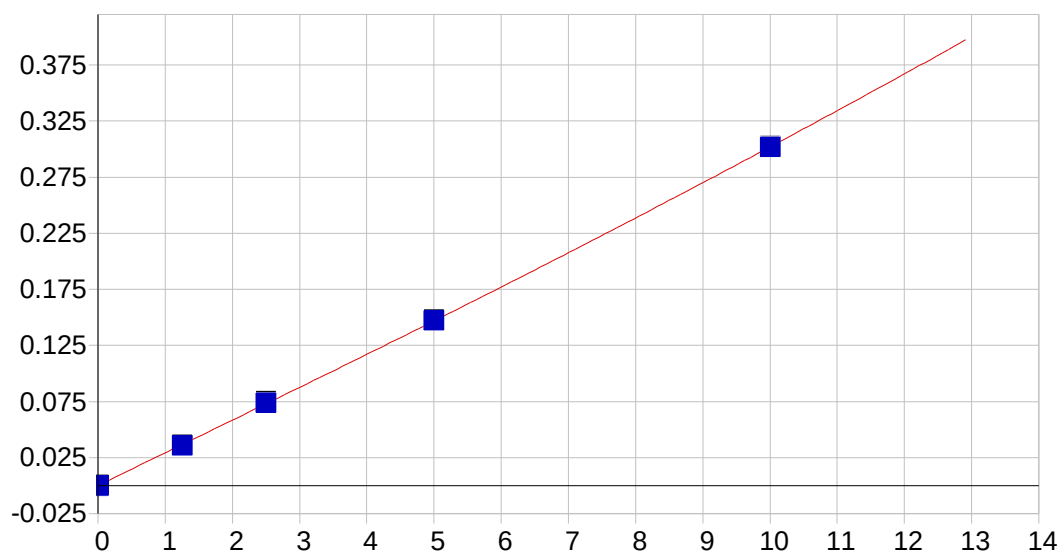




As 189.042 {479}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000354

Re-Slope: 1.000000

A1 (Gain): 0.029324

Y-int: 0.000000

A2 (Curvature): 0.000329

n (Exponent): 0.970000

Correlation: 0.999954

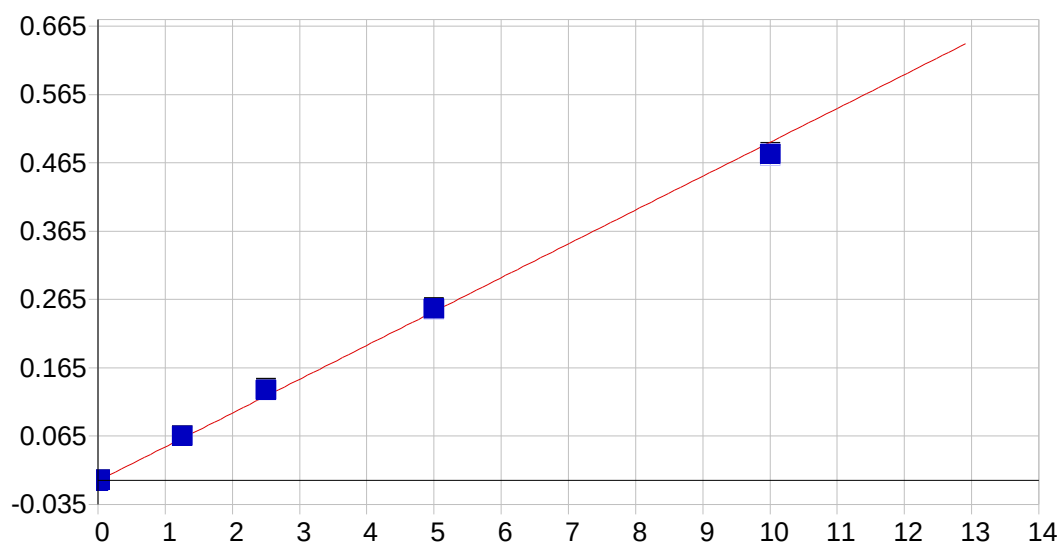
Status: Warning Positive Curvature

Std Error of Est: 0.000007

Predicted MDL: 0.004087

Predicted MQL: 0.013624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01253	.003	25.3	.00007	.000	1
S2	1.2500	1.2195	-.031	-2.44	.03576	.001	1
S3	2.5000	2.5258	.026	1.03	.07384	.001	1
S4	5.0000	5.0090	.009	.181	.14743	.001	1
S5	10.000	9.9931	-.007	-.069	.30241	.000	1



TI 190.856 {477}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000305

Re-Slope: 1.000000

A1 (Gain): 0.049556

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999175

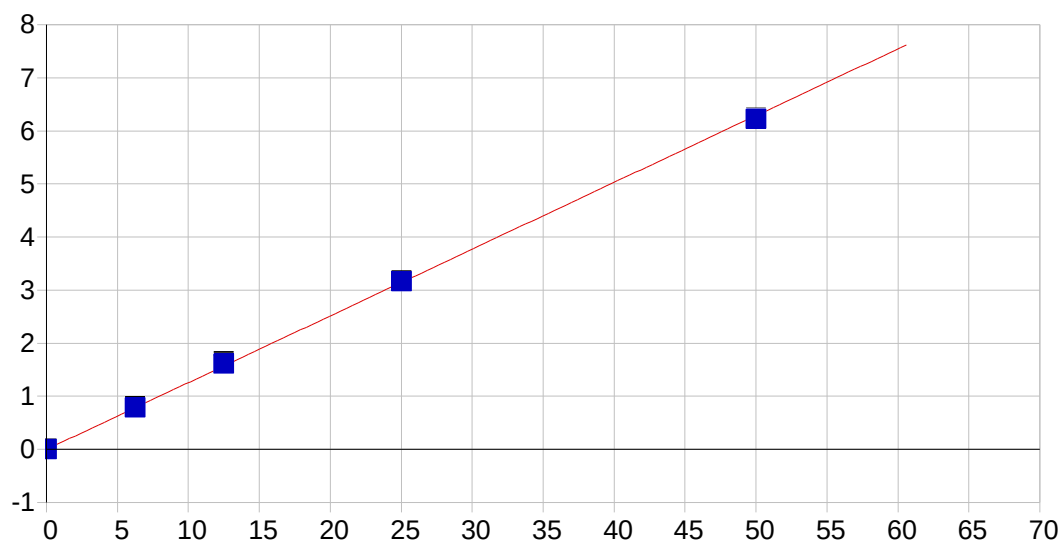
Status: OK.

Std Error of Est: 0.000053

Predicted MDL: 0.002055

Predicted MQL: 0.006850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.02500	.02568	.001	2.74	.00095	.000	1
S2	1.2500	1.3275	.077	6.20	.06511	.001	1
S3	2.5000	2.6792	.179	7.17	.13172	.002	1
S4	5.0000	5.0832	.083	1.66	.25010	.002	1
S5	10.000	9.6595	-.341	-3.41	.47539	.002	1

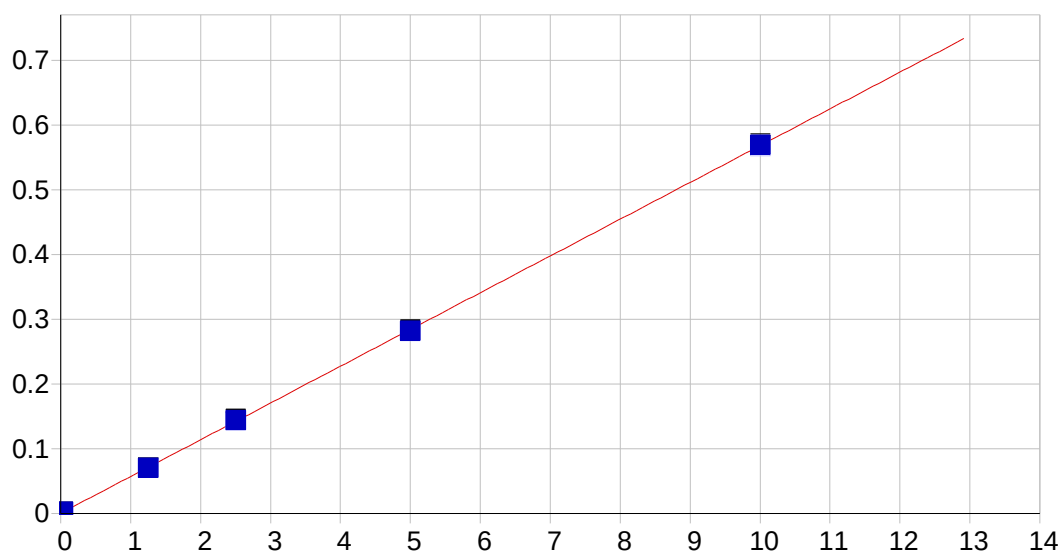


Pb 220.353 {453}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.125767 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001754
 Predicted MQL: 0.005848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.00865	-.001	-13.5	.00104	.000	1
S2	6.2500	6.2934	.043	.695	.79268	.014	1
S3	12.500	12.859	.359	2.87	1.6196	.034	1
S4	25.000	25.136	.136	.544	3.1662	.010	1
S5	50.000	49.463	-.537	-1.07	6.2306	.018	1

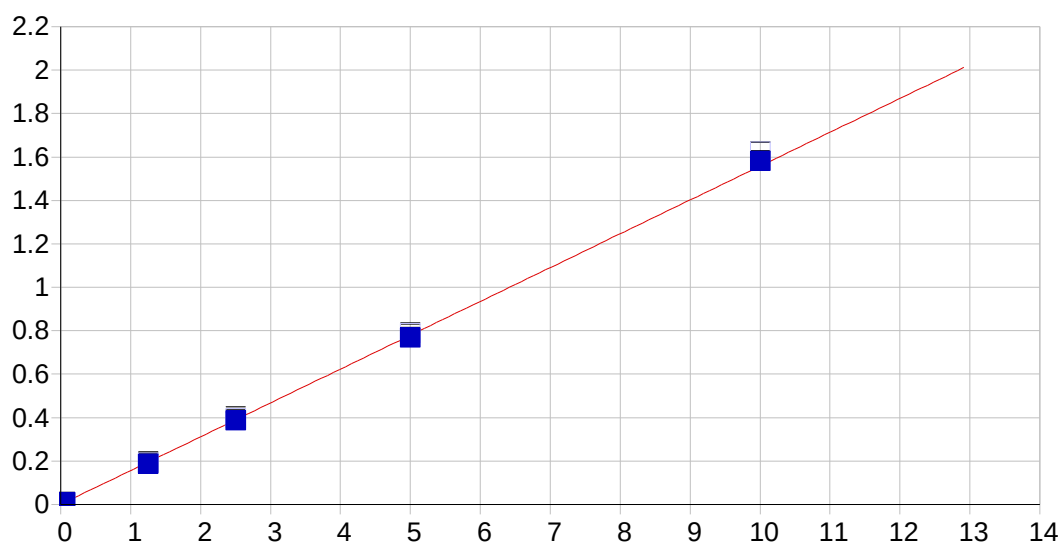


Se 196.090 {472}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.056786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003285
 Predicted MQL: 0.010948

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.03500	.03271	-.002	-6.55	.00222	.000	1
S2	1.2500	1.2339	-.016	-1.29	.07010	.001	1
S3	2.5000	2.5263	.026	1.05	.14316	.002	1
S4	5.0000	4.9700	-.030	-.601	.28126	.002	1
S5	10.000	10.022	.022	.221	.56681	.002	1

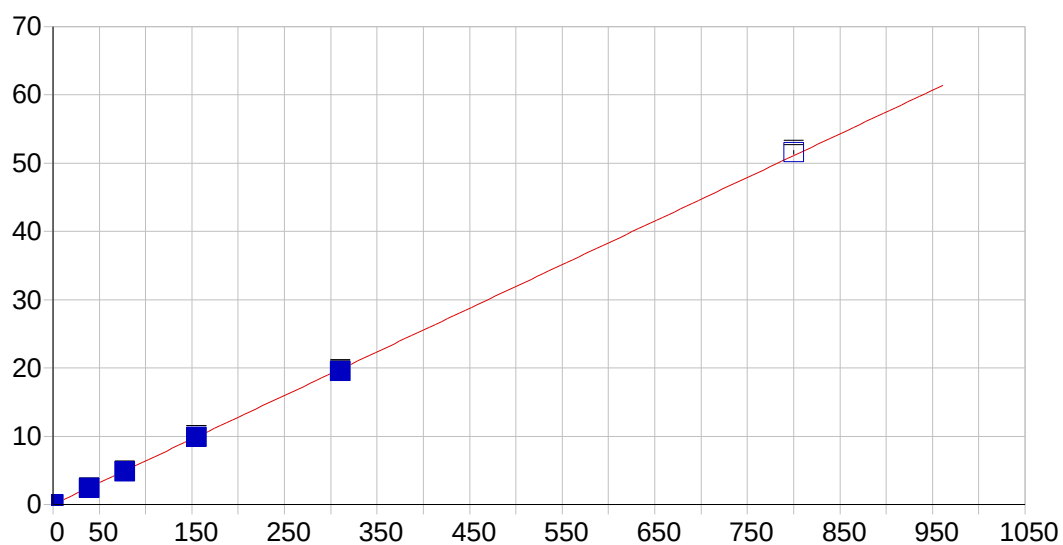


Sb 206.833 {463}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.155762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.001555
 Predicted MQL: 0.005184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.06000	.06002	.000	.031	.00980	.000	1
S2	1.2500	1.2000	-.050	-4.00	.19268	.004	1
S3	2.5000	2.4746	-.025	-1.02	.39651	.007	1
S4	5.0000	4.9278	-.072	-1.44	.78923	.003	1
S5	10.000	10.148	.148	1.48	1.6235	.002	1



AI 396.152 { 85}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001040

Re-Slope: 1.000000

A1 (Gain): 0.063881

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999916

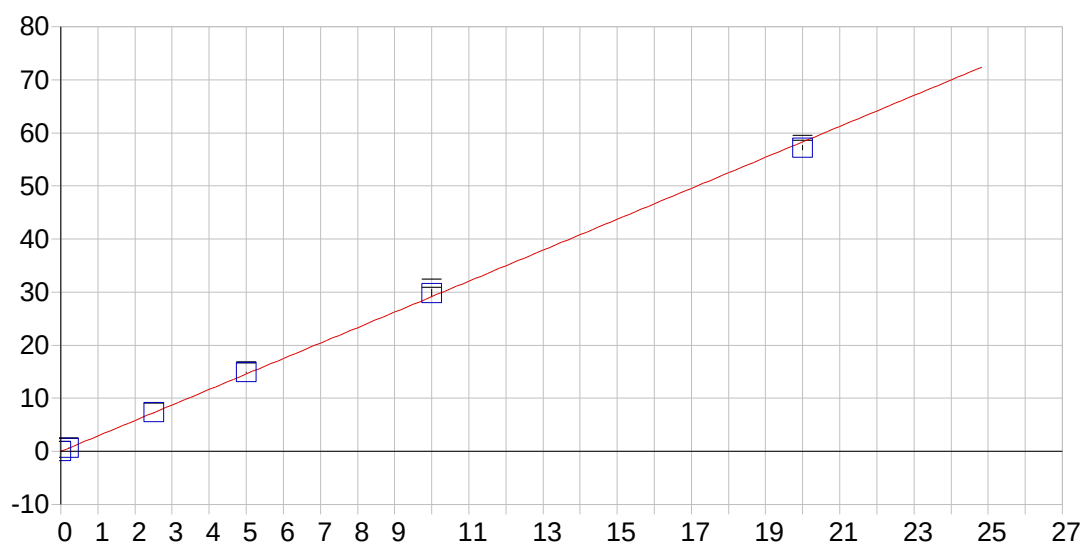
Status: OK.

Std Error of Est: 0.000515

Predicted MDL: 0.010203

Predicted MQL: 0.034010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00104	.000	1
S1	.20000	.18882	-.011	-5.59	.01312	.000	1
S2	38.750	37.435	-1.32	-3.39	2.3947	.021	1
S3	77.500	75.952	-1.55	-2.00	4.8575	.024	1
S4	155.00	154.53	-.471	-.304	9.8817	.249	1
S5	310.00	305.25	-4.75	-1.53	19.519	.216	1
S6	800.00	808.11	8.11	1.01	51.624	.328	1



Ba 493.409 { 68}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005092

Re-Slope: 1.000000

A1 (Gain): 2.915416

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999794

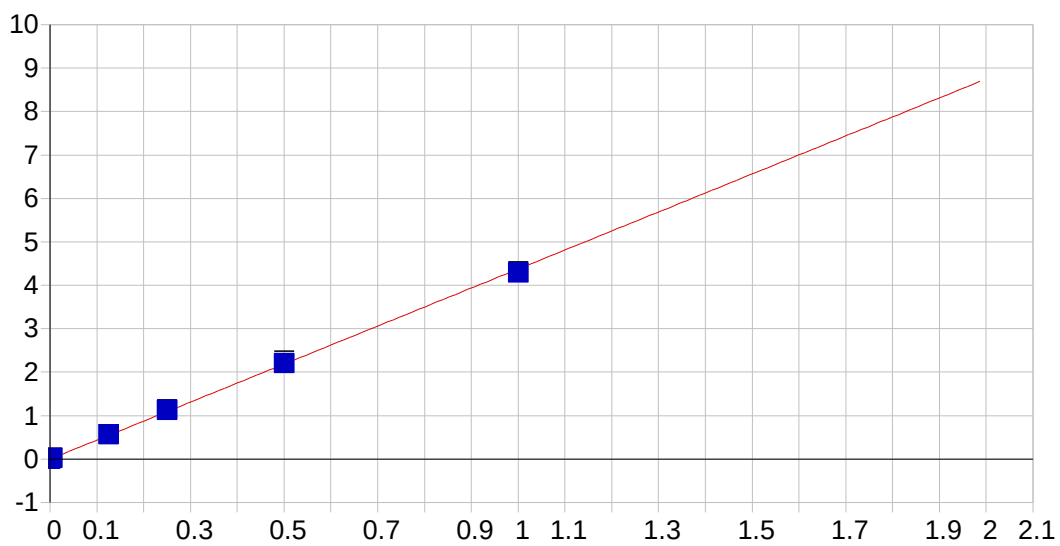
Status: OK.

Std Error of Est: 0.006283

Predicted MDL: 0.000688

Predicted MQL: 0.002293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00513	.001	1
S1	.20000	.20633	.006	3.17	.59646	.002	1
S2	2.5000	2.5165	.016	.659	7.3315	.054	1
S3	5.0000	5.1171	.117	2.34	14.913	.071	1
S4	10.000	10.234	.234	2.34	29.831	.753	1
S5	20.000	19.626	-.374	-1.87	57.214	.510	1

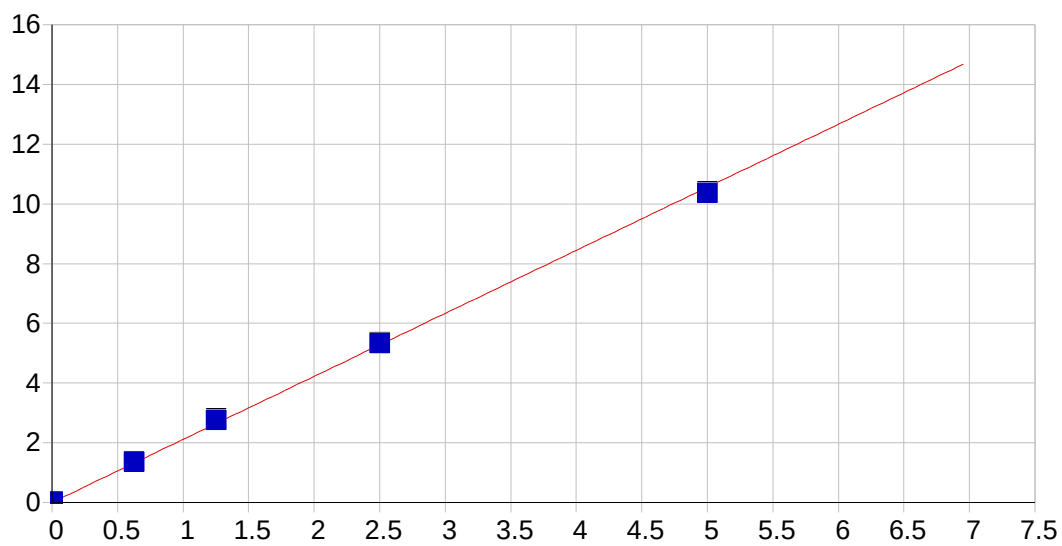


Be 234.861 {144}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001925 Re-Slope: 1.000000
 A1 (Gain): 4.376863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000357
 Predicted MDL: 0.000071
 Predicted MQL: 0.000238

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00193	.000	1
S1	.00500	.00523	.000	4.50	.02093	.000	1
S2	.12500	.12951	.005	3.61	.56253	.005	1
S3	.25000	.25867	.009	3.47	1.1254	.010	1
S4	.50000	.50544	.005	1.09	2.2007	.052	1
S5	1.0000	.98116	-.019	-1.88	4.2733	.027	1



Cd 214.438 {457}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000519

Re-Slope: 1.000000

A1 (Gain): 2.110914

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999750

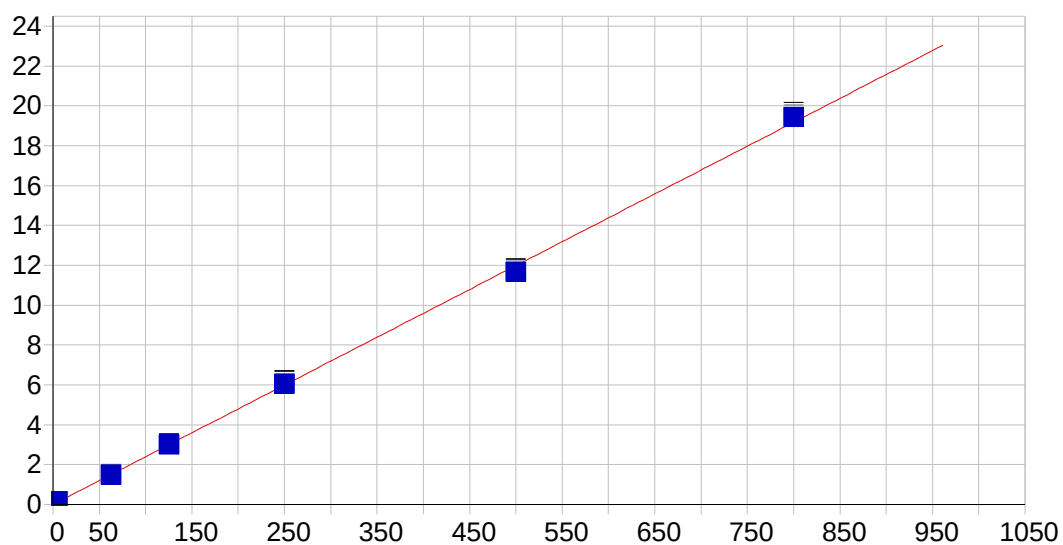
Status: OK.

Std Error of Est: 0.000396

Predicted MDL: 0.000083

Predicted MQL: 0.000277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.00500	.00501	.000	.203	.01110	.000	1
S2	.62500	.63950	.015	2.32	1.3532	.021	1
S3	1.2500	1.3037	.054	4.30	2.7579	.061	1
S4	2.5000	2.5262	.026	1.05	5.3440	.022	1
S5	5.0000	4.9056	-.094	-1.89	10.377	.036	1



Ca 373.690 { 90}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000859

Re-Slope: 1.000000

A1 (Gain): 0.023973

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999856

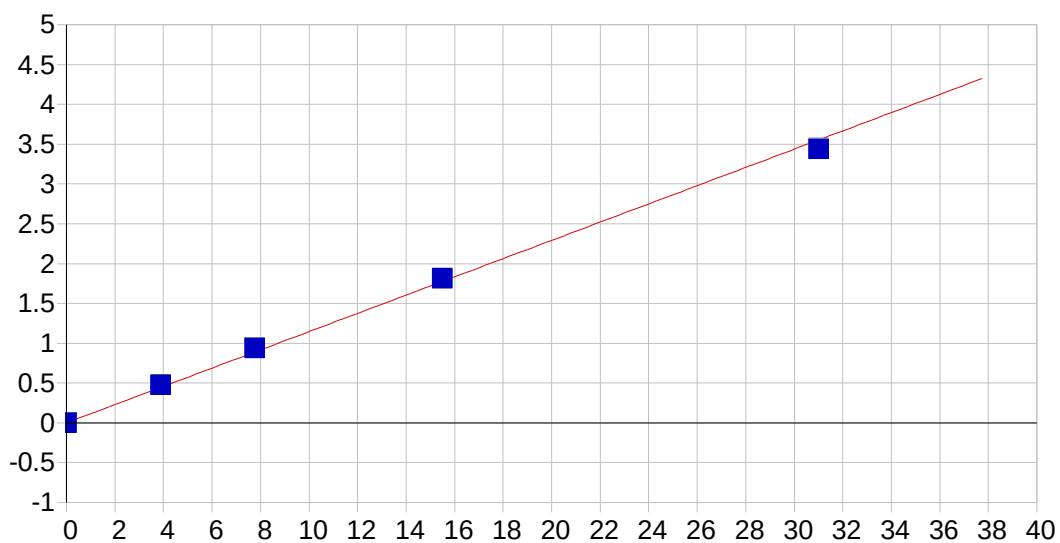
Status: OK.

Std Error of Est: 0.001425

Predicted MDL: 0.019496

Predicted MQL: 0.064985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	.000	.000	.00085	.000	1
S1	5.0000	5.2393	.239	4.79	.12648	.001	1
S2	62.500	62.292	-.208	-.332	1.4996	.016	1
S3	125.00	125.59	.590	.472	3.0224	.030	1
S4	250.00	252.04	2.04	.815	6.0644	.158	1
S5	500.00	486.96	-13.0	-2.61	11.718	.118	1
S6	800.00	810.35	10.4	1.29	19.541	.129	1

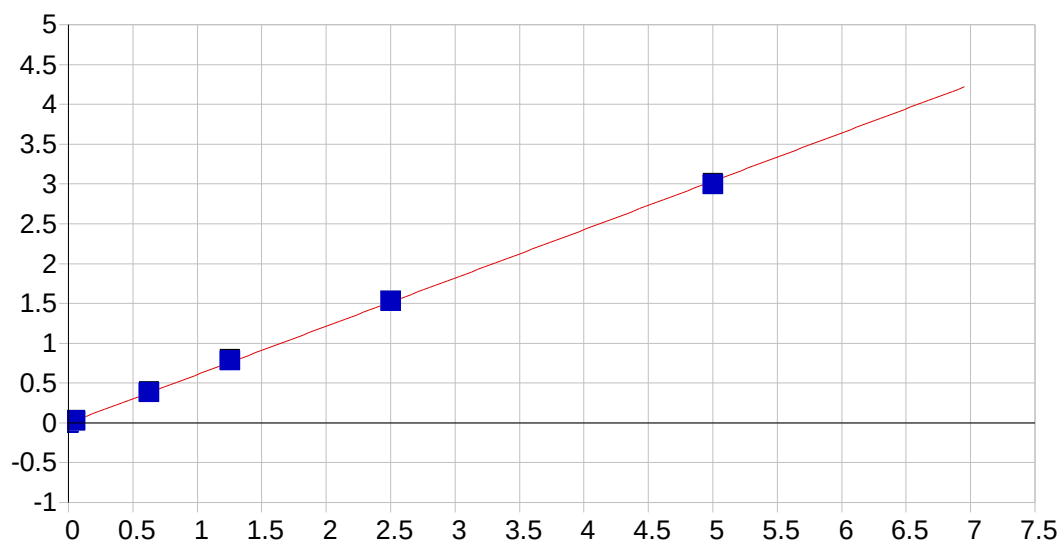


Cr 267.716 {126}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.114565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999290 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000457
 Predicted MQL: 0.001523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01098	.001	9.78	.00129	.000	1
S2	3.8750	4.1371	.262	6.76	.47478	.001	1
S3	7.7500	8.1915	.442	5.70	.94006	.004	1
S4	15.500	15.816	.316	2.04	1.8151	.001	1
S5	31.000	29.980	-1.02	-3.29	3.4409	.008	1

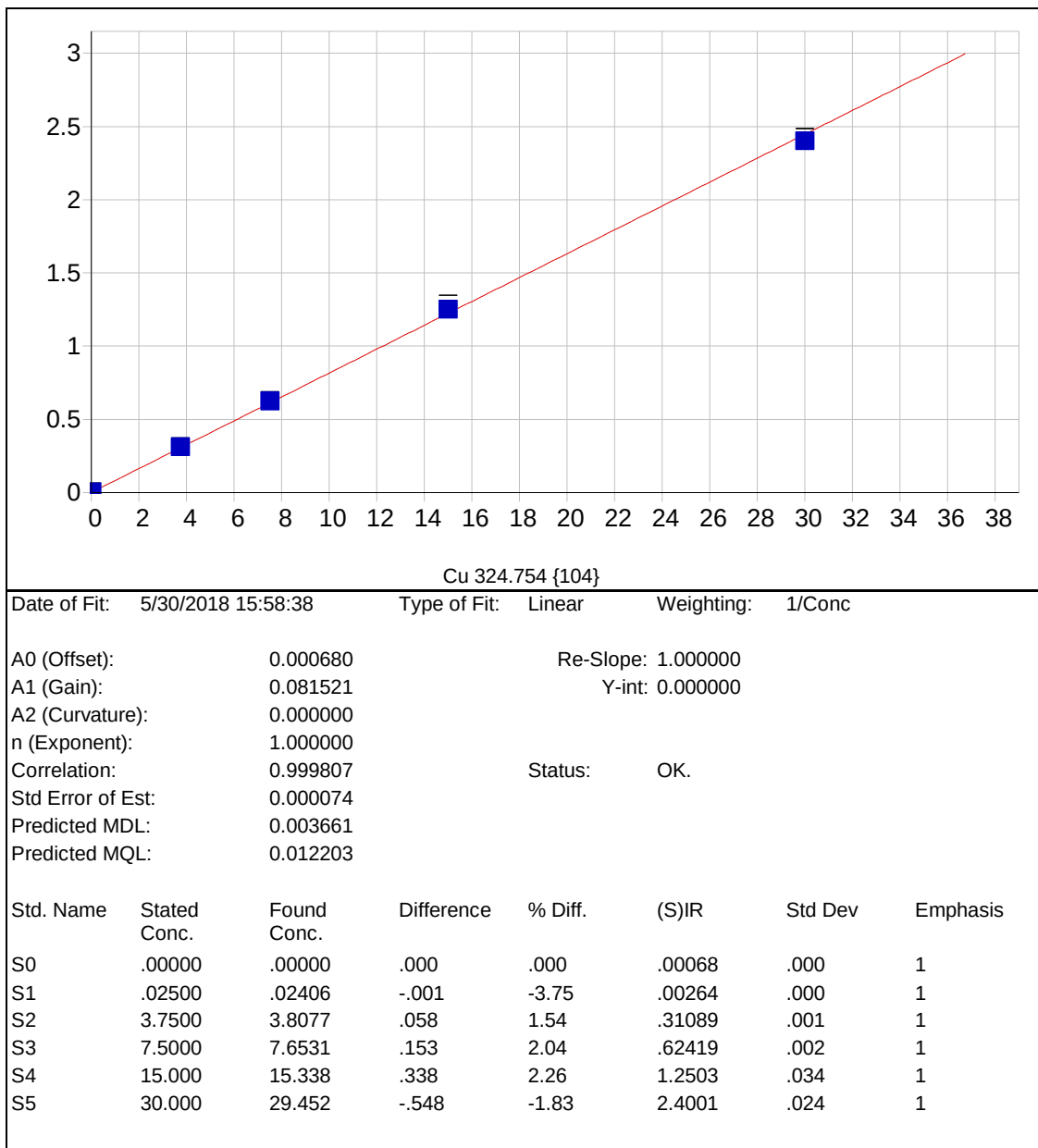


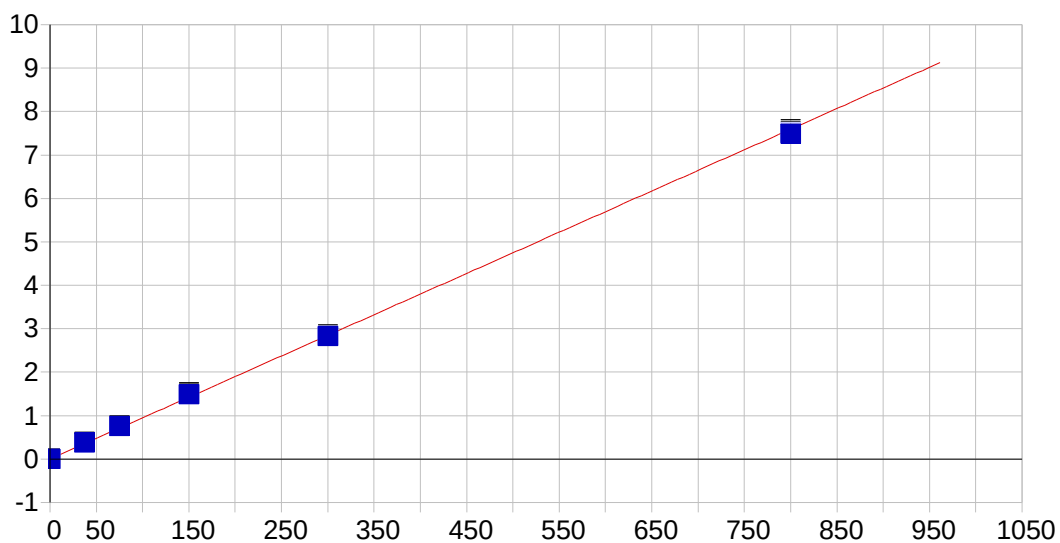
Co 228.616 {448}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.606706 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000262
 Predicted MDL: 0.000276
 Predicted MQL: 0.000922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.05000	.04897	-.001	-2.06	.02950	.000	1
S2	.62500	.63000	.005	.800	.38265	.006	1
S3	1.2500	1.2905	.041	3.24	.78413	.017	1
S4	2.5000	2.5229	.023	.916	1.5333	.002	1
S5	5.0000	4.9326	-.067	-1.35	2.9983	.010	1





Fe 259.837 {130}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000125

Re-Slope: 1.000000

A1 (Gain): 0.009494

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999690

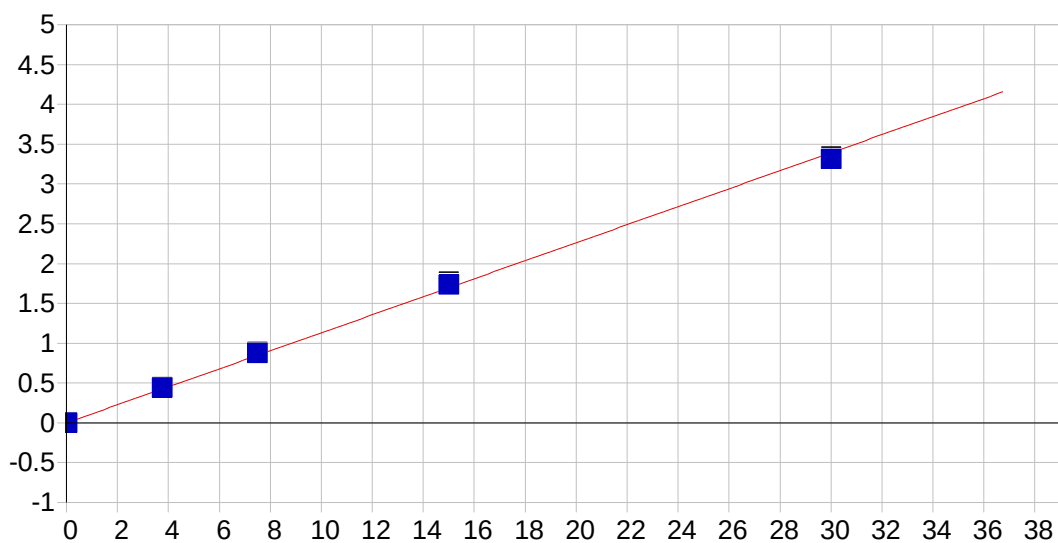
Status: OK.

