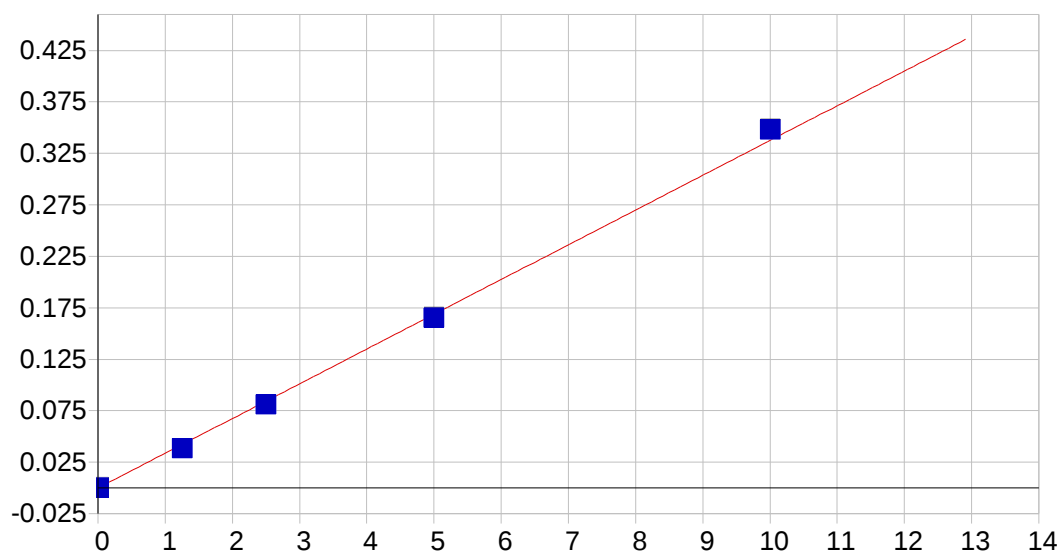


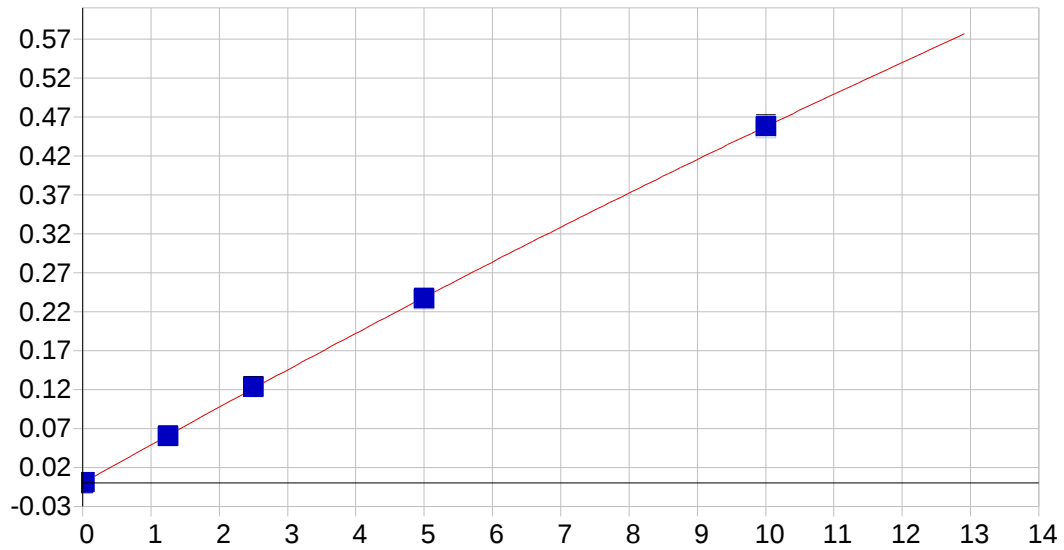


As 189.042 {479}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.033763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999301 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003582
 Predicted MQL: 0.011939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.01094	.001	9.35	.00026	.000	1
S2	1.2500	1.1367	-.113	-9.07	.03828	.000	1
S3	2.5000	2.4010	-.099	-3.96	.08097	.000	1
S4	5.0000	4.8973	-.103	-2.05	.16527	.000	1
S5	10.000	10.314	.314	3.14	.34818	.000	1

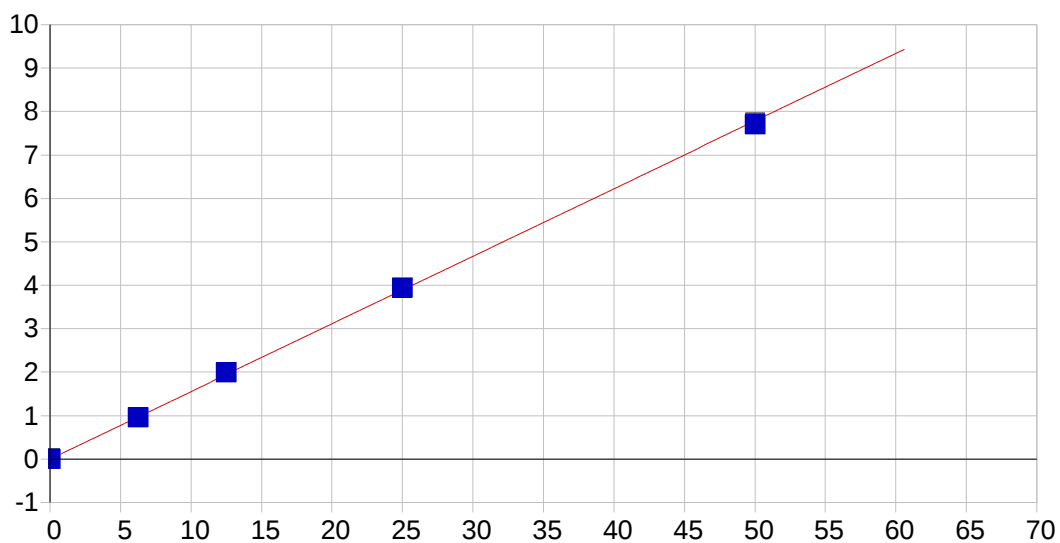


TI 190.856 {477}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.049636 Y-int: 0.000000
 A2 (Curvature): -0.000385
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001950
 Predicted MQL: 0.006499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.02500	.02555	.001	2.20	.00110	.000	1
S2	1.2500	1.2314	-.019	-1.49	.06001	.000	1
S3	2.5000	2.5456	.046	1.82	.12296	.001	1
S4	5.0000	4.9623	-.038	-.754	.23519	.001	1
S5	10.000	10.010	.010	.103	.45518	.002	1

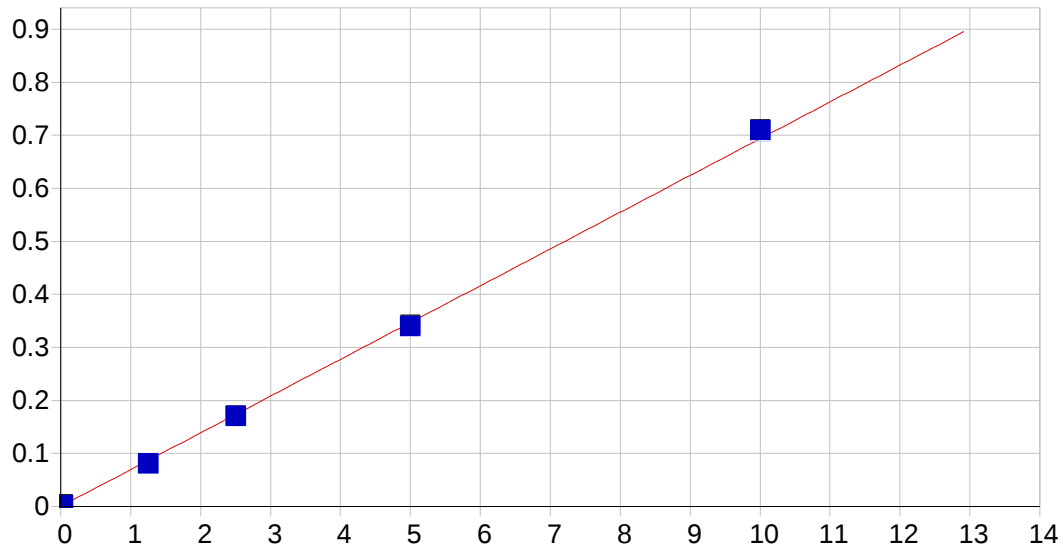


Pb 220.353 {453}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000321 Re-Slope: 1.000000
 A1 (Gain): 0.155645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.001517
 Predicted MQL: 0.005057

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00931	-.001	-6.93	.00114	.000	1
S2	6.2500	6.1245	-.126	-2.01	.95445	.001	1
S3	12.500	12.807	.307	2.46	1.9961	.003	1
S4	25.000	25.317	.317	1.27	3.9462	.002	1
S5	50.000	49.502	-.498	-.996	7.7166	.021	1

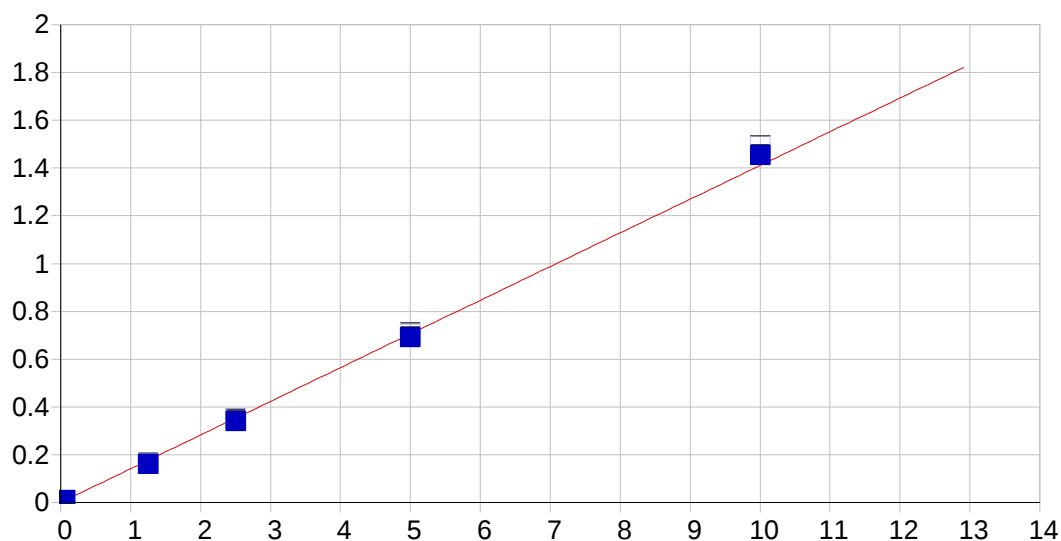


Se 196.090 {472}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.069327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002599
 Predicted MQL: 0.008662

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.03500	.03427	-.001	-2.08	.00257	.000	1
S2	1.2500	1.1630	-.087	-6.96	.08042	.000	1
S3	2.5000	2.4546	-.045	-1.82	.16956	.000	1
S4	5.0000	4.9031	-.097	-1.94	.33849	.002	1
S5	10.000	10.230	.230	2.30	.70617	.001	1

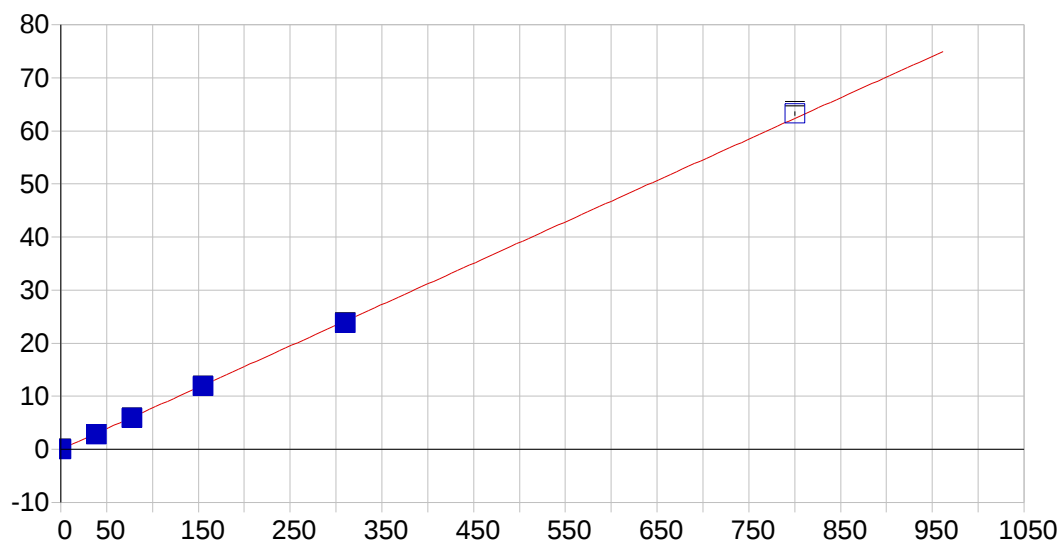


Sb 206.833 {463}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000272 Re-Slope: 1.000000
 A1 (Gain): 0.141051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999367 Status: OK.
 Std Error of Est: 0.000212
 Predicted MDL: 0.001409
 Predicted MQL: 0.004698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00027	.000	1
S1	.06000	.05547	-.005	-7.55	.00809	.000	1
S2	1.2500	1.1386	-.111	-8.91	.16568	.000	1
S3	2.5000	2.4128	-.087	-3.49	.35020	.001	1
S4	5.0000	4.8934	-.107	-2.13	.70970	.002	1
S5	10.000	10.310	.310	3.10	1.4929	.001	1

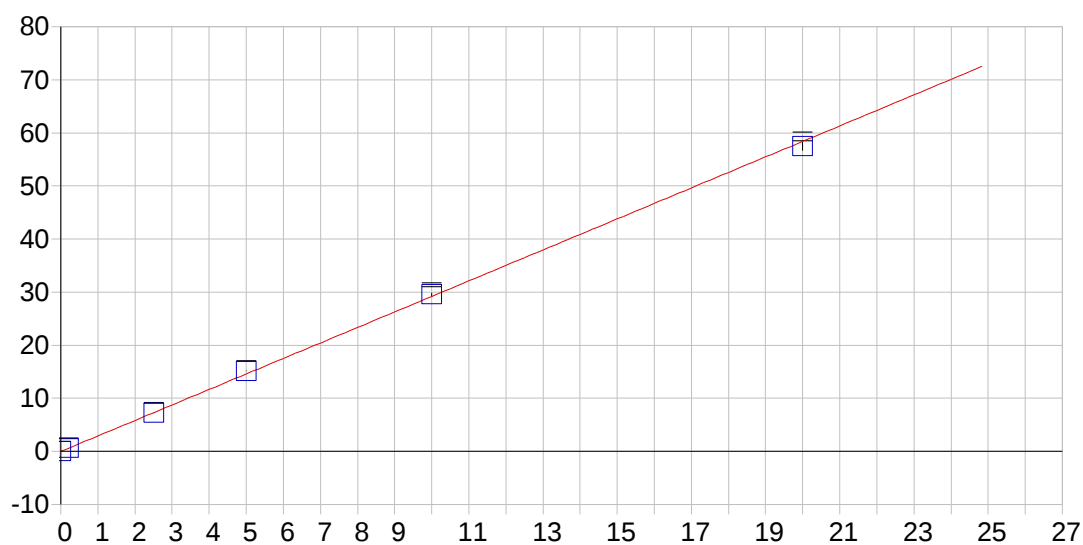


AI 396.152 { 85}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000464 Re-Slope: 1.000000
 A1 (Gain): 0.077925 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000946
 Predicted MDL: 0.005519
 Predicted MQL: 0.018395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00046	.000	1
S1	.20000	.19697	-.003	-1.51	.01491	.000	1
S2	38.750	35.969	-2.78	-7.18	2.8052	.008	1
S3	77.500	75.642	-1.86	-2.40	5.8995	.033	1
S4	155.00	152.56	-2.44	-1.57	11.899	.040	1
S5	310.00	305.32	-4.68	-1.51	23.814	.127	1
S6	800.00	811.77	11.8	1.47	63.257	.406	1

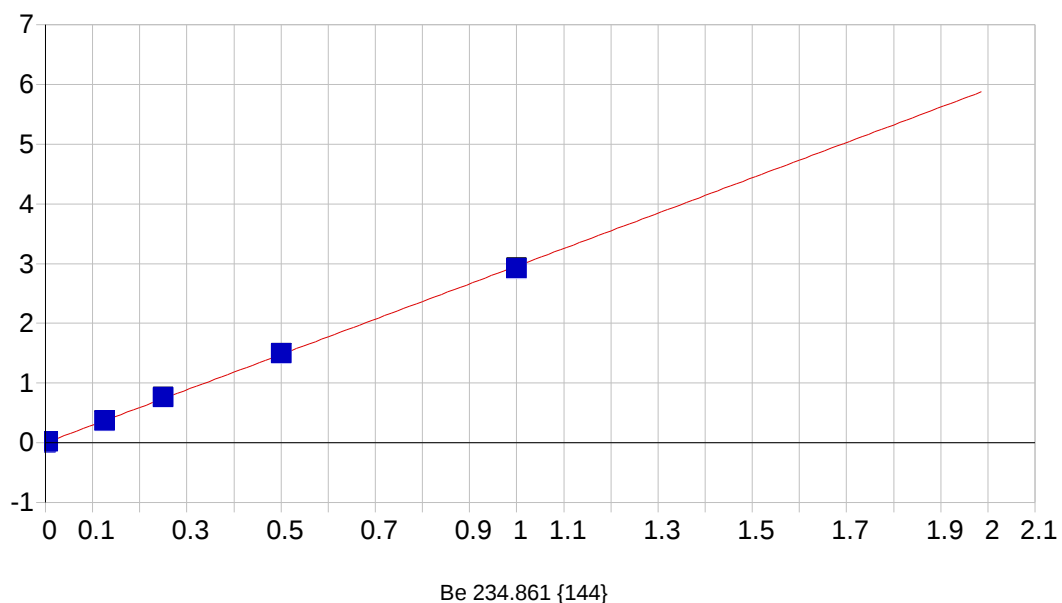


Ba 493.409 { 68}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011982 Re-Slope: 1.000000
 A1 (Gain): 2.920298 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.006050
 Predicted MDL: 0.000306
 Predicted MQL: 0.001019

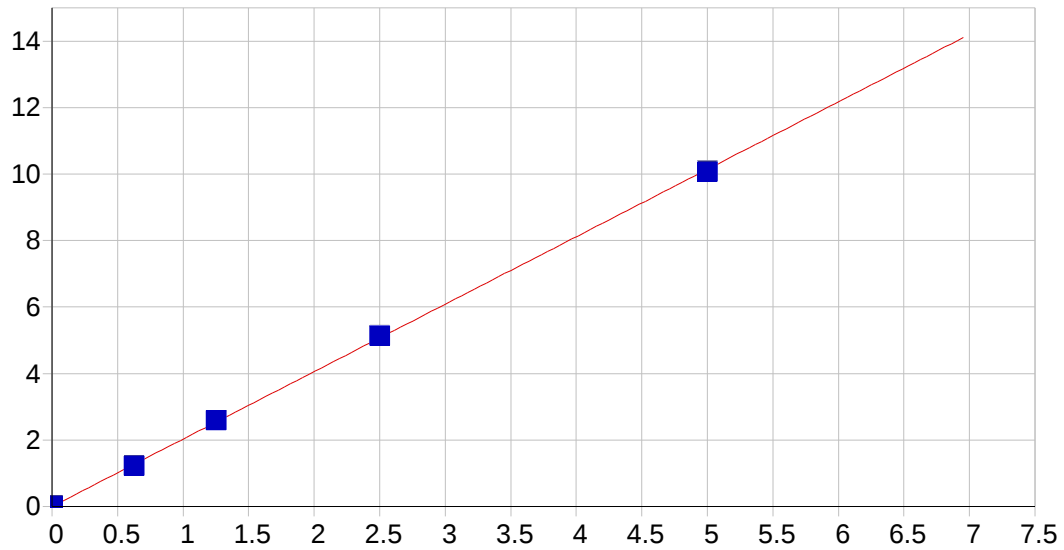
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01202	.001	1
S1	.20000	.20703	.007	3.52	.59261	.004	1
S2	2.5000	2.5006	.001	.023	7.2904	.019	1
S3	5.0000	5.1950	.195	3.90	15.159	.037	1
S4	10.000	10.117	.117	1.17	29.532	.365	1
S5	20.000	19.680	-.320	-1.60	57.461	.855	1



Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000890	Re-Slope: 1.000000
A1 (Gain):	2.958081	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999856	Status: OK.
Std Error of Est:	0.000188	
Predicted MDL:	0.000075	
Predicted MQL:	0.000249	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00089	.000	1
S1	.00500	.00544	.000	8.85	.01520	.000	1
S2	.12500	.12383	-.001	-.933	.36380	.003	1
S3	.25000	.25783	.008	3.13	.75856	.003	1
S4	.50000	.50599	.006	1.20	1.4894	.004	1
S5	1.0000	.98690	-.013	-1.31	2.9055	.014	1

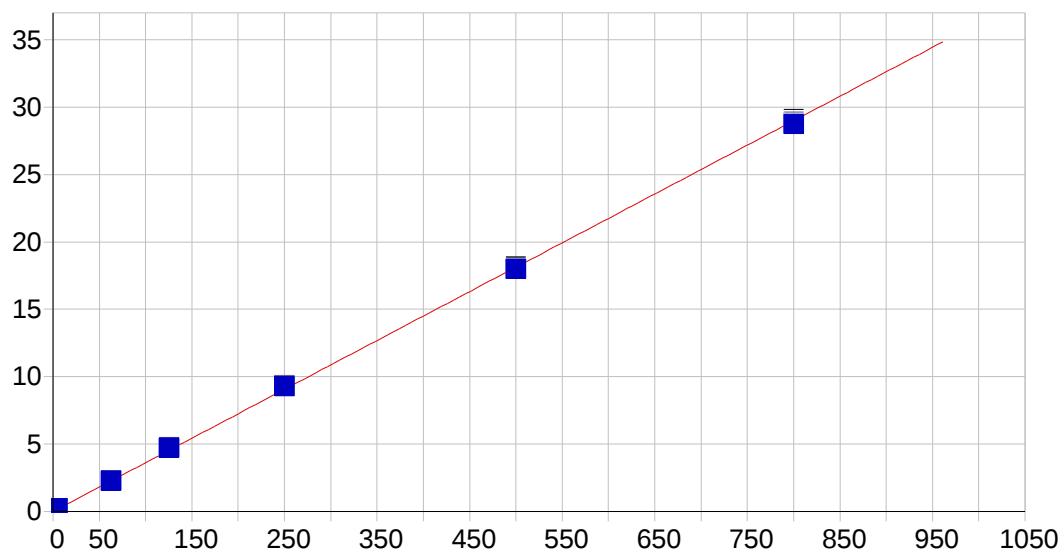


Cd 214.438 {457}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000433 Re-Slope: 1.000000
 A1 (Gain): 2.028448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000246
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.00500	.00484	.000	-3.21	.01026	.000	1
S2	.62500	.60248	-.023	-3.60	1.2251	.002	1
S3	1.2500	1.2746	.025	1.96	2.5910	.007	1
S4	2.5000	2.5327	.033	1.31	5.1484	.006	1
S5	5.0000	4.9654	-.035	-.692	10.093	.010	1

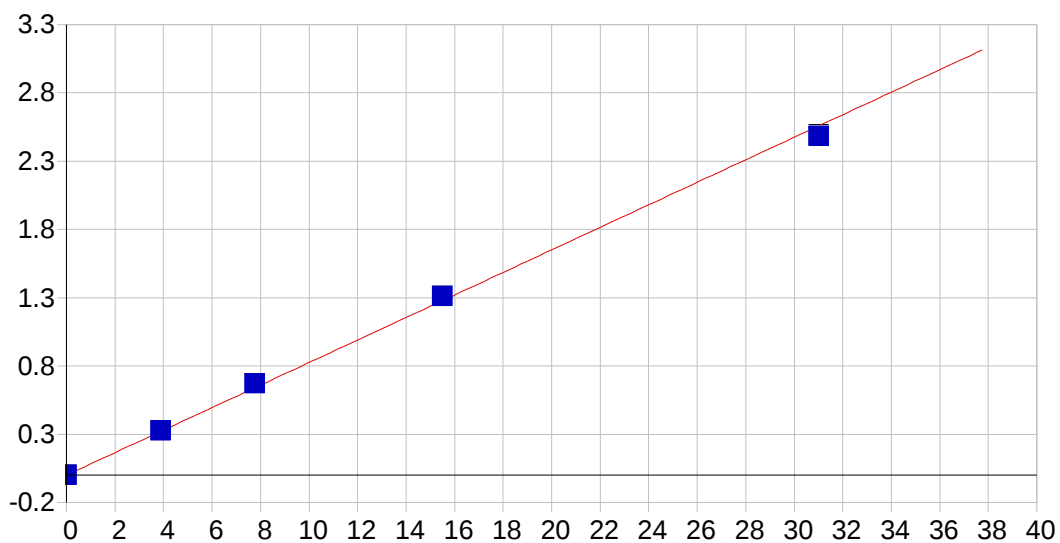


Ca 373.690 { 90}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001357 Re-Slope: 1.000000
 A1 (Gain): 0.036245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.002046
 Predicted MDL: 0.010009
 Predicted MQL: 0.033364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00060	-.001	.000	.00133	.000	1
S1	5.0000	5.3749	.375	7.50	.19619	.001	1
S2	62.500	62.481	-.019	-.030	2.2741	.008	1
S3	125.00	129.80	4.80	3.84	4.7222	.035	1
S4	250.00	256.06	6.06	2.42	9.3144	.042	1
S5	500.00	495.81	-4.19	-.838	18.037	.120	1
S6	800.00	792.99	-7.01	-.876	28.916	.173	1

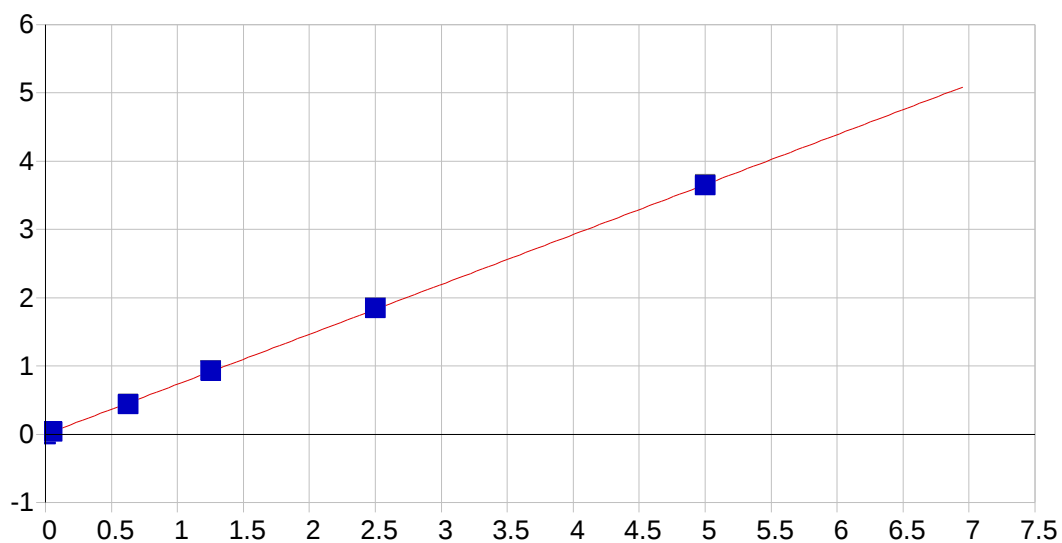


Cr 267.716 {126}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.082510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000545
 Predicted MQL: 0.001816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.01149	.001	14.9	.00092	.000	1
S2	3.8750	3.9465	.071	1.85	.32585	.002	1
S3	7.7500	8.1546	.405	5.22	.67332	.001	1
S4	15.500	15.900	.400	2.58	1.3129	.003	1
S5	31.000	30.122	-.878	-2.83	2.4874	.009	1

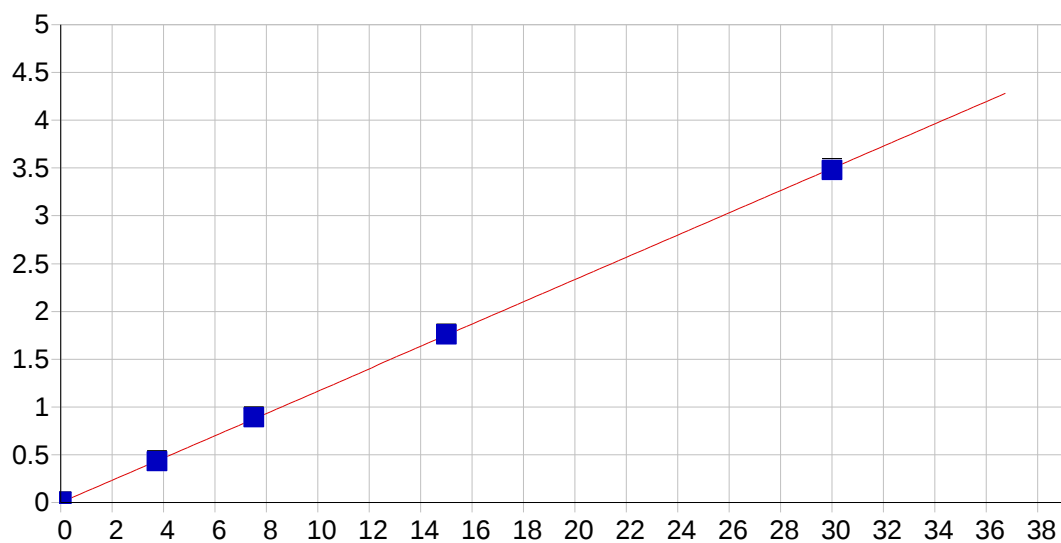


Co 228.616 {448}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.731476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.000229
 Predicted MQL: 0.000764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.05000	.04682	-.003	-6.35	.03427	.000	1
S2	.62500	.59882	-.026	-4.19	.43881	.000	1
S3	1.2500	1.2692	.019	1.54	.93012	.001	1
S4	2.5000	2.5251	.025	1.01	1.8506	.001	1
S5	5.0000	4.9850	-.015	-.300	3.6535	.010	1

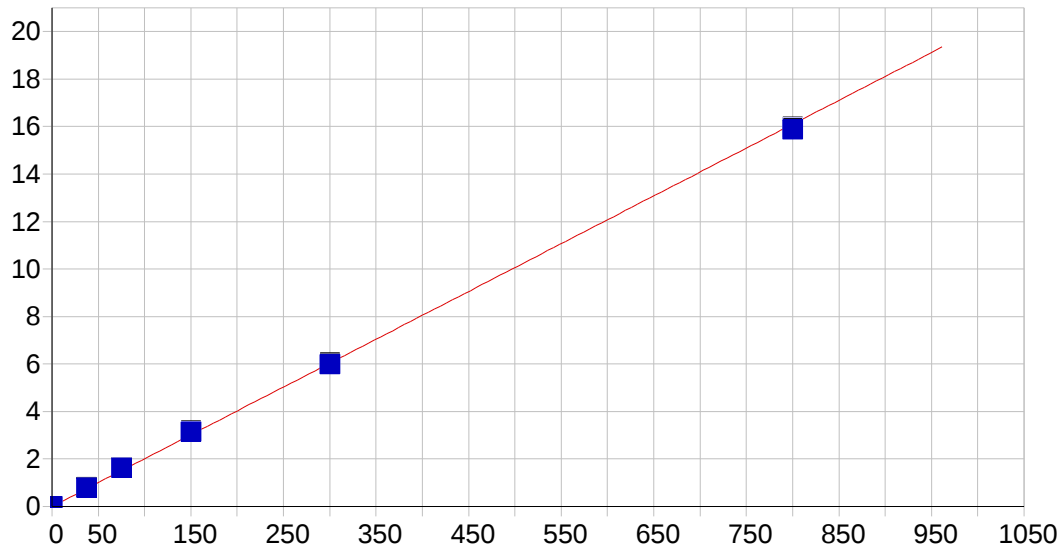


Cu 324.754 {104}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001164 Re-Slope: 1.000000
 A1 (Gain): 0.116501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001777
 Predicted MQL: 0.005922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00116	.000	1
S1	.02500	.02722	.002	8.90	.00433	.000	1
S2	3.7500	3.6994	-.051	-1.35	.43187	.002	1
S3	7.5000	7.6284	.128	1.71	.88933	.005	1
S4	15.000	15.085	.085	.564	1.7574	.006	1
S5	30.000	29.835	-.165	-.549	3.4748	.022	1

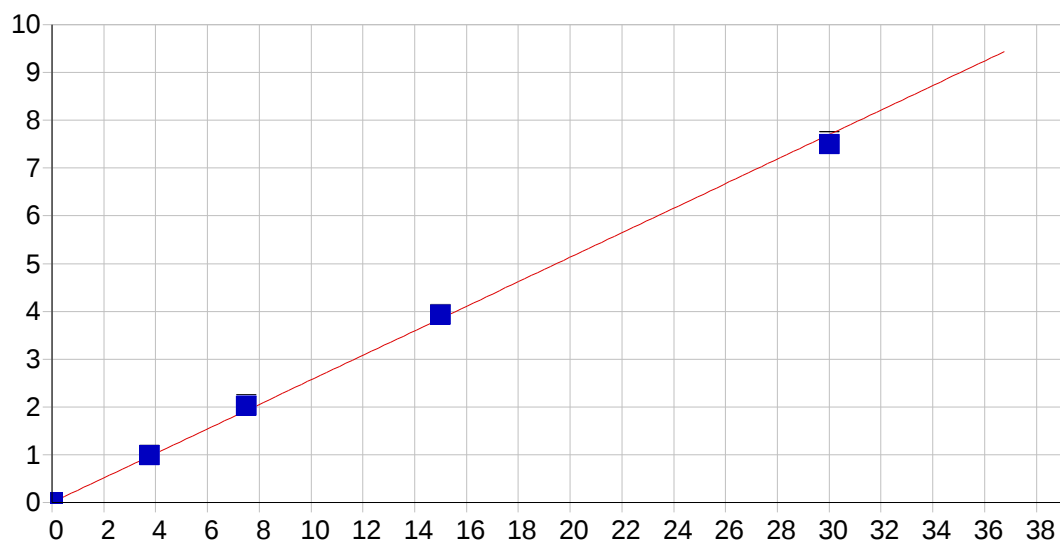


Fe 259.837 {130}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.020124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.006712
 Predicted MQL: 0.022373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00010	.000	1
S1	.10000	.11480	.015	14.8	.00245	.000	1
S2	37.500	39.334	1.83	4.89	.79567	.003	1
S3	75.000	80.752	5.75	7.67	1.6332	.012	1
S4	150.00	156.31	6.31	4.20	3.1617	.017	1
S5	300.00	296.92	-3.08	-1.03	6.0075	.047	1
S6	800.00	789.16	-10.8	-1.35	15.954	.043	1

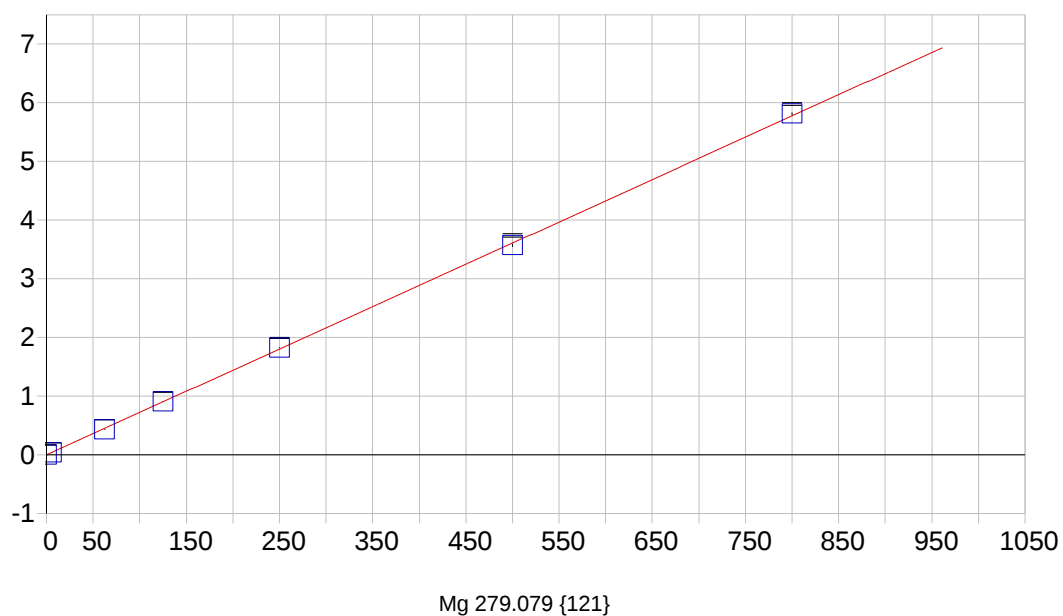


Mn 257.610 {131}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.256657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999567 Status: OK.
 Std Error of Est: 0.000269
 Predicted MDL: 0.000460
 Predicted MQL: 0.001533

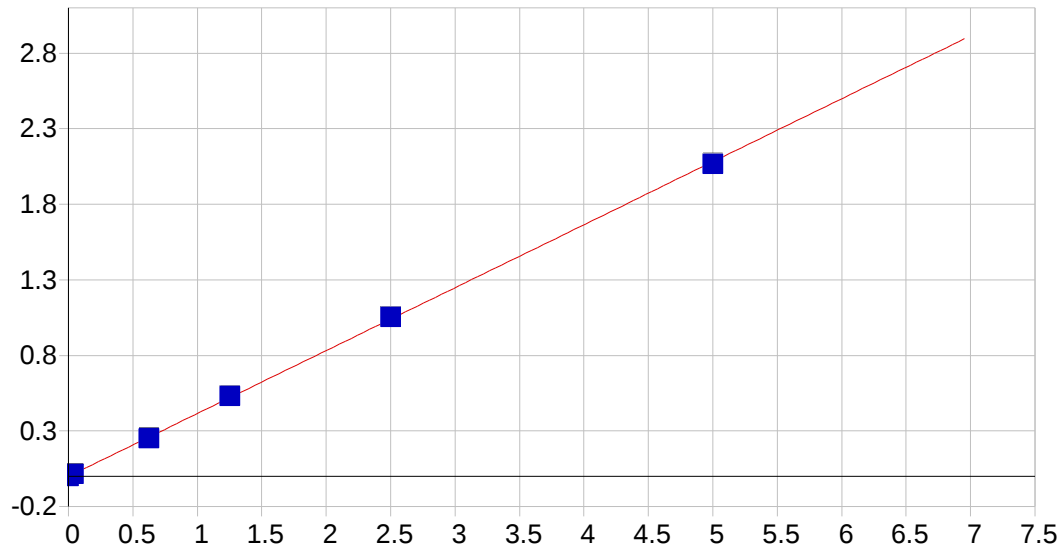
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01500	.01604	.001	6.95	.00419	.000	1
S2	3.7500	3.8485	.098	2.63	.98803	.003	1
S3	7.5000	7.8943	.394	5.26	2.0266	.013	1
S4	15.000	15.282	.282	1.88	3.9232	.019	1
S5	30.000	29.224	-.776	-2.59	7.5024	.056	1



Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.007219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.021885
 Predicted MQL: 0.072949

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	-.00009	.000	1
S1	5.0000	4.8959	-.104	-2.08	.03525	.000	1
S2	62.500	59.165	-3.33	-5.34	.42704	.001	1
S3	125.00	125.32	.317	.253	.90460	.007	1
S4	250.00	252.09	2.09	.835	1.8198	.009	1
S5	500.00	495.43	-4.57	-.914	3.5765	.028	1
S6	800.00	805.61	5.61	.701	5.8158	.024	1

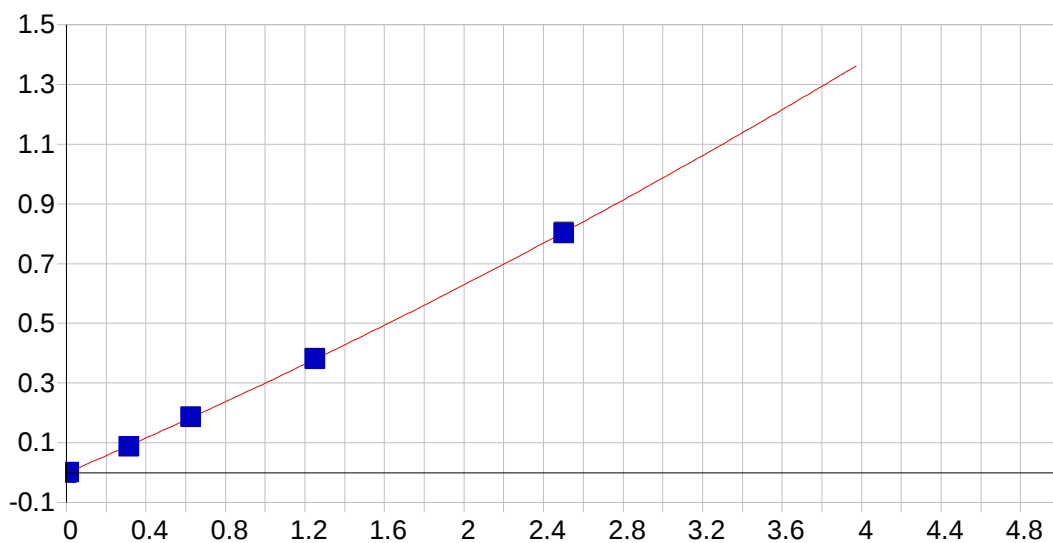


Ni 231.604 {446}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000901 Re-Slope: 1.000000
 A1 (Gain): 0.416467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.000411
 Predicted MQL: 0.001368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.04000	.03858	-.001	-3.56	.01517	.000	1
S2	.62500	.60675	-.018	-2.92	.25233	.000	1
S3	1.2500	1.2762	.026	2.09	.53165	.002	1
S4	2.5000	2.5317	.032	1.27	1.0556	.001	1
S5	5.0000	4.9618	-.038	-.764	2.0698	.003	1

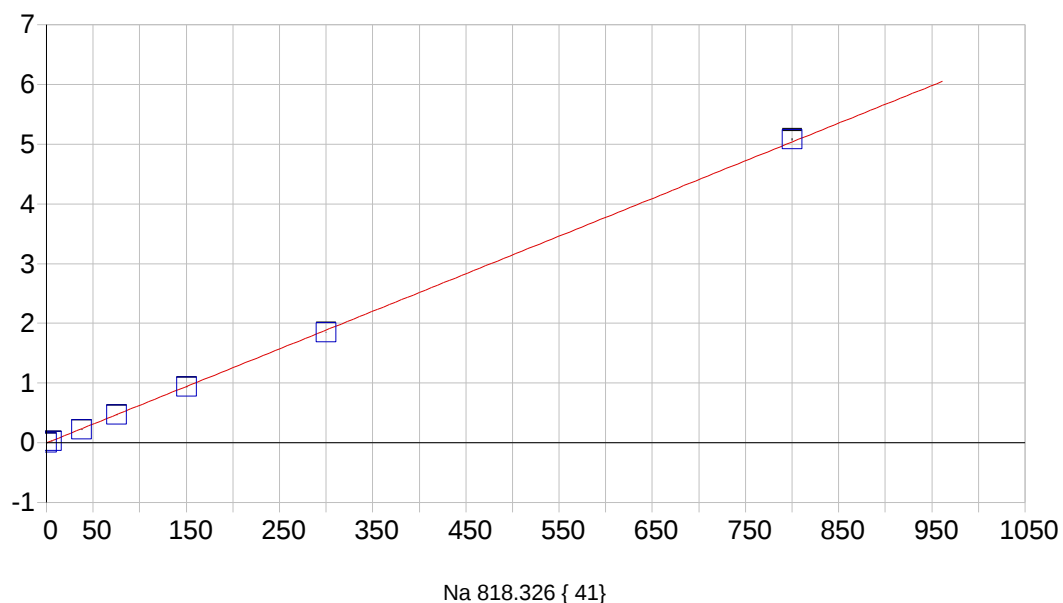


Ag 328.068 {103}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000975	Re-Slope: 1.000000
A1 (Gain):	0.286360	Y-int: 0.000000
A2 (Curvature):	0.014293	
n (Exponent):	1.000000	
Correlation:	0.999938	Status: Warning Positive Curvature
Std Error of Est:	0.000033	
Predicted MDL:	0.000304	
Predicted MQL:	0.001013	

