.0006438
#3	7.073295	-9.39626	-.033262	.0078343	73.37070	20.70668	-.000684

Sample Name: I5596-03 Acquired: 10/11/2017 18:29:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2317411	.0186479	.1500573
Stddev	.0007754	.0001307	.0005985
%RSD	.3345977	.7009229	.3988297

#1	.2319997	.0185152	.1503684
#2	.2323542	.0186520	.1493673
#3	.2308695	.0187765	.1504361

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.9592	1238.426	35351.61	10650.46	2513.270
Stddev	4.1749	2.322	69.28	29.91	14.864
%RSD	.5642014	.1874857	.1959808	.2808228	.5914104

#1	744.7703	1235.922	35347.39	10615.92	2512.113
#2	737.8181	1240.508	35284.53	10667.73	2528.678
#3	737.2893	1238.847	35422.90	10667.72	2499.018

Sample Name: I5596-04 Acquired: 10/11/2017 18:33:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002504	-.002971	.0122808	-.001561	-.000661	5.906150	.0173329
Stddev	.005793	.000381	.0029781	.003190	.001881	.013139	.0001940
%RSD	231.3335	12.82099	24.25037	204.3797	284.5097	.2224576	1.119050

#1	-.002940	-.003329	.0088795	-.001186	.000832	5.898584	.0171110
#2	.003495	-.002571	.0144204	-.004921	-.000042	5.898544	.0174702
#3	-.008067	-.003012	.0135424	.001425	-.002773	5.921321	.0174175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001855	.0027743	56.44767	.0080012	.0984517	1.642938	2.124107
Stddev	.0000905	.0000998	.12770	.0006205	.0003836	.002641	.027149
%RSD	48.76753	3.597821	.2262240	7.755727	.3896584	.1607740	1.278150

#1	.0002400	.0028739	56.37692	.0081907	.0983931	1.644405	2.096099
#2	.0002355	.0026743	56.37100	.0085048	.0981007	1.644522	2.125914
#3	.0000811	.0027746	56.59508	.0073079	.0988612	1.639889	2.150307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350097	12.92993	.0500916	.0007119	4.844503	.0018867	3.684785
Stddev	.009647	.03032	.0002728	.0004380	.051032	.0026027	.052521
%RSD	.7145512	.2344827	.5446722	61.52651	1.053393	137.9519	1.425352

#1	1.346103	12.94091	.0504004	.0002774	4.902174	-.001089	3.689746
#2	1.343089	12.89565	.0498833	.0007050	4.805189	.003007	3.629958
#3	1.361100	12.95322	.0499910	.0011534	4.826147	.003742	3.734649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.905383	-.428519	-.008260	.0008674	68.89881	14.10384	.0038133
Stddev	.043727	.290224	.001039	.0003551	.35846	.03833	.0027929
%RSD	.7404582	67.72719	12.57851	40.94107	.5202741	.2717600	73.24087

#1	5.955171	-.244159	-.007140	.0004844	68.49927	14.14806	.0065074
#2	5.887765	-.278338	-.008447	.0011857	69.00488	14.08349	.0040014
#3	5.873213	-.763058	-.009192	.0009321	69.19226	14.07999	.0009311

Sample Name: I5596-04 Acquired: 10/11/2017 18:33:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0283171	.0155504	.1405993
Stddev	.0005622	.0003400	.0002285
%RSD	1.985340	2.186603	.1625273

#1	.0287973	.0153558	.1406585
#2	.0284552	.0153524	.1407924
#3	.0276987	.0159430	.1403470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	742.7160	1258.338	35317.82	10646.97	2580.834
Stddev	5.3719	1.793	102.38	6.58	7.288
%RSD	.7232815	.1424560	.2898784	.0617958	.2823867

#1	743.9828	1258.439	35433.23	10644.35	2583.516
#2	747.3413	1260.077	35282.25	10654.46	2586.402
#3	736.8239	1256.497	35237.96	10642.11	2572.586

Sample Name: I5596-05 Acquired: 10/11/2017 18:37:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029866	-.000575	.0112480	-.001284	-.001273	6.603853	.0260529
Stddev	.0059977	.001676	.0000754	.006476	.000740	.007096	.0004114
%RSD	200.8188	291.2992	.6706057	504.4610	58.15583	.1074477	1.579137

#1	.0027069	-.001255	.0111777	-.004836	-.001134	6.611934	.0261997
#2	-.002866	.001334	.0112388	-.005207	-.000612	6.598643	.0255882
#3	.009119	-.001804	.0113277	.006191	-.002073	6.600982	.0263708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000449	.0026252	61.41091	.0323521	.1018317	1.365631	5.021274
Stddev	.0000439	.0000816	.16667	.0009686	.0006818	.003775	.017761
%RSD	97.85702	3.107611	.2714084	2.994009	.6695190	.2764371	.3537142

#1	.0000052	.0026897	61.21970	.0322164	.1024910	1.362571	5.001802
#2	.0000920	.0025335	61.48757	.0314585	.1011295	1.364473	5.025435
#3	.0000374	.0026524	61.52547	.0333814	.1018747	1.369850	5.036585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.473888	13.81203	.0671989	.0005863	4.906189	.0074932	5.352170
Stddev	.004103	.07017	.0002639	.0000581	.049905	.0003388	.069291
%RSD	.2783776	.5080039	.3927889	9.902032	1.017182	4.520806	1.294631

#1	1.478315	13.73458	.0669492	.0005431	4.867144	.0072403	5.325906
#2	1.470213	13.87134	.0671723	.0006523	4.889009	.0073612	5.430753
#3	1.473135	13.83018	.0674751	.0005635	4.962415	.0078781	5.299851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.392063	-6.24596	-.017454	.0038873	69.12414	15.82550	.0054846
Stddev	.021026	.18021	.000888	.0000806	.22626	.09161	.0014600
%RSD	.3289342	2.885173	5.086494	2.072675	.3273192	.5789032	26.62058

#1	6.368515	-6.05588	-.018198	.0038122	68.97430	15.85015	.0042857
#2	6.398718	-6.41433	-.016471	.0038772	69.01372	15.72408	.0050576
#3	6.408956	-6.26767	-.017693	.0039724	69.38441	15.90227	.0071106

Sample Name: I5596-05 Acquired: 10/11/2017 18:37:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XS0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1121441	.0163715	.1445560
Stddev	.0012739	.0002830	.0000562
%RSD	1.135902	1.728672	.0388439

#1	.1129168	.0165700	.1446205
#2	.1106738	.0164972	.1445301
#3	.1128417	.0160475	.1445175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	752.8479	1274.429	35460.10	10639.20	2586.742
Stddev	9.2510	6.975	252.72	22.73	3.934
%RSD	1.228797	.5472799	.7126970	.2136232	.1520676

#1	755.0868	1271.508	35661.66	10644.05	2585.580
#2	742.6830	1282.389	35176.57	10659.11	2591.125
#3	760.7740	1269.389	35542.07	10614.44	2583.519

Sample Name: I5596-06 Acquired: 10/11/2017 18:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001757	-.002015	.0094605	-.001029	-.002172	3.348536	.0235691
Stddev	.003068	.001493	.0024729	.003214	.001625	.008477	.0004947
%RSD	174.6572	74.07508	26.13948	312.4388	74.84734	.2531548	2.098967

#1	.001376	-.000381	.0066388	.000098	-.000801	3.358191	.0233734
#2	-.004756	-.003307	.0104916	.001470	-.003967	3.342316	.0241317
#3	-.001890	-.002358	.0112509	-.004654	-.001747	3.345101	.0232021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001079	.0025813	62.81454	.0114542	.0993766	1.204047	2.948293
Stddev	.0000774	.0001675	.16493	.0003113	.0002902	.001896	.014779
%RSD	71.67835	6.490320	.2625602	2.717645	.2919854	.1575092	.5012896

#1	.0000946	.0026665	62.63182	.0118004	.0991695	1.206186	2.932905
#2	.0000381	.0023883	62.95239	.0111974	.0992520	1.202569	2.962377
#3	.0001911	.0026892	62.85940	.0113648	.0997082	1.203387	2.949598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.490099	13.58000	.0505098	.0008860	4.976202	.0045732	4.465167
Stddev	.007321	.00334	.0005912	.0003444	.045897	.0005898	.022172
%RSD	.4913170	.0246142	1.170480	38.87459	.9223336	12.89777	.4965560

#1	1.490744	13.58202	.0511715	.0012835	4.999944	.0051011	4.447931
#2	1.497077	13.57614	.0500337	.0006762	4.923297	.0039366	4.490180
#3	1.482478	13.58184	.0503241	.0006983	5.005364	.0046818	4.457389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.192066	-4.52195	-.011971	.0011652	68.64831	15.01770	.0048964
Stddev	.049073	.10957	.000456	.0001096	.14234	.01744	.0016710
%RSD	.7925143	2.423167	3.807557	9.402533	.2073405	.1161349	34.12739

#1	6.237954	-4.44708	-.012196	.0011957	68.61218	14.99778	.0049440
#2	6.197914	-4.47106	-.012269	.0010436	68.52752	15.03025	.0065430
#3	6.140332	-4.64772	-.011446	.0012562	68.80523	15.02506	.0032021

