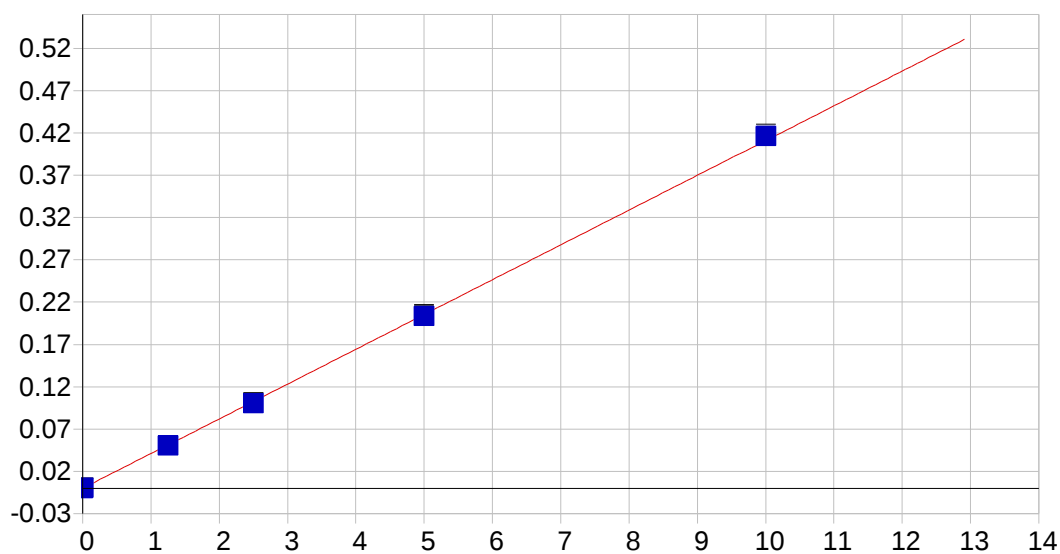




As 189.042 {479}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000132

Re-Slope: 1.000000

A1 (Gain): 0.041107

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999889

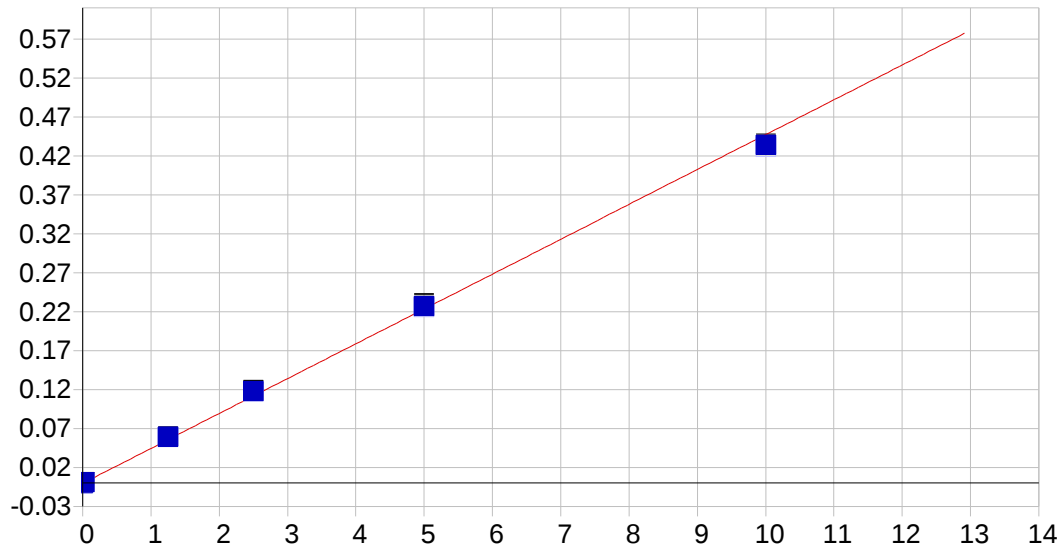
Status: OK.

Std Error of Est: 0.000010

Predicted MDL: 0.003550

Predicted MQL: 0.011833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01000	.01166	.002	16.6	.00035	.000	1
S2	1.2500	1.2264	-.024	-1.89	.05040	.000	1
S3	2.5000	2.4456	-.054	-2.18	.10064	.000	1
S4	5.0000	4.9456	-.054	-1.09	.20365	.002	1
S5	10.000	10.131	.131	1.31	.41728	.001	1



TI 190.856 {477}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000136

Re-Slope: 1.000000

A1 (Gain): 0.044735

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999396

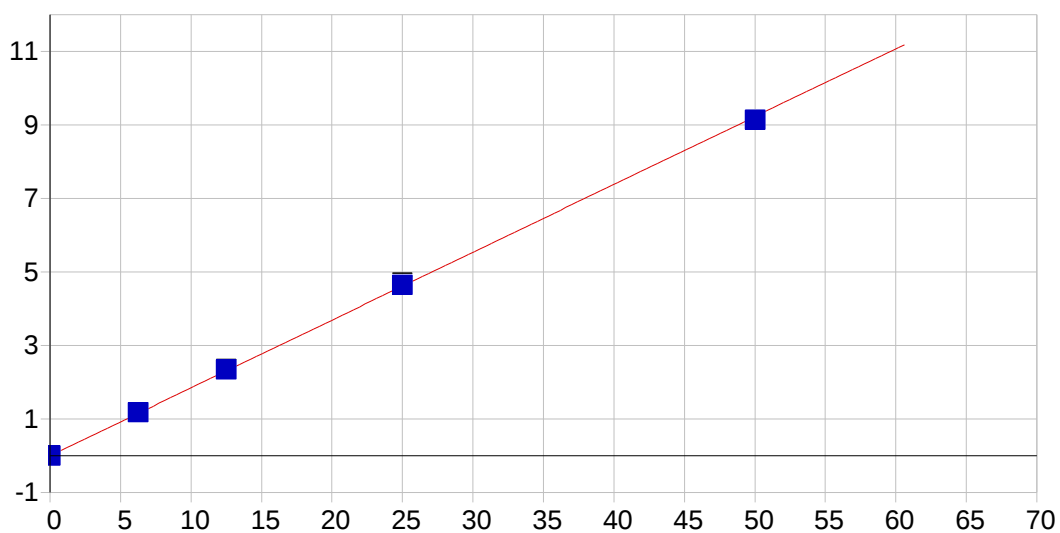
Status: OK.

Std Error of Est: 0.000041

Predicted MDL: 0.002514

Predicted MQL: 0.008381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.02500	.02668	.002	6.71	.00104	.000	1
S2	1.2500	1.3260	.076	6.08	.05885	.000	1
S3	2.5000	2.6371	.137	5.48	.11716	.001	1
S4	5.0000	5.0820	.082	1.64	.22586	.003	1
S5	10.000	9.7032	-.297	-2.97	.43123	.001	1

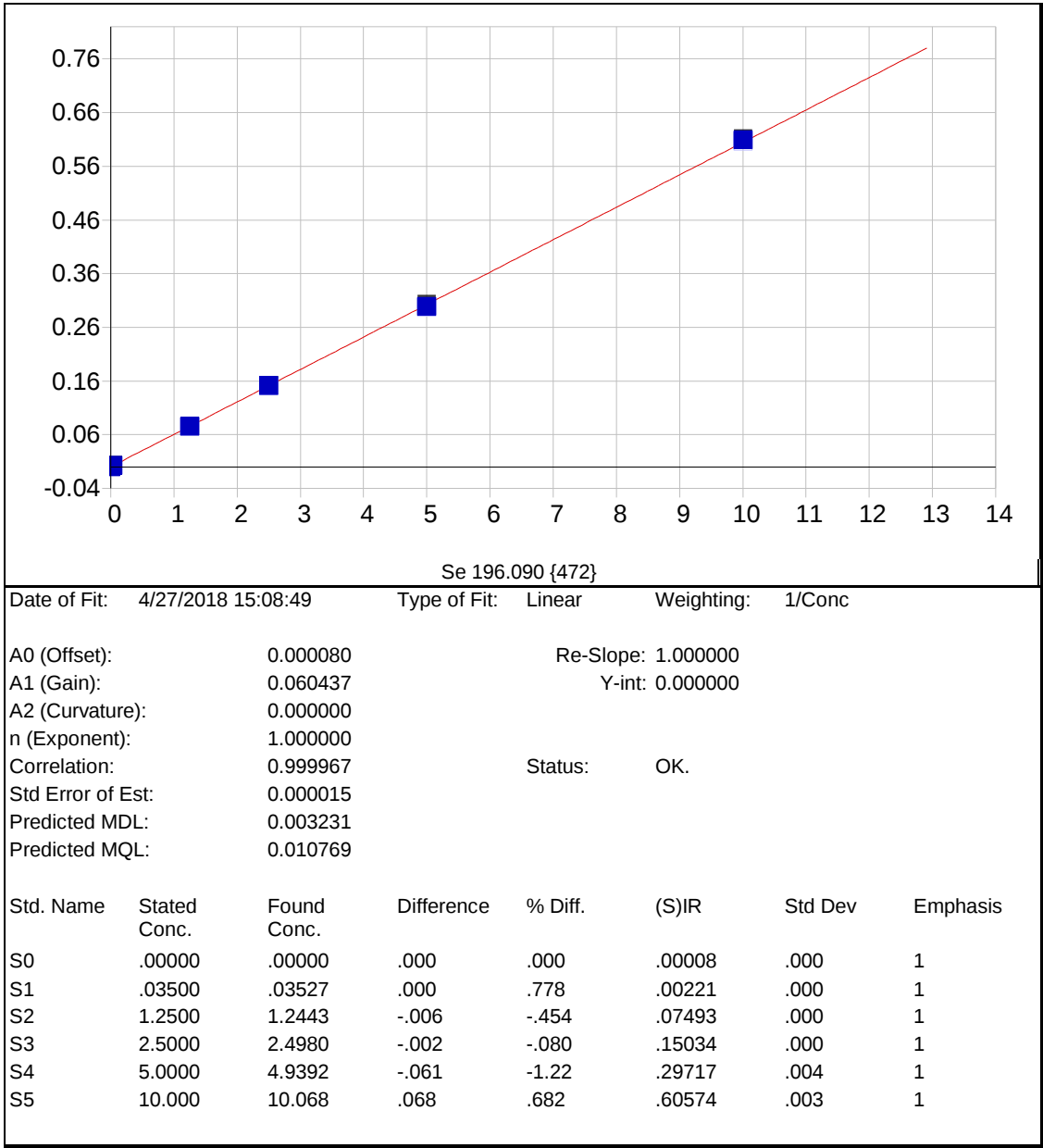


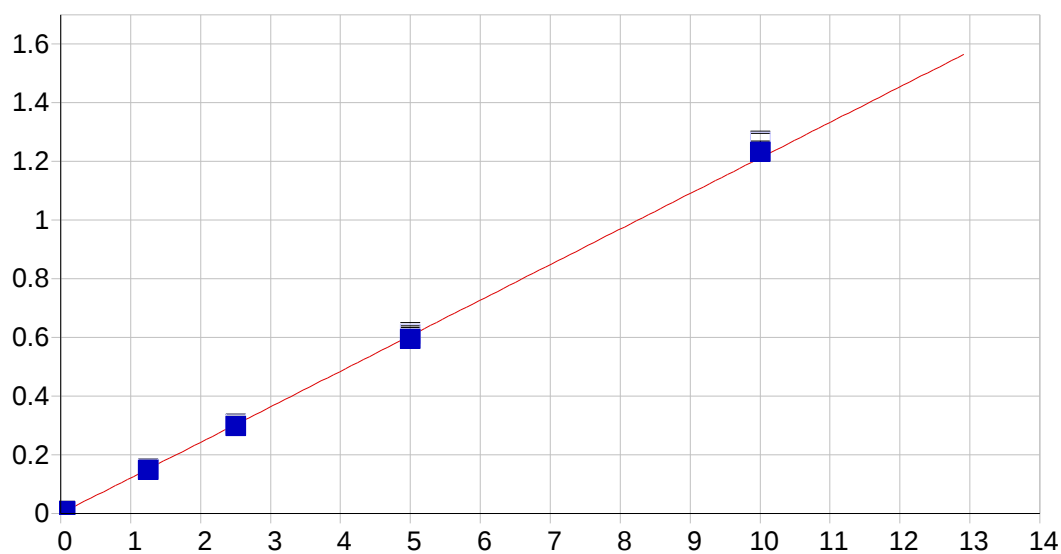
Pb 220.353 {453}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000466 Re-Slope: 1.000000
 A1 (Gain): 0.184548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001577
 Predicted MQL: 0.005256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.01000	.00951	.000	-4.90	.00130	.000	1
S2	6.2500	6.3705	.121	1.93	1.1770	.006	1
S3	12.500	12.714	.214	1.71	2.3495	.003	1
S4	25.000	25.195	.195	.781	4.6565	.045	1
S5	50.000	49.471	-.529	-1.06	9.1437	.006	1



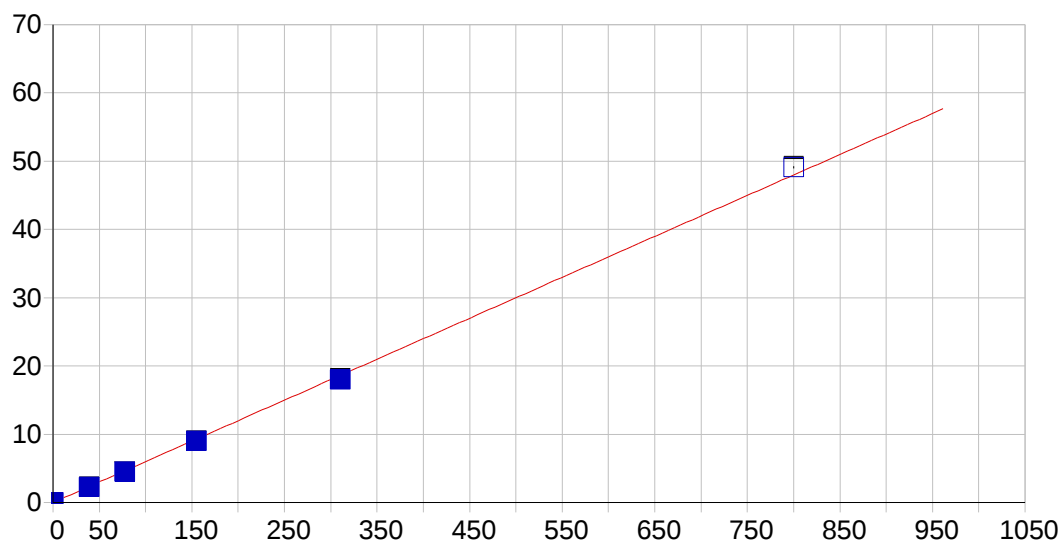


Sb 206.833 {463}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000079 Re-Slope: 1.000000
 A1 (Gain): 0.121204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.001776
 Predicted MQL: 0.005921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.06000	.05838	-.002	-2.70	.00715	.000	1
S2	1.2500	1.2176	-.032	-2.59	.15178	.000	1
S3	2.5000	2.4516	-.048	-1.94	.30547	.000	1
S4	5.0000	4.9113	-.089	-1.77	.61185	.006	1
S5	10.000	10.171	.171	1.71	1.2659	.004	1