Std Error of Est: 0.000104

Predicted MDL: 0.016185

Predicted MQL: 0.053950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00013	.000	1
S1	.10000	.11061	.011	10.6	.00120	.000	1
S2	37.500	39.877	2.38	6.34	.38060	.005	1
S3	75.000	79.533	4.53	6.04	.75898	.006	1
S4	150.00	156.25	6.25	4.17	1.4911	.037	1
S5	300.00	297.79	-2.21	-.735	2.8425	.018	1
S6	800.00	789.02	-11.0	-1.37	7.5252	.062	1



Mn 257.610 {131}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000076

Re-Slope: 1.000000

A1 (Gain): 0.113095

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999662

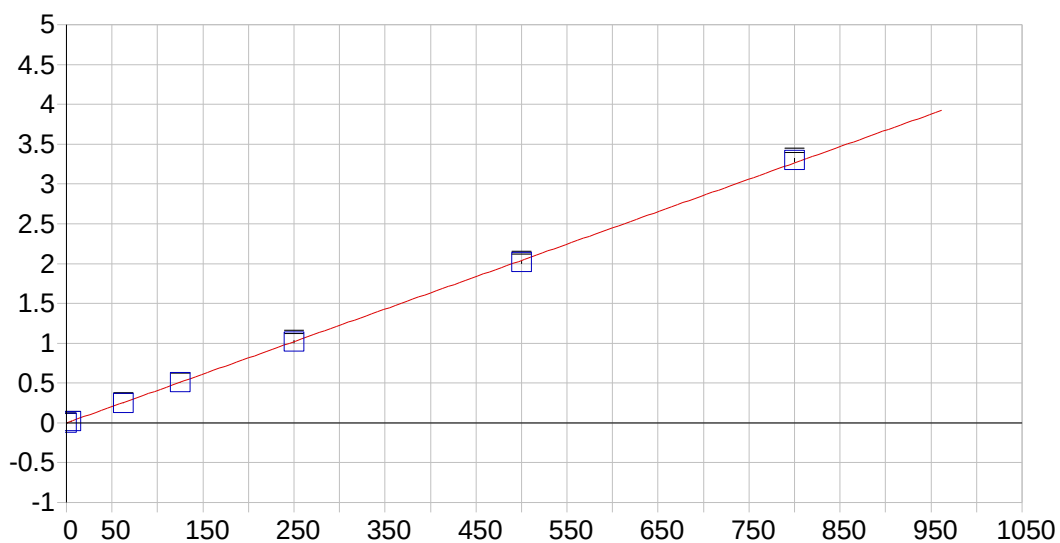
Status: OK.

Std Error of Est: 0.000105

Predicted MDL: 0.001175

Predicted MQL: 0.003917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01661	.002	10.7	.00180	.000	1
S2	3.7500	3.8970	.147	3.92	.44075	.006	1
S3	7.5000	7.7549	.255	3.40	.87716	.009	1
S4	15.000	15.312	.312	2.08	1.7320	.040	1
S5	30.000	29.285	-.715	-2.38	3.3127	.027	1



Mg 279.079 {121}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000183

Re-Slope: 1.000000

A1 (Gain): 0.004081

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999936

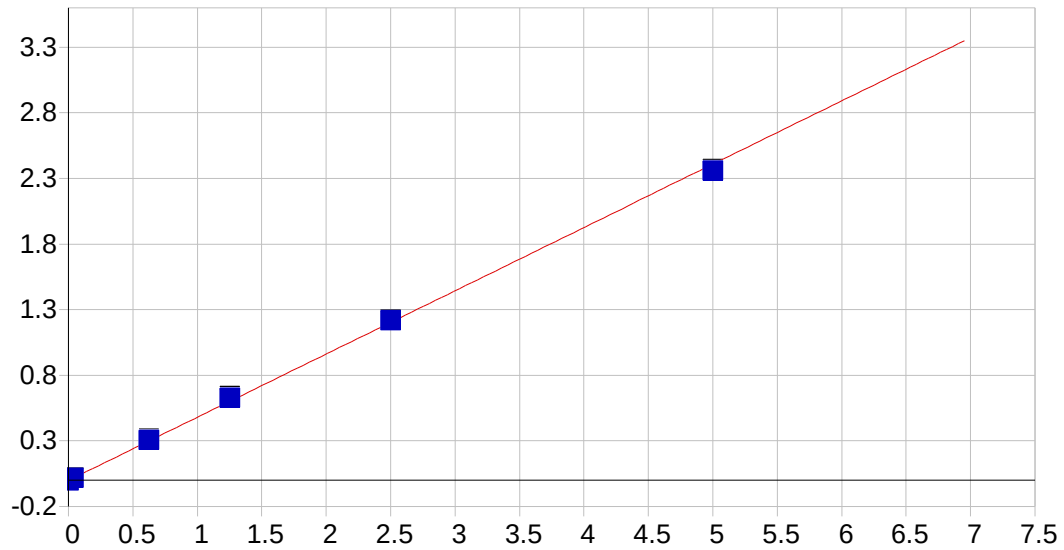
Status: OK.

Std Error of Est: 0.000161

Predicted MDL: 0.046339

Predicted MQL: 0.154464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	-.00018	.000	1
S1	5.0000	5.0164	.016	.328	.02029	.001	1
S2	62.500	60.997	-1.50	-2.40	.24872	.004	1
S3	125.00	123.88	-1.12	-.897	.50532	.005	1
S4	250.00	249.81	-.185	-.074	1.0192	.022	1
S5	500.00	493.85	-6.15	-1.23	2.0150	.017	1
S6	800.00	808.95	8.95	1.12	3.3008	.027	1



Ni 231.604 {446}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001807

Re-Slope: 1.000000

A1 (Gain): 0.482028

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999713

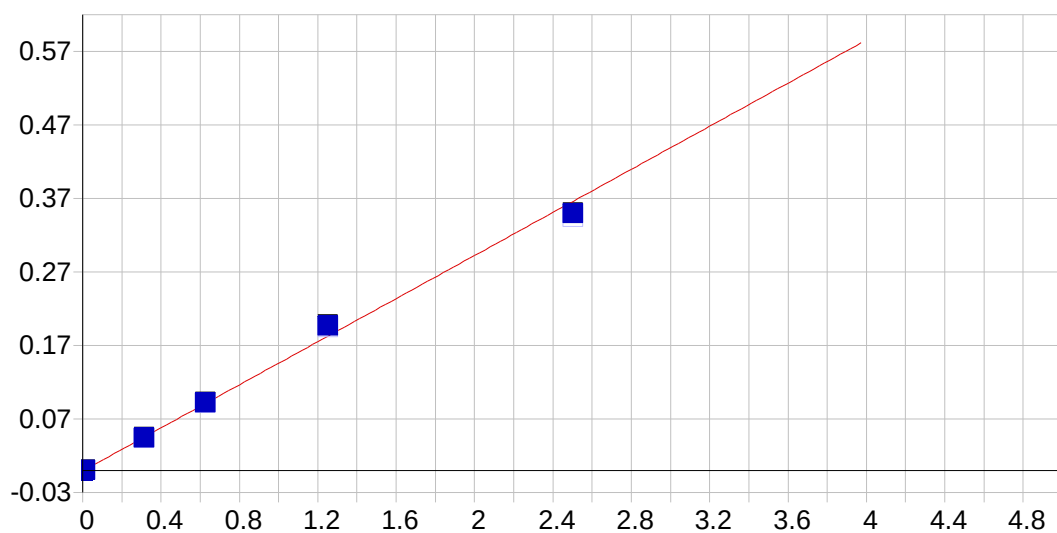
Status: OK.

Std Error of Est: 0.000275

Predicted MDL: 0.000405

Predicted MQL: 0.001348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00181	.000	1
S1	.04000	.04134	.001	3.35	.01813	.000	1
S2	.62500	.64189	.017	2.70	.30822	.006	1
S3	1.2500	1.3048	.055	4.38	.62838	.013	1
S4	2.5000	2.5307	.031	1.23	1.2205	.004	1
S5	5.0000	4.8963	-.104	-2.07	2.3633	.009	1

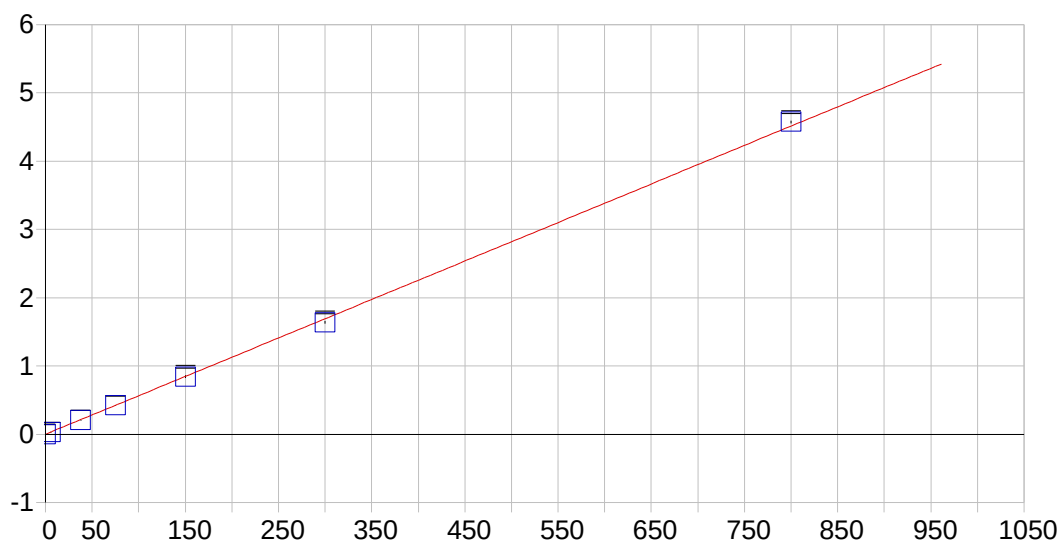


Ag 328.068 {103}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000742 Re-Slope: 1.000000
 A1 (Gain): 0.146562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998594 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000522
 Predicted MQL: 0.001741

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00074	.000	1
S1	.01000	.00936	-.001	-6.42	.00062	.000	1
S2	.31250	.31095	-.002	-.496	.04424	.000	1
S3	.62500	.63762	.013	2.02	.09153	.001	1
S4	1.2500	1.3489	.099	7.91	.19460	.001	1
S5	2.5000	2.3907	-.109	-4.37	.34495	.001	1



Na 818.326 { 41}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000134

Re-Slope: 1.000000

A1 (Gain): 0.005642

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999830

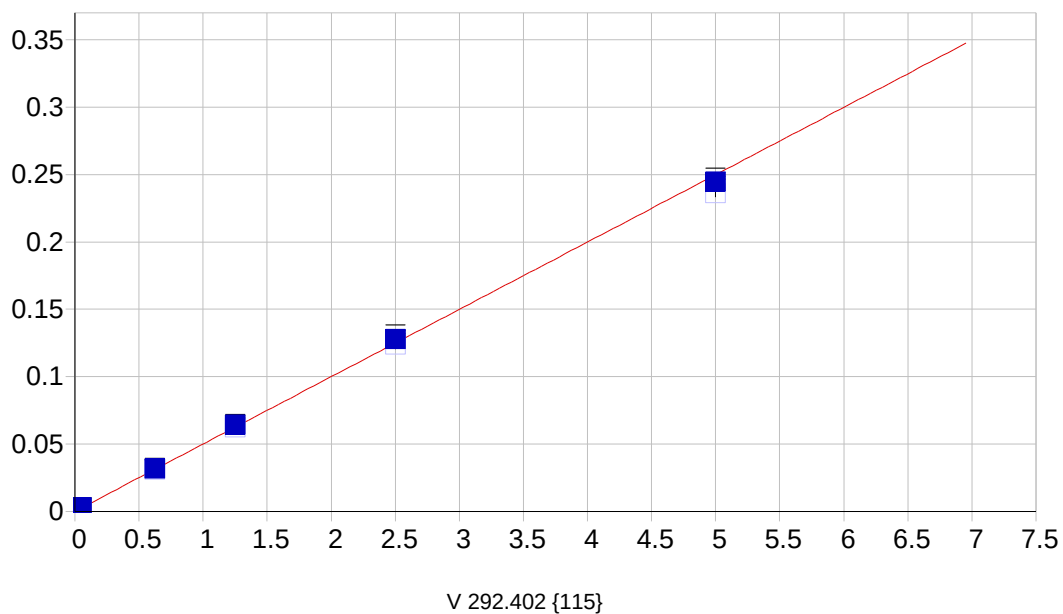
Status: OK.

Std Error of Est: 0.000321

Predicted MDL: 0.236271

Predicted MQL: 0.787569

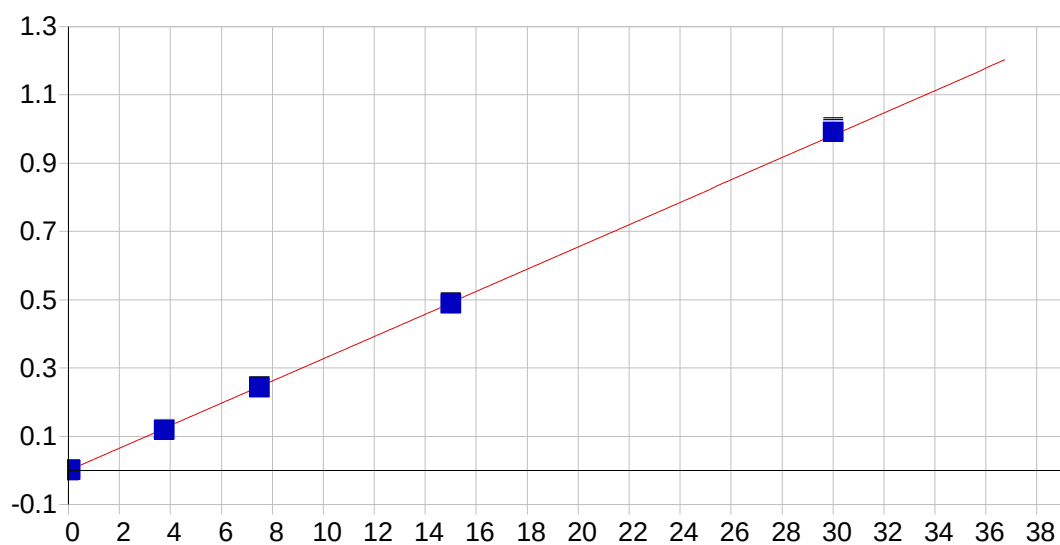
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00013	.001	1
S1	5.0000	5.1419	.142	2.84	.02914	.000	1
S2	37.500	36.876	-.624	-1.66	.20817	.000	1
S3	75.000	74.684	-.316	-.422	.42147	.003	1
S4	150.00	149.39	-.615	-.410	.84290	.023	1
S5	300.00	290.54	-9.46	-3.15	1.6393	.020	1
S6	800.00	810.87	10.9	1.36	4.5747	.019	1



Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.049956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.004588
 Predicted MQL: 0.015293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00010	.000	1
S1	.05000	.05290	.003	5.80	.00274	.000	1
S2	.62500	.63572	.011	1.71	.03083	.000	1
S3	1.2500	1.2853	.035	2.82	.06225	.001	1
S4	2.5000	2.5583	.058	2.33	.12379	.003	1
S5	5.0000	4.8927	-.107	-2.15	.23628	.003	1



Zn 213.856 {158}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000146

Re-Slope: 1.000000

A1 (Gain): 0.032733

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

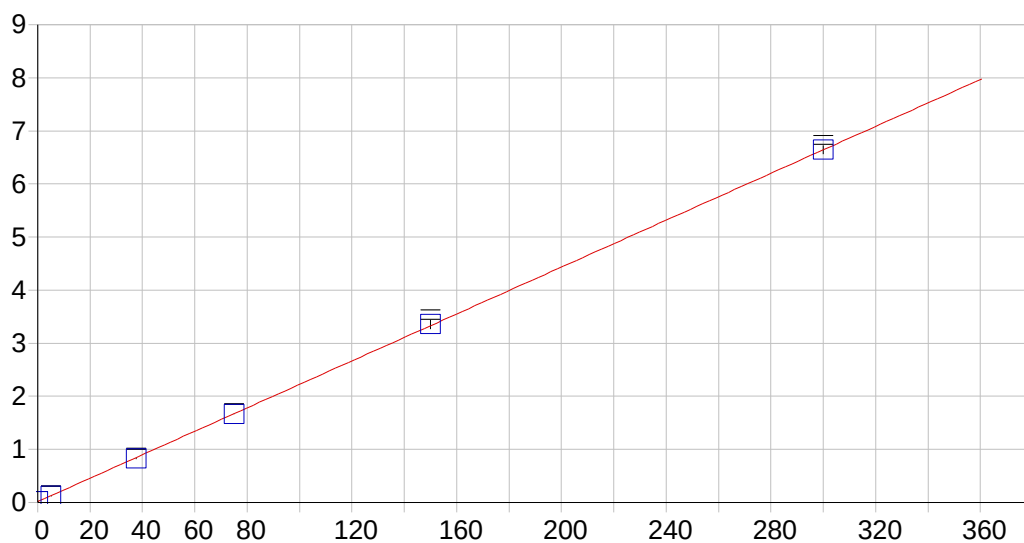
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.008628

Predicted MQL: 0.028759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00015	.000	1
S1	.06000	.04883	-.011	-18.6	.00146	.000	1
S2	3.7500	3.6372	-.113	-3.01	.11949	.001	1
S3	7.5000	7.4079	-.092	-1.23	.24349	.003	1
S4	15.000	14.902	-.098	-.656	.48993	.001	1
S5	30.000	30.314	.314	1.05	.99675	.007	1



K 769.896 { 44}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.016255

Re-Slope: 1.000000

A1 (Gain): 0.022088

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

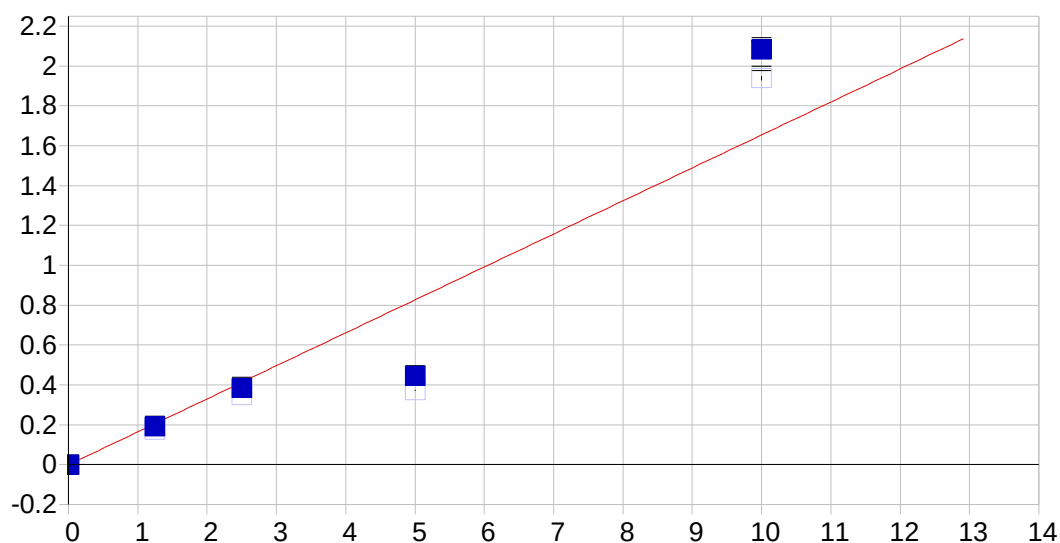
Status: OK.

Std Error of Est: 0.000337

Predicted MDL: 0.054129

Predicted MQL: 0.180429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	.01626	.001	1
S1	5.0000	4.8655	-.134	-2.69	.12372	.001	1
S2	37.500	36.657	-.843	-2.25	.82593	.009	1
S3	75.000	74.790	-.210	-.279	1.6682	.009	1
S4	150.00	151.09	1.09	.725	3.3534	.091	1
S5	300.00	300.10	.100	.033	6.6448	.078	1



P 177.495 {490}

Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000897

Re-Slope: 1.000000

A1 (Gain): 0.165541

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.948270

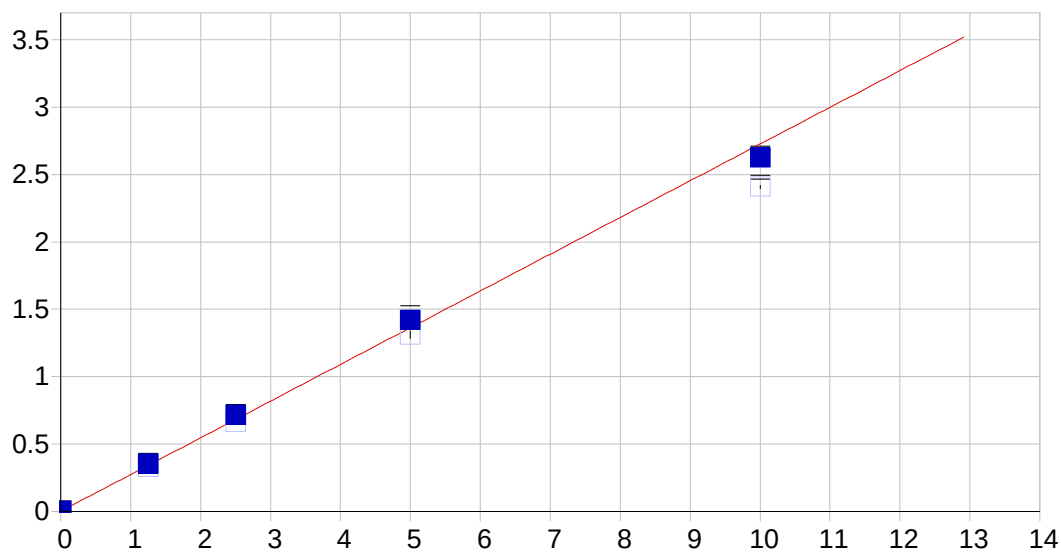
Status: OK.

Std Error of Est: 0.000849

Predicted MDL: 0.000424

Predicted MQL: 0.001413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00090	.000	1
S1	.01000	.00253	-.007	-74.7	-.00059	.000	1
S2	1.2500	1.1605	-.090	-7.16	.17336	.003	1
S3	2.5000	2.3251	-.175	-7.00	.34830	.006	1
S4	5.0000	2.6918	-2.31	-46.2	.37332	.003	1
S5	10.000	12.580	2.58	25.8	1.9389	.012	1

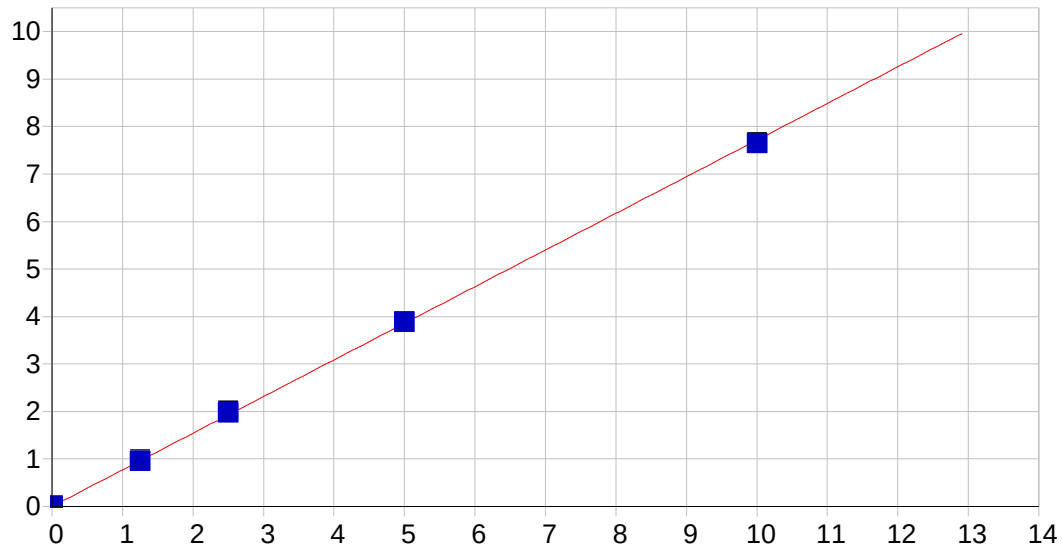


B 249.678 {135}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001561 Re-Slope: 1.000000
 A1 (Gain): 0.272485 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999020 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.001135
 Predicted MQL: 0.003785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00156	.000	1
S1	.01000	.00797	-.002	-20.3	.00368	.000	1
S2	1.2500	1.2970	.047	3.76	.32801	.003	1
S3	2.5000	2.6249	.125	5.00	.66284	.005	1
S4	5.0000	5.2072	.207	4.14	1.3125	.032	1
S5	10.000	9.6230	-.377	-3.77	2.4079	.014	1