Sample Name: I5596-06 Acquired: 10/11/2017 18:41:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4XS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0717522	.0157770	.1461753
Stddev	.0022036	.0001741	.0002541
%RSD	3.071159	1.103732	.1738024

#1	.0734648	.0159151	.1464394
#2	.0725258	.0155814	.1461537
#3	.0692661	.0158345	.1459327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.7337	1287.780	35787.83	10649.52	2607.603
Stddev	4.1166	2.643	34.63	24.81	6.799
%RSD	.5368944	.2052614	.0967759	.2330125	.2607393

#1	771.1533	1290.721	35822.01	10677.13	2613.483
#2	763.0086	1287.015	35752.76	10642.34	2609.169
#3	766.0393	1285.603	35788.70	10629.09	2600.158

Sample Name: I5596-07 Acquired: 10/11/2017 18:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010213	.0031185	.0000062	-.003520	-.001720	-.008952	-.002682
Stddev	.0025710	.0028165	.0016129	.000477	.001181	.000674	.000490
%RSD	251.7383	90.31500	26105.51	13.53973	68.63037	7.531331	18.27738

#1	.0039521	.0060269	.0016828	-.003228	-.002423	-.009544	-.003026
#2	-.000034	.0004039	-.000130	-.004070	-.000357	-.009093	-.002121
#3	-.000854	.0029247	-.001534	-.003261	-.002381	-.008218	-.002899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000615	.0000654	-.017715	-.001380	.0001118	.0035259	-.002413
Stddev	.0000452	.0000561	.006150	.000469	.0001678	.0008564	.002511
%RSD	73.54591	85.83216	34.71753	33.96087	150.1601	24.28830	104.0630

#1	.0001083	.0001167	-.014203	-.000841	.0001073	.0041968	.000199
#2	.0000181	.0000054	-.024816	-.001694	-.000054	.0038196	-.002629
#3	.0000580	.0000740	-.014125	-.001604	.000282	.0025613	-.004809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	.0108111	.0004333	.0003157	-.069683	.0006670	.0014924
Stddev	.000627	.0078869	.0006173	.0002218	.064531	.0013570	.0021838
%RSD	581.9744	72.95191	142.4629	70.23084	92.60717	203.4527	146.3291

#1	-.000783	.0103834	.0001044	.0004250	.001998	-.000216	.0037852
#2	.000456	.0031467	.0000501	.0000606	-.123150	.002230	-.000563
#3	.000004	.0189031	.0011454	.0004617	-.087895	-.000013	.001255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.03087	.1428289	-.009472	-.000321	-.003342	-.002838	-.001099
Stddev	.03502	.1659448	.000654	.000297	.004521	.000708	.002649
%RSD	3.397469	116.1844	6.899791	92.54261	135.2727	24.94509	241.0340

#1	-.99456	.3052328	-.009463	.000021	.001562	-.003410	-.004001
#2	-1.06445	.1496973	-.008823	-.000475	-.007344	-.002046	.001189
#3	-1.03358	-.026444	-.010130	-.000509	-.004245	-.003057	-.000485

Sample Name: I5596-07 Acquired: 10/11/2017 18:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003352	-.000970	-.000239
Stddev	.0003262	.000069	.000020
%RSD	97.32331	7.069541	8.335619

#1	.0006883	-.001011	-.000219
#2	.0000450	-.001007	-.000239
#3	.0002724	-.000891	-.000259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	794.3439	1333.651	37223.96	10866.76	2900.696
Stddev	8.5694	10.731	182.38	41.94	25.700
%RSD	1.078797	.8046135	.4899431	.3859716	.8859926

#1	803.0683	1341.652	37413.15	10848.40	2910.589
#2	794.0251	1337.846	37209.46	10914.75	2919.978
#3	785.9384	1321.457	37049.26	10837.13	2871.519

Sample Name: I5596-12 Acquired: 10/11/2017 18:50:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466118	.0719955	.0668089	.0626399	.1302518	85.78422	.6896833
Stddev	.0029474	.0055616	.0005024	.0013003	.0030438	.14174	.0013244
%RSD	6.323186	7.724922	.7519783	2.075883	2.336897	.1652248	.1920344

#1	.0448141	.0723415	.0673595	.0624571	.1267371	85.62772	.6892746
#2	.0500133	.0662690	.0663754	.0614406	.1320160	85.90394	.6911639
#3	.0450080	.0773761	.0666917	.0640219	.1320023	85.82100	.6886113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247136	.0236449	8.023230	.0536795	.7101336	.0712219	.8440473
Stddev	.0003017	.0001905	.059444	.0005270	.0024963	.0008023	.0043062
%RSD	1.220623	.8058068	.7408967	.9818142	.3515243	1.126505	.5101795

#1	.0246553	.0237742	7.966794	.0530815	.7088942	.0721204	.8458383
#2	.0250401	.0234261	8.017614	.0540765	.7084995	.0705770	.8391348
#3	.0244453	.0237343	8.085283	.0538805	.7130070	.0709684	.8471690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0754418	7.665904	.0772222	.0312930	7.536901	.1577021	.7964449
Stddev	.0004883	.079840	.0008585	.0001717	.019812	.0001610	.0166895
%RSD	.6472195	1.041491	1.111728	.5487732	.2628629	.1020979	2.095503

#1	.0751786	7.575321	.0767378	.0314513	7.519612	.1575215	.8090809
#2	.0751415	7.696345	.0767152	.0313174	7.558519	.1578305	.8027281
#3	.0760051	7.726045	.0782134	.0311104	7.532571	.1577544	.7775258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.236548	.0410538	-.011934	-.000505	-.023064	-.003050	.0032596
Stddev	.039909	.2501849	.001280	.000140	.004209	.001802	.0015810
%RSD	.6399170	609.4071	10.72466	27.80704	18.25118	59.09462	48.50340

#1	6.198206	.2504726	-.011752	-.000345	-.018440	-.001044	.0046506
#2	6.277858	-.235993	-.013295	-.000564	-.026674	-.004533	.0035881
#3	6.233581	.108682	-.010755	-.000606	-.024077	-.003572	.0015401

Sample Name: I5596-12 Acquired: 10/11/2017 18:50:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XS7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000290	-.000692	.0028460
Stddev	.000074	.000160	.0000216
%RSD	25.70774	23.03975	.7580883

#1	-.000239	-.000509	.0028704
#2	-.000375	-.000795	.0028297
#3	-.000255	-.000774	.0028379

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.9060	1268.454	35331.34	10464.68	2569.149
Stddev	3.3098	1.481	77.91	39.37	6.578
%RSD	.4372818	.1167358	.2205264	.3761934	.2560372

#1	753.0865	1266.935	35295.34	10508.82	2568.755
#2	758.6990	1269.893	35277.95	10433.20	2575.915
#3	758.9325	1268.534	35420.75	10452.02	2562.776

Sample Name: I5512-01 Acquired: 10/11/2017 18:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010675	-.000232	.0018265	-.000605	-.000619	.0323956	.0536004
Stddev	.0032291	.002264	.0014412	.001728	.001382	.0030908	.0002223
%RSD	302.5091	975.5615	78.90515	285.5987	223.1962	9.540645	.4147291

#1	.0021793	-.000930	.0033516	.000586	-.001548	.0358593	.0537941
#2	-.002571	-.002065	.0004873	.000186	.000969	.0299187	.0533577
#3	.003594	.002299	.0016405	-.002586	-.001278	.0314090	.0536493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000267	-.000052	91.75086	.0009743	-.001353	.0026815	.0113814
Stddev	.0000569	.000041	.16534	.0005418	.000225	.0001263	.0037256
%RSD	212.9916	79.04071	.1802072	55.61046	16.65263	4.708490	32.73405

#1	.0000924	-.000018	91.94176	.0008759	-.001227	.0027387	.0153192
#2	-.000009	-.000098	91.65319	.0015586	-.001220	.0027690	.0079124
#3	-.000004	-.000040	91.65762	.0004884	-.001614	.0025368	.0109125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165721	16.97646	.0030112	.0005025	63.81022	.0013848	.0063808
Stddev	.0002907	.11227	.0000857	.0001599	.41096	.0024893	.0027083
%RSD	1.753975	.6613058	2.847830	31.82889	.6440370	179.7616	42.44511

#1	.0169076	16.84696	.0031097	.0006016	63.39435	-.001478	.0094828
#2	.0164102	17.03607	.0029528	.0005878	63.82021	.002596	.0044858
#3	.0163984	17.04635	.0029712	.0003180	64.21609	.003037	.0051738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8738538	-.813580	.0972417	.0142287	14.75607	5.185302	-.002413
Stddev	.0232833	.194727	.0010085	.0003511	.12576	.021973	.003541
%RSD	2.664436	23.93454	1.037113	2.467695	.8522464	.4237528	146.7743

#1	.8872635	-.701366	.0960950	.0141060	14.86744	5.165110	-.006486
#2	.8469686	-1.03843	.0976392	.0139555	14.61968	5.182092	-.000064
#3	.8873292	-.70094	.0979909	.0146248	14.78107	5.208703	-.000688

Sample Name: I5512-01 Acquired: 10/11/2017 18:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000788	.0066494	.1158796
Stddev	.000456	.0002959	.0002181
%RSD	57.96387	4.449948	.1882595

#1	-.001302	.0066795	.1156565
#2	-.000430	.0069291	.1160924
#3	-.000630	.0063396	.1158899