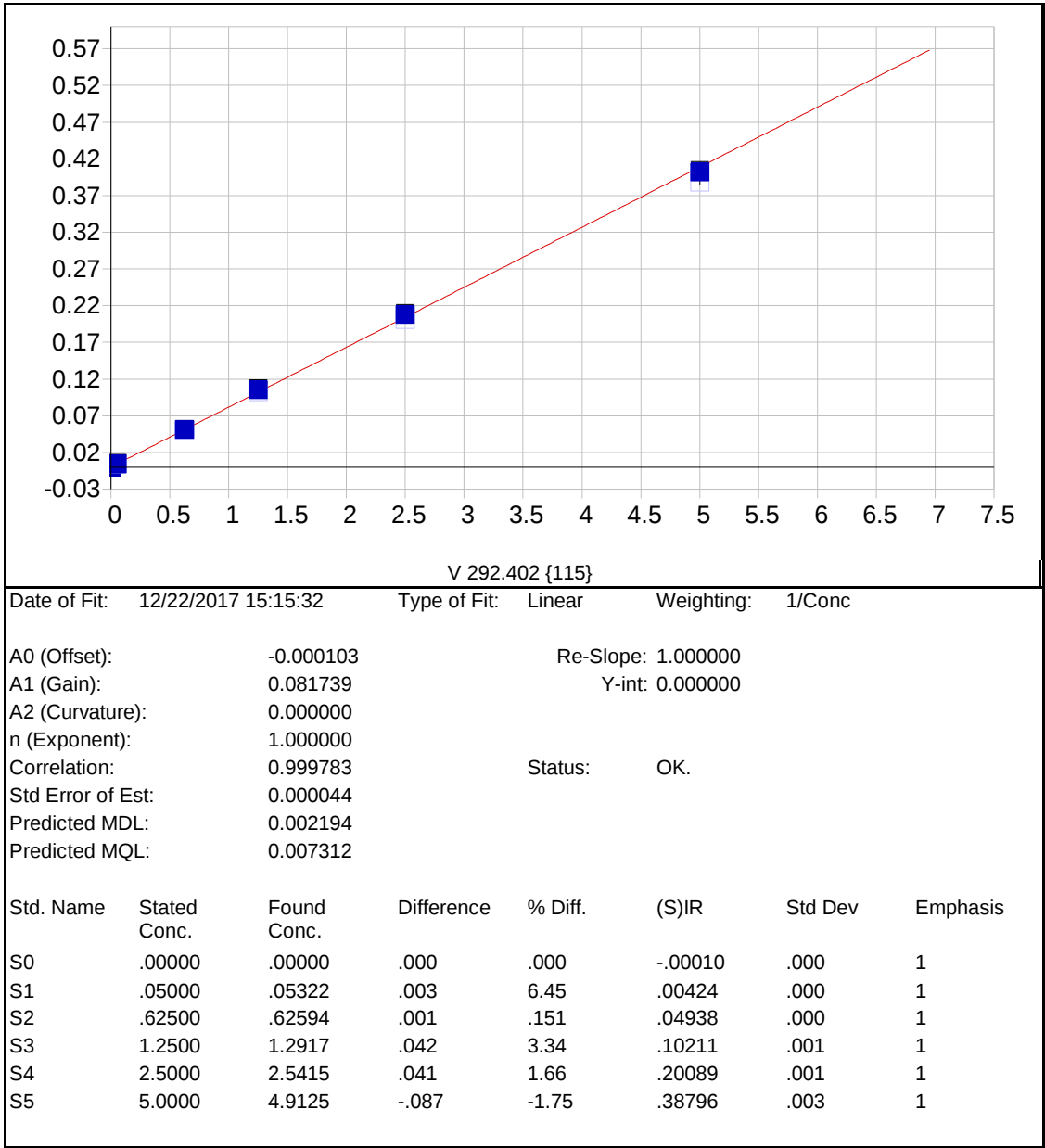
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00097	.000	1
S1	.01000	.00914	-.001	-8.56	.00163	.000	1
S2	.31250	.30145	-.011	-3.54	.08604	.001	1
S3	.62500	.63345	.008	1.35	.18493	.001	1
S4	1.2500	1.2573	.007	.581	.37920	.001	1
S5	2.5000	2.4961	-.004	-.157	.79796	.002	1

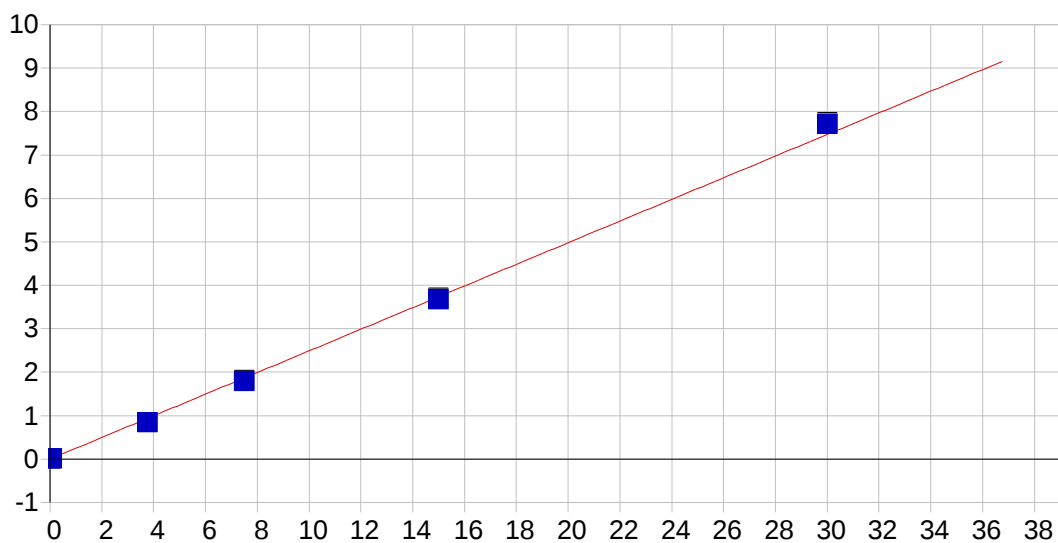


Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002258 Re-Slope: 1.000000
 A1 (Gain): 0.006296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000255
 Predicted MDL: 0.144561
 Predicted MQL: 0.481869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00226	.001	1
S1	5.0000	5.0408	.041	.816	.02948	.001	1
S2	37.500	36.126	-1.37	-3.66	.22520	.001	1
S3	75.000	75.145	.145	.193	.47087	.002	1
S4	150.00	149.43	-.569	-.379	.93858	.002	1
S5	300.00	294.24	-5.76	-1.92	1.8503	.002	1
S6	800.00	807.52	7.52	.940	5.0820	.017	1



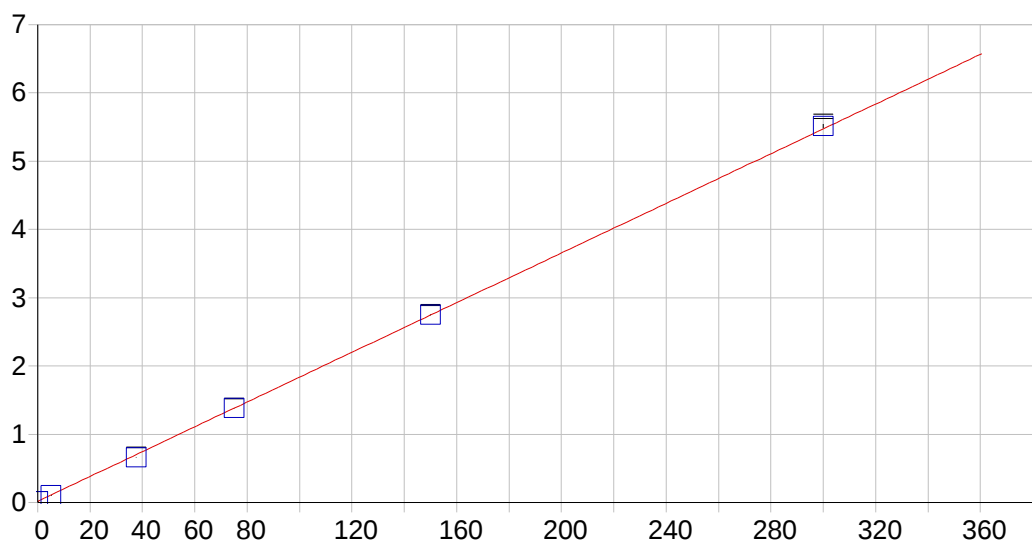


Zn 213.856 {158}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000206 Re-Slope: 1.000000
 A1 (Gain): 0.249082 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999243 Status: OK.
 Std Error of Est: 0.000692
 Predicted MDL: 0.002669
 Predicted MQL: 0.008898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00020	.000	1
S1	.06000	.05234	-.008	-12.8	.01288	.001	1
S2	3.7500	3.3837	-.366	-9.77	.84514	.003	1
S3	7.5000	7.1716	-.328	-4.38	1.7912	.020	1
S4	15.000	14.748	-.252	-1.68	3.6833	.024	1
S5	30.000	30.955	.955	3.18	7.7302	.022	1

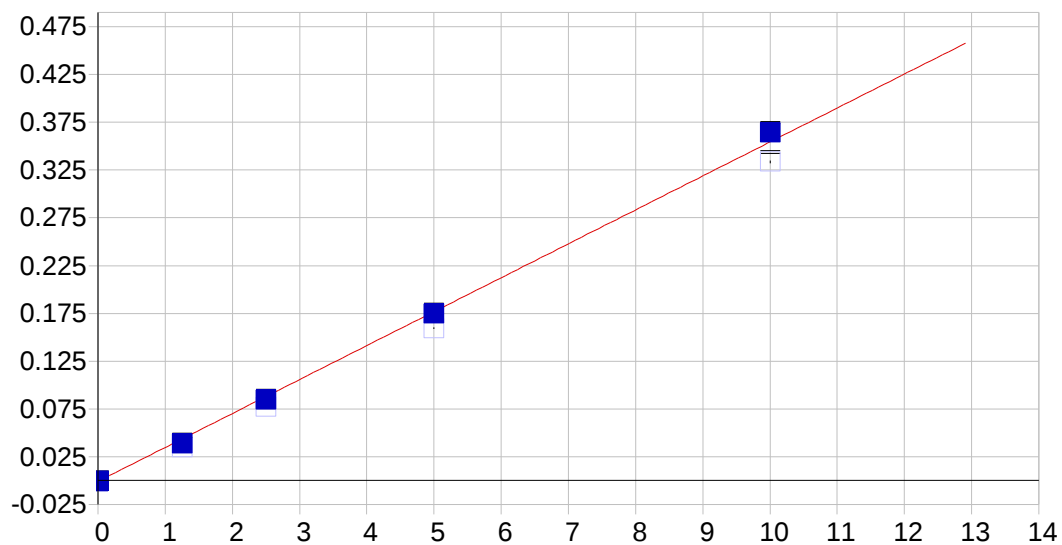


K 769.896 { 44}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018149 Re-Slope: 1.000000
 A1 (Gain): 0.018184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000589
 Predicted MDL: 0.041707
 Predicted MQL: 0.139024

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	.01816	.000	1
S1	5.0000	4.8096	-.190	-3.81	.10561	.001	1
S2	37.500	35.412	-2.09	-5.57	.66208	.005	1
S3	75.000	74.824	-.176	-.235	1.3787	.004	1
S4	150.00	150.30	.297	.198	2.7511	.007	1
S5	300.00	302.16	2.16	.719	5.5125	.030	1

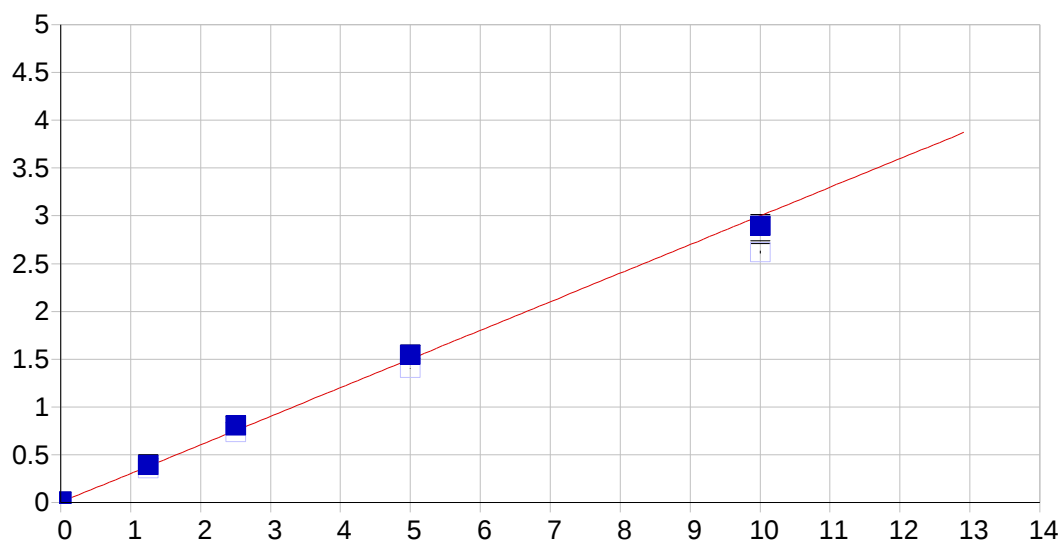


P 177.495 {490}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000832 Re-Slope: 1.000000
 A1 (Gain): 0.035526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999172 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002215
 Predicted MQL: 0.007382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00083	.000	1
S1	.01000	.01197	.002	19.7	-.00043	.000	1
S2	1.2500	1.1162	-.134	-10.7	.03499	.000	1
S3	2.5000	2.4136	-.086	-3.45	.07726	.000	1
S4	5.0000	4.9422	-.058	-1.16	.15942	.001	1
S5	10.000	10.276	.276	2.76	.33359	.001	1

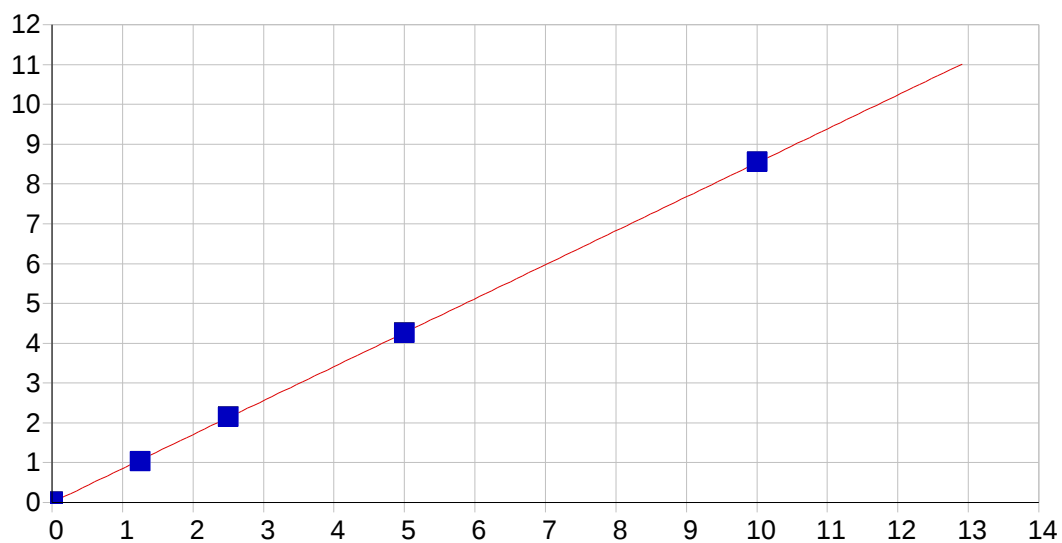


B 249.678 {135}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003294 Re-Slope: 1.000000
 A1 (Gain): 0.299596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999078 Status: OK.
 Std Error of Est: 0.000196
 Predicted MDL: 0.000826
 Predicted MQL: 0.002754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00329	.000	1
S1	.01000	.00829	-.002	-17.1	.00570	.000	1
S2	1.2500	1.3000	.050	4.00	.35829	.003	1
S3	2.5000	2.6629	.163	6.52	.73210	.002	1
S4	5.0000	5.1352	.135	2.70	1.4038	.001	1
S5	10.000	9.6537	-.346	-3.46	2.6195	.014	1

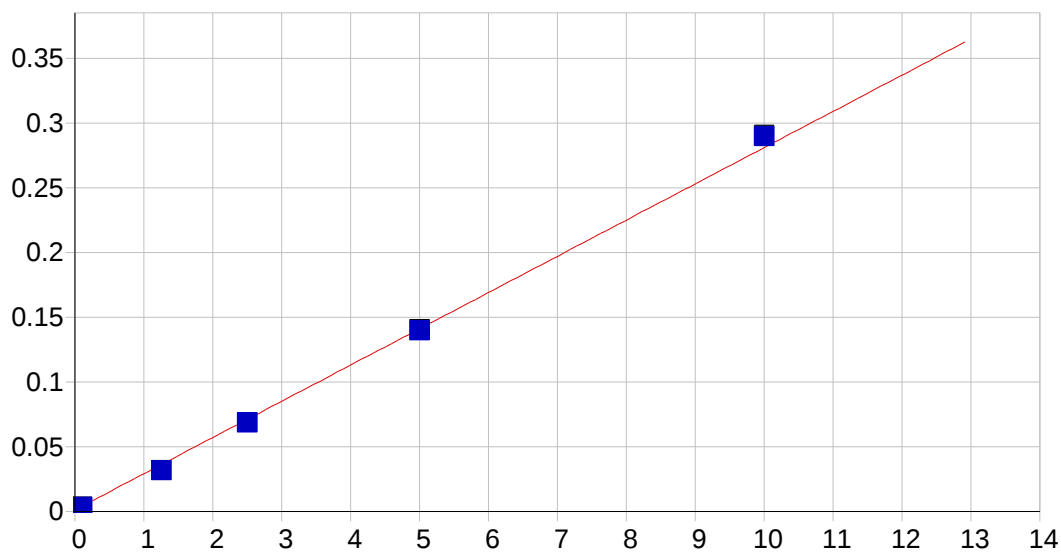


Mo 202.030 {467}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000198 Re-Slope: 1.000000
 A1 (Gain): 0.852931 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000238
 Predicted MQL: 0.000794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.01000	.01012	.000	1.19	.00882	.000	1
S2	1.2500	1.2165	-.033	-2.68	1.0378	.001	1
S3	2.5000	2.5258	.026	1.03	2.1544	.006	1
S4	5.0000	4.9845	-.015	-.309	4.2515	.015	1
S5	10.000	10.023	.023	.230	8.5488	.007	1

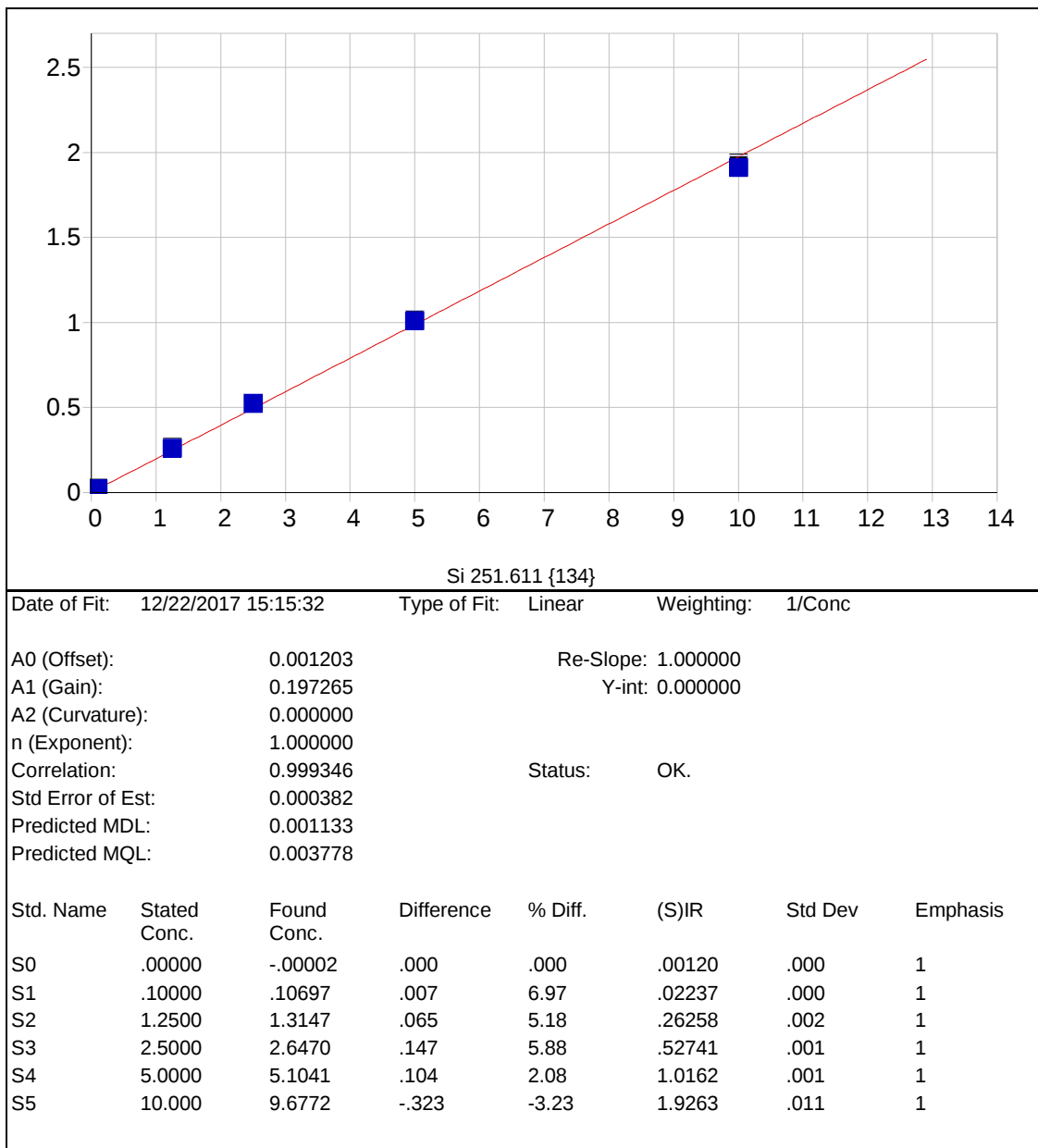


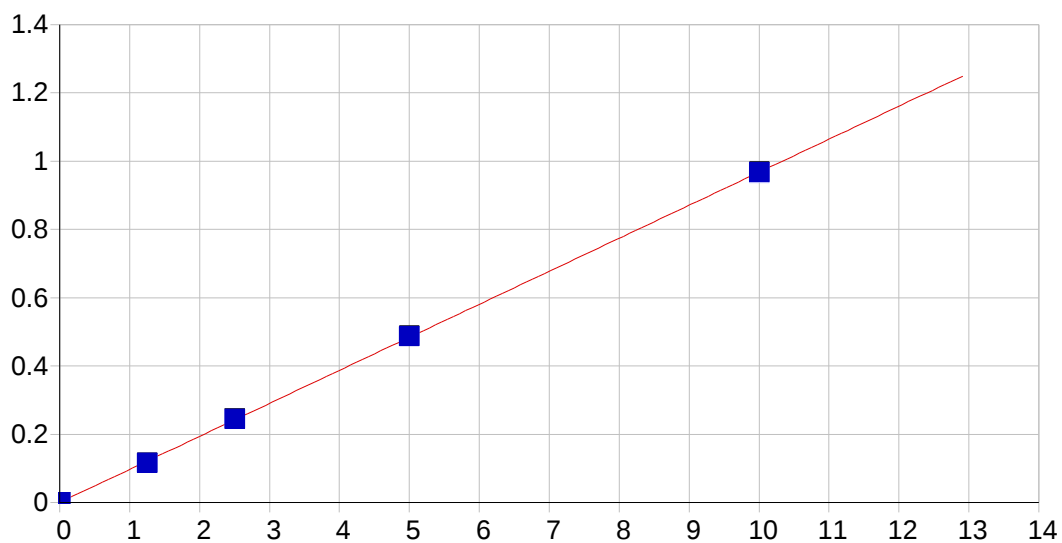
S 182.034 {485}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001170 Re-Slope: 1.000000
 A1 (Gain): 0.027976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998993 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.003297
 Predicted MQL: 0.010989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00117	.000	1
S1	.10000	.07609	-.024	-23.9	.00330	.000	1
S2	1.2500	1.0964	-.154	-12.3	.03185	.000	1
S3	2.5000	2.4072	-.093	-3.71	.06854	.000	1
S4	5.0000	4.9599	-.040	-.803	.13997	.001	1
S5	10.000	10.311	.311	3.11	.28971	.001	1



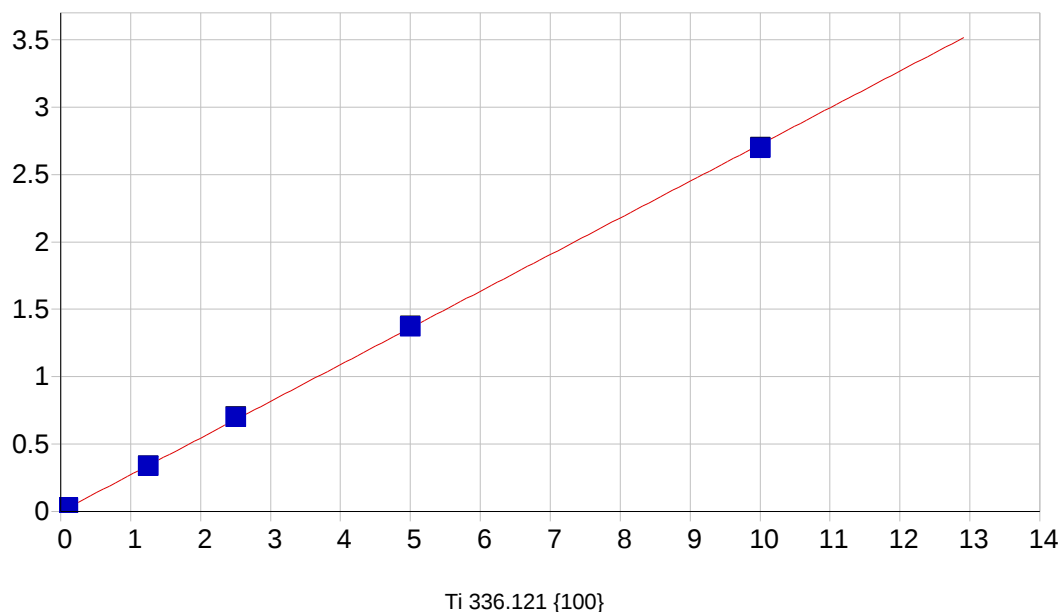


Sn 189.989 {478}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.096763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000963
 Predicted MQL: 0.003209

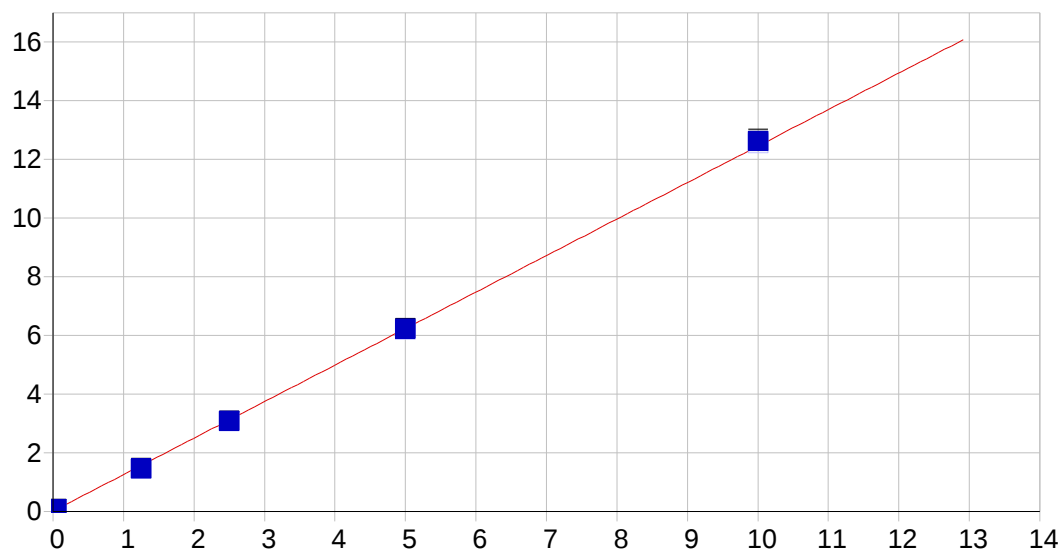
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00605	-.001	-13.6	.00073	.000	1
S2	1.2500	1.1902	-.060	-4.78	.11507	.000	1
S3	2.5000	2.5313	.031	1.25	.24457	.001	1
S4	5.0000	5.0351	.035	.702	.48631	.001	1
S5	10.000	9.9943	-.006	-.057	.96510	.002	1



Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.272316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000201
 Predicted MDL: 0.000927
 Predicted MQL: 0.003090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.10000	.09720	-.003	-2.80	.02667	.000	1
S2	1.2500	1.2374	-.013	-1.01	.33704	.001	1
S3	2.5000	2.5753	.075	3.01	.70124	.002	1
S4	5.0000	5.0355	.036	.711	1.3710	.003	1
S5	10.000	9.9046	-.095	-.954	2.6964	.006	1



Li 670.784 { 50}

Date of Fit: 12/22/2017 15:15:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.012661	Re-Slope: 1.000000
A1 (Gain):	1.244532	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999779	Status: OK.
Std Error of Est:	0.000977	
Predicted MDL:	0.000750	
Predicted MQL:	0.002499	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01267	.000	1
S5	10.000	10.134	.134	1.34	12.555	.073	1
S4	5.0000	4.9892	-.011	-.217	6.1868	.032	1
S3	2.5000	2.4636	-.036	-1.46	3.0612	.005	1
S2	1.2500	1.1674	-.083	-6.61	1.4568	.005	1
S1	.05000	.04550	-.004	-8.99	.06917	.001	1



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
							
Y 224.306 {450}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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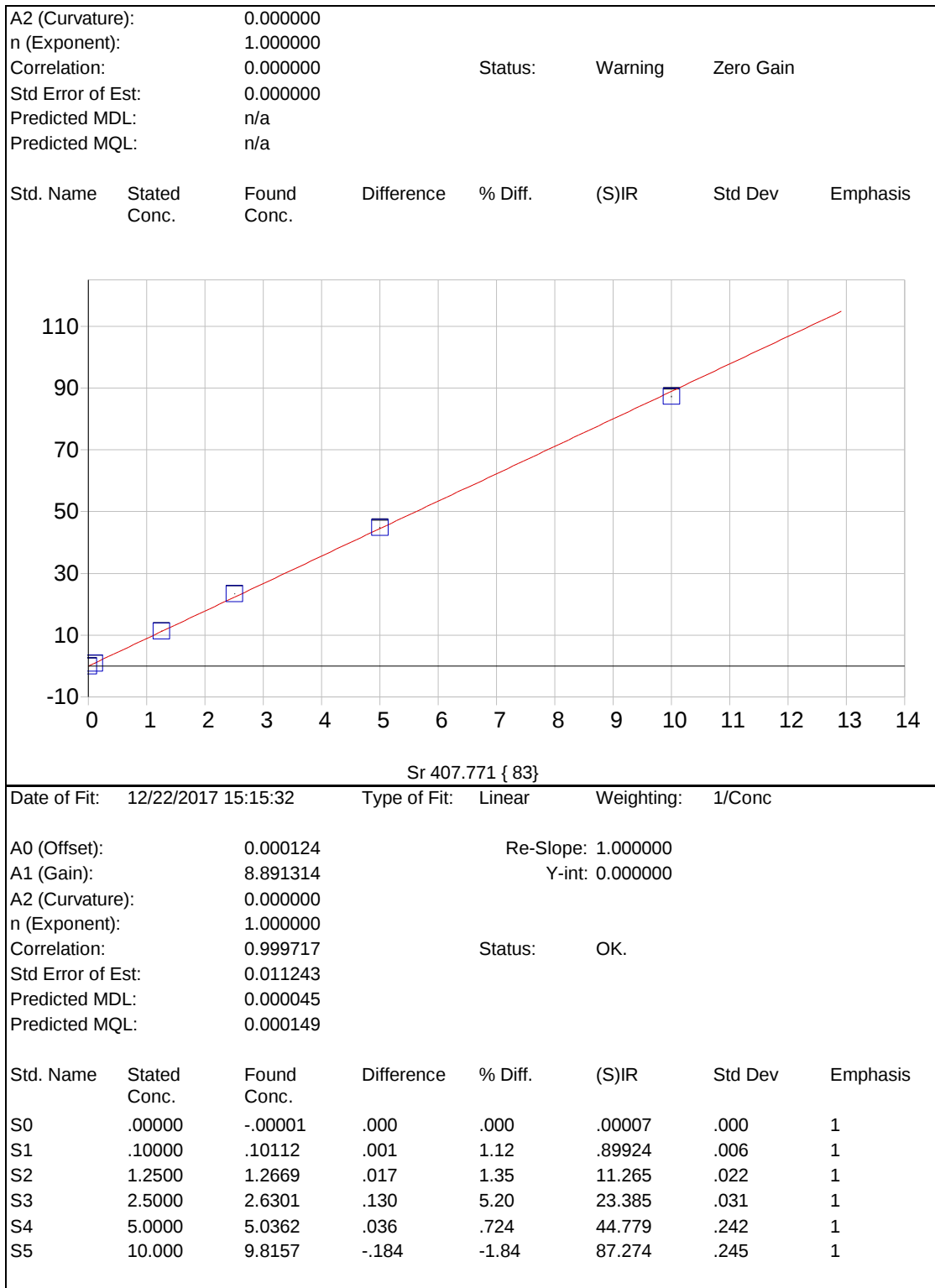
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	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
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 12/22/2017 11:14:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	-.00011	-.00015	-.00032	.00020	.00027	-.00046	-.01202	-.00089
Stddev	.00002	.00002	.00019	.00007	.00020	.00018	.00083	.00018
%RSD	15.691	15.094	60.235	33.891	73.336	39.418	6.8692	20.588

#1	-.00012	-.00013	-.00054	.00026	.00008	-.00029	-.01276	-.00092
#2	-.00011	-.00015	-.00020	.00021	.00026	-.00065	-.01113	-.00070
#3	-.00009	-.00017	-.00022	.00013	.00048	-.00044	-.01218	-.00106

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	.00043	.00133	-.00003	-.00011	.00116	.00010	.00007	-.00009
Stddev	.00014	.00011	.00003	.00017	.00020	.00004	.00006	.00012
%RSD	31.644	8.3799	90.087	150.70	16.993	43.262	79.549	132.71

#1	.00029	.00144	.00000	-.00030	.00111	.00007	.00001	.00005
#2	.00044	.00135	-.00006	.00000	.00100	.00014	.00008	-.00018
#3	.00057	.00122	-.00003	-.00003	.00138	.00007	.00013	-.00014

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	-.00090	-.00097	-.00226	-.00010	-.00020	.01816	-.00083	.00329
Stddev	.00008	.00007	.00063	.00005	.00025	.00026	.00009	.00013
%RSD	9.3189	6.8308	28.060	45.764	122.10	1.4408	10.336	3.9977

#1	-.00091	-.00100	-.00274	-.00013	-.00038	.01786	-.00083	.00345
#2	-.00098	-.00090	-.00249	-.00013	-.00030	.01835	-.00092	.00323
#3	-.00081	-.00102	-.00154	-.00005	.00008	.01826	-.00075	.00321

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	.00020	.00117	.00120	.00017	.00021	.01267	.00007	
Stddev	.00012	.00009	.00009	.00010	.00005	.00018	.00011	
%RSD	60.754	8.1013	7.2449	61.168	22.042	1.4367	173.18	

#1	.00007	.00128	.00117	.00009	.00022	.01265	.00014	
#2	.00031	.00111	.00130	.00013	.00025	.01250	.00012	
#3	.00022	.00112	.00113	.00028	.00016	.01286	-.00007	

Sample Name: S0 Acquired: 12/22/2017 11:14:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	1384.9	2696.5	59208.	10636.	4220.2
Stddev	3.2	8.0	203.	108.	7.8
%RSD	.22944	.29806	.34355	1.0183	.18425
#1	1381.3	2688.6	59023.	10519.	4214.2
#2	1386.0	2696.1	59426.	10656.	4217.5
#3	1387.4	2704.7	59176.	10733.	4229.0

Sample Name: S1 Acquired: 12/22/2017 11:18:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.00026	.00110	.00114	.00257	.00809	.01491	.59261	.01520
Stddev	.00014	.00004	.00039	.00022	.00014	.00021	.00379	.00021
%RSD	53.418	3.3192	34.140	8.3637	1.7231	1.4383	.64006	1.4124

#1	.00010	.00110	.00159	.00234	.00820	.01495	.59695	.01495
#2	.00037	.00114	.00091	.00261	.00815	.01510	.59100	.01530
#3	.00032	.00107	.00092	.00277	.00793	.01468	.58989	.01534

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	.01026	.19619	.00092	.03427	.00433	.00245	.00419	.03525
Stddev	.00012	.00065	.00001	.00014	.00014	.00006	.00008	.00013
%RSD	1.2049	.33120	1.5912	.40261	3.3196	2.5500	1.8587	.38099

#1	.01024	.19629	.00091	.03422	.00425	.00252	.00428	.03539
#2	.01014	.19550	.00091	.03417	.00424	.00240	.00416	.03525
#3	.01039	.19678	.00093	.03443	.00450	.00243	.00414	.03512

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	.01517	.00163	.02948	.00424	.01288	.10561	-.00043	.00570
Stddev	.00023	.00004	.00063	.00007	.00075	.00068	.00002	.00023
%RSD	1.4833	2.6667	2.1213	1.6581	5.8228	.64203	4.1453	4.0066

#1	.01515	.00163	.02999	.00420	.01230	.10638	-.00043	.00581
#2	.01496	.00158	.02878	.00432	.01262	.10530	-.00045	.00544
#3	.01541	.00166	.02967	.00420	.01373	.10513	-.00041	.00586

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	.00882	.00330	.02237	.00073	.02667	.06917	.89924	
Stddev	.00019	.00009	.00032	.00004	.00012	.00120	.00604	
%RSD	2.1412	2.8102	1.4103	5.2261	.46398	1.7363	.67150	

#1	.00887	.00320	.02274	.00072	.02653	.06988	.90608	
#2	.00862	.00339	.02221	.00069	.02676	.06985	.89697	
#3	.00899	.00331	.02217	.00076	.02672	.06778	.89467	

Sample Name: S1 Acquired: 12/22/2017 11:18:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	1360.8	2629.3	58953.	10880.	4050.3
Stddev	6.9	8.3	258.	45.	11.8
%RSD	.50449	.31649	.43800	.41615	.29013
#1	1352.9	2621.6	58681.	10831.	4036.7
#2	1364.8	2628.2	59195.	10891.	4057.5
#3	1364.8	2638.2	58984.	10920.	4056.6

Sample Name: S2 Acquired: 12/22/2017 11:22:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.03828	.06001	.95445	.08042	.16568	2.8052	7.2904	.36380
Stddev	.00017	.00027	.00140	.00013	.00047	.0079	.0189	.00253
%RSD	.44543	.44253	.14654	.16192	.28149	.28099	.25979	.69591

#1	.03810	.06015	.95474	.08050	.16595	2.8024	7.2965	.36398
#2	.03844	.06019	.95568	.08050	.16595	2.8142	7.3056	.36119
#3	.03830	.05971	.95293	.08027	.16514	2.7992	7.2692	.36624

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	1.2251	2.2741	.32585	.43881	.43187	.79567	.98803	.42704
Stddev	.0015	.0082	.00159	.00044	.00196	.00337	.00301	.00095
%RSD	.12640	.36190	.48930	.09993	.45480	.42366	.30456	.22358

#1	1.2245	2.2732	.32431	.43925	.43172	.79262	.98604	.42620
#2	1.2240	2.2663	.32574	.43882	.43391	.79510	.98656	.42683
#3	1.2269	2.2827	.32750	.43837	.42999	.79929	.99149	.42808

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	.25233	.08604	.22520	.04938	.84514	.66208	.03499	.35829
Stddev	.00023	.00064	.00063	.00018	.00276	.00452	.00033	.00275
%RSD	.09196	.74892	.27881	.36524	.32667	.68310	.94328	.76659

#1	.25207	.08529	.22561	.04917	.84273	.66104	.03470	.35944
#2	.25252	.08640	.22448	.04950	.84815	.66703	.03535	.35515
#3	.25239	.08642	.22552	.04946	.84453	.65816	.03493	.36027

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	1.0378	.03185	.26258	.11507	.33704	1.4568	11.265	
Stddev	.0006	.00012	.00171	.00031	.00093	.0048	.022	
%RSD	.05618	.38323	.64971	.26957	.27730	.33036	.19671	

#1	1.0373	.03195	.26314	.11524	.33654	1.4556	11.264	
#2	1.0376	.03189	.26066	.11526	.33647	1.4621	11.287	
#3	1.0384	.03172	.26393	.11471	.33812	1.4526	11.243	

Sample Name: S2 Acquired: 12/22/2017 11:22:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	1291.6	2525.6	56400.	11107.	3574.8
Stddev	10.3	6.0	346.	58.	10.8
%RSD	.80118	.23805	.61305	.51821	.30274
#1	1285.3	2521.7	56387.	11044.	3564.6
#2	1285.8	2522.6	56061.	11119.	3573.7
#3	1303.5	2532.5	56752.	11157.	3586.1

Sample Name: S3 Acquired: 12/22/2017 11:26:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.08097	.12296	1.9961	.16956	.35020	5.8995	15.159	.75856
Stddev	.00017	.00063	.0028	.00013	.00082	.0332	.037	.00295
%RSD	.20902	.50906	.14125	.07871	.23447	.56243	.24261	.38937

#1	.08096	.12230	1.9939	.16942	.35065	5.8714	15.135	.75675
#2	.08081	.12304	1.9952	.16955	.34925	5.8910	15.140	.76197
#3	.08115	.12355	1.9993	.16969	.35070	5.9361	15.201	.75697

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5910	4.7222	.67332	.93012	.88933	1.6332	2.0266	.90460
Stddev	.0072	.0347	.00062	.00111	.00467	.0115	.0134	.00680
%RSD	.27660	.73457	.09178	.11941	.52464	.70670	.66216	.75145

#1	2.5828	4.6859	.67266	.92884	.88606	1.6231	2.0120	.89732
#2	2.5941	4.7257	.67340	.93074	.88726	1.6308	2.0295	.90570
#3	2.5961	4.7550	.67389	.93078	.89467	1.6458	2.0384	.91079

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	.53165	.18493	.47087	.10211	1.7912	1.3787	.07726	.73210
Stddev	.00187	.00052	.00228	.00071	.0200	.0038	.00030	.00232
%RSD	.35189	.28058	.48480	.69724	1.1144	.27635	.38440	.31663

#1	.52996	.18532	.46863	.10173	1.7746	1.3770	.07704	.72953
#2	.53132	.18514	.47077	.10167	1.7855	1.3761	.07713	.73405
#3	.53366	.18434	.47320	.10293	1.8133	1.3831	.07759	.73272

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	2.1544	.06854	.52741	.24457	.70124	3.0612	23.385	
Stddev	.0057	.00027	.00060	.00072	.00155	.0053	.031	
%RSD	.26465	.39385	.11382	.29293	.22164	.17209	.13181	

#1	2.1545	.06885	.52729	.24456	.69958	3.0626	23.359	
#2	2.1487	.06841	.52807	.24386	.70149	3.0553	23.377	
#3	2.1601	.06835	.52689	.24529	.70266	3.0656	23.419	

Sample Name: S3 Acquired: 12/22/2017 11:26:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	1204.2	2352.4	52740.	10658.	3227.7
Stddev	2.3	7.8	121.	12.	5.2
%RSD	.18943	.33039	.23015	.11193	.16099
#1	1206.6	2343.9	52601.	10663.	3221.8
#2	1203.9	2359.2	52797.	10645.	3231.5
#3	1202.1	2354.0	52823.	10667.	3229.9

Sample Name: S4 Acquired: 12/22/2017 11:30:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.16527	.23519	3.9462	.33849	.70970	11.899	29.532	1.4894
Stddev	.00039	.00058	.0021	.00208	.00202	.040	.365	.0036
%RSD	.23344	.24490	.05414	.61564	.28470	.34027	1.2365	.24446

#1	.16483	.23455	3.9474	.33620	.70738	11.885	29.916	1.4861
#2	.16540	.23535	3.9437	.33898	.71102	11.868	29.493	1.4888
#3	.16557	.23567	3.9475	.34028	.71071	11.945	29.188	1.4933

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1484	9.3144	1.3129	1.8506	1.7574	3.1617	3.9232	1.8198
Stddev	.0061	.0418	.0026	.0013	.0063	.0170	.0186	.0092
%RSD	.11791	.44871	.19780	.07035	.36140	.53740	.47457	.50442

#1	5.1471	9.2662	1.3107	1.8515	1.7585	3.1483	3.9039	1.8112
#2	5.1430	9.3383	1.3123	1.8491	1.7506	3.1560	3.9244	1.8187
#3	5.1549	9.3388	1.3158	1.8512	1.7632	3.1808	3.9411	1.8295

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	1.0556	.37920	.93858	.20089	3.6833	2.7511	.15942	1.4038
Stddev	.0009	.00104	.00153	.00124	.0237	.0068	.00081	.0014
%RSD	.08198	.27351	.16348	.61501	.64213	.24619	.50607	.10039

#1	1.0553	.37918	.93863	.19996	3.6560	2.7543	.15860	1.4042
#2	1.0549	.38025	.93703	.20042	3.6979	2.7433	.16021	1.4022
#3	1.0566	.37818	.94009	.20229	3.6960	2.7557	.15946	1.4050

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	4.2515	.13997	1.0162	.48631	1.3710	6.1868	44.779	
Stddev	.0152	.00080	.0008	.00068	.0034	.0318	.242	
%RSD	.35725	.57348	.08098	.14034	.25040	.51407	.53995	

#1	4.2360	.13905	1.0155	.48573	1.3714	6.2163	44.649	
#2	4.2521	.14044	1.0159	.48706	1.3742	6.1912	45.058	
#3	4.2663	.14044	1.0171	.48612	1.3673	6.1531	44.629	

Sample Name: S4 Acquired: 12/22/2017 11:30:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	1138.1	2216.9	50880.	10596.	2970.3
Stddev	5.4	1.1	184.	21.	6.3
%RSD	.47771	.04845	.36176	.19808	.21050
#1	1135.9	2215.8	50782.	10581.	2964.5
#2	1134.1	2217.0	50767.	10587.	2969.7
#3	1144.3	2218.0	51093.	10620.	2976.9

Sample Name: S5 Acquired: 12/22/2017 11:34:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.34818	.45518	7.7166	.70617	1.4929	23.814	57.461	2.9055
Stddev	.00019	.00173	.0211	.00108	.0012	.127	.855	.0144
%RSD	.05538	.38112	.27353	.15321	.08331	.53447	1.4878	.49595

#1	.34839	.45562	7.7129	.70623	1.4914	23.669	56.784	2.8907
#2	.34813	.45327	7.6976	.70506	1.4935	23.864	57.177	2.9063
#3	.34801	.45665	7.7394	.70722	1.4936	23.909	58.422	2.9195

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.093	18.037	2.4874	3.6535	3.4748	6.0075	7.5024	3.5765
Stddev	.010	.120	.0086	.0095	.0216	.0466	.0562	.0284
%RSD	.09437	.66522	.34589	.26110	.62281	.77592	.74899	.79312

#1	10.093	17.935	2.4787	3.6481	3.4498	5.9607	7.4432	3.5470
#2	10.084	18.006	2.4875	3.6479	3.4875	6.0080	7.5092	3.5791
#3	10.103	18.169	2.4959	3.6645	3.4871	6.0539	7.5549	3.6036

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0698	.79796	1.8503	.38796	7.7302	5.5125	.33359	2.6195
Stddev	.0034	.00237	.0019	.00266	.0216	.0298	.00133	.0144
%RSD	.16627	.29642	.10482	.68606	.28012	.54001	.40007	.55168

#1	2.0673	.79696	1.8482	.38492	7.7054	5.4781	.33462	2.6044
#2	2.0684	.80067	1.8520	.38911	7.7398	5.5309	.33209	2.6211
#3	2.0737	.79627	1.8507	.38986	7.7455	5.5284	.33408	2.6332

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	8.5488	.28971	1.9263	.96510	2.6964	12.555	87.274	
Stddev	.0075	.00079	.0110	.00191	.0057	.073	.245	
%RSD	.08746	.27267	.57017	.19745	.21018	.58423	.28040	

#1	8.5457	.28988	1.9139	.96516	2.7001	12.628	87.374	
#2	8.5573	.28885	1.9304	.96317	2.6898	12.556	87.453	
#3	8.5434	.29040	1.9347	.96698	2.6992	12.482	86.995	

Sample Name: S5 Acquired: 12/22/2017 11:34:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	1023.7	2009.9	48592.	10567.	2678.5
Stddev	5.2	1.5	135.	23.	6.2
%RSD	.50598	.07411	.27771	.22155	.23129
#1	1019.1	2011.0	48532.	10593.	2681.5
#2	1022.7	2008.2	48498.	10549.	2682.6
#3	1029.3	2010.5	48747.	10557.	2671.4

Sample Name: S6 Acquired: 12/22/2017 11:38:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	63.257	28.916	15.954	5.8158	5.0820
Stddev	.406	.173	.043	.0237	.0175
%RSD	.64129	.59711	.26982	.40771	.34354

#1	62.830	28.720	15.927	5.7977	5.1008
#2	63.638	28.981	15.932	5.8071	5.0663
#3	63.301	29.046	16.004	5.8427	5.0789

Int. Std.	Y_3710
Units	Cts/S
Avg	10256.
Stddev	28.
%RSD	.27614

#1	10229.
#2	10286.
#3	10253.