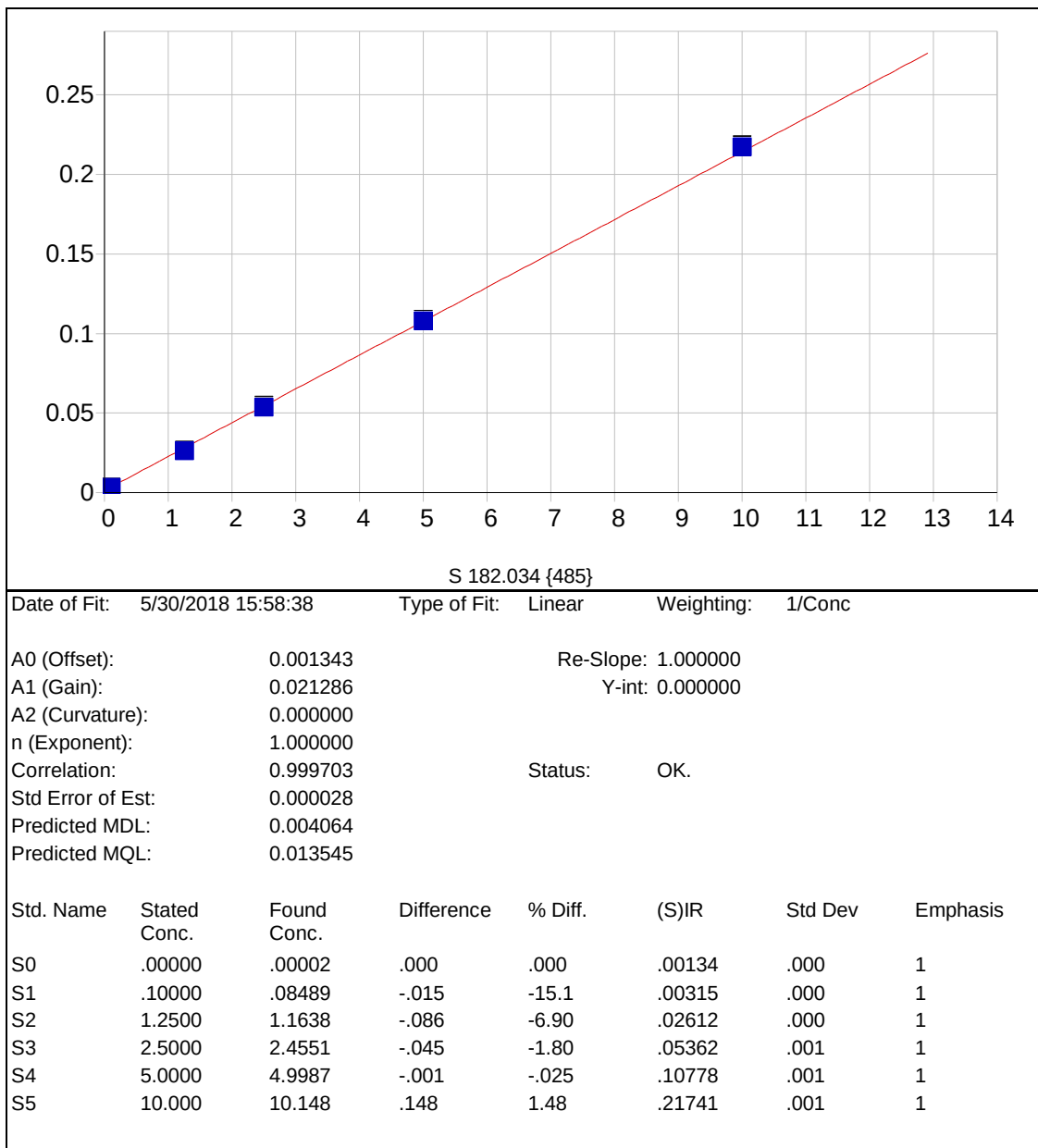


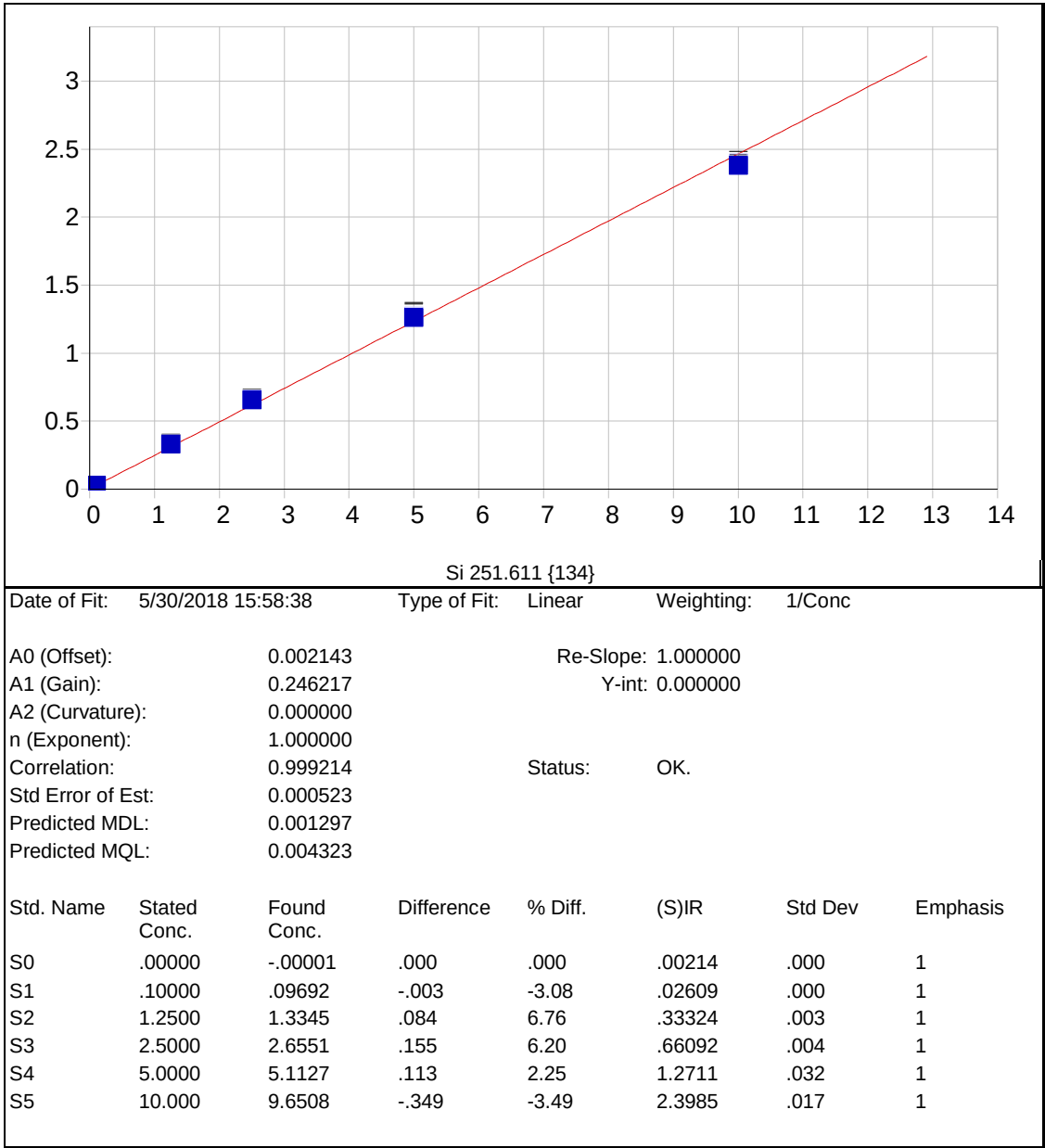
Mo 202.030 {467}

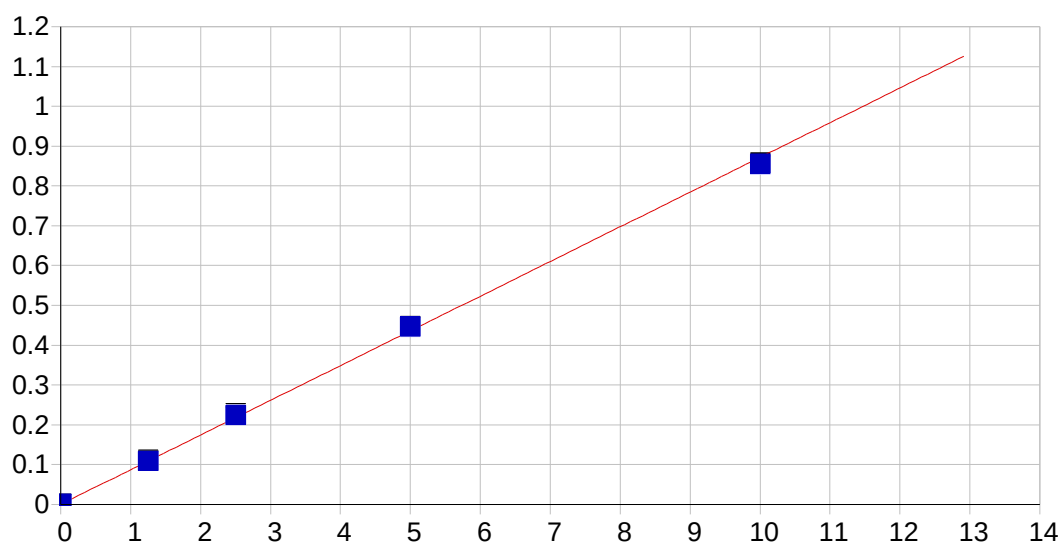
Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000349 Re-Slope: 1.000000
 A1 (Gain): 0.771490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000274
 Predicted MQL: 0.000913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.01000	.01021	.000	2.09	.00822	.000	1
S2	1.2500	1.2478	-.002	-.178	.96295	.018	1
S3	2.5000	2.5546	.055	2.18	1.9711	.038	1
S4	5.0000	5.0306	.031	.611	3.8812	.016	1
S5	10.000	9.9169	-.083	-.831	7.6508	.002	1





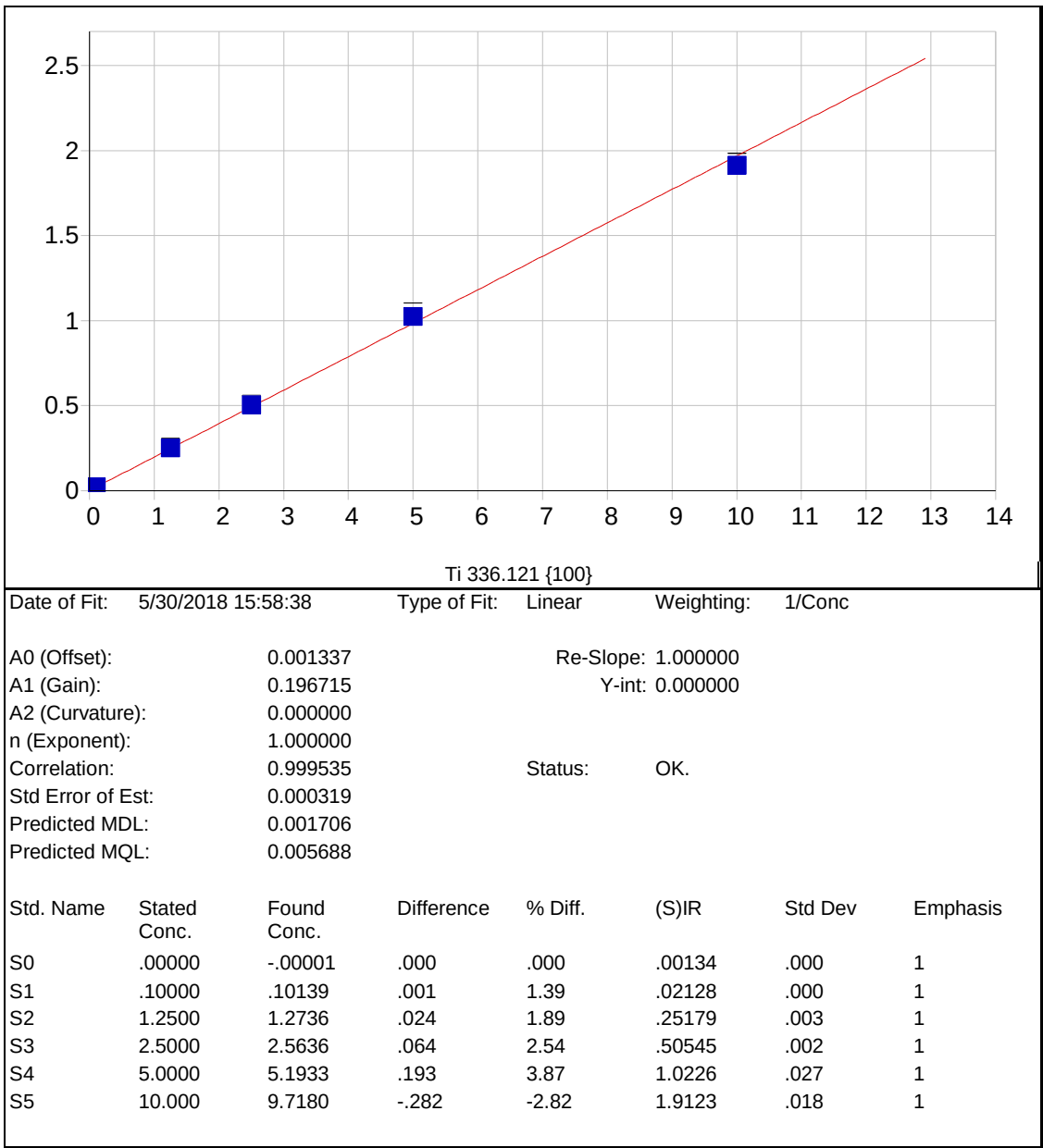


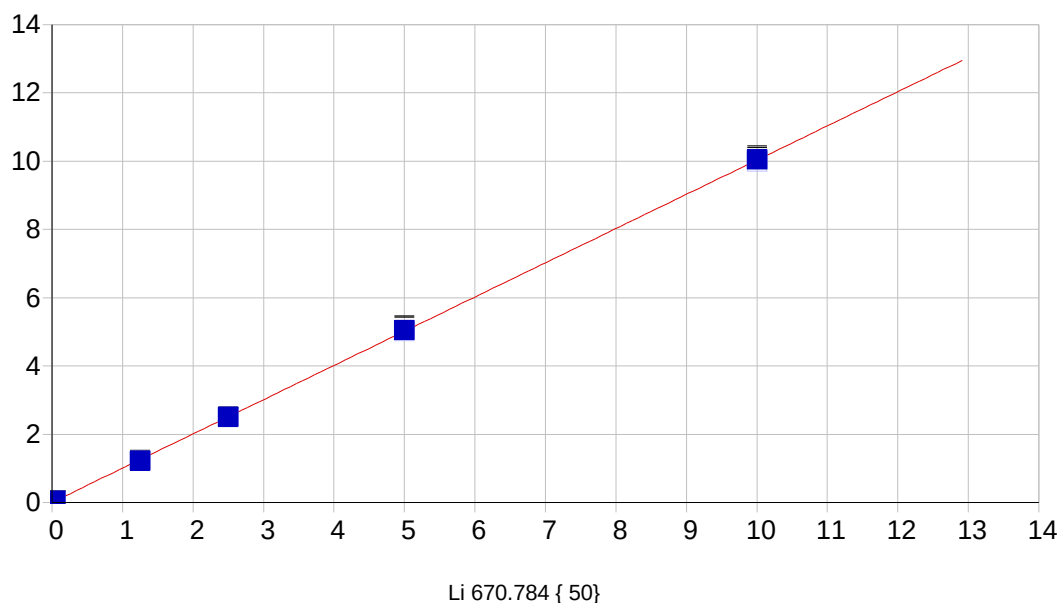
Sn 189.989 {478}

Date of Fit: 5/30/2018 15:58:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.087160 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000990
 Predicted MQL: 0.003299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00645	-.001	-7.87	.00071	.000	1
S2	1.2500	1.2504	.000	.029	.10891	.002	1
S3	2.5000	2.5720	.072	2.88	.22387	.004	1
S4	5.0000	5.1161	.116	2.32	.44513	.002	1
S5	10.000	9.8121	-.188	-1.88	.85347	.003	1





Date of Fit: 5/30/2018 15:58:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004068

Re-Slope: 1.000000

A1 (Gain): 1.002792

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

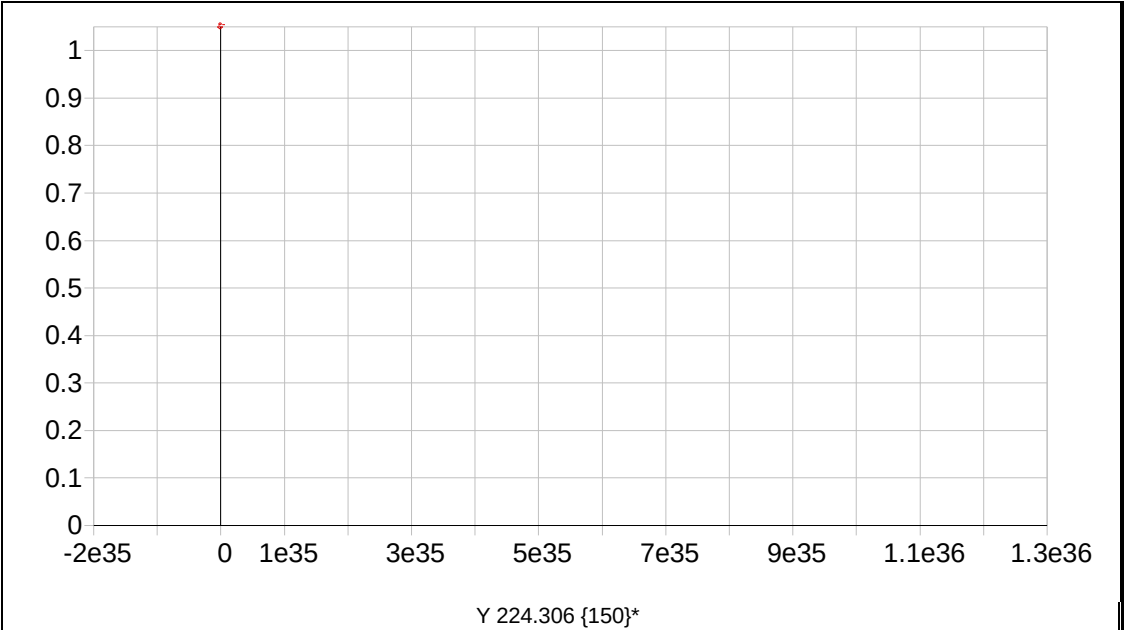
Status: OK.

Std Error of Est: 0.000271

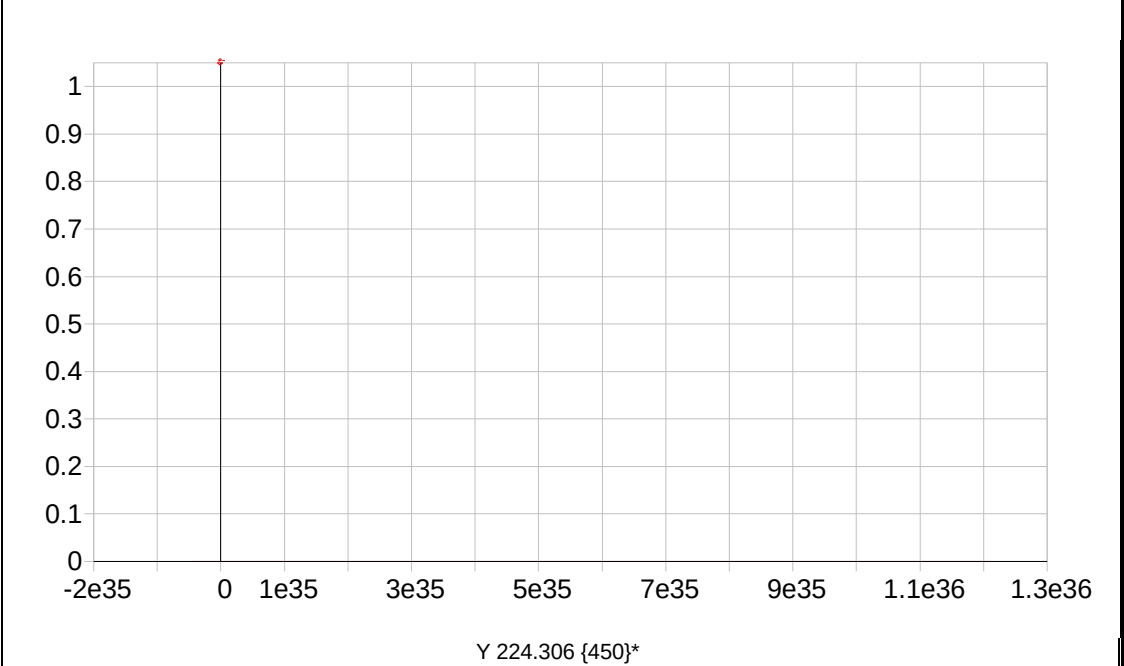
Predicted MDL: 0.001370

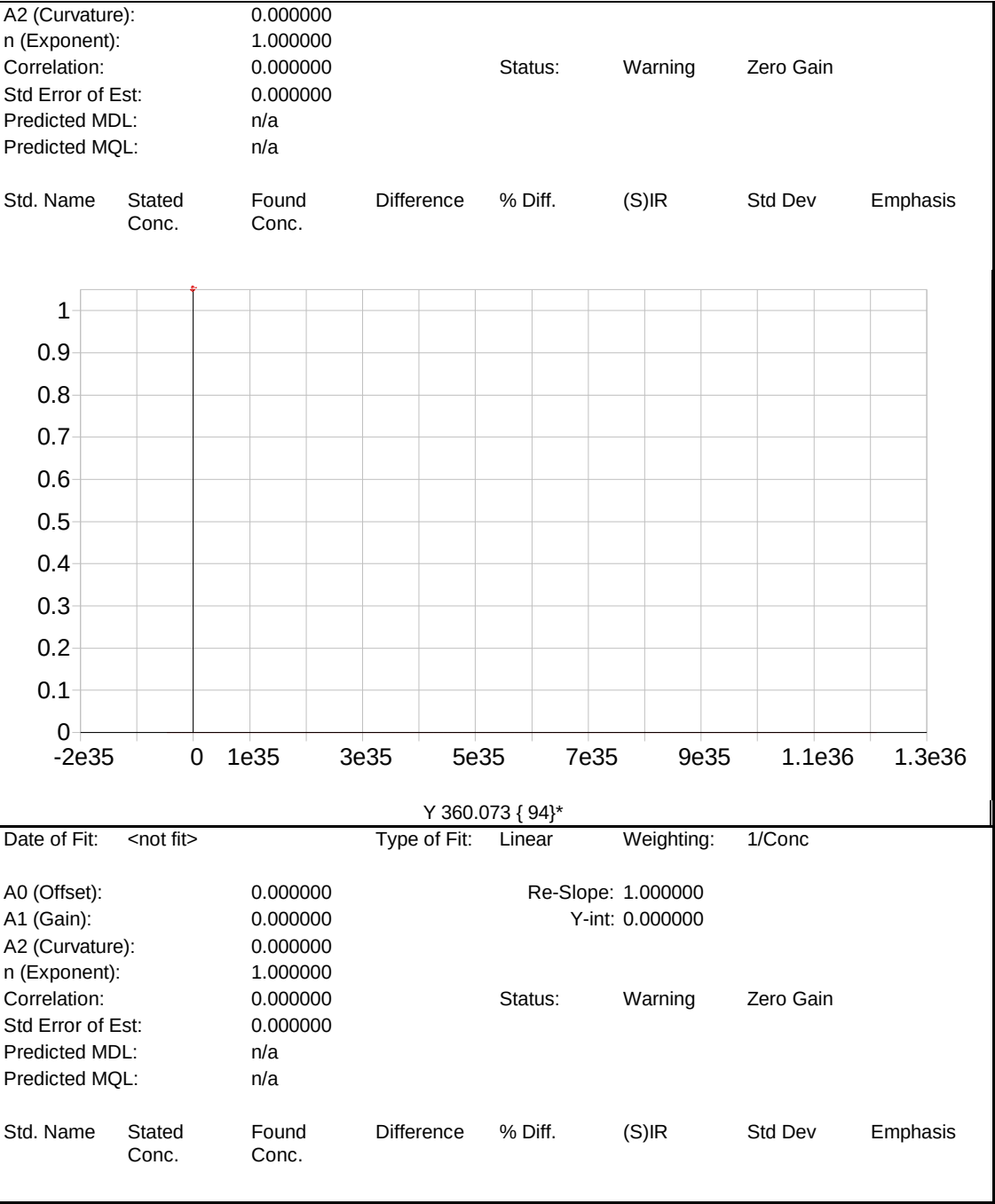
Predicted MQL: 0.004567

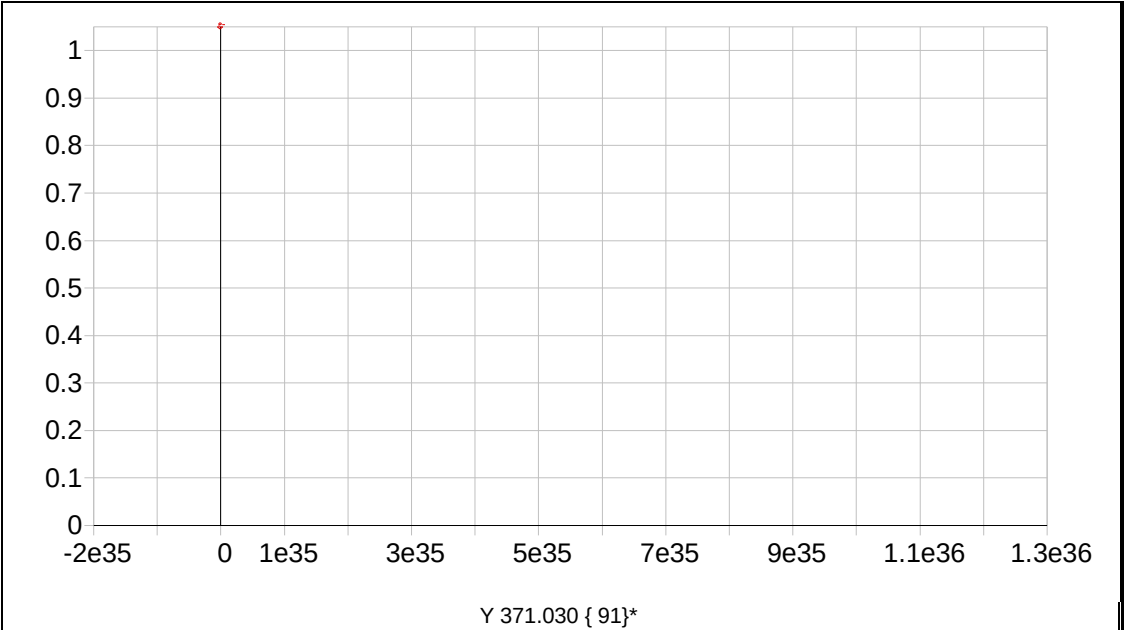
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00407	.001	1
S5	10.000	10.011	.011	.112	9.9868	.123	1
S4	5.0000	5.0281	.028	.562	5.0180	.123	1
S3	2.5000	2.4919	-.008	-.324	2.4888	.010	1
S2	1.2500	1.2213	-.029	-2.30	1.2217	.010	1
S1	.05000	.04760	-.002	-4.80	.05170	.002	1



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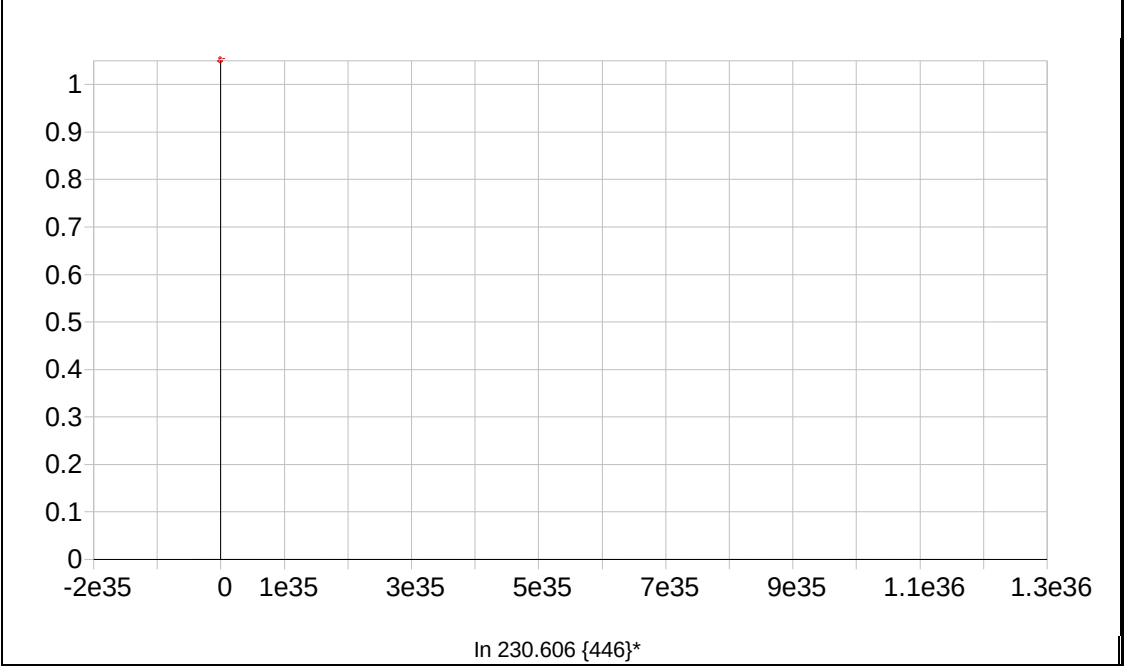




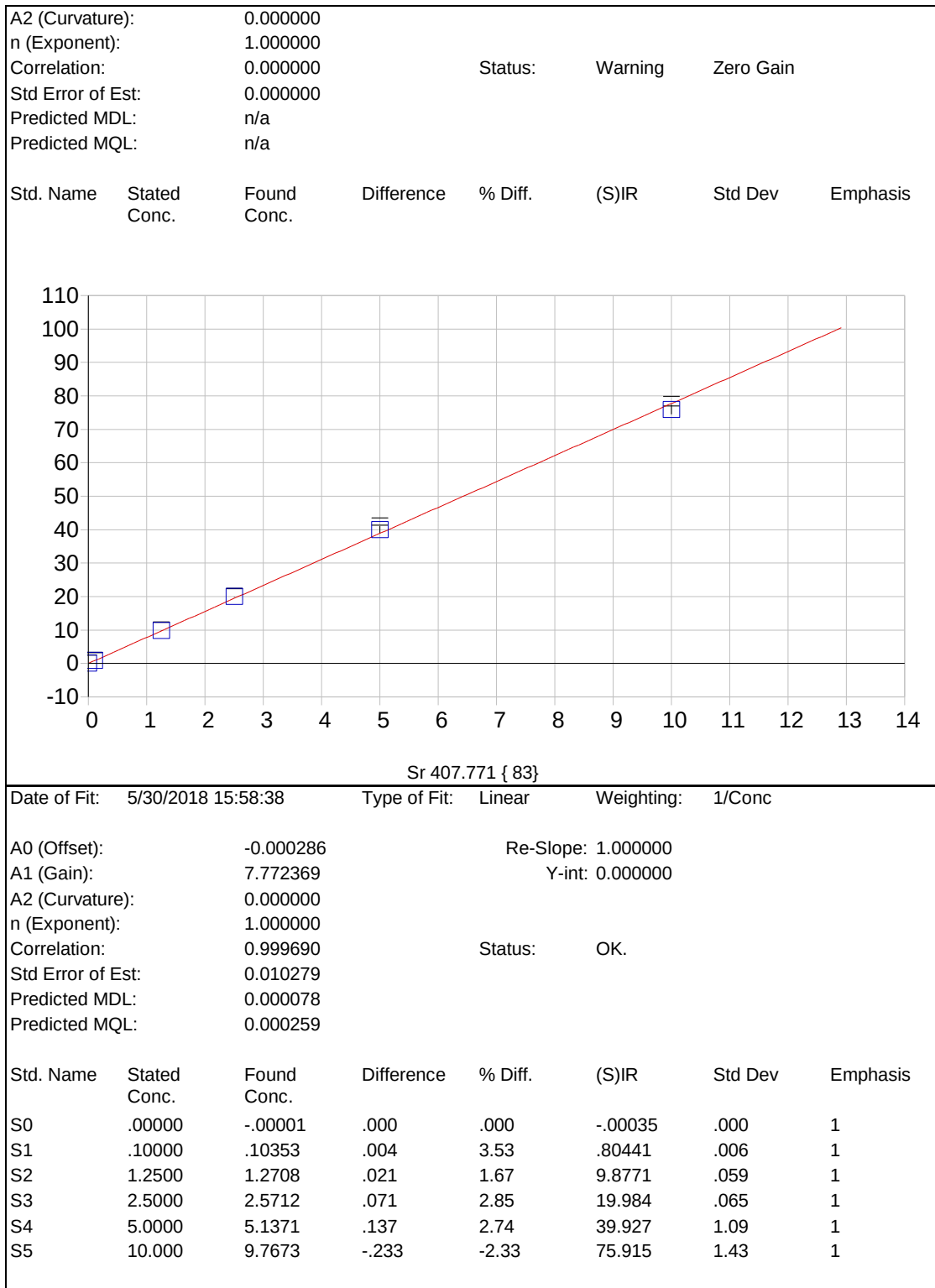


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 5/30/2018 13:54:45 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	-.00035	-.00030	-.00006	.00036	.00046	.00104	-.00513	-.00193
Stddev	.00009	.00016	.00025	.00023	.00031	.00025	.00121	.00012
%RSD	24.123	51.172	447.21	61.966	66.999	23.760	23.509	6.0820

#1	-.00045	-.00042	.00004	.00027	.00014	.00133	-.00467	-.00206
#2	-.00032	-.00036	-.00034	.00020	.00048	.00093	-.00650	-.00183
#3	-.00029	-.00013	.00013	.00062	.00075	.00087	-.00422	-.00190

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	.00052	.00085	.00003	-.00033	.00068	.00013	-.00008	-.00018
Stddev	.00012	.00018	.00004	.00003	.00023	.00017	.00017	.00019
%RSD	22.515	20.857	116.89	9.9066	34.439	133.06	221.20	102.47

#1	.00051	.00073	.00003	-.00032	.00073	.00026	.00009	.00001
#2	.00064	.00077	.00007	-.00030	.00043	.00018	-.00025	-.00037
#3	.00041	.00106	-.00001	-.00036	.00089	-.00006	-.00006	-.00019

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	-.00181	-.00074	.00013	.00010	-.00015	.01626	-.00090	.00156
Stddev	.00014	.00006	.00112	.00006	.00010	.00063	.00001	.00033
%RSD	7.6350	8.5453	832.14	53.977	65.954	3.8717	1.0351	20.909

#1	-.00197	-.00068	-.00040	.00011	-.00024	.01561	-.00091	.00146
#2	-.00174	-.00075	.00142	.00005	-.00015	.01629	-.00089	.00129
#3	-.00172	-.00080	-.00062	.00016	-.00005	.01687	-.00089	.00193

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	.00035	.00134	.00214	.00017	.00134	.00407	-.00035	
Stddev	.00016	.00002	.00022	.00002	.00021	.00076	.00011	
%RSD	46.070	1.8530	10.088	9.4559	15.361	18.600	31.740	

#1	.00052	.00132	.00217	.00017	.00149	.00338	-.00022	
#2	.00021	.00137	.00234	.00019	.00110	.00395	-.00040	
#3	.00031	.00134	.00191	.00016	.00142	.00488	-.00043	

Sample Name: S0 Acquired: 5/30/2018 13:54:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	2539.6	2643.7	65555.	8001.3	4429.2
Stddev	9.8	53.0	270.	47.9	76.4
%RSD	.38699	2.0047	.41206	.59840	1.7244
#1	2547.6	2582.9	65843.	7999.0	4341.5
#2	2528.7	2680.3	65308.	7954.6	4480.9
#3	2542.6	2667.9	65514.	8050.2	4465.3

Sample Name: S1 Acquired: 5/30/2018 13:58:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.00007	.00095	.00104	.00222	.00980	.01312	.59646	.02093
Stddev	.00014	.00007	.00007	.00023	.00005	.00021	.00242	.00023
%RSD	211.57	7.5143	6.5069	10.352	.55669	1.6182	.40566	1.1011

#1	.00005	.00092	.00104	.00209	.00974	.01299	.59851	.02099
#2	.00021	.00090	.00111	.00248	.00983	.01337	.59706	.02112
#3	-.00007	.00103	.00097	.00209	.00985	.01301	.59379	.02067

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	.01110	.12648	.00129	.02950	.00264	.00120	.00180	.02029
Stddev	.00016	.00128	.00001	.00041	.00006	.00010	.00010	.00068
%RSD	1.4544	1.0122	.75059	1.3878	2.4173	8.4586	5.6347	3.3690

#1	.01122	.12575	.00129	.02963	.00270	.00118	.00192	.01971
#2	.01117	.12796	.00131	.02982	.00257	.00110	.00176	.02104
#3	.01092	.12573	.00129	.02904	.00265	.00130	.00173	.02010

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	.01813	.00062	.02914	.00274	.00146	.12372	-.00059	.00368
Stddev	.00016	.00005	.00036	.00008	.00016	.00074	.00002	.00031
%RSD	.87098	8.1695	1.2441	2.9268	10.863	.59523	3.4802	8.3400