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	705.6195	1176.951	33416.98	10394.35	2387.747
Stddev	6.1889	6.893	106.39	21.98	15.971
%RSD	.8770894	.5856738	.3183734	.2115077	.6688923

#1	698.9215	1171.259	33302.20	10393.00	2374.307
#2	706.8109	1184.615	33436.46	10416.98	2405.404
#3	711.1261	1174.981	33512.29	10373.08	2383.531

Sample Name: I5512-02 Acquired: 10/11/2017 18:58:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128120	-.002895	.0627620	.0010332	-.000694	1.486163	.0998754
Stddev	.0041739	.003099	.0001074	.0005015	.001202	.005427	.0002020
%RSD	32.57830	107.0588	.1711864	48.53868	173.2965	.3651549	.2022398

#1	.0083055	-.004652	.0628547	.0015727	-.001057	1.485260	.1001028
#2	.0135854	-.004715	.0627871	.0005811	-.001673	1.491985	.0998066
#3	.0165452	.000684	.0626443	.0009459	.000648	1.481244	.0997168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001650	.0007180	204.8268	.0317691	.0540246	.0259672	6.575156
Stddev	.0000735	.0001207	.4454	.0009289	.0003864	.0007345	.001871
%RSD	44.55775	16.81179	.2174329	2.923970	.7151500	2.828616	.0284533

#1	.0002110	.0008569	205.2721	.0309371	.0535815	.0265470	6.577186
#2	.0002037	.0006585	204.3814	.0315988	.0542908	.0262135	6.574782
#3	.0000802	.0006386	204.8268	.0327713	.0542016	.0251412	6.573501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.442100	63.81044	.0929202	.0009319	94.75560	.0074808	.1967628
Stddev	.004197	.04336	.0005253	.0001893	.62957	.0016443	.0025543
%RSD	.2910332	.0679549	.5652862	20.31351	.6644138	21.98072	1.298143

#1	1.444600	63.80317	.0928951	.0011318	94.40897	.0071352	.1954068
#2	1.437254	63.77117	.0924080	.0007553	94.37552	.0060368	.1997092
#3	1.444446	63.85698	.0934577	.0009086	95.48230	.0092705	.1951725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.588895	-9.36136	.3034686	.0124930	22.89451	6.388766	-.007617
Stddev	.029730	.14462	.0013360	.0001625	.19240	.025243	.001253
%RSD	1.148359	1.544898	.4402577	1.300837	.8403813	.3951165	16.45064

#1	2.556682	-9.30062	.3033212	.0126029	22.92407	6.381114	-.006381
#2	2.615277	-9.52645	.3048722	.0123063	22.68904	6.368234	-.008887
#3	2.594726	-9.25702	.3022123	.0125698	23.07042	6.416949	-.007584

Sample Name: I5512-02 Acquired: 10/11/2017 18:58:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0422544	.0223383	.2206707
Stddev	.0007414	.0003027	.0001773
%RSD	1.754563	1.355015	.0803210

#1	.0416603	.0221109	.2204694
#2	.0420176	.0222221	.2207392
#3	.0430852	.0226819	.2208035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	683.3589	1158.608	32447.13	10234.36	2244.885
Stddev	3.6398	4.680	17.32	20.46	1.375
%RSD	.5326301	.4039592	.0533801	.1998945	.0612418

#1	687.5466	1158.500	32433.41	10253.75	2243.372
#2	681.5731	1153.982	32466.59	10212.98	2245.224
#3	680.9569	1163.341	32441.38	10236.37	2246.059

Sample Name: I5512-03 Acquired: 10/11/2017 19:02:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041546	-.005817	.1897663	.0074281	-.000463	1.321609	.0976647
Stddev	.0030354	.004194	.0026118	.0028643	.001820	.006946	.0007348
%RSD	73.06267	72.08581	1.376342	38.55990	393.0587	.5255727	.7523637

#1	.0072818	-.010258	.1906890	.0093223	.001265	1.329369	.0984349
#2	.0012200	-.005268	.1868184	.0088291	-.002364	1.319486	.0975880
#3	.0039620	-.001925	.1917916	.0041330	-.000291	1.315972	.0969713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003105	.0032200	112.1860	.1132589	.0361053	.0658817	18.17072
Stddev	.0000278	.0000510	.4095	.0001559	.0004556	.0006646	.11129
%RSD	8.942289	1.584607	.3650261	.1376461	1.261993	1.008731	.6124861

#1	.0003378	.0032716	111.7361	.1131625	.0365296	.0654064	18.10022
#2	.0003116	.0032186	112.5370	.1134388	.0361626	.0655977	18.11292
#3	.0002823	.0031696	112.2850	.1131755	.0356237	.0666411	18.29903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9833595	22.18942	.0729730	.0011366	101.9431	.0046802	1.015765
Stddev	.0009395	.02554	.0006402	.0004333	.2681	.0028098	.007460
%RSD	.0955393	.1150993	.8773703	38.12133	.2630068	60.03654	.7344401

#1	.9831188	22.16028	.0734664	.0011937	101.6713	.0014358	1.009540
#2	.9843960	22.20792	.0732031	.0015386	102.2074	.0063257	1.013721
#3	.9825639	22.20005	.0722495	.0006776	101.9505	.0062790	1.024034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9010084	-10.5601	.9968708	.0081061	13.09038	7.586610	-.004954
Stddev	.0208282	.2027	.0022510	.0000987	.05278	.022883	.003204
%RSD	2.311657	1.919483	.2258072	1.217411	.4031592	.3016237	64.66214

#1	.9155027	-10.7893	.9985132	.0081693	13.10775	7.612514	-.008145
#2	.8771404	-10.4043	.9943049	.0079924	13.03111	7.569145	-.001738
#3	.9103820	-10.4867	.9977944	.0081566	13.13228	7.578171	-.004980

Sample Name: I5512-03 Acquired: 10/11/2017 19:02:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0276521	.0041579	.2008484
Stddev	.0007286	.0002570	.0003005
%RSD	2.634706	6.180198	.1496273

#1	.0282930	.0043118	.2006351
#2	.0278034	.0038613	.2007182
#3	.0268597	.0043007	.2011921

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	699.0219	1175.809	33130.89	10325.42	2306.402
Stddev	12.2677	15.366	201.49	25.38	25.132
%RSD	1.754979	1.306853	.6081760	.2457803	1.089658

#1	712.6997	1183.865	33322.71	10354.46	2316.864
#2	688.9916	1185.471	32920.95	10307.53	2324.612
#3	695.3744	1158.090	33149.01	10314.26	2277.729

Sample Name: I5512-04 Acquired: 10/11/2017 19:06:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035175	.0003256	.0041233	-.001144	-.000894	.0068337	.0524720
Stddev	.0036883	.0007755	.0010729	.002698	.000612	.0053989	.0000761
%RSD	104.8552	238.2164	26.02069	235.7850	68.48901	79.00492	.1450189

#1	.0077625	-.000524	.0029589	-.004186	-.000763	.0113668	.0524336
#2	.0016929	.000505	.0043389	-.000209	-.000358	.0082735	.0525596
#3	.0010972	.000996	.0050719	.000962	-.001561	.0008608	.0524227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000084	89.98406	.0014405	-.001583	.0031413	.0151834
Stddev	.000090	.000071	.25000	.0004720	.000116	.0001490	.0058431
%RSD	266.8421	85.10292	.2778241	32.76576	7.354560	4.743166	38.48337

#1	-.000076	-.000002	90.11406	.0015538	-.001615	.0029956	.0197028
#2	-.000094	-.000121	89.69584	.0009222	-.001454	.0031349	.0172621
#3	.000069	-.000129	90.14226	.0018456	-.001680	.0032934	.0085851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209744	16.00328	.0035880	.0004997	60.77739	.0005451	.0021042
Stddev	.0003444	.02512	.0001394	.0003605	.35800	.0004161	.0015427
%RSD	1.642155	.1569642	3.885294	72.14070	.5890429	76.32724	73.31593

#1	.0206783	16.02833	.0036312	.0002872	61.17926	.0004260	.0005100
#2	.0213524	16.00340	.0037007	.0002960	60.49252	.0002016	.0035896
#3	.0208924	15.97810	.0034321	.0009160	60.66038	.0010077	.0022130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7785167	-.655344	.0958455	.0134710	14.15495	5.051655	-.002263
Stddev	.0236830	.323762	.0007876	.0002386	.04391	.027462	.000902
%RSD	3.042064	49.40344	.8217605	1.771332	.3102258	.5436262	39.87363

#1	.7905604	-.294024	.0949423	.0136209	14.11083	5.072869	-.002142
#2	.7512323	-.752890	.0963895	.0131958	14.15538	5.020636	-.001428
#3	.7937574	-.919118	.0962046	.0135962	14.19865	5.061460	-.003220

Sample Name: I5512-04 Acquired: 10/11/2017 19:06:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METN98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000852	.0061283	.1107431
Stddev	.000253	.0006808	.0000597
%RSD	29.67504	11.10865	.0538992

#1	-.000626	.0067366	.1108055
#2	-.000806	.0062554	.1107375
#3	-.001126	.0053929	.1106865