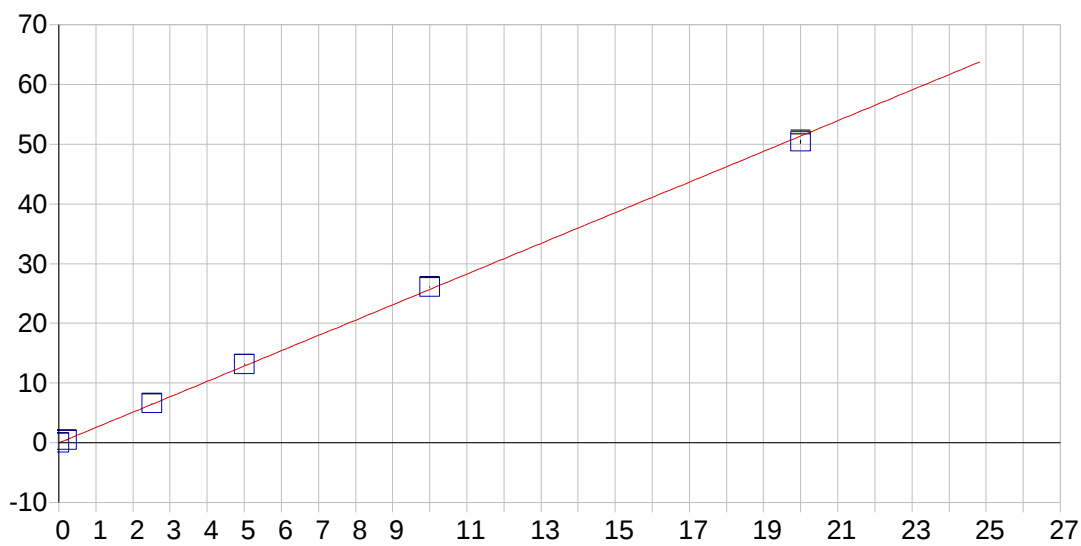


AI 396.152 { 85}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000885 Re-Slope: 1.000000
 A1 (Gain): 0.059980 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999636 Status: OK.
 Std Error of Est: 0.001006
 Predicted MDL: 0.014436
 Predicted MQL: 0.048121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00089	.000	1
S1	.20000	.19680	-.003	-1.60	.01271	.000	1
S2	38.750	37.713	-1.04	-2.68	2.2651	.006	1
S3	77.500	74.837	-2.66	-3.44	4.4940	.016	1
S4	155.00	149.95	-5.05	-3.26	9.0038	.027	1
S5	310.00	300.37	-9.63	-3.11	18.034	.138	1
S6	800.00	818.40	18.4	2.30	49.088	.169	1



Ba 493.409 { 68}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.011368

Re-Slope: 1.000000

A1 (Gain): 2.568565

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999804

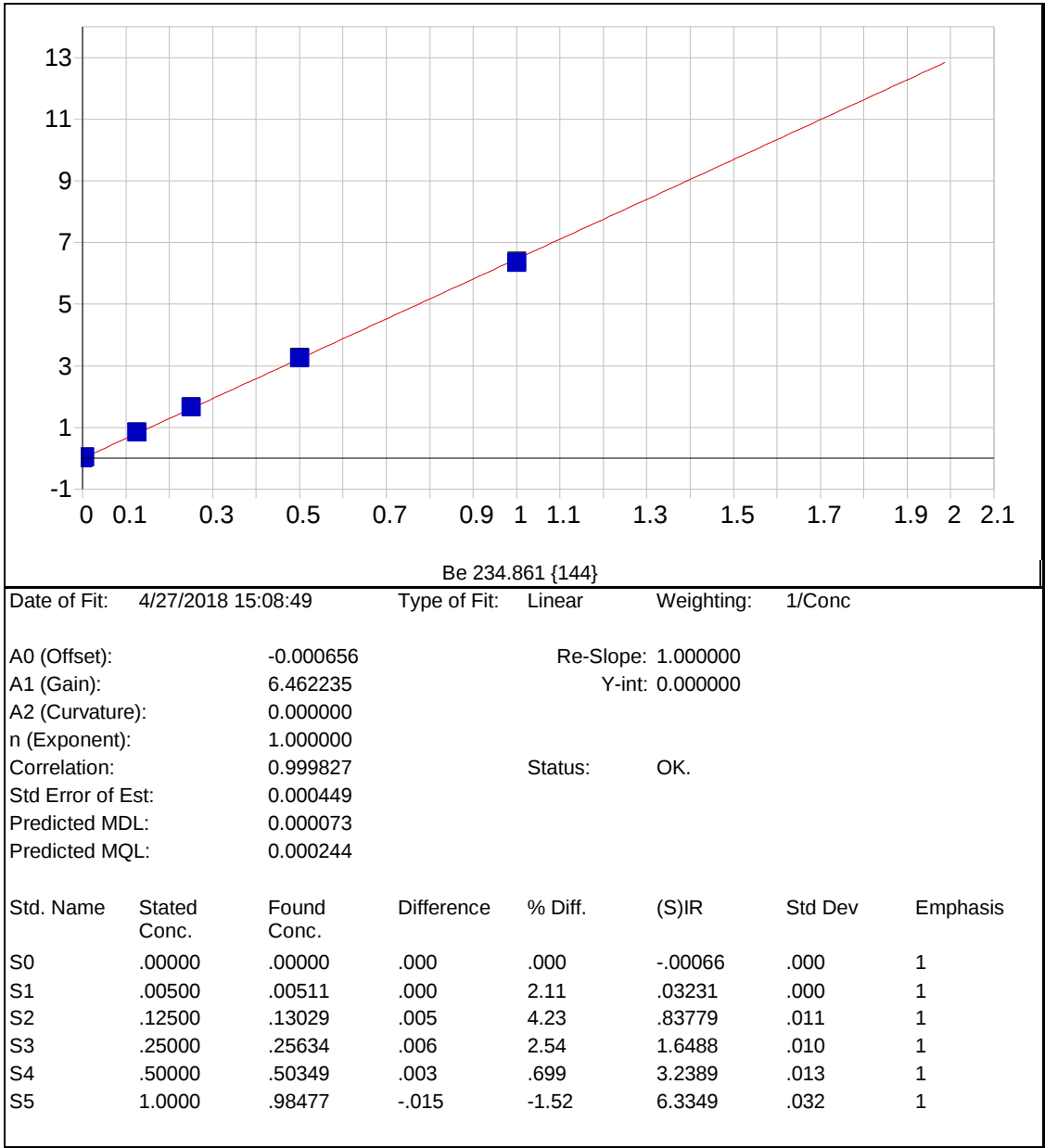
Status: OK.

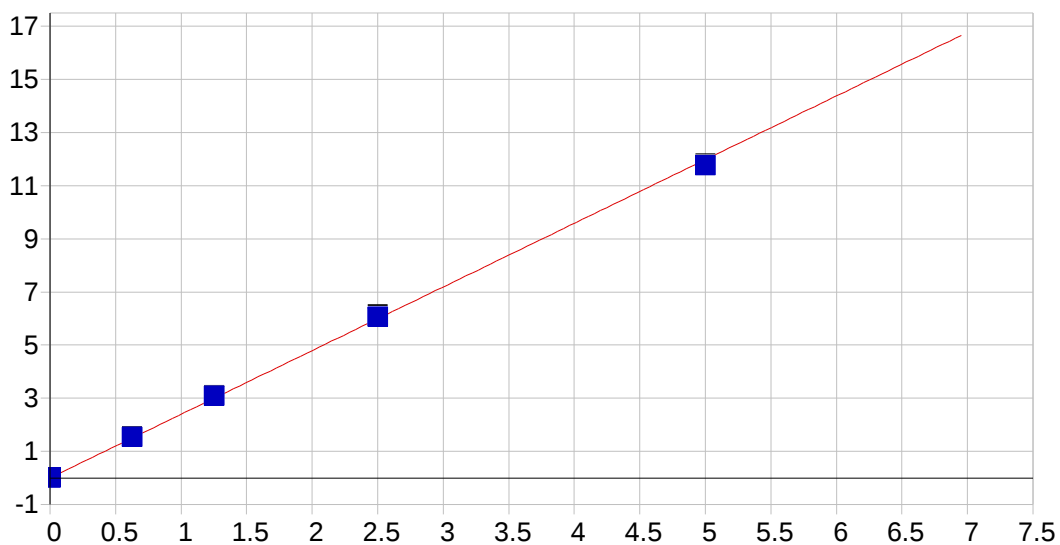
Std Error of Est: 0.005406

Predicted MDL: 0.000965

Predicted MQL: 0.003215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01140	.001	1
S1	.20000	.20412	.004	2.06	.51293	.001	1
S2	2.5000	2.5667	.067	2.67	6.5815	.043	1
S3	5.0000	5.1270	.127	2.54	13.158	.030	1
S4	10.000	10.170	.170	1.70	26.112	.065	1
S5	20.000	19.632	-.368	-1.84	50.414	.327	1



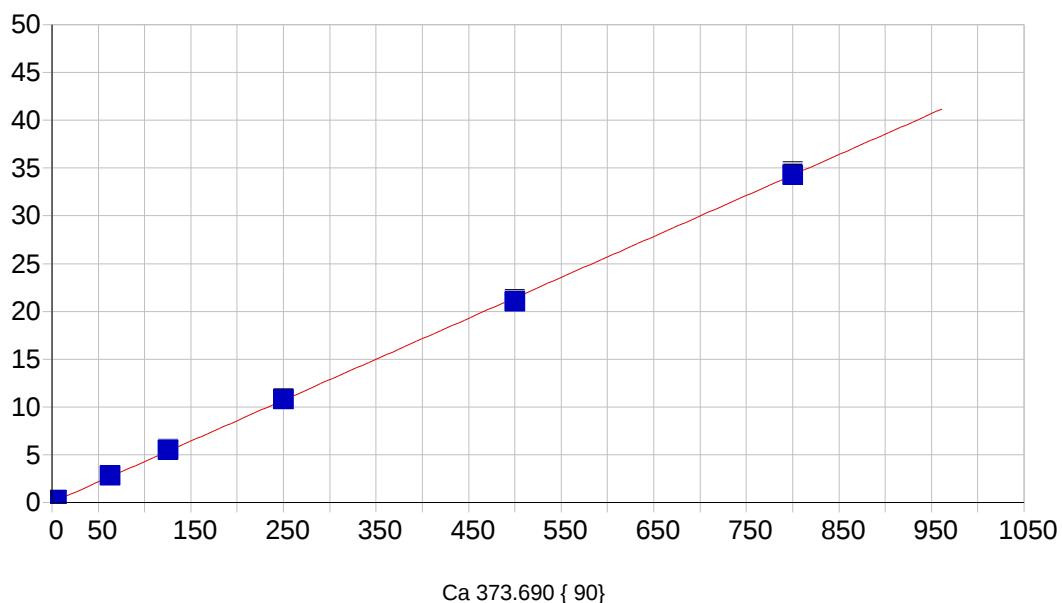


Cd 214.438 {457}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000078 Re-Slope: 1.000000
 A1 (Gain): 2.395910 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000405
 Predicted MDL: 0.000083
 Predicted MQL: 0.000276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.00500	.00495	.000	-.948	.01195	.000	1
S2	.62500	.64548	.020	3.28	1.5497	.006	1
S3	1.2500	1.2887	.039	3.10	3.0939	.007	1
S4	2.5000	2.5299	.030	1.20	6.0739	.060	1
S5	5.0000	4.9109	-.089	-1.78	11.791	.024	1



Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003860

Re-Slope: 1.000000

A1 (Gain): 0.042824

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999874

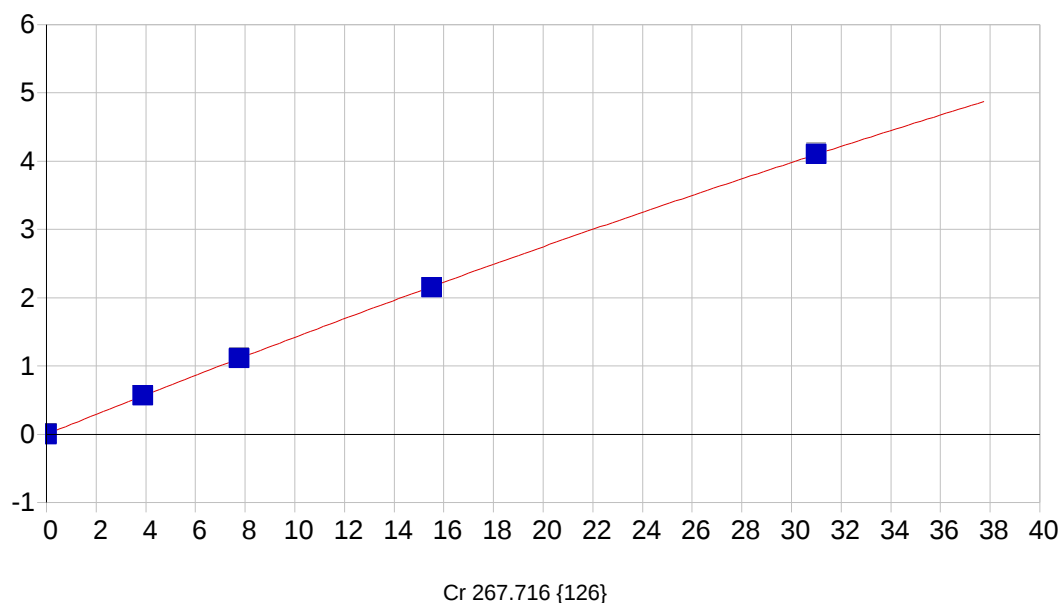
Status: OK.