Sample Name: ICV Acquired: 12/22/2017 11:50:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.9697590	1.114121	1.004642	1.005690	.9640087	2.336474
Stddev	.0106680	.004779	.000902	.004126	.0042006	.008639
%RSD	1.100062	.4289771	.0897692	.4102852	.4357393	.3697301

#1	.9582560	1.109212	1.005682	1.001777	.9592152	2.335215
#2	.9716939	1.114391	1.004075	1.005292	.9670465	2.345673
#3	.9793270	1.118759	1.004169	1.010001	.9657645	2.328534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5217942	.5035506	.4871361	10.55294	.5230450	.4919529
Stddev	.0025161	.0024921	.0018277	.08145	.0007316	.0022986
%RSD	.4821990	.4949055	.3752015	.7718589	.1398670	.4672418

#1	.5239497	.5045539	.4867202	10.50896	.5235473	.4906820
#2	.5224035	.5053846	.4855522	10.64693	.5222057	.4905703
#3	.5190294	.5007132	.4891360	10.50293	.5233821	.4946063

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5023338	5.567593	.5430994	5.851689	.5051185	.4702821
Stddev	.0075143	.038308	.0041155	.059774	.0026940	.0001065
%RSD	1.495881	.6880576	.7577816	1.021478	.5333420	.0226472

#1	.5050768	5.564280	.5412378	5.833826	.5037728	.4701690
#2	.5080913	5.607450	.5478168	5.918358	.5033623	.4703805
#3	.4938334	5.531049	.5402436	5.802884	.5082202	.4702967

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.867613	.5205389	.9243474	9.179807	F .0119792	F .0055660
Stddev	.109950	.0014837	.0080760	.115031	.0018731	.0006722
%RSD	1.114248	.2850244	.8737007	1.253082	15.63653	12.07599

#1	9.749092	.5222423	.9323976	9.214267	.0125219	.0057655
#2	9.966289	.5198459	.9243988	9.273670	.0135211	.0061158
#3	9.887458	.5195286	.9162457	9.051486	.0098946	.0048167

Sample Name: ICV Acquired: 12/22/2017 11:50:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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 .0000442	.0049903	.0016606	F -.000465	-.000557	.0007337
Stddev	.0000229	.0046820	.0005896	.000843	.000042	.0006296
%RSD	51.82015	93.82090	35.50772	181.2631	7.624398	85.81831

#1	.0000383	.0068904	.0009848	-.001036	-.000550	.0006517
#2	.0000248	.0084235	.0019262	.000503	-.000518	.0001491
#3	.0000694	-.000343	.0020706	-.000862	-.000602	.0014003

Elem	Sr4077
Units	ppm
Avg	.0121284
Stddev	.0000629
%RSD	.5185114

#1	.0120585
#2	.0121463
#3	.0121805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.939	2572.252	57505.47	11345.92	3924.149
Stddev	3.908	4.875	147.02	107.80	7.625
%RSD	.2965424	.1895192	.2556561	.9501464	.1943067

#1	1317.443	2571.414	57391.43	11310.67	3915.663
#2	1314.303	2567.850	57453.59	11260.15	3930.424
#3	1322.072	2577.491	57671.39	11466.93	3926.360

Sample Name: ICB Acquired: 12/22/2017 11:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000843	-.001024	.0009743	.0011015	-.001774	-.002518	-.000985
Stddev	.003005	.000559	.0018176	.0023450	.000125	.000999	.000075
%RSD	356.6254	54.63912	186.5478	212.8907	7.024441	39.69447	7.662539

#1	-.004300	-.000861	.0004269	.0038074	-.001896	-.003294	-.000978
#2	.001147	-.000564	-.000507	-.000340	-.001647	-.002869	-.000913
#3	.000624	-.001647	.003003	-.000163	-.001779	-.001390	-.001064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.000024	.0024140	.0004179	.0000123	.0023373	.0018671
Stddev	.000026	.000003	.0034467	.0005506	.0002374	.0014001	.0026950
%RSD	58.68255	12.23505	142.7797	131.7616	1930.925	59.90201	144.3413

#1	-.000027	-.000027	.0004947	.0009937	.0002034	.0007376	.0041967
#2	-.000032	-.000025	.0063931	.0003636	.0000870	.0029346	.0024892
#3	-.000075	-.000021	.0003542	-.000104	-.000254	.0033397	-.001085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	.0067644	.0002773	.0001200	-.004896	-.000562	-.000879
Stddev	.000318	.0064419	.0000912	.0002444	.077385	.001375	.002475
%RSD	277.3481	95.23191	32.87855	203.6929	1580.626	244.8370	281.5904

#1	-.000427	.0081422	.0003665	.0003880	.084142	.000269	-.000110
#2	.000209	.0124060	.0001843	-.000091	-.042883	-.002149	-.003647
#3	-.000127	-.000255	.0002810	.000063	-.055946	.000195	.001120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.196417	-.001087	-.004867	.0000138	-.005877	-.002069	-.000822
Stddev	.011491	.000864	.000189	.0001499	.002988	.000273	.000371
%RSD	5.850072	79.47960	3.884174	1090.241	50.83644	13.19193	45.17524

#1	-.195913	-.000315	-.004829	.0001775	-.002480	-.002364	-.000483
#2	-.185186	-.000925	-.005072	-.000117	-.008097	-.002019	-.000764
#3	-.208151	-.002021	-.004700	-.000020	-.007054	-.001825	-.001219

Sample Name: ICB Acquired: 12/22/2017 11:55:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001842	-.002060	-.000029
Stddev	.0001125	.000239	.000036
%RSD	61.09367	11.60729	125.7957

#1	.0002521	-.002291	-.000047
#2	.0002462	-.002076	-.000053
#3	.0000543	-.001813	.000013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.099	2605.901	59094.52	11427.49	4162.937
Stddev	6.642	15.674	100.63	74.45	17.358
%RSD	.4971208	.6014728	.1702804	.6515001	.4169699

#1	1329.100	2588.155	58978.38	11341.53	4142.920
#2	1336.882	2611.698	59155.45	11469.44	4172.059
#3	1342.315	2617.851	59149.74	11471.49	4173.833

Sample Name: ICSA Acquired: 12/22/2017 12:13:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0082559	-.009680	-.001913	.0017573	.0040584	246.2178
Stddev	.0012308	.000506	.001482	.0037659	.0030099	.7312
%RSD	14.90782	5.225030	77.48416	214.3040	74.16401	.2969877

#1	.0076580	-.010124	-.001784	.0043676	.0074789	245.3983
#2	.0096714	-.009785	-.000500	.0034641	.0018145	246.4513
#3	.0074382	-.009129	-.003456	-.002560	.0028819	246.8037

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052189	.0010022	-.000511	266.0788	.0613039	.0012326
Stddev	.0001761	.0000431	.000267	.8589	.0006137	.0002701
%RSD	3.375037	4.298577	52.32699	.3227967	1.001022	21.91413

#1	.0050177	.0009704	-.000697	265.6059	.0612840	.0015443
#2	.0052936	.0009850	-.000205	265.5602	.0607004	.0010676
#3	.0053453	.0010513	-.000630	267.0702	.0619273	.0010859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	107.7320	.0110788	267.6817	.0006695	-.006277
Stddev	.000787	.3390	.0007399	.8639	.0006941	.000200
%RSD	2577.819	.3146800	6.678823	.3227205	103.6660	3.193188

#1	.000875	107.4068	.0114329	266.8875	.0011564	-.006311
#2	-.000418	107.7058	.0115752	267.5562	-.000125	-.006458
#3	-.000548	108.0833	.0102284	268.6015	.000977	-.006062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1552379	.0001417	.0083592	-.571695	-.001376	F .1889443
Stddev	.0258615	.0032548	.0036073	.036987	.005091	.0010676
%RSD	16.65926	2296.694	43.15400	6.469626	369.8770	.5650519

#1	.1467139	-.001960	.0048616	-.530952	-.003546	.1879251
#2	.1842855	-.001506	.0081490	-.603158	-.005024	.1900545
#3	.1347144	.003891	.0120670	-.580975	.004440	.1888534

Sample Name: ICSA Acquired: 12/22/2017 12:13:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0006160	.0074445	-.005115	-.005046	.0003388	-.001863
Stddev	.0001581	.0048018	.001965	.002099	.0002359	.000440
%RSD	25.66622	64.50056	38.41459	41.58852	69.62315	23.63932

#1	.0005842	.0039547	-.006637	-.006818	.0003130	-.002034
#2	.0004762	.0054582	-.005811	-.002728	.0005865	-.001362
#3	.0007876	.0129207	-.002897	-.005592	.0001169	-.002192

Elem	Sr4077
Units	ppm
Avg	.1067743
Stddev	.0001131
%RSD	.1059127

#1	.1066443
#2	.1068282
#3	.1068503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1188.964	2291.237	51169.98	11060.89	3108.899
Stddev	8.288	6.296	145.09	64.76	6.527
%RSD	.6971177	.2748033	.2835493	.5855059	.2099301

#1	1185.270	2284.130	51165.50	11003.49	3101.460
#2	1183.165	2296.119	51027.18	11131.10	3113.663
#3	1198.457	2293.461	51317.26	11048.07	3111.574

Sample Name: ICSAB Acquired: 12/22/2017 12:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.1180458	.0996117	.0564669	.0560576	.6392418	253.3829
Stddev	.0028080	.0050644	.0014473	.0053579	.0031995	1.3522
%RSD	2.378772	5.084139	2.563134	9.557807	.5005212	.5336547

#1	.1154820	.0945717	.0561075	.0533227	.6384203	252.2403
#2	.1176088	.1047002	.0580601	.0622310	.6427720	254.8758
#3	.1210468	.0995631	.0552331	.0526192	.6365331	253.0327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5632297	.5238417	1.092800	269.6576	.6119852	.5501848
Stddev	.0012320	.0010312	.001416	1.5873	.0007640	.0014567
%RSD	.2187403	.1968576	.1295860	.5886248	.1248426	.2647672

#1	.5623594	.5243516	1.091221	267.8560	.6127585	.5489329
#2	.5646394	.5245187	1.093223	270.2669	.6119664	.5498377
#3	.5626904	.5226549	1.093957	270.8500	.6112308	.5517837

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5246836	109.6718	.5693365	273.4710	1.102092	.1789627
Stddev	.0015474	.4199	.0021135	1.2998	.000959	.0007572
%RSD	.2949214	.3828551	.3712183	.4752987	.0869811	.4230952

#1	.5228980	109.1947	.5669470	271.9749	1.103188	.1786150
#2	.5256308	109.9851	.5709609	274.3224	1.101407	.1798313
#3	.5255221	109.8357	.5701015	274.1158	1.101683	.1784418

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111339	.5385585	1.081359	-.273540	.0157271	F .7344235
Stddev	.0442684	.0051786	.009718	.028584	.0012047	.0002973
%RSD	20.96700	.9615641	.8986911	10.44954	7.659922	.0404778

#1	.1600651	.5440124	1.070139	-.251876	.0161411	.7342811
#2	.2347502	.5379550	1.087136	-.262808	.0143700	.7347651
#3	.2385864	.5337081	1.086801	-.305937	.0166703	.7342242

Sample Name: ICSAB Acquired: 12/22/2017 12:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5949807	.0340702	.5441310	F .5991855	.5965951	.0067319
Stddev	.0012030	.0046222	.0018372	.0024569	.0017509	.0004753
%RSD	.2021890	13.56655	.3376479	.4100395	.2934781	7.060740

#1	.5957080	.0347005	.5431761	.5981998	.5946683	.0062119
#2	.5935921	.0291653	.5429679	.6019822	.5980887	.0071440
#3	.5956419	.0383449	.5462491	.5973745	.5970284	.0068398

Elem	Sr4077
Units	ppm
Avg	.1160719
Stddev	.0001373
%RSD	.1183195

#1	.1162270
#2	.1159657
#3	.1160231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.506	2253.669	50540.53	11025.65	3057.759
Stddev	6.441	12.266	128.10	50.53	13.444
%RSD	.5583605	.5442791	.2534675	.4583086	.4396732

#1	1146.503	2239.534	50408.95	10971.67	3042.991
#2	1154.837	2259.964	50547.79	11033.46	3060.996
#3	1159.176	2261.510	50664.84	11071.82	3069.289

Sample Name: CCV054 Acquired: 12/22/2017 12:21:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051392	4.843014	24.04969	5.000626	5.031005	376.7130	9.723433
Stddev	.023747	.010805	.02464	.006564	.006751	1.0951	.017293
%RSD	.4701148	.2231045	.1024642	.1312695	.1341905	.2906949	.1778465

#1	5.026768	4.831933	24.04086	4.995744	5.023998	377.9707	9.737352
#2	5.074153	4.853520	24.07754	5.008088	5.037467	375.9705	9.704074
#3	5.053255	4.843589	24.03068	4.998044	5.031551	376.1978	9.728872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4764917	2.466424	384.8071	14.99444	2.470881	14.38472	385.9839
Stddev	.0004277	.003226	.8111	.03802	.003802	.06041	.1375
%RSD	.0897620	.1307831	.2107729	.2535641	.1538575	.4199894	.0356323

#1	.4768382	2.463185	383.8987	14.95337	2.466596	14.45425	385.8938
#2	.4760137	2.469636	385.0641	15.02840	2.473847	14.34499	385.9156
#3	.4766234	2.466452	385.4586	15.00156	2.472202	14.35493	386.1422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49376	385.8684	2.468498	1.318905	375.9357	2.416200	14.88525
Stddev	.02668	.2456	.004559	.005028	.9171	.014797	.02435
%RSD	.1840670	.0636500	.1846838	.3812241	.2439551	.6123969	.1635900

#1	14.47019	385.6375	2.464056	1.318458	376.9005	2.426986	14.86983
#2	14.48835	386.1265	2.473165	1.324141	375.0752	2.422283	14.87259
#3	14.52272	385.8412	2.468273	1.314115	375.8313	2.399331	14.91332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.4050	4.988183	5.018642	4.952796	5.010704	4.617529	4.944367
Stddev	.3432	.019599	.005264	.004690	.018679	.003258	.006435
%RSD	.2360002	.3929179	.1048840	.0947036	.3727889	.0705545	.1301435

#1	145.7861	4.972254	5.017499	4.947925	4.994101	4.621192	4.943886
#2	145.3083	5.010070	5.024384	4.953180	5.030929	4.616437	4.951029
#3	145.1206	4.982225	5.014044	4.957282	5.007082	4.614957	4.938187

Sample Name: CCV054 Acquired: 12/22/2017 12:21:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.874312	5.005459	5.007390
Stddev	.004222	.023489	.009926
%RSD	.0866119	.4692692	.1982356

#1	4.870501	5.032189	5.012510
#2	4.873586	4.996079	4.995949
#3	4.878850	4.988110	5.013711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1034.260	2014.840	47504.89	10631.08	2669.874
Stddev	6.776	.857	221.11	42.06	6.564
%RSD	.6551807	.0425278	.4654429	.3956534	.2458431

#1	1027.038	2014.028	47317.08	10585.81	2670.017
#2	1035.260	2014.756	47449.01	10638.47	2663.239
#3	1040.480	2015.735	47748.58	10668.95	2676.364

Sample Name: CCB054 Acquired: 12/22/2017 12:25:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010388	-.000308	.0006921	.0014241	-.000223	.0072314	-.001055
Stddev	.0034675	.000641	.0004442	.0013976	.001161	.0028490	.000255
%RSD	333.8131	208.0007	64.18627	98.13998	521.3517	39.39773	24.13645

#1	.0037838	.000430	.0002058	.0018893	.001023	.0105206	-.001346
#2	-.002858	-.000629	.0010767	.0025298	-.001275	.0056419	-.000870
#3	.002190	-.000726	.0007938	-.000147	-.000416	.0055319	-.000950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000617	.0000362	.0032918	.0003803	-.000020	.0013791	.0038304
Stddev	.0000474	.0000537	.0061869	.0004345	.000147	.0014212	.0020380
%RSD	76.73872	148.3992	187.9465	114.2568	728.6344	103.0510	53.20641

#1	.0000634	.0000682	.0103696	.0006248	-.000171	.0030066	.0061277
#2	.0000136	.0000662	.0005935	.0006375	-.000014	.0007475	.0031234
#3	.0001083	-.000026	-.001088	-.000121	.000124	.0003832	.0022400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	-.007634	-.000038	.0003781	-.026366	.0004884	.0008166
Stddev	.000121	.015274	.000316	.0000705	.120246	.0011015	.0008602
%RSD	170.4771	200.0843	824.8100	18.64926	456.0636	225.5219	105.3379

#1	-.000075	-.015986	-.000397	.0004284	.068350	-.000474	.0000980
#2	.000052	-.016910	.000197	.0004084	-.161648	.001690	.0017697
#3	-.000190	.009995	.000086	.0002975	.014200	.000249	.0005821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.126835	-.001351	-.000599	.0000343	-.003153	-.002662	-.000115
Stddev	.014175	.001570	.000565	.0001885	.003144	.000796	.000923
%RSD	11.17624	116.1833	94.44592	549.8140	99.73206	29.90350	803.7019

#1	-.141636	-.003161	-.000041	-.000183	-.006402	-.002785	-.001171
#2	-.125486	-.000535	-.000583	.000158	-.002929	-.001811	.000535
#3	-.113382	-.000358	-.001172	.000127	-.000126	-.003389	.000292

Sample Name: CCB054 Acquired: 12/22/2017 12:25:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000330	.0015075	.0000267
Stddev	.000463	.0001803	.0000440
%RSD	140.1974	11.96173	165.0036

#1	-.000829	.0016941	.0000538
#2	.000085	.0014942	.0000503
#3	-.000246	.0013342	-.000024

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.034	2562.236	59012.26	11454.34	4114.774
Stddev	3.473	10.123	200.81	30.21	9.621
%RSD	.2631140	.3950721	.3402901	.2637457	.2338220

#1	1322.666	2550.548	58838.46	11422.27	4103.664
#2	1316.097	2568.204	58966.23	11458.50	4120.253
#3	1321.338	2567.955	59232.09	11482.26	4120.404

Sample Name: PB105220BL Acquired: 12/22/2017 12:29:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	-.000963	-.000841	-.000661	.0012876	-.001087	.0043859	-.001301
Stddev	.001782	.002286	.000952	.0023614	.001741	.0040257	.000109
%RSD	185.0626	271.9205	144.0319	183.3934	160.2553	91.78863	8.391490

#1	.000720	-.002828	-.001655	.0017620	.000879	.0032925	-.001320
#2	-.000779	.001658	-.000571	-.001275	-.002435	.0010198	-.001399
#3	-.002829	-.001352	.000243	.003376	-.001705	.0088454	-.001183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000166	-.000444	.0001081	.0001207	.0016260	.0016778
Stddev	.000030	.0000533	.000555	.0005224	.0000502	.0010638	.0055979
%RSD	90.03087	321.7433	124.9860	483.3922	41.56000	65.42041	333.6499

#1	-.000001	.0000427	-.000466	-.000350	.0001095	.0023230	-.001930
#2	-.000060	-.000045	-.000988	-.000003	.0000771	.0004016	-.001163
#3	-.000040	.000052	.000122	.000677	.0001755	.0021534	.008126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000511	-.001800	-.000200	.0002996	-.024018	-.000084	-.002570
Stddev	.000356	.004967	.000315	.0000485	.106111	.001005	.002834
%RSD	69.75138	275.8849	157.7593	16.17514	441.8044	1202.078	110.3025

#1	-.000744	-.006228	.000015	.0002844	.019783	.000559	.000207
#2	-.000689	.003570	-.000562	.0003538	-.145017	-.001241	-.002458
#3	-.000101	-.002743	-.000053	.0002606	.053182	.000432	-.005458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198791	-.000829	-.003955	.0000058	-.003490	-.002170	.0004115
Stddev	.013329	.002332	.000356	.0000821	.003275	.000645	.0002497
%RSD	6.704771	281.2099	9.009013	1424.513	93.84021	29.73476	60.67579

#1	-.200989	.001091	-.003578	.0000961	-.006286	-.002500	.0001232
#2	-.184501	-.003424	-.004286	-.000064	-.004298	-.002582	.0005521
#3	-.210885	-.000155	-.004001	-.000014	.000113	-.001426	.0005593

Sample Name: PB105220BL Acquired: 12/22/2017 12:29:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	-.000447	-.002250	-.000042
Stddev	.000857	.000329	.000024
%RSD	191.9263	14.62457	55.34422

#1	-.000495	-.002615	-.000030
#2	-.001278	-.002161	-.000070
#3	.000434	-.001975	-.000028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1308.918	2532.606	58311.05	11382.03	4058.999
Stddev	7.045	14.804	211.64	46.09	10.752
%RSD	.5382035	.5845460	.3629473	.4049029	.2648932

#1	1302.777	2516.276	58189.96	11340.93	4046.879
#2	1307.367	2545.150	58187.77	11373.30	4067.389
#3	1316.609	2536.391	58555.43	11431.85	4062.729

Sample Name: I6800-03 Acquired: 12/22/2017 12:38:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0298 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327956	.0049983	.2649052	.0086808	.0065892	75.77731
Stddev	.0002149	.0022958	.0015486	.0017819	.0007078	.09713
%RSD	.6552223	45.93298	.5845907	20.52693	10.74210	.1281809

#1	.0329939	.0039801	.2656839	.0070395	.0066168	75.82555
#2	.0325673	.0033875	.2631218	.0084267	.0072828	75.66550
#3	.0328258	.0076271	.2659100	.0105761	.0058680	75.84088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.575803	.0289799	.0109376	20.16130	5.237601	3.008465
Stddev	.011941	.0000702	.0001248	.20613	.008313	.007463
%RSD	.2141502	.2422232	1.141393	1.022412	.1587243	.2480541

#1	5.588405	.0289189	.0110705	19.92799	5.238564	2.999881
#2	5.564657	.0289642	.0108228	20.23716	5.228848	3.012103
#3	5.574349	.0290567	.0109195	20.31876	5.245391	3.013411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.455820	252.7262	F 40.30155	32.74799	2.960302	-.011475
Stddev	.007718	1.3221	.21143	.18178	.005359	.000359
%RSD	.5301156	.5231379	.5246248	.5550902	.1810312	3.129811

#1	1.463795	251.2147	40.06071	32.53810	2.955421	-.011697
#2	1.448388	253.2959	40.38729	32.85439	2.959449	-.011061
#3	1.455276	253.6679	40.45664	32.85149	2.966037	-.011668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569552	.2463685	1.112570	24.81445	3.190945	.4535225
Stddev	.021735	.0015474	.004925	.13251	.009352	.0047136
%RSD	1.384786	.6280704	.4426952	.5340128	.2930793	1.039327

#1	1.590618	.2479184	1.107005	24.96741	3.193275	.4480825
#2	1.547205	.2463633	1.114337	24.73463	3.180649	.4560924
#3	1.570832	.2448237	1.116369	24.74130	3.198912	.4563925

Sample Name: I6800-03 Acquired: 12/22/2017 12:38:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0298 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144864	.6014994	1.522033	.0092035	2.042516	.0578200
Stddev	.0006828	.0070072	.010838	.0008938	.010978	.0005160
%RSD	4.713088	1.164950	.7120468	9.711049	.5374944	.8923385

#1	.0151668	.5995041	1.518417	.0084344	2.030609	.0572905
#2	.0138013	.5957063	1.513465	.0101840	2.044700	.0583212
#3	.0144911	.6092878	1.534216	.0089922	2.052238	.0578485

Elem	Sr4077
Units	ppm
Avg	.2332781
Stddev	.0002412
%RSD	.1033931

#1	.2332059
#2	.2330813
#3	.2335472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.793	2690.071	64584.19	13481.73	3385.281
Stddev	9.264	7.105	166.06	30.23	5.513
%RSD	.6604144	.2641233	.2571285	.2241951	.1628617

#1	1394.336	2682.304	64573.03	13516.47	3379.849
#2	1401.349	2691.665	64423.98	13467.24	3385.123
#3	1412.695	2696.243	64755.54	13461.47	3390.872

Sample Name: I6800-04 Acquired: 12/22/2017 12:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224459	-.007004	.3944932	.0095516	.2243909	109.2840
Stddev	.0042848	.002485	.0012831	.0039399	.0046061	.3179
%RSD	19.08962	35.47315	.3252453	41.24867	2.052690	.2908549

#1	.0234055	-.009823	.3943788	.0089322	.2284864	108.9527
#2	.0177626	-.005135	.3958296	.0059581	.2194045	109.3127
#3	.0261696	-.006054	.3932711	.0137645	.2252819	109.5865

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.769402	.0222856	.0143929	82.15648	F 68.89169	2.509308
Stddev	.008589	.0001174	.0003835	.48721	.18325	.017098
%RSD	.3101267	.5267610	2.664580	.5930267	.2659951	.6813657

#1	2.759583	.0224059	.0142633	82.44157	68.68606	2.505002
#2	2.775521	.0221713	.0148244	81.59391	69.03772	2.528147
#3	2.773101	.0222797	.0140910	82.43395	68.95130	2.494775

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.600087	219.6278	21.53341	38.33693	F 6.237526	-.005229
Stddev	.005151	.9863	.11271	.19137	.043058	.000204
%RSD	.3219061	.4490893	.5234363	.4991772	.6903010	3.898302

#1	1.594865	220.4743	21.63539	38.48585	6.234551	-.005309
#2	1.605163	218.5447	21.41239	38.12109	6.281994	-.005381
#3	1.600234	219.8643	21.55245	38.40386	6.196033	-.004998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.962758	.3462411	3.343174	11.25156	13.11747	.4195087
Stddev	.095583	.0017622	.015457	.10660	.05435	.0027522
%RSD	3.226162	.5089538	.4623410	.9473987	.4143171	.6560505

#1	2.982499	.3445618	3.353335	11.12922	13.09094	.4200525
#2	3.046930	.3460856	3.325386	11.32448	13.17998	.4165252
#3	2.858846	.3480759	3.350801	11.30097	13.08148	.4219484

Sample Name: I6800-04 Acquired: 12/22/2017 12:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02A1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218144	15.59645	2.646049	.0184260	1.540642	.1560331
Stddev	.0001409	.06800	.027904	.0002553	.004342	.0015669
%RSD	.6459450	.4359899	1.054543	1.385291	.2818471	1.004177

#1	.0217830	15.56227	2.677555	.0185514	1.541626	.1543516
#2	.0219684	15.67476	2.636140	.0185944	1.535892	.1574521
#3	.0216919	15.55232	2.624452	.0181323	1.544408	.1562957

Elem	Sr4077
Units	ppm
Avg	.6457249
Stddev	.0013337
%RSD	.2065375

#1	.6443474
#2	.6470099
#3	.6458173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1083.431	2214.254	65049.72	14354.61	3240.253
Stddev	2.501	15.380	140.41	104.77	23.019
%RSD	.2308170	.6945758	.2158460	.7298594	.7104103

#1	1081.192	2198.683	64909.87	14233.65	3224.600
#2	1086.130	2214.644	65048.61	14413.60	3229.475
#3	1082.971	2229.435	65190.67	14416.59	3266.684

Sample Name: I6800-09 Acquired: 12/22/2017 12:46:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0299 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0702242	-.036899	.3736994	.0097793	.0391195	145.0933
Stddev	.0058078	.002889	.0011763	.0049608	.0030798	.0906
%RSD	8.270421	7.829020	.3147691	50.72731	7.872760	.0624551

#1	.0698389	-.040210	.3723478	.0093534	.0378608	145.0860
#2	.0762151	-.035601	.3742593	.0050452	.0426293	145.0065
#3	.0646186	-.034887	.3744913	.0149393	.0368685	145.1873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.086331	.0334528	.0172196	40.20494	F 32.70044	2.154169
Stddev	.007107	.0002190	.0002001	.16520	.14080	.006413
%RSD	.2302670	.6545235	1.161920	.4108884	.4305659	.2977149

#1	3.094155	.0336864	.0170148	40.03410	32.66615	2.152772
#2	3.084563	.0332523	.0174146	40.36385	32.57996	2.148569
#3	3.080275	.0334197	.0172295	40.21687	32.85522	2.161166

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916409	320.0834	4.123003	48.29962	3.804509	-.009373
Stddev	.006058	.5098	.014971	.15503	.013689	.000306
%RSD	.3160884	.1592675	.3631026	.3209704	.3598128	3.265859

#1	1.917094	319.5402	4.113293	48.14376	3.798643	-.009724
#2	1.910038	320.5515	4.140243	48.30129	3.794730	-.009159
#3	1.922095	320.1584	4.115472	48.45381	3.820153	-.009238

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.570407	.4838419	2.541496	30.63319	14.87741	.5725837
Stddev	.062392	.0037458	.001817	.12019	.06284	.0012678
%RSD	1.365129	.7741805	.0715105	.3923601	.4223901	.2214152

#1	4.601067	.4880375	2.539517	30.74525	14.92217	.5711518
#2	4.611537	.4808337	2.543090	30.50625	14.80557	.5730359
#3	4.498617	.4826546	2.541881	30.64807	14.90449	.5735634

Sample Name: I6800-09 Acquired: 12/22/2017 12:46:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0299 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185733	11.15414	1.993647	.0169084	1.834737	.1321440
Stddev	.0004254	.05104	.003720	.0008122	.005714	.0005260
%RSD	2.290307	.4575557	.1865747	4.803615	.3114444	.3980790

#1	.0186766	11.18177	1.992383	.0174832	1.838942	.1327055
#2	.0189376	11.09524	1.997834	.0159792	1.837037	.1320637
#3	.0181058	11.18540	1.990725	.0172627	1.828231	.1316626

Elem	Sr4077
Units	ppm
Avg	.2661503
Stddev	.0003106
%RSD	.1166914

#1	.2664749
#2	.2661199
#3	.2658560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.326	2577.080	67687.76	14573.09	3256.242
Stddev	7.006	20.642	258.41	68.97	14.310
%RSD	.5334415	.8010010	.3817710	.4732717	.4394508

#1	1314.576	2558.198	67418.24	14519.10	3241.643
#2	1305.779	2573.923	67933.40	14549.38	3256.838
#3	1319.622	2599.120	67711.64	14650.79	3270.244

Sample Name: I6800-14 Acquired: 12/22/2017 13:06:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728034	-.009849	.1835534	.0142585	.0084514	58.17506	3.271491
Stddev	.0018584	.000660	.0010959	.0016140	.0016882	.21901	.008631
%RSD	2.552677	6.701700	.5970387	11.31938	19.97581	.3764734	.2638329

#1	.0731616	-.009163	.1828341	.0134413	.0102788	58.03215	3.270424
#2	.0744567	-.009905	.1830114	.0132165	.0069498	58.42721	3.280606
#3	.0707919	-.010479	.1848146	.0161176	.0081257	58.06584	3.263442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096731	.0181501	51.72191	2.011278	.2738580	.2842847	292.0506
Stddev	.0001084	.0001296	.41486	.002842	.0004940	.0011407	1.5594
%RSD	1.120157	.7141525	.8020937	.1413070	.1803984	.4012501	.5339639

#1	.0095627	.0181297	51.24288	2.008085	.2741270	.2837323	290.4142
#2	.0097793	.0180318	51.96405	2.012219	.2732878	.2855964	293.5197
#3	.0096774	.0182887	51.95880	2.013530	.2741591	.2835253	292.2178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.89216	54.94948	1.338548	-.011984	1.760057	.2444631	1.458267
Stddev	.16958	.26948	.003260	.000172	.079597	.0016373	.011651
%RSD	.6079678	.4904056	.2435712	1.438367	4.522386	.6697711	.7989705

#1	27.70841	54.64237	1.337631	-.011986	1.696021	.2438173	1.471695
#2	28.04262	55.14638	1.335845	-.012156	1.849173	.2432472	1.450830
#3	27.92546	55.05969	1.342169	-.011811	1.734976	.2463249	1.452277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.73257	9.075619	.5066375	.0284918	1.464542	2.884552	.0079343
Stddev	.06957	.026392	.0013159	.0001735	.007677	.020066	.0017415
%RSD	.5066072	.2907973	.2597312	.6087972	.5241574	.6956252	21.94878

#1	13.70066	9.080578	.5054416	.0285411	1.455688	2.863088	.0091777
#2	13.81237	9.099179	.5064238	.0282991	1.468617	2.902840	.0059439
#3	13.68468	9.047099	.5080472	.0286353	1.469322	2.887729	.0086813

Sample Name: I6800-14 Acquired: 12/22/2017 13:06:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9244453	.1018672	.5194620
Stddev	.0038372	.0004703	.0006259
%RSD	.4150786	.4616587	.1204937

#1	.9200208	.1018130	.5192924
#2	.9264536	.1023622	.5201552
#3	.9268616	.1014263	.5189383

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.057	2501.457	61521.44	12937.73	3338.638
Stddev	14.877	7.279	272.15	47.88	7.036
%RSD	1.124435	.2909900	.4423624	.3700987	.2107521

#1	1305.887	2493.225	61212.99	12951.83	3330.520
#2	1332.111	2504.105	61727.71	12884.37	3342.978
#3	1331.173	2507.042	61623.63	12976.97	3342.416

Sample Name: I6800-16 Acquired: 12/22/2017 13:10:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02E1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449350	-.004782	.2123855	.0107622	.0068104	75.21392	2.063658
Stddev	.0029990	.001432	.0024692	.0028501	.0021973	.23730	.004101
%RSD	6.674099	29.94380	1.162588	26.48238	32.26431	.3154959	.1987357

#1	.0426239	-.006423	.2144672	.0140525	.0090400	75.26201	2.066829
#2	.0483239	-.004135	.2130318	.0091786	.0046468	75.42349	2.065119
#3	.0438570	-.003788	.2096574	.0090557	.0067444	74.95626	2.059027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114729	.0185013	28.95913	3.778618	.2930742	.3599714	262.1116
Stddev	.0000928	.0000803	.05808	.014549	.0007957	.0015052	.4847
%RSD	.8086412	.4341772	.2005416	.3850253	.2715075	.4181361	.1849149

#1	.0115097	.0184583	28.89367	3.789426	.2925684	.3592555	262.5921
#2	.0113674	.0184516	28.97930	3.762076	.2939914	.3617009	262.1197
#3	.0115417	.0185940	29.00444	3.784351	.2926628	.3589578	261.6229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.52365	51.56396	1.388629	-.010386	1.823225	.2157604	1.836337
Stddev	.01934	.11712	.003474	.000085	.019919	.0013730	.016389
%RSD	.0822218	.2271287	.2501396	.8170729	1.092502	.6363638	.8924745

#1	23.52162	51.54215	1.388988	-.010320	1.806972	.2156166	1.820478
#2	23.54392	51.69045	1.391909	-.010482	1.817257	.2171996	1.853208
#3	23.50540	51.45928	1.384989	-.010357	1.845445	.2144649	1.835325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.83469	4.932068	.4534366	.0233393	2.809555	1.628862	.0080498
Stddev	.09178	.033512	.0034028	.0000995	.019957	.002717	.0021043
%RSD	.5146099	.6794683	.7504561	.4263124	.7103173	.1667995	26.14125

#1	17.91918	4.958793	.4567704	.0232471	2.823010	1.627137	.0056386
#2	17.84786	4.942940	.4535707	.0233260	2.819029	1.627455	.0089949
#3	17.73704	4.894470	.4499687	.0234448	2.786626	1.631993	.0095158

Sample Name: I6800-16 Acquired: 12/22/2017 13:10:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC02E1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9413417	.1112620	.2760387
Stddev	.0010991	.0004583	.0005092
%RSD	.1167641	.4118870	.1844671

#1	.9402374	.1115330	.2765461
#2	.9413522	.1115202	.2760423
#3	.9424356	.1107329	.2755277

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.474	2432.485	59382.37	12402.20	3383.081
Stddev	2.592	13.913	306.30	41.70	10.054
%RSD	.2027416	.5719811	.5158175	.3361907	.2971856

#1	1278.540	2420.316	59112.43	12357.34	3375.727
#2	1275.849	2429.487	59319.41	12409.48	3378.979
#3	1281.031	2447.654	59715.26	12439.77	3394.538

Sample Name: BL Acquired: 12/22/2017 13:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001873	-.000731	-.000342	-.001209	-.001250	-.000183	-.001245
Stddev	.002330	.001028	.000550	.001887	.000676	.002302	.000189
%RSD	124.3790	140.6757	160.7244	156.0586	54.06808	1258.264	15.21478

#1	-.003890	-.001762	.000152	-.001525	-.001889	-.002630	-.001464
#2	.000677	.000295	-.000934	.000816	-.000542	.001938	-.001137
#3	-.002406	-.000726	-.000245	-.002918	-.001320	.000143	-.001134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000066	.0000175	-.007411	.0002183	.0000279	.0006711	.0037905
Stddev	.0000798	.0000540	.005967	.0003278	.0002428	.0013957	.0072265
%RSD	1211.548	309.5245	80.51708	150.1752	870.7936	207.9807	190.6468

#1	.0000768	-.000030	-.000588	.0003378	.0002768	.0021545	-.003226
#2	.0000232	.000076	-.011656	.0004695	.0000152	.0004749	.011210
#3	-.000080	.000006	-.009989	-.000153	-.000208	-.000616	.003387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	-.018912	-.000113	.0004277	-.017235	-.001030	.0003441
Stddev	.000088	.008850	.000068	.0001327	.047051	.000844	.0040416
%RSD	136.3876	46.79342	60.06191	31.03166	272.9991	81.98094	1174.577

#1	.000037	-.016240	-.000035	.0005805	-.024607	-.000245	.0007007
#2	-.000113	-.011707	-.000156	.0003417	-.060165	-.000922	-.003864
#3	-.000118	-.028790	-.000149	.0003608	.033067	-.001923	.004196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.144219	-.002284	-.007855	.0000958	-.000171	-.001479	-.000947
Stddev	.021349	.001594	.000671	.0000343	.001614	.000685	.001154
%RSD	14.80354	69.78677	8.544396	35.82970	946.2418	46.31720	121.8824

#1	-.168850	-.000662	-.008253	.0001353	.000017	-.000927	-.002072
#2	-.131030	-.003849	-.007080	.0000733	.001342	-.002246	.000234
#3	-.132775	-.002342	-.008232	.0000788	-.001871	-.001266	-.001003

Sample Name: BL Acquired: 12/22/2017 13:14:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003039	-.004235	-.000023
Stddev	.0002963	.000760	.000029
%RSD	97.50904	17.93957	126.3898

#1	.0000596	-.004830	-.000014
#2	.0006335	-.003379	-.000054
#3	.0002185	-.004495	.000001