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	732.3083	1242.359	34314.77	10471.72	2464.386
Stddev	2.7717	5.381	245.42	13.79	7.709
%RSD	.3784832	.4331198	.7151931	.1316799	.3128290

#1	732.2463	1248.404	34303.47	10472.64	2473.287
#2	735.1104	1240.579	34565.64	10485.03	2460.046
#3	729.5681	1238.094	34075.20	10457.50	2459.825

Sample Name: I5512-05 Acquired: 10/11/2017 19:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082832	-.001337	.0057195	-.000337	-.000967	.0419392	.0416655
Stddev	.0031470	.004440	.0014029	.002389	.001442	.0022468	.0004910
%RSD	37.99273	332.2225	24.52818	709.6946	149.0624	5.357400	1.178385

#1	.0095120	-.002356	.0043961	-.001927	-.001483	.0415817	.0420540
#2	.0047072	.003525	.0055722	.002411	.000662	.0398925	.0418289
#3	.0106304	-.005178	.0071902	-.001494	-.002080	.0443434	.0411137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	.0000573	13.55491	-.000047	-.000988	.0022592	.0198225
Stddev	.000074	.0001498	.05824	.000463	.000181	.0010796	.0038189
%RSD	59.83432	261.2701	.4296499	984.9940	18.33707	47.78851	19.26528

#1	-.000046	-.000073	13.58913	.000241	-.001004	.0010305	.0163537
#2	-.000133	.000025	13.48767	.000199	-.000799	.0026908	.0239147
#3	-.000194	.000221	13.58794	-.000581	-.001161	.0030562	.0191990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004948	.3851501	.0017607	.0002369	50.17424	-.002312	.0014878
Stddev	.0002223	.0139320	.0004236	.0001011	.41833	.002466	.0052004
%RSD	44.93404	3.617283	24.05961	42.66327	.8337644	106.6827	349.5349

#1	.0007498	.3805003	.0022472	.0002940	49.84426	-.005128	.0072435
#2	.0003417	.3741375	.0015622	.0002964	50.03372	-.000539	-.002872
#3	.0003928	.4008122	.0014728	.0001202	50.64474	-.001269	.000092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.17798	-.754141	.0993653	.1867607	9.325531	16.46519	.0007897
Stddev	.37334	.166280	.0024416	.0007349	.026146	.12789	.0015520
%RSD	.9778822	22.04897	2.457231	.3934768	.2803748	.7767551	196.5210

#1	37.77974	-.944818	.0978368	.1866045	9.344027	16.34783	.0001392
#2	38.23416	-.678318	.0980779	.1861166	9.295618	16.44625	-.000331
#3	38.52005	-.639287	.1021812	.1875612	9.336948	16.60150	.002561

Sample Name: I5512-05 Acquired: 10/11/2017 19:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009720	.1900043	.1597469
Stddev	.0004257	.0016129	.0004314
%RSD	43.80243	.8488718	.2700516

#1	.0009260	.1881535	.1595719
#2	.0014188	.1907501	.1594304
#3	.0005711	.1911093	.1602383

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	729.3424	1226.402	34442.76	10543.61	2504.890
Stddev	3.3127	8.899	68.19	62.62	15.783
%RSD	.4542025	.7256274	.1979750	.5939173	.6300915

#1	730.8880	1229.620	34382.79	10600.00	2515.679
#2	725.5393	1233.245	34428.57	10554.60	2512.216
#3	731.5997	1216.342	34516.93	10476.22	2486.775

Sample Name: I5512-06 Acquired: 10/11/2017 19:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030505	-.002480	.0017507	-.002885	-.000290	.0274643	.1098972
Stddev	.0045779	.003502	.0015709	.003619	.001290	.0065055	.0002009
%RSD	150.0705	141.2264	89.73250	125.4377	445.6291	23.68722	.1827710

#1	.0012651	.001535	.0032868	-.007025	-.001774	.0200384	.1098615
#2	.0082521	-.004906	.0018181	-.000326	.000347	.0321593	.1097166
#3	-.000366	-.004068	.0001472	-.001303	.000559	.0301952	.1101135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000111	.0000390	103.3312	.0025580	-.001200	.0029554	1.209735
Stddev	.0000915	.0001623	.1739	.0004627	.000374	.0007009	.012878
%RSD	825.6721	416.3760	.1682774	18.08680	31.19461	23.71617	1.064550

#1	.0000196	-.000142	103.1383	.0029562	-.001469	.0024235	1.198175
#2	.0000981	.000089	103.4760	.0020505	-.001358	.0026931	1.223616
#3	-.000084	.000170	103.3792	.0026672	-.000772	.0037496	1.207414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481729	40.40736	.0023502	.0003734	28.55794	.0002872	-.000760
Stddev	.0004432	.30232	.0002137	.0001336	.10295	.0012728	.004870
%RSD	.9200884	.7481836	9.094952	35.78211	.3604904	443.1522	640.6914

#1	.0479727	40.05918	.0021091	.0003476	28.44349	-.000978	-.005962
#2	.0478652	40.55959	.0025164	.0005181	28.64299	.000273	-.000010
#3	.0486810	40.60331	.0024252	.0002546	28.58735	.001567	.003691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.285669	-1.06408	.3730573	.0039273	25.34762	5.287591	-.002100
Stddev	.017740	.17094	.0014340	.0005107	.09924	.006214	.000967
%RSD	.4139380	16.06495	.3843909	13.00462	.3915267	.1175230	46.06471

#1	4.265205	-1.13943	.3720464	.0045004	25.24739	5.294322	-.001743
#2	4.295125	-.86841	.3724270	.0037611	25.34964	5.282073	-.001362
#3	4.296678	-1.18440	.3746985	.0035203	25.44584	5.286376	-.003195

Sample Name: I5512-06 Acquired: 10/11/2017 19:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000602	.0156248	.7394460
Stddev	.000485	.0004633	.0011187
%RSD	80.50700	2.965260	.1512887

#1	-.000665	.0161566	.7385274
#2	-.001053	.0153084	.7391187
#3	-.000089	.0154095	.7406918

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	700.1093	1186.862	33404.48	10353.15	2410.173
Stddev	4.7708	4.288	44.45	35.65	8.619
%RSD	.6814379	.3612581	.1330751	.3443396	.3576247

#1	705.6028	1190.950	33403.17	10392.64	2420.126
#2	697.0059	1182.400	33360.70	10343.49	2405.149
#3	697.7193	1187.235	33449.58	10323.33	2405.245

Sample Name: I5512-07 Acquired: 10/11/2017 19:18:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006988	-.001706	.0031488	-.005736	-.002242	.0068223	.0703244
Stddev	.0018168	.002501	.0015842	.000839	.000927	.0024674	.0003334
%RSD	259.9907	146.6153	50.31100	14.62199	41.34411	36.16722	.4740879

#1	.0001558	-.004553	.0048023	-.006408	-.001946	.0063077	.0705664
#2	-.000785	-.000696	.0016445	-.004796	-.001499	.0095064	.0704627
#3	.002725	.000132	.0029997	-.006005	-.003281	.0046527	.0699441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.000007	119.7719	.0007520	-.001797	.0022030	1.848749
Stddev	.000052	.000107	.5670	.0006207	.000334	.0001025	.005149
%RSD	115.4192	1633.498	.4733925	82.53102	18.57164	4.654607	.2785267

#1	.000003	.000071	120.1808	.0013463	-.001843	.0021766	1.842887
#2	-.000038	-.000128	120.0102	.0008019	-.002105	.0021163	1.852543
#3	-.000100	.000038	119.1246	.0001080	-.001442	.0023162	1.850817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643446	42.46121	.0024338	.0006229	37.50117	.0000665	.0140009
Stddev	.0007127	.43299	.0005289	.0004052	.41798	.0017040	.0011522
%RSD	1.107614	1.019720	21.73359	65.05296	1.114576	2562.069	8.229172

#1	.0639759	42.53444	.0018232	.0009066	37.37308	.0004271	.0153139
#2	.0651662	42.85290	.0027249	.0008032	37.96820	.0015613	.0131588
#3	.0638918	41.99627	.0027531	.0001588	37.16222	-.001789	.0135299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991755	-1.45917	.3597289	.0118399	34.26550	6.443715	-.004339
Stddev	.050163	.38884	.0046650	.0001994	.03003	.062275	.000092
%RSD	1.676705	26.64801	1.296804	1.683814	.0876274	.9664430	2.113797

#1	2.990126	-1.86851	.3630201	.0116973	34.23183	6.447222	-.004260
#2	3.042712	-1.41426	.3617762	.0117547	34.28950	6.504162	-.004317
#3	2.942426	-1.09473	.3543903	.0120677	34.27518	6.379761	-.004440

Sample Name: I5512-07 Acquired: 10/11/2017 19:18:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METN94 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000344	.0226669	.6622914
Stddev	.000638	.0002456	.0050352
%RSD	185.4786	1.083737	.7602655

#1	-.000051	.0225304	.6631775
#2	-.001075	.0229505	.6668248
#3	.000095	.0225199	.6568720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	690.5767	1157.713	33031.44	10392.71	2364.653
Stddev	4.3277	7.236	90.17	83.42	10.636
%RSD	.6266844	.6250210	.2729843	.8026551	.4497917