Std Error of Est: 0.002388

Predicted MDL: 0.018568

Predicted MQL: 0.061892

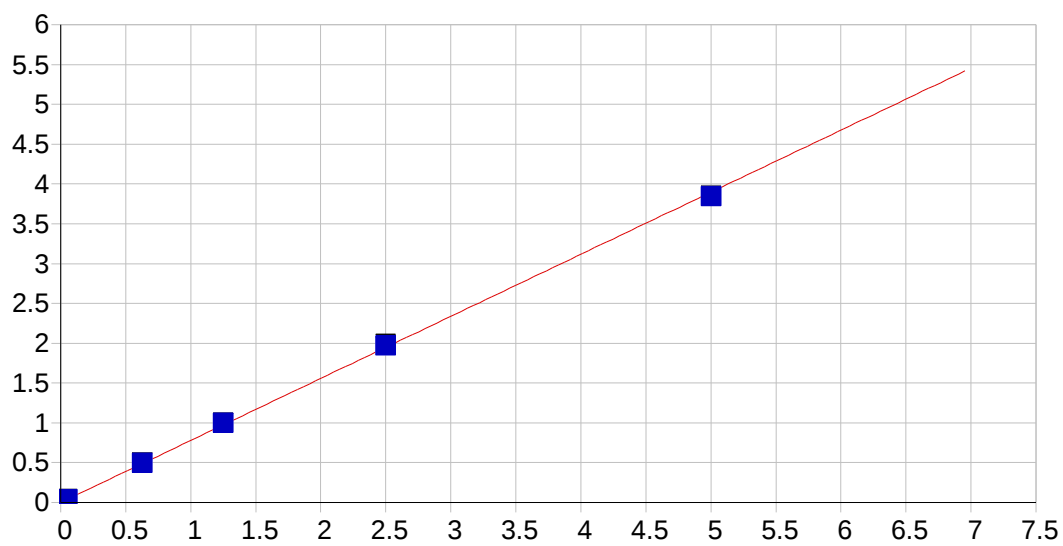
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00067	-.001	.000	.00383	.000	1
S1	5.0000	5.3431	.343	6.86	.23270	.001	1
S2	62.500	65.295	2.79	4.47	2.8096	.032	1
S3	125.00	129.04	4.04	3.23	5.5488	.031	1
S4	250.00	251.38	1.38	.552	10.807	.027	1
S5	500.00	491.11	-8.89	-1.78	21.112	.108	1
S6	800.00	800.33	.335	.042	34.481	.131	1



Date of Fit: 4/27/2018 15:08:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.146711 Y-int: 0.000000
 A2 (Curvature): -0.000467
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000558
 Predicted MQL: 0.001859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01062	.001	6.25	.00149	.000	1
S2	3.8750	3.9221	.047	1.21	.56916	.001	1
S3	7.7500	7.7604	.010	.134	1.1124	.002	1
S4	15.500	15.393	-.107	-.690	2.1517	.002	1
S5	31.000	31.050	.050	.161	4.1132	.008	1

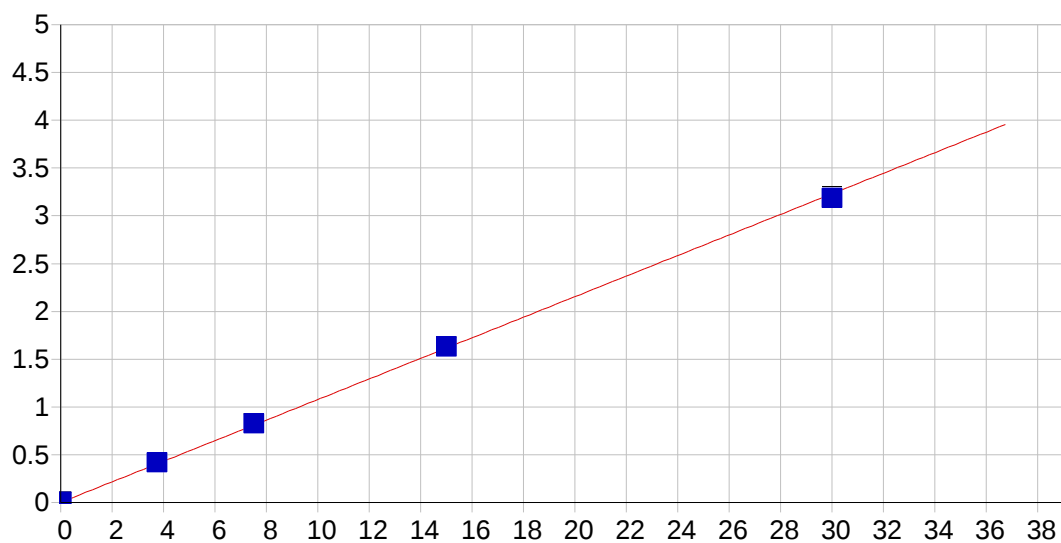


Co 228.616 {448}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.779221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000303
 Predicted MDL: 0.000258
 Predicted MQL: 0.000861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.05000	.04840	-.002	-3.19	.03801	.000	1
S2	.62500	.63791	.013	2.07	.49818	.003	1
S3	1.2500	1.2783	.028	2.26	.99813	.001	1
S4	2.5000	2.5244	.024	.975	1.9711	.019	1
S5	5.0000	4.9360	-.064	-1.28	3.8541	.004	1



Cu 324.754 {104}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000833

Re-Slope: 1.000000

A1 (Gain): 0.107650

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999874

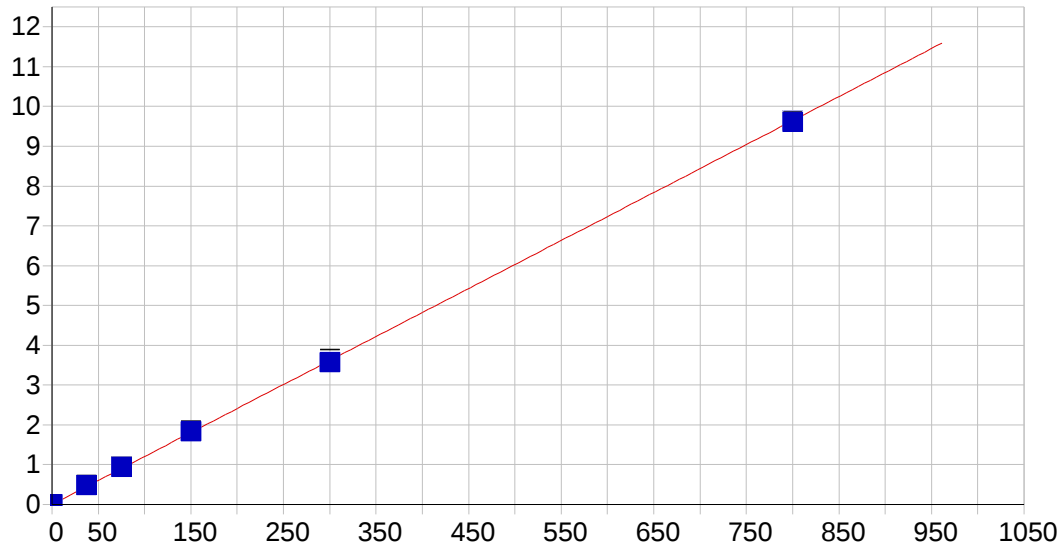
Status: OK.

Std Error of Est: 0.000078

Predicted MDL: 0.004235

Predicted MQL: 0.014117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00083	.000	1
S1	.02500	.02963	.005	18.5	.00402	.000	1
S2	3.7500	3.8691	.119	3.18	.41709	.002	1
S3	7.5000	7.6515	.152	2.02	.82402	.001	1
S4	15.000	15.126	.126	.843	1.6282	.004	1
S5	30.000	29.598	-.402	-1.34	3.1851	.017	1

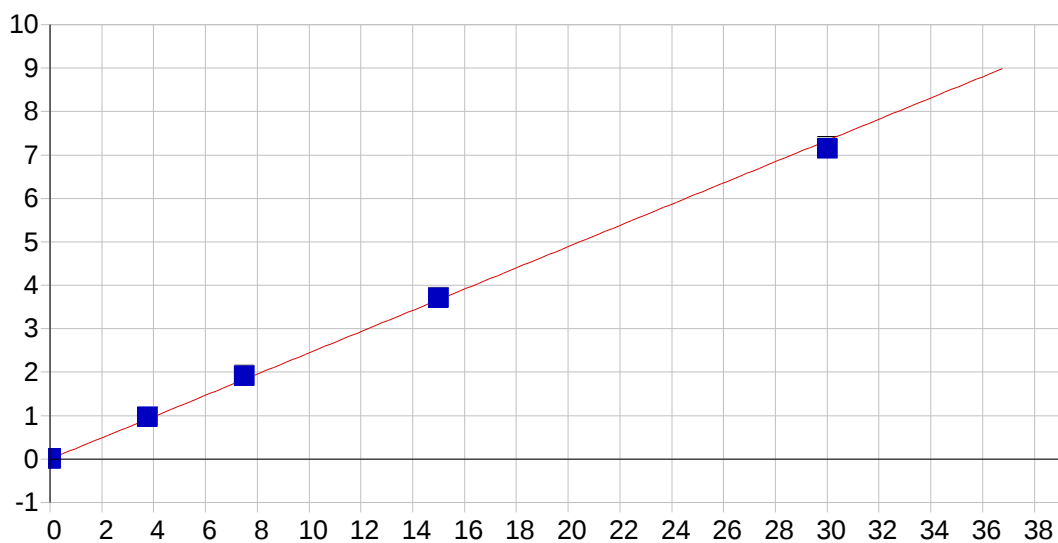


Fe 259.837 {130}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.012056 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.020308
 Predicted MQL: 0.067693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00028	.000	1
S1	.10000	.10102	.001	1.02	.00153	.000	1
S2	37.500	39.767	2.27	6.05	.48213	.002	1
S3	75.000	78.001	3.00	4.00	.94549	.004	1
S4	150.00	152.30	2.30	1.53	1.8461	.015	1
S5	300.00	296.07	-3.93	-1.31	3.5890	.063	1
S6	800.00	796.35	-3.65	-.456	9.6448	.009	1



Mn 257.610 {131}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000066

Re-Slope: 1.000000

A1 (Gain): 0.244508

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999506

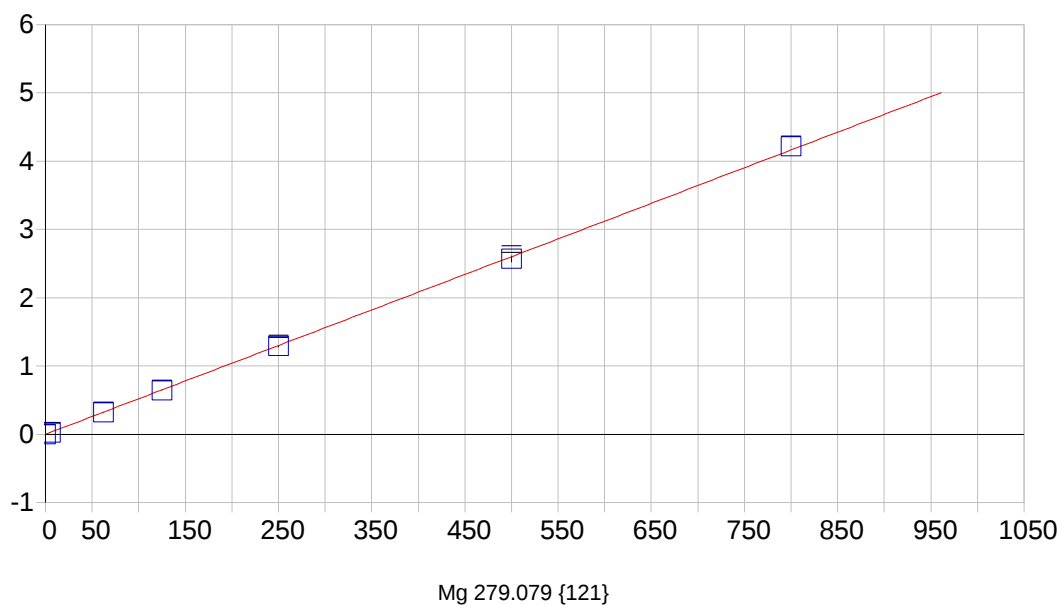
Status: OK.

Std Error of Est: 0.000274

Predicted MDL: 0.001056

Predicted MQL: 0.003519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01714	.002	14.3	.00413	.000	1
S2	3.7500	3.9932	.243	6.49	.97652	.012	1
S3	7.5000	7.8549	.355	4.73	1.9209	.015	1
S4	15.000	15.185	.185	1.23	3.7136	.013	1
S5	30.000	29.215	-.785	-2.62	7.1448	.050	1



Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000304

Re-Slope: 1.000000

A1 (Gain): 0.005205

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999925

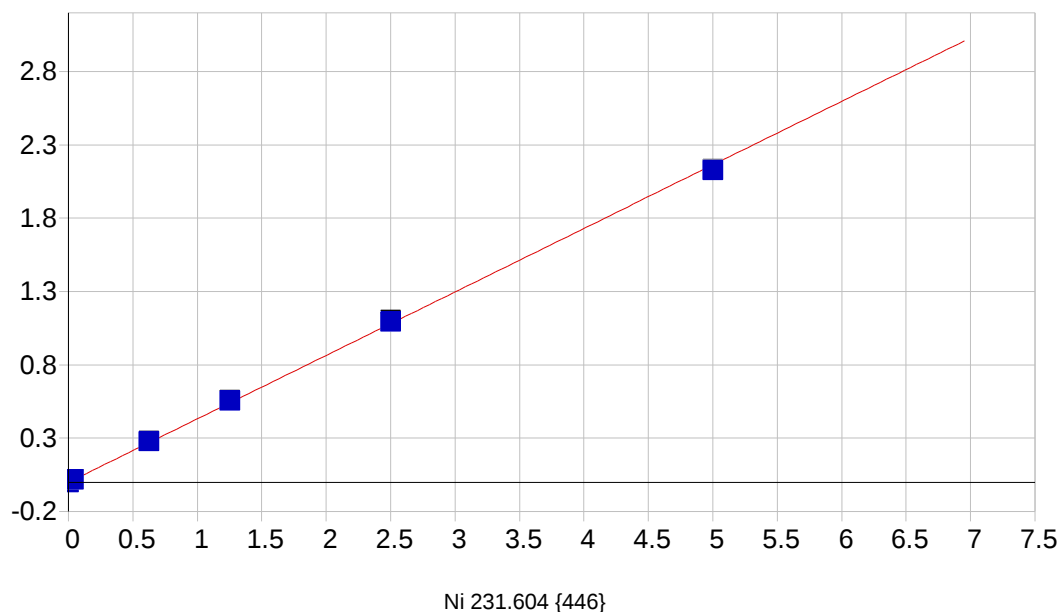
Status: OK.

Std Error of Est: 0.000222

Predicted MDL: 0.056469

Predicted MQL: 0.188231

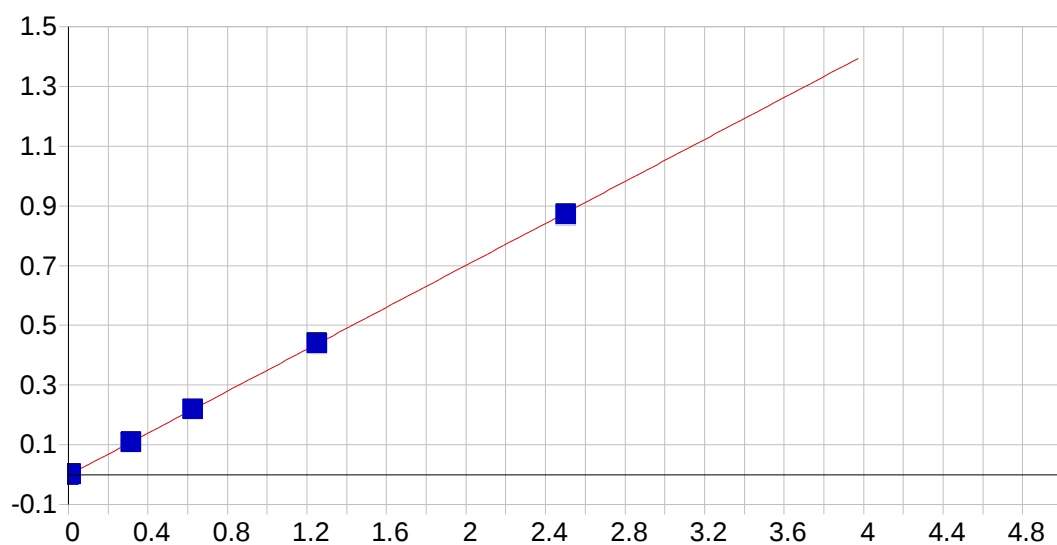
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	-.00030	.000	1
S1	5.0000	4.7631	-.237	-4.74	.02449	.000	1
S2	62.500	61.908	-.592	-.947	.32194	.001	1
S3	125.00	123.47	-1.53	-1.22	.64239	.004	1
S4	250.00	248.29	-1.71	-.685	1.2921	.014	1
S5	500.00	493.71	-6.29	-1.26	2.5695	.048	1
S6	800.00	810.36	10.4	1.29	4.2177	.005	1



Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000687 Re-Slope: 1.000000
 A1 (Gain): 0.432740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.000470
 Predicted MQL: 0.001565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.04000	.04054	.001	1.35	.01686	.000	1
S2	.62500	.64543	.020	3.27	.27917	.001	1
S3	1.2500	1.2871	.037	2.97	.55741	.000	1
S4	2.5000	2.5273	.027	1.09	1.0952	.010	1
S5	5.0000	4.9146	-.085	-1.71	2.1305	.004	1