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.153	2490.129	58937.04	11382.65	4053.601
Stddev	5.150	11.820	298.25	44.37	19.339
%RSD	.3945768	.4746870	.5060480	.3898308	.4770809

#1	1303.038	2481.251	58727.64	11365.95	4035.093
#2	1301.398	2485.591	58804.97	11349.05	4052.033
#3	1311.024	2503.546	59278.53	11432.95	4073.676

Sample Name: BS Acquired: 12/22/2017 13:18:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193419	.0572388	.0217841	.0760938	.1290523	.4246533
Stddev	.0040309	.0014359	.0012196	.0032811	.0017229	.0059546
%RSD	20.84044	2.508521	5.598628	4.311973	1.335062	1.402233

#1	.0238611	.0556045	.0214256	.0748356	.1307564	.4184248
#2	.0161173	.0582977	.0231429	.0736280	.1273112	.4302898
#3	.0180473	.0578141	.0207840	.0798178	.1290891	.4252452

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4358498	.0112479	.0106817	11.02289	.0235340	.1022487
Stddev	.0013981	.0001355	.0000511	.11742	.0002748	.0002943
%RSD	.3207652	1.204563	.4783087	1.065279	1.167706	.2878387

#1	.4348773	.0110973	.0106342	10.89459	.0233522	.1020750
#2	.4374519	.0113599	.0107358	11.12503	.0238501	.1025885
#3	.4352201	.0112866	.0106753	11.04905	.0233997	.1020825

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555771	.2449470	.0348799	10.54072	.0863193	.0194380
Stddev	.0013087	.0068408	.0004637	.04239	.0004897	.0001783
%RSD	2.354683	2.792771	1.329408	.4021163	.5673506	.9174858

#1	.0554583	.2515472	.0343971	10.50528	.0859246	.0194816
#2	.0543319	.2378886	.0349209	10.58767	.0861659	.0195905
#3	.0569411	.2454052	.0353218	10.52920	.0868673	.0192419

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37805	.1137459	.1190562	9.980396	F .0271671	F .0131137
Stddev	.06384	.0016561	.0009752	.043449	.0020633	.0011255
%RSD	.6151605	1.455978	.8191377	.4353408	7.594952	8.582919

#1	10.39660	.1120524	.1201456	9.971335	.0247848	.0119811
#2	10.43056	.1153619	.1187586	10.02766	.0283870	.0142320
#3	10.30699	.1138232	.1182644	9.94219	.0283294	.0131281

Sample Name: BS Acquired: 12/22/2017 13:18:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225534	.1855534	.2151551	F .0141063	.2072195	.0980360
Stddev	.0001085	.0029439	.0002018	.0002349	.0011118	.0003026
%RSD	.4808853	1.586552	.0937812	1.665438	.5365306	.3086800

#1	.0224295	.1834443	.2149263	.0138470	.2061799	.0979612
#2	.0226000	.1889167	.2153075	.0143048	.2083916	.0977779
#3	.0226308	.1842993	.2152316	.0141672	.2070869	.0983691

Elem	Sr4077
Units	ppm
Avg	.2187304
Stddev	.0003731
%RSD	.1705744

#1	.2185337
#2	.2191607
#3	.2184968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.409	2444.636	57323.05	11195.44	3806.346
Stddev	7.440	6.387	122.28	61.02	8.011
%RSD	.5774652	.2612616	.2133149	.5450252	.2104577

#1	1296.991	2437.548	57461.64	11194.15	3799.496
#2	1284.474	2446.414	57277.13	11135.08	3804.386
#3	1283.763	2449.945	57230.38	11257.10	3815.154

Sample Name: I5150-13 Acquired: 12/22/2017 13:22:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4706044	-.009131	.0386780	.0954723	-.000441	10.57528	.0118366
Stddev	.0017027	.001117	.0018967	.0003620	.001221	.05736	.0000936
%RSD	.3618190	12.23621	4.903868	.3791206	276.9700	.5423581	.7907216

#1	.4722033	-.007913	.0401576	.0953622	-.000489	10.50918	.0118079
#2	.4688140	-.009369	.0393367	.0951782	-.001636	10.60465	.0117608
#3	.4707957	-.010109	.0365398	.0958765	.000803	10.61200	.0119412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036197	.1027935	24.45591	.0035662	.3230842	.1363957	1.212158
Stddev	.0015441	.0003531	.08156	.0003770	.0015635	.0016089	.010709
%RSD	.7583439	.3434778	.3334972	10.57203	.4839377	1.179545	.8834847

#1	.2026669	.1032009	24.37056	.0037582	.3238068	.1349966	1.200890
#2	.2054013	.1026021	24.53306	.0038086	.3212901	.1360368	1.222204
#3	.2027910	.1025774	24.46411	.0031318	.3241557	.1381537	1.213382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3418652	39.50265	.3135387	.1102570	15.27411	.6729132	.0081436
Stddev	.0021834	.28270	.0011282	.0001467	.10531	.0021224	.0012306
%RSD	.6386617	.7156563	.3598346	.1330223	.6894811	.3154020	15.11068

#1	.3398118	39.23119	.3147766	.1104000	15.15269	.6727720	.0092589
#2	.3441587	39.79539	.3125682	.1101069	15.32904	.6751026	.0083485
#3	.3416252	39.48138	.3132714	.1102641	15.34060	.6708649	.0068235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.226022	.0186249	.0020248	.0004159	.1649557	.9734012	-.000556
Stddev	.021603	.0012527	.0002174	.0001247	.0046239	.0083053	.001688
%RSD	9.558035	6.726164	10.73886	29.99308	2.803129	.8532242	303.7432

#1	-.219528	.0197324	.0018329	.0002720	.1696963	.9690579	-.000364
#2	-.208411	.0188770	.0019805	.0004811	.1647127	.9829776	.001028
#3	-.250128	.0172653	.0022610	.0004945	.1604581	.9681682	-.002332

Sample Name: I5150-13 Acquired: 12/22/2017 13:22:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0162270	-.004089	.0201188
Stddev	.0003364	.000315	.0001933
%RSD	2.072771	7.699494	.9606778

#1	.0161031	-.004345	.0198977
#2	.0159701	-.004185	.0202553
#3	.0166077	-.003738	.0202035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.914	2386.510	56333.84	11414.48	3642.928
Stddev	7.217	4.857	280.99	63.35	8.151
%RSD	.5801599	.2035012	.4987903	.5550032	.2237472

#1	1237.185	2385.251	56016.78	11417.03	3633.518
#2	1251.536	2382.406	56432.74	11349.90	3647.816
#3	1243.022	2391.872	56552.01	11476.53	3647.450

Sample Name: PB105220BS Acquired: 12/22/2017 13:30:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0186336	.0542624	.0198345	.0769161	.1273955	.4176143
Stddev	.0024880	.0009659	.0003387	.0026725	.0008887	.0030913
%RSD	13.35195	1.780082	1.707759	3.474521	.6976191	.7402374

#1	.0193622	.0544886	.0197801	.0744459	.1279209	.4209538
#2	.0158627	.0550951	.0195262	.0797530	.1263694	.4170365
#3	.0206760	.0532034	.0201971	.0765495	.1278963	.4148526

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4386317	.0110852	.0105622	11.09063	.0236140	.1028830
Stddev	.0010469	.0000293	.0000977	.05038	.0004248	.0002210
%RSD	.2386670	.2647131	.9248297	.4542696	1.798870	.2148342

#1	.4397008	.0110583	.0104523	11.03710	.0235531	.1030766
#2	.4376085	.0111165	.0106391	11.09767	.0232230	.1026422
#3	.4385859	.0110809	.0105951	11.13712	.0240660	.1029303

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550182	.2456824	.0344975	10.42947	.0858632	.0197809
Stddev	.0009160	.0039138	.0002720	.05063	.0003195	.0001355
%RSD	1.664955	1.593021	.7883180	.4854734	.3720781	.6849625

#1	.0550012	.2441246	.0343134	10.45723	.0855855	.0199191
#2	.0559426	.2427873	.0343693	10.37103	.0857919	.0196483
#3	.0541108	.2501351	.0348099	10.46015	.0862123	.0197754

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34550	.1113663	.1163939	9.784905	.0248001	.0122101
Stddev	.13190	.0014824	.0023722	.049258	.0007370	.0004226
%RSD	1.274944	1.331073	2.038058	.5034031	2.971823	3.460870

#1	10.43311	.1127260	.1154797	9.812010	.0243212	.0120814
#2	10.19380	.1115868	.1146149	9.728048	.0256488	.0118669
#3	10.40958	.1097860	.1190871	9.814657	.0244302	.0126821

Sample Name: PB105220BS Acquired: 12/22/2017 13:30:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0223963	.1882506	.2126173	F .0147355	.2111676	.0985806
Stddev	.0003748	.0026456	.0018003	.0008315	.0013532	.0008163
%RSD	1.673461	1.405366	.8467168	5.642990	.6408163	.8280156

#1	.0220501	.1910840	.2146876	.0142891	.2116253	.0994435
#2	.0227943	.1878228	.2117446	.0156949	.2096449	.0978208
#3	.0223447	.1858449	.2114198	.0142224	.2122326	.0984774

Elem	Sr4077
Units	ppm
Avg	.2212765
Stddev	.0005088
%RSD	.2299183

#1	.2217574
#2	.2207439
#3	.2213282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.084	2463.356	56128.07	11206.01	3814.260
Stddev	7.837	9.046	223.96	90.16	9.173
%RSD	.6175404	.3672124	.3990246	.8045719	.2404983

#1	1261.924	2454.166	55975.97	11109.39	3803.748
#2	1267.872	2472.250	56022.99	11220.75	3818.385
#3	1277.457	2463.651	56385.26	11287.90	3820.646

Sample Name: I6800-03DLX10 Acquired: 12/22/2017 13:34:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0298 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062990	.0018249	.0272909	-.000266	-.000423	8.712959	.6434851
Stddev	.0036628	.0022940	.0021395	.000798	.000628	.003827	.0017265
%RSD	58.14858	125.7075	7.839541	300.1232	148.3791	.0439239	.2683022

#1	.0034455	.0037361	.0296272	-.001185	-.000495	8.717146	.6453788
#2	.0104293	-.000719	.0254273	.000144	.000237	8.709643	.6430776
#3	.0050222	.002458	.0268183	.000244	-.001013	8.712087	.6419988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036629	.0008803	2.406671	.6376620	.3013258	.1722700	30.75387
Stddev	.0000779	.0000639	.015788	.0017515	.0009687	.0006698	.05737
%RSD	2.127200	7.260722	.6559936	.2746720	.3214613	.3888281	.1865484

#1	.0035760	.0009272	2.393250	.6385434	.3006924	.1725360	30.69516
#2	.0037264	.0009062	2.402697	.6356449	.3008441	.1715080	30.80980
#3	.0036865	.0008075	2.424066	.6387977	.3024409	.1727660	30.75665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.948471	3.857100	.2990707	-.001215	.1031942	.0302207	.1253934
Stddev	.015473	.055207	.0010310	.000065	.0511018	.0009989	.0014553
%RSD	.3126858	1.431310	.3447382	5.361783	49.52007	3.305363	1.160602

#1	4.941034	3.841854	.2981027	-.001175	.0967967	.0303525	.1245905
#2	4.938121	3.811118	.2989545	-.001291	.1571936	.0291625	.1245164
#3	4.966259	3.918328	.3001549	-.001180	.0555923	.0311472	.1270734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.630575	.3166428	.0462074	.0016000	.0580536	.1951551	.0009453
Stddev	.060849	.0033473	.0004572	.0000681	.0026162	.0016351	.0015346
%RSD	2.313138	1.057127	.9895120	4.254103	4.506510	.8378244	162.3286

#1	2.680925	.3199662	.0458268	.0015215	.0571826	.1970260	.0006191
#2	2.562959	.3132721	.0467146	.0016374	.0559841	.1944391	-.000400
#3	2.647840	.3166901	.0460808	.0016412	.0609943	.1940001	.002617

Sample Name: I6800-03DLX10 Acquired: 12/22/2017 13:34:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0298 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2437284	.0033357	.0274847
Stddev	.0015338	.0005247	.0000633
%RSD	.6292958	15.72926	.2303982

#1	.2420448	.0029899	.0275571
#2	.2440942	.0030777	.0274395
#3	.2450461	.0039394	.0274576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.253	2551.358	58480.58	11632.42	3893.600
Stddev	2.923	11.036	230.99	57.20	6.378
%RSD	.2212047	.4325661	.3949927	.4916932	.1638051

#1	1318.575	2542.570	58254.11	11566.91	3886.256
#2	1320.813	2547.760	58715.85	11672.42	3896.793
#3	1324.371	2563.745	58471.78	11657.93	3897.751

Sample Name: I6800-04DLX10 Acquired: 12/22/2017 13:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002046	-.000518	.0428955	.0044951	-.004037	12.48022	.3213967
Stddev	.002526	.003152	.0010174	.0013432	.001082	.05933	.0006384
%RSD	123.4902	608.2602	2.371734	29.88199	26.80331	.4753793	.1986295

#1	-.004032	.001592	.0426595	.0031010	-.003599	12.54711	.3217888
#2	-.002903	-.004141	.0420169	.0057809	-.005269	12.43396	.3206600
#3	.000798	.000994	.0440101	.0046033	-.003242	12.45958	.3217411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029857	.0010590	10.25411	9.430481	.2507154	.1892279	27.63480
Stddev	.0000480	.0000433	.07891	.026924	.0004612	.0031318	.10911
%RSD	1.607117	4.087816	.7695759	.2855043	.1839584	1.655033	.3948228

#1	.0030138	.0011080	10.26359	9.419341	.2511303	.1928391	27.59502
#2	.0029303	.0010432	10.17089	9.410915	.2502188	.1875879	27.55116
#3	.0030131	.0010259	10.32786	9.461188	.2507970	.1872567	27.75821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.736586	4.683129	.6296658	-.000410	.4312531	.0442547	.3049357
Stddev	.013074	.060142	.0003420	.000257	.0989462	.0012769	.0025681
%RSD	.4777656	1.284228	.0543224	62.76898	22.94388	2.885255	.8421787

#1	2.739265	4.691152	.6296829	-.000545	.5372933	.0457291	.3068594
#2	2.722379	4.619378	.6293155	-.000572	.3413962	.0435181	.3020194
#3	2.748113	4.738856	.6299990	-.000113	.4150698	.0435170	.3059281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.057778	1.256057	.0447192	.0019674	1.549373	.3587609	.0012991
Stddev	.012956	.006744	.0008119	.0002247	.010454	.0031889	.0007744
%RSD	1.224824	.5369379	1.815437	11.42251	.6747565	.8888565	59.60909

#1	1.053104	1.248346	.0444473	.0021445	1.538996	.3624199	.0008353
#2	1.072423	1.260858	.0440782	.0020431	1.549218	.3565742	.0008689
#3	1.047808	1.258966	.0456321	.0017146	1.559903	.3572886	.0021930

Sample Name: I6800-04DLX10 Acquired: 12/22/2017 13:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02A1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1890360	.0143492	.0765139
Stddev	.0010899	.0005699	.0001085
%RSD	.5765849	3.971301	.1417640

#1	.1879890	.0144551	.0765804
#2	.1901643	.0137338	.0763887
#3	.1889547	.0148587	.0765725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.123	2483.066	57787.77	11878.42	3862.888
Stddev	2.815	8.219	200.01	82.41	14.297
%RSD	.2240761	.3310021	.3461133	.6937466	.3701141

#1	1255.706	2474.198	57577.11	11783.30	3848.867
#2	1253.540	2484.571	57975.09	11923.84	3862.351
#3	1259.123	2490.428	57811.13	11928.13	3877.446

Sample Name: I6800-09DLX10 Acquired: 12/22/2017 13:42:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0299 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094102	-.003027	.0387992	.0038810	-.003495	16.10886	.3526386
Stddev	.0028465	.002965	.0014884	.0009043	.001406	.09002	.0004858
%RSD	30.24920	97.95377	3.836118	23.30106	40.23730	.5588069	.1377620

#1	.0062957	.000359	.0403317	.0049234	-.002194	16.01031	.3520804
#2	.0100577	-.004283	.0387066	.0034129	-.003304	16.12949	.3528694
#3	.0118772	-.005157	.0373592	.0033066	-.004987	16.18677	.3529660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043434	.0011676	4.870483	4.188063	.2090088	.2206524	39.38487
Stddev	.0000264	.0000306	.017842	.024965	.0002785	.0005673	.22783
%RSD	.6073452	2.621988	.3663392	.5961021	.1332693	.2571068	.5784778

#1	.0043481	.0011927	4.854029	4.168821	.2092986	.2209514	39.12919
#2	.0043150	.0011335	4.889448	4.179094	.2087431	.2199981	39.45908
#3	.0043672	.0011765	4.867971	4.216273	.2089845	.2210076	39.56635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061137	5.665666	.3724920	-.001430	.5145442	.0581580	.2619480
Stddev	.0022493	.027855	.0007097	.000250	.1399675	.0020381	.0043150
%RSD	.4444202	.4916425	.1905391	17.45467	27.20224	3.504496	1.647287

#1	.5035974	5.659771	.3731474	-.001417	.3588222	.0573595	.2650111
#2	.5079290	5.641231	.3717382	-.001188	.6298740	.0566400	.2638197
#3	.5068147	5.695997	.3725905	-.001686	.5549365	.0604745	.2570131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.104329	1.380816	.0630712	.0019086	1.055332	.2583544	.0009179
Stddev	.013416	.005697	.0011157	.0001363	.006429	.0001781	.0010240
%RSD	.4321653	.4125479	1.768941	7.141626	.6092306	.0689399	111.5623

#1	3.119327	1.374251	.0618580	.0017854	1.049559	.2582831	.0012949
#2	3.093471	1.383744	.0640531	.0018855	1.062261	.2585571	-.000241
#3	3.100190	1.384452	.0633024	.0020550	1.054176	.2582229	.001700

Sample Name: I6800-09DLX10 Acquired: 12/22/2017 13:42:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0299 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2230525	.0105574	.0314540
Stddev	.0011188	.0005068	.0001426
%RSD	.5015711	4.800355	.4533707

#1	.2218479	.0111182	.0313148
#2	.2240589	.0101320	.0314474
#3	.2232509	.0104221	.0315998

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.747	2604.958	58694.76	12052.57	3925.542
Stddev	4.996	10.938	72.60	54.02	18.082
%RSD	.3785915	.4198866	.1236843	.4481749	.4606320

#1	1314.506	2592.693	58672.98	12005.53	3905.436
#2	1320.278	2608.480	58775.75	12040.63	3930.717
#3	1324.456	2613.701	58635.55	12111.56	3940.473

Sample Name: PB105278BL Acquired: 12/22/2017 13:46:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	-.002341	-.000198	-.000239	-.000204	-.000336	.0025557	-.001095
Stddev	.002540	.001519	.000753	.002381	.000619	.0036808	.000110
%RSD	108.5084	767.4173	314.3477	1167.297	184.4821	144.0210	10.02590

#1	.000230	-.000478	.000627	.002394	.000375	.0066996	-.001119
#2	-.002404	.001441	-.000732	-.002284	-.000762	.0013022	-.001190
#3	-.004849	-.001557	-.000613	-.000721	-.000619	-.000335	-.000975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000014	-.002289	.0001547	-.000040	.0009300	-.001031
Stddev	.000071	.000059	.005848	.0004709	.000165	.0003015	.002779
%RSD	613.1770	437.4611	255.4996	304.3952	418.1490	32.42100	269.5241

#1	.000047	.000036	-.008461	.0000339	-.000189	.0005824	.000571
#2	-.000091	-.000079	-.001575	.0006742	.000138	.0010863	-.004240
#3	.000009	.000003	.003170	-.000244	-.000069	.0011213	.000575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000238	-.016136	-.000012	.0001167	-.063198	-.000957	-.000769
Stddev	.0002033	.023931	.000157	.0003263	.018877	.001184	.000810
%RSD	853.7621	148.3151	1277.103	279.4973	29.87011	123.6261	105.4223

#1	.0000588	-.041420	.000083	-.000247	-.045803	.000178	-.000083
#2	.0002074	-.013148	-.000193	.000213	-.060520	-.000866	-.000560
#3	-.000195	.006162	.000074	.000384	-.083271	-.002184	-.001663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.236351	-.002151	-.009890	.0000242	-.001685	-.002667	-.000737
Stddev	.018440	.001721	.000546	.0000796	.002351	.000366	.000475
%RSD	7.802061	79.97242	5.516369	328.3496	139.5545	13.73469	64.42221

#1	-.217305	-.001670	-.009722	.0001016	-.000692	-.002356	-.000569
#2	-.237628	-.000723	-.010499	-.000057	.000007	-.003071	-.000370
#3	-.254119	-.004062	-.009448	.000028	-.004369	-.002575	-.001274

Sample Name: PB105278BL Acquired: 12/22/2017 13:46:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0002282	-.004788	-.000032
Stddev	.0008423	.000265	.000028
%RSD	369.1575	5.526532	87.59868

#1	.0010688	-.004585	-.000062
#2	.0002316	-.004692	-.000026
#3	-.000616	-.005087	-.000007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.856	2579.756	58663.40	11603.69	4128.968
Stddev	6.208	2.907	153.28	21.29	1.793
%RSD	.4664980	.1126853	.2612922	.1834804	.0434206

#1	1326.422	2579.611	58507.86	11579.33	4130.697
#2	1328.194	2576.924	58668.03	11613.04	4127.117
#3	1337.951	2582.733	58814.32	11618.71	4129.088

Sample Name: PB105278BS Acquired: 12/22/2017 13:51:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0200739	.0539073	.0189701	.0719231	.1224336	.3914501
Stddev	.0033966	.0008261	.0005803	.0008620	.0004506	.0029855
%RSD	16.92073	1.532481	3.059032	1.198468	.3680742	.7626703

#1	.0184170	.0548078	.0190012	.0715756	.1229430	.3893722
#2	.0239810	.0531844	.0183748	.0712892	.1220868	.3948712
#3	.0178236	.0537297	.0195342	.0729046	.1222711	.3901069

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4161963	.0104660	.0102580	10.58349	.0232929	.0995608
Stddev	.0004481	.0001826	.0000272	.07045	.0001860	.0006280
%RSD	.1076536	1.744549	.2651242	.6656635	.7984735	.6307673

#1	.4164876	.0103750	.0102271	10.54296	.0233852	.1002856
#2	.4156803	.0103467	.0102685	10.54269	.0230788	.0992162
#3	.4164209	.0106762	.0102783	10.66484	.0234147	.0991805

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522121	.2342479	.0331997	9.960515	.0836269	.0194604
Stddev	.0026949	.0055116	.0001979	.047465	.0003569	.0002702
%RSD	5.161520	2.352906	.5961601	.4765270	.4268241	1.388405

#1	.0520574	.2392059	.0329966	9.948682	.0835268	.0197145
#2	.0495978	.2352248	.0332104	9.920086	.0833306	.0194902
#3	.0549810	.2283132	.0333921	10.01278	.0840231	.0191766

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.751423	.1051727	.1143212	9.205931	.0259880	.0101301
Stddev	.033182	.0011915	.0031224	.069005	.0014080	.0017037
%RSD	.3402813	1.132904	2.731270	.7495744	5.417897	16.81829

#1	9.716776	.1039761	.1130768	9.185409	.0275685	.0089208
#2	9.754578	.1051828	.1120129	9.149514	.0248676	.0093909
#3	9.782915	.1063591	.1178740	9.282869	.0255278	.0120786

Sample Name: PB105278BS Acquired: 12/22/2017 13:51:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0215427	.1784023	.2025111	F .0137427	.2034710	.0931460
Stddev	.0002046	.0008653	.0016257	.0001787	.0003508	.0002949
%RSD	.9496832	.4850483	.8027816	1.300344	.1723957	.3166075

#1	.0216138	.1782025	.2015911	.0139162	.2037899	.0928489
#2	.0217023	.1793500	.2015540	.0137527	.2030953	.0931505
#3	.0213121	.1776543	.2043882	.0135592	.2035279	.0934387

Elem	Sr4077
Units	ppm
Avg	.2124149
Stddev	.0002289
%RSD	.1077658

#1	.2122449
#2	.2126752
#3	.2123245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.688	2470.824	55824.77	11389.69	3813.627
Stddev	6.268	10.518	193.31	44.13	20.236
%RSD	.4929124	.4256723	.3462781	.3874224	.5306306

#1	1267.649	2459.631	55614.56	11375.92	3794.154
#2	1278.909	2472.341	55864.87	11439.06	3812.177
#3	1268.506	2480.501	55994.89	11354.09	3834.549

Sample Name: CCV055 Acquired: 12/22/2017 13:55:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.905417	4.663814	23.44246	4.860658	4.907900	369.4002	9.529447
Stddev	.035983	.018164	.12995	.024167	.025929	1.4341	.123713
%RSD	.7335432	.3894738	.5543545	.4972050	.5283206	.3882114	1.298213

#1	4.943366	4.680839	23.54758	4.885652	4.932558	369.1019	9.514025
#2	4.871790	4.665911	23.29716	4.837412	4.880863	370.9599	9.414169
#3	4.901094	4.644693	23.48264	4.858909	4.910277	368.1387	9.660148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4654198	2.400508	377.1298	14.76391	2.401601	14.02214	378.6453
Stddev	.0022451	.011033	.5814	.00578	.016231	.05730	1.3969
%RSD	.4823823	.4596000	.1541513	.0391168	.6758364	.4086532	.3689280

#1	.4651296	2.410019	376.7123	14.75729	2.416813	14.04479	377.7750
#2	.4677958	2.388413	377.7938	14.76652	2.384514	14.06466	380.2566
#3	.4633338	2.403093	376.8832	14.76791	2.403476	13.95698	377.9044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.27660	379.6157	2.406100	1.314905	367.0500	2.365076	14.65568
Stddev	.03679	1.3928	.015151	.001451	.8785	.012856	.13040
%RSD	.2577156	.3668972	.6296977	.1103804	.2393310	.5435652	.8897470

#1	14.25658	378.6822	2.419421	1.313509	366.4684	2.354483	14.62342
#2	14.31906	381.2167	2.389617	1.316406	368.0605	2.379378	14.54444
#3	14.25416	378.9484	2.409262	1.314798	366.6210	2.361366	14.79918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	141.7707	4.797850	4.906399	4.830512	4.838674	4.515963	4.810328
Stddev	.4977	.017716	.025824	.024962	.021174	.029721	.021661
%RSD	.3510396	.3692395	.5263277	.5167572	.4375982	.6581392	.4503053

#1	141.8987	4.799543	4.903631	4.856101	4.861545	4.521605	4.826804
#2	142.1918	4.779349	4.933495	4.806229	4.819753	4.542459	4.785793
#3	141.2215	4.814658	4.882071	4.829207	4.834725	4.483825	4.818388

Sample Name: CCV055 Acquired: 12/22/2017 13:55:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.800141	4.915242	4.930473
Stddev	.005553	.012407	.049891
%RSD	.1156873	.2524142	1.011894

#1	4.802295	4.917852	4.987969
#2	4.804295	4.926137	4.904862
#3	4.793834	4.901738	4.898589

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.951	2060.694	47946.70	10893.16	2735.957
Stddev	6.630	13.529	154.02	52.77	17.448
%RSD	.6356602	.6565068	.3212254	.4844638	.6377120

#1	1038.396	2046.855	47784.76	10860.96	2719.289
#2	1050.557	2073.890	48091.33	10864.45	2754.091
#3	1039.901	2061.336	47963.99	10954.06	2734.489

Sample Name: CCB055 Acquired: 12/22/2017 13:59:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004211	.0017519	.0003787	.0006114	-.000164	.0041909	-.001318
Stddev	.000471	.0012218	.0015298	.0010684	.001953	.0022062	.000151
%RSD	11.18615	69.73910	403.9591	174.7525	1190.071	52.64202	11.47771

#1	-.004696	.0020215	-.000981	.0001836	.001990	.0060054	-.001210
#2	-.003756	.0004179	.002035	-.000177	-.001820	.0017351	-.001253
#3	-.004181	.0028164	.000082	.001827	-.000662	.0048321	-.001491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000018	-.002085	.0004327	-.000093	.0002947	.0026514
Stddev	.000041	.000035	.008174	.0003420	.000063	.0009870	.0045366
%RSD	437.3864	193.4591	391.9590	79.03089	67.45290	334.9140	171.0979

#1	.000038	-.000055	.003808	.0008275	-.000082	.0008283	.0077911
#2	-.000030	.000015	-.011416	.0002313	-.000161	.0009001	.0009582
#3	-.000036	-.000015	.001353	.0002393	-.000037	-.000844	-.000795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001806	-.018051	.0002493	.0003969	.0114751	.0002209	-.002326
Stddev	.0003139	.016539	.0003078	.0001369	.0838586	.0009128	.000614
%RSD	173.8501	91.62396	123.4690	34.49494	730.7901	413.3112	26.39935

#1	.0001963	-.004829	.0005981	.0003591	.0716664	-.000785	-.003012
#2	.0004863	-.012728	.0000158	.0005488	-.084309	.000450	-.002141
#3	-.000141	-.036597	.0001339	.0002829	.047068	.000997	-.001826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.170936	-.000835	-.004908	.0001262	-.004059	-.002616	.0001334
Stddev	.018401	.001821	.000894	.0001673	.001781	.000603	.0005515
%RSD	10.76462	218.1101	18.22399	132.5677	43.86893	23.04594	413.5314

#1	-.189777	-.002874	-.005008	.0001433	-.002778	-.003206	-.000022
#2	-.170022	.000629	-.005748	-.000049	-.003307	-.002001	-.000324
#3	-.153010	-.000260	-.003967	.000284	-.006092	-.002642	.000746

Sample Name: CCB055 Acquired: 12/22/2017 13:59:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002246	.0001733	-.000022
Stddev	.0007166	.0004779	.000046
%RSD	319.1088	275.7408	209.5691

#1	-.000565	.0006576	.000031
#2	.000406	-.000298	-.000045
#3	.000833	.000160	-.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.139	2519.474	57623.39	11613.22	4059.610
Stddev	6.800	7.098	412.11	82.96	11.667
%RSD	.5250656	.2817358	.7151857	.7143907	.2874023

#1	1288.052	2511.421	57265.95	11648.03	4046.234
#2	1295.754	2524.823	57530.04	11673.12	4067.689
#3	1301.611	2522.177	58074.17	11518.53	4064.908

Sample Name: PB105272BL Acquired: 12/22/2017 14:03:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002186	.0004435	-.000476	-.000468	-.001452	.0032686	-.001127
Stddev	.001624	.0023925	.001378	.000848	.000431	.0029762	.000077
%RSD	74.31134	539.5140	289.1731	181.3960	29.71209	91.05508	6.860141

#1	-.001220	-.001496	-.002027	-.000556	-.001435	.0063218	-.001188
#2	-.001276	-.000290	.000605	-.001268	-.001029	.0003760	-.001040
#3	-.004061	.003117	-.000007	.000421	-.001891	.0031079	-.001154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000017	-.003632	.0001340	-.000005	.0008554	.0038473
Stddev	.000022	.000053	.005947	.0004271	.000050	.0023303	.0037275
%RSD	78.45467	302.4562	163.7544	318.7706	926.9380	272.4164	96.88670

#1	-.000021	-.000078	.000923	.0001421	-.000024	.0031640	.0080995
#2	-.000011	.000021	-.001459	.0005569	.000051	-.001496	.0011438
#3	-.000054	.000005	-.010359	-.000297	-.000044	.000898	.0022985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000475	-.005641	-.000098	.0005356	-.035736	.0004251	-.001400
Stddev	.000157	.015936	.000177	.0002144	.069989	.0013089	.001361
%RSD	33.01069	282.4882	179.7941	40.03770	195.8508	307.9099	97.19181

#1	-.000531	.012103	.000034	.0007738	-.094945	-.000928	-.002733
#2	-.000298	-.018735	-.000299	.0004750	-.053768	.001685	-.001454
#3	-.000597	-.010293	-.000030	.0003580	.041505	.000519	-.000013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.178323	-.000524	-.007153	-.000069	-.004200	-.002741	-.000710
Stddev	.016576	.002540	.000573	.000117	.004237	.000918	.000293
%RSD	9.295450	484.8476	8.016617	169.6599	100.8780	33.51143	41.21425

#1	-.163158	-.001572	-.007386	-.000128	-.000122	-.001799	-.001048
#2	-.196018	-.002372	-.006500	.000066	-.008580	-.003634	-.000520
#3	-.175792	.002373	-.007573	-.000144	-.003898	-.002790	-.000564

Sample Name: PB105272BL Acquired: 12/22/2017 14:03:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001798	-.002923	.0000007
Stddev	.0005402	.000408	.0000152
%RSD	300.4978	13.96433	2343.617

#1	-.000444	-.003395	-.000011
#2	.000493	-.002680	.000018
#3	.000490	-.002696	-.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.463	2569.474	58468.95	11523.68	4130.718
Stddev	18.476	7.038	505.90	49.76	6.085
%RSD	1.400290	.2739031	.8652383	.4318002	.1473178

#1	1321.446	2566.410	58317.19	11466.30	4125.709
#2	1300.075	2564.487	58056.31	11549.79	4128.955
#3	1336.868	2577.524	59033.36	11554.95	4137.490

Sample Name: PB105272BS Acquired: 12/22/2017 14:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0184592	.0522904	.0195276	.0731007	.1234079	.3969828
Stddev	.0027611	.0005606	.0019803	.0008016	.0004801	.0033609
%RSD	14.95776	1.072019	10.14114	1.096622	.3890736	.8466111

#1	.0175748	.0527096	.0204471	.0731159	.1239261	.3934099
#2	.0162487	.0525079	.0172547	.0722916	.1229781	.3974573
#3	.0215541	.0516536	.0208810	.0738946	.1233194	.4000813

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4161706	.0105574	.0102720	10.62464	.0229277	.0988019
Stddev	.0019944	.0000372	.0000591	.10375	.0002248	.0002674
%RSD	.4792316	.3528195	.5752309	.9765393	.9804345	.2706819

#1	.4170088	.0105522	.0102674	10.50853	.0229364	.0984933
#2	.4138938	.0105970	.0103333	10.65713	.0226987	.0989656
#3	.4176091	.0105231	.0102154	10.70827	.0231480	.0989468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524503	.2339617	.0329165	9.996856	.0829244	.0191117
Stddev	.0008700	.0099617	.0004070	.104976	.0003656	.0002560
%RSD	1.658751	4.257830	1.236338	1.050086	.4409235	1.339402

#1	.0533606	.2242367	.0324960	9.884932	.0826410	.0192637
#2	.0516271	.2441443	.0329450	10.01251	.0827950	.0188162
#3	.0523632	.2335040	.0333084	10.09312	.0833371	.0192553

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.783738	.1049070	.1114211	9.285569	.0255865	.0122330
Stddev	.115080	.0017967	.0044434	.016925	.0023432	.0004493
%RSD	1.176239	1.712640	3.987912	.1822712	9.158162	3.672995

#1	9.875609	.1058816	.1155870	9.266434	.0247190	.0117950
#2	9.654657	.1028337	.1067444	9.298577	.0238006	.0122111
#3	9.820947	.1060059	.1119318	9.291697	.0282397	.0126929

Sample Name: PB105272BS Acquired: 12/22/2017 14:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) 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	.0215652	.1745542	.2015867	F .0135907	.2017072	.0940815
Stddev	.0002250	.0023870	.0018599	.0003126	.0002230	.0005068
%RSD	1.043361	1.367486	.9226362	2.299934	.1105354	.5386332
#1	.0218246	.1729239	.2027414	.0138468	.2018039	.0940063
#2	.0214481	.1734447	.2025776	.0132424	.2014522	.0936165
#3	.0214229	.1772940	.1994412	.0136829	.2018654	.0946216

Elem	Sr4077
Units	ppm
Avg	.2119642
Stddev	.0001965
%RSD	.0926943
#1	.2117384
#2	.2120575
#3	.2120966

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.172	2488.674	56282.26	11404.31	3839.892
Stddev	9.789	8.196	139.20	103.41	12.174
%RSD	.7658629	.3293194	.2473196	.9067972	.3170303
#1	1267.020	2479.909	56124.00	11446.14	3826.422
#2	1282.156	2489.967	56385.72	11286.53	3843.145
#3	1285.342	2496.147	56337.06	11480.25	3850.109

Sample Name: I7016-01 Acquired: 12/22/2017 14:11:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA4Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908316	-.018845	3.946526	.0089754	.0155824	102.0035	1.333434
Stddev	.0047142	.000792	.008809	.0026805	.0016617	.3557	.002725
%RSD	5.189996	4.204764	.2231994	29.86444	10.66423	.3487233	.2043823

#1	.0961330	-.019426	3.956163	.0097832	.0153079	102.4109	1.336493
#2	.0892509	-.019167	3.938890	.0111592	.0140750	101.7543	1.332546
#3	.0871109	-.017942	3.944525	.0059840	.0173643	101.8454	1.331264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096695	.0113773	44.81751	.2292546	.2120863	.2868483	238.9116
Stddev	.0000378	.0001715	.08449	.0005266	.0003505	.0027137	.3528
%RSD	.3909790	1.507317	.1885111	.2297118	.1652598	.9460278	.1476621

#1	.0096266	.0114036	44.79945	.2286514	.2124859	.2894068	239.3186
#2	.0096979	.0115341	44.90957	.2296229	.2118310	.2871358	238.7224
#3	.0096840	.0111942	44.74352	.2294895	.2119420	.2840023	238.6937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.277796	33.41103	.2536494	-.011128	1.275174	.3083508	1.345413
Stddev	.014590	.11387	.0001624	.000067	.020952	.0005427	.006176
%RSD	.1572602	.3408170	.0640457	.5987497	1.643086	.1759909	.4590362

#1	9.287237	33.54251	.2536777	-.011163	1.250982	.3079127	1.339881
#2	9.285161	33.34623	.2537958	-.011170	1.287441	.3089578	1.344281
#3	9.260992	33.34435	.2534747	-.011051	1.287100	.3081819	1.352077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.73543	5.969928	.4400840	.0072157	4.350784	4.355976	.0166683
Stddev	.09216	.077537	.0005121	.0005917	.037889	.033561	.0010763
%RSD	.5507163	1.298789	.1163646	8.199704	.8708545	.7704546	6.457128

#1	16.84151	6.055234	.4397977	.0076884	4.389867	4.386186	.0162925
#2	16.68980	5.950813	.4397791	.0074066	4.348269	4.319851	.0158303
#3	16.67499	5.903736	.4406753	.0065522	4.314215	4.361891	.0178821

Sample Name: I7016-01 Acquired: 12/22/2017 14:11:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA4Z9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.016490	.0589871	.1159586
Stddev	.004510	.0001860	.0000969
%RSD	.4437088	.3152639	.0835368

#1	1.011416	.0590336	.1158525
#2	1.020045	.0587823	.1159811
#3	1.018009	.0591454	.1160423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.468	2694.069	62818.16	13589.27	3461.929
Stddev	6.574	13.933	109.58	46.74	13.177
%RSD	.4720758	.5171855	.1744441	.3439572	.3806137

#1	1388.336	2678.659	62921.13	13536.19	3446.819
#2	1400.048	2697.771	62702.99	13607.34	3467.941
#3	1389.019	2705.778	62830.36	13624.28	3471.027

Sample Name: I7016-02 Acquired: 12/22/2017 14:15:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA500 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0813354	-.017803	8.755766	.0051547	.0073644	75.27962	.7891416
Stddev	.0075873	.003480	.018870	.0049075	.0022908	.27902	.0021797
%RSD	9.328358	19.54583	.2155118	95.20452	31.10593	.3706502	.2762073

#1	.0876998	-.015633	8.743265	.0004911	.0084803	75.53498	.7913214
#2	.0833672	-.021817	8.746561	.0046987	.0047295	74.98180	.7891414
#3	.0729391	-.015961	8.777471	.0102742	.0088835	75.32209	.7869621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077657	.0910576	734.4453	.1312030	.2304614	.3136105	196.8835
Stddev	.0000922	.0002337	4.3141	.0005504	.0012547	.0026689	.4822
%RSD	1.186649	.2566478	.5873936	.4195430	.5444325	.8510221	.2449387

#1	.0077398	.0907954	731.2666	.1309775	.2297184	.3163766	197.4401
#2	.0076893	.0911337	739.3563	.1308010	.2297557	.3134041	196.6198
#3	.0078680	.0912438	732.7131	.1318303	.2319101	.3110507	196.5907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.39189	410.4197	.2108791	-.005066	1.557276	.2417437	5.091203
Stddev	.03596	1.0616	.0010430	.000139	.092926	.0018913	.007389
%RSD	.2684934	.2586586	.4945807	2.744883	5.967245	.7823455	.1451379

#1	13.43145	411.5631	.2096828	-.004908	1.587501	.2401424	5.092089
#2	13.38303	410.2309	.2115973	-.005119	1.452999	.2412583	5.083410
#3	13.36120	409.4653	.2113573	-.005170	1.631326	.2438303	5.098109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78871	5.613511	.3682286	.0069757	10.75416	3.562461	.0073703
Stddev	.05246	.009703	.0016824	.0001321	.02511	.047405	.0013977
%RSD	.4862596	.1728453	.4568963	1.893637	.2334642	1.330678	18.96472

#1	10.81647	5.617299	.3682308	.0070859	10.73292	3.581297	.0069069
#2	10.72820	5.620748	.3665450	.0068293	10.78187	3.597552	.0089409
#3	10.82145	5.602485	.3699099	.0070119	10.74768	3.508533	.0062630

Sample Name: I7016-02 Acquired: 12/22/2017 14:15:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA500 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8332913	.0575102	.2755163
Stddev	.0037403	.0004999	.0004617
%RSD	.4488528	.8691781	.1675719

#1	.8336220	.0570026	.2756394
#2	.8368553	.0580020	.2759039
#3	.8293968	.0575260	.2750055

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.675	2263.366	52541.23	12187.48	2778.147
Stddev	3.063	14.844	21.78	86.96	6.254
%RSD	.2643682	.6558550	.0414555	.7135190	.2251162

#1	1157.640	2246.336	52520.28	12126.80	2770.936
#2	1156.263	2270.195	52563.76	12148.53	2782.088
#3	1162.121	2273.567	52539.63	12287.10	2781.418

Sample Name: I7016-03 Acquired: 12/22/2017 14:20:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA501 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1449649	-.023524	5.662083	.0098648	.0096864	97.94042	7.805034
Stddev	.0033733	.000658	.004403	.0018235	.0002956	.35932	.010098
%RSD	2.326955	2.796274	.0777633	18.48503	3.052058	.3668732	.1293730

#1	.1423501	-.022816	5.657012	.0118175	.0100276	97.56107	7.813121
#2	.1437721	-.024116	5.664934	.0082062	.0095053	97.98457	7.793716
#3	.1487725	-.023641	5.664304	.0095709	.0095264	98.27562	7.808264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086395	.0336205	423.0901	.2078929	.1756196	.7444033	255.5481
Stddev	.0001827	.0001197	2.1984	.0014193	.0005480	.0014958	1.3494
%RSD	2.114546	.3559835	.5196162	.6826899	.3120272	.2009427	.5280266

#1	.0088188	.0335236	422.0520	.2090024	.1754550	.7460395	254.5119
#2	.0084536	.0335837	421.6028	.2062936	.1762310	.7431060	255.0584
#3	.0086462	.0337543	425.6153	.2083827	.1751728	.7440645	257.0739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.98240	86.89886	.2259606	-.011183	1.598457	.3393330	3.533987
Stddev	.05159	.51135	.0009316	.000288	.117255	.0020446	.045430
%RSD	.4305728	.5884476	.4123032	2.575833	7.335511	.6025509	1.285508

#1	11.94699	86.46789	.2269518	-.011325	1.568487	.3414774	3.484027
#2	11.95862	86.76480	.2251029	-.011373	1.727789	.3374054	3.572818
#3	12.04159	87.46389	.2258270	-.010852	1.499096	.3391162	3.545116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11319	10.96369	.4819083	.0087429	7.812741	3.632552	.0125148
Stddev	.02628	.02155	.0039343	.0002715	.005881	.014714	.0019575
%RSD	.2598567	.1965210	.8164084	3.105126	.0752804	.4050504	15.64128

#1	10.09563	10.96875	.4779316	.0087691	7.819025	3.644760	.0136472
#2	10.14340	10.98225	.4819944	.0084593	7.807368	3.636681	.0136426
#3	10.10053	10.94006	.4857989	.0090004	7.811831	3.616215	.0102545