#1	694.7348	1165.847	33135.52	10386.10	2375.095
#2	686.0973	1155.301	32981.66	10312.79	2365.031
#3	690.8980	1151.992	32977.12	10479.23	2353.833

Sample Name: I5512-08 Acquired: 10/11/2017 19:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084569	-.003575	.0026112	-.002314	-.000463	.0079491	.1122501
Stddev	.0048125	.003090	.0007700	.006474	.000716	.0036353	.0005356
%RSD	56.90613	86.45539	29.48817	279.7539	154.5141	45.73156	.4771256

#1	.0063241	-.006811	.0020895	-.009311	-.000542	.0110612	.1116336
#2	.0050794	-.000655	.0022486	.003462	-.001136	.0039536	.1126007
#3	.0139672	-.003258	.0034956	-.001094	.000289	.0088325	.1125161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000095	-.000058	128.0725	.0008042	-.001595	.0024607	1.737549
Stddev	.0001503	.000103	1.2635	.0000595	.000134	.0009268	.031065
%RSD	1576.137	176.7423	.9865684	7.402766	8.410870	37.66434	1.787842

#1	.0000483	.000056	129.0512	.0007807	-.001538	.0023042	1.742008
#2	-.000156	-.000087	128.5203	.0007600	-.001498	.0034558	1.766143
#3	.000137	-.000145	126.6461	.0008719	-.001748	.0016221	1.704495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043909	48.37560	.0005346	.0005617	38.20102	-.000528	.0009749
Stddev	.0004544	.43716	.0002623	.0005626	.14107	.003056	.0013704
%RSD	.4352781	.9036792	49.06097	100.1695	.3692853	579.0018	140.5599

#1	.1047698	48.87852	.0008076	.0000356	38.35191	-.003819	.0002697
#2	.1045157	48.08652	.0002845	.0011548	38.17874	.000016	.0001008
#3	.1038871	48.16178	.0005118	.0004946	38.07242	.002219	.0025543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306632	-.859784	.0806324	.0190064	38.01619	7.520964	-.002424
Stddev	.025137	.288965	.0010972	.0007853	.10608	.024844	.001086
%RSD	1.923768	33.60905	1.360797	4.131546	.2790475	.3303265	44.82014

#1	1.304199	-.856236	.0815241	.0185462	37.99000	7.506014	-.003403
#2	1.332896	-.572608	.0809660	.0185599	37.92566	7.549643	-.002612
#3	1.282800	-1.15051	.0794070	.0199131	38.13292	7.507236	-.001256

Sample Name: I5512-08 Acquired: 10/11/2017 19:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METN95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001151	.0129082	.6479672
Stddev	.000199	.0003764	.0014655
%RSD	17.25143	2.916176	.2261607

#1	-.000930	.0131251	.6492914
#2	-.001313	.0131261	.6482174
#3	-.001211	.0124736	.6463927

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	686.1846	1147.241	32952.01	10142.75	2336.213
Stddev	7.8552	8.358	352.04	34.26	15.993
%RSD	1.144768	.7285736	1.068352	.3378015	.6845786

#1	681.2696	1156.862	32733.66	10129.74	2354.589
#2	695.2441	1141.765	33358.13	10116.90	2328.614
#3	682.0402	1143.096	32764.24	10181.61	2325.436

Sample Name: I5512-09 Acquired: 10/11/2017 19:27:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004146	-.001176	-.000270	-.001706	-.002233	.0008984	.0505391
Stddev	.0025366	.001944	.000518	.002859	.000896	.0062478	.0005972
%RSD	611.7908	165.3179	191.8538	167.5838	40.10039	695.4097	1.181676

#1	.0013688	-.000931	-.000868	-.002924	-.001919	.0074018	.0498497
#2	-.002461	-.003230	.000046	.001560	-.003244	-.005058	.0508984
#3	.002336	.000634	.000012	-.003755	-.001537	.000351	.0508692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000344	-.000066	68.08951	.0010980	-.000797	.0048829	.0225995
Stddev	.0000363	.000032	.90238	.0000968	.000365	.0002240	.0054814
%RSD	105.4520	47.89982	1.325288	8.812509	45.77918	4.586895	24.25433

#1	.0000548	-.000044	67.40030	.0012089	-.001198	.0051312	.0280889
#2	-.000007	-.000052	67.75734	.0010544	-.000484	.0048212	.0225832
#3	.000056	-.000103	69.11090	.0010308	-.000711	.0046962	.0171263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462816	24.09328	.0099314	.0006994	36.85999	-.001960	.0047266
Stddev	.0012467	.44574	.0005526	.0001213	.48646	.002336	.0057816
%RSD	2.693821	1.850042	5.564023	17.34230	1.319751	119.1463	122.3209

#1	.0450327	23.64186	.0094018	.0005715	36.39562	-.004560	-.001430
#2	.0462860	24.10488	.0098880	.0008128	36.81847	-.000037	.005570
#3	.0475261	24.53310	.0105044	.0007140	37.36588	-.001285	.010040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.146067	-1.44801	.1436487	.0750943	12.68536	3.947903	-.000520
Stddev	.057326	.14496	.0018087	.0004924	.09754	.062281	.003578
%RSD	2.671226	10.01085	1.259104	.6557578	.7689055	1.577579	688.5250

#1	2.079977	-1.47664	.1417579	.0748653	12.68909	3.904973	-.002572
#2	2.182335	-1.57651	.1453623	.0747581	12.58602	3.919401	-.002598
#3	2.175889	-1.29087	.1438259	.0756596	12.78099	4.019335	.003611

Sample Name: I5512-09 Acquired: 10/11/2017 19:27:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METNA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000172	.0033370	.2372335
Stddev	.0004412	.0002660	.0040319
%RSD	2573.414	7.972403	1.699564

#1	.0005264	.0030816	.2334743
#2	-.000251	.0033170	.2367346
#3	-.000224	.0036125	.2414918

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.1991	1237.048	34309.19	10396.54	2505.182
Stddev	.4441	5.046	74.22	150.04	8.493
%RSD	.0610750	.4079237	.2163148	1.443160	.3390320

#1	726.6934	1242.209	34232.06	10513.38	2510.802
#2	727.5259	1236.810	34315.43	10448.90	2509.331
#3	727.3780	1232.125	34380.09	10227.33	2495.411

Sample Name: I5512-10 Acquired: 10/11/2017 19:31:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029847	-.001655	.0021830	-.001575	-.001970	.0049210	.0696411
Stddev	.0047573	.001122	.0019365	.002660	.000819	.0011436	.0002932
%RSD	159.3902	67.75737	88.70917	168.8644	41.57341	23.23849	.4210432

#1	.0078373	-.000579	.0039226	.000978	-.001147	.0048771	.0694690
#2	.0027879	-.002818	.0025297	-.004330	-.001979	.0038000	.0694746
#3	-.001671	-.001569	.0000965	-.001373	-.002785	.0060859	.0699796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000268	.0000330	120.1300	.0012287	-.001519	.0024470	1.753554
Stddev	.0000158	.0000560	.6776	.0002076	.000112	.0004608	.014999
%RSD	58.75997	169.4087	.5640828	16.89203	7.347006	18.82888	.8553288

#1	.0000088	.0000626	120.7432	.0014505	-.001557	.0022667	1.765528
#2	.0000336	.0000681	120.2442	.0011963	-.001606	.0029707	1.758404
#3	.0000380	-.000032	119.4025	.0010392	-.001393	.0021037	1.736731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617266	41.29160	.0022690	.0007921	35.19649	-.000277	.0116971
Stddev	.0003555	.28124	.0008545	.0003650	.03054	.001029	.0028108
%RSD	.5758997	.6811007	37.65797	46.07979	.0867653	371.2971	24.03000

#1	.0620699	41.48506	.0014207	.0012082	35.17304	-.001398	.0138591
#2	.0613601	41.42076	.0022568	.0006420	35.23103	-.000057	.0127125
#3	.0617497	40.96899	.0031295	.0005261	35.18541	.000624	.0085197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.792689	-1.13051	.3421550	.0098331	33.44192	6.398944	-.003242
Stddev	.020963	.16204	.0011935	.0002844	.06587	.014749	.000983
%RSD	.7506401	14.33300	.3488224	2.892673	.1969776	.2304925	30.31875

#1	2.772846	-1.00604	.3435291	.0101124	33.38128	6.413744	-.003306
#2	2.814617	-1.07176	.3415588	.0098431	33.51200	6.398841	-.002229
#3	2.790604	-1.31372	.3413771	.0095438	33.43248	6.384246	-.004191

Sample Name: I5512-10 Acquired: 10/11/2017 19:31:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METNA3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000757	.0211387	.6368776
Stddev	.000192	.0004100	.0004991
%RSD	25.31450	1.939670	.0783671

#1	-.000898	.0210245	.6374490
#2	-.000834	.0207979	.6365267
#3	-.000539	.0215937	.6366571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	717.1199	1215.882	33739.10	10398.79	2419.782
Stddev	1.1141	5.574	69.09	41.91	7.733
%RSD	.1553576	.4584375	.2047639	.4030426	.3195642

#1	717.9001	1216.060	33786.11	10360.26	2422.840
#2	717.6157	1221.365	33771.40	10392.69	2425.519
#3	715.8440	1210.221	33659.78	10443.41	2410.988