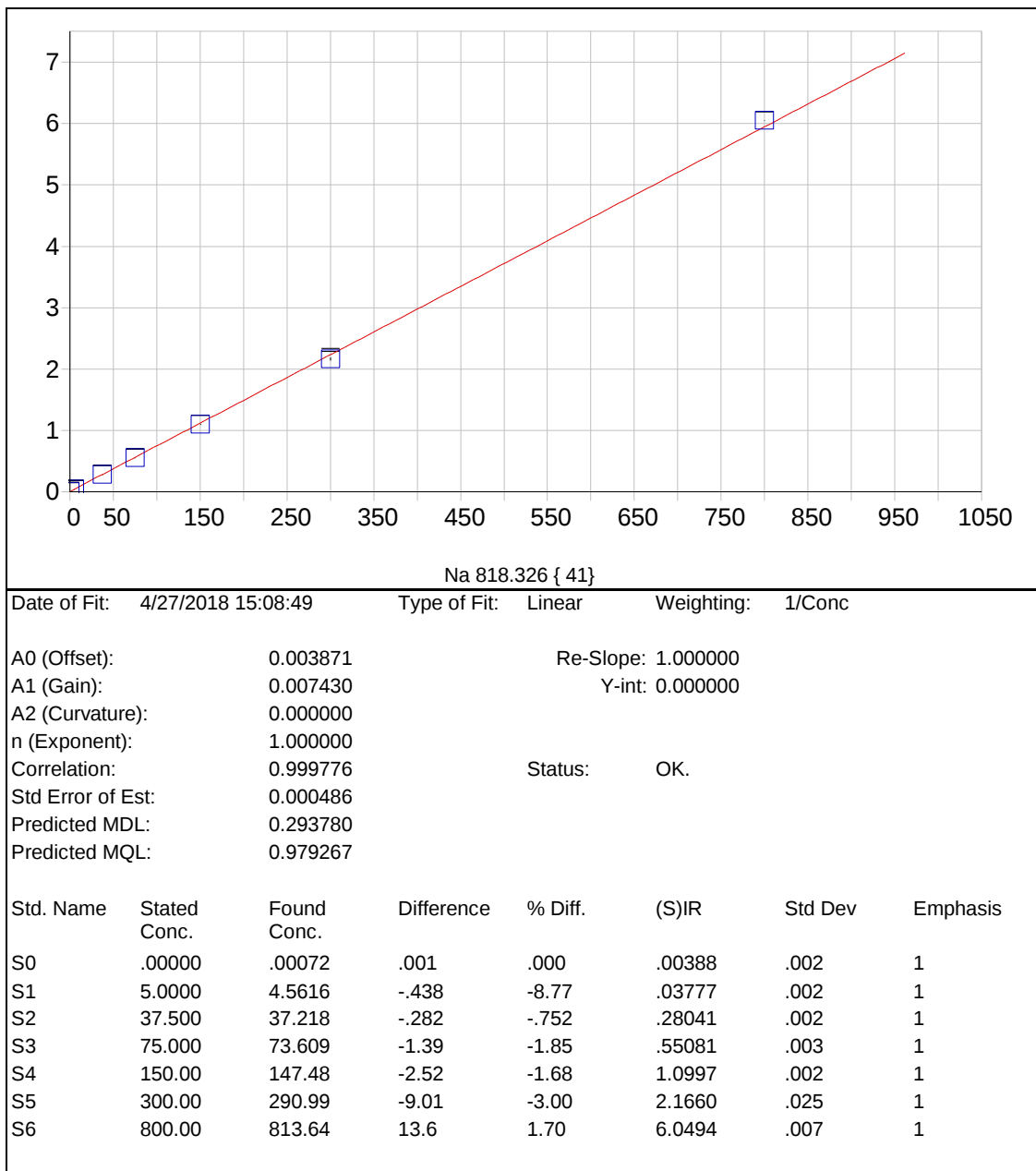


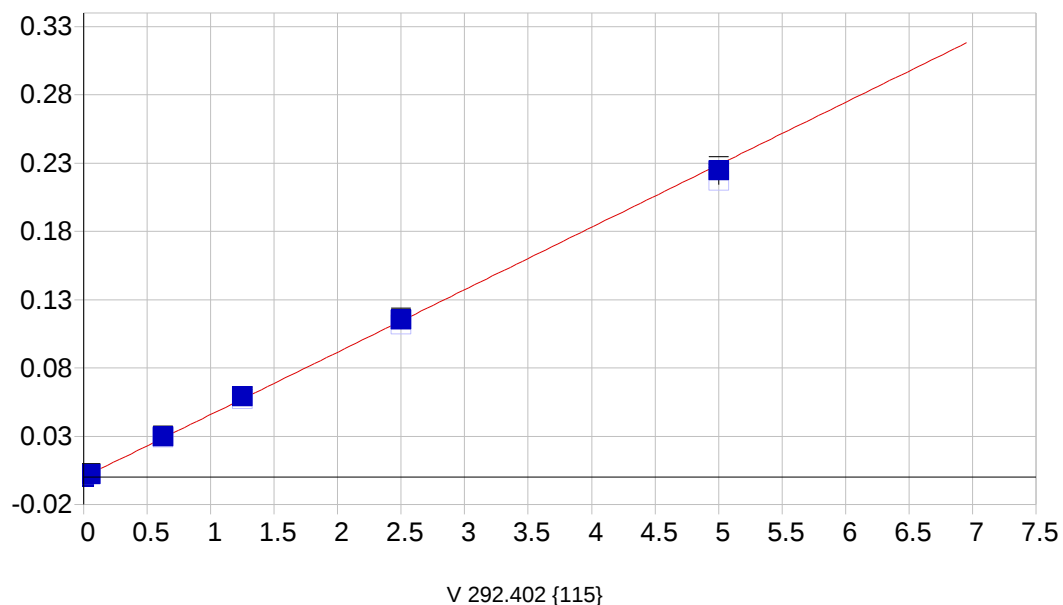
Ag 328.068 {103}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001566 Re-Slope: 1.000000
 A1 (Gain): 0.351170 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000453
 Predicted MQL: 0.001511

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00157	.000	1
S1	.01000	.00989	.000	-1.08	.00188	.000	1
S2	.31250	.31511	.003	.834	.10834	.000	1
S3	.62500	.62733	.002	.373	.21723	.000	1
S4	1.2500	1.2560	.006	.476	.43649	.002	1
S5	2.5000	2.4892	-.011	-.431	.86658	.002	1

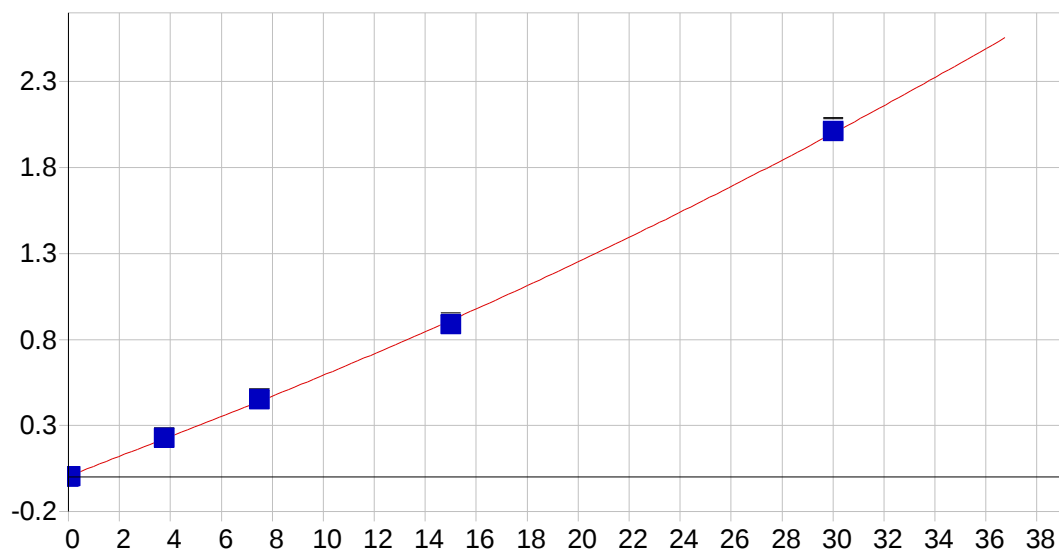




Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.045740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.006776
 Predicted MQL: 0.022588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.05000	.04827	-.002	-3.46	.00229	.000	1
S2	.62500	.65443	.029	4.71	.02908	.000	1
S3	1.2500	1.2881	.038	3.05	.05712	.000	1
S4	2.5000	2.5247	.025	.989	.11179	.001	1
S5	5.0000	4.9095	-.090	-1.81	.21710	.003	1

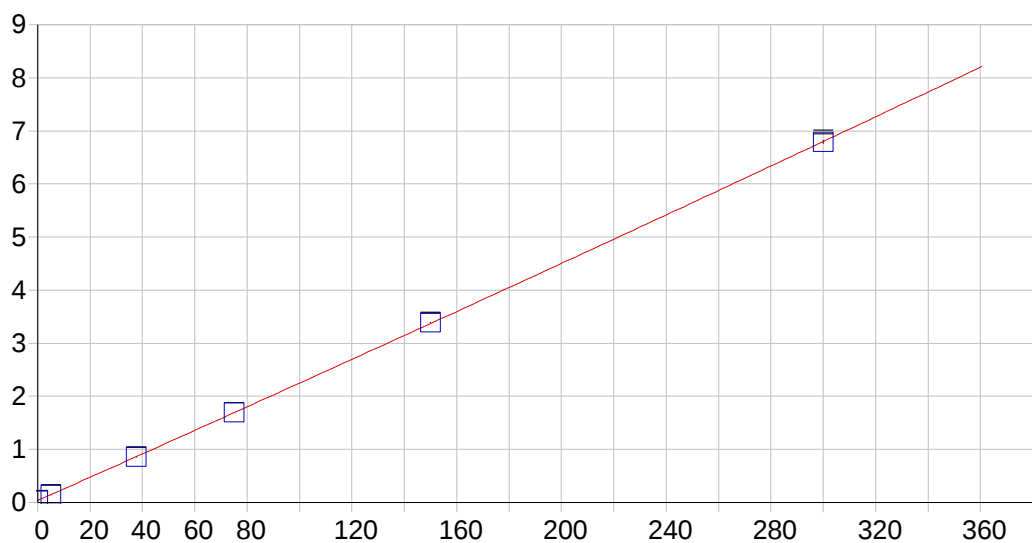


Zn 213.856 {158}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000366 Re-Slope: 1.000000
 A1 (Gain): 0.062017 Y-int: 0.000000
 A2 (Curvature): 0.001116
 n (Exponent): 0.920000
 Correlation: 0.999828 Status: Warning Positive Curvature
 Std Error of Est: 0.000119
 Predicted MDL: 0.009721
 Predicted MQL: 0.032402

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.06000	.04781	-.012	-20.3	.00343	.001	1
S2	3.7500	3.8527	.103	2.74	.22857	.001	1
S3	7.5000	7.6629	.163	2.17	.45293	.005	1
S4	15.000	14.623	-.377	-2.51	.89112	.006	1
S5	30.000	30.123	.123	.411	2.0184	.016	1



K 769.896 { 44}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.036867

Re-Slope: 1.000000

A1 (Gain): 0.021909

Y-int: 0.000000

A2 (Curvature): 0.000002

n (Exponent): 1.000000

Correlation: 0.999989

Status: Warning

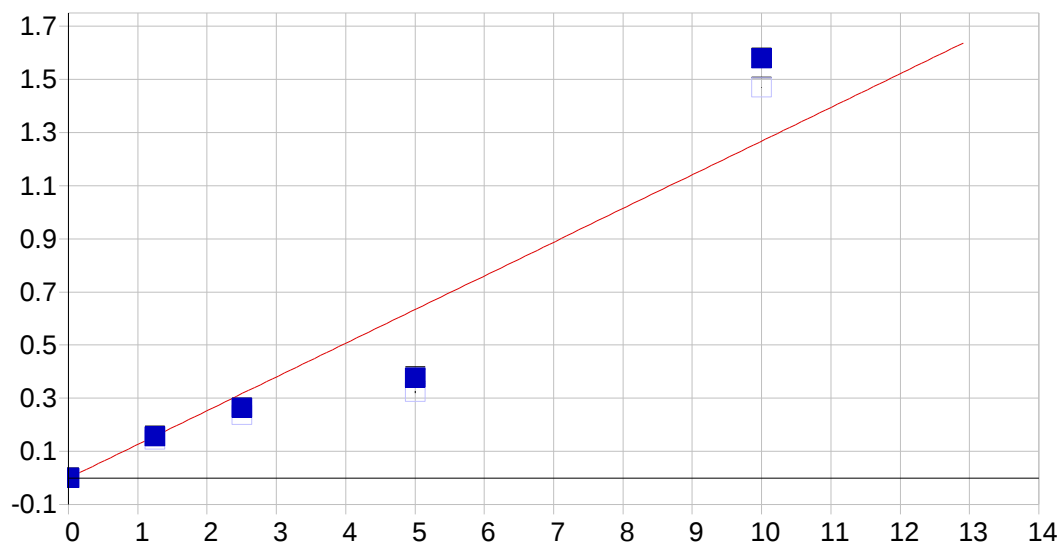
Positive Curvature

Std Error of Est: 0.000244

Predicted MDL: 0.077151

Predicted MQL: 0.257169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.03687	.001	1
S1	5.0000	4.7959	-.204	-4.08	.14199	.001	1
S2	37.500	37.310	-.190	-.506	.85724	.004	1
S3	75.000	75.065	.065	.086	1.6934	.003	1
S4	150.00	150.62	.620	.413	3.3848	.011	1
S5	300.00	299.71	-.291	-.097	6.7933	.040	1

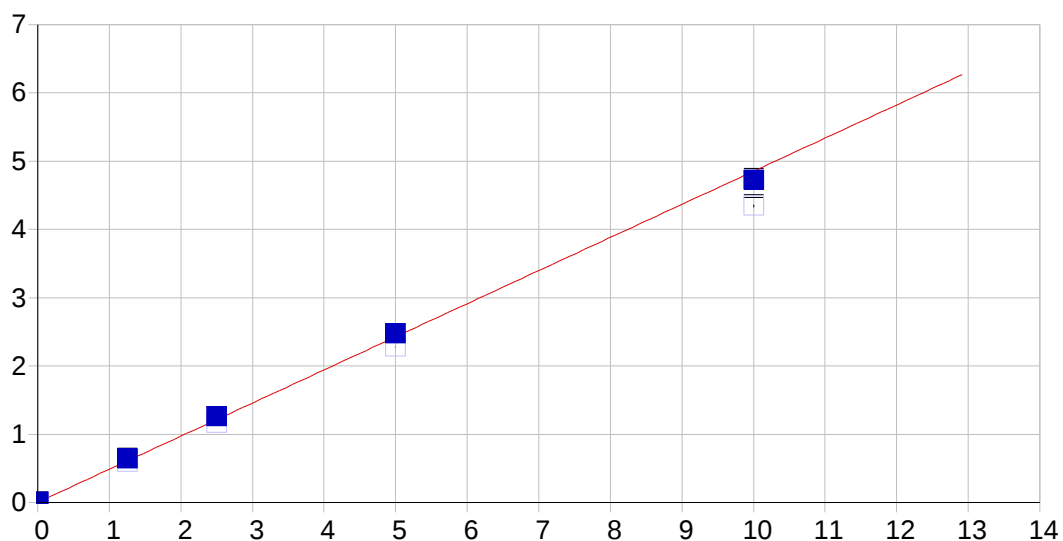


P 177.495 {490}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.126839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.955566 Status: OK.
 Std Error of Est: 0.000599
 Predicted MDL: 0.000668
 Predicted MQL: 0.002225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00064	.000	1
S1	.01000	.00353	-.006	-64.7	-.00028	.000	1
S2	1.2500	1.2391	-.011	-.870	.14285	.001	1
S3	2.5000	2.0789	-.421	-16.8	.23570	.001	1
S4	5.0000	2.9840	-2.02	-40.3	.32314	.004	1
S5	10.000	12.455	2.45	24.5	1.4697	.001	1