Sample Name: I7016-03 Acquired: 12/22/2017 14:20:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA501 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.145098	.0684261	.6172620
Stddev	.003644	.0002743	.0016796
%RSD	.3181989	.4008250	.2721091

#1	1.141235	.0681856	.6153226
#2	1.145585	.0687248	.6182354
#3	1.148473	.0683678	.6182281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.809	2435.076	56223.12	12728.26	3084.227
Stddev	10.370	4.719	187.83	40.34	3.948
%RSD	.8310394	.1937810	.3340824	.3169592	.1279947

#1	1256.052	2435.871	56209.75	12711.15	3084.741
#2	1236.166	2430.011	56042.32	12774.34	3080.047
#3	1251.208	2439.347	56417.27	12699.30	3087.892

Sample Name: I7016-04 Acquired: 12/22/2017 14:24:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA502 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0833549	-.011084	16.94040	.0049919	.0046636	65.10896	2.288895
Stddev	.0030369	.002916	.06306	.0014412	.0016312	.07630	.004305
%RSD	3.643298	26.30414	.3722180	28.86976	34.97835	.1171807	.1880771

#1	.0864392	-.014317	16.87098	.0037476	.0027970	65.13506	2.287039
#2	.0803678	-.010283	16.95609	.0065710	.0053781	65.02304	2.293817
#3	.0832577	-.008654	16.99413	.0046571	.0058156	65.16879	2.285830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087950	.0788863	214.5816	.1252641	.2244792	.5016945	189.6504
Stddev	.0001233	.0002695	1.0759	.0005304	.0011005	.0013341	.7828
%RSD	1.401929	.3416701	.5013828	.4234102	.4902333	.2659112	.4127605

#1	.0088532	.0785798	213.5882	.1253556	.2232114	.5001609	189.5173
#2	.0086534	.0789929	214.4322	.1246939	.2250396	.5025866	188.9426
#3	.0088785	.0790862	215.7243	.1257427	.2251868	.5023361	190.4912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.10247	103.4862	.2117202	-.004333	1.124248	.2501811	4.291465
Stddev	.07904	.3454	.0005156	.000293	.054937	.0012080	.006187
%RSD	.4366335	.3337246	.2435200	6.757099	4.886535	.4828374	.1441598

#1	18.05834	103.4279	.2122679	-.004669	1.083224	.2502503	4.296415
#2	18.05535	103.1737	.2116482	-.004134	1.102858	.2489400	4.293450
#3	18.19373	103.8570	.2112443	-.004195	1.186662	.2513530	4.284530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.340146	5.982324	.3521955	.0046355	5.895381	3.465970	.0033366
Stddev	.057740	.032089	.0016131	.0004247	.022927	.025241	.0006449
%RSD	.6181942	.5363909	.4580234	9.162892	.3888908	.7282454	19.32888

#1	9.398684	6.014199	.3513007	.0050612	5.915420	3.457390	.0033260
#2	9.283238	5.982748	.3512282	.0046336	5.900344	3.446138	.0026971
#3	9.338517	5.950026	.3540578	.0042117	5.870379	3.494382	.0039868

Sample Name: I7016-04 Acquired: 12/22/2017 14:24:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA502 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6710815	.0428809	.0964682
Stddev	.0021064	.0004984	.0001971
%RSD	.3138850	1.162259	.2042892

#1	.6692527	.0430298	.0962406
#2	.6706072	.0423251	.0965805
#3	.6733846	.0432879	.0965835

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.387	2593.849	59130.41	13202.62	3221.534
Stddev	3.837	8.487	171.26	46.50	3.079
%RSD	.2903950	.3271875	.2896244	.3522048	.0955660

#1	1322.281	2585.947	59018.78	13192.01	3222.184
#2	1317.182	2592.779	59044.88	13253.51	3218.182
#3	1324.699	2602.819	59327.59	13162.35	3224.236

Sample Name: I7016-05 Acquired: 12/22/2017 14:28:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA503 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0951068	-.003552	1.547634	.0078477	.0045824	76.13389	3.862007
Stddev	.0044656	.003086	.004649	.0025363	.0013605	.19855	.013354
%RSD	4.695380	86.86662	.3004106	32.31953	29.69084	.2607953	.3457797

#1	.0910752	-.000017	1.545133	.0082193	.0042896	75.93866	3.846592
#2	.0943385	-.005705	1.544770	.0101777	.0033921	76.12741	3.870038
#3	.0999068	-.004934	1.552998	.0051460	.0060655	76.33561	3.869392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081230	.0073198	29.63964	.1425550	.1953972	.1073031	175.9464
Stddev	.0001247	.0000814	.08895	.0003016	.0005095	.0005769	.7044
%RSD	1.535341	1.111834	.3001099	.2115490	.2607595	.5376383	.4003315

#1	.0082155	.0072264	29.54560	.1427645	.1948675	.1077390	175.1633
#2	.0079812	.0073756	29.65090	.1426912	.1954402	.1075215	176.1476
#3	.0081724	.0073574	29.72243	.1422094	.1958839	.1066489	176.5283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.81014	16.21220	.1369037	-.008745	.9219177	.2818892	.6085782
Stddev	.08791	.06291	.0004106	.000172	.1423787	.0020932	.0015390
%RSD	.4224170	.3880590	.2999260	1.966633	15.44375	.7425662	.2528870

#1	20.71475	16.14000	.1367760	-.008740	1.083217	.2809740	.6075436
#2	20.82780	16.24129	.1365720	-.008575	.868813	.2804094	.6103468
#3	20.88787	16.25530	.1373629	-.008919	.813724	.2842841	.6078441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08638	4.609881	.3205337	.0067651	3.454601	6.045269	.0046043
Stddev	.03753	.021672	.0018793	.0002173	.003653	.013963	.0012299
%RSD	.3720630	.4701219	.5863141	3.212195	.1057498	.2309791	26.71203

#1	10.04549	4.629262	.3184825	.0068189	3.456703	6.030893	.0058398
#2	10.09440	4.586480	.3209460	.0069505	3.450383	6.058779	.0045932
#3	10.11925	4.613900	.3221727	.0065260	3.456718	6.046136	.0033800

Sample Name: I7016-05 Acquired: 12/22/2017 14:28:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA503 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8322994	.0413132	.1021739
Stddev	.0001645	.0002226	.0004799
%RSD	.0197638	.5389067	.4696669

#1	.8321601	.0410573	.1016674
#2	.8322571	.0414625	.1026217
#3	.8324809	.0414197	.1022327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.956	2740.926	62510.20	13456.20	3544.956
Stddev	4.172	8.911	168.19	11.14	6.248
%RSD	.2967662	.3251224	.2690669	.0827966	.1762464

#1	1408.460	2730.647	62449.52	13448.22	3538.863
#2	1401.139	2746.467	62380.77	13468.93	3544.658
#3	1408.269	2745.665	62700.32	13451.44	3551.348

Sample Name: I7016-06 Acquired: 12/22/2017 14:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA504 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0984127	-.020663	2.091660	.0073489	.0057339	63.72876	5.171527
Stddev	.0058393	.002199	.008328	.0014985	.0013418	.17232	.004842
%RSD	5.933459	10.64005	.3981460	20.39017	23.40184	.2703904	.0936280

#1	.0933053	-.022844	2.096846	.0076728	.0057239	63.56903	5.166175
#2	.0971542	-.020699	2.082054	.0057150	.0070808	63.70587	5.172804
#3	.1047787	-.018447	2.096079	.0086590	.0043972	63.91138	5.175603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070777	.0072590	368.0565	.1763777	.1161257	.1670229	184.0706
Stddev	.0001385	.0004509	2.8591	.0012130	.0007516	.0002079	.9553
%RSD	1.956362	6.212068	.7768124	.6877188	.6472071	.1245005	.5189793

#1	.0072071	.0077486	364.7794	.1766900	.1165068	.1667838	183.0044
#2	.0069317	.0071678	369.3489	.1750391	.1152599	.1671241	184.3586
#3	.0070944	.0068607	370.0412	.1774040	.1166103	.1671609	184.8487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.68592	159.1127	.1609811	-.010055	1.356728	.2566892	1.260567
Stddev	.07477	.9624	.0011040	.000030	.064578	.0027081	.006855
%RSD	.6997365	.6048558	.6857647	.2939663	4.759863	1.054992	.5437864

#1	10.60513	158.0571	.1602985	-.010089	1.294693	.2536028	1.264774
#2	10.69994	159.3395	.1603901	-.010035	1.423580	.2577973	1.264270
#3	10.75270	159.9413	.1622547	-.010041	1.351912	.2586674	1.252657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.199834	5.113700	.3445714	.0051947	7.376851	4.167468	.0040406
Stddev	.019994	.011008	.0030568	.0003679	.044218	.064467	.0007289
%RSD	.2438376	.2152595	.8871441	7.081817	.5994124	1.546920	18.03915

#1	8.177756	5.125099	.3411826	.0048414	7.382654	4.218772	.0032556
#2	8.216720	5.103131	.3454102	.0055756	7.330019	4.188529	.0046960
#3	8.205027	5.112869	.3471212	.0051672	7.417882	4.095105	.0041702

Sample Name: I7016-06 Acquired: 12/22/2017 14:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA504 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6778327	.0373441	.2293796
Stddev	.0119571	.0002035	.0005035
%RSD	1.764015	.5450409	.2195109

#1	.6684773	.0375467	.2290958
#2	.6737167	.0371396	.2290821
#3	.6913041	.0373459	.2299610

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1250.224	2467.070	55754.34	12652.18	3086.889
Stddev	9.733	10.720	422.70	58.07	14.250
%RSD	.7785224	.4345049	.7581485	.4589404	.4616205

#1	1239.733	2456.167	55302.30	12712.04	3074.576
#2	1251.978	2477.596	55820.92	12648.41	3102.498
#3	1258.961	2467.447	56139.80	12596.09	3083.594

Sample Name: I7016-07 Acquired: 12/22/2017 14:36:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA505 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306493	-.011936	1.215955	.0078195	.0268599	123.1728	2.850559
Stddev	.0028584	.001091	.002164	.0012847	.0015623	.5044	.001582
%RSD	2.187847	9.142175	.1779261	16.42963	5.816288	.4094860	.0554947

#1	.1274823	-.011820	1.214352	.0086218	.0285497	122.7297	2.848777
#2	.1330378	-.010908	1.218416	.0084990	.0265620	123.0670	2.851099
#3	.1314278	-.013081	1.215096	.0063377	.0254681	123.7217	2.851800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105777	.0046261	98.91643	.2241948	.2265591	.2150417	267.0176
Stddev	.0001776	.0001137	.67429	.0011956	.0007078	.0017187	1.7313
%RSD	1.678534	2.456828	.6816774	.5332907	.3124006	.7992592	.6483803

#1	.0104801	.0047559	98.22841	.2229146	.2272340	.2145490	265.4116
#2	.0104703	.0045783	98.94479	.2243874	.2258225	.2169530	266.7896
#3	.0107826	.0045443	99.57609	.2252825	.2266208	.2136231	268.8516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.17514	50.06394	.1999625	-.014225	1.803807	.4503400	.7266916
Stddev	.16041	.31068	.0009035	.000153	.043357	.0044904	.0010117
%RSD	.6635146	.6205725	.4518380	1.073245	2.403612	.9971110	.1392213

#1	24.02394	49.85342	.1996806	-.014349	1.754586	.4459418	.7269274
#2	24.15808	49.91763	.1992335	-.014272	1.820495	.4501610	.7275645
#3	24.34339	50.42076	.2009733	-.014055	1.836340	.4549173	.7255828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20141	5.010298	.4942365	.0078301	2.574012	5.033631	.0153908
Stddev	.07427	.024058	.0062126	.0002051	.010463	.064132	.0013014
%RSD	.7280815	.4801626	1.257011	2.619231	.4064822	1.274066	8.455516

#1	10.15661	5.009186	.4870979	.0075955	2.564335	5.084417	.0155577
#2	10.16047	5.034892	.4971920	.0079757	2.585114	4.961564	.0140140
#3	10.28714	4.986816	.4984195	.0079191	2.572587	5.054913	.0166007

Sample Name: I7016-07 Acquired: 12/22/2017 14:36:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA505 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9707948	.0716699	.2470701
Stddev	.0026912	.0002592	.0000944
%RSD	.2772176	.3616978	.0382166

#1	.9679300	.0719672	.2471676
#2	.9732700	.0714913	.2469791
#3	.9711843	.0715511	.2470637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.002	2688.484	60346.99	13354.78	3323.950
Stddev	8.075	3.645	234.74	56.81	8.471
%RSD	.5885825	.1355951	.3889837	.4253650	.2548437

#1	1364.802	2684.590	60338.64	13307.76	3314.445
#2	1370.470	2691.816	60116.53	13417.90	3330.701
#3	1380.733	2689.046	60585.79	13338.67	3326.705

Sample Name: I7016-08 Acquired: 12/22/2017 14:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1358596	-.009967	1.684596	.0084912	.0113913	116.3944	2.270792
Stddev	.0062899	.002941	.010795	.0032575	.0035276	.2693	.003897
%RSD	4.629684	29.51117	.6407991	38.36261	30.96744	.2313888	.1716052

#1	.1395025	-.011822	1.676761	.0112273	.0150568	116.4273	2.266528
#2	.1285967	-.011504	1.680119	.0093585	.0080200	116.1102	2.274169
#3	.1394796	-.006576	1.696910	.0048879	.0110972	116.6459	2.271679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096612	.0048925	56.06582	.1942571	.2218715	.2188632	256.2321
Stddev	.0001401	.0000819	.22425	.0010254	.0009796	.0011115	.8147
%RSD	1.450680	1.674553	.3999834	.5278446	.4415223	.5078690	.3179656

#1	.0097408	.0048550	55.95711	.1949016	.2222491	.2196116	256.2525
#2	.0094994	.0048359	55.91663	.1947950	.2207593	.2193921	255.4074
#3	.0097434	.0049864	56.32371	.1930747	.2226062	.2175860	257.0365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.36915	37.47425	.2298470	-.012738	1.329643	.4282343	.8984933
Stddev	.07359	.02771	.0010131	.000210	.155033	.0046135	.0020994
%RSD	.3149229	.0739452	.4407839	1.652480	11.65978	1.077337	.2336608

#1	23.35003	37.45045	.2294988	-.012925	1.157231	.4285820	.8968147
#2	23.30701	37.46762	.2290538	-.012780	1.374122	.4234567	.9008473
#3	23.45042	37.50467	.2309883	-.012510	1.457575	.4326641	.8978179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24936	6.180674	.4648672	.0132760	3.489363	3.948960	.0134591
Stddev	.04190	.014512	.0026592	.0003579	.010430	.053698	.0014339
%RSD	.3162057	.2347966	.5720396	2.695784	.2989186	1.359808	10.65367

#1	13.20102	6.169508	.4634379	.0130779	3.481210	4.010771	.0150394
#2	13.27193	6.175436	.4632282	.0136891	3.485762	3.922303	.0122412
#3	13.27513	6.197078	.4679354	.0130609	3.501116	3.913805	.0130967

Sample Name: I7016-08 Acquired: 12/22/2017 14:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA506 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.180782	.0705595	.1016768
Stddev	.008371	.0004763	.0001836
%RSD	.7089589	.6750940	.1805772

#1	1.171514	.0701249	.1015788
#2	1.187793	.0704848	.1018886
#3	1.183040	.0710687	.1015630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.621	2684.895	60961.17	13350.38	3382.419
Stddev	3.540	4.856	146.52	50.58	6.030
%RSD	.2573431	.1808467	.2403566	.3788832	.1782605

#1	1379.614	2680.015	60793.43	13291.97	3375.671
#2	1372.868	2684.945	61025.92	13379.06	3387.278
#3	1374.380	2689.725	61064.17	13380.10	3384.307

Sample Name: I7016-09 Acquired: 12/22/2017 14:44:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA507 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1447933	-.020696	1.117221	.0057052	.0065248	141.5750	1.877461
Stddev	.0018404	.000924	.003519	.0034591	.0021903	.5329	.005528
%RSD	1.271081	4.464156	.3149686	60.63070	33.56946	.3763970	.2944222

#1	.1441568	-.021347	1.118498	.0030522	.0048960	140.9769	1.877126
#2	.1433556	-.019639	1.119923	.0044458	.0090148	141.7487	1.883149
#3	.1468675	-.021104	1.113242	.0096175	.0056635	141.9993	1.872109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111531	.0039899	79.94103	.2155432	.1986278	.2371496	291.9358
Stddev	.0000890	.0001956	.42772	.0011246	.0002561	.0021092	1.7027
%RSD	.7981004	4.902036	.5350468	.5217293	.1289497	.8893757	.5832340

#1	.0110506	.0041795	79.53927	.2148844	.1989197	.2354369	290.1357
#2	.0112105	.0040013	79.89313	.2149034	.1985233	.2395054	292.1511
#3	.0111982	.0037889	80.39068	.2168416	.1984405	.2365065	293.5206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.03163	52.93930	.2298731	-.015007	1.281868	.4998699	.7479032
Stddev	.09932	.29054	.0018673	.000287	.137031	.0031221	.0028304
%RSD	.5218922	.5488265	.8123371	1.914812	10.68991	.6245772	.3784451

#1	18.93064	52.61046	.2295789	-.015119	1.422821	.4964777	.7456961
#2	19.03507	53.04616	.2318700	-.015221	1.273653	.5005088	.7510942
#3	19.12920	53.16128	.2281703	-.014680	1.149129	.5026230	.7469192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.65191	5.472971	.5203007	.0093233	3.496786	3.421791	.0100301
Stddev	.03642	.024289	.0047054	.0000655	.008492	.035594	.0017190
%RSD	.3418893	.4437940	.9043710	.7030573	.2428390	1.040216	17.13875

#1	10.61295	5.494663	.5155990	.0092499	3.505487	3.385886	.0080722
#2	10.65770	5.477523	.5202934	.0093759	3.496351	3.422422	.0107264
#3	10.68509	5.446729	.5250098	.0093441	3.488520	3.457066	.0112918

Sample Name: I7016-09 Acquired: 12/22/2017 14:44:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA507 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.210272	.0843883	.1172333
Stddev	.001727	.0006875	.0003972
%RSD	.1427076	.8146210	.3388250

#1	1.211964	.0851707	.1168882
#2	1.208512	.0841134	.1176675
#3	1.210341	.0838809	.1171441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.268	2707.539	61275.44	13639.35	3342.823
Stddev	9.822	2.718	328.00	39.55	8.970
%RSD	.7136558	.1003722	.5352936	.2899796	.2683240

#1	1369.006	2710.015	60938.01	13641.13	3335.018
#2	1372.355	2704.631	61295.18	13677.98	3340.828
#3	1387.443	2707.972	61593.13	13598.94	3352.622

Sample Name: I7016-10 Acquired: 12/22/2017 14:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA508 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250273	-.015135	1.372110	.0074733	.0063828	116.6204	1.695099
Stddev	.0035334	.002987	.001549	.0032364	.0015440	.6057	.002298
%RSD	2.826100	19.73711	.1128933	43.30660	24.19068	.5193734	.1355646

#1	.1285524	-.013482	1.371951	.0072789	.0069914	116.0628	1.692610
#2	.1250439	-.013339	1.373733	.0043385	.0046272	116.5335	1.695549
#3	.1214856	-.018583	1.370647	.0108026	.0075297	117.2648	1.697139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093209	.0054773	95.81249	.1706002	.1924550	.2973698	244.9031
Stddev	.0001229	.0002129	.57146	.0005230	.0005566	.0040020	1.4777
%RSD	1.318091	3.886307	.5964316	.3065883	.2891936	1.345811	.6033899

#1	.0092334	.0057192	95.27307	.1702213	.1927993	.2943404	243.6143
#2	.0094613	.0053187	95.75307	.1703825	.1927528	.2958625	244.5792
#3	.0092678	.0053939	96.41134	.1711970	.1918129	.3019067	246.5160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.09421	58.07469	.2011492	-.012023	1.357394	.4071532	.9205168
Stddev	.08581	.42647	.0007629	.000217	.085677	.0015410	.0042355
%RSD	.4742245	.7343559	.3792662	1.803363	6.311902	.3784879	.4601267

#1	18.01605	57.74632	.2018020	-.012209	1.421032	.4065406	.9156705
#2	18.08055	57.92105	.2003106	-.011785	1.391174	.4060126	.9223701
#3	18.18603	58.55669	.2013351	-.012076	1.259976	.4089063	.9235099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.32316	6.230096	.4433424	.0083786	3.470686	4.007625	.0115250
Stddev	.07913	.026962	.0037179	.0001083	.002373	.063713	.0012016
%RSD	.5939418	.4327745	.8386020	1.292060	.0683702	1.589802	10.42628

#1	13.25454	6.257156	.4427826	.0084150	3.473425	3.937950	.0117446
#2	13.30522	6.203233	.4399361	.0084641	3.469245	4.062919	.0102287
#3	13.40972	6.229898	.4473084	.0082569	3.469389	4.022005	.0126016

Sample Name: I7016-10 Acquired: 12/22/2017 14:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA508 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.223777	.0696222	.1260762
Stddev	.002949	.0003558	.0001935
%RSD	.2409361	.5110094	.1534907

#1	1.222521	.0692186	.1258703
#2	1.227146	.0697582	.1262543
#3	1.221665	.0698900	.1261040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.792	2661.365	60169.17	13260.25	3346.374
Stddev	10.484	4.796	320.78	21.46	8.452
%RSD	.7743916	.1802250	.5331256	.1618016	.2525699

#1	1343.753	2655.869	59811.54	13257.49	3337.442
#2	1352.953	2664.702	60264.49	13282.96	3354.245
#3	1364.670	2663.525	60431.49	13240.31	3347.437

Sample Name: I7016-13 Acquired: 12/22/2017 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA509 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0892985	-.017132	5.779653	.0003160	.0073645	32.99772
Stddev	.0011531	.001440	.049898	.0076903	.0015922	.23922
%RSD	1.291333	8.403071	.8633430	2433.329	21.62008	.7249509

#1	.0880640	-.018500	5.722036	-.000622	.0090883	33.23298
#2	.0903479	-.017268	5.808253	-.006862	.0059489	33.00543
#3	.0894837	-.015630	5.808670	.008432	.0070562	32.75473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.243301	.0053118	.0219156	F 1618.759	.0885343	.1087015
Stddev	.023355	.0000328	.0004235	7.864	.0003853	.0016024
%RSD	.5503942	.6182142	1.932373	.4857909	.4352205	1.474124

#1	4.261789	.0052744	.0214351	1613.748	.0886408	.1069753
#2	4.251060	.0053249	.0222347	1627.822	.0888552	.1101414
#3	4.217054	.0053361	.0220769	1614.705	.0881070	.1089879

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321744	152.7700	11.34636	F 849.7161	.1559299	-.007857
Stddev	.0015319	.6582	.04417	3.6897	.0013355	.000400
%RSD	.6597821	.4308731	.3893101	.4342269	.8565002	5.090931

#1	.2327576	153.4452	11.38231	853.3370	.1543893	-.008300
#2	.2333289	152.7347	11.35971	849.8502	.1566402	-.007751
#3	.2304366	152.1301	11.29705	845.9613	.1567602	-.007521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.664484	.1323417	1.390998	7.948086	4.519252	.2975496
Stddev	.048155	.0025881	.006156	.046610	.034465	.0016370
%RSD	2.893091	1.955619	.4425656	.5864311	.7626356	.5501638

#1	1.716149	.1311824	1.383962	8.001534	4.479460	.2992494
#2	1.620849	.1353068	1.395393	7.926838	4.539707	.2974158
#3	1.656455	.1305360	1.393640	7.915886	4.538589	.2959835

Sample Name: I7016-13 Acquired: 12/22/2017 14:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA509 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038500	13.22025	4.263356	-.001967	.3499417	.0328610
Stddev	.0003267	.13125	.014510	.002702	.0018563	.0010341
%RSD	8.486026	.9928117	.3403524	137.3246	.5304469	3.147016

#1	.0040316	13.07436	4.265239	-.001674	.3512756	.0318730
#2	.0034729	13.25765	4.276834	-.004804	.3507277	.0339358
#3	.0040457	13.32875	4.247996	.000576	.3478217	.0327742

Elem	Sr4077
Units	ppm
Avg	.6416578
Stddev	.0025925
%RSD	.4040270

#1	.6443347
#2	.6414796
#3	.6391590

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.975	2062.939	48392.63	11499.91	2481.882
Stddev	6.004	9.944	122.56	83.75	14.743
%RSD	.5574469	.4820160	.2532607	.7282658	.5940224

#1	1073.244	2074.218	48314.81	11421.99	2498.891
#2	1073.780	2059.159	48329.18	11489.28	2474.000
#3	1083.900	2055.439	48533.91	11588.47	2472.756

Sample Name: I7016-14 Acquired: 12/22/2017 15:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA510 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941763	-.012695	10.54867	.0005435	.0067492	15.02241
Stddev	.0051000	.000925	.01498	.0029773	.0018509	.02120
%RSD	5.415351	7.285804	.1420529	547.8458	27.42318	.1411322

#1	.0934228	-.011634	10.53968	.0039719	.0087172	15.00383
#2	.0996111	-.013122	10.54037	-.000950	.0064871	15.01789
#3	.0894949	-.013330	10.56597	-.001391	.0050434	15.04551

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6372270	.0054446	.1550773	F 2111.341	.0670103	.1553691
Stddev	.0009237	.0001582	.0003327	16.987	.0005174	.0002144
%RSD	.1449477	2.905754	.2145405	.8045696	.7721355	.1379876

#1	.6381512	.0053207	.1547336	2091.931	.0667383	.1551516
#2	.6363039	.0053902	.1553978	2123.494	.0676070	.1553756
#3	.6372259	.0056228	.1551006	2118.598	.0666856	.1555802

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.044426	139.3261	15.34307	F 1202.528	.1645584	.0023325
Stddev	.005957	.4370	.05217	4.288	.0009892	.0004568
%RSD	.5703926	.3136717	.3400493	.3565749	.6011048	19.58469

#1	1.049368	139.1343	15.29658	1198.927	.1653199	.0024577
#2	1.046101	139.0177	15.33314	1201.384	.1649149	.0027137
#3	1.037811	139.8262	15.39950	1207.271	.1634404	.0018262

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.303459	.0984474	7.695286	3.096153	3.235547	.2861605
Stddev	.073847	.0011583	.042021	.034710	.015013	.0006240
%RSD	3.205937	1.176533	.5460651	1.121083	.4639957	.2180652

#1	2.363318	.0971195	7.741979	3.067734	3.241129	.2858027
#2	2.220935	.0992499	7.660511	3.085888	3.218542	.2868811
#3	2.326122	.0989728	7.683368	3.134839	3.246969	.2857978

Sample Name: I7016-14 Acquired: 12/22/2017 15:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA510 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054828	23.65355	2.991075	-.000648	.2361220	.0321462
Stddev	.0001032	.05714	.022058	.003451	.0040026	.0005933
%RSD	1.882960	.2415704	.7374519	532.3746	1.695159	1.845668

#1	.0054974	23.66034	3.016427	-.003364	.2346008	.0326802
#2	.0055779	23.59332	2.980519	.003236	.2331030	.0315075
#3	.0053730	23.70699	2.976279	-.001817	.2406622	.0322508

Elem	Sr4077
Units	ppm
Avg	.7046394
Stddev	.0007618
%RSD	.1081111

#1	.7040247
#2	.7044019
#3	.7054917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	991.5534	1936.626	45219.77	10907.85	2321.664
Stddev	7.5217	9.131	128.96	3.37	4.575
%RSD	.7585754	.4714759	.2851772	.0309000	.1970371

#1	984.1976	1926.192	45231.53	10911.41	2317.613
#2	991.2321	1940.532	45085.34	10904.71	2326.625
#3	999.2306	1943.154	45342.45	10907.42	2320.752

Sample Name: I7016-15 Acquired: 12/22/2017 15:04:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA511 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139068	-.010100	.8134435	.0060750	.0060269	79.36395	1.922499
Stddev	.0024378	.003327	.0047178	.0012912	.0013157	.03615	.004381
%RSD	2.140157	32.93630	.5799797	21.25346	21.83004	.0455502	.2278669

#1	.1130310	-.010537	.8147786	.0046032	.0067951	79.33601	1.927186
#2	.1120280	-.013187	.8173499	.0066046	.0045077	79.40478	1.918508
#3	.1166615	-.006577	.8082020	.0070171	.0067779	79.35108	1.921803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091459	.0033113	52.56999	.2294006	.1572611	.2232040	199.4421
Stddev	.0000866	.0002015	.09111	.0004126	.0000953	.0013849	.2965
%RSD	.9469227	6.085844	.1733114	.1798465	.0605834	.6204487	.1486600

#1	.0092211	.0035298	52.47299	.2290062	.1573691	.2244748	199.1425
#2	.0091655	.0031327	52.58322	.2298292	.1571890	.2234093	199.4485
#3	.0090512	.0032716	52.65377	.2293662	.1572252	.2217280	199.7354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.39128	18.82997	.2198895	-.009974	1.009615	.2952999	.5905037
Stddev	.03636	.01542	.0005318	.000160	.033168	.0028683	.0022075
%RSD	.1977168	.0818994	.2418625	1.602034	3.285248	.9713067	.3738316

#1	18.36625	18.83817	.2204730	-.010077	1.045931	.2986072	.5879751
#2	18.37460	18.81218	.2197637	-.010056	1.001994	.2937980	.5914890
#3	18.43299	18.83957	.2194319	-.009790	.980921	.2934944	.5920469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.338912	6.974464	.3679630	.0071643	4.062245	3.551888	.0082457
Stddev	.025016	.010712	.0015715	.0000951	.008052	.009578	.0006163
%RSD	.2999893	.1535846	.4270790	1.327198	.1982171	.2696689	7.474035

#1	8.310035	6.977146	.3667695	.0072145	4.071542	3.558089	.0080593
#2	8.353942	6.962667	.3673760	.0070546	4.057482	3.556719	.0089336
#3	8.352761	6.983580	.3697435	.0072237	4.057711	3.540856	.0077441

Sample Name: I7016-15 Acquired: 12/22/2017 15:04:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA511 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7017647	.0399761	.1249034
Stddev	.0044680	.0005280	.0002668
%RSD	.6366831	1.320889	.2136188

#1	.6966185	.0404995	.1251408
#2	.7040199	.0394436	.1246146
#3	.7046556	.0399853	.1249546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.134	2857.930	65549.62	14297.88	3430.325
Stddev	7.362	4.449	146.23	25.45	4.067
%RSD	.5062470	.1556615	.2230770	.1779789	.1185709

#1	1455.421	2859.973	65541.72	14270.68	3427.355
#2	1446.214	2852.826	65699.63	14321.11	3428.659
#3	1460.768	2860.989	65407.50	14301.85	3434.961

Sample Name: I7016-16 Acquired: 12/22/2017 15:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA512 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023868	-.012868	F 145.4535	-.002850	.0113526	21.99340
Stddev	.0122137	.005472	.2103	.001506	.0023943	.08623
%RSD	11.92894	42.52719	.1446079	52.85367	21.09041	.3920679

#1	.1099386	-.019159	145.4537	-.001116	.0088108	21.93387
#2	.1089260	-.009207	145.2430	-.003840	.0135654	21.95404
#3	.0882958	-.010238	145.6637	-.003594	.0116815	22.09228

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4288041	.0080912	.7234093	F 1809.308	.0486722	.2806128
Stddev	.0006375	.0002423	.0019410	12.394	.0005922	.0006571
%RSD	.1486757	2.994278	.2683077	.6850322	1.216749	.2341581

#1	.4287901	.0082295	.7213865	1796.295	.0490447	.2812979
#2	.4281737	.0078114	.7235847	1810.655	.0489826	.2799879
#3	.4294485	.0082326	.7252566	1820.973	.0479893	.2805526

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8916834	249.9539	F 34.85644	F 941.7948	.2123204	.0366945
Stddev	.0051836	.9157	.12554	3.2060	.0013747	.0006306
%RSD	.5813309	.3663413	.3601766	.3404128	.6474764	1.718629

#1	.8930125	249.2032	34.77923	940.0403	.2113473	.0361961
#2	.8859646	249.6845	34.78878	939.8490	.2117208	.0364838
#3	.8960730	250.9741	35.00130	945.4951	.2138931	.0374035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.995179	.0821170	F 30.54204	5.380328	8.770417	.5038358
Stddev	.066447	.0027395	.20931	.051509	.044225	.0049171
%RSD	2.218469	3.336041	.6853317	.9573535	.5042551	.9759342

#1	2.941207	.0795812	30.31631	5.385911	8.764163	.5000350
#2	2.974937	.0817474	30.72971	5.326256	8.729652	.5020832
#3	3.069393	.0850225	30.58010	5.428818	8.817437	.5093890

Sample Name: I7016-16 Acquired: 12/22/2017 15:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA512 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096814	52.94725	2.778260	.0084157	.2043123	.0850506
Stddev	.0000664	.23620	.034082	.0009091	.0010004	.0008599
%RSD	.6862421	.4461030	1.226733	10.80219	.4896562	1.010997

#1	.0096112	52.88711	2.738906	.0092428	.2041169	.0842016
#2	.0097433	52.74694	2.798011	.0074424	.2053960	.0859209
#3	.0096895	53.20771	2.797863	.0085620	.2034240	.0850294

Elem	Sr4077
Units	ppm
Avg	.5574062
Stddev	.0010046
%RSD	.1802235

#1	.5569252
#2	.5567327
#3	.5585609

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1063.157	2070.089	48449.87	11629.51	2358.563
Stddev	4.379	11.270	65.29	34.91	9.535
%RSD	.4118613	.5444442	.1347535	.3001474	.4042715

#1	1064.335	2057.079	48498.65	11594.28	2348.138
#2	1058.310	2076.870	48375.70	11664.08	2366.843
#3	1066.827	2076.318	48475.25	11630.17	2360.706

Sample Name: I7016-11 Acquired: 12/22/2017 15:13:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA508D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1276663	-.013141	1.379821	.0073974	.0067833	116.4027	1.704576
Stddev	.0036569	.003160	.004204	.0015604	.0010486	.3997	.005486
%RSD	2.864403	24.05026	.3046737	21.09308	15.45849	.3433387	.3218448

#1	.1302264	-.011303	1.374967	.0061927	.0057133	116.2981	1.709551
#2	.1234782	-.011329	1.382217	.0091600	.0068275	116.8443	1.705486
#3	.1292944	-.016790	1.382279	.0068395	.0078091	116.0658	1.698692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092672	.0050724	95.99082	.1732406	.1929280	.2954859	244.3599
Stddev	.0000435	.0001272	.56698	.0006187	.0000424	.0018741	.6578
%RSD	.4694924	2.507951	.5906657	.3571475	.0219800	.6342391	.2691772

#1	.0092791	.0051904	95.85594	.1725426	.1929230	.2976350	243.9888
#2	.0093035	.0049376	95.50344	.1737217	.1929727	.2946312	243.9715
#3	.0092189	.0050893	96.61308	.1734576	.1928883	.2941916	245.1193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.06474	57.96096	.2011822	-.012836	1.327182	.4070427	.9033954
Stddev	.07594	.08656	.0004998	.000094	.158783	.0024355	.0075669
%RSD	.4203645	.1493419	.2484330	.7349932	11.96393	.5983355	.8376065

#1	18.02825	57.86210	.2009785	-.012727	1.193867	.4053045	.8982125
#2	18.01392	58.02316	.2008165	-.012892	1.502846	.4059972	.8998949
#3	18.15203	57.99762	.2017517	-.012889	1.284833	.4098263	.9120787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.41306	6.264128	.4443413	.0087071	3.499084	3.962089	.0132489
Stddev	.05441	.020520	.0030599	.0001634	.012099	.082361	.0014552
%RSD	.4056729	.3275762	.6886460	1.877190	.3457816	2.078726	10.98382

#1	13.45797	6.240514	.4454729	.0085363	3.487416	4.057139	.0135092
#2	13.42866	6.274244	.4408768	.0088620	3.511572	3.911839	.0116811
#3	13.35255	6.277626	.4466743	.0087230	3.498264	3.917289	.0145565

Sample Name: I7016-11 Acquired: 12/22/2017 15:13:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA508D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.230529	.0703521	.1267534
Stddev	.003578	.0000879	.0003046
%RSD	.2907991	.1250151	.2403052

#1	1.232461	.0704435	.1267940
#2	1.226399	.0703448	.1270356
#3	1.232725	.0702681	.1264305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.513	2671.322	59710.06	13170.04	3339.844
Stddev	9.134	10.105	303.51	34.87	7.703
%RSD	.6733462	.3782845	.5083130	.2648017	.2306284

#1	1351.920	2659.660	59656.36	13135.54	3331.160
#2	1367.032	2677.490	60036.83	13205.28	3345.849
#3	1350.586	2676.816	59436.98	13169.30	3342.524

Sample Name: I7016-12 Acquired: 12/22/2017 15:17:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA508S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2058090	.0914390	1.393543	.1089306	.2135672	118.8138	6.016378
Stddev	.0034652	.0019641	.002006	.0037601	.0022893	.2674	.018849
%RSD	1.683670	2.147966	.1439497	3.451877	1.071930	.2250279	.3132891

#1	.2096131	.0894682	1.395672	.1132354	.2109765	119.1216	6.037644
#2	.2049812	.0933963	1.393268	.1072684	.2144077	118.6386	6.009758
#3	.2028328	.0914525	1.391688	.1062881	.2153175	118.6813	6.001733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063310	.1195973	92.05510	.5999637	1.356939	.8019112	243.4245
Stddev	.0003900	.0001994	.39593	.0005837	.000639	.0070300	.5561
%RSD	.3667374	.1667598	.4300979	.0972920	.0470867	.8766531	.2284313

#1	.1064723	.1194577	91.60262	.5992914	1.356252	.8067988	242.8583
#2	.1066306	.1195085	92.33794	.6002587	1.357048	.8050802	243.9698
#3	.1058901	.1198257	92.22475	.6003411	1.357516	.7938545	243.4454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.59669	55.97905	1.364127	.1467161	1.345424	1.452005	1.860316
Stddev	.06887	.15593	.000852	.0005391	.163423	.008442	.010942
%RSD	.3703165	.2785421	.0624760	.3674070	12.14660	.5814365	.5881705

#1	18.52062	55.81775	1.364864	.1467783	1.346763	1.443302	1.848201
#2	18.65479	56.12898	1.363193	.1461487	1.508174	1.460161	1.869480
#3	18.61466	55.99041	1.364323	.1472214	1.181336	1.452552	1.863266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.08829	6.016377	.4431626	.0084644	3.336404	3.765728	.0110277
Stddev	.06334	.025348	.0018278	.0003507	.024796	.014263	.0017599
%RSD	.4839428	.4213229	.4124543	4.142745	.7432076	.3787525	15.95855

#1	13.16141	5.989648	.4411354	.0086072	3.313683	3.776292	.0128443
#2	13.05322	6.040071	.4446849	.0087210	3.362854	3.749504	.0093307
#3	13.05024	6.019413	.4436674	.0080648	3.332677	3.771388	.0109081

Sample Name: I7016-12 Acquired: 12/22/2017 15:17:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA508S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.201798	.0705486	.1263659
Stddev	.005517	.0007353	.0002418
%RSD	.4590330	1.042327	.1913332

#1	1.207588	.0713974	.1265338
#2	1.201203	.0701455	.1264752
#3	1.196603	.0701030	.1260888

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.836	2671.940	59909.02	13148.57	3352.478
Stddev	4.097	6.474	74.85	58.78	5.822
%RSD	.2997522	.2422952	.1249420	.4470814	.1736492

#1	1364.697	2664.465	59969.46	13163.06	3345.756
#2	1364.251	2675.705	59932.31	13083.90	3355.795
#3	1371.560	2675.651	59825.29	13198.76	3355.882

Sample Name: I7016-17 Acquired: 12/22/2017 15:21:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA513 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783604	-.011032	.7201192	.0075830	.0030914	54.69638	2.321443
Stddev	.0045035	.000905	.0003164	.0029428	.0011096	.07912	.002145
%RSD	5.747108	8.207216	.0439340	38.80841	35.89175	.1446545	.0924118

#1	.0743494	-.010176	.7203411	.0102612	.0043726	54.60507	2.320324
#2	.0774997	-.010939	.7197569	.0044326	.0024472	54.73959	2.323917
#3	.0832321	-.011980	.7202595	.0080552	.0024544	54.74450	2.320089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044272	.0029753	524.2732	.1146416	.0750395	.1125387	100.5233
Stddev	.0001203	.0001433	4.0370	.0006705	.0004087	.0005683	.5309
%RSD	2.716396	4.817010	.7700257	.5848980	.5446205	.5049438	.5281022

#1	.0043255	.0031369	520.1773	.1143213	.0751746	.1131942	100.0625
#2	.0045599	.0028634	524.3936	.1154123	.0745804	.1121856	100.4037
#3	.0043962	.0029258	528.2487	.1141913	.0753635	.1122362	101.1038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.937732	250.5504	.0905151	-.005671	1.022005	.1686550	.7917878
Stddev	.032692	1.3346	.0006089	.000457	.091683	.0010398	.0079666
%RSD	.5505760	.5326664	.6727168	8.051678	8.970860	.6165378	1.006157

#1	5.904833	249.3691	.0909063	-.005925	.921197	.1686878	.7827549
#2	5.938151	250.2840	.0908255	-.005944	1.100411	.1675992	.7947965
#3	5.970212	251.9981	.0898136	-.005144	1.044405	.1696781	.7978119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.328505	6.791212	.1944633	.0060276	5.714554	4.044008	.0011846
Stddev	.019733	.018899	.0010752	.0002915	.011068	.033908	.0024788
%RSD	.3118066	.2782813	.5528955	4.835877	.1936809	.8384669	209.2563

#1	6.306701	6.784543	.1932219	.0062038	5.717972	4.015277	-.000823
#2	6.345135	6.812541	.1950985	.0061879	5.723509	4.081409	.003955
#3	6.333678	6.776552	.1950694	.0056912	5.702179	4.035338	.000422

Sample Name: I7016-17 Acquired: 12/22/2017 15:21:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA513 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6960247	.0434992	.3106976
Stddev	.0028818	.0004883	.0005211
%RSD	.4140393	1.122443	.1677229

#1	.6927035	.0436663	.3109285
#2	.6975052	.0438819	.3110633
#3	.6978653	.0429493	.3101009

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.637	2338.161	52959.59	12148.83	2991.151
Stddev	4.108	7.705	269.98	11.00	6.549
%RSD	.3453366	.3295274	.5097907	.0905295	.2189554

#1	1191.320	2329.631	52788.62	12154.94	2983.649
#2	1184.955	2340.236	52819.31	12155.42	2994.074
#3	1192.638	2344.615	53270.83	12136.13	2995.729

Sample Name: CCV056 Acquired: 12/22/2017 15:25:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.165938	4.983076	24.88989	5.124356	5.140968	381.7855
Stddev	.027385	.019582	.03661	.012966	.020863	2.2488
%RSD	.5300987	.3929719	.1470972	.2530278	.4058176	.5890249

#1	5.188523	4.981351	24.84988	5.137253	5.159506	383.7152
#2	5.135479	4.964414	24.89810	5.111322	5.118375	382.3253
#3	5.173813	5.003464	24.92171	5.124495	5.145023	379.3159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.966930	.4851872	2.515707	394.7694	15.49523	2.538651
Stddev	.079404	.0017570	.007353	1.8201	.02367	.004833
%RSD	.7966790	.3621317	.2922865	.4610468	.1527310	.1903715

#1	10.02637	.4859996	2.507563	393.2079	15.52248	2.534091
#2	9.87675	.4831710	2.517701	394.3318	15.47984	2.538145
#3	9.99767	.4863909	2.521857	396.7683	15.48336	2.543717

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.60269	391.7786	14.75398	393.6212	2.521672	F 1.392721
Stddev	.05718	.7065	.04021	1.0948	.009908	.005473
%RSD	.3915754	.1803301	.2725603	.2781241	.3929045	.3930066

#1	14.66802	391.5596	14.73199	393.4642	2.510247	1.398847
#2	14.56174	391.2075	14.72955	392.6135	2.527893	1.388312
#3	14.57831	392.5686	14.80039	394.7860	2.526877	1.391004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.5424	2.437198	14.84858	147.9034	5.158748	5.161499
Stddev	.1551	.001511	.09622	.3852	.020008	.031146
%RSD	.0404294	.0619887	.6480093	.2604188	.3878536	.6034248