Sample Name: I5512-11 Acquired: 10/11/2017 19:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001340	.0004353	.0019892	-.002357	-.000006	.0107770	.1359082
Stddev	.001854	.0006512	.0008941	.003993	.000179	.0024638	.0005742
%RSD	138.4089	149.5788	44.94539	169.3899	2843.434	22.86176	.4225065

#1	-.002247	.0011465	.0018811	-.006966	.000199	.0133624	.1365063
#2	-.002566	.0002914	.0029325	.000033	-.000088	.0105125	.1358572
#3	.000794	-.000132	.0011542	-.000138	-.000130	.0084562	.1353612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000087	108.5750	.0014031	-.001758	.0022914	.7519825
Stddev	.000076	.000078	.6238	.0003579	.000348	.0003984	.0171830
%RSD	7681.092	89.47989	.5744909	25.51163	19.80830	17.38522	2.285025

#1	.000060	-.000168	108.3880	.0010923	-.001763	.0018339	.7411821
#2	-.000086	-.000013	108.0661	.0013224	-.001407	.0024782	.7429684
#3	.000023	-.000081	109.2709	.0017945	-.002103	.0025620	.7717968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675829	34.71660	.0016859	.0002871	41.17083	-.001878	-.000228
Stddev	.0007607	.29329	.0004061	.0001492	.29091	.004651	.006260
%RSD	1.125633	.8448221	24.08774	51.95841	.7065882	247.6098	2743.878

#1	.0673524	34.45628	.0014108	.0002193	40.84794	-.003995	.005737
#2	.0669640	34.65914	.0021523	.0004582	41.25208	-.005095	-.006747
#3	.0684322	35.03437	.0014945	.0001839	41.41248	.003454	.000325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.467984	-4.07441	.1918273	.0215326	27.39338	6.009225	-.003542
Stddev	.013671	.44158	.0013265	.0000134	.06352	.010520	.000758
%RSD	.5539184	10.83780	.6914964	.0622625	.2318786	.1750720	21.39106

#1	2.464005	-3.72885	.1923685	.0215406	27.34363	6.000329	-.004067
#2	2.456745	-4.57189	.1927975	.0215171	27.37159	6.006508	-.002673
#3	2.483203	-3.92248	.1903157	.0215400	27.46493	6.020837	-.003885

Sample Name: I5512-11 Acquired: 10/11/2017 19:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000986	.0301620	.3829498
Stddev	.000065	.0002013	.0012625
%RSD	6.578813	.6673776	.3296717

#1	-.000933	.0301556	.3817229
#2	-.000967	.0299640	.3828815
#3	-.001058	.0303664	.3842451

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	718.7456	1210.604	33866.19	10403.48	2431.170
Stddev	4.7670	4.834	27.12	48.20	6.430
%RSD	.6632440	.3993080	.0800668	.4633093	.2644722

#1	719.8268	1211.218	33864.90	10450.34	2433.482
#2	722.8792	1215.102	33893.93	10406.04	2436.125
#3	713.5308	1205.493	33839.74	10354.05	2423.904

Sample Name: I5512-12 Acquired: 10/11/2017 19:39:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052826	-.001695	.0016810	.0017534	-.001676	.0095352	.1166022
Stddev	.0036753	.002634	.0006993	.0027051	.000533	.0020860	.0001530
%RSD	69.57352	155.3789	41.60016	154.2793	31.82434	21.87648	.1311963

#1	.0013161	.001258	.0008964	.0034871	-.001335	.0071356	.1164360
#2	.0085727	-.002542	.0022387	.0031366	-.002290	.0105547	.1166333
#3	.0059591	-.003802	.0019080	-.001364	-.001401	.0109154	.1167372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000288	-.000284	134.9838	.0011470	-.001593	.0060435	1.795776
Stddev	.0000828	.000157	.5065	.0003793	.000112	.0009987	.014760
%RSD	287.3165	55.16312	.3752178	33.07218	7.014138	16.52518	.8219206

#1	-.000061	-.000257	134.8307	.0011955	-.001720	.0054490	1.789393
#2	.000046	-.000452	134.5714	.0007457	-.001508	.0054850	1.785281
#3	.000101	-.000142	135.5491	.0014996	-.001551	.0071965	1.812653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1090181	49.74274	.0008600	.0006968	39.50609	-.000426	.0070222
Stddev	.0009386	.14513	.0004016	.0002066	.17967	.001185	.0061782
%RSD	.8609855	.2917686	46.70422	29.65278	.4547811	278.2956	87.98100

#1	.1080076	49.58972	.0006026	.0007538	39.32095	-.001738	.0097776
#2	.1098628	49.87843	.0013228	.0008689	39.51758	-.000106	.0113432
#3	.1091838	49.76008	.0006546	.0004677	39.67973	.000566	-.000054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.359168	-.778774	.0819394	.0197413	39.49979	7.759630	-.005091
Stddev	.021052	.071779	.0009367	.0003858	.12543	.043259	.001107
%RSD	1.548899	9.216988	1.143213	1.954252	.3175439	.5574842	21.73855

#1	1.335744	-.698250	.0809746	.0193543	39.37421	7.709749	-.004087
#2	1.365250	-.836043	.0819982	.0201259	39.50008	7.782292	-.004909
#3	1.376509	-.802029	.0828453	.0197436	39.62507	7.786850	-.006278

Sample Name: I5512-12 Acquired: 10/11/2017 19:39:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METNA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000629	.0137463	.6695691
Stddev	.000321	.0006125	.0014931
%RSD	51.08304	4.456009	.2230005

#1	-.000963	.0131208	.6680889
#2	-.000323	.0143450	.6710748
#3	-.000599	.0137733	.6695437

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	688.7094	1159.583	32862.89	10297.68	2344.996
Stddev	1.1942	9.493	101.65	24.62	4.130
%RSD	.1733995	.8186340	.3093078	.2391212	.1761283

#1	687.3446	1168.927	32830.89	10325.98	2349.744
#2	689.2210	1149.948	32781.09	10285.88	2343.008
#3	689.5625	1159.873	32976.69	10281.18	2342.235

Sample Name: CCV048 Acquired: 10/11/2017 19:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.202524	5.181620	24.13691	5.336393	5.357212	384.4024
Stddev	.017225	.018208	.04279	.021562	.016716	1.7227
%RSD	.3310950	.3513962	.1772986	.4040606	.3120336	.4481610

#1	5.209266	5.197734	24.16939	5.360294	5.375589	385.6981
#2	5.215358	5.161867	24.08842	5.318403	5.353136	385.0616
#3	5.182947	5.185259	24.15292	5.330480	5.342910	382.4473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07528	.5290591	2.561765	376.7413	15.37815	2.488657
Stddev	.05897	.0041442	.005130	1.5996	.03810	.004926
%RSD	.5852849	.7833149	.2002490	.4245942	.2477835	.1979401

#1	10.11127	.5318635	2.562484	375.1639	15.40200	2.492698
#2	10.10735	.5310147	2.556313	378.3622	15.39825	2.483170
#3	10.00723	.5242989	2.566497	376.6977	15.33421	2.490104

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90809	398.5317	14.93718	411.2254	2.512321	1.298067
Stddev	.11484	.7031	.05847	.9822	.011377	.003076
%RSD	.7219025	.1764304	.3914135	.2388356	.4528439	.2369358

#1	16.03097	398.1470	14.89141	411.3853	2.515645	1.301585
#2	15.88980	399.3433	15.00304	412.1177	2.499653	1.296728
#3	15.80348	398.1049	14.91707	410.1731	2.521666	1.295888

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.3162	2.534398	15.04859	159.3864	F 6.983076	F 4.214792
Stddev	1.7303	.007349	.11826	.9966	.197061	.020840
%RSD	.4444558	.2899514	.7858329	.6252879	2.821987	.4944538

#1	389.9596	2.526085	14.99040	160.3748	6.789341	4.224388
#2	390.6326	2.540027	14.97071	159.4027	7.183303	4.229106
#3	387.3563	2.537083	15.18467	158.3817	6.976583	4.190883

Sample Name: CCV048 Acquired: 10/11/2017 19:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.314264	5.351799	4.958746	5.096355	5.014989	5.256332
Stddev	.014310	.003508	.034334	.000765	.017005	.045325
%RSD	.2692728	.0655534	.6923853	.0150011	.3390842	.8623003

#1	5.330788	5.348805	4.972376	5.096955	5.009442	5.301561
#2	5.306050	5.355659	4.984171	5.095494	5.034075	5.256525
#3	5.305955	5.350931	4.919690	5.096616	5.001451	5.210911

Elem	Sr4077
Units	ppm
Avg	5.122067
Stddev	.029440
%RSD	.5747700

#1	5.145319
#2	5.131918
#3	5.088965

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	593.8356	1024.910	29349.48	9405.698	1781.081
Stddev	.7891	6.148	15.63	65.110	7.173
%RSD	.1328737	.5998190	.0532571	.6922396	.4027098

#1	593.3109	1018.148	29336.12	9358.083	1772.817
#2	594.7430	1026.420	29345.66	9379.119	1784.737
#3	593.4529	1030.162	29366.67	9479.893	1785.690

Sample Name: CCB048 Acquired: 10/11/2017 19:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011540	-.002698	-.001397	.0024527	-.001079	-.006172	-.002296
Stddev	.0010583	.004138	.000839	.0038360	.000751	.001711	.000295
%RSD	91.70996	153.3348	60.02788	156.3992	69.61556	27.72243	12.86098