#1	.01810	.00065	.02873	.00280	.00129	.12339	-.00059	.00399
#2	.01830	.00064	.02943	.00278	.00160	.12457	-.00057	.00366
#3	.01799	.00056	.02927	.00265	.00150	.12321	-.00061	.00338

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	.00822	.00315	.02609	.00071	.02128	.05170	.80441	
Stddev	.00021	.00003	.00029	.00005	.00005	.00163	.00568	
%RSD	2.5537	1.0125	1.1087	6.9462	.23110	3.1586	.70589	

#1	.00798	.00312	.02589	.00074	.02133	.05043	.80589	
#2	.00838	.00318	.02642	.00065	.02123	.05354	.80920	
#3	.00831	.00315	.02597	.00074	.02127	.05112	.79814	

Sample Name: S1 Acquired: 5/30/2018 13:58:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	2581.2	2725.0	66159.	8090.3	4529.0
Stddev	1.5	17.8	340.	65.6	33.8
%RSD	.05719	.65238	.51429	.81141	.74616
#1	2579.8	2709.8	66186.	8107.8	4494.0
#2	2580.9	2720.5	66484.	8017.7	4531.7
#3	2582.8	2744.5	65806.	8145.5	4561.4

Sample Name: S2 Acquired: 5/30/2018 14:03:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.03576	.06511	.79268	.07010	.19268	2.3947	7.3315	.56253
Stddev	.00055	.00111	.01353	.00098	.00371	.0210	.0536	.00496
%RSD	1.5395	1.6984	1.7065	1.3936	1.9233	.87759	.73117	.88088

#1	.03624	.06588	.80383	.07089	.19549	2.4136	7.3896	.55909
#2	.03516	.06384	.77763	.06901	.18848	2.3721	7.2840	.56030
#3	.03589	.06559	.79658	.07040	.19407	2.3984	7.3209	.56821

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	1.3532	1.4996	.47478	.38265	.31089	.38060	.44075	.24872
Stddev	.0214	.0160	.00064	.00629	.00145	.00515	.00557	.00363
%RSD	1.5805	1.0656	.13455	1.6449	.46529	1.3540	1.2636	1.4594

#1	1.3706	1.5072	.47407	.38791	.31209	.38472	.44413	.25164
#2	1.3293	1.4812	.47499	.37568	.30928	.37482	.43432	.24466
#3	1.3596	1.5102	.47529	.38437	.31131	.38226	.44381	.24986

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	.30822	.04424	.20817	.03083	.11949	.82593	.17336	.32801
Stddev	.00569	.00035	.00031	.00032	.00051	.00883	.00271	.00319
%RSD	1.8452	.78216	.15111	1.0449	.42963	1.0695	1.5656	.97208

#1	.31275	.04393	.20805	.03118	.11948	.83509	.17514	.32577
#2	.30184	.04419	.20853	.03054	.11898	.81746	.17024	.32659
#3	.31008	.04461	.20793	.03077	.12000	.82526	.17471	.33166

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	.96295	.02612	.33324	.10891	.25179	1.2217	9.8771	
Stddev	.01782	.00033	.00278	.00200	.00294	.0100	.0587	
%RSD	1.8510	1.2551	.83293	1.8396	1.1690	.81840	.59389	

#1	.97745	.02631	.33220	.11046	.25387	1.2324	9.9399	
#2	.94305	.02575	.33113	.10665	.24842	1.2126	9.8237	
#3	.96835	.02632	.33638	.10963	.25307	1.2200	9.8677	

Sample Name: S2 Acquired: 5/30/2018 14:03:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	2478.8	2600.8	64008.	8066.1	4109.0
Stddev	10.0	41.4	155.	31.9	59.6
%RSD	.40304	1.5931	.24264	.39576	1.4503
#1	2471.4	2567.8	64064.	8051.0	4063.2
#2	2474.8	2647.3	63832.	8102.7	4176.4
#3	2490.1	2587.3	64126.	8044.5	4087.5

Sample Name: S3 Acquired: 5/30/2018 14:06:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.07384	.13172	1.6196	.14316	.39651	4.8575	14.913	1.1254
Stddev	.00118	.00243	.0335	.00229	.00723	.0236	.071	.0096
%RSD	1.5997	1.8441	2.0709	1.5998	1.8239	.48521	.47625	.85353

#1	.07505	.13434	1.6583	.14580	.40484	4.8623	14.989	1.1257
#2	.07269	.12954	1.5981	.14190	.39288	4.8784	14.902	1.1349
#3	.07377	.13128	1.6026	.14177	.39181	4.8320	14.849	1.1157

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	2.7579	3.0224	.94006	.78413	.62419	.75898	.87716	.50532
Stddev	.0611	.0302	.00398	.01668	.00169	.00569	.00884	.00543
%RSD	2.2166	1.0000	.42303	2.1276	.27132	.74966	1.0077	1.0749

#1	2.8283	3.0156	.93549	.80334	.62366	.75694	.87064	.50400
#2	2.7175	3.0554	.94269	.77326	.62608	.76541	.88722	.51128
#3	2.7281	2.9961	.94201	.77580	.62281	.75460	.87362	.50066

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	.62838	.09153	.42147	.06225	.24349	1.6682	.34830	.66284
Stddev	.01287	.00064	.00334	.00061	.00269	.0092	.00603	.00534
%RSD	2.0487	.70231	.79278	.97732	1.1049	.55181	1.7312	.80516

#1	.64316	.09089	.41971	.06249	.24082	1.6718	.35521	.66417
#2	.61958	.09154	.42532	.06271	.24344	1.6751	.34408	.66739
#3	.62241	.09217	.41937	.06156	.24620	1.6578	.34562	.65697

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	1.9711	.05362	.66092	.22387	.50545	2.4888	19.984	
Stddev	.0383	.00111	.00403	.00428	.00246	.0104	.065	
%RSD	1.9438	2.0702	.61050	1.9128	.48704	.41796	.32287	

#1	2.0151	.05490	.66126	.22878	.50712	2.4989	20.048	
#2	1.9450	.05298	.66477	.22096	.50661	2.4894	19.986	
#3	1.9532	.05298	.65672	.22185	.50262	2.4782	19.919	

Sample Name: S3 Acquired: 5/30/2018 14:06:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	2391.5	2466.5	62354.	7943.6	3839.6
Stddev	11.0	56.5	220.	89.0	92.2
%RSD	.46002	2.2896	.35304	1.1208	2.4013
#1	2404.1	2401.5	62608.	7904.2	3733.4
#2	2386.6	2503.5	62215.	7881.0	3899.2
#3	2383.8	2494.5	62240.	8045.5	3886.3

Sample Name: S4 Acquired: 5/30/2018 14:10:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.14743	.25010	3.1662	.28126	.78923	9.8817	29.831	2.2007
Stddev	.00056	.00200	.0100	.00163	.00254	.2491	.753	.0517
%RSD	.38043	.80166	.31495	.57806	.32153	2.5211	2.5246	2.3505

#1	.14685	.24853	3.1549	.28023	.78695	10.169	30.700	2.2593
#2	.14797	.25236	3.1740	.28040	.79197	9.7432	29.419	2.1814
#3	.14748	.24940	3.1696	.28313	.78878	9.7326	29.373	2.1614

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	5.3440	6.0644	1.8151	1.5333	1.2503	1.4911	1.7320	1.0192
Stddev	.0220	.1579	.0013	.0021	.0337	.0372	.0402	.0222
%RSD	.41093	2.6042	.07061	.13484	2.6940	2.4942	2.3188	2.1822

#1	5.3206	6.2465	1.8141	1.5316	1.2891	1.5340	1.7784	1.0449
#2	5.3642	5.9823	1.8165	1.5356	1.2332	1.4721	1.7095	1.0070
#3	5.3473	5.9644	1.8147	1.5328	1.2287	1.4673	1.7081	1.0057

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	1.2205	.19460	.84290	.12379	.48993	3.3534	.37332	1.3125
Stddev	.0041	.00128	.02256	.00327	.00118	.0909	.00261	.0318
%RSD	.33927	.65724	2.6769	2.6453	.24157	2.7090	.69816	2.4191

#1	1.2160	.19518	.86892	.12757	.48978	3.4583	.37054	1.3485
#2	1.2242	.19549	.82876	.12179	.48884	3.2988	.37570	1.3006
#3	1.2213	.19314	.83101	.12201	.49119	3.3032	.37372	1.2885

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.8812	.10778	1.2711	.44513	1.0226	5.0180	39.927	
Stddev	.0157	.00093	.0325	.00150	.0269	.1226	1.087	
%RSD	.40502	.86006	2.5526	.33717	2.6343	2.4421	2.7236	

#1	3.8631	.10672	1.3073	.44375	1.0537	5.1594	41.182	
#2	3.8909	.10844	1.2614	.44672	1.0081	4.9524	39.330	
#3	3.8897	.10818	1.2446	.44491	1.0060	4.9422	39.268	

Sample Name: S4 Acquired: 5/30/2018 14:10:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	2264.8	2344.0	60423.	7674.8	3609.0
Stddev	6.9	2.8	253.	193.2	7.6
%RSD	.30407	.11905	.41858	2.5172	.21012
#1	2260.2	2347.1	60140.	7453.1	3613.8
#2	2272.7	2341.7	60502.	7763.9	3600.3
#3	2261.6	2343.1	60627.	7807.3	3612.9

Sample Name: S5 Acquired: 5/30/2018 14:14:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.30241	.47539	6.2306	.56681	1.6235	19.519	57.214	4.2733
Stddev	.00025	.00219	.0176	.00182	.0019	.216	.510	.0269
%RSD	.08111	.46003	.28274	.32056	.11382	1.1056	.89100	.63016

#1	.30265	.47720	6.2242	.56741	1.6215	19.335	56.911	4.2720
#2	.30216	.47296	6.2170	.56477	1.6237	19.757	57.802	4.3009
#3	.30244	.47601	6.2505	.56825	1.6252	19.465	56.928	4.2471

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	10.377	11.718	3.4409	2.9983	2.4001	2.8425	3.3127	2.0150
Stddev	.036	.118	.0084	.0096	.0237	.0176	.0266	.0169
%RSD	.34610	1.0035	.24345	.32044	.98590	.61773	.80142	.83668

#1	10.374	11.608	3.4471	2.9976	2.3833	2.8262	3.2872	2.0009
#2	10.343	11.842	3.4314	2.9891	2.4272	2.8611	3.3402	2.0337
#3	10.415	11.703	3.4443	3.0083	2.3898	2.8402	3.3106	2.0104

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	2.3633	.34495	1.6393	.23628	.99675	6.6448	1.9389	2.4079
Stddev	.0095	.00114	.0195	.00299	.00710	.0783	.0117	.0142
%RSD	.40193	.32921	1.1896	1.2666	.71223	1.1784	.60183	.58847

#1	2.3574	.34626	1.6213	.23374	.98876	6.5848	1.9473	2.4101
#2	2.3582	.34431	1.6600	.23958	.99917	6.7334	1.9256	2.4208
#3	2.3742	.34427	1.6364	.23553	1.0023	6.6164	1.9438	2.3927

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.6508	.21741	2.3985	.85347	1.9123	9.9868	75.915	
Stddev	.0021	.00099	.0165	.00329	.0181	.1230	1.432	
%RSD	.02687	.45742	.68876	.38532	.94906	1.2314	1.8858	

#1	7.6527	.21821	2.4013	.85236	1.8949	9.8772	74.470	
#2	7.6486	.21630	2.4134	.85087	1.9311	10.120	77.333	
#3	7.6511	.21773	2.3808	.85717	1.9108	9.9634	75.941	

Sample Name: S5 Acquired: 5/30/2018 14:14:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	2146.1	2162.6	58520.	7648.4	3347.5
Stddev	7.9	1.8	67.	64.9	10.4
%RSD	.36862	.08271	.11430	.84840	.30945
#1	2154.7	2160.8	58597.	7674.4	3349.6
#2	2139.2	2164.4	58482.	7574.5	3356.6
#3	2144.4	2162.7	58480.	7696.2	3336.2

Sample Name: S6 Acquired: 5/30/2018 14:18:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	51.624	19.541	7.5252	3.3008	4.5747
Stddev	.328	.129	.0617	.0268	.0188
%RSD	.63528	.66169	.81966	.81180	.41100

#1	51.363	19.500	7.5254	3.2985	4.5654
#2	51.992	19.687	7.5868	3.3287	4.5963
#3	51.516	19.438	7.4634	3.2753	4.5624

Int. Std.	Y_3710
Units	Cts/S
Avg	7512.8
Stddev	34.9
%RSD	.46494

#1	7539.0
#2	7473.2
#3	7526.4

Sample Name: ICV Acquired: 5/30/2018 14:22:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.9482154	1.085807	.9517195	.9736097	.9305179	2.355924
Stddev	.0348710	.040654	.0319684	.0407237	.0284965	.054592
%RSD	3.677535	3.744119	3.359017	4.182752	3.062431	2.317202

#1	.9091708	1.041793	.9150553	.9270715	.8978240	2.335636
#2	.9762596	1.121949	.9737642	1.002715	.9500861	2.314380
#3	.9592159	1.093678	.9663389	.991042	.9436438	2.417754

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5004816	.5045162	.4906831	10.20490	.5304840	.4865478
Stddev	.0114579	.0078050	.0180560	.26927	.0125615	.0182016
%RSD	2.289376	1.547036	3.679765	2.638676	2.367931	3.740958

#1	.4923260	.4961757	.4702104	10.05353	.5449557	.4658481
#2	.4955373	.5057292	.5043357	10.04537	.5223999	.5000501
#3	.5135815	.5116437	.4975031	10.51579	.5240964	.4937451

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109803	5.347757	.5193064	5.770855	.4990388	.4782086
Stddev	.0140942	.106491	.0135733	.074834	.0174070	.0106299
%RSD	2.758258	1.991323	2.613742	1.296762	3.488098	2.222866

#1	.5033126	5.255445	.5107549	5.713119	.4792445	.4904810
#2	.5023823	5.323561	.5122073	5.744046	.5119594	.4722670
#3	.5272460	5.464264	.5349571	5.855401	.5059126	.4718779

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.791848	.5173915	.9518555	9.544782	F .0136912	F .0068658
Stddev	.268820	.0186873	.0381354	.241931	.0002068	.0003729
%RSD	2.745347	3.611825	4.006424	2.534697	1.510609	5.430929

#1	9.749755	.5103483	.9939170	9.350846	.0136780	.0069993
#2	9.546557	.5032492	.9195362	9.467616	.0134913	.0064446
#3	10.07923	.5385768	.9421135	9.815883	.0139043	.0071536

Sample Name: ICV Acquired: 5/30/2018 14:22:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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 .0001265	-.009400	.0018798	F -.000756	-.000832	.0044727
Stddev	.0001686	.004774	.0009613	.000576	.000863	.0011931
%RSD	133.2476	50.78628	51.14043	76.23288	103.7491	26.67573

#1	.0002239	-.013268	.0016444	-.000676	-.001271	.0031598
#2	-.000068	-.004065	.0029369	-.001368	-.001388	.0047676
#3	.000224	-.010866	.0010580	-.000224	.000163	.0054908

Elem	Sr4077
Units	ppm
Avg	.0116925
Stddev	.0002625
%RSD	2.244993

#1	.0114536
#2	.0116505
#3	.0119735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.155	2723.199	66061.35	8150.876	4500.280
Stddev	74.364	81.858	1582.11	128.799	137.050
%RSD	2.885511	3.005966	2.394914	1.580188	3.045372

#1	2495.928	2816.703	64284.77	8264.574	4655.956
#2	2641.887	2664.468	67318.29	8177.055	4397.813
#3	2593.650	2688.426	66580.99	8010.998	4447.071

Sample Name: ICB Acquired: 5/30/2018 14:26:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0016831	.0014240	.0006259	.0031639	.0006699	.0006071	.0005964
Stddev	.0018874	.0004342	.0005464	.0012919	.0014979	.0020123	.0000925
%RSD	112.1409	30.49140	87.29042	40.83088	223.6161	331.4337	15.50202

#1	.0025196	.0013898	.0001600	.0024081	.0007776	.0011053	.0006687
#2	.0030077	.0010079	.0012272	.0024280	-.000879	-.001607	.0006283
#3	-.000478	.0018743	.0004905	.0046555	.002111	.002324	.0004922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000769	-.000032	.0110320	-.000323	-.000141	.0017447	.0055548
Stddev	.0000702	.000036	.0079418	.000124	.000218	.0018222	.0082018
%RSD	91.26600	111.2387	71.98894	38.41664	154.2087	104.4442	147.6526

#1	.0001469	.000001	.0195359	-.000181	.000011	.0037963	-.001518
#2	.0000771	-.000070	.0038076	-.000411	-.000043	.0011235	.003636
#3	.0000066	-.000027	.0097525	-.000378	-.000390	.0003143	.014546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005259	.0176440	-.000090	-.000251	.1407001	-.000942	-.001090
Stddev	.0006486	.0233593	.000330	.000203	.2510954	.001879	.004984
%RSD	123.3320	132.3927	367.3156	81.13817	178.4614	199.5638	457.3123

#1	.0005534	.0104927	-.000450	-.000481	.2928879	-.003057	-.001911
#2	-.000136	.0437430	.000199	-.000176	.2783305	.000536	-.005612
#3	.001160	-.001304	-.000019	-.000095	-.149118	-.000304	.004254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392224	.0000119	.0005931	.0000169	-.013291	-.001951	-.000556
Stddev	.0127379	.0001195	.0008028	.0002403	.001421	.000172	.001218
%RSD	32.47616	1005.904	135.3671	1422.445	10.69148	8.833461	218.9404

#1	.0401432	.0001032	-.000019	-.000030	-.014086	-.001753	.000519
#2	.0514750	-.000123	.000296	.000277	-.014137	-.002035	-.001879
#3	.0260491	.000056	.001502	-.000196	-.011650	-.002066	-.000308

Sample Name: ICB Acquired: 5/30/2018 14:26:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	-.000309	.0006850	-.000019
Stddev	.000379	.0004778	.000024
%RSD	122.6106	69.75230	127.9042

#1	-.000310	.0005212	-.000018
#2	-.000687	.0012233	-.000044
#3	.000070	.0003107	.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.855	2721.595	67052.12	8112.753	4540.434
Stddev	11.137	8.430	232.49	42.273	6.192
%RSD	.4244436	.3097445	.3467283	.5210698	.1363778

#1	2629.172	2721.220	67206.93	8106.070	4544.169
#2	2631.336	2730.206	67164.64	8074.220	4543.847
#3	2611.056	2713.358	66784.77	8157.970	4533.286

Sample Name: ICSA Acquired: 5/30/2018 14:31:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	-.001016	-.000648	-.005927	-.019981	.0034647	243.7270
Stddev	.005404	.004292	.002279	.000593	.0006528	.3135
%RSD	532.1209	662.0864	38.45900	2.969735	18.84001	.1286312

#1	-.001051	.003873	-.005326	-.019368	.0033842	243.4260
#2	.004406	-.004666	-.004008	-.020552	.0041540	243.7035
#3	-.006401	-.001151	-.008446	-.020023	.0028560	244.0517

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063527	.0010997	-.000594	254.0309	.0509799	.0017048
Stddev	.0006832	.0000997	.000136	1.1221	.0006578	.0005260
%RSD	10.75484	9.068248	22.91278	.4417341	1.290207	30.85406

#1	.0056167	.0010115	-.000618	252.7436	.0516949	.0011001
#2	.0064746	.0010798	-.000716	254.5469	.0508440	.0019584
#3	.0069667	.0012079	-.000447	254.8023	.0504006	.0020560

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006769	103.5494	.0129398	255.5490	.0023795	-.004045
Stddev	.002491	.3891	.0017176	.9062	.0005221	.000206
%RSD	36.79675	.3757882	13.27356	.3545901	21.94335	5.103895

#1	-.005720	103.1143	.0113247	254.5334	.0028277	-.004267
#2	-.009613	103.8640	.0147442	256.2749	.0018062	-.004008
#3	-.004975	103.6699	.0127507	255.8387	.0025045	-.003860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3769832	-.004581	-.016565	-.092336	-.006168	F .0529943
Stddev	.0115303	.003197	.010845	.008669	.000419	.0011340
%RSD	3.058559	69.77439	65.47140	9.388198	6.793339	2.139948

#1	.3748741	-.002600	-.028197	-.082401	-.005687	.0528127
#2	.3894224	-.008269	-.014767	-.096243	-.006453	.0519620
#3	.3666530	-.002875	-.006731	-.098363	-.006364	.0542081

Sample Name: ICSA Acquired: 5/30/2018 14:31:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0015360	.0041339	-.006033	-.004957	-.002189	.0070424
Stddev	.0002117	.0038007	.000565	.002038	.001018	.0009863
%RSD	13.78246	91.93943	9.369998	41.12742	46.50414	14.00570

#1	.0014288	.0055822	-.005773	-.003554	-.003351	.0059388
#2	.0013993	-.000178	-.005645	-.004021	-.001458	.0073507
#3	.0017798	.006998	-.006682	-.007295	-.001757	.0078378

Elem	Sr4077
Units	ppm
Avg	.1027669
Stddev	.0001992
%RSD	.1938289

#1	.1028848
#2	.1028790
#3	.1025369

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.109	2498.855	61477.09	7899.065	3795.492
Stddev	11.955	29.569	420.24	4.210	48.075
%RSD	.5020609	1.183313	.6835636	.0532920	1.266638

#1	2390.912	2465.157	61226.99	7895.227	3740.561
#2	2367.791	2520.469	61242.02	7898.403	3829.898
#3	2384.623	2510.937	61962.26	7903.567	3816.017

Sample Name: ICSAB Acquired: 5/30/2018 14:35:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0905418	.1088444	.0420165	.0286116	.5844963	248.3723
Stddev	.0062842	.0046991	.0003401	.0077721	.0084131	2.5449
%RSD	6.940632	4.317262	.8094522	27.16431	1.439368	1.024625

#1	.0926221	.1055902	.0423599	.0363550	.5862255	245.4392
#2	.0955220	.1067114	.0416798	.0208110	.5919104	249.9939
#3	.0834812	.1142317	.0420097	.0286687	.5753530	249.6839

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5311505	.5197764	1.027730	257.1757	.5864725	.5132531
Stddev	.0049631	.0015843	.012273	3.2225	.0095251	.0062793
%RSD	.9344115	.3048067	1.194140	1.253046	1.624141	1.223426

#1	.5260324	.5180823	1.028488	253.5844	.5927198	.5123125
#2	.5314764	.5200254	1.039606	259.8148	.5911882	.5199496
#3	.5359426	.5212214	1.015096	258.1278	.5755094	.5074972

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5156491	104.8962	.5401469	259.0658	1.027050	.1969824
Stddev	.0042902	1.4659	.0082829	3.5363	.013378	.0023161
%RSD	.8320054	1.397512	1.533451	1.365027	1.302525	1.175770

#1	.5107411	103.2944	.5308859	255.3534	1.024699	.1985130
#2	.5186859	106.1710	.5468467	262.3947	1.041447	.1981162
#3	.5175204	105.2233	.5427081	259.4493	1.015004	.1943178

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3984726	.5267692	1.026482	-.129948	.0067120	F .0544156
Stddev	.1078362	.0098182	.028026	.037928	.0005939	.0041087
%RSD	27.06238	1.863845	2.730282	29.18716	8.849096	7.550575

#1	.3774042	.5174839	1.027350	-.171453	.0061558	.0497212
#2	.5152883	.5257787	1.054063	-.097089	.0073376	.0573572
#3	.3027255	.5370451	.998032	-.121304	.0066427	.0561684

Sample Name: ICSAB Acquired: 5/30/2018 14:35:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0014747	.0088314	-.006295	-.005305	-.004783	.0057861
Stddev	.0003863	.0041315	.001194	.002158	.002009	.0011420
%RSD	26.19869	46.78158	18.97315	40.68491	42.00117	19.73637

#1	.0018344	.0063176	-.005464	-.005243	-.002465	.0049661
#2	.0015234	.0065769	-.005757	-.003179	-.005864	.0070904
#3	.0010663	.0135996	-.007663	-.007494	-.006020	.0053018

Elem	Sr4077
Units	ppm
Avg	.1048854
Stddev	.0008633
%RSD	.8230690

#1	.1039961
#2	.1049402
#3	.1057200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.772	2511.378	61429.92	7900.429	3828.354
Stddev	32.049	31.468	648.13	67.191	39.495
%RSD	1.347853	1.253018	1.055076	.8504769	1.031644

#1	2364.954	2505.616	61056.63	7977.929	3824.779
#2	2354.117	2483.189	61054.81	7864.833	3790.769
#3	2414.246	2545.328	62178.32	7858.525	3869.515

Sample Name: CCV089 Acquired: 5/30/2018 14:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037071	4.938283	24.87985	4.890667	4.983759	427.4000
Stddev	.164045	.151972	.79142	.163465	.180174	2.9557
%RSD	3.256757	3.077416	3.180954	3.342392	3.615225	.6915431

#1	5.162852	5.068359	25.45022	5.010169	5.111884	429.1823
#2	5.096839	4.975253	25.21301	4.957449	5.061649	423.9883
#3	4.851521	4.771237	23.97632	4.704384	4.777743	429.0295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20495	.5227918	2.510786	423.3813	15.62562	2.528829
Stddev	.03896	.0179748	.076921	4.8972	.15260	.077324
%RSD	.3817507	3.438230	3.063637	1.156679	.9765808	3.057713

#1	10.20352	.5432800	2.569781	427.7198	15.53198	2.588071
#2	10.16672	.5096723	2.538791	418.0711	15.80170	2.557059
#3	10.24460	.5154233	2.423785	424.3530	15.54317	2.441356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20858	431.7294	15.06596	425.4015	2.528014	1.250971
Stddev	.08929	5.2375	.20757	5.6088	.082885	.016262
%RSD	.5871308	1.213140	1.377742	1.318474	3.278658	1.299914

#1	15.24659	436.0486	15.24431	430.4442	2.593451	1.241193
#2	15.10657	425.9038	14.83812	419.3606	2.555780	1.269742
#3	15.27258	433.2359	15.11545	426.3997	2.434811	1.241977

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	423.3950	2.521190	15.26552	155.3878	F 6.442946	5.208462
Stddev	2.5793	.045634	.35318	1.0103	.193523	.154100
%RSD	.6091999	1.810004	2.313558	.6501781	3.003641	2.958655

#1	425.0684	2.558432	14.88344	155.3023	6.592617	5.383103
#2	420.4246	2.470286	15.58004	154.4230	6.511813	5.091608
#3	424.6921	2.534852	15.33308	156.4382	6.224409	5.150675

Sample Name: CCV089 Acquired: 5/30/2018 14:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926400	5.170695	5.095825	4.993897	5.017159	5.123911
Stddev	.161198	.177907	.179498	.171340	.032228	.025218
%RSD	3.272119	3.440685	3.522452	3.430989	.6423483	.4921584

#1	5.054759	5.284255	5.301545	5.123918	5.038560	5.110086
#2	4.978959	5.262170	4.971077	5.058031	4.980093	5.108630
#3	4.745483	4.965662	5.014854	4.799742	5.032823	5.153018

Elem	Sr4077
Units	ppm
Avg	5.108656
Stddev	.027204
%RSD	.5325133

#1	5.117615
#2	5.078102
#3	5.130251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.323	2207.639	56378.73	7288.608	3311.932
Stddev	22.403	68.225	633.10	270.007	98.048
%RSD	1.064090	3.090419	1.122944	3.704503	2.960452

#1	2103.598	2154.680	56560.12	6978.242	3238.050
#2	2083.833	2183.608	55674.73	7469.452	3274.579
#3	2128.538	2284.628	56901.33	7418.129	3423.166

Sample Name: CCB089 Acquired: 5/30/2018 15:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032844	.0014971	.0000929	.0010775	-.000638	-.004062	-.000275
Stddev	.0033084	.0018385	.0011638	.0018394	.000588	.002373	.000080
%RSD	100.7313	122.8039	1252.381	170.7029	92.22418	58.41708	29.09944

#1	.0032868	.0025223	.0006687	-.000152	-.001259	-.002667	-.000275
#2	-.000025	.0025944	-.001247	.000192	-.000089	-.002717	-.000356
#3	.006592	-.000625	.000857	.003192	-.000566	-.006802	-.000195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	-.000010	.0318027	-.000313	.0000397	-.000921	-.012289
Stddev	.000038	.000018	.0087035	.000374	.0000234	.000258	.006408
%RSD	87.90565	174.5281	27.36701	119.7461	58.84755	28.01568	52.14723

#1	-.000039	-.000021	.0223242	-.000034	.0000546	-.001004	-.016206
#2	-.000008	-.000020	.0336494	-.000166	.0000518	-.000632	-.004894
#3	-.000083	.000010	.0394347	-.000738	.0000128	-.001128	-.015768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004556	.0194020	.0003455	.0000652	.0655827	-.005921	-.007011
Stddev	.0005313	.0176753	.0000870	.0000372	.2516093	.005703	.006635
%RSD	116.6013	91.10012	25.18155	57.12835	383.6522	96.32471	94.63663

#1	.0004617	.0397771	.0004422	.0000867	.2338932	.000345	.000529
#2	.0009838	.0102428	.0003205	.0000867	.1865150	-.007298	-.011960
#3	-.000079	.0081861	.0002737	.0000222	-.223660	-.010809	-.009602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218812	.0000694	-.000627	-.000097	-.014152	-.003430	.0002153
Stddev	.0141291	.0001271	.000190	.000041	.002037	.000465	.0001822
%RSD	64.57198	182.9289	30.33201	41.73036	14.39162	13.56210	84.61506

#1	.0357041	.0000182	-.000718	-.000131	-.015819	-.002960	.0000079
#2	.0074646	-.000024	-.000409	-.000108	-.014756	-.003439	.0003496
#3	.0224750	.000214	-.000756	-.000052	-.011882	-.003890	.0002884

Sample Name: CCB089 Acquired: 5/30/2018 15:03:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001161	-.000173	-.000035
Stddev	.003184	.001002	.000031
%RSD	274.2067	579.0932	90.34411

#1	-.001740	.000981	-.000019
#2	.002273	-.000685	-.000070
#3	-.004016	-.000815	-.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.282	2734.776	66566.51	8097.250	4575.812
Stddev	13.822	4.100	45.65	47.658	11.931
%RSD	.5325812	.1499250	.0685760	.5885700	.2607361

#1	2579.337	2738.625	66518.46	8042.690	4587.640
#2	2602.655	2735.238	66609.30	8118.310	4576.014
#3	2603.854	2730.465	66571.76	8130.750	4563.781

Sample Name: PB109743BL Acquired: 5/30/2018 15:07:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017840	.0014533	-.001049	.0027537	-.000383	-.008833	.0004600
Stddev	.0045127	.0006491	.002238	.0009146	.001232	.008338	.0005974
%RSD	252.9490	44.66093	213.3058	33.21367	321.9176	94.39905	129.8472

#1	-.001823	.0007895	-.002112	.0035777	.000976	-.012996	.0011176
#2	.000331	.0020865	.001522	.0017696	-.000698	-.014270	.0003117
#3	.006844	.0014840	-.002558	.0029137	-.001427	.000767	-.000049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000037	.0076747	-.000456	-.000178	.0008370	-.010169
Stddev	.000041	.000023	.0052476	.000038	.000091	.0011531	.010791
%RSD	517.2741	61.55032	68.37547	8.302849	51.34000	137.7680	106.1209

#1	-.000013	-.000030	.0096436	-.000414	-.000105	.0002831	.000866
#2	.000035	-.000019	.0017274	-.000466	-.000149	.0021625	-.010674
#3	-.000047	-.000063	.0116531	-.000488	-.000281	.0000654	-.020698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000752	.0303721	-.000037	-.000283	.1512166	-.001578	-.004933
Stddev	.000684	.0267572	.000302	.000482	.1908518	.005932	.007078
%RSD	90.89213	88.09776	823.1060	170.3211	126.2108	375.9554	143.5014

#1	-.001246	.0503883	-.000376	-.000765	-.054739	-.006385	-.008595
#2	.000028	-.000019	.000062	-.000281	.186289	-.003401	.003227
#3	-.001039	.040747	.000203	.000198	.322100	.005052	-.009430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003227	-.000046	-.001427	-.000099	-.016063	-.004239	-.000464
Stddev	.017995	.000198	.000617	.000064	.003004	.000452	.000394
%RSD	557.5497	429.6470	43.27042	64.96931	18.69988	10.66538	85.08478

#1	.016764	.000182	-.000754	-.000122	-.012978	-.004682	-.000307
#2	-.008317	-.000151	-.001558	-.000026	-.018978	-.003779	-.000912
#3	-.018129	-.000170	-.001968	-.000148	-.016232	-.004255	-.000171

Sample Name: PB109743BL Acquired: 5/30/2018 15:07:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000499	-.000102	-.000003
Stddev	.000875	.000724	.000037
%RSD	175.5449	708.3500	1424.499