#1	383.6110	2.438500	14.74196	148.3456	5.172222	5.193188
#2	383.6512	2.437553	14.87483	147.7235	5.135758	5.130927
#3	383.3648	2.435542	14.92895	147.6411	5.168265	5.160383

Sample Name: CCV056 Acquired: 12/22/2017 15:25:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032456	5.194616	4.728458	5.027521	5.025742	5.124337
Stddev	.015743	.012591	.013308	.010359	.015169	.011583
%RSD	.3128266	.2423820	.2814487	.2060378	.3018314	.2260392

#1	5.038424	5.185573	4.741653	5.015609	5.011722	5.130746
#2	5.014601	5.189279	4.715040	5.034414	5.023658	5.131299
#3	5.044341	5.208996	4.728679	5.032540	5.041845	5.110966

Elem	Sr4077
Units	ppm
Avg	5.150917
Stddev	.057358
%RSD	1.113559

#1	5.165020
#2	5.087822
#3	5.199908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.494	2017.437	46491.31	10597.17	2657.932
Stddev	3.340	7.424	208.93	56.94	2.184
%RSD	.3263204	.3679717	.4494036	.5373548	.0821806

#1	1023.422	2009.176	46250.08	10536.48	2655.549
#2	1026.869	2023.551	46614.49	10649.42	2659.839
#3	1020.190	2019.583	46609.38	10605.62	2658.407

Sample Name: CCB056 Acquired: 12/22/2017 15:29:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006854	-.000247	.0000825	.0032109	-.001061	.0011007	-.001227
Stddev	.0016083	.001721	.0013246	.0007923	.000479	.0047517	.000516
%RSD	234.6429	697.9036	1605.096	24.67571	45.18925	431.6747	42.04660

#1	.0009888	.001354	.0015147	.0030441	-.000611	.0048194	-.001752
#2	-.001053	-.000028	-.000169	.0025153	-.001565	.0027353	-.001209
#3	.002120	-.002066	-.001099	.0040734	-.001007	-.004252	-.000721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000101	.0000461	.0004501	.0003584	-.000218	-.000411	.0036555
Stddev	.0000603	.0001309	.0090306	.0006871	.000131	.000130	.0025464
%RSD	596.4448	284.2634	2006.370	191.7509	60.14507	31.70965	69.65725

#1	-.000038	.0000923	.0104990	.0002739	-.000368	-.000492	.0008701
#2	.000078	-.000102	-.002163	.0010838	-.000158	-.000481	.0042329
#3	-.000010	.000148	-.006986	-.000283	-.000127	-.000261	.0058636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000281	-.004542	-.000015	.0002047	-.011296	.0007977	-.001343
Stddev	.000158	.003115	.000085	.0000730	.073887	.0018696	.001594
%RSD	56.13930	68.57948	571.8057	35.65122	654.1091	234.3786	118.6931

#1	-.000376	-.007916	.000078	.0001292	.073706	.0014242	-.002355
#2	-.000099	-.003936	-.000088	.0002101	-.060148	-.001305	-.002168
#3	-.000369	-.001775	-.000035	.0002748	-.047446	.002273	.000494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.139485	-.000919	-.005156	.0001262	-.001847	-.001959	-.000059
Stddev	.044411	.001102	.000988	.0002754	.003467	.000817	.001061
%RSD	31.83953	119.9585	19.15427	218.1839	187.6891	41.68382	1784.976

#1	-.140460	-.000491	-.005945	.0003868	-.005653	-.001016	.000945
#2	-.094594	-.002171	-.004049	-.000162	.001131	-.002425	.000047
#3	-.183400	-.000095	-.005475	.000154	-.001020	-.002437	-.001170

Sample Name: CCB056 Acquired: 12/22/2017 15:29:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000934	.0000915	.0000263
Stddev	.0008008	.0005322	.0000095
%RSD	857.6299	581.4332	36.30953

#1	.0010174	.0004606	.0000210
#2	-.000399	.0003325	.0000373
#3	-.000339	-.000519	.0000206

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.315	2577.851	57348.22	11437.91	4103.866
Stddev	14.595	7.213	338.82	16.49	5.377
%RSD	1.110456	.2798207	.5908168	.1441904	.1310338

#1	1300.019	2572.325	56983.98	11419.17	4097.992
#2	1313.734	2575.217	57406.67	11444.35	4105.061
#3	1329.192	2586.011	57654.02	11450.22	4108.546

Sample Name: I7016-18 Acquired: 12/22/2017 15:33:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA514 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105522	-.012858	9.826707	.0051547	.0051648	75.47818	1.989340
Stddev	.0017970	.002616	.025008	.0006249	.0007182	.39820	.008403
%RSD	1.625448	20.34813	.2544858	12.12228	13.90588	.5275753	.4224036

#1	.1085760	-.015504	9.801684	.0054322	.0055431	75.13623	1.983883
#2	.1109924	-.010272	9.826736	.0044392	.0043365	75.91537	1.999016
#3	.1120881	-.012799	9.851699	.0055928	.0056147	75.38293	1.985120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086237	.0356271	118.9698	.1639264	.1865591	.3177174	195.4273
Stddev	.0001650	.0000133	.9271	.0014183	.0000285	.0025657	1.4233
%RSD	1.912708	.0374715	.7792593	.8651998	.0152883	.8075270	.7282903

#1	.0085330	.0356373	118.3350	.1633686	.1865459	.3152297	194.2342
#2	.0088141	.0356120	120.0337	.1655388	.1865918	.3203545	197.0026
#3	.0085241	.0356320	118.5408	.1628718	.1865395	.3175680	195.0450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.34317	59.28596	.2151917	-.007276	1.233121	.2620312	2.512314
Stddev	.08882	.39706	.0008762	.000334	.028909	.0041990	.021686
%RSD	.6192303	.6697347	.4071916	4.591128	2.344373	1.602465	.8631870

#1	14.28030	58.98431	.2154530	-.007192	1.210307	.2577477	2.503183
#2	14.44478	59.73580	.2159076	-.006992	1.223423	.2661402	2.496687
#3	14.30443	59.13776	.2142146	-.007644	1.265632	.2622058	2.537072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15691	6.378385	.3636216	.0045457	3.917115	3.483838	.0074981
Stddev	.06093	.021542	.0034433	.0002948	.027120	.026185	.0005998
%RSD	.5998445	.3377272	.9469566	6.485057	.6923478	.7516172	7.998708

#1	10.08661	6.360062	.3599438	.0042053	3.911296	3.457030	.0080226
#2	10.18962	6.372978	.3667688	.0047180	3.893377	3.485131	.0068442
#3	10.19449	6.402115	.3641523	.0047139	3.946672	3.509353	.0076273

Sample Name: I7016-18 Acquired: 12/22/2017 15:33:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA514 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7160422	.0528522	.1126853
Stddev	.0034999	.0007101	.0007633
%RSD	.4887881	1.343558	.6773524

#1	.7167536	.0529785	.1121796
#2	.7191319	.0520874	.1135633
#3	.7122413	.0534907	.1123130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.745	2682.177	60944.13	13388.60	3342.006
Stddev	4.982	6.214	91.99	111.82	1.337
%RSD	.3603091	.2316771	.1509468	.8352017	.0399963

#1	1380.222	2679.952	60878.10	13429.12	3340.945
#2	1388.484	2677.382	61049.21	13262.17	3343.507
#3	1379.528	2689.197	60905.09	13474.52	3341.566

Sample Name: I7016-19 Acquired: 12/22/2017 15:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA515 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1515122	-.009229	5.368410	.0079988	.0085361	44.90107	2.091658
Stddev	.0036335	.001588	.008963	.0045312	.0025830	.19031	.015060
%RSD	2.398139	17.20581	.1669626	56.64890	30.26027	.4238425	.7200067

#1	.1556405	-.010862	5.358787	.0070778	.0093767	44.74630	2.097498
#2	.1500958	-.009135	5.376521	.0129197	.0105941	45.11355	2.102924
#3	.1488002	-.007691	5.369923	.0039988	.0056374	44.84334	2.074553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119762	.0084865	102.9961	.1328702	.3369007	.4276259	177.6135
Stddev	.0000743	.0000799	.3818	.0003638	.0004496	.0025847	.7617
%RSD	.6204230	.9408585	.3707140	.2737966	.1334615	.6044190	.4288783

#1	.0119069	.0084070	102.6056	.1330931	.3373960	.4276676	176.9099
#2	.0120547	.0084856	103.3686	.1330671	.3367877	.4301894	178.4224
#3	.0119669	.0085667	103.0142	.1324504	.3365183	.4250206	177.5080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.03377	11.61899	.1369366	-.008281	.7094932	.3720979	2.916891
Stddev	.06306	.02866	.0002993	.000273	.0651889	.0008123	.030839
%RSD	.3497001	.2466254	.2185914	3.292048	9.188099	.2183080	1.057262

#1	17.96891	11.64416	.1371210	-.007971	.6408721	.3727210	2.881370
#2	18.09487	11.58780	.1370976	-.008385	.7170088	.3723935	2.936834
#3	18.03754	11.62501	.1365912	-.008486	.7705985	.3711791	2.932468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.287511	4.216868	.3363591	.0061694	2.426988	4.209740	.0173925
Stddev	.057617	.026543	.0012062	.0001091	.011267	.020833	.0020308
%RSD	1.089690	.6294502	.3586173	1.768281	.4642533	.4948715	11.67610

#1	5.265811	4.245337	.3351165	.0062767	2.437871	4.219924	.0154763
#2	5.352828	4.192802	.3375254	.0061730	2.427721	4.223521	.0171799
#3	5.243894	4.212463	.3364354	.0060586	2.415373	4.185774	.0195211

Sample Name: I7016-19 Acquired: 12/22/2017 15:37:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA515 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8035724	.0192591	.4139959
Stddev	.0077420	.0002075	.0037066
%RSD	.9634426	1.077422	.8953331

#1	.8076378	.0190251	.4154334
#2	.8084348	.0194208	.4167685
#3	.7946446	.0193313	.4097858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.039	2868.469	65352.24	14067.37	3518.177
Stddev	2.636	16.734	155.61	10.69	7.633
%RSD	.1799590	.5833687	.2381058	.0759564	.2169622

#1	1466.472	2851.347	65256.03	14059.18	3513.374
#2	1466.650	2869.276	65531.76	14063.47	3514.178
#3	1461.997	2884.785	65268.92	14079.46	3526.978

Sample Name: I7016-20 Acquired: 12/22/2017 15:41:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA516 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817725	-.010758	20.74484	.0045564	.0067563	56.34211	1.747921
Stddev	.0017843	.001455	.05783	.0019910	.0020898	.20111	.007564
%RSD	2.181977	13.52389	.2787896	43.69745	30.93186	.3569444	.4327486

#1	.0836685	-.009952	20.79847	.0053731	.0088664	56.19423	1.742025
#2	.0801262	-.012438	20.75249	.0060093	.0067152	56.57111	1.756450
#3	.0815229	-.009885	20.68356	.0022869	.0046873	56.26099	1.745289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085311	.2137892	564.6498	.1240205	.2307673	.3221701	203.7211
Stddev	.0000623	.0003661	3.2196	.0002738	.0007062	.0012462	.9899
%RSD	.7299286	.1712319	.5701980	.2208054	.3060151	.3868019	.4859312

#1	.0085673	.2141331	561.8929	.1242456	.2312994	.3226327	203.0319
#2	.0084592	.2134044	568.1882	.1241004	.2310364	.3231187	204.8554
#3	.0085668	.2138301	563.8683	.1237156	.2299662	.3207587	203.2758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.29811	289.0294	.2046326	.0044419	1.472689	.2103581	9.760104
Stddev	.12822	1.6451	.0012150	.0002961	.037757	.0022048	.099305
%RSD	.5503391	.5691908	.5937453	6.666299	2.563809	1.048101	1.017460

#1	23.18500	287.5482	.2059015	.0047743	1.442652	.2099993	9.730089
#2	23.43740	290.8001	.2034798	.0042064	1.515074	.2083548	9.870955
#3	23.27193	288.7399	.2045166	.0043449	1.460341	.2127203	9.679269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.812021	6.120485	.3817161	.0043379	6.504040	3.652568	.0069000
Stddev	.037687	.030325	.0025677	.0004065	.009365	.009164	.0023464
%RSD	.4824237	.4954736	.6726697	9.370078	.1439831	.2508847	34.00661

#1	7.775370	6.108563	.3796065	.0038869	6.512834	3.648228	.0094628
#2	7.810028	6.154960	.3845751	.0044509	6.505094	3.663096	.0048572
#3	7.850665	6.097933	.3809667	.0046759	6.494194	3.646381	.0063799

Sample Name: I7016-20 Acquired: 12/22/2017 15:41:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA516 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6028029	.0464259	.1931348
Stddev	.0018296	.0002933	.0004688
%RSD	.3035093	.6318467	.2427561

#1	.6031920	.0460987	.1928973
#2	.6044067	.0466653	.1936749
#3	.6008102	.0465138	.1928322

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.459	2451.476	55929.57	12746.58	2903.519
Stddev	8.523	2.494	254.12	58.41	12.466
%RSD	.6854243	.1017546	.4543574	.4582116	.4293559

#1	1241.450	2450.057	55795.72	12730.38	2890.829
#2	1236.119	2450.013	55770.35	12697.99	2903.979
#3	1252.806	2454.356	56222.64	12811.38	2915.749

Sample Name: I7016-21 Acquired: 12/22/2017 15:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA517 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1372565	-.015923	8.178749	.0064347	.0063431	68.92077	1.700220
Stddev	.0016144	.002973	.041958	.0003864	.0013430	.34819	.010733
%RSD	1.176182	18.67322	.5130079	6.005738	21.17303	.5052057	.6312987

#1	.1354459	-.018188	8.217464	.0067672	.0048416	68.53547	1.688216
#2	.1385460	-.012556	8.184616	.0060107	.0067577	69.01396	1.703548
#3	.1377776	-.017024	8.134166	.0065262	.0074298	69.21289	1.708895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089736	.0573346	53.02590	.2093678	.1632850	.1589334	246.1104
Stddev	.0001781	.0004334	.34179	.0007531	.0002095	.0006447	1.3008
%RSD	1.984922	.7559540	.6445680	.3597163	.1283044	.4056175	.5285372

#1	.0089052	.0573799	52.82812	.2095735	.1634406	.1581943	244.9340
#2	.0091758	.0577436	52.82901	.2085332	.1630467	.1592261	245.8896
#3	.0088399	.0568803	53.42056	.2099967	.1633675	.1593797	247.5074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.02980	28.61688	.1779780	-.009479	.9926698	.3120927	3.317340
Stddev	.09925	.23136	.0006436	.000302	.0418654	.0037873	.036999
%RSD	.6191856	.8084806	.3616070	3.183735	4.217454	1.213514	1.115308

#1	15.94460	28.39357	.1785850	-.009828	1.039117	.3116293	3.299459
#2	16.00601	28.60156	.1780457	-.009310	.981053	.3085585	3.292678
#3	16.13879	28.85553	.1773032	-.009300	.957839	.3160904	3.359882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.278288	3.717029	.4418293	.0063412	2.354802	3.547705	.0088937
Stddev	.082968	.021673	.0022806	.0001773	.013289	.033384	.0008475
%RSD	1.139935	.5830713	.5161640	2.795660	.5643213	.9410155	9.528917

#1	7.183665	3.740020	.4399889	.0064775	2.365046	3.537324	.0098217
#2	7.338580	3.714094	.4411184	.0064052	2.359574	3.520744	.0086986
#3	7.312620	3.696973	.4443807	.0061408	2.339787	3.585046	.0081608

Sample Name: I7016-21 Acquired: 12/22/2017 15:45:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA517 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6385369	.0410055	.0718022
Stddev	.0024996	.0004970	.0003846
%RSD	.3914555	1.211974	.5357000

#1	.6369246	.0404320	.0713877
#2	.6372699	.0413102	.0718716
#3	.6414163	.0412742	.0721475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.367	2742.839	61794.65	13302.53	3525.369
Stddev	1.589	9.910	78.85	33.86	14.917
%RSD	.1137302	.3613179	.1275967	.2545279	.4231274

#1	1399.110	2732.930	61845.45	13334.89	3508.214
#2	1396.993	2752.751	61834.69	13305.34	3532.604
#3	1395.998	2742.836	61703.82	13267.35	3535.289

Sample Name: I6754-10 Acquired: 12/22/2017 15:49:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070940	-.000439	-.001367	.0026600	-.002207	.1534363
Stddev	.0073346	.005176	.003256	.0010351	.001606	.0033557
%RSD	103.3915	1178.927	238.0952	38.91305	72.74960	2.187001

#1	.0131118	.001540	.000218	.0037327	-.002105	.1568617
#2	-.001076	.003455	-.005112	.0025800	-.000655	.1532922
#3	.009246	-.006312	.000792	.0016672	-.003862	.1501550

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096881	.0000047	-.000153	333.7689	.0012433	-.000911
Stddev	.0001103	.0000402	.000256	2.3047	.0002624	.000529
%RSD	1.138414	858.2000	166.9400	.6904993	21.10114	58.07392

#1	.0097435	-.000040	-.000141	335.9978	.0009686	-.001508
#2	.0097598	.000039	-.000416	333.9136	.0014912	-.000723
#3	.0095611	.000015	.000096	331.3953	.0012701	-.000501

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053587	.1306680	.0195292	F 1003.065	-.001367	-.000150
Stddev	.0011768	.0047085	.0004836	8.207	.000560	.000061
%RSD	21.96077	3.603391	2.476306	.8182303	40.95545	40.34624

#1	.0047888	.1357983	.0195317	1012.318	-.001253	-.000082
#2	.0045754	.1296614	.0200115	1000.214	-.000873	-.000170
#3	.0067120	.1265442	.0190443	996.663	-.001976	-.000199

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9057.746	.0033811	.0035271	F 382.6338	.1171128	3.243923
Stddev	25.794	.0022662	.0024092	2.5695	.0012076	.022641
%RSD	.2847728	67.02459	68.30498	.6715406	1.031161	.6979423

#1	9052.450	.0059822	.0061249	380.5422	.1162918	3.269020
#2	9085.778	.0023278	.0030897	381.8572	.1165471	3.237715
#3	9035.012	.0018333	.0013665	385.5021	.1184994	3.225034

Sample Name: I6754-10 Acquired: 12/22/2017 15:49:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078311	887.4681	1.705062	-.005990	-.000149	.2149111
Stddev	.0000933	2.2008	.029028	.002442	.000217	.0065184
%RSD	1.191483	.2479879	1.702471	40.77200	145.9080	3.033056

#1	.0078526	889.0084	1.731613	-.007280	.000088	.2076286
#2	.0077288	888.4484	1.709506	-.007517	-.000195	.2169050
#3	.0079117	884.9475	1.674069	-.003173	-.000339	.2201996

Elem	Sr4077
Units	ppm
Avg	6.200078
Stddev	.018833
%RSD	.3037574

#1	6.221825
#2	6.189152
#3	6.189258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	946.3895	1831.418	38560.13	9900.023	2050.404
Stddev	2.5961	7.435	61.22	77.021	6.325
%RSD	.2743206	.4059526	.1587620	.7779894	.3084635

#1	944.6907	1835.516	38509.37	9820.086	2050.920
#2	949.3779	1835.903	38542.91	9906.231	2056.455
#3	945.0998	1822.836	38628.12	9973.753	2043.837

Sample Name: I6754-11 Acquired: 12/22/2017 15:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096967	-.002402	-.004140	.0022205	-.001781	.1398206
Stddev	.0026090	.004015	.000917	.0014707	.001150	.0088917
%RSD	26.90599	167.1916	22.13827	66.23211	64.56489	6.359342

#1	.0101295	-.005612	-.003111	.0038659	-.002647	.1499598
#2	.0068984	.002101	-.004440	.0017620	-.002220	.1361506
#3	.0120622	-.003694	-.004870	.0010337	-.000476	.1333514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094871	.0000638	-.000123	319.1973	.0013298	-.001901
Stddev	.0001024	.0000478	.000167	1.4778	.0003259	.000165
%RSD	1.079656	74.88543	134.9498	.4629769	24.50376	8.703773

#1	.0093830	.0000114	-.000241	317.7491	.0011270	-.001822
#2	.0094904	.0000751	.000067	320.7030	.0017057	-.001791
#3	.0095878	.0001050	-.000197	319.1397	.0011567	-.002092

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043641	.1083831	.0158829	F 967.3099	-.001850	.0000683
Stddev	.0011960	.0043938	.0005560	6.0608	.001790	.0003152
%RSD	27.40592	4.053933	3.500685	.6265627	96.79813	461.2321

#1	.0054600	.1037853	.0165136	960.9540	.000217	-.000252
#2	.0045441	.1088243	.0154635	973.0247	-.002824	.000378
#3	.0030883	.1125396	.0156716	967.9511	-.002942	.000078

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8815.581	.0008619	.0038245	F 380.7566	.1122268	3.125478
Stddev	82.617	.0003968	.0054983	2.5305	.0060531	.032333
%RSD	.9371665	46.02946	143.7630	.6646007	5.393611	1.034492

#1	8720.288	.0008908	.0011543	378.1090	.1057971	3.090021
#2	8859.376	.0004516	.0101480	381.0099	.1178152	3.153331
#3	8867.080	.0012435	.0001713	383.1510	.1130682	3.133081

Sample Name: I6754-11 Acquired: 12/22/2017 15:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077262	870.5485	1.617793	-.009780	-.001725	.2024490
Stddev	.0004901	3.9616	.016074	.001139	.000683	.0026081
%RSD	6.343625	.4550643	.9935839	11.64532	39.59600	1.288264

#1	.0081825	870.0021	1.599828	-.009004	-.001935	.1995280
#2	.0077881	866.8885	1.630815	-.009248	-.002279	.2032751
#3	.0072081	874.7549	1.622736	-.011087	-.000962	.2045440

Elem	Sr4077
Units	ppm
Avg	6.069878
Stddev	.087333
%RSD	1.438800

#1	5.969194
#2	6.115297
#3	6.125142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	927.9051	1764.128	38406.22	9979.687	1999.973
Stddev	7.4686	13.516	65.34	78.976	12.532
%RSD	.8048867	.7661357	.1701369	.7913700	.6265916

#1	930.0446	1777.638	38406.87	10069.05	2012.193
#2	934.0705	1764.140	38471.24	9950.76	2000.577
#3	919.6003	1750.607	38340.56	9919.25	1987.151

Sample Name: I6754-14 Acquired: 12/22/2017 15:58:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020205	.0020563	.0016981	-.002694	-.001544	.0036901	.0037859
Stddev	.0005960	.0003627	.0001139	.000341	.000131	.0007534	.0000506
%RSD	29.49500	17.63802	6.708887	12.65515	8.452486	20.41776	1.335494

#1	.0014044	.0016669	.0017715	-.003039	-.001694	.0044143	.0037757
#2	.0025940	.0021176	.0017559	-.002684	-.001451	.0037455	.0038408
#3	.0020633	.0023844	.0015668	-.002357	-.001489	.0029105	.0037412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001831	-.000151	-.020567	.0003169	.0000707	-.000989	-.004364
Stddev	.0000235	.000018	.002916	.0001133	.0000119	.000233	.002353
%RSD	12.85204	11.68333	14.17632	35.76165	16.78102	23.53778	53.91139

#1	.0002086	-.000140	-.018148	.0002054	.0000621	-.000788	-.002395
#2	.0001622	-.000142	-.023804	.0004320	.0000842	-.001244	-.003727
#3	.0001785	-.000172	-.019749	.0003134	.0000657	-.000936	-.006969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000339	.0085594	.0015874	-.000405	.2865592	.0006202	.0005313
Stddev	.000057	.0023310	.0000480	.000064	.0040668	.0002032	.0002665
%RSD	16.90716	27.23309	3.022900	15.83810	1.419196	32.75846	50.15827

#1	-.000302	.0059036	.0016020	-.000409	.2831807	.0005490	.0006842
#2	-.000310	.0102662	.0015338	-.000467	.2910731	.0004622	.0002236
#3	-.000405	.0095083	.0016263	-.000339	.2854238	.0008494	.0006862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.892431	-.004950	-.008680	-.000188	-.033079	-.001564	-.001645
Stddev	.018135	.000165	.000153	.000055	.000345	.003321	.000102
%RSD	2.032039	3.327013	1.766843	29.32026	1.041892	212.3805	6.229065

#1	-.872524	-.005088	-.008614	-.000251	-.033304	.002240	-.001749
#2	-.908009	-.004993	-.008571	-.000150	-.032683	-.003039	-.001544
#3	-.896762	-.004768	-.008855	-.000162	-.033251	-.003893	-.001641

Sample Name: I6754-14 Acquired: 12/22/2017 15:58:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000107	-.009695	-.000052
Stddev	.0001567	.000060	.000007
%RSD	1472.216	.6227839	12.57015

#1	-.000042	-.009735	-.000045
#2	.000187	-.009725	-.000055
#3	-.000113	-.009626	-.000058

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8285.438	15710.01	292884.6	38642.27	22443.85
Stddev	56.481	184.82	4115.7	1099.03	261.24
%RSD	.6816912	1.176473	1.405229	2.844112	1.163962

#1	8223.123	15502.24	293501.7	37407.45	22157.05
#2	8299.927	15856.13	288495.2	39006.15	22668.21
#3	8333.263	15771.67	296656.9	39513.21	22506.28

Sample Name: I6755-10 Acquired: 12/22/2017 16:03:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075872	-.000611	-.004238	.0023075	-.002276	.0323427
Stddev	.0041570	.003662	.001760	.0046365	.001479	.0061208
%RSD	54.78944	599.7837	41.53460	200.9296	64.97004	18.92468

#1	.0029151	-.004804	-.002980	.0059091	-.000598	.0294018
#2	.0089696	.001019	-.003484	-.002924	-.003391	.0393788
#3	.0108769	.001953	-.006249	.003937	-.002840	.0282475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087371	.0001034	-.000040	327.6712	.0007205	-.001158
Stddev	.0002621	.0000331	.000099	.7500	.0009560	.000560
%RSD	2.999715	32.02241	244.4110	.2288768	132.6897	48.38808

#1	.0088689	.0001310	.000051	327.2902	.0002795	-.000747
#2	.0084352	.0000667	-.000145	327.1882	.0018175	-.000931
#3	.0089070	.0001127	-.000026	328.5352	.0000646	-.001796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033889	-.071702	.0068709	F 993.4789	-.002861	.0000080
Stddev	.0014861	.003060	.0004862	.6148	.000600	.0003063
%RSD	43.85322	4.267502	7.076859	.0618842	20.96708	3813.425

#1	.0036271	-.073422	.0071520	993.9721	-.002901	.0000948
#2	.0047415	-.068169	.0063094	992.7901	-.003439	-.000332
#3	.0017980	-.073514	.0071512	993.6746	-.002242	.000262

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9237.647	.0026532	.0019772	F 398.1377	.1072433	3.244989
Stddev	6.583	.0025558	.0032447	1.6512	.0032922	.003717
%RSD	.0712626	96.32897	164.1071	.4147315	3.069857	.1145415

#1	9230.286	.0053311	.0047573	396.3997	.1036121	3.249258
#2	9242.971	.0002402	-.001588	398.3278	.1100333	3.242470
#3	9239.683	.0023882	.002762	399.6857	.1080847	3.243240

Sample Name: I6755-10 Acquired: 12/22/2017 16:03:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082474	906.1232	1.385582	-.008919	-.005821	.2020938
Stddev	.0001506	2.3453	.005586	.001210	.000159	.0039883
%RSD	1.825774	.2588322	.4031217	13.56144	2.736397	1.973507

#1	.0082971	906.7064	1.379812	-.010290	-.005743	.1975591
#2	.0080782	903.5413	1.390963	-.008464	-.006004	.2036657
#3	.0083668	908.1219	1.385972	-.008003	-.005715	.2050568

Elem	Sr4077
Units	ppm
Avg	6.261024
Stddev	.020870
%RSD	.3333252

#1	6.236971
#2	6.271772
#3	6.274328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	902.2457	1724.074	37676.22	9689.759	1966.209
Stddev	5.8675	4.573	27.53	34.697	1.608
%RSD	.6503174	.2652664	.0730624	.3580814	.0818060

#1	900.0042	1729.309	37679.92	9716.998	1967.733
#2	908.9036	1720.858	37647.04	9701.585	1964.527
#3	897.8295	1722.054	37701.72	9650.695	1966.366

Sample Name: I6755-11 Acquired: 12/22/2017 16:07:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044990	-.001007	-.003753	-.001078	-.001175	.0559781
Stddev	.0061874	.003994	.003293	.002861	.000967	.0088448
%RSD	137.5276	396.5445	87.73797	265.3817	82.26986	15.80036

#1	.0085283	.003060	-.003454	-.004271	-.001418	.0463680
#2	.0075938	-.004923	-.007185	.001253	-.001998	.0637771
#3	-.002625	-.001159	-.000620	-.000217	-.000110	.0577893

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092911	.0000883	-.000061	321.7580	.0004654	-.000791
Stddev	.0001849	.0000596	.000101	1.7817	.0005271	.000242
%RSD	1.989998	67.49907	166.4727	.5537240	113.2696	30.57194

#1	.0094910	.0000380	-.000009	322.7663	.0000342	-.000692
#2	.0091263	.0001541	.000004	322.8068	.0003090	-.001067
#3	.0092560	.0000728	-.000177	319.7008	.0010531	-.000615

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051346	-.033843	.0090069	F 972.0032	-.002311	.0002199
Stddev	.0008540	.005453	.0003164	5.9145	.000384	.0001329
%RSD	16.63288	16.11387	3.512685	.6084906	16.62395	60.41614

#1	.0042990	-.039976	.0087584	974.1447	-.002651	.0001480
#2	.0050989	-.032012	.0093630	976.5487	-.002387	.0003732
#3	.0060060	-.029540	.0088992	965.3162	-.001894	.0001385

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9034.200	-.000434	.0051079	F 393.0986	.1068278	3.194913
Stddev	42.331	.002049	.0026551	1.6102	.0006446	.006894
%RSD	.4685680	471.8202	51.98049	.4096119	.6033587	.2157961

#1	8985.329	.000515	.0022965	392.0085	.1067105	3.202796
#2	9059.432	-.002785	.0054545	392.3391	.1062499	3.191932
#3	9057.840	.000967	.0075728	394.9480	.1075230	3.190011

Sample Name: I6755-11 Acquired: 12/22/2017 16:07:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082444	888.8522	1.464922	-.009545	-.005230	.1935739
Stddev	.0002919	1.4620	.012374	.002640	.000858	.0029771
%RSD	3.540093	.1644861	.8446985	27.66013	16.39683	1.537979

#1	.0081861	887.5270	1.476250	-.006551	-.006220	.1908397
#2	.0079861	888.6091	1.466801	-.011541	-.004751	.1931365
#3	.0085610	890.4206	1.451716	-.010542	-.004719	.1967455

Elem	Sr4077
Units	ppm
Avg	6.170265
Stddev	.018311
%RSD	.2967590

#1	6.168475
#2	6.152916
#3	6.189406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.5364	1741.060	37887.77	9643.396	1982.941
Stddev	7.0247	2.143	185.25	28.969	3.905
%RSD	.7800590	.1230665	.4889456	.3004066	.1969460

#1	906.7297	1740.206	38051.48	9618.826	1987.381
#2	901.9763	1739.476	37925.15	9636.023	1980.036
#3	892.9034	1743.498	37686.68	9675.340	1981.408

Sample Name: I6755-14 Acquired: 12/22/2017 16:11:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063162	.0000553	-.002424	-.002888	-.001102	.0312635
Stddev	.0040220	.0035990	.002742	.005406	.003815	.0013915
%RSD	63.67668	6509.003	113.1330	187.1652	346.3220	4.451019

#1	.0016722	-.000305	-.005546	-.008816	-.003906	.0327724
#2	.0086074	.003821	-.000408	.001771	.003243	.0300307
#3	.0086690	-.003350	-.001317	-.001620	-.002641	.0309873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092559	.0000914	-.000011	328.6237	.0008697	-.001132
Stddev	.0000828	.0000866	.000148	.2067	.0000844	.000145
%RSD	.8940385	94.68901	1367.158	.0628837	9.703197	12.82363

#1	.0093430	.0001893	.000099	328.6062	.0009453	-.001300
#2	.0092463	.0000248	.000047	328.4263	.0007787	-.001047
#3	.0091783	.0000602	-.000179	328.8385	.0008850	-.001050

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046079	-.072924	.0068091	F 989.1425	-.001618	-.000101
Stddev	.0014975	.005706	.0000715	1.2232	.000328	.000143
%RSD	32.49821	7.824617	1.049401	.1236646	20.26887	141.5838

#1	.0040458	-.073191	.0067709	987.9545	-.001926	.000058
#2	.0063051	-.078492	.0067649	989.0748	-.001273	-.000144
#3	.0034729	-.067089	.0068916	990.3981	-.001656	-.000218

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9361.164	.0034227	.0028761	F 400.9854	.1039715	3.280753
Stddev	54.687	.0027126	.0042235	1.9090	.0031610	.015004
%RSD	.5841949	79.25259	146.8508	.4760772	3.040294	.4573397

#1	9310.230	.0065546	.0002674	398.9948	.1012845	3.293058
#2	9354.305	.0018189	.0006119	402.8007	.1031756	3.285163
#3	9418.958	.0018946	.0077489	401.1606	.1074545	3.264038

Sample Name: I6755-14 Acquired: 12/22/2017 16:11:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081308	888.2962	1.385374	-.009538	-.006162	.1928372
Stddev	.0006844	2.6429	.010028	.001533	.001033	.0015959
%RSD	8.417624	.2975243	.7238531	16.07147	16.75874	.8275652

#1	.0083551	890.4041	1.395066	-.008831	-.004971	.1918839
#2	.0073624	889.1535	1.386014	-.008485	-.006797	.1946796
#3	.0086750	885.3311	1.375040	-.011296	-.006719	.1919482

Elem	Sr4077
Units	ppm
Avg	6.297543
Stddev	.016981
%RSD	.2696452

#1	6.315632
#2	6.281946
#3	6.295051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.0795	1739.522	37964.33	9497.001	1981.295
Stddev	9.7819	6.225	106.20	13.279	2.760
%RSD	1.073656	.3578784	.2797474	.1398273	.1393025

#1	917.7823	1745.407	38053.62	9506.874	1984.184
#2	915.6013	1740.155	37992.49	9481.904	1981.018
#3	899.8548	1733.005	37846.89	9502.225	1978.685

Sample Name: I7017-01 Acquired: 12/22/2017 16:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037937	-.012898	5.166939	.0031764	.0041633	70.76832	1.754572
Stddev	.0028071	.004464	.011801	.0039851	.0009315	.13816	.006166
%RSD	2.704523	34.60909	.2283916	125.4579	22.37362	.1952270	.3514191

#1	.1009765	-.016144	5.169414	-.001042	.0030882	70.65359	1.748863
#2	.1038141	-.014743	5.154097	.003693	.0046741	70.92168	1.761111
#3	.1065906	-.007807	5.177306	.006878	.0047276	70.72968	1.753741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079593	.0377352	53.87119	.2109148	.1500516	.1304342	183.4575
Stddev	.0001186	.0001972	.19425	.0005826	.0008242	.0013594	.3552
%RSD	1.489724	.5225088	.3605815	.2762129	.5492784	1.042209	.1936348

#1	.0079624	.0375194	53.64757	.2108312	.1491895	.1288921	183.0679
#2	.0078392	.0377803	53.96789	.2103786	.1501337	.1309518	183.5413
#3	.0080763	.0379059	53.99811	.2115347	.1508317	.1314588	183.7634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17481	28.84838	.1472464	-.007734	1.810025	.3006561	2.308278
Stddev	.02911	.13315	.0004771	.000166	.090410	.0012438	.014028
%RSD	.2053505	.4615621	.3239949	2.150424	4.994982	.4136797	.6077377

#1	14.14607	28.78424	.1467037	-.007604	1.871214	.3008900	2.298872
#2	14.17408	28.75944	.1474359	-.007676	1.706177	.3017662	2.324402
#3	14.20428	29.00146	.1475997	-.007921	1.852683	.2993119	2.301560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.934846	3.725525	.3291038	.0045141	2.267519	6.340260	.0063796
Stddev	.009867	.026353	.0020004	.0000815	.011742	.078959	.0011749
%RSD	.1243524	.7073723	.6078162	1.804411	.5178318	1.245357	18.41608

#1	7.923943	3.749817	.3270058	.0044253	2.275500	6.380849	.0072725
#2	7.943162	3.729250	.3293160	.0045315	2.273021	6.390668	.0050487
#3	7.937432	3.697507	.3309895	.0045853	2.254036	6.249262	.0068178

Sample Name: I7017-01 Acquired: 12/22/2017 16:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA518 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6750948	.0443792	.0662073
Stddev	.0045268	.0003425	.0001734
%RSD	.6705400	.7718340	.2618689

#1	.6708679	.0439963	.0660169
#2	.6745452	.0444849	.0663560
#3	.6798713	.0446565	.0662491

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.657	2572.746	61720.10	13520.83	3414.974
Stddev	6.314	10.818	174.25	21.80	9.028
%RSD	.4810264	.4204955	.2823286	.1612306	.2643619

#1	1307.999	2565.983	61531.68	13509.29	3407.575
#2	1310.128	2567.031	61753.16	13507.23	3412.314
#3	1319.844	2585.223	61875.45	13545.97	3425.033

Sample Name: I7017-02 Acquired: 12/22/2017 16:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028076	-.011015	2.116326	.0039217	.0065570	69.02296	1.812958
Stddev	.0046599	.003060	.001976	.0024536	.0027713	.57366	.006347
%RSD	4.532663	27.78095	.0933613	62.56312	42.26456	.8311183	.3501154

#1	.0993667	-.008991	2.114191	.0042284	.0097178	68.78000	1.814904
#2	.1081106	-.014535	2.118089	.0062076	.0045443	69.67813	1.818105
#3	.1009455	-.009519	2.116698	.0013293	.0054088	68.61077	1.805866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072477	.0031846	33.82099	.1636157	.1920546	.1322000	185.5037
Stddev	.0000800	.0000661	.27868	.0010638	.0007622	.0003322	1.7213
%RSD	1.103874	2.074029	.8239813	.6501565	.3968478	.2512466	.9279023

#1	.0073214	.0032072	33.66248	.1631330	.1918208	.1323349	184.7879
#2	.0072590	.0031102	34.14277	.1648352	.1914367	.1324436	187.4674
#3	.0071626	.0032364	33.65772	.1628788	.1929063	.1318217	184.2559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58589	17.36113	.1411897	-.010233	1.197894	.3039261	.8165759
Stddev	.12778	.15067	.0003069	.000113	.069602	.0015651	.0012599
%RSD	.8760198	.8678630	.2173872	1.106532	5.810357	.5149673	.1542972

#1	14.52285	17.21843	.1412703	-.010293	1.160903	.3043476	.8160096
#2	14.73293	17.51867	.1408505	-.010303	1.154597	.3052373	.8180196
#3	14.50188	17.34627	.1414482	-.010102	1.278180	.3021934	.8156984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.440625	3.093936	.3273753	.0056805	2.339674	6.418945	.0072672
Stddev	.034044	.007649	.0036532	.0001848	.003680	.074467	.0006720
%RSD	.4575379	.2472347	1.115921	3.253180	.1572936	1.160117	9.246332

#1	7.458458	3.094419	.3248046	.0058847	2.343896	6.335024	.0079020
#2	7.462048	3.086056	.3315571	.0056319	2.337979	6.477131	.0065634
#3	7.401370	3.101332	.3257641	.0055248	2.337146	6.444681	.0073362

Sample Name: I7017-02 Acquired: 12/22/2017 16:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8069555	.0406939	.0722088
Stddev	.0008016	.0004982	.0000102
%RSD	.0993381	1.224376	.0140711

#1	.8078258	.0406217	.0722184
#2	.8062474	.0412243	.0722098
#3	.8067933	.0402357	.0721982

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.186	2561.363	61386.99	13364.13	3504.524
Stddev	3.330	9.331	129.59	82.59	7.129
%RSD	.2528471	.3643165	.2111011	.6180135	.2034263

#1	1315.088	2554.323	61238.04	13372.66	3500.063
#2	1321.027	2571.948	61449.07	13277.61	3512.746
#3	1315.445	2557.819	61473.86	13442.14	3500.763

Sample Name: I7017-03 Acquired: 12/22/2017 16:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1034145	-.026003	8.460450	.0025733	.0055879	85.52303	2.417177
Stddev	.0047340	.004870	.027366	.0017037	.0016571	.15750	.009438
%RSD	4.577658	18.73036	.3234536	66.20757	29.65449	.1841663	.3904675

#1	.1038988	-.030845	8.432014	.0044208	.0061291	85.38400	2.428075
#2	.0984570	-.026059	8.462733	.0010641	.0069068	85.49101	2.411773
#3	.1078877	-.021104	8.486603	.0022350	.0037279	85.69409	2.411682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097238	.0612013	359.1029	.1442295	.1883856	.2629963	210.7163
Stddev	.0001611	.0002300	1.1609	.0013593	.0006804	.0043484	.9887
%RSD	1.657235	.3758112	.3232773	.9424593	.3611936	1.653403	.4692236

#1	.0095382	.0611696	357.7978	.1429716	.1876661	.2669937	209.5749
#2	.0098057	.0609888	360.0202	.1440454	.1884720	.2583663	211.3092
#3	.0098277	.0614455	359.4909	.1456715	.1890187	.2636289	211.2647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18791	174.1497	.2925175	-.008339	1.500331	.2177989	2.809177
Stddev	.03654	.7272	.0003051	.000063	.076637	.0013509	.005847
%RSD	.3587069	.4175502	.1043156	.7528835	5.108026	.6202317	.2081252

#1	10.15125	173.4267	.2921692	-.008336	1.519258	.2162780	2.812707
#2	10.22434	174.8810	.2926455	-.008277	1.565731	.2182596	2.802428
#3	10.18812	174.1415	.2927378	-.008403	1.416003	.2188592	2.812395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.57947	8.654951	.3885192	.0037238	6.481177	4.827131	.0034102
Stddev	.08571	.007968	.0023291	.0003278	.011822	.040858	.0014397
%RSD	.5501508	.0920576	.5994843	8.801707	.1824118	.8464251	42.21858

#1	15.67829	8.663757	.3859516	.0033655	6.472251	4.780394	.0050548
#2	15.52534	8.648242	.3904961	.0040084	6.476695	4.856077	.0023776
#3	15.53479	8.652852	.3891100	.0037977	6.494585	4.844923	.0027981

Sample Name: I7017-03 Acquired: 12/22/2017 16:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA520 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4398574	.0539414	.2049847
Stddev	.0019448	.0002743	.0003586
%RSD	.4421359	.5084197	.1749187

#1	.4406806	.0541165	.2053898
#2	.4376364	.0536254	.2048567
#3	.4412551	.0540824	.2047078

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.943	2463.146	59041.93	13527.19	2997.237
Stddev	5.324	12.087	211.64	28.05	7.560
%RSD	.4212147	.4906979	.3584613	.2073427	.2522333

#1	1258.708	2449.307	58806.55	13529.57	2990.746
#2	1263.770	2471.629	59216.53	13498.03	3005.537
#3	1269.351	2468.502	59102.71	13553.97	2995.426

Sample Name: I7017-04 Acquired: 12/22/2017 16:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA521 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903910	-.014058	.6049008	.0039838	.0024793	70.01860	2.213334
Stddev	.0012225	.002962	.0012443	.0058379	.0013227	.21753	.001910
%RSD	1.352486	21.06840	.2057078	146.5398	53.34902	.3106744	.0862859

#1	.0895410	-.014344	.6041737	.0039864	.0012325	69.80402	2.211185
#2	.0898398	-.016866	.6041911	-.001855	.0023389	70.01283	2.214836
#3	.0917920	-.010964	.6063376	.009820	.0038666	70.23896	2.213982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082736	.0042813	29.12820	.1399453	.1489293	.1451618	176.0464
Stddev	.0001124	.0001248	.16035	.0007143	.0010324	.0003238	.6562
%RSD	1.358281	2.914692	.5504839	.5104460	.6932206	.2230788	.3727673