#1	-.000061	-.001986	-.000859	-.001152	-.001504	-.007642	-.002577
#2	.001652	.001037	-.002363	.006484	-.000212	-.004294	-.001988
#3	.001871	-.007146	-.000969	.002026	-.001522	-.006579	-.002322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.000017	-.016562	-.000074	.0001546	.0015481	.0059886
Stddev	.000057	.000140	.001984	.000463	.0005475	.0005673	.0029301
%RSD	75.12560	824.9762	11.98227	624.9357	354.0332	36.64723	48.92743

#1	-.000064	-.000048	-.018782	.000281	-.000449	.0018591	.0032530
#2	-.000025	.000136	-.015944	-.000598	.000619	.0008933	.0056322
#3	-.000137	-.000139	-.014960	.000094	.000294	.0018920	.0090806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002265	.0201383	.0000597	.0002813	-.018756	.0001888	-.000822
Stddev	.0002910	.0062927	.0001458	.0001885	.088686	.0018532	.004826
%RSD	128.4949	31.24733	244.2208	67.01628	472.8283	981.4168	587.4780

#1	.0005158	.0181226	-.000085	.0000637	-.015829	.0014715	-.006074
#2	-.000066	.0151005	.000058	.0003847	-.108869	-.001936	.003417
#3	.000230	.0271918	.000207	.0003954	.068429	.001031	.000193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.03098	-.003861	.0021995	.0004028	-.017253	-.005736	.0009856
Stddev	.02050	.141952	.0005241	.0002851	.004194	.000987	.0006649
%RSD	1.988225	3676.633	23.82992	70.78822	24.30607	17.20331	67.46419

#1	-1.05184	-.116000	.0027813	.0003331	-.012630	-.004695	.0013129
#2	-1.01086	.155741	.0020529	.0007163	-.020813	-.006657	.0002205
#3	-1.03023	-.051323	.0017643	.0001590	-.018317	-.005857	.0014236

Sample Name: CCB048 Acquired: 10/11/2017 19:47:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v214) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003450	-.000793	-.000244
Stddev	.0006566	.000294	.000036
%RSD	190.3184	37.04757	14.92295

#1	.0011015	-.000577	-.000203
#2	-.000077	-.001127	-.000256
#3	.000011	-.000674	-.000273

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	797.1446	1328.813	38106.93	11039.98	2895.902
Stddev	4.1690	7.840	72.46	34.51	13.639
%RSD	.5229860	.5899971	.1901575	.3125637	.4709736

#1	798.6461	1332.270	38100.76	11074.08	2904.390
#2	800.3548	1334.330	38182.28	11005.08	2903.146
#3	792.4328	1319.839	38037.75	11040.78	2880.169

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV		ICV		
2	2	1	2	1	Unk	ICB		ICB		
3	3	1	3	1	Unk	ICSA		ICSA		
4	4	1	4	1	Unk	ICSAB		ICSAB		
5	5	1	5	1	Unk	CCV042		CCV042		
6	6	1	6	1	Unk	CCB042		CCB042		
7	7	1	7	1	Unk	PB103062BL		PBS002		
8	8	1	8	1	Unk	PB103062BS		LCS002		
9	9	1	9	1	Unk	I5524-01		MC0AD2		
10	10	1	10	1	Unk	I5524-02		MC0AD3		
11	11	1	11	1	Unk	I5524-04		MC0AD5		
12	12	1	12	1	Unk	I5524-05		MC0AD5D		
13	13	1	1	2	Unk	I5524-06		MC0AD5S		
14	14	1	2	2	Unk	I5524-04LX5		MC0AD5L		
15	15	1	3	2	Unk	PB103057BL		PBS002		
16	16	1	4	2	Unk	PB103057BS		LCS002		
17	17	1	5	2	Unk	I5529-01A		MJJ488A		
18	18	1	6	2	Unk	I5529-06		MJJ491		
19	19	1	7	2	Unk	I5529-07		MJJ4A5		
20	20	1	8	2	Unk	I5570-04		MC0AC3		
21	21	1	9	2	Unk	I5570-05		MC0AC4		
22	22	1	10	2	Unk	I5570-06		MC0AC5		
23	23	1	11	2	Unk	I5570-07		MC0AC6		
24	24	1	12	2	Unk	I5570-08		MC0AC7		
25	25	1	1	3	Unk	I5570-09		MC0AC8		
26	26	1	2	3	Unk	I5570-10		MC0AC8D		
27	27	1	3	3	Unk	CCV043		CCV043		
28	28	1	4	3	Unk	CCB043		CCB043		
29	29	1	5	3	Unk	I5570-11		MC0AC8S		
30	30	1	6	3	Unk	I5570-09LX5		MC0AC8L		
31	31	1	7	3	Unk	I5570-12		MC0AC9		
32	32	1	8	3	Unk	I5570-13		MC0AD0		
33	33	1	9	3	Unk	I5570-14		MC0AD1		
34	34	1	10	3	Unk	I5570-15		MC0AE7		
35	35	1	11	3	Unk	I5570-16		MC0AE8		
36	36	1	12	3	Unk	I5570-17		MC0AF0		
37	37	1	1	4	Unk	I5570-18		MC0AF1		
38	38	1	2	4	Unk	I5570-19		MC0AF4		
39	39	1	3	4	Unk	I5570-20		MC0AF5		
40	40	1	4	4	Unk	I5570-21		MC0AF6		
41	41	1	5	4	Unk	I5570-22		MC0AF7		
42	42	1	6	4	Unk	PB103049BL		PBS002		
43	43	1	7	4	Unk	PB103049BS		LCS002		
44	44	1	8	4	Unk	I5500-16		MB0BW8		
45	45	1	9	4	Unk	I5500-17		MB0BW8D		
46	46	1	10	4	Unk	I5500-18		MB0BW8S		
47	47	1	11	4	Unk	I5500-16LX5		MB0BW8L		
48	48	1	12	4	Unk	PB103050BL		PBS002		
49	49	1	1	5	Unk	PB103050BS		LCS002		
50	50	1	2	5	Unk	CCV044		CCV044		
51	51	1	3	5	Unk	CCB044		CCB044		
52	52	1	4	5	Unk	I5461-09		MB0BQ7		
53	53	1	5	5	Unk	I5461-10		MB0BQ7D		
54	54	1	6	5	Unk	I5461-11		MB0BQ7S		
55	55	1	7	5	Unk	I5461-09LX5		MB0BQ7L		
56	56	1	8	5	Unk	I5461-12		MB0BQ8		
57	57	1	9	5	Unk	I5461-13		MB0BQ9		
58	58	1	10	5	Unk	PB103048BL		PBS002		
59	59	1	11	5	Unk	PB103048BS		LCS002		