#1	.000500	-.000939	-.000044
#2	-.001133	.000312	.000006
#3	-.000863	.000320	.000030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.632	2726.209	66704.95	8129.853	4532.606
Stddev	2.701	6.974	89.38	16.812	9.485
%RSD	.1040561	.2558067	.1339972	.2067909	.2092578

#1	2598.746	2724.651	66807.83	8121.770	4531.289
#2	2594.218	2733.829	66646.35	8118.610	4542.680
#3	2593.931	2720.145	66660.67	8149.180	4523.848

Sample Name: PB109760BS Acquired: 5/30/2018 15:11:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208892	.0588427	.0225669	.0780626	.1292863	.4259518
Stddev	.0050223	.0015512	.0013298	.0020268	.0015516	.0031808
%RSD	24.04252	2.636236	5.892819	2.596342	1.200151	.7467473

#1	.0159201	.0604003	.0223059	.0793684	.1282865	.4235301
#2	.0259631	.0572980	.0213869	.0757278	.1284987	.4295541
#3	.0207845	.0588297	.0240078	.0790918	.1310738	.4247712

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4347160	.0111464	.0114645	11.25338	F .0270827	.1063715
Stddev	.0018048	.0001170	.0001293	.11703	.0004292	.0005117
%RSD	.4151739	1.049355	1.127428	1.039946	1.584811	.4810527

#1	.4334970	.0112771	.0113165	11.17151	.0267325	.1057906
#2	.4338616	.0110515	.0115547	11.20121	.0269540	.1065686
#3	.4367894	.0111107	.0115225	11.38742	.0275615	.1067554

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541071	F .2623115	.0372212	10.60139	.0912003	.0208146
Stddev	.0020333	.0196213	.0008734	.11999	.0004289	.0003276
%RSD	3.757984	7.480166	2.346428	1.131872	.4703210	1.573957

#1	.0553585	.2568401	.0374075	10.58693	.0907569	.0210093
#2	.0552019	.2460066	.0362697	10.48928	.0916131	.0204364
#3	.0517610	.2840878	.0379864	10.72795	.0912309	.0209982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61635	.1159756	.1321848	10.38264	F .0052908	F .0201209
Stddev	.08459	.0049432	.0087229	.06806	.0001474	.0006734
%RSD	.7968005	4.262241	6.599031	.6555524	2.786370	3.346722

#1	10.70008	.1114381	.1386633	10.31179	.0051207	.0207757
#2	10.53092	.1212432	.1222664	10.38860	.0053698	.0194303
#3	10.61805	.1152456	.1356247	10.44753	.0053818	.0201568

Sample Name: PB109760BS Acquired: 5/30/2018 15:11:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237134	.1805859	.2097830	F .0165427	.2199516	.1024139
Stddev	.0005586	.0053754	.0008592	.0010305	.0007855	.0024345
%RSD	2.355531	2.976648	.4095524	6.229583	.3571026	2.377148

#1	.0234304	.1767790	.2107751	.0153633	.2190447	.1010333
#2	.0233529	.1867350	.2092925	.0169950	.2204150	.1009835
#3	.0243568	.1782437	.2092815	.0172697	.2203952	.1052249

Elem	Sr4077
Units	ppm
Avg	.2198096
Stddev	.0008371
%RSD	.3808272

#1	.2195865
#2	.2191066
#3	.2207356

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.952	2705.176	65834.56	8120.837	4463.342
Stddev	7.748	8.815	203.46	25.351	12.859
%RSD	.2994845	.3258632	.3090529	.3121732	.2881069

#1	2582.834	2711.920	65937.75	8106.266	4472.662
#2	2582.134	2708.406	65965.76	8150.110	4468.694
#3	2595.889	2695.201	65600.18	8106.135	4448.671

Sample Name: J3080-01 Acquired: 5/30/2018 15:15:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057887	-.000159	.0012033	.0035686	-.001050	.0010101	.0287779
Stddev	.0044316	.000675	.0008721	.0031437	.000314	.0023562	.0005003
%RSD	76.55715	423.6937	72.47639	88.09306	29.91885	233.2552	1.738579

#1	.0051311	.000014	.0017482	.0011452	-.000740	.0034441	.0290895
#2	.0017226	.000412	.0016641	.0024397	-.001044	.0008460	.0290434
#3	.0105124	-.000903	.0001974	.0071208	-.001368	-.001260	.0282008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000537	-.000068	11.35376	.0028954	-.000556	-.002453	-.006261
Stddev	.0000692	.000061	.18433	.0001512	.000252	.004374	.004329
%RSD	128.6542	90.22607	1.623545	5.222175	45.31940	178.2852	69.14272

#1	.0000097	-.000001	11.51644	.0030646	-.000379	-.007430	-.001635
#2	.0001335	-.000080	11.39128	.0028482	-.000844	.000781	-.010214
#3	.0000181	-.000121	11.15355	.0027734	-.000444	-.000711	-.006933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021324	.1496736	.0002039	-.000458	151.9514	.0026675	.0049270
Stddev	.0002475	.0206735	.0004937	.000139	1.8173	.0009671	.0038640
%RSD	11.60738	13.81237	242.1536	30.25162	1.195957	36.25574	78.42511

#1	.0018498	.1730500	.0004207	-.000386	153.3508	.0023057	.0093849
#2	.0023107	.1421746	-.000361	-.000618	152.6059	.0037634	.0028577
#3	.0022367	.1337962	.000552	-.000370	149.8976	.0019335	.0025384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3874434	.0008008	.5706116	.0098971	43.34387	6.952546	-.001473
Stddev	.0599189	.0004466	.0040431	.0002860	.50886	.064457	.001132
%RSD	15.46519	55.77524	.7085637	2.890274	1.174004	.9270932	76.85726

#1	.4086993	.0012921	.5728572	.0101885	43.07233	6.999226	-.002251
#2	.4338366	.0004194	.5730335	.0096167	43.02837	6.979409	-.000174
#3	.3197943	.0006908	.5659440	.0098861	43.93090	6.879003	-.001993

Sample Name: J3080-01 Acquired: 5/30/2018 15:15:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000465	.0410635	.1716713
Stddev	.002148	.0010491	.0025832
%RSD	461.6305	2.554752	1.504751

#1	-.000637	.0404867	.1739112
#2	.001764	.0422744	.1722573
#3	-.002523	.0404294	.1688454

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.534	2789.488	67493.59	8258.213	4493.303
Stddev	9.731	27.748	113.63	103.607	40.536
%RSD	.3628889	.9947474	.1683498	1.254589	.9021419

#1	2683.064	2795.576	67552.33	8150.030	4508.485
#2	2690.410	2813.687	67565.81	8268.070	4524.057
#3	2671.129	2759.201	67362.61	8356.539	4447.368

Sample Name: J3080-02 Acquired: 5/30/2018 15:19:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036836	.0003810	.0025267	.0021011	.0006980	-.000626	.0267789
Stddev	.0004999	.0007899	.0016880	.0010573	.0013053	.007270	.0006972
%RSD	13.57018	207.3103	66.80481	50.32260	187.0172	1160.977	2.603568

#1	.0042590	.0010319	.0028518	.0031943	.0008236	-.003875	.0259754
#2	.0034353	-.000498	.0040285	.0010838	-.000666	.007702	.0271367
#3	.0033564	.000609	.0006999	.0020252	.001936	-.005705	.0272246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000241	-.000081	10.76765	.0027392	-.000605	-.002938	-.007512
Stddev	.0000095	.000044	.42904	.0005624	.000172	.002550	.017813
%RSD	39.49296	54.39204	3.984536	20.53303	28.48218	86.79785	237.1162

#1	.0000346	-.000046	10.27231	.0026737	-.000410	-.005735	.008854
#2	.0000161	-.000131	11.00804	.0022124	-.000670	-.002338	-.026485
#3	.0000216	-.000067	11.02261	.0033315	-.000736	-.000741	-.004906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016791	.1368286	.0002095	-.000169	144.1890	-.000364	.0000501
Stddev	.0006909	.0278786	.0003622	.000439	6.0733	.000868	.0049911
%RSD	41.14863	20.37484	172.9189	259.2833	4.212062	238.3981	9954.987

#1	.0014780	.1688564	.0006025	.000117	137.1855	-.001118	-.001948
#2	.0011110	.1236217	.0001369	.000050	147.3772	.000585	.005731
#3	.0024482	.1180076	-.000111	-.000675	148.0044	-.000559	-.003632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3483777	.0008452	.5434343	.0099536	44.57490	6.619397	-.001695
Stddev	.0316054	.0001781	.0169251	.0003480	1.09551	.184812	.000307
%RSD	9.072169	21.07528	3.114465	3.496344	2.457672	2.791970	18.12859

#1	.3210873	.0006396	.5241134	.0101784	45.81895	6.406291	-.001654
#2	.3830069	.0009465	.5505488	.0095527	43.75443	6.716218	-.002021
#3	.3410388	.0009497	.5556409	.0101295	44.15132	6.735683	-.001410

Sample Name: J3080-02 Acquired: 5/30/2018 15:19:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E02D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001184	.0388395	.1641563
Stddev	.000969	.0015097	.0074798
%RSD	81.84604	3.886893	4.556531

#1	-.002046	.0370964	.1555415
#2	-.000135	.0396963	.1679286
#3	-.001371	.0397257	.1689989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.949	2730.927	66773.72	8589.740	4389.530
Stddev	18.210	44.651	186.87	304.729	80.635
%RSD	.6871815	1.635028	.2798574	3.547590	1.836989

#1	2667.948	2680.820	66961.90	8940.140	4298.610
#2	2650.364	2766.503	66771.10	8442.370	4452.374
#3	2631.536	2745.459	66588.18	8386.710	4417.607

Sample Name: J3080-03 Acquired: 5/30/2018 15:23:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463887	.0680599	.0278173	.0725987	.1291347	2.575774	2.775797
Stddev	.0016940	.0009133	.0014265	.0038784	.0009557	.033229	.014586
%RSD	3.651786	1.341893	5.128044	5.342208	.7400756	1.290051	.5254617

#1	.0481614	.0674854	.0263295	.0684049	.1287927	2.538770	2.765245
#2	.0462185	.0691130	.0291734	.0760560	.1283970	2.603060	2.769706
#3	.0447862	.0675812	.0279489	.0733352	.1302143	2.585493	2.792441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724100	.0696179	11.29863	.2917428	.6801183	.3532143	1.502847
Stddev	.0003634	.0004930	.13511	.0011558	.0019814	.0010602	.009925
%RSD	.5018612	.7081070	1.195814	.3961674	.2913267	.3001689	.6603944

#1	.0727802	.0690982	11.19109	.2927672	.6783339	.3535060	1.508772
#2	.0723960	.0696766	11.45029	.2904898	.6797704	.3540982	1.508381
#3	.0720538	.0700789	11.25452	.2919715	.6822506	.3520388	1.491389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7321882	.1508651	.6953719	.0646754	151.1265	.7354318	.6792943
Stddev	.0089366	.0196890	.0025101	.0008396	1.0522	.0048122	.0100580
%RSD	1.220537	13.05075	.3609650	1.298129	.6962428	.6543401	1.480659

#1	.7228456	.1422080	.6937935	.0650679	149.9771	.7312104	.6860983
#2	.7406542	.1733994	.6940559	.0637115	152.0424	.7406718	.6677410
#3	.7330646	.1369880	.6982663	.0652469	151.3599	.7344133	.6840436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3693355	.0095947	.5706960	.0099569	43.45058	7.014683	-.000762
Stddev	.0255925	.0000582	.0015174	.0001272	.23196	.017522	.000576
%RSD	6.929335	.6069283	.2658822	1.277284	.5338546	.2497859	75.61308

#1	.3418027	.0096566	.5718982	.0100749	43.26002	7.021357	-.000236
#2	.3738049	.0095863	.5711987	.0098222	43.38286	7.027887	-.001377
#3	.3923989	.0095411	.5689910	.0099737	43.70887	6.994806	-.000672

Sample Name: J3080-03 Acquired: 5/30/2018 15:23:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000745	.0437430	.1714287
Stddev	.001039	.0020142	.0011050
%RSD	139.4687	4.604566	.6445703

#1	-.001374	.0448438	.1702744
#2	-.001316	.0449670	.1715349
#3	.000454	.0414184	.1724767

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.800	2749.250	67084.11	8183.834	4407.308
Stddev	8.202	3.672	95.11	58.456	16.113
%RSD	.3073230	.1335669	.1417800	.7142875	.3655884

#1	2675.204	2752.941	67053.94	8203.345	4418.901
#2	2659.556	2749.212	67190.64	8118.118	4414.114
#3	2671.641	2745.597	67007.74	8230.040	4388.909

Sample Name: J3080-01LX5 Acquired: 5/30/2018 15:27:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001243	-.000382	.0005226	.0004454	-.000995	.0296987	.0068912
Stddev	.003220	.001866	.0011976	.0027961	.003081	.0060913	.0005051
%RSD	259.0797	488.3806	229.1415	627.7290	309.6293	20.51034	7.330032

#1	.001835	.000620	.0019054	.0025295	-.004299	.0301127	.0070721
#2	-.004588	-.002535	-.000183	-.002732	.001801	.0234110	.0072809
#3	-.000975	.000769	-.000154	.001539	-.000487	.0355725	.0063205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000222	.0000255	2.259305	.0011331	-.000116	.0000964	.0100624
Stddev	.0000313	.0000370	.022841	.0002657	.000443	.0014150	.0215026
%RSD	140.7752	144.9700	1.010977	23.45367	381.3410	1468.356	213.6919

#1	.0000565	-.000015	2.237179	.0009378	.000268	.0009661	.0019890
#2	.0000152	.000033	2.257937	.0014357	-.000600	.0008594	-.006235
#3	-.000005	.000058	2.282800	.0010257	-.000016	-.001536	.034433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013785	.0638358	.0003310	-.000008	30.26445	.0012823	-.004177
Stddev	.0009161	.0377921	.0001806	.000256	.38324	.0008143	.006847
%RSD	66.45415	59.20205	54.54682	3125.761	1.266300	63.50503	163.9321

#1	.0005624	.0201985	.0001315	.000097	30.45877	.0006381	-.011768
#2	.0012038	.0859466	.0003785	-.000300	29.82297	.0010112	.001534
#3	.0023694	.0853623	.0004831	.000178	30.51160	.0021976	-.002297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548123	-.000217	.1090031	.0021164	8.237708	1.376372	-.001026
Stddev	.0324369	.000118	.0015901	.0002093	.013434	.004604	.000130
%RSD	59.17822	54.24760	1.458779	9.887592	.1630736	.3345239	12.68382

#1	.0175387	-.000163	.1082039	.0018819	8.222860	1.376397	-.000891
#2	.0702610	-.000136	.1079711	.0022841	8.241246	1.371755	-.001151
#3	.0766371	-.000352	.1108343	.0021832	8.249019	1.380964	-.001034

Sample Name: J3080-01LX5 Acquired: 5/30/2018 15:27:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000023	.0099806	.0345318
Stddev	.001729	.0010884	.0002481
%RSD	7665.722	10.90533	.7185559

#1	.001584	.0112365	.0347735
#2	-.001852	.0093951	.0342777
#3	.000200	.0093104	.0345443

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.396	2698.589	65925.37	8124.570	4493.924
Stddev	25.708	8.748	426.80	62.485	8.141
%RSD	1.000144	.3241672	.6474005	.7690858	.1811493

#1	2553.939	2690.075	65669.87	8116.420	4484.526
#2	2600.020	2707.553	66418.08	8190.730	4498.442
#3	2557.229	2698.139	65688.15	8066.560	4498.804

Sample Name: J3080-04 Acquired: 5/30/2018 15:31:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062360	.0017279	.0029785	.0009266	.0001349	.0055995	.0744353
Stddev	.0047117	.0022055	.0024492	.0028017	.0007654	.0055540	.0004462
%RSD	75.55657	127.6416	82.22852	302.3580	567.4846	99.18795	.5995142

#1	.0105305	.0035327	.0025320	.0039620	-.000164	-.000253	.0742118
#2	.0011959	.0023814	.0056203	-.001560	.001005	.010796	.0749492
#3	.0069816	-.000731	.0007833	.000378	-.000436	.006256	.0741450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000186	-.000139	64.95550	-.000676	-.001056	-.002728	.5127739
Stddev	.0000648	.000048	.28995	.000289	.000064	.002704	.0061338
%RSD	348.1814	34.28686	.4463777	42.71068	6.073154	99.12862	1.196192

#1	-.000009	-.000189	65.27603	-.000351	-.001039	-.000388	.5133561
#2	.000093	-.000093	64.71149	-.000903	-.001002	-.002108	.5185959
#3	-.000028	-.000136	64.87898	-.000773	-.001127	-.005689	.5063699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.674056	3.739585	-.000236	-.000262	245.1114	-.008492	-.002218
Stddev	.009095	.016366	.000404	.000287	1.1124	.004834	.014090
%RSD	.5432626	.4376424	170.9795	109.7494	.4538442	56.92032	635.3765

#1	1.684495	3.738324	.000229	-.000004	246.3719	-.002913	.013035
#2	1.669823	3.723886	-.000497	-.000209	244.2669	-.011149	-.004940
#3	1.667849	3.756545	-.000439	-.000572	244.6955	-.011415	-.014748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.648717	.0008997	.5261568	.0082732	66.07931	10.19938	-.003091
Stddev	.028217	.0001262	.0064934	.0003053	.36951	.16571	.001486
%RSD	1.711443	14.03022	1.234121	3.689919	.5591989	1.624717	48.07873

#1	1.642689	.0008017	.5335400	.0081417	66.06668	10.36535	-.004297
#2	1.624001	.0008553	.5235967	.0080557	65.71628	10.19886	-.001431
#3	1.679461	.0010421	.5213336	.0086222	66.45498	10.03393	-.003543

Sample Name: J3080-04 Acquired: 5/30/2018 15:31:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002467	.1151177	1.001015
Stddev	.001805	.0007127	.003200
%RSD	73.16761	.6191471	.3197044

#1	-.004378	.1142950	1.000095
#2	-.000791	.1155463	.998375
#3	-.002232	.1155119	1.004574

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.864	2722.895	62917.62	8228.818	4289.083
Stddev	69.062	18.099	1898.59	57.409	23.828
%RSD	2.764851	.6647062	3.017586	.6976615	.5555478

#1	2478.411	2714.393	61906.36	8164.894	4288.406
#2	2440.615	2743.680	61738.71	8245.578	4313.242
#3	2574.567	2710.612	65107.79	8275.983	4265.600

Sample Name: J3080-05 Acquired: 5/30/2018 15:35:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052615	-.001450	.0046185	.0017337	-.000440	.0086315	.0238075
Stddev	.0040589	.002031	.0006408	.0020492	.001318	.0057222	.0008359
%RSD	77.14446	140.1072	13.87455	118.1974	299.2668	66.29486	3.511180

#1	.0099244	-.001260	.0041121	.0031727	.000681	.0051864	.0228465
#2	.0033392	.000480	.0044044	-.000612	-.000110	.0054712	.0242093
#3	.0025208	-.003569	.0053389	.002641	-.001892	.0152368	.0243666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000563	-.000046	39.77510	.0002906	-.001295	.0012331	-.027030
Stddev	.0000613	.000026	1.98958	.0004368	.000137	.0029568	.014341
%RSD	109.0082	55.62063	5.002066	150.3149	10.60400	239.7831	53.05542

#1	.0001071	-.000075	37.49458	-.000054	-.001277	.0037830	-.011973
#2	.0000736	-.000029	40.67481	.000144	-.001440	.0019244	-.028591
#3	-.000012	-.000034	41.15589	.000782	-.001167	-.002008	-.040528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192585	1.296533	.0004016	.0000601	242.0329	-.005401	.0068243
Stddev	.0008404	.104212	.0001874	.0004172	13.0226	.004377	.0062407
%RSD	4.363666	8.037739	46.66253	694.0018	5.380491	81.02879	91.44713

#1	.0191432	1.200801	.0005212	-.000356	227.1548	-.003077	.0033832
#2	.0201505	1.281259	.0001856	.000058	247.5832	-.002677	.0140281
#3	.0184817	1.407539	.0004980	.000478	251.3609	-.010450	.0030618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4809421	.0006283	.3383314	.0026263	72.87207	10.83320	-.002410
Stddev	.0340234	.0002635	.0062796	.0000752	.64595	.21831	.000690
%RSD	7.074325	41.93524	1.856050	2.864022	.8864230	2.015221	28.64676

#1	.4416553	.0009105	.3310977	.0027126	72.77206	10.60204	-.001794
#2	.5005338	.0005860	.3423823	.0025745	72.28195	10.86171	-.002279
#3	.5006372	.0003886	.3415144	.0025918	73.56219	11.03587	-.003156

Sample Name: J3080-05 Acquired: 5/30/2018 15:35:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E10 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000850	.1164393	.2649559
Stddev	.001076	.0080214	.0148992
%RSD	126.4900	6.888866	5.623267

#1	-.002076	.1071777	.2479972
#2	-.000064	.1211631	.2709276
#3	-.000410	.1209771	.2759428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.518	2701.085	62655.39	8532.286	4269.168
Stddev	158.720	18.449	4221.78	266.227	22.612
%RSD	6.409002	.6830255	6.738094	3.120228	.5296499

#1	2293.304	2696.904	57780.89	8835.203	4266.332
#2	2564.082	2721.265	65039.45	8426.189	4293.065
#3	2572.170	2685.084	65145.84	8335.466	4248.109

Sample Name: J3080-06 Acquired: 5/30/2018 15:39:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039003	.0009287	.0028453	-.000988	.0005383	.0021471	.0106207
Stddev	.0004408	.0021178	.0020328	.001606	.0003443	.0009468	.0004061
%RSD	11.30186	228.0378	71.44327	162.5879	63.96432	44.09814	3.823378

#1	.0035330	.0031243	.0049094	.000106	.0008891	.0027112	.0106770
#2	.0037788	.0007635	.0008453	-.002832	.0002008	.0026762	.0109956
#3	.0043891	-.001102	.0027813	-.000237	.0005250	.0010540	.0101894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000462	-.000047	8.122442	.0002635	-.000392	.0007871	.0172416
Stddev	.0000505	.000056	.035371	.0002100	.000164	.0007752	.0188646
%RSD	109.4158	117.1584	.4354679	79.70077	41.79287	98.49763	109.4137

#1	.0001039	-.000073	8.137790	.0004687	-.000226	.0000236	-.003237
#2	.0000097	-.000085	8.081990	.0002727	-.000397	.0015735	.021052
#3	.0000250	.000016	8.147546	.0000490	-.000553	.0007641	.033910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099514	.2238665	.0003355	-.000363	187.5339	-.000441	.0015425
Stddev	.0006879	.0203966	.0001125	.000329	.8097	.005128	.0036599
%RSD	6.912745	9.111038	33.52890	90.82435	.4317826	1163.505	237.2783

#1	.0106914	.2006792	.0002652	.000013	187.6377	.000572	.0054081
#2	.0093313	.2318850	.0004652	-.000600	186.6773	.004106	-.001870
#3	.0098316	.2390353	.0002760	-.000502	188.2867	-.006000	.001089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439727	.0010402	.1967753	.0048400	54.02950	7.231409	-.001551
Stddev	.0741802	.0000460	.0013537	.0001098	.70406	.006204	.000203
%RSD	168.6962	4.420559	.6879185	2.269148	1.303100	.0857915	13.11564

#1	.0291718	.0010860	.1970104	.0047766	53.21661	7.234050	-.001380
#2	-.021691	.0009940	.1953195	.0047767	54.42537	7.235855	-.001497
#3	.124438	.0010408	.1979960	.0049669	54.44651	7.224321	-.001776

Sample Name: J3080-06 Acquired: 5/30/2018 15:39:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E09 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004001	.0411546	.0903825
Stddev	.0009853	.0007052	.0003286
%RSD	246.2398	1.713590	.3635737

#1	.0004959	.0419654	.0905920
#2	.0013340	.0408144	.0900038
#3	-.000630	.0406839	.0905518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2608.174	2730.893	65614.48	8333.567	4362.385
Stddev	21.457	35.975	411.27	34.669	56.981
%RSD	.8226947	1.317336	.6267978	.4160114	1.306200

#1	2611.835	2771.971	65759.54	8340.660	4428.171
#2	2585.122	2715.708	65150.33	8364.140	4330.523
#3	2627.565	2705.001	65933.55	8295.900	4328.462

Sample Name: J3080-07 Acquired: 5/30/2018 15:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022297	.0008292	.0022496	.0007483	.0004833	.0012306	.0333775
Stddev	.0030942	.0013647	.0010940	.0035598	.0008898	.0054446	.0003276
%RSD	138.7710	164.5857	48.63027	475.7301	184.1145	442.4253	.9816083

#1	.0041773	-.000720	.0034132	.0045882	.0014498	-.003526	.0337292
#2	-.001338	.001854	.0012420	-.002442	-.000302	.000048	.0330808
#3	.003850	.001353	.0020936	.000098	.000302	.007169	.0333226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000045	15.70282	.0002430	-.000949	-.000850	.0422069
Stddev	.000030	.000053	.14540	.0001570	.000168	.000492	.0083237
%RSD	46.64088	116.9903	.9259456	64.60303	17.73134	57.81368	19.72126

#1	-.000099	.000015	15.53846	.0003017	-.001057	-.001235	.0330466
#2	-.000043	-.000084	15.81466	.0003623	-.001036	-.000296	.0442668
#3	-.000052	-.000065	15.75534	.0000651	-.000755	-.001020	.0493073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310912	.3703971	.0002907	-.000601	218.9704	-.005368	.0033628
Stddev	.0003529	.0161764	.0004909	.000190	1.0335	.003598	.0066159
%RSD	1.135022	4.367311	168.8497	31.63562	.4719696	67.01833	196.7373

#1	.0314597	.3736222	-.000195	-.000735	217.7793	-.002189	.0085785
#2	.0310576	.3528512	.000281	-.000384	219.5031	-.004642	.0055890
#3	.0307563	.3847181	.000786	-.000685	219.6289	-.009274	-.004079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3410798	.0009916	.2924305	.0056987	64.11907	7.231509	-.001393
Stddev	.0293806	.0003030	.0019575	.0004048	5.51394	.052141	.001416
%RSD	8.613987	30.55357	.6694021	7.102454	8.599536	.7210263	101.6479

#1	.3193939	.0010847	.2901874	.0061624	70.48603	7.185194	-.002428
#2	.3293283	.0006530	.2933110	.0054166	60.93676	7.221351	-.001970
#3	.3745172	.0012370	.2937932	.0055170	60.93444	7.287981	.000220

Sample Name: J3080-07 Acquired: 5/30/2018 15:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000373	.0413051	.2102390
Stddev	.000569	.0004363	.0003245
%RSD	152.6483	1.056180	.1543338

#1	.000110	.0416682	.2105442
#2	-.000228	.0408212	.2098982
#3	-.001001	.0414260	.2102744

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.036	2659.417	65786.49	8327.952	4220.736
Stddev	17.965	182.449	600.43	43.721	290.703
%RSD	.6854200	6.860504	.9126938	.5249864	6.887500

#1	2639.958	2448.743	66454.50	8374.736	3885.115
#2	2604.212	2764.271	65613.22	8320.989	4383.325
#3	2618.936	2765.236	65291.75	8288.130	4393.767

Sample Name: J3080-08 Acquired: 5/30/2018 15:48:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050326	.0001174	.0048079	.0042454	.0003693	.0145912	.0980449
Stddev	.0037829	.0011842	.0008170	.0026645	.0025479	.0147833	.0009653
%RSD	75.16771	1008.832	16.99201	62.76098	689.9541	101.3161	.9845211

#1	.0041422	.0007068	.0057484	.0022739	.0019640	.0128563	.0972862
#2	.0017744	.0008913	.0044017	.0031856	.0017131	.0301654	.0991314
#3	.0091814	-.001246	.0042737	.0072767	-.002569	.0007520	.0977170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000136	-.000024	118.3575	-.001320	-.000499	-.002183	.1150795
Stddev	.000035	.000052	.6298	.000241	.000102	.001731	.0081098
%RSD	25.86806	214.9245	.5320867	18.25208	20.42868	79.29236	7.047147

#1	-.000129	-.000003	118.2078	-.001079	-.000441	-.001490	.1057856
#2	-.000106	-.000083	117.8161	-.001321	-.000439	-.000906	.1187325
#3	-.000175	.000014	119.0486	-.001561	-.000617	-.004153	.1207202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.201846	17.99767	.0012503	.0000568	252.9117	-.017970	.0004103
Stddev	.018717	.14805	.0003543	.0006322	1.1419	.004019	.0037937
%RSD	.5845700	.8226090	28.33622	1113.535	.4515004	22.36365	924.6796

#1	3.198474	17.92817	.0016592	.0006624	252.0921	-.015094	-.003207
#2	3.185045	17.89716	.0010574	-.000599	252.4271	-.022562	.000080
#3	3.222020	18.16769	.0010344	.000107	254.2160	-.016254	.004359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.662960	.0061527	.6875737	.0129802	78.11723	13.27004	-.003656
Stddev	.083911	.0003966	.0017824	.0000643	.20016	.06156	.000589
%RSD	2.290798	6.445471	.2592267	.4951030	.2562276	.4638747	16.09970

#1	3.573209	.0059369	.6890916	.0129625	78.24277	13.20014	-.002996
#2	3.739453	.0066103	.6856111	.0129267	77.88640	13.29384	-.003846
#3	3.676217	.0059107	.6880185	.0130515	78.22252	13.31615	-.004126

Sample Name: J3080-08 Acquired: 5/30/2018 15:48:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003960	.0979547	1.228658
Stddev	.000431	.0006551	.007547
%RSD	10.89129	.6687417	.6142298

#1	-.003903	.0971991	1.220196
#2	-.003559	.0983029	1.234691
#3	-.004416	.0983621	1.231087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.832	2647.461	64469.48	8244.938	4148.305
Stddev	3.004	6.447	158.04	36.651	8.834
%RSD	.1180487	.2435305	.2451443	.4445289	.2129496

#1	2546.227	2640.092	64301.49	8287.248	4138.547
#2	2541.384	2652.062	64615.21	8222.926	4155.757
#3	2546.884	2650.228	64491.75	8224.641	4150.610

Sample Name: J3080-09 Acquired: 5/30/2018 15:52:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058955	.0007020	.0046823	-.005762	-.000256	.0077446	.0734063
Stddev	.0014465	.0022162	.0009401	.001462	.000830	.0001321	.0011699
%RSD	24.53607	315.7105	20.07855	25.37552	324.4686	1.705454	1.593805

#1	.0059229	-.001676	.0045215	-.005293	.000686	.0078564	.0722983
#2	.0073281	.001072	.0038329	-.007402	-.000880	.0075988	.0746297
#3	.0044355	.002710	.0056924	-.004592	-.000573	.0077786	.0732910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	-.000120	118.9855	-.001372	-.001373	.0011815	3.326579
Stddev	.000033	.000135	.9276	.000427	.000088	.0020707	.007545
%RSD	80.12683	112.9423	.7795521	31.09608	6.398212	175.2678	.2268127

#1	-.000073	-.000246	118.1452	-.001774	-.001277	.0028079	3.319920
#2	-.000008	-.000136	118.8305	-.001417	-.001449	.0018862	3.325042
#3	-.000042	.000023	119.9808	-.000925	-.001392	-.001150	3.334774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.489307	20.84141	.0001575	-.000238	298.6267	-.013762	.0064708
Stddev	.006251	.22533	.0004241	.000335	2.1543	.005805	.0055884
%RSD	.2511081	1.081161	269.2586	140.6621	.7214029	42.17989	86.36345

#1	2.484027	20.61362	.0006460	-.000048	296.2626	-.017773	.0127876
#2	2.487686	21.06420	-.000117	-.000624	299.1387	-.007106	.0021705
#3	2.496209	20.84641	-.000056	-.000042	300.4789	-.016407	.0044544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.593332	.0117347	.7277437	.0191615	120.5649	11.78568	-.003615
Stddev	.038598	.0001792	.0085697	.0003616	.7014	.11080	.000660
%RSD	.6900803	1.526896	1.177571	1.887109	.5817526	.9401638	18.26688

#1	5.564488	.0118687	.7198707	.0190347	120.5671	11.68235	-.002873
#2	5.578329	.0115312	.7264889	.0188803	119.8624	11.77201	-.004138
#3	5.637179	.0118041	.7368717	.0195694	121.2651	11.90269	-.003836

Sample Name: J3080-09 Acquired: 5/30/2018 15:52:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E13 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001319	.1060060	1.063070
Stddev	.000855	.0004111	.006803
%RSD	64.83051	.3877941	.6399550

#1	-.000368	.1056276	1.055214
#2	-.001565	.1059469	1.066983
#3	-.002025	.1064434	1.067013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.392	2663.243	64602.53	8241.551	4161.437
Stddev	12.188	13.964	341.24	78.815	22.154
%RSD	.4791910	.5243320	.5282207	.9563158	.5323762