B 249.678 {135}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001553

Re-Slope: 1.000000

A1 (Gain): 0.485182

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999508

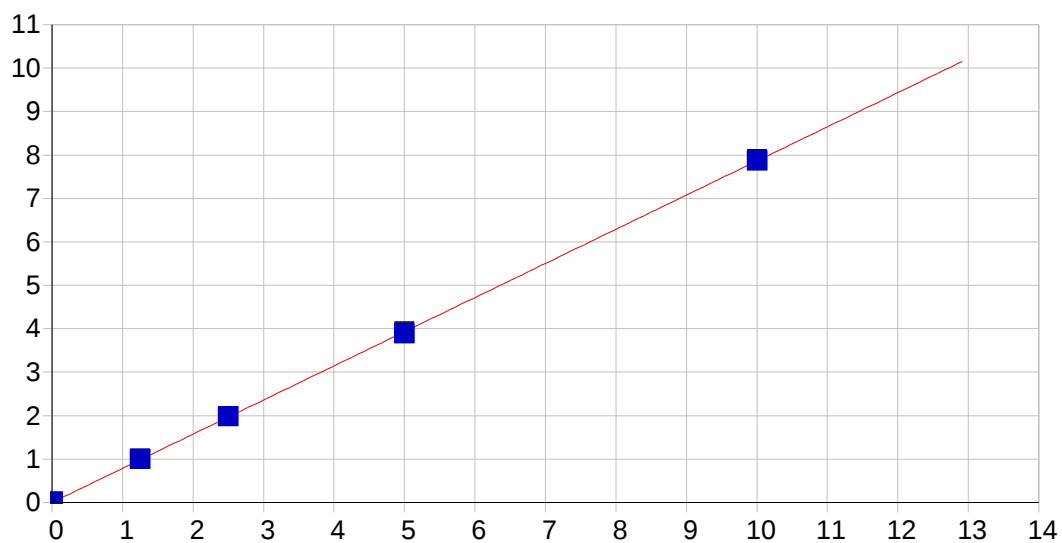
Status: OK.

Std Error of Est: 0.000235

Predicted MDL: 0.001127

Predicted MQL: 0.003757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00155	.000	1
S1	.01000	.00925	-.001	-7.53	.00594	.001	1
S2	1.2500	1.3153	.065	5.22	.59168	.007	1
S3	2.5000	2.5987	.099	3.95	1.1663	.003	1
S4	5.0000	5.0930	.093	1.86	2.2804	.004	1
S5	10.000	9.7438	-.256	-2.56	4.3448	.019	1

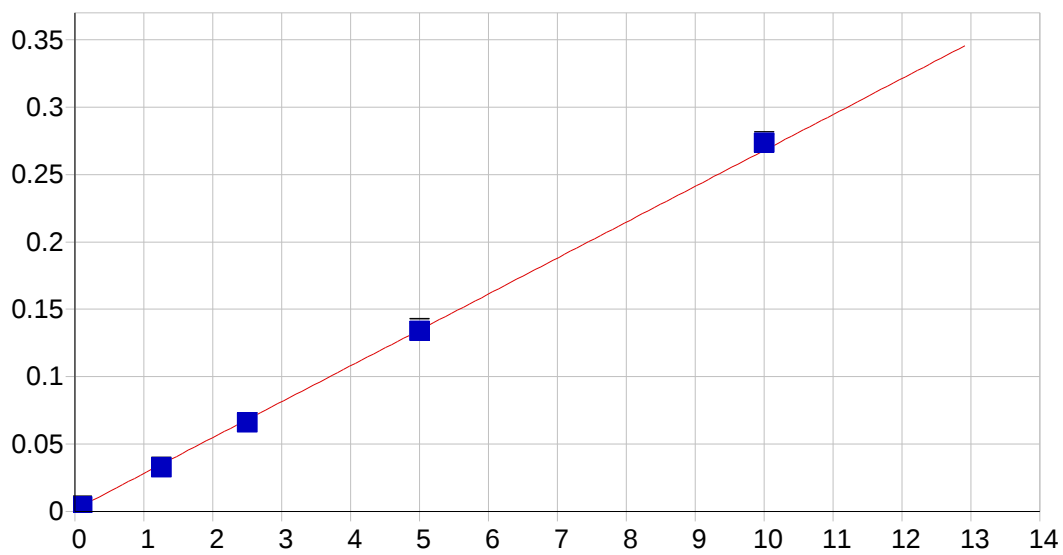


Mo 202.030 {467}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000406 Re-Slope: 1.000000
 A1 (Gain): 0.786189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000275
 Predicted MQL: 0.000918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.00998	.000	-.238	.00825	.000	1
S2	1.2500	1.2671	.017	1.37	.99654	.001	1
S3	2.5000	2.5231	.023	.922	1.9839	.002	1
S4	5.0000	4.9530	-.047	-.941	3.8942	.039	1
S5	10.000	10.007	.007	.069	7.8674	.021	1



S 182.034 {485}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001535

Re-Slope: 1.000000

A1 (Gain): 0.026640

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999616

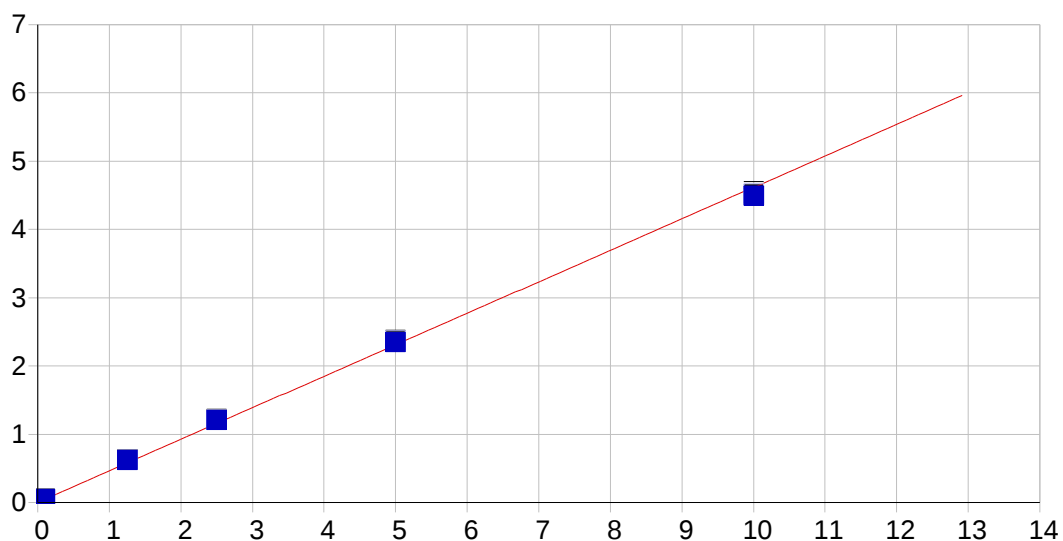
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.004049

Predicted MQL: 0.013495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00154	.000	1
S1	.10000	.08363	-.016	-16.4	.00376	.000	1
S2	1.2500	1.1723	-.078	-6.21	.03278	.000	1
S3	2.5000	2.4193	-.081	-3.23	.06601	.000	1
S4	5.0000	4.9699	-.030	-.602	.13398	.002	1
S5	10.000	10.205	.205	2.05	.27348	.001	1



Si 251.611 {134}

Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004265

Re-Slope: 1.000000

A1 (Gain): 0.461213

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999500

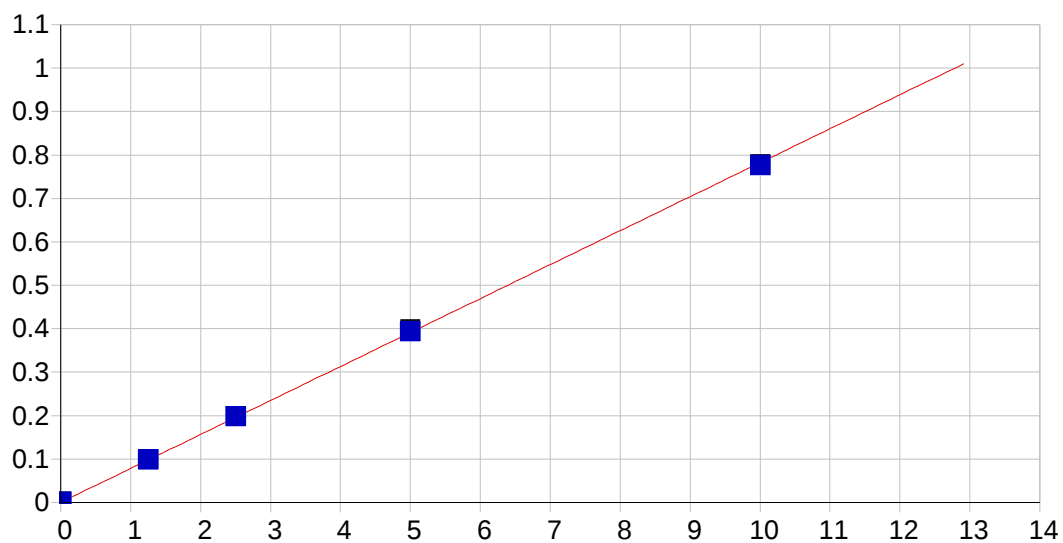
Status: OK.

Std Error of Est: 0.000781

Predicted MDL: 0.001224

Predicted MQL: 0.004081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00426	.001	1
S1	.10000	.09809	-.002	-1.91	.04966	.001	1
S2	1.2500	1.3360	.086	6.88	.62519	.005	1
S3	2.5000	2.6028	.103	4.11	1.2142	.004	1
S4	5.0000	5.0865	.086	1.73	2.3691	.008	1
S5	10.000	9.7266	-.273	-2.73	4.5281	.026	1

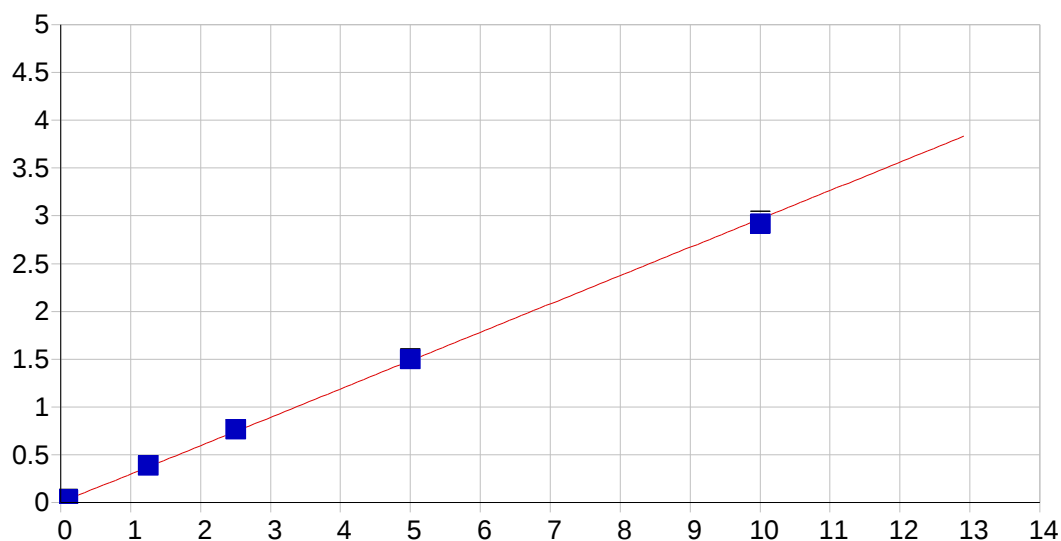


Sn 189.989 {478}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000175 Re-Slope: 1.000000
 A1 (Gain): 0.078210 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001250
 Predicted MQL: 0.004166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00657	.000	-6.18	.00067	.000	1
S2	1.2500	1.2588	.009	.706	.09841	.000	1
S3	2.5000	2.5342	.034	1.37	.19794	.000	1
S4	5.0000	5.0330	.033	.660	.39294	.004	1
S5	10.000	9.9244	-.076	-.756	.77463	.001	1

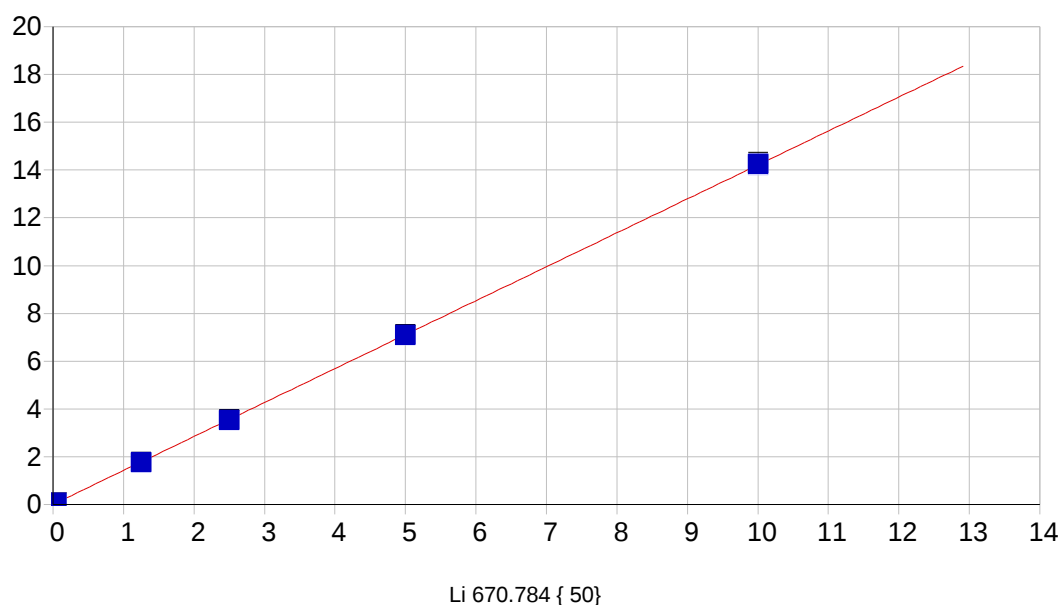


Ti 336.121 {100}

Date of Fit: 4/27/2018 15:08:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001020 Re-Slope: 1.000000
 A1 (Gain): 0.296689 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817 Status: OK.
 Std Error of Est: 0.000301
 Predicted MDL: 0.001938
 Predicted MQL: 0.006459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00102	.000	1
S1	.10000	.10298	.003	2.98	.03156	.001	1
S2	1.2500	1.2948	.045	3.59	.38505	.000	1
S3	2.5000	2.5703	.070	2.81	.76332	.002	1
S4	5.0000	5.0477	.048	.954	1.4981	.003	1
S5	10.000	9.8342	-.166	-1.66	2.9176	.029	1



Date of Fit: 4/27/2018 15:08:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005701

Re-Slope: 1.000000

A1 (Gain): 1.420689

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999972

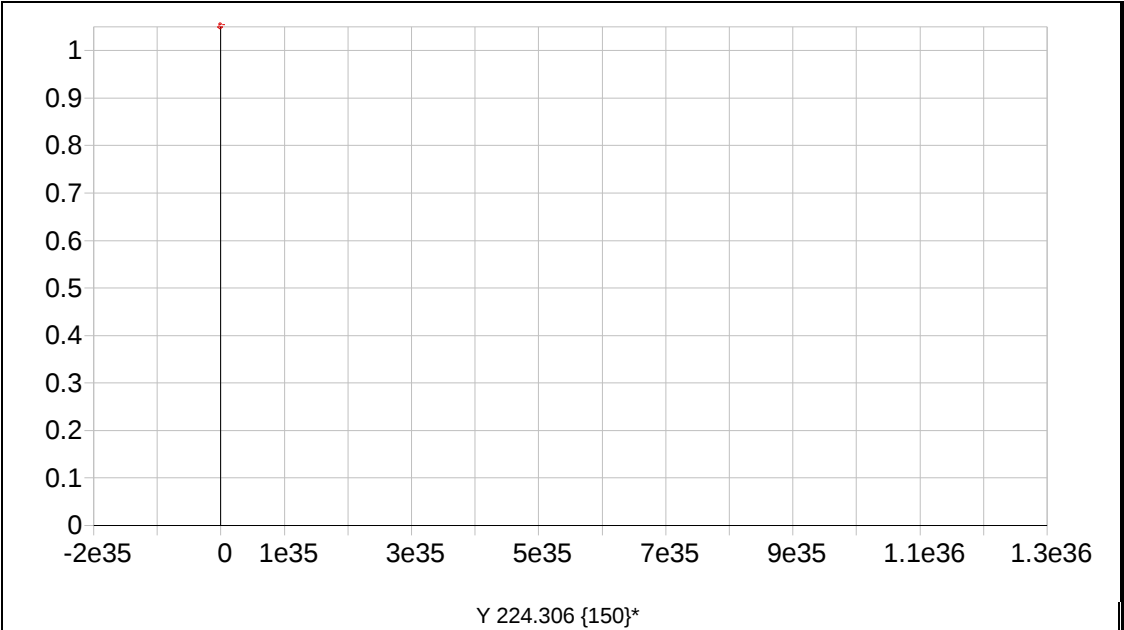
Status: OK.