#1	.0081440	.0041603	28.95115	.1402084	.1495999	.1454987	175.4173
#2	.0083447	.0042740	29.16982	.1391367	.1477404	.1451338	175.9952
#3	.0083320	.0044095	29.26363	.1404908	.1494476	.1448529	176.7267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59884	16.94774	.1821392	-.009774	1.020441	.2475613	.4798333
Stddev	.04533	.10907	.0005962	.000253	.033481	.0013521	.0085729
%RSD	.3333163	.6435737	.3273090	2.593243	3.281045	.5461497	1.786651

#1	13.55440	16.84654	.1822583	-.010018	1.051317	.2480798	.4846101
#2	13.59710	17.06327	.1814925	-.009792	.984854	.2460267	.4699362
#3	13.64501	16.93342	.1826668	-.009512	1.025150	.2485773	.4849538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.737422	5.463591	.3069351	.0038644	3.122764	4.385186	.0061387
Stddev	.004714	.018668	.0009334	.0001023	.006557	.068753	.0004785
%RSD	.0484111	.3416788	.3041177	2.646863	.2099645	1.567843	7.794002

#1	9.737958	5.482591	.3062123	.0038656	3.119897	4.305813	.0058738
#2	9.741845	5.462909	.3066041	.0039661	3.130266	4.423518	.0058512
#3	9.732463	5.445274	.3079890	.0037615	3.118129	4.426228	.0066910

Sample Name: I7017-04 Acquired: 12/22/2017 16:28:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA521 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5080352	.0345965	.0702935
Stddev	.0042429	.0006999	.0001603
%RSD	.8351489	2.023057	.2279809

#1	.5088901	.0340856	.0704786
#2	.5034299	.0343096	.0702010
#3	.5117854	.0353943	.0702010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.675	2739.451	65142.04	14173.15	3521.472
Stddev	10.167	4.081	204.71	18.59	8.574
%RSD	.7207426	.1489803	.3142501	.1311471	.2434827

#1	1398.968	2740.007	64967.14	14159.31	3513.597
#2	1415.768	2743.226	65091.78	14165.85	3530.606
#3	1417.289	2735.121	65367.19	14194.28	3520.214

Sample Name: I7017-05 Acquired: 12/22/2017 16:32:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA521D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882481	-.014008	.6053456	.0043921	.0031845	69.72161	2.199866
Stddev	.0035394	.003149	.0038138	.0021356	.0004368	.05838	.009426
%RSD	4.010778	22.47626	.6300245	48.62348	13.71692	.0837321	.4284897

#1	.0864619	-.014367	.6018225	.0020294	.0027039	69.71842	2.206098
#2	.0859577	-.010696	.6048189	.0049618	.0032924	69.78152	2.204478
#3	.0923247	-.016962	.6093954	.0061850	.0035573	69.66490	2.189022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083198	.0043220	28.98884	.1399755	.1500490	.1439521	174.6316
Stddev	.0000594	.0000955	.04189	.0008389	.0005879	.0014603	.0646
%RSD	.7138854	2.209883	.1445111	.5992981	.3917761	1.014454	.0370092

#1	.0083570	.0044172	28.95213	.1406782	.1501113	.1422699	174.6239
#2	.0083510	.0042262	28.97991	.1390468	.1494324	.1448941	174.5712
#3	.0082513	.0043225	29.03448	.1402016	.1506032	.1446923	174.6997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.49432	16.77932	.1836685	-.009792	.9061065	.2457186	.4775868
Stddev	.00168	.01808	.0003054	.000207	.1260921	.0016148	.0031185
%RSD	.0124544	.1077425	.1662627	2.112295	13.91581	.6571940	.6529774

#1	13.49420	16.79515	.1839890	-.009990	1.027916	.2459219	.4739977
#2	13.49269	16.75962	.1836357	-.009578	.914275	.2440118	.4791285
#3	13.49605	16.78320	.1833809	-.009808	.776129	.2472222	.4796343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.668277	5.478384	.3026876	.0036154	3.136187	4.469257	.0053764
Stddev	.025410	.014828	.0025776	.0001747	.008524	.099360	.0016319
%RSD	.2628225	.2706588	.8515715	4.831114	.2717802	2.223198	30.35251

#1	9.688983	5.471968	.3025612	.0034441	3.126503	4.539200	.0054705
#2	9.639920	5.495339	.3001755	.0036089	3.139506	4.513047	.0036996
#3	9.675927	5.467844	.3053261	.0037933	3.142552	4.355523	.0069593

Sample Name: I7017-05 Acquired: 12/22/2017 16:32:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA521D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5029924	.0343327	.0702892
Stddev	.0056030	.0003371	.0003207
%RSD	1.113933	.9817920	.4562693

#1	.5039632	.0339705	.0706594
#2	.5080465	.0346372	.0701122
#3	.4969674	.0343903	.0700960

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.649	2737.558	65114.72	14188.53	3519.991
Stddev	3.889	2.939	115.21	37.23	3.350
%RSD	.2782416	.1073513	.1769329	.2624116	.0951814

#1	1395.889	2735.103	65003.07	14158.86	3518.401
#2	1394.951	2740.815	65233.18	14176.43	3523.841
#3	1402.107	2736.756	65107.92	14230.31	3517.732

Sample Name: I7017-06 Acquired: 12/22/2017 16:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA521S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1726712	.0985387	.6388508	.1120396	.2180234	72.17945	6.560504
Stddev	.0041055	.0024619	.0016018	.0004441	.0012188	.17653	.077096
%RSD	2.377637	2.498441	.2507373	.3963958	.5590239	.2445736	1.175146

#1	.1695753	.0957098	.6374478	.1119615	.2194075	72.03930	6.505652
#2	.1773283	.1001964	.6405962	.1125175	.2171107	72.12133	6.648652
#3	.1711101	.0997098	.6385085	.1116397	.2175520	72.37771	6.527208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990629	.1160613	28.65375	.5506569	1.323287	.6423158	174.1384
Stddev	.0015064	.0001023	.33968	.0039637	.002779	.0021309	1.1272
%RSD	1.520623	.0881263	1.185451	.7198106	.2099915	.3317561	.6472748

#1	.0973369	.1161779	28.60906	.5463874	1.321148	.6399847	173.8337
#2	.0997394	.1160193	29.01356	.5513636	1.322284	.6427993	175.3866
#3	.1001124	.1159868	28.33863	.5542196	1.326428	.6441635	173.1950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24662	16.55267	1.361302	.1407632	.8923073	1.238872	1.360397
Stddev	.11218	.11137	.002149	.0010907	.0284978	.007240	.027836
%RSD	.7874117	.6727947	.1578739	.7748811	3.193723	.5843758	2.046152

#1	14.22365	16.47294	1.360376	.1398947	.8730675	1.237007	1.388089
#2	14.36850	16.67991	1.359771	.1419874	.9250464	1.246862	1.360683
#3	14.14770	16.50517	1.363759	.1404074	.8788078	1.232748	1.332419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.456705	5.424916	.3009575	.0035331	3.086178	4.375082	.0052301
Stddev	.025841	.018415	.0026116	.0000964	.015782	.094688	.0006458
%RSD	.2732548	.3394483	.8677783	2.728535	.5113688	2.164264	12.34730

#1	9.447934	5.441598	.3018178	.0035865	3.103851	4.272365	.0045441
#2	9.436391	5.427994	.3030304	.0034218	3.073492	4.458887	.0058262
#3	9.485789	5.405157	.2980242	.0035911	3.081192	4.393994	.0053200

Sample Name: I7017-06 Acquired: 12/22/2017 16:36:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA521S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4980241	.0347811	.0690878
Stddev	.0026764	.0002030	.0002204
%RSD	.5373959	.5836210	.3190366

#1	.5010951	.0345706	.0690433
#2	.4961897	.0347971	.0688930
#3	.4967873	.0349756	.0693271

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.030	2733.256	64699.59	14084.37	3517.465
Stddev	30.379	12.378	693.10	42.69	7.910
%RSD	2.179186	.4528712	1.071266	.3031355	.2248866

#1	1361.261	2726.956	63932.55	14068.06	3511.246
#2	1399.576	2725.294	64885.29	14052.24	3514.780
#3	1421.254	2747.516	65280.93	14132.82	3526.368

Sample Name: I6754-12 Acquired: 12/22/2017 16:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056107	-.001742	-.001420	-.000684	-.002384	.1389017
Stddev	.0031288	.005363	.003786	.001263	.002947	.0105299
%RSD	55.76462	307.8331	266.5452	184.6035	123.6048	7.580861

#1	.0081026	-.007877	.000840	.000762	-.003339	.1465770
#2	.0066303	.002055	-.005791	-.001246	.000922	.1268972
#3	.0020993	.000596	.000690	-.001569	-.004735	.1432308

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095746	.0000902	-.000091	321.5241	.0005989	-.001074
Stddev	.0004735	.0000720	.000134	1.4317	.0011103	.000774
%RSD	4.945753	79.81596	148.1042	.4452765	185.3790	72.02520

#1	.0100803	.0000805	-.000127	322.7306	.0016712	-.001927
#2	.0091417	.0001667	.000058	321.8996	-.000546	-.000418
#3	.0095018	.0000236	-.000203	319.9421	.000671	-.000876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046692	.1040018	.0152695	F 948.5463	-.001584	-.000000
Stddev	.0023581	.0093928	.0007970	3.7258	.000796	.000427
%RSD	50.50417	9.031351	5.219668	.3927857	50.21877	314953.9

#1	.0042974	.0970624	.0152338	952.8383	-.000912	-.000318
#2	.0025190	.1002530	.0160837	946.6560	-.001378	-.000168
#3	.0071911	.1146901	.0144909	946.1446	-.002462	.000485

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9083.337	.0028523	.0027225	F 385.0151	.1103582	3.203414
Stddev	72.161	.0009721	.0011056	2.2778	.0041704	.007739
%RSD	.7944347	34.08116	40.60952	.5916030	3.778981	.2415977

#1	9165.198	.0023588	.0016770	386.8830	.1086398	3.210172
#2	9028.940	.0022260	.0026107	382.4776	.1151132	3.205099
#3	9055.873	.0039722	.0038797	385.6848	.1073215	3.194971

Sample Name: I6754-12 Acquired: 12/22/2017 16:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080544	881.0321	1.692653	-.007543	-.001032	.1872264
Stddev	.0001116	5.1798	.010231	.001964	.001781	.0024977
%RSD	1.386117	.5879243	.6044356	26.04168	172.5069	1.334035

#1	.0079315	875.0827	1.700324	-.006407	-.002371	.1846817
#2	.0080820	883.4745	1.681036	-.006410	-.001714	.1873234
#3	.0081496	884.5392	1.696597	-.009811	.000988	.1896742

Elem	Sr4077
Units	ppm
Avg	6.124309
Stddev	.039651
%RSD	.6474329

#1	6.140473
#2	6.079130
#3	6.153325

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.0044	1781.611	38486.47	9648.302	2011.377
Stddev	11.1891	4.271	346.46	5.672	4.722
%RSD	1.203125	.2397426	.9002003	.0587855	.2347771

#1	932.7356	1786.136	38700.52	9641.997	2016.713
#2	939.5750	1777.650	38672.14	9652.988	2007.737
#3	917.7025	1781.046	38086.75	9649.920	2009.682

Sample Name: I6754-11LX5 Acquired: 12/22/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033538	.0007684	-.001736	.0042434	-.000446	.0321374
Stddev	.0046318	.0024252	.002312	.0014734	.000877	.0028587
%RSD	138.1069	315.6290	133.2152	34.72193	196.6596	8.895276

#1	.0086966	.0009576	.000499	.0042251	-.000035	.0297259
#2	.0004715	.0030934	-.004118	.0057259	.000150	.0352952
#3	.0008933	-.001746	-.001588	.0027793	-.001453	.0313910

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002634	.0000195	-.000009	64.50066	.0008476	-.000936
Stddev	.0001410	.0000416	.000160	.76169	.0007592	.000193
%RSD	53.53578	213.4627	1701.145	1.180902	89.57111	20.59125

#1	.0004224	.0000456	-.000136	64.02301	.0007279	-.001130
#2	.0002145	.0000413	-.000062	64.09990	.0016595	-.000744
#3	.0001534	-.000028	.000170	65.37906	.0001553	-.000933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026738	.0214926	.0029853	191.0169	-.000875	.0001079
Stddev	.0010908	.0039340	.0000781	1.8278	.000670	.0001165
%RSD	40.79636	18.30411	2.615422	.9568932	76.54824	107.8921

#1	.0039320	.0202968	.0029429	189.9362	-.000239	.0000939
#2	.0019937	.0258858	.0029376	189.9873	-.000813	.0002308
#3	.0020957	.0182953	.0030754	193.1273	-.001574	-.000001

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1758.617	.0000517	.0011568	71.14846	.0153266	.6626993
Stddev	12.158	.0016621	.0027346	.21756	.0019872	.0060992
%RSD	.6913471	3216.714	236.3967	.3057844	12.96588	.9203630

#1	1752.784	.0016889	.0009733	71.06567	.0156218	.6660313
#2	1750.475	-.001634	.0039786	70.98445	.0171497	.6556598
#3	1772.593	.000100	-.001481	71.39526	.0132083	.6664067

Sample Name: I6754-11LX5 Acquired: 12/22/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017735	155.8455	.2994963	-.002329	.0000748	.0477320
Stddev	.0001308	.5266	.0053221	.001473	.0004068	.0008208
%RSD	7.374442	.3379055	1.777026	63.24975	543.6049	1.719516

#1	.0016225	155.3638	.2968699	-.001403	.0000153	.0470985
#2	.0018452	155.7650	.2959979	-.004028	-.000299	.0474383
#3	.0018528	156.4078	.3056211	-.001556	.000508	.0486592

Elem	Sr4077
Units	ppm
Avg	1.284272
Stddev	.010347
%RSD	.8056792

#1	1.277519
#2	1.279113
#3	1.296184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.680	2067.825	45460.63	10416.34	2702.513
Stddev	13.456	19.320	513.29	55.97	11.630
%RSD	1.277005	.9342950	1.129078	.5373092	.4303549

#1	1050.418	2049.188	45238.99	10391.19	2689.996
#2	1068.466	2066.526	46047.49	10480.47	2704.555
#3	1042.155	2087.762	45095.39	10377.35	2712.986

Sample Name: CCV057 Acquired: 12/22/2017 17:10:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.447130	4.863132	25.13091	5.435373	5.497324	408.2447
Stddev	.008197	.003464	.00631	.021523	.018666	2.9459
%RSD	.1504759	.0712269	.0251197	.3959851	.3395408	.7215981

#1	5.453427	4.861144	25.12480	5.440647	5.517375	409.5529
#2	5.437862	4.861120	25.13741	5.453769	5.494146	404.8712
#3	5.450101	4.867131	25.13051	5.411703	5.480452	410.3099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63123	.4856596	2.495256	397.3197	15.34185	2.566954
Stddev	.02462	.0022143	.004994	1.2172	.05601	.000712
%RSD	.2315521	.4559395	.2001328	.3063543	.3650990	.0277309

#1	10.65907	.4881094	2.491242	397.2312	15.40462	2.567122
#2	10.62227	.4850687	2.500848	396.1492	15.32397	2.567567
#3	10.61234	.4838006	2.493676	398.5787	15.29696	2.566174

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98163	382.2987	13.77479	385.4878	2.553168	F 1.393984
Stddev	.08873	.4160	.02079	.2531	.001267	.001179
%RSD	.5922833	.1088153	.1509350	.0656472	.0496132	.0846049

#1	15.06657	382.7364	13.75715	385.3494	2.551754	1.394434
#2	14.98880	381.9084	13.76950	385.3341	2.553550	1.394872
#3	14.88953	382.2512	13.79771	385.7799	2.554199	1.392646

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	427.0822	2.383044	13.62855	159.3987	5.294321	5.191515
Stddev	1.3334	.009110	.12895	.6353	.004748	.027538
%RSD	.3122095	.3822796	.9461688	.3985500	.0896747	.5304490

#1	428.5735	2.393510	13.49931	159.9636	5.298116	5.223309
#2	426.6684	2.378728	13.62913	159.5216	5.295850	5.175121
#3	426.0048	2.376894	13.75721	158.7110	5.288998	5.176116

Sample Name: CCV057 Acquired: 12/22/2017 17:10:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.248025	5.237197	4.827570	5.080688	5.138842	5.658607
Stddev	.006118	.019960	.033252	.005001	.008043	.028316
%RSD	.1165775	.3811201	.6887990	.0984284	.1565047	.5004042

#1	5.253588	5.232905	4.865946	5.076276	5.136720	5.689174
#2	5.249015	5.258954	4.809470	5.086120	5.132074	5.653374
#3	5.241472	5.219733	4.807294	5.079669	5.147733	5.633272

Elem	Sr4077
Units	ppm
Avg	5.420921
Stddev	.027912
%RSD	.5148862

#1	5.427814
#2	5.444739
#3	5.390208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.5131	1970.872	47155.17	10792.06	2636.903
Stddev	2.7158	10.190	142.05	77.21	10.200
%RSD	.2725351	.5170250	.3012446	.7153878	.3868033

#1	995.9298	1959.506	47013.80	10703.11	2625.627
#2	999.4731	1973.921	47153.82	10831.37	2639.598
#3	994.1362	1979.190	47297.89	10841.70	2645.485

Sample Name: CCB057 Acquired: 12/22/2017 17:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002508	.0002490	.0003289	.0015706	-.000277	.0042436	-.001566
Stddev	.003291	.0010642	.0006072	.0003997	.000562	.0033921	.000146
%RSD	131.2486	427.4338	184.6165	25.44683	202.6395	79.93529	9.293042

#1	-.005857	-.000604	.0009769	.0020072	.000331	.0067607	-.001734
#2	.000722	.001442	-.000227	.0014817	-.000385	.0003861	-.001477
#3	-.002388	-.000091	.000237	.0012228	-.000777	.0055839	-.001487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000028	-.001028	.0000834	.0000427	.0016755	.0009484
Stddev	.000023	.000020	.000706	.0004843	.0001481	.0007604	.0025175
%RSD	552.6956	71.64817	68.68343	580.8158	347.0987	45.38362	265.4409

#1	-.000015	-.000042	-.001676	.0005401	-.000084	.0025533	-.001555
#2	-.000019	-.000037	-.001134	-.000425	.000007	.0012568	.000921
#3	.000022	-.000005	-.000275	.000135	.000205	.0012165	.003480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000225	-.009250	.0001936	.0002404	.3050116	.0004407	-.003553
Stddev	.000367	.013087	.0001845	.0000637	.0570707	.0007215	.004270
%RSD	163.3513	141.4822	95.26677	26.49677	18.71099	163.7155	120.1904

#1	-.000189	.005782	.0002927	.0002917	.3708502	.0007298	-.003061
#2	.000123	-.018106	.0003074	.0002604	.2696400	-.000381	.000450
#3	-.000609	-.015425	-.000019	.0001691	.2745444	.000973	-.008047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2026709	-.000279	-.000454	.0001128	.0016771	-.001324	-.000379
Stddev	.0051223	.001592	.001064	.0002246	.0031463	.001577	.001208
%RSD	2.527392	570.1480	234.5381	199.0381	187.6018	119.0527	318.5882

#1	.2072622	.000239	-.001222	.0000931	-.001176	-.001761	.000186
#2	.2036046	.000989	.000761	-.000101	.001156	.000425	.000443
#3	.1971460	-.002066	-.000900	.000347	.005051	-.002636	-.001766

Sample Name: CCB057 Acquired: 12/22/2017 17:14:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002463	.0012035	-.000009
Stddev	.0008792	.0005639	.000048
%RSD	356.9600	46.85779	557.0189

#1	.0004398	.0006417	.000022
#2	.0010126	.0011991	-.000064
#3	-.000714	.0017695	.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.967	2542.710	58492.77	11538.95	4139.469
Stddev	9.909	13.754	115.27	33.66	20.126
%RSD	.7675778	.5409220	.1970658	.2917499	.4862043

#1	1282.214	2527.660	58434.79	11500.17	4118.391
#2	1288.962	2545.841	58418.02	11560.78	4141.532
#3	1301.726	2554.629	58625.52	11555.88	4158.485

Sample Name: I6755-12 Acquired: 12/22/2017 17:19:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081022	.0015201	-.003769	.0021986	-.000300	.0498836
Stddev	.0042375	.0047146	.002685	.0036607	.002706	.0039517
%RSD	52.30001	310.1479	71.23506	166.5030	902.8388	7.921777

#1	.0045238	.0038951	-.000836	-.001003	.000211	.0538078
#2	.0070014	.0045750	-.006106	.001409	-.003224	.0499380
#3	.0127815	-.003910	-.004367	.006190	.002114	.0459051

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093805	.0001346	-.000139	330.0486	.0012873	-.000615
Stddev	.0003407	.0001290	.000124	1.7514	.0002801	.000465
%RSD	3.631449	95.83097	89.28954	.5306371	21.75852	75.71869

#1	.0094963	.0001772	-.000063	331.4966	.0015991	-.000646
#2	.0089971	.0002370	-.000072	328.1020	.0010570	-.000134
#3	.0096482	-.000010	-.000282	330.5472	.0012059	-.001064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040611	-.045214	.0088554	F 956.9278	-.001971	.0000251
Stddev	.0007630	.004785	.0001616	5.4941	.000529	.0000889
%RSD	18.78785	10.58327	1.824826	.5741416	26.85112	353.6489

#1	.0035935	-.041493	.0088808	961.9832	-.001631	.0000190
#2	.0049416	-.043538	.0090028	951.0808	-.001701	-.000061
#3	.0036483	-.050612	.0086826	957.7194	-.002580	.000117

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9173.992	.0027722	.0038368	F 388.5887	.1079066	3.337911
Stddev	68.226	.0003535	.0023568	2.7960	.0038209	.020054
%RSD	.7436928	12.75220	61.42581	.7195261	3.540933	.6008087

#1	9188.903	.0031165	.0043930	386.6460	.1099168	3.355312
#2	9099.543	.0027900	.0012516	387.3270	.1035003	3.315978
#3	9233.529	.0024101	.0058657	391.7933	.1103028	3.342443

Sample Name: I6755-12 Acquired: 12/22/2017 17:19:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078819	886.6780	1.542162	-.007495	-.005288	.1966073
Stddev	.0003527	.6972	.009097	.000611	.000518	.0051485
%RSD	4.475000	.0786339	.5898885	8.157403	9.796381	2.618660
#1	.0075339	887.4627	1.549572	-.007099	-.005883	.1918133
#2	.0082392	886.1295	1.532009	-.007186	-.005040	.1959597
#3	.0078727	886.4420	1.544906	-.008199	-.004940	.2020490

Elem	Sr4077
Units	ppm
Avg	6.135472
Stddev	.035474
%RSD	.5781736
#1	6.175856
#2	6.109346
#3	6.121214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	958.4142	1841.821	38714.26	9458.956	2057.145
Stddev	6.6304	13.177	137.86	33.582	9.251
%RSD	.6918075	.7154065	.3560879	.3550334	.4496870
#1	956.2954	1856.982	38847.19	9442.876	2067.635
#2	953.1021	1833.127	38571.96	9497.555	2053.649
#3	965.8450	1835.356	38723.63	9436.438	2050.152

Sample Name: I7017-04LX5 Acquired: 12/22/2017 17:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA521 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162582	-.002960	.1114654	.0018301	-.000489	13.81391	.4384800
Stddev	.0043422	.001039	.0028999	.0012897	.000844	.04273	.0006535
%RSD	26.70804	35.10333	2.601621	70.47051	172.4943	.3093151	.1490369

#1	.0114133	-.003574	.1085769	.0023601	-.001160	13.76485	.4382319
#2	.0175625	-.003546	.1143766	.0027702	.000458	13.84297	.4392212
#3	.0197988	-.001760	.1114427	.0003598	-.000766	13.83391	.4379869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018502	.0006391	6.030974	.0289560	.0261888	.0291336	35.52036
Stddev	.0000583	.0000993	.069773	.0000385	.0001580	.0010622	.24174
%RSD	3.151265	15.53608	1.156909	.1328758	.6033281	3.645849	.6805586

#1	.0018485	.0007526	5.951724	.0289710	.0260888	.0296797	35.24495
#2	.0017928	.0005962	6.058034	.0289847	.0263710	.0298115	35.61869
#3	.0019094	.0005685	6.083163	.0289123	.0261068	.0279094	35.69743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.747671	3.354859	.0321799	-.002071	1.656651	.0497141	.0809976
Stddev	.025412	.024504	.0001702	.000187	.251705	.0025343	.0053619
%RSD	.9248613	.7303975	.5288513	9.031453	15.19358	5.097646	6.619803

#1	2.718533	3.366835	.0321194	-.001935	1.897193	.0472794	.0748933
#2	2.759242	3.326671	.0320482	-.002284	1.677659	.0523373	.0831538
#3	2.765239	3.371072	.0323721	-.001993	1.395100	.0495256	.0849457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.415953	.9355005	.0578120	.0007671	.5541886	.9517184	.0018728
Stddev	.080971	.0008540	.0002077	.0001981	.0031260	.0103361	.0004402
%RSD	2.370363	.0912892	.3591940	25.82036	.5640668	1.086042	23.50447

#1	3.456003	.9357536	.0576740	.0009663	.5575435	.9617078	.0022206
#2	3.469094	.9361993	.0577111	.0005702	.5513577	.9410675	.0020199
#3	3.322763	.9345486	.0580508	.0007648	.5536647	.9523799	.0013779

Sample Name: I7017-04LX5 Acquired: 12/22/2017 17:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA521 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1003359	.0197041	.0142320
Stddev	.0008939	.0003747	.0000796
%RSD	.8908672	1.901830	.5596860

#1	.1001170	.0199105	.0142976
#2	.1013188	.0192715	.0142549
#3	.0995717	.0199302	.0141434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.793	2599.132	58666.96	11715.10	3900.533
Stddev	7.812	21.767	342.44	45.87	19.019
%RSD	.5982763	.8374682	.5836947	.3915318	.4876078

#1	1303.155	2575.910	58377.95	11680.37	3881.687
#2	1299.641	2602.414	58577.77	11697.84	3900.190
#3	1314.583	2619.071	59045.17	11767.10	3919.721

Sample Name: I7016-10LX5 Acquired: 12/22/2017 17:27:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA508L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297300	-.001154	.2621248	.0017979	-.000180	23.27322	.3515674
Stddev	.0012091	.000646	.0024491	.0012599	.002504	.14431	.0012787
%RSD	4.066892	55.95989	.9343209	70.07634	1391.149	.6200863	.3637123

#1	.0293907	-.000944	.2600036	.0008343	-.000261	23.43887	.3528857
#2	.0287268	-.001878	.2615657	.0032236	-.002642	23.20617	.3514841
#3	.0310725	-.000639	.2648051	.0013359	.002363	23.17463	.3503324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019958	.0008830	18.80057	.0354960	.0339954	.0621632	47.85103
Stddev	.0000069	.0000660	.08138	.0010959	.0002135	.0011046	.13374
%RSD	.3451987	7.479059	.4328646	3.087300	.6281585	1.776892	.2794863

#1	.0020037	.0009167	18.72029	.0366247	.0338875	.0631390	47.96257
#2	.0019908	.0008069	18.79840	.0354271	.0338572	.0609640	47.70277
#3	.0019929	.0009255	18.88301	.0344363	.0342413	.0623866	47.88774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.463719	10.82512	.0366782	-.002468	.8289837	.0796761	.1549088
Stddev	.012831	.08372	.0001384	.000250	.0230964	.0007822	.0025375
%RSD	.3704326	.7733684	.3772853	10.11953	2.786110	.9817887	1.638035

#1	3.472379	10.90354	.0366389	-.002293	.8216842	.0805618	.1522808
#2	3.448978	10.73696	.0368320	-.002754	.8104190	.0793871	.1551008
#3	3.469799	10.83487	.0365638	-.002358	.8548479	.0790795	.1573449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.227401	1.113170	.0773135	.0015761	.6170213	.8282379	.0018158
Stddev	.048970	.003029	.0000494	.0001457	.0005206	.0084490	.0004934
%RSD	1.517308	.2720660	.0639196	9.243547	.0843738	1.020117	27.17135

#1	3.260923	1.110549	.0773663	.0015521	.6167418	.8209662	.0017710
#2	3.250075	1.116486	.0773058	.0017324	.6176219	.8262410	.0013463
#3	3.171203	1.112476	.0772683	.0014440	.6167001	.8375064	.0023299

Sample Name: I7016-10LX5 Acquired: 12/22/2017 17:27:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA508L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2468570	.0179160	.0267459
Stddev	.0007300	.0007767	.0000290
%RSD	.2957218	4.335276	.1083861

#1	.2473926	.0174938	.0267765
#2	.2471531	.0174418	.0267423
#3	.2460255	.0188123	.0267189

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.872	2533.182	57918.33	11745.83	3776.715
Stddev	3.053	13.671	350.66	67.99	15.231
%RSD	.2359427	.5396808	.6054427	.5788020	.4032983

#1	1295.086	2520.367	57685.71	11671.57	3760.278
#2	1290.399	2531.606	57747.63	11760.91	3779.516
#3	1296.131	2547.572	58321.66	11805.00	3790.352

Sample Name: I6755-13 Acquired: 12/22/2017 17:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578233	.0457262	.0179049	.0680601	.1263493	2.285699
Stddev	.0011439	.0026226	.0007365	.0012211	.0017385	.019985
%RSD	1.978238	5.735362	4.113647	1.794186	1.375967	.8743645

#1	.0582496	.0432234	.0187102	.0693673	.1283193	2.298433
#2	.0565274	.0484541	.0172653	.0669487	.1256989	2.262664
#3	.0586928	.0455011	.0177394	.0678643	.1250298	2.295998

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.257750	.0715915	.0614351	323.1269	.2204801	.5745995
Stddev	.011571	.0005784	.0003122	2.2929	.0012435	.0014455
%RSD	.5124983	.8079002	.5081698	.7095888	.5639854	.2515579

#1	2.269429	.0722547	.0610747	325.2093	.2215737	.5757436
#2	2.246290	.0713282	.0616220	320.6697	.2207390	.5729750
#3	2.257530	.0711916	.0616085	323.5017	.2191276	.5750799

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2915181	1.005025	.5284367	F 934.1350	.5624758	.1275657
Stddev	.0018741	.011818	.0023531	5.5995	.0006174	.0006779
%RSD	.6428745	1.175880	.4453024	.5994334	.1097696	.5313698

#1	.2936813	1.018406	.5310589	939.0665	.5631112	.1267848
#2	.2903836	1.000652	.5265090	928.0478	.5618781	.1279094
#3	.2904895	.996016	.5277421	935.2908	.5624382	.1280028

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9045.977	.5369372	.5230322	F 382.3926	.1089522	3.294233
Stddev	66.861	.0012547	.0067057	2.1531	.0025541	.011355
%RSD	.7391195	.2336810	1.282089	.5630695	2.344215	.3446824

#1	9118.083	.5379725	.5307751	384.0133	.1072916	3.306497
#2	8986.031	.5372973	.5191092	379.9494	.1118932	3.284085
#3	9033.817	.5355418	.5192124	383.2150	.1076718	3.292118

Sample Name: I6755-13 Acquired: 12/22/2017 17:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077892	871.8163	1.520991	-.007138	-.005742	.1925421
Stddev	.0001484	1.8024	.007022	.000398	.000809	.0025376
%RSD	1.904732	.2067412	.4616934	5.580651	14.08535	1.317961

#1	.0076326	872.6610	1.529088	-.007533	-.006627	.1903783
#2	.0079276	869.7466	1.516551	-.007145	-.005555	.1919130
#3	.0078075	873.0412	1.517335	-.006736	-.005042	.1953352

Elem	Sr4077
Units	ppm
Avg	6.052932
Stddev	.027102
%RSD	.4477430

#1	6.046823
#2	6.029407
#3	6.082567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.6099	1856.212	39311.75	9483.769	2065.109
Stddev	5.7204	8.214	169.14	48.334	8.157
%RSD	.5893578	.4425307	.4302436	.5096506	.3949830

#1	973.4401	1865.629	39387.54	9472.067	2074.402
#2	974.3635	1852.490	39429.74	9536.879	2061.794
#3	964.0262	1850.518	39117.97	9442.360	2059.132

Sample Name: I6755-11LX5 Acquired: 12/22/2017 17:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003075	-.000541	-.002729	-.001121	-.000250	.0165097
Stddev	.003681	.001072	.002869	.001121	.000780	.0052588
%RSD	119.6932	197.9342	105.1279	100.0073	312.5883	31.85259

#1	-.005834	.000406	-.006041	-.001635	-.001143	.0104385
#2	.001104	-.001704	-.001036	.000165	.000101	.0194446
#3	-.004497	-.000326	-.001109	-.001893	.000294	.0196460

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001843	.0000368	-.000073	64.33237	.0007057	-.001063
Stddev	.0002257	.0000438	.000081	.30353	.0005119	.000163
%RSD	122.4106	118.9921	111.2426	.4718084	72.53531	15.31421

#1	-.000002	.0000807	-.000159	64.21570	.0004387	-.001048
#2	.000120	.0000366	.000003	64.10449	.0012959	-.000908
#3	.000435	-.000007	-.000064	64.67692	.0003825	-.001233

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029614	-.010068	.0014926	186.9207	-.001363	.0000974
Stddev	.0011306	.002275	.0001230	.7885	.000690	.0006018
%RSD	38.17593	22.59183	8.239205	.4218312	50.57390	617.6658

#1	.0041969	-.012444	.0013620	186.4130	-.001401	-.000206
#2	.0019786	-.007910	.0015097	186.5201	-.000656	.000790
#3	.0027088	-.009852	.0016061	187.8291	-.002033	-.000293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1749.105	.0009165	-.002782	70.23891	.0153056	.6712430
Stddev	7.762	.0027040	.002926	.30739	.0025151	.0061884
%RSD	.4437914	295.0258	105.1800	.4376279	16.43249	.9219373

#1	1746.837	.0038564	-.002067	70.07146	.0181997	.6741129
#2	1742.729	-.001464	-.000280	70.05160	.0140680	.6641407
#3	1757.749	.000357	-.005999	70.59366	.0136491	.6754755

Sample Name: I6755-11LX5 Acquired: 12/22/2017 17:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016708	154.4770	.2605065	-.002745	-.000915	.0544992
Stddev	.0003973	.4820	.0034171	.001073	.000462	.0003393
%RSD	23.77733	.3120137	1.311704	39.07451	50.46316	.6226454

#1	.0016261	153.9427	.2640045	-.001825	-.000419	.0541077
#2	.0012978	154.8792	.2571765	-.003923	-.001333	.0547100
#3	.0020885	154.6090	.2603387	-.002487	-.000994	.0546798

Elem	Sr4077
Units	ppm
Avg	1.269489
Stddev	.002022
%RSD	.1593038

#1	1.271752
#2	1.267858
#3	1.268856

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.588	2083.008	44936.54	10224.90	2707.536
Stddev	14.180	7.171	156.02	43.67	4.686
%RSD	1.339517	.3442687	.3471976	.4271340	.1730696

#1	1051.788	2077.043	44856.65	10175.60	2702.132
#2	1049.088	2081.017	44836.65	10240.35	2710.458
#3	1074.887	2090.964	45116.33	10258.74	2710.020

Sample Name: I7017-07 Acquired: 12/22/2017 17:40:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909067	-.012976	5.053519	.0005259	.0045709	72.71912	1.769635
Stddev	.0044457	.002562	.013055	.0038761	.0003007	.08683	.000633
%RSD	4.890365	19.74307	.2583431	736.9969	6.577886	.1194110	.0357561

#1	.0901773	-.010213	5.038985	-.003168	.0049181	72.81590	1.770175
#2	.0956720	-.015273	5.057316	.004561	.0043978	72.64803	1.768939
#3	.0868709	-.013442	5.064254	.000185	.0043969	72.69343	1.769792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074696	.0268408	51.94525	.1476247	.1311627	1.893343	166.3505
Stddev	.0000597	.0001702	.05374	.0008208	.0008496	.003763	.3337
%RSD	.7990716	.6342676	.1034629	.5559840	.6477680	.1987520	.2005721

#1	.0075109	.0266480	51.96959	.1484622	.1303232	1.895907	166.7352
#2	.0074967	.0269041	51.88364	.1475900	.1311428	1.895099	166.1770
#3	.0074011	.0269704	51.98252	.1468218	.1320221	1.889023	166.1393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.995685	24.23942	.1517031	-.008044	1.235250	.2691441	1.724952
Stddev	.008304	.10760	.0004933	.000269	.039891	.0011869	.007666
%RSD	.0830757	.4439168	.3252035	3.344609	3.229379	.4409749	.4444151

#1	10.00485	24.36002	.1512388	-.008195	1.281153	.2685432	1.733757
#2	9.98867	24.20497	.1516493	-.008205	1.208991	.2705112	1.721335
#3	9.99353	24.15325	.1522211	-.007734	1.215605	.2683778	1.719763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.657967	4.421444	.2878827	.0056918	3.479591	6.032484	.0066878
Stddev	.005861	.005153	.0007881	.0002665	.014021	.060095	.0009042
%RSD	.0676941	.1165546	.2737438	4.681873	.4029422	.9961970	13.51975

#1	8.659110	4.415860	.2887886	.0056134	3.468600	6.055223	.0074913
#2	8.663172	4.426016	.2875036	.0059886	3.474792	5.964337	.0057087
#3	8.651618	4.422455	.2873558	.0054732	3.495381	6.077891	.0068633

Sample Name: I7017-07 Acquired: 12/22/2017 17:40:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA522 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8612131	.0465788	.0866122
Stddev	.0091156	.0004569	.0001790
%RSD	1.058459	.9810119	.2066480

#1	.8534580	.0462839	.0868039
#2	.8589271	.0463474	.0864494
#3	.8712541	.0471052	.0865833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.775	2636.266	61169.81	12862.16	3530.199
Stddev	8.595	7.994	77.66	16.83	6.443
%RSD	.6400750	.3032451	.1269505	.1308732	.1825165

#1	1334.219	2627.035	61099.69	12842.88	3523.215
#2	1351.408	2640.816	61156.46	12869.67	3531.468
#3	1342.698	2640.947	61253.27	12873.93	3535.912

Sample Name: I7017-08 Acquired: 12/22/2017 17:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662265	-.010668	.9146539	.0042342	.0039511	60.61196	2.004619
Stddev	.0068541	.003577	.0027758	.0036892	.0018180	.04883	.004396
%RSD	10.34947	33.52887	.3034755	87.13018	46.01391	.0805630	.2192881

#1	.0738548	-.014777	.9177611	.0017223	.0060482	60.55886	2.006727
#2	.0605860	-.008248	.9124191	.0084698	.0029851	60.65493	2.007565
#3	.0642388	-.008980	.9137816	.0025104	.0028199	60.62210	1.999567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053874	.0045339	109.5539	.1143598	.1151730	.0948829	116.7784
Stddev	.0000375	.0000899	.4622	.0002621	.0006123	.0020903	.3710
%RSD	.6955543	1.983734	.4218913	.2291527	.5316409	2.203033	.3176895

#1	.0053756	.0046367	109.0411	.1146552	.1145029	.0958489	116.3677
#2	.0054293	.0044701	109.6820	.1142694	.1157032	.0963154	116.8782
#3	.0053572	.0044948	109.9385	.1141550	.1153131	.0924843	117.0892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.015851	48.96707	.0977309	-.007001	.9497305	.1979615	.5600320
Stddev	.018802	.27397	.0003769	.000198	.0559377	.0025050	.0031174
%RSD	.3125453	.5594963	.3856353	2.835162	5.889850	1.265393	.5566536

#1	5.994241	48.67956	.0978845	-.006863	.8998872	.1966950	.5572839
#2	6.028470	48.99656	.0973015	-.007229	1.010230	.1963427	.5593924
#3	6.024842	49.22511	.0980068	-.006911	.939075	.2008469	.5634196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.911815	3.505036	.2055489	.0048507	3.856187	6.208684	.0032909
Stddev	.046166	.019427	.0003963	.0001882	.016450	.044078	.0000763
%RSD	.5180261	.5542538	.1927805	3.879054	.4265918	.7099348	2.319279

#1	8.947620	3.482614	.2054614	.0046372	3.845115	6.225491	.0033313
#2	8.928114	3.516836	.2052037	.0049226	3.848356	6.158675	.0033386
#3	8.859711	3.515657	.2059816	.0049923	3.875090	6.241885	.0032029

Sample Name: I7017-08 Acquired: 12/22/2017 17:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA523 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7871192	.0462528	.1050137
Stddev	.0139481	.0004409	.0001831
%RSD	1.772049	.9532481	.1743304

#1	.7791482	.0463562	.1050979
#2	.8032249	.0457693	.1048037
#3	.7789846	.0466327	.1051395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.398	2508.854	57800.03	12168.42	3433.227
Stddev	8.124	6.424	394.04	27.79	5.718
%RSD	.6374886	.2560346	.6817322	.2284026	.1665377

#1	1277.021	2501.510	58004.05	12176.72	3430.058
#2	1265.287	2511.619	57345.81	12137.42	3429.795
#3	1280.888	2513.432	58050.23	12191.12	3439.827

Sample Name: I6754-13 Acquired: 12/22/2017 17:48:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633808	.0477141	.0184303	.0740543	.1348690	2.341728
Stddev	.0074387	.0014835	.0018125	.0070953	.0008532	.003543
%RSD	11.73650	3.109141	9.834217	9.581243	.6326417	.1512850

#1	.0711353	.0460869	.0184021	.0746150	.1341737	2.345500
#2	.0563043	.0480640	.0202568	.0808526	.1358212	2.341214
#3	.0627027	.0489914	.0166321	.0666952	.1346122	2.338470

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.071477	.0722531	.0612272	338.0120	.2249865	.5874211
Stddev	.005069	.0004243	.0004183	1.9227	.0003574	.0007803
%RSD	.2446969	.5871846	.6831935	.5688346	.1588502	.1328404

#1	2.072856	.0726055	.0616789	340.1762	.2245868	.5883178
#2	2.075713	.0723716	.0611495	337.3588	.2252752	.5868960
#3	2.065861	.0717822	.0608532	336.5009	.2250977	.5870496

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3021777	.9997052	.5343222	F 964.1159	.5744783	.0171473
Stddev	.0031768	.0175282	.0012696	6.1589	.0023145	.0001745
%RSD	1.051296	1.753334	.2376125	.6388131	.4028789	1.017627

#1	.3022120	1.011709	.5352093	970.5540	.5770520	.0171650
#2	.3053371	1.007816	.5348894	963.5134	.5738147	.0169646
#3	.2989839	.979591	.5328679	958.2805	.5725680	.0173123

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9604.325	.5380762	.5537730	F 410.9740	.1190105	3.470188
Stddev	27.379	.0045264	.0062508	2.2193	.0044642	.006878
%RSD	.2850647	.8412154	1.128761	.5400081	3.751056	.1982040

#1	9629.291	.5364116	.5571179	408.8869	.1187425	3.467718
#2	9608.638	.5431992	.5576395	413.3053	.1146864	3.477960
#3	9575.046	.5346178	.5465615	410.7300	.1236026	3.464887

Sample Name: I6754-13 Acquired: 12/22/2017 17:48:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082251	909.7285	1.525475	-.006671	-.007780	.2107443
Stddev	.0003898	2.1944	.001523	.001179	.000301	.0048254
%RSD	4.739502	.2412116	.0998071	17.67529	3.871982	2.289704

#1	.0083462	907.2084	1.526980	-.006404	-.007730	.2052290
#2	.0085400	911.2166	1.525508	-.007960	-.007507	.2128157
#3	.0077891	910.7606	1.523935	-.005648	-.008103	.2141881

Elem	Sr4077
Units	ppm
Avg	6.388222
Stddev	.043478
%RSD	.6805959

#1	6.428405
#2	6.394193
#3	6.342066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.5806	1766.508	37671.24	9354.453	1993.508
Stddev	5.0480	12.160	226.36	39.040	8.308
%RSD	.5483539	.6883478	.6008777	.4173383	.4167347

#1	915.6658	1780.261	37587.53	9321.975	2002.047
#2	925.7521	1762.083	37927.53	9343.619	1993.025
#3	920.3240	1757.181	37498.65	9397.766	1985.453

Sample Name: I7017-09 Acquired: 12/22/2017 17:52:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA524 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901646	-.013668	7.428672	.0026174	.0043779	63.13473	1.818302
Stddev	.0022547	.003479	.027592	.0050703	.0005522	.30138	.005557
%RSD	2.500588	25.45728	.3714232	193.7135	12.61401	.4773554	.3056012