#1	2542.389	2670.937	64984.00	8317.863	4170.540
#2	2556.050	2671.668	64497.25	8246.340	4177.590
#3	2531.736	2647.124	64326.32	8160.451	4136.181

Sample Name: PB109760BL Acquired: 5/30/2018 15:56:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014001	-.002196	-.000165	.0009893	.0010476	-.002666	.0000035
Stddev	.0008720	.000525	.001534	.0019371	.0010124	.005755	.0003505
%RSD	62.28186	23.90203	927.3669	195.7918	96.63770	215.8681	9958.611

#1	.0020990	-.001845	-.001929	.0017213	-.000092	-.005437	.0000611
#2	.0004229	-.001943	.000579	-.001207	.001392	-.006511	.0003217
#3	.0016784	-.002799	.000854	.002454	.001843	.003950	-.000372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000786	-.000049	.0023675	-.000444	.0000312	.0003460	-.000204
Stddev	.0000162	.000121	.0076823	.000324	.0003811	.0017482	.009720
%RSD	20.57655	246.8883	324.4846	72.87879	1222.491	505.2352	4758.180

#1	.0000942	-.000150	-.004854	-.000767	.0004694	.0002484	.010532
#2	.0000619	-.000083	.010440	-.000447	-.000154	.0021410	-.002736
#3	.0000795	.000085	.001516	-.000119	-.000222	-.001351	-.008408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003865	.0066526	.0001280	-.000439	-.026555	.0002753	-.002173
Stddev	.0002323	.0152421	.0002425	.000274	.183386	.0038045	.004304
%RSD	60.10552	229.1160	189.5032	62.36134	690.5916	1381.748	198.1125

#1	.0005951	.0134826	.0003186	-.000711	-.205441	.0045892	.002194
#2	.0001362	-.010810	.0002105	-.000164	.161022	-.001162	-.006412
#3	.0004282	.017285	-.000145	-.000442	-.035246	-.002601	-.002299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299245	-.000208	-.002843	-.000113	.0147246	-.004690	-.000363
Stddev	.0191430	.000271	.000365	.000250	.0054113	.000508	.000655
%RSD	63.97109	130.5298	12.82465	221.5259	36.74984	10.83285	180.3567

#1	.0348127	-.000184	-.002832	-.000058	.0198627	-.004119	-.000992
#2	.0088113	.000051	-.002484	.000105	.0152348	-.005091	-.000414
#3	.0461496	-.000490	-.003213	-.000386	.0090763	-.004861	.000316

Sample Name: PB109760BL Acquired: 5/30/2018 15:56:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000935	.0060105	.0000781
Stddev	.000680	.0011552	.0000491
%RSD	72.69989	19.21975	62.85875

#1	-.000159	.0057661	.0001345
#2	-.001424	.0072684	.0000461
#3	-.001222	.0049971	.0000535

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.238	2722.190	65829.41	8224.490	4532.166
Stddev	26.758	25.223	455.60	86.685	53.505
%RSD	1.043112	.9265544	.6920925	1.053989	1.180563

#1	2551.954	2702.625	65556.72	8175.350	4495.918
#2	2547.720	2713.289	65576.13	8173.540	4506.963
#3	2596.039	2750.656	66355.37	8324.580	4593.619

Sample Name: PB109743BS Acquired: 5/30/2018 16:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203958	.0499156	.0184568	.0661149	.1119593	.3797739
Stddev	.0052041	.0004163	.0007048	.0016955	.0025539	.0332609
%RSD	25.51562	.8340934	3.818636	2.564539	2.281072	8.758074

#1	.0183389	.0494436	.0183748	.0647114	.1107874	.3557202
#2	.0263140	.0502306	.0191990	.0656344	.1102017	.4177305
#3	.0165345	.0500728	.0177966	.0679988	.1148888	.3658711

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3903058	.0100284	.0095650	10.10980	.0207313	.0933967
Stddev	.0284718	.0006103	.0000582	.78824	.0001921	.0010093
%RSD	7.294748	6.086120	.6081299	7.796747	.9265662	1.080671

#1	.3657318	.0094635	.0095557	9.43471	.0207538	.0942301
#2	.4215067	.0106758	.0095120	10.97603	.0209111	.0922744
#3	.3836790	.0099459	.0096272	9.91867	.0205289	.0936855

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484306	.2273067	.0318429	9.575402	.0775682	.0181503
Stddev	.0048651	.0138271	.0022983	.740783	.0002204	.0000948
%RSD	10.04553	6.083014	7.217655	7.736311	.2841539	.5222910

#1	.0434960	.2123026	.0302275	8.962171	.0774872	.0181810
#2	.0532231	.2395359	.0344741	10.39847	.0773998	.0182260
#3	.0485726	.2300815	.0308271	9.36557	.0778177	.0180440

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.696365	.1001527	.1071871	9.314247	F .0045775	F .0167365
Stddev	.970592	.0083694	.0127343	.750825	.0002730	.0020027
%RSD	10.00985	8.356628	11.88047	8.061036	5.964394	11.96587

#1	8.806806	.0922837	.0944015	8.645669	.0045388	.0153078
#2	10.73154	.1089458	.1198696	10.12654	.0043258	.0190256
#3	9.55075	.0992286	.1072902	9.17053	.0048677	.0158761

Sample Name: PB109743BS Acquired: 5/30/2018 16:00:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194653	.1621793	.1859278	F .0133455	.1973431	.0938099
Stddev	.0001898	.0044942	.0122737	.0008858	.0169824	.0070426
%RSD	.9752524	2.771123	6.601311	6.637665	8.605507	7.507274

#1	.0196380	.1594937	.1748876	.0129267	.1820671	.0883016
#2	.0192621	.1673676	.1991439	.0127467	.2156293	.1017449
#3	.0194960	.1596764	.1837519	.0143631	.1943328	.0913830

Elem	Sr4077
Units	ppm
Avg	.1976490
Stddev	.0146492
%RSD	7.411726

#1	.1852251
#2	.2138025
#3	.1939196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.790	2710.357	66090.81	8025.046	4481.353
Stddev	7.567	21.324	212.15	528.938	29.339
%RSD	.2925303	.7867741	.3210025	6.591086	.6546922

#1	2594.924	2703.748	66316.72	8485.793	4467.191
#2	2579.959	2734.204	66059.91	7447.456	4515.087
#3	2585.487	2693.120	65895.80	8141.890	4461.782

Sample Name: J3148-06 Acquired: 5/30/2018 16:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039858	.0006441	.0007011	.0014590	-.000795	-.003782	.0015098
Stddev	.0015357	.0017574	.0016655	.0025568	.000654	.003610	.0003600
%RSD	38.52838	272.8438	237.5423	175.2400	82.32538	95.45756	23.84593

#1	.0028627	-.000658	.0021387	-.001008	-.000121	-.004073	.0019127
#2	.0033589	.002643	-.001124	.004097	-.000835	-.000035	.0013972
#3	.0057357	-.000052	.001089	.001288	-.001428	-.007237	.0012196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000196	-.000080	.0233665	-.000250	-.000005	-.000578	-.011980
Stddev	.0000140	.000046	.0147766	.000087	.000066	.000611	.010876
%RSD	71.48087	57.76365	63.23855	34.86656	1428.365	105.7412	90.78097

#1	.0000034	-.000054	.0063098	-.000149	-.000049	-.000756	-.018606
#2	.0000278	-.000134	.0322843	-.000305	.000071	.000102	-.017906
#3	.0000275	-.000053	.0315053	-.000295	-.000035	-.001081	.000572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007043	.0451127	.0005163	-.000571	.1476010	-.000021	-.006390
Stddev	.0013822	.0253209	.0002829	.000053	.0610060	.000922	.003728
%RSD	196.2578	56.12820	54.79341	9.336683	41.33167	4492.322	58.33865

#1	-.000881	.0653311	.0001999	-.000515	.1634721	.000715	-.009594
#2	.001340	.0532945	.0006043	-.000576	.0802280	.000278	-.002299
#3	.001654	.0167124	.0007447	-.000621	.1991029	-.001055	-.007276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.649675	-.000484	-.005786	-.000216	-.031231	-.005713	-.001542
Stddev	.007363	.000367	.000440	.000247	.002041	.000598	.000881
%RSD	1.133267	75.86511	7.602998	114.3235	6.533765	10.47622	57.10434

#1	-.654802	-.000261	-.006293	-.000460	-.033564	-.005036	-.000605
#2	-.641238	-.000284	-.005556	-.000221	-.030348	-.006174	-.001668
#3	-.652984	-.000908	-.005509	.000034	-.029780	-.005928	-.002353

Sample Name: J3148-06 Acquired: 5/30/2018 16:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001437	-.002960	.0000288
Stddev	.001355	.000649	.0000713
%RSD	94.34638	21.92002	247.9239

#1	.000023	-.003642	.0000832
#2	-.001677	-.002350	-.000052
#3	-.002656	-.002887	.000055

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.075	2951.040	70882.29	8522.257	4919.153
Stddev	20.072	18.961	273.50	18.607	32.022
%RSD	.7110064	.6425025	.3858457	.2183285	.6509715

#1	2807.988	2940.508	70568.01	8539.970	4900.053
#2	2815.381	2972.928	71066.30	8523.930	4956.122
#3	2845.856	2939.683	71012.55	8502.870	4901.284

Sample Name: PB109541BL Acquired: 5/30/2018 16:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0017739	-.002050	-.000303	-.000283	.0004282	-.007258	.0002197
Stddev	.0007011	.001739	.001082	.001791	.0027349	.004236	.0006623
%RSD	39.52381	84.81836	356.4997	632.2921	638.6684	58.36441	301.5064

#1	.0009950	-.003522	.000744	.001646	.0013052	-.002483	.0005024
#2	.0019722	-.002496	-.001417	-.001893	.0026171	-.010565	.0006937
#3	.0023545	-.000131	-.000237	-.000603	-.002638	-.008725	-.000537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000193	-.000069	.0258303	-.000309	-.000086	-.000491	.0018292
Stddev	.0000689	.000021	.0057368	.000159	.000074	.001571	.0078036
%RSD	356.0490	30.10931	22.20956	51.55458	85.97044	319.9836	426.6227

#1	.0000585	-.000079	.0324497	-.000435	-.000016	-.002298	-.000609
#2	.0000598	-.000045	.0223022	-.000363	-.000078	.000277	.010561
#3	-.000060	-.000084	.0227388	-.000130	-.000164	.000548	-.004464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000543	.0182070	.0000845	-.000190	.0440136	-.002652	-.004243
Stddev	.000420	.0285871	.0001565	.000046	.1627939	.004021	.005541
%RSD	77.27804	157.0121	185.1610	24.43347	369.8720	151.6097	130.5986

#1	-.000702	-.009013	.0002517	-.000237	.1387979	-.006853	-.002383
#2	-.000860	.047989	-.000058	-.000145	.1372052	-.002267	-.010474
#3	-.000067	.015645	.000060	-.000186	-.143962	.001163	.000129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017222	.0000331	-.004894	-.000051	.0007640	-.002795	-.000872
Stddev	.054666	.0002075	.000445	.000109	.0064028	.001389	.000333
%RSD	317.4278	626.6392	9.083700	212.9403	838.0321	49.70037	38.23609

#1	-.001210	-.000064	-.005406	-.000088	.0039534	-.001617	-.000870
#2	-.078105	-.000108	-.004606	.000072	-.006607	-.002440	-.001206
#3	.027651	.000271	-.004671	-.000137	.004946	-.004327	-.000539

Sample Name: PB109541BL Acquired: 5/30/2018 16:11:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	-.000179	.0002601	-.000021
Stddev	.001091	.0003585	.000039
%RSD	609.0189	137.8578	186.8993

#1	-.001157	.0005701	.000024
#2	-.000377	-.000132	-.000038
#3	.000997	.000343	-.000048

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.926	2728.875	66489.97	8076.740	4537.752
Stddev	22.933	9.184	327.56	36.832	12.996
%RSD	.8834380	.3365565	.4926494	.4560237	.2863960

#1	2572.696	2725.526	66116.02	8037.000	4540.752
#2	2618.551	2739.264	66726.15	8083.490	4548.985
#3	2596.531	2721.835	66627.72	8109.730	4523.518

Sample Name: PB109541BS Acquired: 5/30/2018 16:15:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0196927	.0497816	.0205633	.0671860	.1126318	.3839434
Stddev	.0019526	.0010960	.0003341	.0025398	.0023365	.0046330
%RSD	9.915388	2.201677	1.624847	3.780239	2.074425	1.206685

#1	.0196793	.0496517	.0205814	.0696481	.1099400	.3796869
#2	.0216519	.0487562	.0208880	.0673349	.1138201	.3832652
#3	.0177468	.0509367	.0202205	.0645750	.1141352	.3888781

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3784304	.0101922	.0097132	9.958824	.0214941	.0932046
Stddev	.0020703	.0000448	.0000339	.005977	.0002271	.0001131
%RSD	.5470807	.4393421	.3495406	.0600212	1.056640	.1213640

#1	.3760939	.0102091	.0097340	9.963200	.0217094	.0930745
#2	.3800367	.0101414	.0097314	9.952013	.0215162	.0932589
#3	.3791604	.0102261	.0096740	9.961258	.0212568	.0932803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495304	.2345264	.0316096	9.472307	.0792406	.0192500
Stddev	.0024199	.0184457	.0004044	.077889	.0007489	.0004582
%RSD	4.885692	7.865099	1.279460	.8222791	.9450804	2.379991

#1	.0469480	.2535224	.0316731	9.558613	.0789595	.0197632
#2	.0498972	.2166852	.0311772	9.451062	.0800894	.0191049
#3	.0517459	.2333715	.0319786	9.407244	.0786729	.0188820

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.370414	.1002878	.1254791	8.507649	F .0047424	F .0140978
Stddev	.316734	.0033634	.0083851	.027597	.0001918	.0003974
%RSD	3.380152	3.353720	6.682474	.3243788	4.044047	2.818795

#1	9.464685	.0990852	.1189308	8.486367	.0045309	.0145462
#2	9.017247	.0976910	.1225766	8.497750	.0047914	.0137891
#3	9.629309	.1040871	.1349298	8.538830	.0049050	.0139582

Sample Name: PB109541BS Acquired: 5/30/2018 16:15:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) 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	.0191054	.1468010	.1855341	F .0125279	.1931272	.0843767
Stddev	.0003499	.0023438	.0007940	.0002468	.0013674	.0009641
%RSD	1.831302	1.596568	.4279740	1.969908	.7080037	1.142568

#1	.0188364	.1442417	.1861120	.0122526	.1930839	.0833330
#2	.0189790	.1488426	.1846287	.0127292	.1917820	.0845630
#3	.0195010	.1473188	.1858616	.0126020	.1945157	.0852339

Elem	Sr4077
Units	ppm
Avg	.1916211
Stddev	.0003269
%RSD	.1705689

#1	.1912482
#2	.1917575
#3	.1918577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.960	2844.093	68361.66	8448.034	4715.458
Stddev	47.429	13.192	1376.93	26.980	20.233
%RSD	1.757973	.4638246	2.014185	.3193608	.4290839

#1	2644.994	2857.828	66901.48	8462.427	4738.547
#2	2712.383	2842.930	68546.94	8464.764	4707.008
#3	2736.505	2831.522	69636.57	8416.909	4700.820

Sample Name: J3033-01 Acquired: 5/30/2018 16:19:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207412	.0011532	.5862799	-.000869	.0022204	40.03963	.3137833
Stddev	.0051456	.0025063	.0076412	.005701	.0011727	.69407	.0053791
%RSD	24.80884	217.3365	1.303345	655.7401	52.81310	1.733456	1.714274

#1	.0256872	-.001741	.5828546	.000192	.0034489	40.39305	.3170102
#2	.0154168	.002591	.5809505	-.007026	.0011129	40.48585	.3167660
#3	.0211195	.002609	.5950344	.004226	.0020994	39.23998	.3075736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040329	.0065146	106.8488	.0864752	.0199975	.1333698	52.16553
Stddev	.0002092	.0002625	1.8609	.0023639	.0007243	.0024517	.88233
%RSD	5.186467	4.028700	1.741628	2.733577	3.622066	1.838247	1.691413

#1	.0041544	.0065309	107.7334	.0882685	.0194448	.1332799	52.72780
#2	.0041530	.0062443	108.1024	.0873608	.0197301	.1358652	52.62020
#3	.0037914	.0067685	104.7106	.0837964	.0208175	.1309643	51.14860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8492132	43.96870	.0976129	.0001511	1.473535	.1164383	.9921019
Stddev	.0170868	.92943	.0012806	.0000884	.096836	.0017478	.0158903
%RSD	2.012078	2.113841	1.311902	58.50479	6.571672	1.501040	1.601675

#1	.8598902	44.50188	.0968003	.0001806	1.445037	.1184180	1.002249
#2	.8582435	44.50872	.0969493	.0000517	1.394145	.1157878	1.000267
#3	.8295059	42.89550	.0990891	.0002209	1.581421	.1151090	.973789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.285270	.3403683	.0598693	.0054682	5.498899	20.27554	.0400222
Stddev	.071560	.0034230	.0013781	.0004711	.071127	.37336	.0009693
%RSD	3.131373	1.005660	2.301769	8.616146	1.293470	1.841451	2.421957

#1	2.295043	.3404158	.0606323	.0056271	5.455575	20.47125	.0398422
#2	2.351442	.3369218	.0606971	.0049382	5.460136	20.51035	.0391555
#3	2.209326	.3437672	.0582785	.0058394	5.580987	19.84500	.0410689

Sample Name: J3033-01 Acquired: 5/30/2018 16:19:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6766473	.0273224	.1444283
Stddev	.0146135	.0009104	.0028141
%RSD	2.159697	3.332111	1.948429

#1	.6818609	.0269790	.1461657
#2	.6879390	.0266336	.1459377
#3	.6601419	.0283546	.1411815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.318	2766.255	69741.10	8562.454	4304.547
Stddev	64.265	28.224	1708.56	137.317	50.498
%RSD	2.379906	1.020306	2.449865	1.603707	1.173130

#1	2660.047	2763.938	68473.37	8502.227	4309.105
#2	2666.475	2795.567	69065.83	8465.543	4352.611
#3	2774.432	2739.261	71684.10	8719.593	4251.924

Sample Name: J3033-02 Acquired: 5/30/2018 16:23:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196429	.0007094	.6001484	-.004348	.0018911	40.22987	.3136883
Stddev	.0027083	.0033846	.0101007	.002751	.0018876	.26581	.0008393
%RSD	13.78756	477.1138	1.683027	63.26298	99.81545	.6607209	.2675504

#1	.0173422	.0045955	.6043818	-.007256	.0040686	39.97740	.3137508
#2	.0226276	-.001593	.6074435	-.004001	.0008850	40.20495	.3128195
#3	.0189589	-.000874	.5886199	-.001788	.0007197	40.50726	.3144945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039446	.0065607	107.6153	.0872703	.0205864	.1358129	52.55760
Stddev	.0000749	.0002262	1.4465	.0006050	.0003696	.0052452	.67272
%RSD	1.898680	3.448097	1.344126	.6931888	1.795357	3.862087	1.279960

#1	.0040311	.0067234	106.2239	.0879438	.0208159	.1299588	51.98106
#2	.0038984	.0066564	107.5107	.0867731	.0207833	.1400851	52.39504
#3	.0039045	.0063024	109.1112	.0870940	.0201601	.1373947	53.29670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8569449	44.42784	.0995957	-.000154	1.411237	.1158871	1.009699
Stddev	.0136389	.42753	.0014696	.000221	.073828	.0014991	.007844
%RSD	1.591573	.9623059	1.475511	143.7309	5.231421	1.293562	.7768245

#1	.8451266	43.94823	.1005439	-.000386	1.400100	.1156509	1.008587
#2	.8538392	44.56635	.1003404	.000055	1.343610	.1174903	1.002471
#3	.8718688	44.76895	.0979029	-.000131	1.490000	.1145202	1.018040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332492	.3487045	.0621707	.0054182	5.622365	20.33172	.0413489
Stddev	.057860	.0065498	.0013618	.0001562	.080787	.19947	.0013303
%RSD	2.480606	1.878335	2.190389	2.882593	1.436891	.9810540	3.217173

#1	2.265743	.3474552	.0607119	.0052400	5.628168	20.25374	.0426285
#2	2.368352	.3557890	.0623918	.0055312	5.700093	20.18303	.0414451
#3	2.363382	.3428693	.0634084	.0054833	5.538832	20.55840	.0399731

Sample Name: J3033-02 Acquired: 5/30/2018 16:23:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6789183	.0270756	.1446810
Stddev	.0072062	.0007875	.0003102
%RSD	1.061421	2.908498	.2144051

#1	.6743929	.0264613	.1449930
#2	.6751337	.0268021	.1443726
#3	.6872282	.0279634	.1446774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2653.798	2735.987	68927.62	8556.636	4236.980
Stddev	11.641	31.939	377.07	52.936	56.620
%RSD	.4386662	1.167367	.5470503	.6186561	1.336323

#1	2647.811	2715.891	68534.78	8605.108	4205.928
#2	2667.215	2719.254	69286.64	8564.651	4202.680
#3	2646.369	2772.816	68961.45	8500.150	4302.332

Sample Name: J3033-03 Acquired: 5/30/2018 16:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972119	.1133922	.5981291	.1076082	.2141831	44.45622	4.906411
Stddev	.0015166	.0004987	.0032167	.0061393	.0012538	.17962	.028010
%RSD	1.560132	.4397787	.5377973	5.705274	.5853790	.4040291	.5708954

#1	.0955054	.1128164	.6006373	.1095473	.2145189	44.65803	4.938703
#2	.0984060	.1136828	.5945024	.1007334	.2152347	44.39678	4.888674
#3	.0977242	.1136775	.5992476	.1125438	.2127956	44.31387	4.891857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1169759	.1206655	105.9847	.6040028	1.193121	.7053184	54.48237
Stddev	.0019431	.0004917	.3384	.0717261	.004131	.0070094	.12354
%RSD	1.661100	.4075038	.3192489	11.87513	.3462626	.9937926	.2267489

#1	.1157178	.1205654	106.3176	.5614170	1.193780	.7134070	54.62168
#2	.1159961	.1202314	105.9953	.5637776	1.188699	.7015231	54.43929
#3	.1192138	.1211995	105.6412	.6868138	1.196882	.7010250	54.38615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.005702	44.03457	1.268806	.1133084	1.375793	1.298847	2.191581
Stddev	.014526	.05068	.003741	.0118357	.137736	.010874	.207863
%RSD	.7242220	.1150922	.2948784	10.44559	10.01137	.8371849	9.484593

#1	2.022362	44.07857	1.269627	.1066414	1.275306	1.307002	2.102516
#2	1.999056	43.97916	1.264722	.1063100	1.532798	1.303039	2.043092
#3	1.995689	44.04599	1.272069	.1269738	1.319275	1.286502	2.429136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.341180	.3554753	.0607547	.0030131	5.353333	20.78991	.0355514
Stddev	.080574	.0027658	.0027393	.0002296	.039717	.38024	.0011121
%RSD	3.441590	.7780543	4.508803	7.618421	.7419085	1.828948	3.128000

#1	2.428538	.3552451	.0635113	.0031983	5.363224	20.59101	.0361403
#2	2.269778	.3528318	.0607199	.0030847	5.309606	20.55037	.0362451
#3	2.325225	.3583490	.0580330	.0027563	5.387170	21.22834	.0342687

Sample Name: J3033-03 Acquired: 5/30/2018 16:27:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7247033	.0287577	.1429801
Stddev	.0071267	.0003813	.0009876
%RSD	.9833886	1.325770	.6907199

#1	.7327082	.0290919	.1440809
#2	.7223533	.0283424	.1426879
#3	.7190484	.0288387	.1421716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.827	2759.538	64665.29	8579.293	4278.900
Stddev	221.876	.855	5901.15	16.674	13.576
%RSD	8.864994	.0309935	9.125691	.1943554	.3172798

#1	2631.670	2759.383	68213.38	8571.977	4279.596
#2	2630.183	2760.460	67929.30	8567.527	4292.115
#3	2246.629	2758.771	57853.20	8598.375	4264.990

Sample Name: J3080-03 Acquired: 5/30/2018 16:36:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459780	.0615339	.0241043	.0623859	.1097203	2.148247	2.314513
Stddev	.0057506	.0016569	.0015844	.0016779	.0029646	.020451	.024424
%RSD	12.50717	2.692661	6.573096	2.689608	2.701982	.9519716	1.055245

#1	.0525947	.0599025	.0250129	.0610393	.1113087	2.160919	2.311973
#2	.0421862	.0614840	.0222748	.0618528	.1063000	2.159168	2.340108
#3	.0431532	.0632152	.0250252	.0642656	.1115524	2.124654	2.291459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603701	.0606285	11.06307	.2555957	.5906836	.2927626	1.240011
Stddev	.0006841	.0011655	.09533	.0057383	.0109568	.0074360	.018124
%RSD	1.133248	1.922344	.8617354	2.245048	1.854930	2.539937	1.461596

#1	.0606509	.0619696	11.08906	.2621081	.6031846	.2908836	1.249374
#2	.0608691	.0598607	11.14273	.2533969	.5827468	.3009579	1.251538
#3	.0595902	.0600553	10.95744	.2512819	.5861193	.2864464	1.219120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6129049	.1515210	.5996815	.0551720	148.1332	.6122447	.5866991
Stddev	.0078345	.0352831	.0117305	.0012621	1.1150	.0104760	.0149868
%RSD	1.278250	23.28594	1.956115	2.287592	.7527221	1.711082	2.554429

#1	.6094070	.1153593	.6130646	.0564512	148.3168	.6205908	.6039973
#2	.6218790	.1858544	.5911809	.0551372	149.1450	.6156548	.5776210
#3	.6074288	.1533495	.5947990	.0539277	146.9377	.6004886	.5784791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3089218	.0084297	.5540819	.0098365	44.38836	6.850755	-.000582
Stddev	.0546443	.0000446	.0042014	.0000950	.89283	.068343	.000451
%RSD	17.68870	.5289739	.7582724	.9661518	2.011413	.9976016	77.51973

#1	.2898781	.0084622	.5577568	.0098573	45.41025	6.875016	-.000063
#2	.2663477	.0084480	.5549873	.0099195	43.75927	6.903658	-.000804
#3	.3705398	.0083788	.5495015	.0097328	43.99557	6.773591	-.000880

Sample Name: J3080-03 Acquired: 5/30/2018 16:36:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001246	.0413715	.1686134
Stddev	.000656	.0003007	.0017469
%RSD	52.66203	.7267798	1.036068

#1	-.001863	.0410799	.1683830
#2	-.001320	.0413541	.1704641
#3	-.000556	.0416805	.1669931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.472	2761.005	66114.87	8386.915	4403.307
Stddev	28.858	42.320	1070.48	73.379	68.507
%RSD	1.104635	1.532777	1.619122	.8749179	1.555802

#1	2579.151	2714.119	64891.61	8429.868	4325.501
#2	2628.822	2796.375	66572.64	8302.187	4454.573
#3	2629.442	2772.521	66880.34	8428.688	4429.847

Sample Name: CCV090 Acquired: 5/30/2018 16:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.849421	4.735263	23.85757	4.716187	4.774070	402.6993
Stddev	.071219	.069674	.38413	.062455	.068964	2.5021
%RSD	1.468608	1.471388	1.610085	1.324279	1.444554	.6213362

#1	4.863276	4.744970	24.01265	4.744664	4.812475	401.1069
#2	4.772293	4.661245	23.42014	4.644568	4.694454	405.5832
#3	4.912695	4.799575	24.13990	4.759329	4.815282	401.4077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.779889	.4911349	2.419139	401.7259	14.78924	2.435872
Stddev	.069994	.0040379	.040368	2.6467	.29163	.042573
%RSD	.7156939	.8221561	1.668685	.6588439	1.971906	1.747756

#1	9.710670	.4891650	2.434505	402.0215	14.88981	2.454109
#2	9.850634	.4957797	2.373345	404.2124	15.01728	2.387219
#3	9.778363	.4884601	2.449568	398.9438	14.46064	2.466289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57839	408.0042	14.56500	399.5241	2.423167	1.174171
Stddev	.09032	2.0141	.09200	2.0571	.038085	.019065
%RSD	.6195464	.4936523	.6316246	.5148767	1.571689	1.623717

#1	14.49324	408.3813	14.62081	400.1242	2.437407	1.182294
#2	14.67312	409.8032	14.61536	401.2144	2.380014	1.187829
#3	14.56880	405.8282	14.45882	397.2337	2.452079	1.152389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.3000	2.427536	14.62616	148.0832	F 6.562809	4.919671
Stddev	2.0850	.020005	.18685	1.1539	.099324	.030570
%RSD	.5247890	.8240690	1.277527	.7792053	1.513440	.6213841

#1	395.6772	2.415001	14.60705	147.0889	6.579123	4.911530
#2	399.6515	2.450607	14.82184	149.3484	6.456338	4.953488
#3	396.5712	2.417001	14.44960	147.8122	6.652967	4.893996

Sample Name: CCV090 Acquired: 5/30/2018 16:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.729982	5.000846	4.758615	4.787831	4.832174	4.916816
Stddev	.072387	.076475	.035817	.067184	.027293	.032095
%RSD	1.530393	1.529249	.7526853	1.403229	.5648083	.6527511

#1	4.760084	5.039967	4.750360	4.805330	4.822736	4.890401
#2	4.647401	4.912725	4.797840	4.713629	4.862933	4.952535
#3	4.782462	5.049848	4.727646	4.844534	4.810854	4.907512

Elem	Sr4077
Units	ppm
Avg	4.903513
Stddev	.039774
%RSD	.8111384

#1	4.865423
#2	4.944781
#3	4.900336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.137	2282.336	59036.73	7695.866	3429.065
Stddev	33.297	28.595	964.13	48.454	43.533
%RSD	1.498439	1.252901	1.633100	.6296066	1.269540

#1	2218.170	2264.655	58655.63	7717.697	3406.953
#2	2191.001	2315.327	58321.41	7640.338	3479.217
#3	2257.240	2267.026	60133.16	7729.564	3401.027

Sample Name: CCB090 Acquired: 5/30/2018 16:43:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000224	.0022284	-.000515	.0007128	-.000023	.0111768	.0007359
Stddev	.004693	.0008042	.001378	.0011618	.002113	.0119729	.0003522
%RSD	2096.694	36.08823	267.8519	162.9884	9189.689	107.1228	47.85508

#1	.004893	.0028333	.000995	.0020095	-.002452	.0185536	.0005093
#2	-.004326	.0013158	-.000832	.0003623	.000994	.0176146	.0011417
#3	-.001239	.0025362	-.001707	-.000233	.001389	-.002638	.0005569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000020	.0000833	.0158281	-.000135	-.000012	-.000259	.0047301
Stddev	.0000327	.0000810	.0071462	.000058	.000061	.003205	.0079845
%RSD	1671.323	97.28192	45.14907	42.73932	514.3019	1239.639	168.8013

#1	-.000011	.0001420	.0076399	-.000173	-.000022	-.003403	-.000868
#2	-.000023	.0001171	.0190369	-.000163	.000054	.003004	.013873
#3	.000039	-.000009	.0208076	-.000069	-.000067	-.000377	.001184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0101556	-.000131	-.000136	-.019328	-.003330	-.004609
Stddev	.000865	.0304493	.000261	.000283	.132507	.004450	.007865
%RSD	1234.043	299.8283	199.7025	207.9681	685.5546	133.6417	170.6588

#1	-.000477	-.014864	-.000387	.000182	.035236	-.007661	.003667
#2	.000923	.044059	-.000140	-.000231	.077184	-.003560	-.011986
#3	-.000656	.001272	.000135	-.000360	-.170406	.001231	-.005508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250433	-.000125	.0028186	.0001107	-.008372	-.003696	-.000854
Stddev	.0146933	.000174	.0004728	.0001312	.003647	.000383	.000496
%RSD	58.67169	139.5986	16.77451	118.6037	43.56727	10.37012	58.08426

#1	.0343976	-.000321	.0025251	-.000034	-.004387	-.004125	-.000323
#2	.0326244	.000011	.0033640	.000143	-.009184	-.003387	-.000935
#3	.0081078	-.000064	.0025667	.000223	-.011544	-.003575	-.001305

Sample Name: CCB090 Acquired: 5/30/2018 16:43:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000142	.0006672	.0000398
Stddev	.000921	.0014118	.0000335
%RSD	646.6838	211.6223	84.14949

#1	-.000089	.0020043	.0000710
#2	.000751	.0008063	.0000044
#3	-.001089	-.000809	.0000439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.253	2742.428	66792.29	8184.043	4559.684
Stddev	34.343	44.465	1124.73	50.005	70.443
%RSD	1.316212	1.621361	1.683918	.6110079	1.544903

#1	2574.241	2793.698	65571.29	8234.120	4640.971
#2	2610.632	2714.427	67019.53	8183.900	4516.503
#3	2642.886	2719.157	67786.05	8134.110	4521.577