Std Error of Est: 0.000393

Predicted MDL: 0.001531

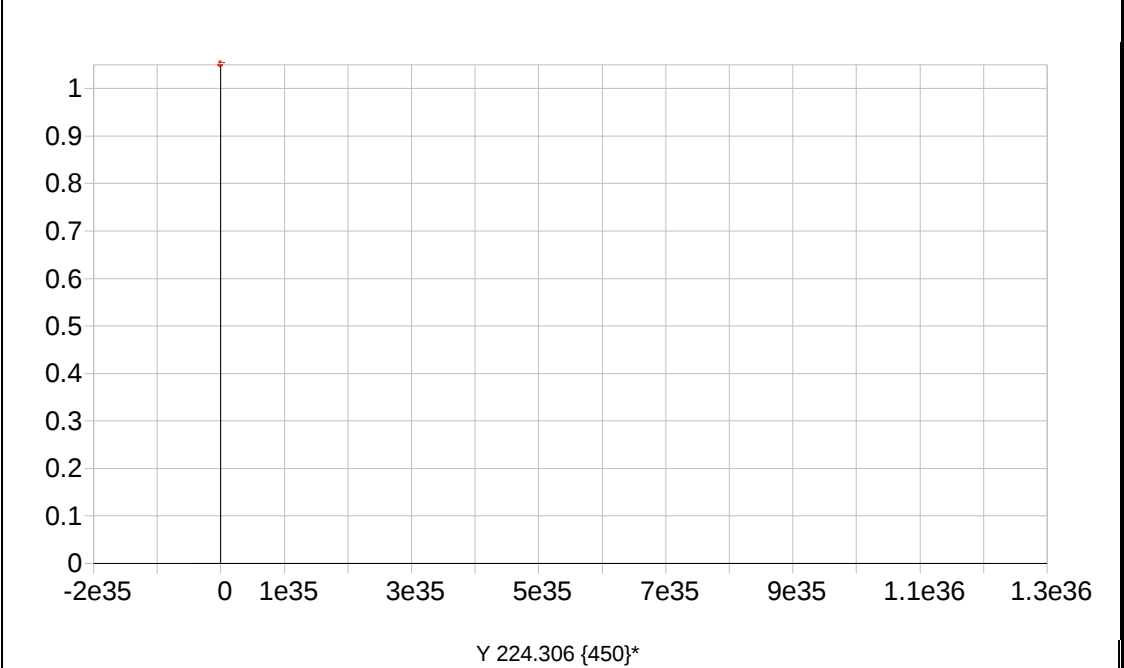
Predicted MQL: 0.005102

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00571	.002	1
S5	10.000	10.036	.036	.358	14.184	.061	1
S4	5.0000	4.9982	-.002	-.037	7.0666	.004	1
S3	2.5000	2.4857	-.014	-.570	3.5172	.011	1
S2	1.2500	1.2361	-.014	-1.12	1.7518	.002	1
S1	.05000	.04427	-.006	-11.5	.06845	.001	1

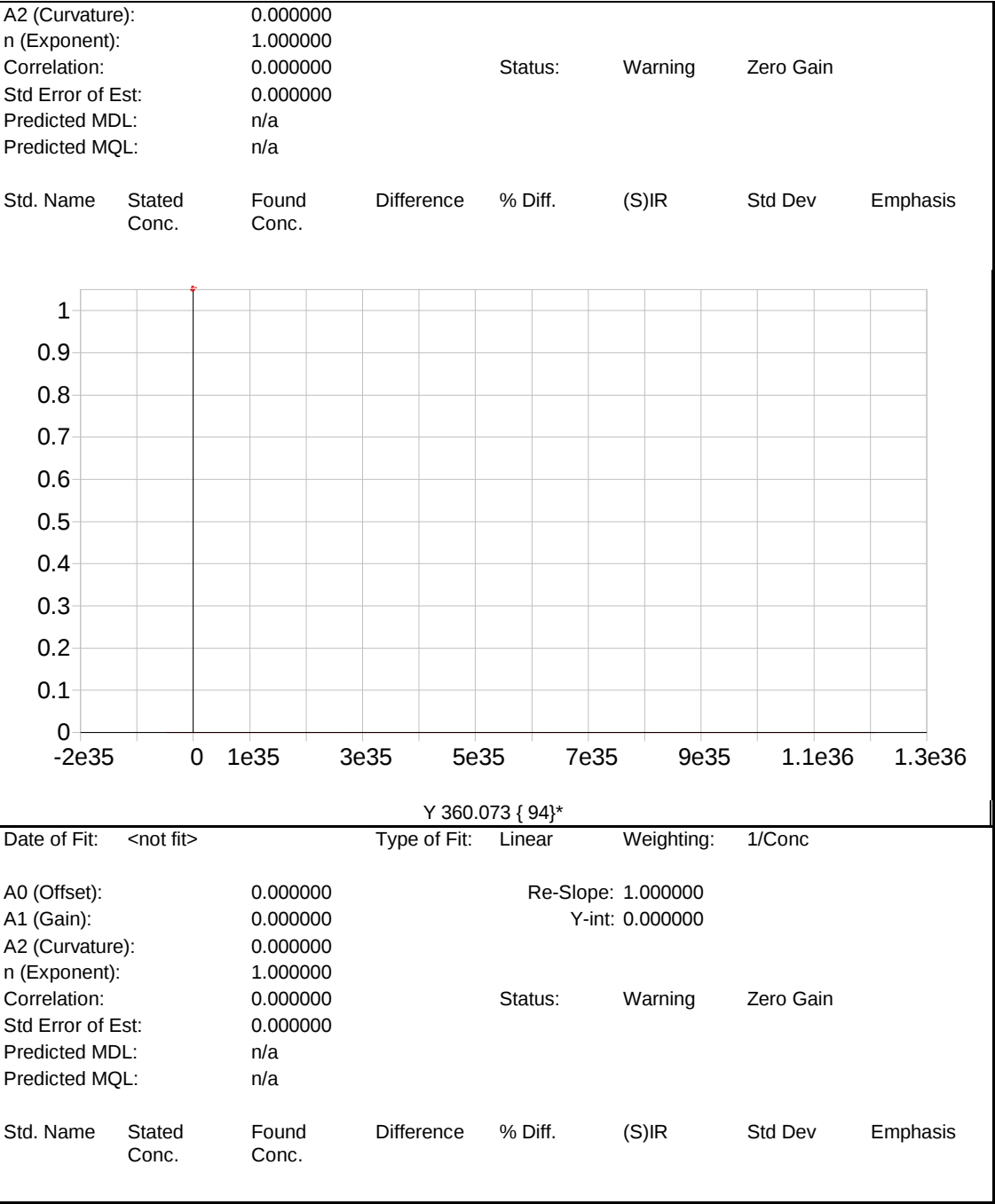


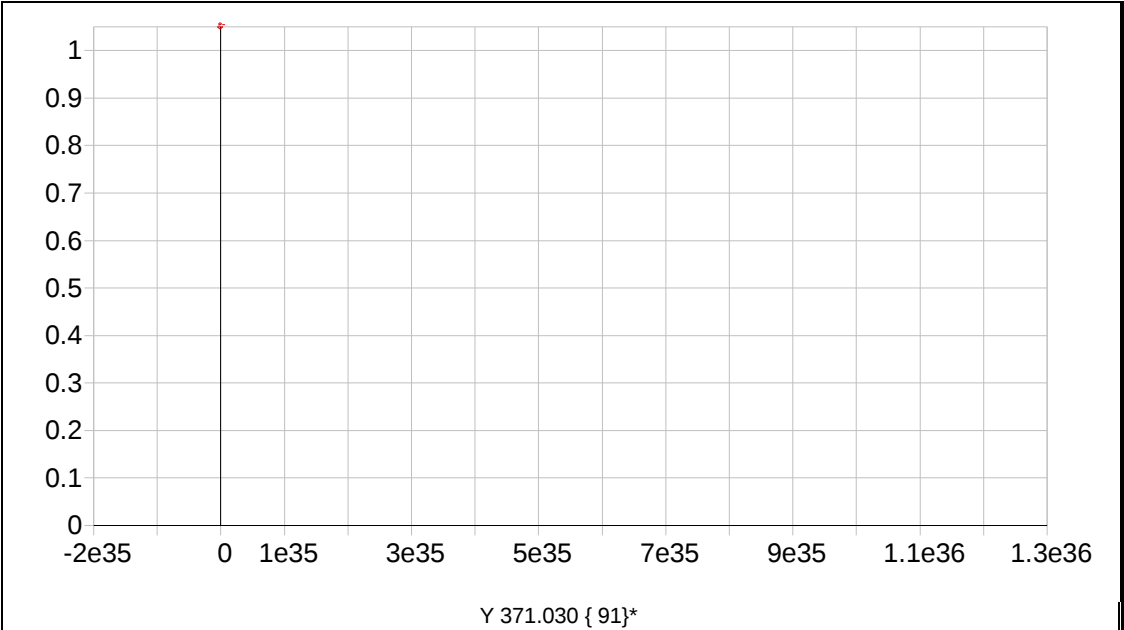
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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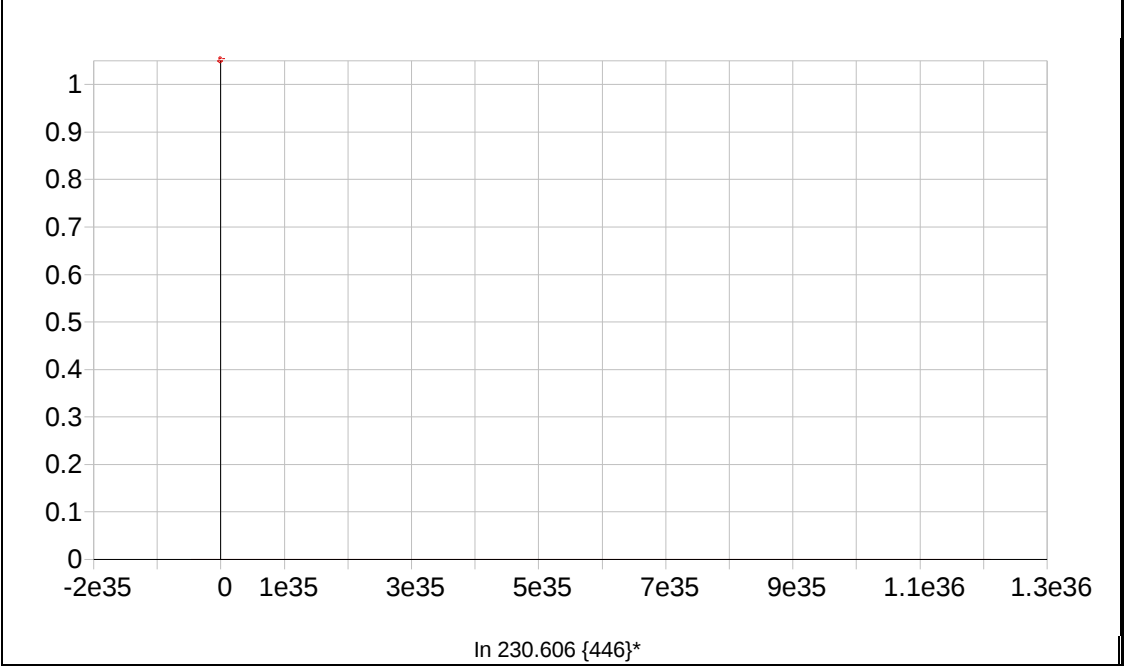
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