#1	.0920574	-.015801	7.413978	.0077013	.0047989	62.85445	1.819842
#2	.0876702	-.009653	7.411537	-.002439	.0037526	63.45350	1.822926
#3	.0907662	-.015550	7.460501	.002590	.0045821	63.09623	1.812138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085424	.0766965	137.7426	.1345120	.1500552	.1589791	163.0095
Stddev	.0001094	.0005025	.5034	.0010499	.0007751	.0011705	.9005
%RSD	1.280539	.6551898	.3654978	.7805577	.5165587	.7362551	.5523936

#1	.0084579	.0765081	137.2146	.1333287	.1498647	.1578272	161.9721
#2	.0085033	.0763155	138.2173	.1348750	.1493931	.1601674	163.5880
#3	.0086660	.0772660	137.7958	.1353322	.1509078	.1589427	163.4685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.03973	61.30472	.1699684	-.006039	1.678162	.2353733	3.500392
Stddev	.07016	.43705	.0001596	.000421	.046926	.0023716	.039124
%RSD	.4997014	.7129200	.0939043	6.971509	2.796258	1.007578	1.117710

#1	13.95962	60.82062	.1701470	-.005554	1.700751	.2378970	3.467775
#2	14.06935	61.42328	.1699188	-.006248	1.709522	.2350321	3.543771
#3	14.09022	61.67026	.1698395	-.006313	1.624214	.2331908	3.489632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.135714	4.878190	.2753841	.0034958	3.553756	4.399429	.0036841
Stddev	.026316	.024501	.0034299	.0002683	.012369	.008177	.0017679
%RSD	.2880588	.5022594	1.245507	7.675990	.3480657	.1858671	47.98909

#1	9.144868	4.850155	.2714859	.0031904	3.541432	4.396493	.0047282
#2	9.156230	4.888913	.2767268	.0036028	3.553664	4.408669	.0016428
#3	9.106043	4.895501	.2779395	.0036940	3.566170	4.393126	.0046812

Sample Name: I7017-09 Acquired: 12/22/2017 17:52:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA524 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5705873	.0420129	.0746345
Stddev	.0023109	.0005925	.0000464
%RSD	.4050095	1.410185	.0622361

#1	.5728331	.0419702	.0746860
#2	.5682164	.0426256	.0746218
#3	.5707123	.0414430	.0745958

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.811	2613.519	60850.78	13360.43	3310.675
Stddev	13.626	16.567	260.29	20.37	10.200
%RSD	1.030050	.6338774	.4277487	.1524639	.3081055

#1	1314.847	2594.842	60774.14	13345.03	3299.459
#2	1315.042	2619.278	60637.42	13352.72	3319.399
#3	1338.544	2626.438	61140.79	13383.53	3313.166

Sample Name: I6754-11DLX20 Acquired: 12/22/2017 17:59:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000933	.0026380	.0015516	.0049292	.0055045	.1194841	.1292351
Stddev	.0011297	.0017540	.0004906	.0008736	.0017291	.0040831	.0002650
%RSD	1211.411	66.48894	31.62179	17.72238	31.41271	3.417305	.2050606

#1	-.000750	.0020722	.0017375	.0039499	.0074059	.1160863	.1289909
#2	-.000347	.0012368	.0009951	.0052093	.0050813	.1183522	.1291974
#3	.001377	.0046051	.0019220	.0056283	.0040263	.1240137	.1295169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030730	.0032910	15.84572	.0134812	.0309442	.0154439	.0641459
Stddev	.0000378	.0000661	.05831	.0003936	.0004023	.0016557	.0047855
%RSD	1.228535	2.008173	.3679645	2.919569	1.299943	10.72086	7.460369

#1	.0030386	.0033500	15.83211	.0135763	.0314041	.0135390	.0630659
#2	.0030670	.0032196	15.79543	.0130487	.0307707	.0162557	.0599927
#3	.0031134	.0033034	15.90963	.0138184	.0306578	.0165371	.0693792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291075	43.76269	.0317514	.0049061	421.9868	.0325691	.0230547
Stddev	.0004505	.34992	.0002604	.0001394	1.7589	.0005114	.0007860
%RSD	1.547888	.7995855	.8200417	2.841573	.4168125	1.570117	3.409189

#1	.0286662	43.67428	.0314678	.0049914	421.6696	.0329432	.0224168
#2	.0290896	43.46545	.0318067	.0047452	420.4080	.0327778	.0239327
#3	.0295668	44.14833	.0319796	.0049816	423.8827	.0319865	.0228146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.24927	.0020582	.1661963	.0003659	33.69488	.0706313	-.001320
Stddev	.06476	.0006824	.0011880	.0002910	.01781	.0027431	.000253
%RSD	.3985674	33.15585	.7148420	79.53010	.0528507	3.883739	19.17153

#1	16.23756	.0017536	.1666690	.0006068	33.67450	.0736193	-.001045
#2	16.19116	.0028399	.1648446	.0000426	33.70741	.0682270	-.001542
#3	16.31909	.0015812	.1670752	.0004483	33.70274	.0700477	-.001374

Sample Name: I6754-11DLX20 Acquired: 12/22/2017 17:59:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003965	.0113337	.3142200
Stddev	.0004756	.0007733	.0004488
%RSD	119.9440	6.823232	.1428185

#1	-.000151	.0104833	.3137064
#2	.000703	.0115231	.3145365
#3	.000638	.0119947	.3144170

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1171.711	2329.686	50888.44	10817.00	3259.054
Stddev	8.269	8.988	304.09	107.70	12.601
%RSD	.7057050	.3857914	.5975544	.9956162	.3866472

#1	1176.878	2319.596	51062.79	10693.52	3244.712
#2	1162.174	2332.629	50537.32	10866.00	3264.097
#3	1176.081	2336.834	51065.22	10891.49	3268.352

Sample Name: I6754-12DLX20 Acquired: 12/22/2017 18:04:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000708	.0019061	-.000249	.0025311	.0067505	.1203782	.1285466
Stddev	.0044399	.0034824	.000692	.0006155	.0007028	.0004500	.0009057
%RSD	6270.500	182.6931	277.6198	24.31524	10.41084	.3738083	.7046016

#1	.0004404	.0057475	-.000516	.0032412	.0063180	.1202645	.1293609
#2	-.004542	-.001044	-.000768	.0021510	.0063720	.1199959	.1287078
#3	.004314	.001015	.000536	.0022011	.0075614	.1208741	.1275711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029846	.0031959	15.81717	.0131929	.0309613	.0172707	.0641445
Stddev	.0000707	.0001466	.10277	.0001892	.0005783	.0019978	.0055582
%RSD	2.370370	4.588285	.6497222	1.434175	1.867783	11.56765	8.665161

#1	.0030358	.0031090	15.70359	.0132045	.0313350	.0150688	.0646492
#2	.0029039	.0031136	15.84421	.0133761	.0312537	.0189673	.0694332
#3	.0030141	.0033653	15.90372	.0129982	.0302952	.0177761	.0583511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292180	43.67822	.0309399	.0050001	417.8172	.0291676	.0230998
Stddev	.0004480	.16221	.0001917	.0002675	2.0822	.0028130	.0025270
%RSD	1.533229	.3713837	.6196088	5.349617	.4983565	9.644222	10.93938

#1	.0289429	43.50247	.0307904	.0046921	419.4308	.0289329	.0219819
#2	.0297349	43.71002	.0308733	.0051746	418.5540	.0320906	.0213246
#3	.0289761	43.82218	.0311560	.0051335	415.4667	.0264793	.0259929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.79514	.0021892	.1639079	.0001735	33.78988	.0674804	-.000587
Stddev	.09773	.0023327	.0013291	.0002251	.02349	.0009861	.000713
%RSD	.6187464	106.5565	.8109055	129.6988	.0695189	1.461356	121.3768

#1	15.89808	.0048203	.1648514	.0003031	33.81684	.0685818	.000029
#2	15.78374	.0013731	.1644845	.0003038	33.77895	.0666794	-.000422
#3	15.70361	.0003741	.1623878	-.000086	33.77384	.0671800	-.001369

Sample Name: I6754-12DLX20 Acquired: 12/22/2017 18:04:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZB8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000494	.0095018	.3133868
Stddev	.000804	.0003428	.0009594
%RSD	162.6304	3.608045	.3061297

#1	.000292	.0095865	.3142726
#2	-.000460	.0091246	.3135202
#3	-.001314	.0097943	.3123678

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1169.843	2315.326	51212.88	10991.16	3254.605
Stddev	3.656	8.850	127.62	69.96	10.650
%RSD	.3125139	.3822369	.2491984	.6365201	.3272391

#1	1165.693	2305.454	51128.77	10941.14	3245.002
#2	1171.248	2317.975	51150.13	10961.24	3252.755
#3	1172.587	2322.549	51359.72	11071.11	3266.060

Sample Name: I6754-13DLX20 Acquired: 12/22/2017 18:08:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001219	.0024797	.0003049	.0039355	.0053602	.1093072	.1040147
Stddev	.003981	.0023048	.0007291	.0005393	.0016190	.0017579	.0002587
%RSD	326.5152	92.94858	239.1261	13.70274	30.20347	1.608232	.2486708

#1	-.001599	.0009172	-.000197	.0040900	.0041207	.1106894	.1042225
#2	.002938	.0013951	.001141	.0033359	.0047680	.1073287	.1037250
#3	-.004997	.0051267	-.000030	.0043807	.0071919	.1099035	.1040967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028021	.0028902	16.78556	.0120789	.0286831	.0155695	.0495725
Stddev	.0000380	.0001061	.09352	.0006809	.0001239	.0001401	.0058034
%RSD	1.355834	3.671109	.5571183	5.636849	.4318798	.9000681	11.70692

#1	.0027826	.0030123	16.67914	.0122061	.0286359	.0154104	.0435522
#2	.0027778	.0028380	16.85463	.0126872	.0288237	.0156744	.0551316
#3	.0028459	.0028203	16.82291	.0113434	.0285898	.0156237	.0500336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270439	46.32578	.0288071	.0007368	444.5303	.0263377	.0227709
Stddev	.0004765	.15214	.0001525	.0003994	1.4527	.0023329	.0008066
%RSD	1.761928	.3284049	.5295621	54.21264	.3267889	8.857632	3.542217

#1	.0270409	46.25265	.0287084	.0002799	445.5886	.0264508	.0236767
#2	.0275220	46.22401	.0289828	.0009109	445.1281	.0286120	.0225059
#3	.0265690	46.50067	.0287301	.0010196	442.8741	.0239503	.0221302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.65250	.0046881	.1746290	.0003486	35.75931	.0647684	.0001857
Stddev	.14140	.0011040	.0014760	.0002088	.04572	.0008723	.0010856
%RSD	.8491426	23.54940	.8451910	59.90091	.1278532	1.346740	584.6287

#1	16.78987	.0037628	.1729656	.0005742	35.74090	.0642206	-.000119
#2	16.66024	.0043913	.1757822	.0003092	35.81136	.0643103	.001391
#3	16.50738	.0059102	.1751391	.0001623	35.72567	.0657743	-.000715

Sample Name: I6754-13DLX20 Acquired: 12/22/2017 18:08:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZB8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000060	.0086982	.3325212
Stddev	.000606	.0009290	.0003097
%RSD	1003.912	10.68053	.0931320

#1	-.000601	.0078324	.3328748
#2	.000595	.0085828	.3323901
#3	-.000175	.0096796	.3322986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1164.003	2302.410	50738.93	10919.11	3230.726
Stddev	8.275	14.946	373.54	49.16	13.599
%RSD	.7109052	.6491245	.7362082	.4502404	.4209126

#1	1154.754	2285.426	50461.24	10881.03	3216.918
#2	1170.704	2308.248	51163.61	10901.68	3231.157
#3	1166.553	2313.554	50591.95	10974.61	3244.105

Sample Name: I6754-11LDLX100 Acquired: 12/22/2017 18:12:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	-.001003	.0040918	.0005126	-.000795	.0936950	.0007347
Stddev	.001784	.001363	.0012166	.0020237	.001400	.0011620	.0001560
%RSD	999.7598	135.8879	29.73322	394.8103	176.0541	1.240220	21.23084

#1	-.000080	-.002563	.0034334	-.000061	-.000088	.0923540	.0008784
#2	-.002010	-.000039	.0033463	-.001163	-.002408	.0944037	.0005688
#3	.001555	-.000408	.0054957	.002761	.000111	.0943274	.0007568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001538	.0004651	3.446836	.0035423	.0003029	.0048350	.0973283
Stddev	.0000403	.0000706	.021889	.0002476	.0000298	.0005211	.0066173
%RSD	26.17127	15.17773	.6350372	6.990384	9.828855	10.77689	6.798959

#1	.0001532	.0003874	3.433558	.0037415	.0002992	.0054202	.1038609
#2	.0001944	.0005253	3.434851	.0036204	.0003344	.0044212	.0906295
#3	.0001139	.0004826	3.472100	.0032651	.0002752	.0046636	.0974944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037674	9.134885	.0002773	.0004071	88.14177	.0021887	.0026683
Stddev	.0012293	.056442	.0002854	.0002737	.32158	.0014692	.0019655
%RSD	32.63083	.6178733	102.9373	67.23662	.3648407	67.12395	73.65971

#1	.0033516	9.187122	.0006057	.0003300	88.25122	.0026564	.0031003
#2	.0051506	9.075015	.0001374	.0001802	87.77975	.0005427	.0043818
#3	.0027998	9.142519	.0000888	.0007110	88.39432	.0033671	.0005228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.324835	.0016745	.0300593	.0012051	6.334616	.0147510	.0010484
Stddev	.027759	.0019753	.0014109	.0002819	.010101	.0014239	.0002940
%RSD	.8348874	117.9614	4.693794	23.39365	.1594637	9.652838	28.04255

#1	3.335028	.0037735	.0311591	.0015017	6.345799	.0161082	.0007091
#2	3.346056	.0013979	.0305504	.0011730	6.326152	.0132687	.0012082
#3	3.293421	-.000148	.0284685	.0009406	6.331897	.0148763	.0012279

Sample Name: I6754-11LDLX100 Acquired: 12/22/2017 18:12:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZB8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015123	.0012097	.0673069
Stddev	.0002940	.0001479	.0001289
%RSD	19.43968	12.22626	.1914960

#1	.0014204	.0013469	.0674381
#2	.0012753	.0010530	.0671805
#3	.0018413	.0012291	.0673019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.178	2480.958	55213.35	11194.32	3711.163
Stddev	3.127	8.631	248.92	61.20	9.383
%RSD	.2507218	.3478852	.4508315	.5467449	.2528201

#1	1243.609	2471.137	55161.67	11130.42	3700.330
#2	1248.487	2484.401	54994.33	11200.10	3716.422
#3	1249.438	2487.336	55484.06	11252.42	3716.737

Sample Name: I6755-11DLX20 Acquired: 12/22/2017 18:16:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015414	.0001812	-.000237	-.000626	.0004734	.0230251	-.000818
Stddev	.0022751	.0006165	.001260	.001455	.0008098	.0012769	.000281
%RSD	147.5999	340.3448	530.7301	232.3871	171.0374	5.545571	34.34052

#1	-.000775	.0008662	.000871	.000674	.0004994	.0221330	-.000918
#2	.001626	.0000065	-.001608	-.002198	.0012699	.0224545	-.000501
#3	.003773	-.000329	.000025	-.000354	-.000349	.0244877	-.001035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000024	.0000853	16.71779	.0003806	-.000301	.0015160	.0296477
Stddev	.0000677	.0000511	.08876	.0007097	.000245	.0015360	.0042717
%RSD	2834.883	59.93312	.5309476	186.4640	81.39132	101.3196	14.40810

#1	-.000046	.0000278	16.63527	.0007047	-.000258	.0011656	.0328867
#2	.000080	.0001257	16.70641	-.000433	-.000565	.0001854	.0312498
#3	-.000026	.0001025	16.81170	.000870	-.000081	.0031968	.0248066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009460	45.39777	-.000603	.0001428	434.7579	.0012174	.0009441
Stddev	.0001363	.22088	.000268	.0001366	2.0253	.0008880	.0024471
%RSD	14.41195	.4865392	44.50214	95.65959	.4658432	72.93949	259.1945

#1	.0009875	45.23957	-.000333	-.000005	433.4408	.0001922	.0032951
#2	.0007938	45.30361	-.000606	.000168	433.7429	.0017443	-.001589
#3	.0010568	45.65012	-.000869	.000265	437.0900	.0017158	.001126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.25652	.0032335	.1717068	.0006993	34.64061	.0784658	-.000932
Stddev	.11690	.0045820	.0003011	.0001104	.04563	.0018673	.000974
%RSD	.7190739	141.7019	.1753332	15.78242	.1317234	2.379736	104.4119

#1	16.12303	-.002021	.1713822	.0008238	34.67626	.0793864	-.001057
#2	16.30594	.005328	.1719768	.0006606	34.58918	.0796940	-.001838
#3	16.34059	.006394	.1717616	.0006135	34.65637	.0763170	.000097

Sample Name: I6755-11DLX20 Acquired: 12/22/2017 18:16:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001913	.0074957	.3210684
Stddev	.0005276	.0008503	.0008979
%RSD	275.8277	11.34391	.2796597

#1	.0006275	.0069165	.3202682
#2	.0003415	.0070986	.3208975
#3	-.000395	.0084719	.3220395

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.863	2343.883	51381.77	10833.24	3266.602
Stddev	5.361	.632	105.78	58.22	4.728
%RSD	.4505848	.0269481	.2058658	.5374632	.1447496

#1	1183.937	2343.610	51260.93	10776.44	3264.754
#2	1194.376	2343.433	51457.61	10830.48	3263.076
#3	1191.276	2344.605	51426.76	10892.79	3271.975

Sample Name: I6755-12DLX20 Acquired: 12/22/2017 18:20:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001101	-.000482	-.000035	.0025078	-.001367	.0242113	-.000954
Stddev	.003733	.002543	.001576	.0011993	.001451	.0041908	.000102
%RSD	338.9618	527.5569	4489.598	47.82106	106.1480	17.30949	10.70646

#1	-.001574	.002449	.000565	.0024767	-.001394	.0194003	-.001070
#2	.002846	-.002110	.001153	.0037223	-.002805	.0261647	-.000879
#3	-.004576	-.001785	-.001823	.0013244	.000097	.0270688	-.000913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000510	.0000857	16.46266	.0004297	-.000426	.0014714	.0302603
Stddev	.0000860	.0000814	.05747	.0006207	.000133	.0027012	.0057712
%RSD	168.7608	94.99656	.3491128	144.4725	31.26824	183.5779	19.07174

#1	.0001305	.0000158	16.39662	.0011328	-.000358	.0032316	.0369119
#2	.0000628	.0001751	16.48995	-.000042	-.000341	-.001639	.0272870
#3	-.000040	.0000663	16.50140	.000198	-.000580	.002821	.0265821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012032	45.04887	-.000393	-.000021	430.9518	-.000467	.0008856
Stddev	.0001692	.12828	.000253	.000259	1.8781	.002442	.0036483
%RSD	14.06598	.2847651	64.31498	1259.695	.4358123	522.6532	411.9334

#1	.0010200	44.90520	-.000675	-.000255	428.8106	-.001956	-.000237
#2	.0012358	45.08943	-.000185	-.000063	432.3205	.002351	-.002069
#3	.0013537	45.15196	-.000320	.000257	431.7243	-.001796	.004963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.01263	.0045565	.1689615	.0004321	34.66015	.0755981	-.000934
Stddev	.09202	.0019855	.0013501	.0001594	.20861	.0020326	.000792
%RSD	.5746435	43.57410	.7990728	36.88229	.6018755	2.688625	84.79466

#1	15.90709	.0053745	.1690907	.0004739	34.90053	.0757103	-.001206
#2	16.07604	.0022928	.1702425	.0005663	34.55343	.0775723	-.001554
#3	16.05475	.0060023	.1675515	.0002560	34.52649	.0735118	-.000042

Sample Name: I6755-12DLX20 Acquired: 12/22/2017 18:20:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012244	.0072267	.3214678
Stddev	.0013376	.0007145	.0005354
%RSD	109.2407	9.886698	.1665429

#1	.0027304	.0064155	.3211283
#2	.0001745	.0077624	.3220850
#3	.0007684	.0075024	.3211902

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.395	2321.249	51210.28	10939.45	3258.935
Stddev	9.229	11.379	255.84	51.61	14.924
%RSD	.7818284	.4902078	.4995789	.4717369	.4579287

#1	1171.471	2309.003	51012.65	10879.88	3242.682
#2	1189.901	2331.496	51499.25	10967.82	3272.021
#3	1179.815	2323.248	51118.94	10970.65	3262.101

Sample Name: I6755-13DLX20 Acquired: 12/22/2017 18:24:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007538	.0007044	-.000756	.0046658	.0043016	.1063289	.1164622
Stddev	.0031384	.0021586	.001971	.0010137	.0016161	.0071910	.0018598
%RSD	416.3361	306.4508	260.6236	21.72498	37.56943	6.763018	1.596871

#1	-.001869	-.001765	.000223	.0052217	.0056089	.0988276	.1156166
#2	.004231	.001643	.000533	.0034958	.0024947	.1069957	.1151754
#3	-.000100	.002234	-.003025	.0052799	.0048012	.1131633	.1185945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027029	.0027895	16.10722	.0118492	.0275134	.0157047	.0494562
Stddev	.0000470	.0000920	.33172	.0001213	.0003464	.0010419	.0067470
%RSD	1.738800	3.299376	2.059424	1.023460	1.259222	6.634289	13.64232

#1	.0027138	.0028954	15.90487	.0118136	.0273454	.0168917	.0424269
#2	.0026514	.0027286	15.92674	.0119843	.0272830	.0149413	.0500618
#3	.0027435	.0027446	16.49004	.0117497	.0279118	.0152811	.0558800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0265212	44.28073	.0274910	.0044208	426.4223	.0258673	.0214015
Stddev	.0004210	.97319	.0004007	.0001375	8.0795	.0015813	.0036410
%RSD	1.587529	2.197765	1.457584	3.109177	1.894715	6.113115	17.01266

#1	.0260359	43.53434	.0275475	.0044878	422.9517	.0267632	.0228690
#2	.0267886	43.92642	.0278604	.0045118	420.6580	.0240415	.0240797
#3	.0267392	45.38143	.0270650	.0042627	435.6572	.0267973	.0172558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.89947	.0022615	.1676952	.0005232	33.38258	.0615335	-.001282
Stddev	.27562	.0003315	.0020152	.0001013	.04779	.0014408	.001138
%RSD	1.733491	14.65902	1.201713	19.36454	.1431457	2.341492	88.80448

#1	15.75235	.0025033	.1675765	.0005622	33.33083	.0615126	-.000356
#2	15.72863	.0018836	.1657419	.0005992	33.42503	.0601033	-.000937
#3	16.21743	.0023976	.1697671	.0004082	33.39188	.0629847	-.002553

Sample Name: I6755-13DLX20 Acquired: 12/22/2017 18:24:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000357	.0069800	.3155109
Stddev	.000375	.0007832	.0057669
%RSD	104.9074	11.21989	1.827806

#1	-.000426	.0060759	.3122538
#2	.000047	.0074160	.3121095
#3	-.000692	.0074482	.3221695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.175	2345.175	51624.76	10828.72	3282.251
Stddev	10.946	4.506	292.95	122.09	9.158
%RSD	.9204708	.1921312	.5674637	1.127439	.2790040

#1	1184.334	2339.977	51472.98	10854.73	3271.897
#2	1181.484	2347.978	51438.85	10935.70	3285.570
#3	1201.706	2347.570	51962.46	10695.72	3289.287

Sample Name: I6755-11LDLX100 Acquired: 12/22/2017 18:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000234	-.000945	-.000673	.0007725	-.000077	.0034787	-.001505
Stddev	.000610	.002336	.001110	.0008343	.001481	.0012355	.000108
%RSD	260.5396	247.1854	164.8883	107.9926	1915.845	35.51624	7.202323

#1	-.000772	.001625	-.001889	.0017283	-.000034	.0029053	-.001520
#2	.000429	-.001520	-.000415	.0001900	-.001579	.0048967	-.001606
#3	-.000360	-.002940	.000285	.0003993	.001381	.0026341	-.001390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000037	3.280649	-.000042	-.000065	-.000095	-.002527
Stddev	.000060	.000032	.028227	.000507	.000244	.000852	.001243
%RSD	291.3515	87.14216	.8604039	1217.781	374.1561	892.0495	49.18705

#1	-.000076	-.000002	3.248722	.000372	-.000330	.000799	-.002292
#2	-.000028	-.000044	3.290936	-.000608	-.000017	-.000896	-.003871
#3	.000043	-.000065	3.302290	.000111	.000151	-.000189	-.001419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000126	8.929851	-.000353	.0001878	85.94803	.0004925	-.001344
Stddev	.0004526	.047925	.000434	.0002352	.13303	.0009007	.002499
%RSD	3585.940	.5366886	122.9945	125.2218	.1547846	182.8698	185.9646

#1	.0005330	8.897170	-.000849	.0003451	85.88354	.0010412	-.003788
#2	-.000289	8.907515	-.000164	-.000083	85.85953	-.000547	-.001451
#3	-.000206	8.984867	-.000045	.000301	86.10102	.000983	.001207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.109255	-.001464	.0278697	-.000164	6.163054	.0115425	.0005630
Stddev	.034073	.000965	.0006185	.000152	.047906	.0008595	.0010061
%RSD	1.095865	65.94800	2.219417	92.58392	.7773116	7.446025	178.7091

#1	3.095947	-.000600	.0272181	-.000041	6.177774	.0110881	-.000127
#2	3.083844	-.001286	.0284488	-.000117	6.109515	.0110056	.000098
#3	3.147974	-.002506	.0279422	-.000333	6.201872	.0125338	.001718

Sample Name: I6755-11LDLX100 Acquired: 12/22/2017 18:28:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000803	-.000968	.0646249
Stddev	.0001452	.000585	.0001744
%RSD	180.8367	60.43751	.2698727

#1	-.000020	-.001638	.0645506
#2	.000247	-.000704	.0644999
#3	.000015	-.000562	.0648241

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.355	2487.603	55502.85	11169.14	3722.106
Stddev	8.297	4.912	243.25	19.32	8.722
%RSD	.6604264	.1974667	.4382643	.1730145	.2343312

#1	1252.211	2482.174	55373.38	11148.73	3712.317
#2	1250.946	2488.894	55351.72	11187.15	3729.050
#3	1265.908	2491.741	55783.45	11171.53	3724.950

Sample Name: I7017-10 Acquired: 12/22/2017 18:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA525 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214115	-.021585	9.291737	-.002319	.0047292	72.21259	2.133447
Stddev	.0047949	.003137	.018613	.001861	.0016791	.24916	.001923
%RSD	3.949311	14.53167	.2003124	80.23907	35.50478	.3450328	.0901404

#1	.1224149	-.025122	9.270800	-.003565	.0039840	72.08177	2.133106
#2	.1161943	-.020490	9.298005	-.000180	.0066519	72.05609	2.131717
#3	.1256254	-.019142	9.306406	-.003213	.0035517	72.49991	2.135517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094290	.0883624	293.6908	.1579705	.1641440	.2721018	184.4057
Stddev	.0001951	.0003313	1.6113	.0021528	.0005501	.0014879	1.1180
%RSD	2.068838	.3749528	.5486358	1.362806	.3351391	.5468173	.6062694

#1	.0094033	.0886590	292.3827	.1555847	.1635513	.2737976	183.6441
#2	.0092480	.0880048	293.1991	.1585588	.1646382	.2710152	183.8838
#3	.0096356	.0884234	295.4907	.1597680	.1642424	.2714925	185.6892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.67138	121.7900	.1764371	-.005809	1.242890	.2685885	4.522706
Stddev	.07135	.6307	.0010165	.000217	.026350	.0019848	.052671
%RSD	.5218675	.5178940	.5761185	3.729262	2.120098	.7389808	1.164592

#1	13.62884	121.3381	.1752644	-.005804	1.218564	.2667053	4.545823
#2	13.63156	121.5214	.1769811	-.006027	1.239226	.2683990	4.559866
#3	13.75375	122.5106	.1770658	-.005594	1.270881	.2706613	4.462430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80872	5.440560	.3113200	.0040360	4.271955	5.688903	.0059016
Stddev	.04225	.030400	.0012197	.0001702	.019084	.096270	.0013769
%RSD	.3909204	.5587571	.3917875	4.218389	.4467357	1.692244	23.33145

#1	10.81485	5.405511	.3110197	.0041915	4.250489	5.580904	.0074782
#2	10.76373	5.459766	.3102785	.0040623	4.287004	5.720095	.0049348
#3	10.84757	5.456403	.3126619	.0038541	4.278372	5.765709	.0052919

Sample Name: I7017-10 Acquired: 12/22/2017 18:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA525 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6834093	.0482939	.1770814
Stddev	.0037105	.0000328	.0001608
%RSD	.5429350	.0678726	.0908003

#1	.6808828	.0483282	.1771987
#2	.6816760	.0482906	.1771474
#3	.6876693	.0482629	.1768981

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1265.163	2503.772	58765.03	12963.72	3133.393
Stddev	20.229	14.631	426.58	36.19	11.483
%RSD	1.598906	.5843738	.7259040	.2791287	.3664687

#1	1246.696	2503.093	58435.04	12972.00	3132.072
#2	1262.010	2518.731	58613.33	12995.04	3145.480
#3	1286.783	2489.492	59246.73	12924.11	3122.628

Sample Name: I7017-11 Acquired: 12/22/2017 18:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA526 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711629	-.017575	5.130994	-.001253	.0073410	95.28695	1.931287
Stddev	.0035503	.003451	.010977	.002058	.0021503	.19372	.006060
%RSD	2.074235	19.63832	.2139322	164.2490	29.29192	.2033049	.3137825

#1	.1736427	-.016779	5.126266	.000932	.0074886	95.18506	1.934400
#2	.1727501	-.014591	5.123172	-.003155	.0051207	95.16544	1.924303
#3	.1670958	-.021354	5.143542	-.001536	.0094137	95.51036	1.935159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103374	.0398093	137.2962	.2156857	.1632975	.2604784	203.6291
Stddev	.0002016	.0001172	.5661	.0008695	.0004994	.0003881	.6653
%RSD	1.950338	.2944894	.4123308	.4031330	.3058242	.1490004	.3267217

#1	.0101263	.0396757	137.6837	.2146859	.1627600	.2605496	204.0894
#2	.0105279	.0398575	137.5584	.2161058	.1637472	.2608260	203.9317
#3	.0103578	.0398947	136.6466	.2162654	.1633854	.2600596	202.8663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.02015	61.67014	.1864321	-.010991	1.482237	.3275691	2.369890
Stddev	.04240	.11435	.0007012	.000286	.141780	.0014406	.082794
%RSD	.3256226	.1854159	.3760973	2.603732	9.565250	.4397690	3.493595

#1	13.05389	61.67212	.1859051	-.011321	1.332239	.3260253	2.459641
#2	13.03401	61.78348	.1861633	-.010822	1.614041	.3288773	2.353533
#3	12.97256	61.55481	.1872279	-.010829	1.500432	.3278047	2.296494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.647898	3.792160	.3366516	.0044708	2.317315	5.478164	.0067178
Stddev	.035969	.018240	.0057201	.0003656	.001395	.105581	.0015310
%RSD	.3728180	.4810013	1.699113	8.177154	.0601898	1.927298	22.78998

#1	9.606989	3.806958	.3417291	.0045749	2.317114	5.372327	.0079229
#2	9.662140	3.797741	.3377711	.0047731	2.316032	5.478679	.0072353
#3	9.674565	3.771781	.3304544	.0040645	2.318799	5.583486	.0049951

Sample Name: I7017-11 Acquired: 12/22/2017 18:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA526 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7863301	.0580386	.1561658
Stddev	.0037457	.0004787	.0003361
%RSD	.4763524	.8247833	.2152284

#1	.7836356	.0576752	.1564366
#2	.7847474	.0585810	.1557896
#3	.7906074	.0578594	.1562713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.857	2615.999	60653.65	13158.26	3297.805
Stddev	28.352	14.774	804.79	65.71	10.420
%RSD	2.162847	.5647464	1.326866	.4993988	.3159767

#1	1278.360	2601.610	59783.05	13172.25	3287.295
#2	1323.680	2615.259	60807.45	13215.85	3297.986
#3	1330.533	2631.130	61370.44	13086.68	3308.133

Sample Name: I7017-12 Acquired: 12/22/2017 18:40:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA527 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1323924	-.020022	5.290003	-.001830	.0061458	67.26829	15.86937
Stddev	.0072795	.002346	.003056	.003270	.0012116	.27614	.08508
%RSD	5.498448	11.71858	.0577772	178.6636	19.71485	.4105020	.5360970

#1	.1241820	-.018398	5.286540	-.002666	.0072902	66.94958	15.93131
#2	.1349375	-.022712	5.292324	.001777	.0062708	67.43608	15.77237
#3	.1380577	-.018956	5.291145	-.004601	.0048766	67.41921	15.90442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093506	.0309284	509.6907	.1632826	.1478110	.2400576	184.8982
Stddev	.0000242	.0002397	2.2985	.0001421	.0002844	.0005440	1.0031
%RSD	.2584606	.7749741	.4509637	.0870356	.1923887	.2266064	.5425392

#1	.0093309	.0307019	507.2872	.1631190	.1477506	.2398922	183.7512
#2	.0093775	.0309039	511.8675	.1633533	.1475616	.2406650	185.6112
#3	.0093433	.0311794	509.9175	.1633755	.1481207	.2396154	185.3324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.82450	244.1494	.1563553	-.010851	1.319707	.2657066	2.349364
Stddev	.06896	1.3537	.0003718	.000174	.046714	.0040448	.020879
%RSD	.4988485	.5544497	.2378198	1.601317	3.539725	1.522278	.8887081

#1	13.75305	242.6807	.1560277	-.011020	1.275258	.2703507	2.326907
#2	13.89068	245.3470	.1562787	-.010673	1.368397	.2638142	2.368189
#3	13.82976	244.4205	.1567594	-.010862	1.315466	.2629549	2.352996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.834289	5.876795	.3180189	.0044515	9.544331	4.728619	.0040244
Stddev	.015493	.033000	.0018845	.0004675	.054146	.019165	.0030041
%RSD	.1977536	.5615383	.5925716	10.50239	.5673130	.4052994	74.64790

#1	7.821206	5.859197	.3158430	.0046263	9.499082	4.746292	.0065714
#2	7.830264	5.856324	.3191227	.0039218	9.529591	4.708248	.0007115
#3	7.851397	5.914865	.3190911	.0048064	9.604322	4.731317	.0047902

Sample Name: I7017-12 Acquired: 12/22/2017 18:40:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA527 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6464373	.0453027	.3001402
Stddev	.0032406	.0005456	.0005196
%RSD	.5013036	1.204359	.1731364

#1	.6499723	.0456582	.3006514
#2	.6436070	.0455755	.2996125
#3	.6457326	.0446745	.3001568

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.313	2360.459	55511.39	12304.78	2927.986
Stddev	4.741	5.952	215.53	36.79	1.839
%RSD	.3972804	.2521612	.3882652	.2989797	.0628220

#1	1194.499	2353.642	55352.05	12294.64	2925.883
#2	1188.091	2363.105	55425.50	12274.13	2928.779
#3	1197.348	2364.629	55756.63	12345.58	2929.296

Sample Name: ccv058 Acquired: 12/22/2017 18:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.379398	4.843036	25.01679	5.362208	5.421130	411.9565
Stddev	.018991	.006908	.05459	.031693	.022393	2.6525
%RSD	.3530384	.1426302	.2182162	.5910372	.4130702	.6438780

#1	5.373893	4.838778	25.02488	5.375379	5.435503	409.2381
#2	5.400534	4.839324	24.95861	5.385192	5.432558	414.5378
#3	5.363768	4.851006	25.06689	5.326054	5.395329	412.0934

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75653	.5006652	2.486229	399.4409	15.33027	2.555038
Stddev	.07812	.0027566	.006970	3.9880	.02431	.003428
%RSD	.7262816	.5505967	.2803601	.9984067	.1585608	.1341562

#1	10.66842	.4975278	2.488482	394.8667	15.31203	2.556374
#2	10.78385	.5017686	2.478410	402.1886	15.32090	2.551143
#3	10.81733	.5026993	2.491793	401.2673	15.35786	2.557596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88753	370.6764	16.01709	376.8773	2.534112	F 1.389416
Stddev	.10074	3.2249	.16652	3.1902	.003397	.002216
%RSD	.6766892	.8700060	1.039651	.8464776	.1340403	.1594962

#1	14.81996	367.2472	15.83014	373.3835	2.534728	1.391974
#2	15.00332	373.6482	16.14953	379.6352	2.530450	1.388121
#3	14.83931	371.1336	16.07159	377.6133	2.537160	1.388151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	435.3781	2.336044	14.67722	162.7341	5.296957	5.302469
Stddev	2.9384	.024164	.07130	1.2053	.020591	.037148
%RSD	.6749081	1.034401	.4857942	.7406294	.3887406	.7005860

#1	432.4873	2.309697	14.62497	161.6353	5.287539	5.260858
#2	438.3619	2.357173	14.64825	164.0232	5.320573	5.332296
#3	435.2850	2.341261	14.75845	162.5438	5.282758	5.314254

Sample Name: ccv058 Acquired: 12/22/2017 18:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.190189	5.202532	4.995073	5.037400	5.083508	5.715793
Stddev	.010045	.011124	.023315	.005657	.017889	.014377
%RSD	.1935328	.2138119	.4667561	.1123013	.3518966	.2515234
#1	5.199774	5.194845	4.968298	5.035384	5.067088	5.716275
#2	5.191054	5.215287	5.006029	5.033028	5.080864	5.729922
#3	5.179740	5.197463	5.010891	5.043789	5.102571	5.701181

Elem	Sr4077
Units	ppm
Avg	5.402655
Stddev	.026802
%RSD	.4960898
#1	5.418851
#2	5.417397
#3	5.371718

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.084	2011.844	47577.83	10509.69	2678.494
Stddev	9.799	8.627	237.03	35.11	7.501
%RSD	.9643879	.4287957	.4981898	.3340390	.2800515
#1	1004.770	2004.700	47342.60	10528.56	2670.976
#2	1021.885	2009.403	47574.26	10469.18	2678.529
#3	1021.596	2021.427	47816.62	10531.32	2685.978

Sample Name: CCV058 Acquired: 12/22/2017 18:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.379398	4.843036	25.01679	5.362208	5.421130	411.9565
Stddev	.018991	.006908	.05459	.031693	.022393	2.6525
%RSD	.3530384	.1426302	.2182162	.5910372	.4130702	.6438780

#1	5.373893	4.838778	25.02488	5.375379	5.435503	409.2381
#2	5.400534	4.839324	24.95861	5.385192	5.432558	414.5378
#3	5.363768	4.851006	25.06689	5.326054	5.395329	412.0934

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75653	.5006652	2.486229	399.4409	15.33027	2.555038
Stddev	.07812	.0027566	.006970	3.9880	.02431	.003428
%RSD	.7262816	.5505967	.2803601	.9984067	.1585608	.1341562

#1	10.66842	.4975278	2.488482	394.8667	15.31203	2.556374
#2	10.78385	.5017686	2.478410	402.1886	15.32090	2.551143
#3	10.81733	.5026993	2.491793	401.2673	15.35786	2.557596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88753	370.6764	16.01709	376.8773	2.534112	F 1.389416
Stddev	.10074	3.2249	.16652	3.1902	.003397	.002216
%RSD	.6766892	.8700060	1.039651	.8464776	.1340403	.1594962

#1	14.81996	367.2472	15.83014	373.3835	2.534728	1.391974
#2	15.00332	373.6482	16.14953	379.6352	2.530450	1.388121
#3	14.83931	371.1336	16.07159	377.6133	2.537160	1.388151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	435.3781	2.336044	14.67722	162.7341	5.296957	5.302469
Stddev	2.9384	.024164	.07130	1.2053	.020591	.037148
%RSD	.6749081	1.034401	.4857942	.7406294	.3887406	.7005860

#1	432.4873	2.309697	14.62497	161.6353	5.287539	5.260858
#2	438.3619	2.357173	14.64825	164.0232	5.320573	5.332296
#3	435.2850	2.341261	14.75845	162.5438	5.282758	5.314254

Sample Name: CCV058 Acquired: 12/22/2017 18:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.190189	5.202532	4.995073	5.037400	5.083508	5.715793
Stddev	.010045	.011124	.023315	.005657	.017889	.014377
%RSD	.1935328	.2138119	.4667561	.1123013	.3518966	.2515234

#1	5.199774	5.194845	4.968298	5.035384	5.067088	5.716275
#2	5.191054	5.215287	5.006029	5.033028	5.080864	5.729922
#3	5.179740	5.197463	5.010891	5.043789	5.102571	5.701181

Elem	Sr4077
Units	ppm
Avg	5.402655
Stddev	.026802
%RSD	.4960898

#1	5.418851
#2	5.417397
#3	5.371718

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.084	2011.844	47577.83	10509.69	2678.494
Stddev	9.799	8.627	237.03	35.11	7.501
%RSD	.9643879	.4287957	.4981898	.3340390	.2800515

#1	1004.770	2004.700	47342.60	10528.56	2670.976
#2	1021.885	2009.403	47574.26	10469.18	2678.529
#3	1021.596	2021.427	47816.62	10531.32	2685.978

Sample Name: CCB058 Acquired: 12/22/2017 19:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001152	.0003563	-.000465	.0010900	-.000663	.0034066	-.001210
Stddev	.001398	.0003364	.000941	.0011748	.001742	.0071838	.000142
%RSD	121.3919	94.41746	202.3395	107.7772	262.9473	210.8792	11.70267

#1	-.002726	.0004386	.000367	.0016733	.000092	.0057738	-.001369
#2	-.000056	-.000014	-.000276	.0018589	.000575	.0091081	-.001165
#3	-.000673	.000644	-.001486	-.000262	-.002655	-.004662	-.001096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000093	-.000001	.0122310	.0004702	-.000143	.0017396	.0014078
Stddev	.000054	.000042	.0208565	.0002320	.000071	.0002384	.0010557
%RSD	57.88400	4325.654	170.5223	49.33836	49.35941	13.70316	74.99403

#1	-.000080	-.000046	-.002595	.0007251	-.000224	.0017035	.0024740
#2	-.000153	.000037	.036080	.0004142	-.000099	.0019940	.0003629
#3	-.000047	.000006	.003208	.0002714	-.000106	.0015213	.0013864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000293	-.014642	.0000835	.0001918	.0886085	.0002061	-.000498
Stddev	.000430	.016691	.0002649	.0001906	.1252915	.0012305	.001219
%RSD	147.1277	113.9960	317.1176	99.38592	141.3990	596.9053	244.6267

#1	-.000785	-.021654	-.000001	.0002361	.0660616	.0007770	.000548
#2	-.000104	.004411	.000380	-.000017	.2236426	-.001206	-.001836
#3	.000011	-.026683	-.000129	.000356	-.023879	.001048	-.000206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008739	-.000543	-.002201	.0002670	-.004374	-.002169	-.000368
Stddev	.059585	.000476	.000238	.0001138	.002898	.000755	.001271
%RSD	681.8235	87.73196	10.83394	42.61531	66.26562	34.82317	345.6172

#1	-.077031	-.001087	-.002474	.0003485	-.002029	-.002539	.000352
#2	.032653	-.000339	-.002037	.0001370	-.007614	-.002667	-.001836
#3	.018161	-.000202	-.002091	.0003154	-.003477	-.001300	.000380

Sample Name: CCB058 Acquired: 12/22/2017 19:02:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v387) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB058 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001949	-.000649	.0001066
Stddev	.0006848	.000487	.0001487
%RSD	351.3037	75.07989	139.4489

#1	-.000595	-.000580	.0000543
#2	.000620	-.001167	.0002744
#3	.000560	-.000200	-.000009

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.942	2600.402	58526.43	11271.40	4191.589
Stddev	8.484	11.752	396.03	30.77	10.085
%RSD	.6466821	.4519222	.6766766	.2730281	.2406065

#1	1303.414	2586.836	58099.52	11246.34	4179.955
#2	1312.030	2606.898	58597.93	11262.11	4196.959
#3	1320.381	2607.472	58881.85	11305.75	4197.853