	CorrFact	Check	Check Table	Fail Action
1	1	X	ICV1	---
2	1	X	ICB,CCB,PBW,PBS	---
3	1	X	ICSA2	---
4	1	X	ICSAB2	---
5	1	X	CCV1	---
6	1	X	ICB,CCB,PBW,PBS	---
7	1	X	ICB,CCB,PBW,PBS	---
8	1	X	LCSS,LCSW	---
9	1	X	LR WITH 6 POINT	---
10	1	X	LR WITH 6 POINT	---
11	1	X	LR WITH 6 POINT	---
12	1	X	LR WITH 6 POINT	---
13	1	X	LR WITH 6 POINT	---
14	1	X	LR WITH 6 POINT	---
15	1	X	ICB,CCB,PBW,PBS	---
16	1	X	LCSS,LCSW	---
17	1	X	LR WITH 6 POINT	---
18	1	X	LR WITH 6 POINT	---
19	1	X	LR WITH 6 POINT	---
20	1	X	LR WITH 6 POINT	---
21	1	X	LR WITH 6 POINT	---
22	1	X	LR WITH 6 POINT	---
23	1	X	LR WITH 6 POINT	---
24	1	X	LR WITH 6 POINT	---
25	1	X	LR WITH 6 POINT	---
26	1	X	LR WITH 6 POINT	---
27	1	X	CCV1	---
28	1	X	ICB,CCB,PBW,PBS	---
29	1	X	LR WITH 6 POINT	---
30	1	X	LR WITH 6 POINT	---
31	1	X	LR WITH 6 POINT	---
32	1	X	LR WITH 6 POINT	---
33	1	X	LR WITH 6 POINT	---
34	1	X	LR WITH 6 POINT	---
35	1	X	LR WITH 6 POINT	---
36	1	X	LR WITH 6 POINT	---
37	1	X	LR WITH 6 POINT	---
38	1	X	LR WITH 6 POINT	---
39	1	X	LR WITH 6 POINT	---
40	1	X	LR WITH 6 POINT	---
41	1	X	LR WITH 6 POINT	---
42	1	X	ICB,CCB,PBW,PBS	---
43	1	X	LCSS,LCSW	---
44	1	X	LR WITH 6 POINT	---
45	1	X	LR WITH 6 POINT	---
46	1	X	LR WITH 6 POINT	---
47	1	X	LR WITH 6 POINT	---
48	1	X	ICB,CCB,PBW,PBS	---
49	1	X	LCSS,LCSW	---
50	1	X	CCV1	---
51	1	X	ICB,CCB,PBW,PBS	---
52	1	X	LR WITH 6 POINT	---
53	1	X	LR WITH 6 POINT	---
54	1	X	LR WITH 6 POINT	---
55	1	X	LR WITH 6 POINT	---
56	1	X	LR WITH 6 POINT	---
57	1	X	LR WITH 6 POINT	---
58	1	X	ICB,CCB,PBW,PBS	---
59	1	X	LCSS,LCSW	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
60	60	1	12	5	Unk	I5499-01		MB0BR5		
61	61	2	1	1	Unk	I5499-02		MB0BR6		
62	62	2	2	1	Unk	I5499-03		MB0BR7		
63	63	2	3	1	Unk	I5499-04		MB0BR8		
64	64	2	4	1	Unk	I5499-05		MB0BR9		
65	65	2	5	1	Unk	I5499-06		MB0BS0		
66	66	2	6	1	Unk	I5499-07		MB0BS1		
67	67	2	7	1	Unk	I5499-08		MB0BS1D		
68	68	2	8	1	Unk	I5499-09		MB0BS1S		
69	69	2	9	1	Unk	I5499-07LX5		MB0BS1L		
70	70	2	10	1	Unk	PB103082BL		PBS002		
71	71	2	11	1	Unk	PB103082BS		LCS002		
72	72	2	12	1	Unk	CCV045		CCV045		
73	73	2	1	2	Unk	CCB045		CCB045		
74	74	2	2	2	Unk	I5594-14		MB0C23		
75	75	2	3	2	Unk	I5594-15		MB0C23D		
76	76	2	4	2	Unk	I5594-16		MB0C23S		
77	17	1	5	2	Unk	I5529-01A		MJJ488A		
78	77	2	5	2	Unk	I5594-14LX5		MB0C23L		
79	78	2	6	2	Unk	I5594-17		MB0C24		
80	79	2	7	2	Unk	I5594-18		MB0C25		
81	80	2	8	2	Unk	I5594-19		MB0C26		
82	81	2	9	2	Unk	I5594-20		MB0C27		
83	82	2	10	2	Unk	PB103083BL		PBS002		
84	83	2	11	2	Unk	PB103083BS		LCS002		
85	84	2	12	2	Unk	I5590-01		MC0AF8		
86	85	2	1	3	Unk	I5590-02		MC0AF8D		
87	86	2	2	3	Unk	I5590-03		MC0AF8S		
88	87	2	3	3	Unk	I5590-01LX5		MC0AF8L		
89	88	2	4	3	Unk	PB103124BL		PBW001		
90	89	2	5	3	Unk	PB103124BS		LCS001		
91	90	2	6	3	Unk	I5597-01		MA4XR1		
92	91	2	7	3	Unk	I5597-02		MA4XR3		
93	92	2	8	3	Unk	I5597-03		MA4XR5		
94	93	2	9	3	Unk	I5597-04		MA4XR7		
95	89	2	5	3	Unk	PB103124BS		LCS001		
96	94	2	10	3	Unk	CCV046		CCV046		
97	95	2	11	3	Unk	CCB046		CCB046		
98	96	2	12	3	Unk	I5597-07		MA4XS4		
99	97	2	1	4	Unk	I5597-08		MA4XS4D		
100	98	2	2	4	Unk	I5597-09		MA4XS4S		
101	99	2	3	4	Unk	I5597-07LX5		MA4XS4L		
102	100	2	4	4	Unk	PB103125BL		PBW001		
103	101	2	5	4	Unk	PB103125BS		LCS001		
104	102	2	6	4	Unk	I5596-08		MA4XS5		
105	103	2	7	4	Unk	I5596-09		MA4XS5D		
106	104	2	8	4	Unk	I5596-10		MA4XS5S		
107	105	2	9	4	Unk	I5596-08LX5		MA4XS5		
108	112	2	4	5	Unk	CCV047		CCV047		
109	113	2	5	5	Unk	CCB047		CCB047		
110	114	2	6	5	Unk	I5597-05		MA4XR9		
111	115	2	7	5	Unk	I5597-06		MA4XS1		
112	116	2	8	5	Unk	I5596-01		MA4XR2		
113	117	2	9	5	Unk	I5596-02		MA4XR4		
114	118	2	10	5	Unk	I5596-03		MA4XR6		
115	119	2	11	5	Unk	I5596-04		MA4XR8		
116	120	2	12	5	Unk	I5596-05		MA4XS0		
117	121	3	1	1	Unk	I5596-06		MA4XS2		
118	122	3	2	1	Unk	I5596-07		MA4XS3		

	CorrFact	Check	Check Table	Fail Action
60	1	X	LR WITH 6 POINT	---
61	1	X	LR WITH 6 POINT	---
62	1	X	LR WITH 6 POINT	---
63	1	X	LR WITH 6 POINT	---
64	1	X	LR WITH 6 POINT	---
65	1	X	LR WITH 6 POINT	---
66	1	X	LR WITH 6 POINT	---
67	1	X	LR WITH 6 POINT	---
68	1	X	LR WITH 6 POINT	---
69	1	X	LR WITH 6 POINT	---
70	1	X	ICB,CCB,PBW,PBS	---
71	1	X	LCSS,LCSW	---
72	1	X	CCV1	---
73	1	X	ICB,CCB,PBW,PBS	---
74	1	X	LR WITH 6 POINT	---
75	1	X	LR WITH 6 POINT	---
76	1	X	LR WITH 6 POINT	---
77	1	X	LR WITH 6 POINT	---
78	1	X	LR WITH 6 POINT	---
79	1	X	LR WITH 6 POINT	---
80	1	X	LR WITH 6 POINT	---
81	1	X	LR WITH 6 POINT	---
82	1	X	LR WITH 6 POINT	---
83	1	X	ICB,CCB,PBW,PBS	---
84	1	X	LCSS,LCSW	---
85	1	X	LR WITH 6 POINT	---
86	1	X	LR WITH 6 POINT	---
87	1	X	LR WITH 6 POINT	---
88	1	X	LR WITH 6 POINT	---
89	1	X	ICB,CCB,PBW,PBS	---
90	1	X	LCSS,LCSW	---
91	1	X	LR WITH 6 POINT	---
92	1	X	LR WITH 6 POINT	---
93	1	X	LR WITH 6 POINT	---
94	1	X	LR WITH 6 POINT	---
95	1	X	LCSS,LCSW	---
96	1	X	CCV1	---
97	1	X	ICB,CCB,PBW,PBS	---
98	1	X	LR WITH 6 POINT	---
99	1	X	LR WITH 6 POINT	---
100	1	X	LR WITH 6 POINT	---
101	1	X	LR WITH 6 POINT	---
102	1	X	ICB,CCB,PBW,PBS	---
103	1	X	LCSS,LCSW	---
104	1	X	LR WITH 6 POINT	---
105	1	X	LR WITH 6 POINT	---
106	1	X	LR WITH 6 POINT	---
107	1	X	LR WITH 6 POINT	---
108	1	X	CCV1	---
109	1	X	ICB,CCB,PBW,PBS	---
110	1	X	LR WITH 6 POINT	---
111	1	X	LR WITH 6 POINT	---
112	1	X	LR WITH 6 POINT	---
113	1	X	LR WITH 6 POINT	---
114	1	X	LR WITH 6 POINT	---
115	1	X	LR WITH 6 POINT	---
116	1	X	LR WITH 6 POINT	---
117	1	X	LR WITH 6 POINT	---
118	1	X	LR WITH 6 POINT	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
119	123	3	3	1	Unk	I5596-12		MA4XS7		
120	124	3	4	1	Unk	I5512-01		METN93		
121	125	3	5	1	Unk	I5512-02		METN96		
122	126	3	6	1	Unk	I5512-03		METN97		
123	127	3	7	1	Unk	I5512-04		METN98		
124	128	3	8	1	Unk	I5512-05		METN99		
125	129	3	9	1	Unk	I5512-06		METNA0		
126	130	3	10	1	Unk	I5512-07		METN94		
127	131	3	11	1	Unk	I5512-08		METN95		
128	132	3	12	1	Unk	I5512-09		METNA2		
129	133	3	1	2	Unk	I5512-10		METNA3		
130	134	3	2	2	Unk	I5512-11		METNA4		
131	135	3	3	2	Unk	I5512-12		METNA5		
132	136	3	4	2	Unk	CCV048		CCV048		
133	137	3	5	2	Unk	CCB048		CCB048		

	CorrFact	Check	Check Table	Fail Action
119	1	☒	LR WITH 6 POINT	---
120	1	☒	LR WITH 6 POINT	---
121	1	☒	LR WITH 6 POINT	---
122	1	☒	LR WITH 6 POINT	---
123	1	☒	LR WITH 6 POINT	---
124	1	☒	LR WITH 6 POINT	---
125	1	☒	LR WITH 6 POINT	---
126	1	☒	LR WITH 6 POINT	---
127	1	☒	LR WITH 6 POINT	---
128	1	☒	LR WITH 6 POINT	---
129	1	☒	LR WITH 6 POINT	---
130	1	☒	LR WITH 6 POINT	---
131	1	☒	LR WITH 6 POINT	---
132	1	☒	CCV1	---
133	1	☒	ICB,CCB,PBW,PBS	---