Sample Name: J3033-01LX5 Acquired: 5/30/2018 16:47:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069057	.0011301	.1165053	-.003498	.0000788	8.163718	.0651524
Stddev	.0031950	.0011607	.0013280	.002179	.0011609	.229314	.0018095
%RSD	46.26546	102.7110	1.139831	62.29206	1472.855	2.808936	2.777338

#1	.0099004	-.000106	.1178411	-.005654	-.001181	7.899225	.0631846
#2	.0035424	.001299	.1151853	-.001297	.001106	8.306789	.0667446
#3	.0072743	.002197	.1164895	-.003544	.000311	8.285141	.0655281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007670	.0011321	22.00842	.0193603	.0033135	.0247673	10.89262
Stddev	.0000422	.0001770	.65526	.0009808	.0002158	.0034723	.28353
%RSD	5.494656	15.63389	2.977322	5.066210	6.512790	14.01985	2.602935

#1	.0007844	.0009719	21.25646	.0194462	.0034802	.0214820	10.56530
#2	.0007977	.0011023	22.31172	.0202954	.0030698	.0284005	11.06218
#3	.0007190	.0013222	22.45708	.0183394	.0033906	.0244195	11.05038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1732758	9.058566	.0200257	-.000441	.3171546	.0233215	.1975817
Stddev	.0035104	.274157	.0006378	.000172	.0770490	.0039603	.0103928
%RSD	2.025881	3.026490	3.184875	39.07734	24.29382	16.98122	5.259988

#1	.1692370	8.816023	.0207175	-.000538	.3715237	.0190929	.2056160
#2	.1755926	9.003653	.0194611	-.000542	.2289820	.0269434	.2012844
#3	.1749979	9.356023	.0198984	-.000242	.3509581	.0239281	.1858446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4590505	.0674591	.0118615	.0009756	1.066307	4.071452	.0075414
Stddev	.0310549	.0008608	.0007532	.0001701	.002786	.076848	.0009740
%RSD	6.765033	1.276094	6.349728	17.43334	.2612422	1.887494	12.91596

#1	.4511850	.0681691	.0110040	.0009067	1.068313	3.983374	.0067246
#2	.4932819	.0665016	.0121650	.0008508	1.063126	4.106146	.0086194
#3	.4326846	.0677064	.0124157	.0011693	1.067481	4.124837	.0072802

Sample Name: J3033-01LX5 Acquired: 5/30/2018 16:47:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1425879	.0048858	.0294618
Stddev	.0035409	.0007251	.0009034
%RSD	2.483285	14.84031	3.066359

#1	.1385226	.0050713	.0284230
#2	.1449977	.0055001	.0300633
#3	.1442436	.0040860	.0298991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2655.681	2758.666	67710.52	8360.823	4501.935
Stddev	16.021	14.738	128.38	169.763	21.830
%RSD	.6032752	.5342461	.1896084	2.030453	.4848995

#1	2656.225	2741.918	67854.69	8556.270	4477.099
#2	2639.395	2769.652	67668.34	8276.130	4518.085
#3	2671.424	2764.430	67608.54	8250.070	4510.622

Sample Name: J3025-03 Acquired: 5/30/2018 16:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817272	.0434006	.9512007	-.077866	.0115004	121.7271
Stddev	.0032531	.0017486	.0507875	.003828	.0010482	1.0389
%RSD	3.980502	4.028990	5.339302	4.915681	9.114038	.8534635

#1	.0814706	.0414544	1.009823	-.082283	.0106695	121.8455
#2	.0851011	.0439079	.923268	-.075794	.0126780	120.6341
#3	.0786100	.0448394	.920511	-.075520	.0111537	122.7018

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.088678	.0180368	.0082609	84.30262	.3337513	.2265471
Stddev	.033034	.0001986	.0013404	.91118	.0049680	.0116592
%RSD	.8079288	1.101129	16.22552	1.080842	1.488530	5.146468

#1	4.100441	.0181625	.0097854	84.14753	.3297430	.2400098
#2	4.051374	.0178079	.0077302	83.47894	.3322015	.2197698
#3	4.114221	.0181401	.0072672	85.28139	.3393095	.2198616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1957709	435.4373	F 49.08355	39.64956	.1589217	-.014643
Stddev	.0043434	2.9926	.48352	.27207	.0087267	.000510
%RSD	2.218624	.6872616	.9850951	.6861943	5.491221	3.483365

#1	.1927731	434.6006	48.91057	39.40635	.1689527	-.014098
#2	.1937876	432.9520	48.71032	39.59895	.1530757	-.014720
#3	.2007519	438.7591	49.62977	39.94339	.1547367	-.015109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.490610	.4007194	1.208870	5.292080	.4326193	.2514441
Stddev	.139915	.0096172	.014975	.012325	.0225588	.0060989
%RSD	4.008328	2.399989	1.238787	.2328969	5.214473	2.425534

#1	3.569671	.4106542	1.192415	5.297506	.4585672	.2497041
#2	3.329062	.4000490	1.212494	5.277973	.4176628	.2582239
#3	3.573097	.3914549	1.221700	5.300761	.4216279	.2464045

Sample Name: J3025-03 Acquired: 5/30/2018 16:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT90 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097437	1.962874	12.09582	.0581596	1.544134	.0757255
Stddev	.0003574	.104148	.13600	.0051244	.011419	.0009329
%RSD	3.667610	5.305900	1.124355	8.810878	.7395065	1.232012

#1	.0101245	2.082739	12.08554	.0638552	1.543793	.0765395
#2	.0094156	1.894510	11.96526	.0539229	1.532889	.0759295
#3	.0096910	1.911372	12.23667	.0567008	1.555719	.0747074

Elem	Sr4077
Units	ppm
Avg	.2310949
Stddev	.0017256
%RSD	.7467245

#1	.2320756
#2	.2291024
#3	.2321068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.696	2957.931	76237.30	9640.135	3941.912
Stddev	28.443	105.801	727.13	93.341	178.934
%RSD	.9708452	3.576855	.9537722	.9682572	4.539279

#1	2953.396	2836.186	76677.81	9614.531	3735.376
#2	2937.537	3027.610	76636.06	9743.607	4050.142
#3	2898.155	3009.996	75398.03	9562.268	4040.218

Sample Name: J3025-04 Acquired: 5/30/2018 16:56:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640310	.0090510	1.489084	-.084450	.0162851	114.4003	1.323773
Stddev	.0043985	.0079811	.072204	.007704	.0038391	.8531	.007770
%RSD	6.869380	88.17920	4.848910	9.122928	23.57409	.7457233	.5869674

#1	.0667995	.0158614	1.441966	-.084451	.0123674	114.2123	1.323875
#2	.0589591	.0110229	1.453075	-.076745	.0164475	115.3318	1.331492
#3	.0663344	.0002688	1.572212	-.092153	.0200404	113.6570	1.315953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133707	.0160697	183.4245	.3191123	.0814017	.7683721	501.7105
Stddev	.0003291	.0015280	1.8769	.0059030	.0043483	.0016677	4.1835
%RSD	2.461344	9.508440	1.023265	1.849806	5.341816	.2170473	.8338520

#1	.0132195	.0152808	182.8685	.3258105	.0793629	.7695268	501.4008
#2	.0137482	.0150974	185.5165	.3146696	.0784473	.7664601	506.0402
#3	.0131443	.0178308	181.8883	.3168569	.0863948	.7691293	497.6904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.18468	95.02754	.2224778	-.014412	6.588350	.2222083	2.460088
Stddev	.19999	1.09553	.0100101	.001113	.233348	.0029637	.017467
%RSD	1.163751	1.152859	4.499386	7.724342	3.541824	1.333736	.7100176

#1	17.13302	95.09238	.2166992	-.015359	6.771580	.2254826	2.478129
#2	17.40543	96.08921	.2166977	-.013186	6.667823	.2214329	2.443258
#3	17.01560	93.90102	.2340365	-.014691	6.325646	.2197094	2.458876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.942756	.6404175	.3091111	.0576379	5.047891	14.30413	.0760263
Stddev	.135726	.0299378	.0080417	.0025748	.215482	.12993	.0033197
%RSD	1.517721	4.674732	2.601542	4.467151	4.268755	.9083216	4.366479

#1	8.866271	.6159341	.3036150	.0556354	4.887173	14.28860	.0762015
#2	9.099464	.6315240	.3183409	.0567360	4.963751	14.44113	.0726225
#3	8.862533	.6737943	.3053774	.0605423	5.292748	14.18267	.0792549

Sample Name: J3025-04 Acquired: 5/30/2018 16:56:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAT91 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.558556	.0870423	.2951418
Stddev	.029411	.0019948	.0011790
%RSD	.8264817	2.291706	.3994759

#1	3.549320	.0853920	.2946754
#2	3.591477	.0892590	.2964827
#3	3.534872	.0864759	.2942674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.915	2768.104	71056.77	8978.669	3907.524
Stddev	43.710	83.590	1103.34	46.098	145.439
%RSD	1.607620	3.019739	1.552760	.5134171	3.722012

#1	2680.456	2828.176	69885.65	9009.601	4002.100
#2	2766.451	2803.494	72076.74	8925.687	3980.419
#3	2709.840	2672.641	71207.92	9000.719	3740.053

Sample Name: J3025-05 Acquired: 5/30/2018 17:00:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957149	.0150715	1.540307	-.075221	.0134459	112.3101	2.045806
Stddev	.0031651	.0011567	.006700	.003489	.0025168	.3956	.006270
%RSD	3.306803	7.674750	.4349641	4.638634	18.71786	.3522800	.3064890

#1	.0921411	.0139589	1.532594	-.073057	.0154600	111.9205	2.038672
#2	.0968396	.0162678	1.543644	-.073359	.0142532	112.2984	2.048300
#3	.0981641	.0149878	1.544683	-.079246	.0106245	112.7115	2.050445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136068	.0167344	114.6629	.5051258	.1129348	.9640301	470.6816
Stddev	.0001292	.0003021	.8222	.0158303	.0006518	.0043052	2.2529
%RSD	.9497057	1.805200	.7170302	3.133930	.5771152	.4465812	.4786562

#1	.0134582	.0163857	113.8705	.4971754	.1121840	.9689030	469.8829
#2	.0136928	.0169155	114.6064	.4948464	.1133558	.9607417	468.9368
#3	.0136694	.0169021	115.5119	.5233555	.1132644	.9624455	473.2251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.75725	56.10373	.3235485	-.015303	3.365859	.2742180	2.932135
Stddev	.10396	.37617	.0021338	.000938	.052162	.0079534	.059619
%RSD	.5542380	.6704930	.6595116	6.132254	1.549750	2.900408	2.033289

#1	18.69055	56.00074	.3211117	-.015151	3.413020	.2825347	2.949065
#2	18.70416	55.78977	.3244511	-.014449	3.309832	.2666859	2.865882
#3	18.87703	56.52067	.3250827	-.016307	3.374725	.2734333	2.981458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.905608	.7882107	.2864149	.0530904	4.598768	13.43409	.1002046
Stddev	.005026	.0042829	.0129903	.0004188	.016844	.16207	.0033763
%RSD	.0635738	.5433709	4.535479	.7887755	.3662631	1.206411	3.369420

#1	7.907776	.7836973	.3003576	.0526161	4.579759	13.27575	.0981820
#2	7.909186	.7887166	.2842339	.0532463	4.611836	13.42689	.0983296
#3	7.899862	.7922182	.2746531	.0534089	4.604709	13.59965	.1041023

Sample Name: J3025-05 Acquired: 5/30/2018 17:00:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAT92 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.692941	.0763796	.2746656
Stddev	.007590	.0008211	.0001998
%RSD	.4483441	1.075053	.0727281

#1	1.686356	.0772988	.2745636
#2	1.691224	.0757186	.2748958
#3	1.701242	.0761215	.2745376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.094	2900.720	71319.64	9250.960	4089.639
Stddev	60.071	7.457	1579.98	78.532	10.863
%RSD	2.188311	.2570896	2.215357	.8489045	.2656138

#1	2775.834	2908.890	71892.09	9339.669	4100.721
#2	2783.574	2898.989	72533.60	9222.893	4079.010
#3	2675.874	2894.280	69533.22	9190.317	4089.184

Sample Name: J3025-06 Acquired: 5/30/2018 17:03:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793073	.0094967	1.405975	-.063316	.0130641	113.2305	1.320775
Stddev	.0034359	.0035999	.042720	.002452	.0023235	3.4584	.036269
%RSD	4.332359	37.90713	3.038428	3.873297	17.78519	3.054308	2.746042

#1	.0757687	.0106740	1.364324	-.061788	.0112677	109.6369	1.283481
#2	.0795230	.0054555	1.449688	-.066145	.0122365	116.5356	1.355923
#3	.0826303	.0123605	1.403914	-.062015	.0156880	113.5191	1.322920

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162703	.0209918	81.36035	.3497769	.1011996	.5741987	440.7929
Stddev	.0002197	.0008364	2.84211	.0093658	.0028486	.0175141	14.3393
%RSD	1.350349	3.984263	3.493237	2.677648	2.814813	3.050179	3.253061

#1	.0160314	.0203323	78.40672	.3595431	.0989705	.5568005	426.1245
#2	.0163158	.0219325	84.07596	.3408709	.1044089	.5918264	454.7786
#3	.0164636	.0207105	81.59838	.3489167	.1002196	.5739692	441.4755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.93846	31.84989	.1502481	-.012572	2.417782	.3993105	3.164694
Stddev	.43947	1.07612	.0048865	.002449	.146211	.0107614	.056285
%RSD	3.396650	3.378716	3.252284	19.47557	6.047318	2.694988	1.778540

#1	12.48006	30.79719	.1457574	-.015144	2.268678	.3869172	3.191259
#2	13.35617	32.94799	.1554520	-.010269	2.560917	.4062884	3.100043
#3	12.97915	31.80450	.1495349	-.012305	2.423751	.4047260	3.202781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.501323	1.170856	.2851548	.0151347	5.108715	16.16700	.0731560
Stddev	.230572	.036246	.0199292	.0003097	.147684	.33745	.0022583
%RSD	3.073746	3.095713	6.988923	2.046244	2.890832	2.087246	3.086958

#1	7.239806	1.142703	.2657767	.0147970	4.984514	15.82275	.0712802
#2	7.675326	1.211753	.3055929	.0154054	5.272015	16.49720	.0756626
#3	7.588836	1.158112	.2840948	.0152016	5.069616	16.18104	.0725251

Sample Name: J3025-06 Acquired: 5/30/2018 17:03:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAT93 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.176364	.0616350	.1725031
Stddev	.036834	.0025373	.0049545
%RSD	3.131132	4.116652	2.872142

#1	1.139496	.0587725	.1674548
#2	1.213163	.0636072	.1773582
#3	1.176434	.0625252	.1726962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.092	3063.446	74992.99	9537.369	4132.587
Stddev	56.956	57.021	1401.69	223.978	97.208
%RSD	1.987237	1.861332	1.869094	2.348425	2.352239

#1	2817.959	3109.670	73719.82	9765.639	4212.229
#2	2928.971	2999.728	76495.03	9317.945	4024.266
#3	2851.346	3080.940	74764.13	9528.523	4161.267

Sample Name: J3025-07 Acquired: 5/30/2018 17:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663293	.0312212	1.127851	-.114004	.0159312	135.4022
Stddev	.0023921	.0009375	.007853	.002913	.0005190	1.0083
%RSD	3.606399	3.002842	.6962844	2.554855	3.257578	.7446390

#1	.0645682	.0302101	1.127914	-.112473	.0155270	136.4753
#2	.0690527	.0313918	1.119966	-.112177	.0165164	134.4745
#3	.0653671	.0320617	1.135672	-.117363	.0157503	135.2568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.010903	.0276869	.0044128	27.77251	.5615481	.2289226
Stddev	.033712	.0004378	.0002002	.13167	.0269925	.0022967
%RSD	.8405164	1.581130	4.536840	.4741005	4.806802	1.003276

#1	4.048381	.0280564	.0041850	27.90202	.5796497	.2295066
#2	3.983049	.0272034	.0045609	27.63878	.5305236	.2263903
#3	4.001280	.0278009	.0044924	27.77673	.5744711	.2308710

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1093339	732.6603	F 37.77509	11.85652	.1238164	-.022567
Stddev	.0042665	4.8936	.19077	.07750	.0013100	.003029
%RSD	3.902258	.6679163	.5050169	.6536345	1.058019	13.42113

#1	.1069492	737.3509	37.97080	11.92078	.1232609	-.025129
#2	.1067928	727.5863	37.58967	11.77045	.1228757	-.019224
#3	.1142595	733.0435	37.76481	11.87833	.1253126	-.023346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.546112	.8774692	1.202341	4.361625	.8080036	.4256776
Stddev	.216311	.0155606	.040666	.017186	.0078780	.0111236
%RSD	8.495739	1.773350	3.382195	.3940352	.9749958	2.613159

#1	2.547943	.8942449	1.231054	4.356943	.8056981	.4201892
#2	2.328891	.8635078	1.155807	4.347265	.8015355	.4384788
#3	2.761502	.8746549	1.220161	4.380668	.8167771	.4183648

Sample Name: J3025-07 Acquired: 5/30/2018 17:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT94 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039382	1.910293	14.48556	.2052264	.7474919	.0584620
Stddev	.0001882	.029954	.19021	.0041756	.0076084	.0005945
%RSD	4.779252	1.568023	1.313124	2.034647	1.017855	1.016951

#1	.0041419	1.894980	14.65008	.2068569	.7558986	.0591429
#2	.0037708	1.891092	14.27728	.2004815	.7410788	.0580458
#3	.0039019	1.944808	14.52933	.2083408	.7454984	.0581972

Elem	Sr4077
Units	ppm
Avg	.1435766
Stddev	.0015235
%RSD	1.061096

#1	.1451662
#2	.1421292
#3	.1434345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.879	3186.847	80179.05	10027.06	4107.073
Stddev	120.272	24.755	2908.47	79.78	35.102
%RSD	3.902550	.7767922	3.627467	.7956890	.8546742

#1	2993.943	3201.508	77861.57	9954.75	4118.420
#2	3218.937	3200.768	83442.82	10112.65	4135.098
#3	3032.757	3158.266	79232.76	10013.79	4067.701

Sample Name: J3025-08 Acquired: 5/30/2018 17:11:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904182	.1104992	1.397386	-.075353	.0144501	122.5473
Stddev	.0058433	.0021903	.013342	.005239	.0030843	.7500
%RSD	6.462480	1.982187	.9548017	6.952574	21.34474	.6120310

#1	.0866840	.1118173	1.393374	-.081156	.0109989	123.2197
#2	.0874186	.1079708	1.386511	-.070971	.0154144	122.6838
#3	.0971521	.1117095	1.412275	-.073932	.0169372	121.7384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.140596	.0181850	.0132723	101.4707	.2453337	.3884528
Stddev	.042156	.0000308	.0005138	.7966	.0019410	.0028088
%RSD	.5178542	.1695614	3.871225	.7850315	.7911515	.7230779

#1	8.166815	.0182008	.0128580	102.2911	.2431113	.3885845
#2	8.163004	.0182047	.0131116	101.4208	.2461943	.3855805
#3	8.091967	.0181494	.0138472	100.7003	.2466956	.3911935

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4384737	491.1158	F 100.2762	42.34092	.1695951	-.018728
Stddev	.0042927	4.0960	.9656	.13806	.0023505	.000402
%RSD	.9790039	.8340225	.9629850	.3260685	1.385952	2.145761

#1	.4413083	495.6632	101.3666	42.42741	.1680333	-.018623
#2	.4335349	489.9683	99.9332	42.41364	.1684536	-.019172
#3	.4405779	487.7159	99.5290	42.18170	.1722983	-.018390

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.902362	.1298050	1.922634	8.345629	.5877413	.3000749
Stddev	.132340	.0054932	.001601	.009004	.0074447	.0106809
%RSD	3.391278	4.231910	.0832601	.1078930	1.266667	3.559405

#1	4.037154	.1360528	1.922988	8.355791	.5869622	.3101268
#2	3.772618	.1276291	1.920886	8.338641	.5807168	.2888602
#3	3.897314	.1257329	1.924028	8.342456	.5955449	.3012379

Sample Name: J3025-08 Acquired: 5/30/2018 17:11:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT95 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157667	2.421685	9.070372	.0667919	1.610000	.1103002
Stddev	.0004213	.029133	.062149	.0020910	.008550	.0005487
%RSD	2.672063	1.202987	.6851817	3.130665	.5310518	.4974704

#1	.0162158	2.411968	9.106895	.0682134	1.616833	.1108791
#2	.0153802	2.398653	9.105609	.0643909	1.612756	.1102336
#3	.0157042	2.454435	8.998613	.0677714	1.600412	.1097878

Elem	Sr4077
Units	ppm
Avg	.2596841
Stddev	.0010722
%RSD	.4128959

#1	.2605284
#2	.2600461
#3	.2584777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.596	2971.046	73990.72	9355.376	4028.424
Stddev	7.400	17.272	164.33	56.416	27.200
%RSD	.2597768	.5813529	.2220996	.6030380	.6751945

#1	2840.880	2975.322	73864.94	9295.946	4028.364
#2	2855.633	2985.779	74176.65	9361.983	4055.653
#3	2849.276	2952.037	73930.57	9408.197	4001.254

Sample Name: J3025-09 Acquired: 5/30/2018 17:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351392	.0133673	1.439764	-.058362	.0123232	119.3256	2.217552
Stddev	.0045376	.0036511	.048388	.001967	.0018108	.2703	.001754
%RSD	3.357735	27.31328	3.360814	3.370439	14.69400	.2265038	.0790742

#1	.1390458	.0094228	1.426652	-.057611	.0108592	119.1266	2.219149
#2	.1362098	.0166283	1.493357	-.060594	.0143480	119.2170	2.215675
#3	.1301621	.0140509	1.399284	-.056880	.0117623	119.6333	2.217830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134817	.0449881	103.2805	.3121920	.1118279	1.077374	375.4129
Stddev	.0000994	.0017408	.6038	.0082194	.0034344	.002825	2.4438
%RSD	.7370659	3.869508	.5846491	2.632789	3.071150	.2622227	.6509583

#1	.0135721	.0448664	102.7989	.3150916	.1115420	1.074741	373.5873
#2	.0134976	.0467866	103.0845	.3029159	.1153963	1.077020	374.4622
#3	.0133753	.0433113	103.9579	.3185687	.1085454	1.080359	378.1891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.25651	33.92994	.1958859	-.011022	2.061437	.2901988	3.779440
Stddev	.11998	.34442	.0065591	.000645	.061933	.0039652	.091665
%RSD	.7380675	1.015086	3.348406	5.855525	3.004343	1.366359	2.425356

#1	16.17505	33.74662	.1946804	-.011185	2.114074	.2914788	3.798919
#2	16.20018	33.71594	.2029641	-.010310	1.993194	.2857518	3.679601
#3	16.39429	34.32724	.1900133	-.011569	2.077045	.2933659	3.859799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.234737	1.152299	.2392975	.0143699	6.686422	14.68828	.1103687
Stddev	.049596	.033496	.0129617	.0006082	.226559	.10352	.0031485
%RSD	.5370583	2.906917	5.416559	4.232201	3.388346	.7047845	2.852695

#1	9.227461	1.148273	.2255988	.0139444	6.649340	14.79095	.1092227
#2	9.189181	1.187626	.2409253	.0150665	6.929235	14.58393	.1139296
#3	9.287569	1.120997	.2513684	.0140990	6.480691	14.68997	.1079536

Sample Name: J3025-09 Acquired: 5/30/2018 17:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6246815	.0744209	.2235091
Stddev	.0021813	.0003736	.0003502
%RSD	.3491859	.5019823	.1566828

#1	.6264034	.0746355	.2231181
#2	.6254125	.0746377	.2236150
#3	.6222286	.0739895	.2237941

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.573	2984.168	74448.97	9394.627	4141.680
Stddev	51.971	68.482	1378.79	19.436	118.503
%RSD	1.821270	2.294856	1.851998	.2068891	2.861238

#1	2832.551	3003.607	73935.64	9374.446	4165.727
#2	2912.762	2908.067	76010.79	9413.221	4012.998
#3	2815.406	3040.829	73400.47	9396.213	4246.316

Sample Name: J3025-10 Acquired: 5/30/2018 17:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897898	.0083287	1.244245	-.077847	.0153432	125.9104	1.906534
Stddev	.0061432	.0051396	.045583	.004629	.0025177	2.0990	.021608
%RSD	6.841710	61.70978	3.663477	5.946929	16.40915	1.667077	1.133355

#1	.0847784	.0124574	1.215890	-.072655	.0126147	123.5486	1.881588
#2	.0879477	.0025723	1.296825	-.081546	.0158386	126.6199	1.919432
#3	.0966432	.0099564	1.220020	-.079339	.0175765	127.5628	1.918582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166660	.0381797	151.8017	.3744145	.1195857	1.013286	478.4597
Stddev	.0004211	.0021507	3.6948	.0015730	.0046856	.012994	11.2597
%RSD	2.526929	5.633034	2.433966	.4201097	3.918230	1.282401	2.353331

#1	.0162400	.0372222	147.8098	.3732135	.1162539	.999389	466.3079
#2	.0166760	.0406428	152.4937	.3761949	.1249435	1.015334	480.5318
#3	.0170820	.0366741	155.1016	.3738349	.1175599	1.025135	488.5395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51897	47.79682	.2493093	-.015784	2.571767	.3674187	4.464164
Stddev	.38599	1.26179	.0099825	.001154	.176293	.0091504	.046642
%RSD	2.658547	2.639901	4.004061	7.312123	6.854934	2.490458	1.044820

#1	14.11911	46.43127	.2425397	-.016779	2.588706	.3568542	4.426859
#2	14.54838	48.03962	.2607737	-.016053	2.738980	.3725466	4.516459
#3	14.88941	48.91956	.2446145	-.014519	2.387616	.3728552	4.449175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.441276	.7349996	.2813959	.0184478	4.120945	14.73331	.1168819
Stddev	.090434	.0289198	.0117009	.0006468	.173847	.20957	.0057722
%RSD	1.215300	3.934666	4.158145	3.506328	4.218631	1.422446	4.938488

#1	7.392560	.7140148	.2756198	.0179483	4.004257	14.50120	.1134262
#2	7.385644	.7679883	.2737062	.0191785	4.320749	14.79011	.1235455
#3	7.545623	.7229957	.2948616	.0182166	4.037829	14.90864	.1136739

Sample Name: J3025-10 Acquired: 5/30/2018 17:19:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7348955	.0791550	.3071123
Stddev	.0163118	.0008121	.0038685
%RSD	2.219601	1.025993	1.259632

#1	.7164053	.0783504	.3026584
#2	.7410329	.0791401	.3090439
#3	.7472483	.0799745	.3096345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.964	2950.097	74204.38	9558.765	3974.687
Stddev	26.376	81.715	545.13	117.098	127.515
%RSD	.9267873	2.769906	.7346357	1.225036	3.208172

#1	2850.015	3002.629	74659.85	9693.891	4056.038
#2	2817.797	2855.952	73600.37	9495.404	3827.726
#3	2870.080	2991.710	74352.90	9486.999	4040.297

Sample Name: J3025-11 Acquired: 5/30/2018 17:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0791256	.0088606	.9520612	-.099524	.0150154	140.2337	2.665720
Stddev	.0047321	.0053013	.0171651	.001064	.0020896	.4392	.011258
%RSD	5.980521	59.82997	1.802939	1.069352	13.91663	.3131998	.4223214

#1	.0767764	.0083474	.9651319	-.100673	.0148803	139.9086	2.662633
#2	.0845727	.0143999	.9326220	-.099325	.0129965	140.0591	2.656327
#3	.0760277	.0038346	.9584296	-.098573	.0171693	140.7334	2.678199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263470	.0324391	69.91389	.3916060	.1991248	.2530621	587.8724
Stddev	.0001584	.0012710	.37647	.0048784	.0040343	.0019263	3.0331
%RSD	.6013134	3.917966	.5384710	1.245753	2.026027	.7611768	.5159476

#1	.0261926	.0334287	69.51024	.3967801	.2017871	.2520550	584.3817
#2	.0263391	.0310058	70.25545	.3909480	.1944831	.2552831	589.8654
#3	.0265092	.0328829	69.97598	.3870900	.2011043	.2518482	589.3699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.13632	33.94724	.1637751	-.018830	2.232196	.7037827	1.410962
Stddev	.15719	.20718	.0021104	.000530	.119650	.0044997	.025656
%RSD	.6512629	.6103124	1.288573	2.814151	5.360209	.6393539	1.818305

#1	23.97127	33.70843	.1655066	-.019151	2.096000	.7004721	1.411793
#2	24.28425	34.05430	.1614244	-.019121	2.280186	.7019701	1.436193
#3	24.15344	34.07900	.1643942	-.018218	2.320400	.7089060	1.384902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.482571	.4853064	.3250652	.0059796	2.026216	13.68074	.0522464
Stddev	.015141	.0091801	.0067122	.0000525	.049467	.07373	.0028274
%RSD	.3377678	1.891603	2.064879	.8784369	2.441338	.5389661	5.411696

#1	4.496777	.4914262	.3173248	.0060399	2.061490	13.63266	.0555111
#2	4.466643	.4747508	.3292798	.0059550	1.969671	13.64392	.0505881
#3	4.484293	.4897422	.3285909	.0059438	2.047485	13.76563	.0506401

Sample Name: J3025-11 Acquired: 5/30/2018 17:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4065926	.0637127	.1366000
Stddev	.0025649	.0008849	.0006703
%RSD	.6308331	1.388900	.4906755

#1	.4048479	.0643859	.1362342
#2	.4095376	.0627104	.1361923
#3	.4053924	.0640419	.1373736

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.809	3335.879	84347.74	10739.98	4005.593
Stddev	45.011	38.198	759.01	34.65	74.093
%RSD	1.391040	1.145080	.8998582	.3226157	1.849743

#1	3199.795	3311.082	83699.50	10777.70	3953.320
#2	3221.362	3379.868	84161.04	10732.70	4090.385
#3	3286.270	3316.688	85182.67	10709.56	3973.075

Sample Name: J3025-12 Acquired: 5/30/2018 17:27:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0897843	.0055510	1.911775	-.061620	.0113056	131.6745	1.828781
Stddev	.0023101	.0016653	.008403	.001409	.0024899	.2359	.000814
%RSD	2.572891	29.99934	.4395510	2.287258	22.02368	.1791449	.0444892

#1	.0909104	.0072070	1.915227	-.062204	.0138554	131.7328	1.827849
#2	.0913154	.0055692	1.902195	-.060012	.0088802	131.8758	1.829145
#3	.0871272	.0038767	1.917902	-.062643	.0111812	131.4150	1.829349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138512	.0259651	179.0803	.3347676	.0795225	.7058763	359.5292
Stddev	.0000795	.0001383	1.0472	.0087194	.0007115	.0050386	2.5470
%RSD	.5740271	.5327703	.5847507	2.604606	.8946704	.7138097	.7084135

#1	.0139012	.0260010	179.7139	.3279687	.0796901	.7014944	361.3419
#2	.0138929	.0258124	179.6555	.3445981	.0787423	.7047526	360.6283
#3	.0137595	.0260820	177.8716	.3317360	.0801353	.7113818	356.6172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.547317	55.49918	.2120747	-.009945	2.185805	.3131312	5.094958
Stddev	.086132	.30908	.0009325	.000234	.251081	.0079248	.130271
%RSD	.9021554	.5569055	.4396963	2.350271	11.48688	2.530816	2.556871

#1	9.606389	55.75210	.2115593	-.009985	1.924019	.3048287	5.035533
#2	9.587073	55.59080	.2115137	-.010156	2.208798	.3139505	5.244345
#3	9.448488	55.15465	.2131511	-.009694	2.424599	.3206146	5.004994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.45473	1.678211	.2490735	.0123579	7.131037	19.97068	.1843069
Stddev	.06562	.008720	.0124952	.0002260	.028114	.11072	.0011375
%RSD	.5728387	.5195747	5.016691	1.829104	.3942421	.5544306	.6171988

#1	11.37940	1.678580	.2573652	.0121486	7.139079	19.88885	.1849125
#2	11.48530	1.669313	.2551534	.0123275	7.099779	19.92653	.1829947
#3	11.49948	1.686740	.2347018	.0125976	7.154253	20.09667	.1850135

Sample Name: J3025-12 Acquired: 5/30/2018 17:27:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7892839	.0845349	.3916492
Stddev	.0046582	.0008617	.0013707
%RSD	.5901808	1.019362	.3499872

#1	.7844552	.0853315	.3900896
#2	.7937505	.0846530	.3921952
#3	.7896461	.0836202	.3926627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.183	2959.913	73012.32	9492.077	4029.100
Stddev	70.772	13.157	1501.96	30.838	12.292
%RSD	2.535558	.4444982	2.057138	.3248867	.3050925

#1	2830.167	2950.932	73966.86	9526.929	4022.116
#2	2709.491	2975.015	71281.04	9468.326	4043.293
#3	2833.891	2953.793	73789.06	9480.976	4021.890