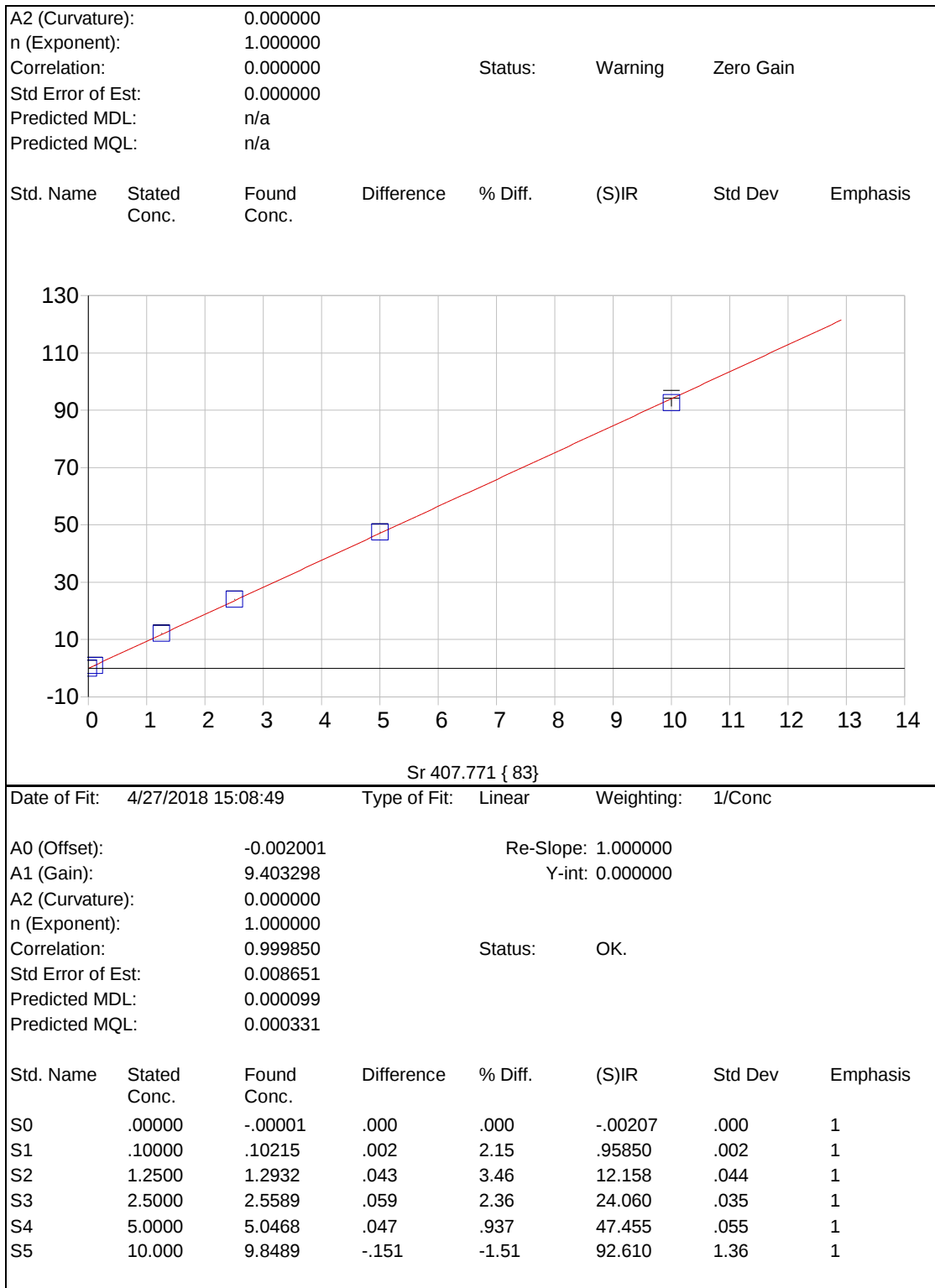


A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

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: 4/27/2018 12:04:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	-.00013	-.00014	-.00047	.00008	.00008	.00089	-.01140	-.00066
Stddev	.00005	.00007	.00024	.00008	.00005	.00041	.00079	.00017
%RSD	40.105	52.752	51.760	104.82	59.878	46.306	6.9093	26.565

#1	-.00019	-.00017	-.00019	.00005	.00012	.00115	-.01058	-.00047
#2	-.00013	-.00019	-.00060	.00017	.00003	.00109	-.01215	-.00081
#3	-.00008	-.00005	-.00061	.00002	.00009	.00041	-.01148	-.00070

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	.00008	.00383	-.00007	.00014	.00083	.00028	-.00007	-.00030
Stddev	.00012	.00031	.00006	.00010	.00023	.00009	.00006	.00018
%RSD	153.40	7.9736	86.469	67.343	27.458	29.963	86.168	59.755

#1	.00015	.00388	-.00007	.00019	.00103	.00030	-.00009	-.00011
#2	.00014	.00351	-.00001	.00021	.00058	.00036	-.00011	-.00034
#3	-.00006	.00411	-.00013	.00003	.00088	.00019	.00000	-.00046

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	-.00069	-.00157	.00388	.00008	-.00036	.03687	-.00064	.00155
Stddev	.00007	.00014	.00216	.00035	.00021	.00148	.00004	.00034
%RSD	10.848	8.8123	55.769	413.24	57.134	4.0219	6.6047	22.046

#1	-.00077	-.00145	.00623	-.00018	-.00024	.03530	-.00069	.00156
#2	-.00068	-.00153	.00198	-.00005	-.00025	.03706	-.00062	.00189
#3	-.00062	-.00172	.00342	.00048	-.00061	.03825	-.00062	.00121

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	.00041	.00154	.00426	.00017	.00102	.00571	-.00207	
Stddev	.00004	.00007	.00066	.00010	.00039	.00159	.00045	
%RSD	10.736	4.3817	15.505	58.456	38.165	27.933	21.789	

#1	.00037	.00157	.00382	.00029	.00142	.00548	-.00196	
#2	.00045	.00146	.00395	.00013	.00098	.00741	-.00257	
#3	.00040	.00158	.00502	.00010	.00065	.00424	-.00169	

Sample Name: S0 Acquired: 4/27/2018 12:04:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	1458.2	2727.4	36320.	4875.0	3796.5
Stddev	11.2	17.0	156.	62.1	23.4
%RSD	.76891	.62244	.43037	1.2735	.61675
#1	1456.5	2712.1	36219.	4903.2	3770.9
#2	1448.0	2745.6	36241.	4918.0	3816.9
#3	1470.2	2724.5	36500.	4803.9	3801.8

Sample Name: S1 Acquired: 4/27/2018 12:08:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.00035	.00104	.00130	.00221	.00715	.01271	.51293	.03231
Stddev	.00002	.00006	.00016	.00010	.00015	.00038	.00083	.00034
%RSD	4.9849	6.0451	11.923	4.4639	2.0905	2.9885	.16217	1.0509

#1	.00036	.00109	.00133	.00232	.00706	.01265	.51273	.03268
#2	.00036	.00107	.00113	.00214	.00708	.01311	.51384	.03201
#3	.00033	.00097	.00144	.00217	.00733	.01236	.51222	.03223

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	.01195	.23270	.00149	.03801	.00402	.00153	.00413	.02449
Stddev	.00005	.00120	.00003	.00012	.00038	.00005	.00016	.00040
%RSD	.43020	.51433	2.3095	.32385	9.4632	3.3424	3.8814	1.6442

#1	.01200	.23317	.00153	.03811	.00444	.00150	.00419	.02402
#2	.01190	.23359	.00149	.03787	.00370	.00159	.00424	.02473
#3	.01195	.23134	.00146	.03804	.00391	.00150	.00394	.02471

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	.01686	.00188	.03777	.00229	.00343	.14199	-.00028	.00594
Stddev	.00021	.00007	.00184	.00029	.00067	.00141	.00002	.00062
%RSD	1.2620	3.6407	4.8722	12.588	19.592	.99074	6.5051	10.382

#1	.01706	.00181	.03692	.00239	.00293	.14176	-.00029	.00549
#2	.01690	.00189	.03650	.00196	.00317	.14071	-.00026	.00664
#3	.01664	.00195	.03988	.00251	.00420	.14350	-.00029	.00569

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	.00825	.00376	.04966	.00067	.03156	.06845	.95850	
Stddev	.00015	.00012	.00062	.00003	.00056	.00128	.00165	
%RSD	1.8147	3.1518	1.2453	4.6271	1.7760	1.8717	.17177	

#1	.00842	.00384	.04896	.00070	.03216	.06891	.95681	
#2	.00814	.00382	.05011	.00065	.03105	.06944	.95860	
#3	.00818	.00363	.04992	.00064	.03148	.06700	.96010	

Sample Name: S1 Acquired: 4/27/2018 12:08:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	1472.6	2701.6	36362.	4887.1	3769.7
Stddev	7.5	3.5	67.	16.4	4.8
%RSD	.50908	.12909	.18399	.33603	.12630
#1	1479.2	2701.6	36314.	4896.2	3771.8
#2	1464.4	2705.1	36333.	4868.1	3773.0
#3	1474.3	2698.1	36438.	4896.9	3764.2

Sample Name: S2 Acquired: 4/27/2018 12:12:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.05040	.05885	1.1770	.07493	.15178	2.2651	6.5815	.83779
Stddev	.00013	.00015	.0056	.00046	.00034	.0055	.0432	.01075
%RSD	.26483	.24658	.47934	.61704	.22421	.24411	.65641	1.2837

#1	.05035	.05868	1.1719	.07507	.15159	2.2636	6.5519	.84790
#2	.05031	.05890	1.1761	.07441	.15218	2.2712	6.6311	.83897
#3	.05056	.05896	1.1831	.07531	.15159	2.2604	6.5615	.82649

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	1.5497	2.8096	.56916	.49818	.41709	.48213	.97652	.32194
Stddev	.0058	.0317	.00086	.00257	.00182	.00220	.01180	.00053
%RSD	.37309	1.1291	.15094	.51611	.43540	.45590	1.2080	.16358

#1	1.5438	2.7755	.56996	.49582	.41559	.48139	.96477	.32197
#2	1.5499	2.8383	.56825	.49780	.41911	.48040	.98836	.32245
#3	1.5553	2.8149	.56928	.50092	.41656	.48460	.97642	.32140

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	.27917	.10834	.28041	.02908	.22857	.85724	.14285	.59168
Stddev	.00122	.00047	.00230	.00036	.00120	.00445	.00068	.00725
%RSD	.43752	.43555	.81935	1.2387	.52336	.51938	.47515	1.2254

#1	.27837	.10841	.28301	.02945	.22794	.85754	.14212	.59734
#2	.27857	.10784	.27960	.02903	.22783	.86153	.14298	.59418
#3	.28058	.10878	.27863	.02874	.22995	.85264	.14346	.58351

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	.99654	.03278	.62519	.09841	.38505	1.7518	12.158
Stddev	.00090	.00009	.00549	.00035	.00020	.0019	.044
%RSD	.08987	.27116	.87749	.35549	.05246	.11118	.36383

#1	.99574	.03275	.63045	.09801	.38503	1.7531	12.178
#2	.99637	.03270	.62561	.09857	.38485	1.7526	12.189
#3	.99751	.03288	.61951	.09866	.38526	1.7495	12.108

Sample Name: S2 Acquired: 4/27/2018 12:12:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	1407.5	2581.0	35275.	4880.1	3395.5
Stddev	4.6	1.8	83.	39.1	10.0
%RSD	.32531	.07035	.23445	.80138	.29514
#1	1408.4	2580.5	35354.	4847.6	3404.3
#2	1402.6	2582.9	35189.	4869.1	3397.7
#3	1411.6	2579.4	35282.	4923.5	3384.6

Sample Name: S3 Acquired: 4/27/2018 12:16:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.10064	.11716	2.3495	.15034	.30547	4.4940	13.158	1.6488
Stddev	.00041	.00119	.0031	.00042	.00017	.0160	.030	.0101
%RSD	.40576	1.0185	.13335	.27906	.05510	.35549	.22586	.61219

#1	.10085	.11743	2.3467	.15007	.30556	4.4814	13.125	1.6386
#2	.10017	.11585	2.3489	.15083	.30558	4.4885	13.184	1.6491
#3	.10090	.11819	2.3529	.15013	.30528	4.5120	13.164	1.6588

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0939	5.5488	1.1124	.99813	.82402	.94549	1.9209	.64239
Stddev	.0069	.0313	.0018	.00079	.00064	.00399	.0147	.00412
%RSD	.22349	.56447	.15747	.07866	.07724	.42232	.76419	.64154

#1	3.0938	5.5129	1.1126	.99769	.82334	.94975	1.9055	.64699
#2	3.0871	5.5708	1.1105	.99767	.82410	.94183	1.9346	.63903
#3	3.1010	5.5626	1.1140	.99904	.82461	.94488	1.9227	.64115

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	.55741	.21723	.55081	.05712	.45293	1.6934	.23570	1.1663
Stddev	.00049	.00029	.00300	.00017	.00513	.0029	.00074	.0029
%RSD	.08796	.13555	.54406	.30161	1.1331	.17304	.31381	.25280

#1	.55691	.21729	.55030	.05716	.45589	1.6901	.23532	1.1653
#2	.55744	.21692	.54810	.05726	.45589	1.6957	.23522	1.1640
#3	.55789	.21750	.55403	.05693	.44700	1.6943	.23655	1.1697

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	1.9839	.06601	1.2142	.19794	.76332	3.5172	24.060	
Stddev	.0021	.00012	.0038	.00022	.00237	.0111	.035	
%RSD	.10771	.18087	.31529	.10993	.31062	.31462	.14432	

#1	1.9827	.06587	1.2099	.19798	.76167	3.5163	24.044	
#2	1.9864	.06608	1.2174	.19771	.76225	3.5066	24.036	
#3	1.9827	.06608	1.2152	.19814	.76603	3.5287	24.100	

Sample Name: S3 Acquired: 4/27/2018 12:16:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	1339.3	2459.3	34016.	4787.6	3180.3
Stddev	4.0	3.4	138.	12.2	2.3
%RSD	.30023	.13844	.40592	.25547	.07187
#1	1335.4	2457.3	33928.	4796.8	3178.0
#2	1339.1	2457.3	34175.	4792.3	3182.6
#3	1343.5	2463.2	33945.	4773.7	3180.3

Sample Name: S4 Acquired: 4/27/2018 12:20:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.20365	.22586	4.6565	.29717	.61185	9.0038	26.112	3.2389
Stddev	.00185	.00298	.0455	.00369	.00565	.0265	.065	.0128
%RSD	.90656	1.3201	.97639	1.2420	.92279	.29460	.24863	.39521

#1	.20410	.22797	4.6715	.29970	.61596	9.0055	26.053	3.2363
#2	.20163	.22245	4.6054	.29294	.60541	8.9765	26.181	3.2528
#3	.20524	.22715	4.6925	.29889	.61418	9.0294	26.101	3.2276

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0739	10.807	2.1517	1.9711	1.6282	1.8461	3.7136	1.2921
Stddev	.0600	.027	.0016	.0186	.0037	.0155	.0133	.0143
%RSD	.98748	.25070	.07614	.94179	.22870	.83759	.35686	1.1074

#1	6.1050	10.776	2.1502	1.9770	1.6282	1.8551	3.7011	1.3006
#2	6.0047	10.820	2.1513	1.9503	1.6245	1.8282	3.7122	1.2755
#3	6.1119	10.825	2.1534	1.9860	1.6319	1.8549	3.7275	1.3001

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	1.0952	.43649	1.0997	.11179	.89112	3.3848	.32314	2.2804
Stddev	.0099	.00216	.0019	.00121	.00592	.0109	.00419	.0041
%RSD	.90140	.49464	.17133	1.0798	.66428	.32288	1.2979	.18017

#1	1.0989	.43632	1.1010	.11174	.89165	3.3833	.32555	2.2804
#2	1.0840	.43442	1.0975	.11062	.88495	3.3748	.31830	2.2845
#3	1.1027	.43873	1.1005	.11303	.89675	3.3964	.32557	2.2763

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	3.8942	.13398	2.3691	.39294	1.4981	7.0666	47.455	
Stddev	.0394	.00181	.0078	.00362	.0034	.0042	.055	
%RSD	1.0111	1.3522	.32918	.92242	.22889	.05969	.11590	

#1	3.9229	.13446	2.3615	.39425	1.4967	7.0713	47.477	
#2	3.8493	.13198	2.3688	.38885	1.4955	7.0633	47.392	
#3	3.9104	.13550	2.3770	.39573	1.5020	7.0652	47.496	

Sample Name: S4 Acquired: 4/27/2018 12:20:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	1268.9	2350.4	33171.	4722.0	2991.9
Stddev	8.4	22.4	81.	20.4	27.3
%RSD	.66217	.95284	.24509	.43116	.91256
#1	1271.3	2334.5	33140.	4717.5	2978.5
#2	1275.9	2376.0	33263.	4744.2	3023.3
#3	1259.6	2340.7	33110.	4704.2	2973.9

Sample Name: S5 Acquired: 4/27/2018 12:23:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.41728	.43123	9.1437	.60574	1.2659	18.034	50.414	6.3349
Stddev	.00121	.00125	.0063	.00256	.0039	.138	.327	.0316
%RSD	.29062	.28901	.06944	.42297	.30631	.76436	.64766	.49874