Sample Name: J3025-13 Acquired: 5/30/2018 17:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1326212	.0241674	3.425426	-.076600	.0132148	144.8332
Stddev	.0034769	.0039758	.015473	.004975	.0010387	.9149
%RSD	2.621644	16.45109	.4517029	6.494745	7.860228	.6317223

#1	.1354646	.0257868	3.425949	-.078104	.0138128	145.8367
#2	.1287450	.0196375	3.440630	-.080649	.0120154	144.6175
#3	.1336541	.0270780	3.409698	-.071046	.0138162	144.0453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.469297	.0198066	.0279491	120.9064	.3830074	.1668167
Stddev	.035757	.0002678	.0001950	.8153	.0022165	.0004610
%RSD	.8000517	1.352322	.6977459	.6742860	.5786961	.2763308

#1	4.510382	.0199583	.0277987	121.6043	.3854054	.1671387
#2	4.452297	.0199642	.0278791	121.1046	.3825828	.1670227
#3	4.445212	.0194973	.0281694	120.0103	.3810340	.1662887

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284635	460.4190	F 31.79159	43.00571	.1981523	-.012434
Stddev	.005622	3.4680	.22944	.39420	.0007382	.000098
%RSD	.4376529	.7532202	.7217032	.9166322	.3725175	.7895020

#1	1.291127	464.0984	32.03954	43.38833	.1988671	-.012526
#2	1.281384	459.9481	31.74844	43.02792	.1981970	-.012444
#3	1.281394	457.2106	31.58679	42.60086	.1973928	-.012330

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.721613	.3658793	6.266638	9.282936	1.948187	.2956478
Stddev	.018314	.0086003	.039629	.101353	.009642	.0039962
%RSD	.6729261	2.350592	.6323782	1.091824	.4949101	1.351659

#1	2.705747	.3740611	6.310577	9.368537	1.950768	.2923556
#2	2.717438	.3666627	6.233601	9.309249	1.956275	.3000939
#3	2.741655	.3569141	6.255736	9.171020	1.937517	.2944939

Sample Name: J3025-13 Acquired: 5/30/2018 17:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149862	5.042950	12.16534	.2445812	.7598728	.1057523
Stddev	.0005627	.024948	.14963	.0011238	.0070023	.0015489
%RSD	3.755125	.4947134	1.229993	.4594835	.9215060	1.464689

#1	.0155531	5.049697	12.29596	.2432897	.7679461	.1069521
#2	.0149777	5.063832	12.19798	.2453362	.7562210	.1063010
#3	.0144277	5.015323	12.00208	.2451177	.7554512	.1040037

Elem	Sr4077
Units	ppm
Avg	.3596346
Stddev	.0028039
%RSD	.7796422

#1	.3627714
#2	.3587603
#3	.3573720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.129	3092.115	77600.22	9842.267	3987.374
Stddev	11.667	7.918	463.38	57.686	13.108
%RSD	.3917536	.2560775	.5971374	.5861035	.3287297

#1	2987.068	3087.299	77654.06	9794.247	3979.167
#2	2982.388	3087.792	78034.33	9826.299	3980.464
#3	2964.931	3101.254	77112.27	9906.255	4002.491

Sample Name: J3025-14 Acquired: 5/30/2018 17:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282659	.0270412	3.484358	-.075576	.0126991	143.4400
Stddev	.0053125	.0013145	.056348	.006993	.0009725	1.1408
%RSD	4.141783	4.861150	1.617177	9.253276	7.658395	.7952841

#1	.1230135	.0266070	3.462532	-.072223	.0132248	144.6842
#2	.1336365	.0259987	3.442189	-.070891	.0115768	142.4433
#3	.1281478	.0285179	3.548355	-.083615	.0132956	143.1926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.441860	.0195358	.0287383	117.9069	.3839103	.1699154
Stddev	.031712	.0000898	.0007073	1.2387	.0025317	.0025268
%RSD	.7139387	.4594814	2.461211	1.050570	.6594458	1.487100

#1	4.478445	.0196172	.0283070	119.1862	.3812895	.1697290
#2	4.424924	.0194395	.0283533	116.7133	.3863423	.1674870
#3	4.422212	.0195507	.0295546	117.8213	.3840992	.1725303

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286726	448.4421	F 30.96837	42.28921	.2014236	-.013334
Stddev	.012439	4.4929	.31622	.59412	.0033738	.000686
%RSD	.9666882	1.001887	1.021098	1.404892	1.674996	5.144817

#1	1.300999	453.2457	31.29396	42.78414	.2015977	-.012889
#2	1.278202	444.3432	30.66244	41.63033	.1979661	-.014124
#3	1.280977	447.7375	30.94872	42.45315	.2047070	-.012988

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.799915	.3639848	6.284565	9.199017	1.978347	.2806022
Stddev	.234148	.0018206	.022696	.073192	.031873	.0046317
%RSD	8.362673	.5001863	.3611419	.7956542	1.611114	1.650631

#1	3.070027	.3657730	6.259117	9.269376	1.977118	.2838545
#2	2.654631	.3621335	6.291868	9.123287	1.947106	.2826530
#3	2.675086	.3640477	6.302711	9.204389	2.010818	.2752992

Sample Name: J3025-14 Acquired: 5/30/2018 17:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152035	5.135287	11.98051	.2519453	.7430597	.1048032
Stddev	.0004891	.084875	.12314	.0041833	.0043962	.0002738
%RSD	3.216895	1.652785	1.027855	1.660385	.5916359	.2612559

#1	.0155510	5.114759	12.10939	.2529814	.7481323	.1050747
#2	.0146442	5.062559	11.86405	.2473413	.7406914	.1045272
#3	.0154152	5.228544	11.96809	.2555131	.7403554	.1048077

Elem	Sr4077
Units	ppm
Avg	.3595907
Stddev	.0028907
%RSD	.8038913

#1	.3628657
#2	.3585115
#3	.3573948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.358	3047.874	76560.46	9870.690	3910.318
Stddev	9.276	38.549	314.15	97.388	51.992
%RSD	.3181855	1.264768	.4103233	.9866362	1.329617

#1	2921.922	3064.873	76920.87	9769.251	3919.625
#2	2904.745	3075.000	76415.83	9963.445	3957.029
#3	2919.406	3003.747	76344.68	9879.375	3854.301

Sample Name: J3025-15 Acquired: 5/30/2018 17:39:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2064424	.0985065	3.440942	-.099181	.0413934	158.0598	7.091189
Stddev	.0057180	.0066298	.021547	.002257	.0017449	.3862	.008098
%RSD	2.769766	6.730292	.6261856	2.275317	4.215404	.2443628	.1141966

#1	.2129101	.0979822	3.448694	-.098234	.0417126	158.4287	7.091354
#2	.2043581	.0921545	3.457539	-.101757	.0395109	157.6583	7.099203
#3	.2020589	.1053829	3.416592	-.097552	.0429566	158.0925	7.083009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000403	.1262251	149.3444	.7194730	1.200414	1.914506	625.1493
Stddev	.0015362	.0006128	.6813	.0152864	.002789	.004240	4.0681
%RSD	1.535562	.4854424	.4561845	2.124667	.2323675	.2214577	.6507401

#1	.0999991	.1264844	149.8021	.7096950	1.203635	1.910133	627.9919
#2	.0985252	.1266655	148.5615	.7116352	1.198849	1.914785	620.4893
#3	.1015967	.1255253	149.6697	.7370886	1.198759	1.918599	626.9666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.08327	46.74507	1.257036	.0579585	3.672702	1.245457	7.690532
Stddev	.20215	.27892	.003505	.0007246	.168658	.004604	.094230
%RSD	.7198119	.5966916	.2788308	1.250147	4.592216	.3696995	1.225274

#1	28.22672	46.75342	1.257790	.0571558	3.738462	1.248103	7.661386
#2	27.85207	46.46206	1.260102	.0585641	3.481069	1.240141	7.614319
#3	28.17101	47.01972	1.253215	.0581557	3.798574	1.248128	7.795892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.740119	3.607084	.3897370	.0223784	5.519411	18.29156	2.179330
Stddev	.084793	.029457	.0144949	.0003279	.034711	.22121	.011454
%RSD	.8705546	.8166433	3.719160	1.465079	.6288936	1.209335	.5255731

#1	9.705481	3.637563	.4058856	.0227536	5.559201	18.29032	2.187488
#2	9.678130	3.604921	.3778522	.0221473	5.503690	18.07097	2.184267
#3	9.836748	3.578768	.3854732	.0222342	5.495342	18.51338	2.166236

Sample Name: J3025-15 Acquired: 5/30/2018 17:39:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.022398	.1143792	.3869992
Stddev	.003131	.0010769	.0004230
%RSD	.3062279	.9415102	.1093027

#1	1.022867	.1150797	.3870057
#2	1.019059	.1131392	.3874189
#3	1.025267	.1149188	.3865730

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.200	3018.303	75736.15	9827.943	3888.318
Stddev	43.043	6.490	978.86	59.242	11.773
%RSD	1.502805	.2150124	1.292459	.6027921	.3027827

#1	2887.136	3017.507	76307.39	9823.771	3879.347
#2	2890.918	3012.247	76295.18	9889.161	3883.958
#3	2814.546	3025.153	74605.89	9770.897	3901.649

Sample Name: J3025-13LX5 Acquired: 5/30/2018 17:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337396	.0077800	.7012347	-.013765	.0039260	33.06466	1.018807
Stddev	.0032700	.0017627	.0122261	.003451	.0019791	.10777	.005377
%RSD	9.691834	22.65656	1.743509	25.07095	50.41003	.3259278	.5277901

#1	.0361389	.0089348	.6968944	-.011386	.0016906	32.98189	1.014073
#2	.0350647	.0086541	.6917709	-.012187	.0054548	33.18651	1.024653
#3	.0300150	.0057511	.7150388	-.017723	.0046327	33.02556	1.017694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048808	.0049845	28.09301	.0918769	.0326894	.3039388	109.1415
Stddev	.0001078	.0002076	.02694	.0003618	.0008918	.0007280	.4543
%RSD	2.209240	4.164194	.0958982	.3937750	2.728000	.2395105	.4162758

#1	.0048278	.0049051	28.08623	.0919761	.0327773	.3044329	109.0814
#2	.0050049	.0048284	28.07011	.0921787	.0317569	.3042806	108.7202
#3	.0048097	.0052201	28.12269	.0914758	.0335339	.3031028	109.6229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.501509	10.08873	.0401980	-.003061	.7079235	.0841210	1.436210
Stddev	.015689	.01909	.0011463	.000410	.1710635	.0024245	.010020
%RSD	.2091509	.1892289	2.851583	13.38286	24.16412	2.882193	.6976587

#1	7.504557	10.08031	.0400642	-.003213	.8251883	.0849330	1.447723
#2	7.484519	10.11058	.0391245	-.003373	.5116341	.0813947	1.431449
#3	7.515450	10.07530	.0414053	-.002597	.7869482	.0860354	1.429458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.062147	.3934922	.0665146	.0035104	.9866619	2.952873	.0494518
Stddev	.069182	.0086403	.0048004	.0001182	.0232571	.014378	.0022175
%RSD	3.354867	2.195793	7.217067	3.367990	2.357150	.4869096	4.484159

#1	1.991724	.3926041	.0688895	.0034126	.9898491	2.936853	.0493551
#2	2.064697	.3853303	.0609896	.0036418	.9619755	2.957112	.0472843
#3	2.130018	.4025423	.0696646	.0034768	1.008161	2.964655	.0517161

Sample Name: J3025-13LX5 Acquired: 5/30/2018 17:43:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1758020	.0227811	.0841675
Stddev	.0007007	.0008731	.0004911
%RSD	.3985821	3.832506	.5834399

#1	.1753695	.0223342	.0839543
#2	.1766105	.0237872	.0847291
#3	.1754261	.0222220	.0838190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.695	2781.830	68115.82	8446.158	4329.342
Stddev	5.407	46.708	132.01	42.236	76.045
%RSD	.2049198	1.679049	.1937997	.5000618	1.756504

#1	2632.456	2792.955	67993.87	8488.793	4355.859
#2	2641.602	2821.971	68097.61	8404.332	4388.579
#3	2642.026	2730.564	68255.99	8445.349	4243.589

Sample Name: J3033-04 Acquired: 5/30/2018 17:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145096	.0006447	.0285037	-.005780	.0021225	17.06512	.1599432
Stddev	.0007349	.0011649	.0005198	.002949	.0019262	.27008	.0018252
%RSD	5.064961	180.7031	1.823498	51.01848	90.75408	1.582619	1.141176

#1	.0152133	.0016594	.0280522	-.002801	.0006736	16.76237	.1578501
#2	.0145686	.0009020	.0283870	-.008698	.0013854	17.28130	.1612038
#3	.0137470	-.000627	.0290719	-.005842	.0043084	17.15168	.1607757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012730	-.000274	34.90884	.0331182	.0174579	.0111296	45.30852
Stddev	.0000785	.000044	.47934	.0005005	.0004156	.0033925	.52422
%RSD	6.165751	16.05595	1.373115	1.511256	2.380892	30.48198	1.157003

#1	.0012047	-.000233	34.37487	.0325446	.0172400	.0140141	44.74249
#2	.0013587	-.000269	35.30201	.0333438	.0179372	.0119827	45.77731
#3	.0012557	-.000321	35.04963	.0334661	.0171965	.0073920	45.40575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3475441	9.797903	.0377208	-.001782	.4962452	.0447894	.0900382
Stddev	.0038401	.196205	.0001756	.000309	.2789406	.0037185	.0043952
%RSD	1.104914	2.002524	.4655117	17.37157	56.21024	8.302197	4.881443

#1	.3432802	9.571381	.0375243	-.001498	.6093020	.0412974	.0886479
#2	.3507299	9.914705	.0378623	-.001734	.7009092	.0486991	.0949604
#3	.3486222	9.907622	.0377757	-.002112	.1785244	.0443715	.0865064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7434622	.1400682	.0262636	.0001756	.2403125	7.882297	.0010328
Stddev	.0391465	.0016291	.0009220	.0003315	.0006148	.096595	.0004736
%RSD	5.265433	1.163061	3.510468	188.8055	.2558459	1.225474	45.85399

#1	.7052889	.1398607	.0252749	-.000201	.2401434	7.772564	.0015690
#2	.7415836	.1417910	.0264160	.000304	.2409942	7.954474	.0008575
#3	.7835142	.1385528	.0270998	.000424	.2398000	7.919854	.0006718

Sample Name: J3033-04 Acquired: 5/30/2018 17:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6323206	.0131745	.0488517
Stddev	.0105157	.0008339	.0009337
%RSD	1.663039	6.329596	1.911217

#1	.6221902	.0135403	.0478244
#2	.6431834	.0137630	.0496485
#3	.6315882	.0122202	.0490824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.078	2740.303	67345.80	8404.100	4453.653
Stddev	27.826	10.137	421.59	86.463	20.511
%RSD	1.064075	.3699310	.6260043	1.028822	.4605391

#1	2643.997	2746.320	67831.05	8503.710	4462.136
#2	2612.747	2728.599	67136.90	8348.440	4430.261
#3	2588.491	2745.989	67069.45	8360.150	4468.561

Sample Name: J3033-05 Acquired: 5/30/2018 17:51:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151354	-.001183	.0198317	-.004314	.0001915	13.20790	.1137629
Stddev	.0036020	.001536	.0019726	.003603	.0009087	.14276	.0013700
%RSD	23.79873	129.7912	9.946953	83.52717	474.6383	1.080900	1.204228

#1	.0109800	.000380	.0220426	-.008057	.0007921	13.13473	.1127129
#2	.0173685	-.001241	.0182516	-.004017	-.000854	13.37242	.1153126
#3	.0170577	-.002690	.0192009	-.000868	.000636	13.11656	.1132633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010292	-.000185	21.30702	.0592408	.0140736	.0068388	33.46586
Stddev	.0000180	.000114	.24751	.0017223	.0001570	.0007036	.34048
%RSD	1.750143	61.76569	1.161653	2.907225	1.115576	10.28810	1.017405

#1	.0010499	-.000310	21.30833	.0610441	.0139266	.0060806	33.50877
#2	.0010177	-.000155	21.55387	.0576130	.0140552	.0069652	33.78286
#3	.0010199	-.000088	21.05885	.0590652	.0142390	.0074707	33.10596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6189138	7.466352	.0489768	-.001516	.2996195	.0360297	.0514042
Stddev	.0082078	.078200	.0006338	.000452	.0936118	.0021619	.0039783
%RSD	1.326164	1.047364	1.294036	29.83048	31.24357	6.000251	7.739204

#1	.6219414	7.468635	.0493631	-.001009	.3911672	.0382229	.0551920
#2	.6251778	7.543386	.0493220	-.001879	.2040717	.0359657	.0517611
#3	.6096223	7.387037	.0482454	-.001659	.3036196	.0339005	.0472595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6174490	.1102717	.0188665	.0004401	.1142571	5.776612	.0003914
Stddev	.0696559	.0006596	.0013820	.0002294	.0013310	.060040	.0002583
%RSD	11.28123	.5981557	7.325044	52.12748	1.164928	1.039367	66.01051

#1	.6425598	.1095767	.0174434	.0005109	.1156818	5.822416	.0005217
#2	.6710677	.1108890	.0202033	.0001836	.1130455	5.798781	.0005586
#3	.5387194	.1103494	.0189527	.0006257	.1140439	5.708640	.0000938

Sample Name: J3033-05 Acquired: 5/30/2018 17:51:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5811520	.0110556	.0339449
Stddev	.0068880	.0014864	.0004877
%RSD	1.185231	13.44477	1.436665

#1	.5796681	.0111933	.0335609
#2	.5886609	.0095051	.0344936
#3	.5751268	.0124683	.0337802

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.338	2766.934	68294.31	8435.980	4526.375
Stddev	22.486	6.703	338.28	75.727	15.692
%RSD	.8506745	.2422588	.4953337	.8976614	.3466799

#1	2666.733	2759.194	67985.09	8480.140	4508.553
#2	2641.396	2770.809	68655.62	8348.540	4532.452
#3	2621.887	2770.799	68242.23	8479.260	4538.119

Sample Name: J3033-06 Acquired: 5/30/2018 17:55:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129116	-.003049	.0994961	-.005792	.0015380	38.74254	.5272715
Stddev	.0016965	.000642	.0035173	.004282	.0008379	.34822	.0017651
%RSD	13.13918	21.06002	3.535169	73.93297	54.47893	.8988084	.3347657

#1	.0111346	-.003184	.0979239	-.003177	.0021327	38.84093	.5273682
#2	.0145141	-.003613	.1035253	-.003465	.0019017	39.03099	.5289864
#3	.0130862	-.002350	.0970390	-.010734	.0005797	38.35571	.5254601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032817	.0018833	249.0544	.0716178	.0224132	.0556243	49.51690
Stddev	.0000810	.0000819	3.1991	.0001233	.0004186	.0020480	.69572
%RSD	2.466973	4.348237	1.284496	.1722272	1.867713	3.681852	1.405008

#1	.0032005	.0018165	250.6403	.0715468	.0220009	.0575802	49.74625
#2	.0033624	.0018589	251.1507	.0715464	.0228379	.0534952	50.06898
#3	.0032823	.0019747	245.3722	.0717602	.0224007	.0557976	48.73546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9371767	47.76012	.0702847	-.002083	.9483902	.0920000	.2937590
Stddev	.0102905	.51693	.0021871	.000203	.0978992	.0040120	.0061056
%RSD	1.098027	1.082354	3.111806	9.739524	10.32267	4.360891	2.078453

#1	.9438770	47.97995	.0683747	-.001871	.8471254	.0933886	.2894383
#2	.9423250	48.13080	.0726706	-.002275	1.042535	.0874782	.2910947
#3	.9253282	47.16960	.0698089	-.002104	.955510	.0951333	.3007440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.083022	.3230984	.0517507	.0015638	2.872003	16.69496	.0033622
Stddev	.057368	.0086651	.0012706	.0000529	.086240	.16790	.0016174
%RSD	1.860779	2.681870	2.455172	3.382640	3.002788	1.005697	48.10577

#1	3.084291	.3143423	.0531651	.0016167	2.786723	16.76864	.0015187
#2	3.139745	.3316695	.0513810	.0015109	2.959172	16.81342	.0040249
#3	3.025030	.3232835	.0507060	.0015637	2.870115	16.50281	.0045430

Sample Name: J3033-06 Acquired: 5/30/2018 17:55:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7167381	.0342894	.3458170
Stddev	.0067189	.0008951	.0022648
%RSD	.9374268	2.610473	.6549125

#1	.7212320	.0344479	.3471602
#2	.7199682	.0350947	.3470886
#3	.7090142	.0333256	.3432021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.051	2660.735	68487.28	8608.022	4040.592
Stddev	16.179	53.027	347.10	101.987	92.393
%RSD	.6130793	1.992949	.5068047	1.184789	2.286614

#1	2620.413	2716.426	68122.28	8585.196	4133.708
#2	2647.260	2610.849	68813.16	8519.383	3948.940
#3	2649.481	2654.932	68526.40	8719.488	4039.128

Sample Name: J3033-07 Acquired: 5/30/2018 17:59:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178710	-.004191	.1096765	-.009409	.0016973	40.58154	.5109298
Stddev	.0011693	.001388	.0030631	.003862	.0006681	.22701	.0047607
%RSD	6.543122	33.12617	2.792884	41.04227	39.36199	.5593843	.9317786

#1	.0184064	-.005298	.1068042	-.011668	.0011147	40.50524	.5082296
#2	.0165298	-.002633	.1129002	-.004950	.0015508	40.40251	.5081332
#3	.0186767	-.004641	.1093250	-.011608	.0024265	40.83687	.5164268

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036562	.0010323	303.4594	.0862463	.0264162	.0566112	62.58478
Stddev	.0000128	.0002266	1.4537	.0006712	.0003645	.0017004	.24029
%RSD	.3495062	21.94585	.4790347	.7782519	1.379657	3.003656	.3839491

#1	.0036677	.0010285	303.0992	.0866672	.0260033	.0584933	62.60164
#2	.0036425	.0008077	302.2197	.0854722	.0266933	.0561546	62.33650
#3	.0036585	.0012607	305.0593	.0865995	.0265519	.0551858	62.81620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8333845	75.84551	.0744951	-.002438	.7227953	.1334446	.2412468
Stddev	.0033180	.41586	.0018328	.000411	.2433923	.0063647	.0061413
%RSD	.3981404	.5482966	2.460285	16.85669	33.67376	4.769565	2.545662

#1	.8350117	75.81850	.0726133	-.002891	.5381553	.1282688	.2483293
#2	.8295669	75.44382	.0745974	-.002335	.6316191	.1405511	.2380131
#3	.8355748	76.27422	.0762746	-.002088	.9986115	.1315138	.2373980

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.364666	.3316787	.0539399	.0013720	3.059136	16.88706	.0004474
Stddev	.065361	.0078913	.0014561	.0002525	.062517	.19149	.0006039
%RSD	2.764055	2.379191	2.699400	18.40361	2.043615	1.133966	134.9697

#1	2.355295	.3227468	.0524600	.0011033	2.988914	16.91628	.0004704
#2	2.304496	.3345830	.0553708	.0014084	3.079752	16.68263	.0010395
#3	2.434206	.3377062	.0539889	.0016044	3.108741	17.06226	-.000168

Sample Name: J3033-07 Acquired: 5/30/2018 17:59:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.050356	.0365251	.2326763
Stddev	.002889	.0007189	.0027068
%RSD	.2750362	1.968111	1.163342

#1	1.048121	.0370949	.2307856
#2	1.049329	.0367630	.2314661
#3	1.053618	.0357175	.2357770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.102	2621.702	66538.78	8414.260	3946.796
Stddev	12.788	50.284	197.99	54.229	81.790
%RSD	.5058205	1.918009	.2975519	.6444849	2.072327

#1	2516.961	2678.179	66381.57	8403.387	4039.435
#2	2542.065	2605.136	66761.13	8473.101	3916.387
#3	2525.280	2581.790	66473.65	8366.291	3884.565

Sample Name: J3033-08 Acquired: 5/30/2018 18:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8272224	-.005985	.3939287	.1558111	.6378046	18.92611	.0588442
Stddev	.0063099	.001229	.0015551	.0037500	.0073334	.20042	.0012306
%RSD	.7627868	20.53490	.3947744	2.406735	1.149784	1.058961	2.091206

#1	.8338914	-.006444	.3953306	.1595723	.6458631	18.93071	.0580735
#2	.8213464	-.006918	.3941997	.1557884	.6315229	19.12419	.0602634
#3	.8264295	-.004593	.3922559	.1520725	.6360278	18.72343	.0581958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2613174	.1815104	8.931094	.0298005	.3384222	.2906567	41.59602
Stddev	.0031140	.0012999	.058917	.0003411	.0024075	.0059261	.38517
%RSD	1.191663	.7161818	.6596822	1.144605	.7113953	2.038851	.9259895

#1	.2597918	.1822664	8.915709	.0296145	.3399204	.2958539	41.46082
#2	.2649000	.1800094	8.996178	.0295928	.3356452	.2919129	42.03057
#3	.2592603	.1822554	8.881397	.0301942	.3397012	.2842032	41.29668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3954209	64.18187	.3751416	.0798387	41.37143	1.404285	.0427908
Stddev	.0025836	.43439	.0026651	.0013652	.33345	.013885	.0123200
%RSD	.6533824	.6768110	.7104136	1.709971	.8059893	.9887255	28.79118

#1	.3939588	64.04943	.3772599	.0799394	41.21228	1.414601	.0297746
#2	.3984040	64.66707	.3721493	.0784259	41.75463	1.409756	.0542703
#3	.3938999	63.82912	.3760157	.0811508	41.14737	1.388498	.0443276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.326084	.0234166	.0792618	.0037714	.7045775	6.717574	.0021479
Stddev	.030202	.0000346	.0012223	.0002103	.0059450	.079218	.0007800
%RSD	1.298414	.1476789	1.542078	5.577198	.8437678	1.179267	36.31419

#1	2.355086	.0234057	.0785406	.0035662	.7109888	6.699682	.0026186
#2	2.328356	.0234553	.0806731	.0039865	.6992471	6.804209	.0025775
#3	2.294810	.0233888	.0785718	.0037616	.7034968	6.648833	.0012475

Sample Name: J3033-08 Acquired: 5/30/2018 18:03:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6127103	.0056304	.0221841
Stddev	.0051040	.0008218	.0001320
%RSD	.8330193	14.59485	.5949408

#1	.6122772	.0060086	.0221085
#2	.6180171	.0061949	.0223365
#3	.6078367	.0046876	.0221074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.165	2673.976	66770.03	8363.773	4214.403
Stddev	38.282	15.910	816.77	88.545	22.830
%RSD	1.489472	.5950100	1.223258	1.058675	.5417127

#1	2554.723	2662.688	66494.21	8396.710	4197.456
#2	2613.757	2692.173	67689.00	8263.480	4240.364
#3	2542.016	2667.067	66126.87	8431.130	4205.389

Sample Name: CCV091 Acquired: 5/30/2018 18:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843840	4.711106	23.91523	4.745249	4.781731	416.2095
Stddev	.069364	.031776	.27393	.055135	.069100	8.8025
%RSD	1.432000	.6744972	1.145420	1.161894	1.445092	2.114928

#1	4.897325	4.734287	24.07246	4.776770	4.831187	426.2562
#2	4.868730	4.724148	24.07430	4.777392	4.811229	412.5210
#3	4.765466	4.674884	23.59892	4.681586	4.702777	409.8513

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09731	.5024833	2.420409	412.4271	14.86738	2.454172
Stddev	.19971	.0107235	.027250	9.3030	.16049	.030708
%RSD	1.977865	2.134109	1.125852	2.255664	1.079465	1.251262

#1	10.32678	.5148165	2.436566	422.9793	15.01520	2.473787
#2	10.00239	.4972721	2.435713	408.8926	14.69668	2.469946
#3	9.96276	.4953613	2.388947	405.4094	14.89026	2.418783

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09545	419.2576	14.92448	411.2993	2.419048	1.194460
Stddev	.28771	8.3411	.30080	7.9644	.027192	.011698
%RSD	1.905962	1.989484	2.015497	1.936406	1.124093	.9793217

#1	15.42675	428.6023	15.26571	420.2751	2.436638	1.206320
#2	14.95119	416.6054	14.81001	408.5457	2.432777	1.182932
#3	14.90840	412.5651	14.69772	405.0770	2.387728	1.194127

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.7083	2.499612	14.89216	153.1855	F 6.611542	5.024870
Stddev	9.7490	.050101	.19887	3.4910	.057474	.094915
%RSD	2.373693	2.004362	1.335375	2.278938	.8693055	1.888901

#1	421.8736	2.553538	15.08073	157.2143	6.648620	5.133828
#2	406.3679	2.490793	14.68439	151.2867	6.640670	4.980634
#3	403.8832	2.454507	14.91136	151.0554	6.545335	4.960149

Sample Name: CCV091 Acquired: 5/30/2018 18:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.749456	5.030534	4.902451	4.791814	4.972158	5.050593
Stddev	.060887	.047681	.095088	.057627	.105860	.104477
%RSD	1.281981	.9478351	1.939605	1.202622	2.129050	2.068613

#1	4.790587	5.051043	5.011099	4.833074	5.093993	5.170293
#2	4.778270	5.064529	4.861858	4.816395	4.919816	5.003763
#3	4.679510	4.976030	4.834397	4.725972	4.902666	4.977724

Elem	Sr4077
Units	ppm
Avg	5.090008
Stddev	.102348
%RSD	2.010762

#1	5.207281
#2	5.044040
#3	5.018705

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.729	2273.682	58385.15	7521.357	3412.033
Stddev	31.723	29.753	708.97	149.904	40.090
%RSD	1.451381	1.308604	1.214292	1.993040	1.174969

#1	2153.061	2252.345	57792.39	7348.484	3384.858
#2	2216.414	2261.030	59170.52	7615.367	3393.166
#3	2187.712	2307.670	58192.54	7600.220	3458.077

Sample Name: CCB091 Acquired: 5/30/2018 18:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015121	.0031545	-.000376	.0034826	.0005915	.0166894	.0006330
Stddev	.0049082	.0010209	.000690	.0019673	.0017897	.0027541	.0006229
%RSD	324.5962	32.36403	183.5398	56.48831	302.5630	16.50207	98.41407

#1	.0008751	.0021497	.000230	.0022234	-.001135	.0192727	.0006496
#2	.0067077	.0041908	-.000231	.0057496	.000470	.0170040	.0012474
#3	-.003047	.0031230	-.001126	.0024749	.002439	.0137916	.0000019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000461	.0000133	.0236847	.0005116	-.000043	-.001259	.0152402
Stddev	.0000861	.0001151	.0097811	.0004968	.000112	.004681	.0011538
%RSD	186.7875	863.6875	41.29702	97.11705	257.3461	371.8524	7.570954

#1	-.000043	.0000741	.0139534	.0010437	-.000128	.003406	.0165235
#2	.000128	.0000853	.0335148	.0004314	-.000085	-.005956	.0142883
#3	.000054	-.000119	.0235859	.0000597	.000083	-.001226	.0149089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005340	.0085207	.0002027	-.000225	.1650630	-.001723	-.005691
Stddev	.0013025	.0470638	.0000708	.000292	.0680670	.005240	.004284
%RSD	243.9131	552.3461	34.92280	129.8729	41.23700	304.2065	75.27457

#1	.0000338	-.021968	.0001879	.000112	.1078333	-.002938	-.007745
#2	.0020124	.062724	.0002798	-.000396	.1470228	-.006248	-.008562
#3	-.000444	-.015194	.0001405	-.000390	.2403328	.004019	-.000767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023907	-.000479	-.001536	-.000072	-.012987	-.002367	-.000485
Stddev	.027843	.000109	.000889	.000174	.003041	.000821	.000612
%RSD	116.4655	22.81678	57.83095	242.1809	23.41579	34.67748	126.3026

#1	.007049	-.000353	-.001025	-.000261	-.011068	-.002561	.000159
#2	-.031865	-.000536	-.001022	-.000037	-.016493	-.003074	-.001059
#3	-.046904	-.000549	-.002562	.000082	-.011400	-.001467	-.000555

Sample Name: CCB091 Acquired: 5/30/2018 18:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v546) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001352	-.001050	.0002958
Stddev	.000754	.001218	.0000650
%RSD	55.72767	116.0457	21.95969

#1	-.001453	.000349	.0003642
#2	-.002050	-.001874	.0002884
#3	-.000553	-.001625	.0002349

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.778	2712.382	66123.95	8127.490	4507.861
Stddev	17.935	5.069	370.31	67.127	6.015
%RSD	.6998358	.1868997	.5600171	.8259232	.1334384

#1	2546.188	2718.049	66233.69	8055.820	4513.940
#2	2560.338	2710.819	65711.18	8137.760	4507.733
#3	2581.809	2708.278	66426.99	8188.890	4501.911