#1	.41636	.43267	9.1374	.60315	1.2628	18.180	50.612	6.3487
#2	.41682	.43056	9.1501	.60582	1.2646	17.906	50.037	6.2987
#3	.41866	.43046	9.1435	.60827	1.2702	18.017	50.592	6.3572

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	11.791	21.112	4.1132	3.8541	3.1851	3.5890	7.1448	2.5695
Stddev	.024	.108	.0075	.0036	.0167	.0631	.0505	.0480
%RSD	.20557	.51355	.18320	.09399	.52572	1.7574	.70650	1.8661

#1	11.769	21.122	4.1050	3.8500	3.2044	3.6402	7.1346	2.6079
#2	11.817	21.214	4.1197	3.8557	3.1767	3.5186	7.1997	2.5158
#3	11.786	20.998	4.1151	3.8566	3.1742	3.6083	7.1003	2.5849

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	2.1305	.86658	2.1660	.21710	2.0184	6.7933	1.4697	4.3448
Stddev	.0041	.00159	.0247	.00272	.0159	.0400	.0012	.0191
%RSD	.19289	.18309	1.1407	1.2522	.78853	.58923	.08166	.43922

#1	2.1258	.86550	2.1881	.21985	2.0351	6.8370	1.4700	4.3449
#2	2.1331	.86584	2.1393	.21441	2.0034	6.7585	1.4684	4.3256
#3	2.1326	.86840	2.1706	.21705	2.0168	6.7845	1.4707	4.3638

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	7.8674	.27348	4.5281	.77463	2.9176	14.184	92.610	
Stddev	.0209	.00081	.0262	.00118	.0287	.061	1.360	
%RSD	.26498	.29603	.57929	.15250	.98295	.42791	1.4688	

#1	7.8452	.27268	4.5385	.77357	2.9479	14.253	93.483	
#2	7.8705	.27347	4.4983	.77590	2.8909	14.159	91.043	
#3	7.8866	.27430	4.5475	.77443	2.9140	14.139	93.305	

Sample Name: S5 Acquired: 4/27/2018 12:23:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	1159.1	2154.7	32000.	4659.9	2762.2
Stddev	8.2	3.7	139.	44.5	5.4
%RSD	.70918	.17165	.43563	.95504	.19645
#1	1154.6	2157.3	31908.	4633.3	2766.7
#2	1168.6	2156.4	32161.	4711.2	2756.2
#3	1154.2	2150.5	31932.	4635.0	2763.6

Sample Name: S6 Acquired: 4/27/2018 12:28:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	49.088	34.481	9.6448	4.2177	6.0494
Stddev	.169	.131	.0091	.0051	.0068
%RSD	.34528	.37853	.09466	.12064	.11233

#1	49.106	34.330	9.6537	4.2216	6.0549
#2	49.248	34.560	9.6452	4.2196	6.0515
#3	48.911	34.552	9.6354	4.2119	6.0418

Int. Std.	Y_3710
Units	Cts/S
Avg	4599.3
Stddev	7.4
%RSD	.16072

#1	4606.0
#2	4600.5
#3	4591.3

Sample Name: ICV Acquired: 4/27/2018 12:32:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.9796010	1.094826	.9690336	1.009329	.9631691	2.433018
Stddev	.0093866	.016477	.0125826	.006634	.0055746	.011711
%RSD	.9582082	1.504952	1.298464	.6573003	.5787801	.4813213

#1	.9903020	1.099426	.9835075	1.013318	.9693365	2.423127
#2	.9727592	1.076538	.9607006	1.001671	.9584890	2.429978
#3	.9757417	1.108514	.9628929	1.012999	.9616816	2.445949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5166245	.5165626	.5020091	10.56420	.5100735	.5039266
Stddev	.0009749	.0029515	.0045862	.02597	.0004338	.0054153
%RSD	.1887001	.5713690	.9135721	.2458416	.0850501	1.074624

#1	.5173213	.5155659	.5065637	10.55856	.5098560	.5101724
#2	.5155105	.5142385	.4973919	10.54151	.5097915	.5005434
#3	.5170418	.5198834	.5020716	10.59252	.5105731	.5010640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229541	5.548227	.5294756	5.968125	.5165405	.4949018
Stddev	.0034250	.027401	.0012385	.122440	.0038578	.0012636
%RSD	.6549284	.4938616	.2339059	2.051574	.7468442	.2553277

#1	.5243545	5.560040	.5285037	6.105278	.5209934	.4961538
#2	.5190509	5.516901	.5290532	5.929272	.5142103	.4949249
#3	.5254570	5.567739	.5308701	5.869825	.5144177	.4936269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.841372	.5275988	1.048117	9.182856	F .0148155	F 2.462268
Stddev	.146768	.0099171	.015559	.054749	.0005366	.014728
%RSD	1.491334	1.879669	1.484451	.5962061	3.622038	.5981644

#1	9.675346	.5173050	1.041554	9.211043	.0142911	2.460827
#2	9.894935	.5370905	1.036916	9.119757	.0147918	2.448313
#3	9.953835	.5284008	1.065882	9.217769	.0153635	2.477664

Sample Name: ICV Acquired: 4/27/2018 12:32:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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 2.392952	.0041811	2.261889	F 2.251888	2.426291	.0029307
Stddev	.023215	.0033334	.002227	.021465	.004020	.0013641
%RSD	.9701519	79.72623	.0984750	.9531872	.1656863	46.54344

#1	2.414163	.0066966	2.261327	2.274036	2.427690	.0017209
#2	2.368151	.0054465	2.264344	2.231179	2.421758	.0044091
#3	2.396542	.0004003	2.259997	2.250451	2.429425	.0026621

Elem	Sr4077
Units	ppm
Avg	.0122700
Stddev	.0001673
%RSD	1.363120

#1	.0122169
#2	.0121357
#3	.0124573

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.278	2671.100	37042.78	5053.942	3746.638
Stddev	13.112	22.752	146.09	23.433	31.421
%RSD	.8821834	.8518016	.3943742	.4636645	.8386375

#1	1501.215	2648.562	37202.43	5075.025	3712.340
#2	1476.668	2694.061	37010.13	5058.088	3774.033
#3	1480.953	2670.677	36915.78	5028.712	3753.541

Sample Name: ICB Acquired: 4/27/2018 12:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.0030344	.0002083	-.000079	.0015001	.0014554	.0106489	-.000649
Stddev	.0006753	.0007476	.000660	.0027832	.0035029	.0152123	.000511
%RSD	22.25353	358.8627	831.3947	185.5306	240.6881	142.8529	78.79916

#1	.0036895	.0008750	-.000101	-.001447	.0053694	-.006119	-.000239
#2	.0030732	-.000600	.000591	.004084	-.001385	.023564	-.000486
#3	.0023406	.000350	-.000728	.001863	.000382	.014502	-.001222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000031	-.013406	-.000090	.0000273	-.004028	-.006536
Stddev	.000058	.000020	.005936	.000704	.0001812	.003695	.007997
%RSD	178.0887	65.92387	44.27411	782.9914	664.8316	91.73094	122.3431

#1	-.000079	-.000008	-.011445	.000124	.0002279	-.007065	.002550
#2	.000032	-.000046	-.020074	.000482	-.000124	.000086	-.009657
#3	-.000050	-.000038	-.008699	-.000876	-.000022	-.005105	-.012502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001485	-.019644	.0000982	.0004499	-.219933	-.004957	-.006534
Stddev	.0001640	.044108	.0001759	.0002261	.231267	.004110	.004740
%RSD	110.4549	224.5327	179.0473	50.25657	105.1533	82.89785	72.55120

#1	-.000010	.019930	.0001608	.0002149	-.054449	-.004410	-.007472
#2	.000138	-.067197	-.000100	.0006659	-.484185	-.001149	-.010735
#3	.000318	-.011666	.000234	.0004689	-.121167	-.009313	-.001395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058225	-.000721	.0067487	-.000193	-.002745	-.002134	-.000781
Stddev	.063033	.000495	.0013554	.000070	.003242	.001137	.000271
%RSD	108.2583	68.62252	20.08342	36.35061	118.0930	53.29663	34.71998

#1	-.126482	-.001239	.0072809	-.000154	-.003407	-.000917	-.000723
#2	-.002213	-.000671	.0052080	-.000274	.000776	-.002315	-.001077
#3	-.045980	-.000253	.0077572	-.000151	-.005606	-.003169	-.000544

Sample Name: ICB Acquired: 4/27/2018 12:36:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.0003441	.0009795	-.000155
Stddev	.0008566	.0010677	.000110
%RSD	248.9707	109.0000	70.84790

#1	.0003120	.0011539	-.000250
#2	.0012163	-.000165	-.000180
#3	-.000496	.001949	-.000035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.137	2652.596	36937.56	5004.058	3802.795
Stddev	4.873	7.116	57.74	7.066	5.082
%RSD	.3294425	.2682711	.1563153	.1412062	.1336447

#1	1483.216	2660.444	36984.52	4996.400	3807.030
#2	1473.741	2650.781	36873.09	5010.325	3804.195
#3	1480.455	2646.563	36955.06	5005.450	3797.159

Sample Name: IC5A Acquired: 4/27/2018 12:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059253	-.000493	-.004459	-.000145	.0041802	237.9772	.0052493
Stddev	.0026129	.000960	.001418	.002990	.0006587	.6863	.0006201
%RSD	44.09655	194.9761	31.80358	2065.174	15.75774	.2883694	11.81260

#1	.0084746	-.001021	-.004946	-.001792	.0046508	237.2458	.0059631
#2	.0032532	.000616	-.002862	.003306	.0034274	238.0789	.0048438
#3	.0060482	-.001073	-.005570	-.001949	.0044623	238.6069	.0049411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011563	-.000458	245.9290	.0488327	.0001224	-.008931	101.8116
Stddev	.0001086	.000134	1.3421	.0009031	.0002298	.003014	.9502
%RSD	9.389042	29.27453	.5457385	1.849461	187.7456	33.74316	.9332762

#1	.0010725	-.000303	245.7635	.0479581	.0003065	-.012312	100.9077
#2	.0012790	-.000539	244.6773	.0487781	.0001959	-.006527	102.8021
#3	.0011175	-.000531	247.3462	.0497619	-.000135	-.007955	101.7252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117835	251.4939	.0029357	-.006652	.2729090	-.007282	-.015098
Stddev	.0012822	2.2776	.0006131	.000387	.2445507	.010506	.010535
%RSD	10.88107	.9056089	20.88335	5.812429	89.60886	144.2768	69.77839

#1	.0103075	249.1562	.0031539	-.006215	-.009324	-.018584	-.023359
#2	.0126215	253.7061	.0034097	-.006950	.406069	.002186	-.018702
#3	.0124216	251.6193	.0022433	-.006791	.421982	-.005448	-.003234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.227497	-.005475	-.009574	.0012048	.0234120	-.001881	-.006049
Stddev	.055145	.000410	.003256	.0003017	.0038866	.001047	.000409
%RSD	24.23969	7.486393	34.01511	25.04019	16.60105	55.63822	6.768180

#1	-.289526	-.005948	-.012969	.0012514	.0278019	-.002868	-.006316
#2	-.184024	-.005220	-.006476	.0014806	.0204093	-.000783	-.006254
#3	-.208942	-.005258	-.009276	.0008826	.0220249	-.001992	-.005578

Sample Name: ICSA Acquired: 4/27/2018 12:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000851	.0051289	.1011962
Stddev	.000334	.0003450	.0002476
%RSD	39.25612	6.726195	.2447153

#1	-.001236	.0052720	.1013721
#2	-.000652	.0053793	.1009130
#3	-.000663	.0047354	.1013035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.806	2457.339	33609.64	4860.954	3159.801
Stddev	16.645	59.585	355.94	34.690	76.191
%RSD	1.237695	2.424786	1.059056	.7136560	2.411268

#1	1350.281	2414.347	33661.46	4852.959	3101.330
#2	1358.025	2432.313	33936.84	4898.944	3132.107
#3	1326.114	2525.355	33230.63	4830.958	3245.966

Sample Name: ICSAB Acquired: 4/27/2018 12:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.0963567	.0980780	.0436558	.0517130	.5700605	250.0539
Stddev	.0021739	.0025175	.0028255	.0025156	.0005522	1.2549
%RSD	2.256138	2.566827	6.472165	4.864460	.0968631	.5018588

#1	.0938515	.0956989	.0405344	.0535149	.5701866	249.3533
#2	.0974709	.0978209	.0443944	.0488390	.5705387	249.3057
#3	.0977476	.1007141	.0460386	.0527851	.5694561	251.5027

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5014912	.4991206	.9686352	257.2089	.5315030	.4868597
Stddev	.0012302	.0041884	.0029416	.6264	.0003961	.0014917
%RSD	.2453007	.8391522	.3036838	.2435269	.0745278	.3063849

#1	.5014112	.4942911	.9692856	256.8499	.5319513	.4864080
#2	.5027595	.5017578	.9654229	257.9321	.5313574	.4856462
#3	.5003030	.5013129	.9711972	256.8445	.5312003	.4885251

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4892326	108.5329	.5129915	267.3822	.9838631	.1900436
Stddev	.0024045	1.1545	.0030560	3.1535	.0030600	.0003200
%RSD	.4914901	1.063772	.5957185	1.179395	.3110135	.1683924

#1	.4899612	108.0246	.5109539	265.6153	.9837368	.1902273
#2	.4865481	107.7197	.5165053	265.5083	.9808682	.1902294
#3	.4911886	109.8544	.5115153	271.0230	.9869842	.1896741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3154607	.5131420	1.048512	-.338825	.0076194	F .1621188
Stddev	.2313165	.0116950	.015699	.041242	.0009629	.0031622
%RSD	73.32657	2.279094	1.497219	12.17197	12.63684	1.950550

#1	.0780652	.5103332	1.065010	-.345398	.0072136	.1653256
#2	.5401767	.5031072	1.033759	-.376385	.0087188	.1590031
#3	.3281403	.5259856	1.046768	-.294691	.0069259	.1620276

Sample Name: ICSAB Acquired: 4/27/2018 12:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1598815	.1820390	.1565971	F .1556464	.1737933	.0053504
Stddev	.0022898	.0101230	.0018606	.0019065	.0043550	.0016088
%RSD	1.432174	5.560901	1.188170	1.224874	2.505848	30.06937
#1	.1624054	.1918704	.1586366	.1568533	.1786941	.0066352
#2	.1593015	.1825990	.1549923	.1566374	.1723189	.0058700
#3	.1579374	.1716477	.1561623	.1534485	.1703669	.0035460

Elem	Sr4077
Units	ppm
Avg	.1058123
Stddev	.0000580
%RSD	.0547956
#1	.1057637
#2	.1057967
#3	.1058765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.406	2433.786	34061.21	4863.639	3135.416
Stddev	8.623	1.047	167.43	16.408	6.357
%RSD	.6348197	.0430386	.4915697	.3373609	.2027518
#1	1355.213	2433.239	33969.12	4882.222	3134.795
#2	1351.835	2434.994	33960.03	4851.150	3142.060
#3	1368.170	2433.126	34254.48	4857.545	3129.392

Sample Name: CCV040 Acquired: 4/27/2018 12:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.828238	4.678745	23.86246	4.900185	4.870666	408.8733
Stddev	.023631	.027162	.05945	.011771	.005286	2.9277
%RSD	.4894311	.5805450	.2491376	.2402127	.1085284	.7160338

#1	4.803068	4.651756	23.79622	4.887848	4.874347	406.7625
#2	4.831696	4.706078	23.88000	4.911294	4.873041	407.6419
#3	4.849949	4.678402	23.91117	4.901412	4.864609	412.2156

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.665893	.4849759	2.387041	391.8678	14.15568	2.400069
Stddev	.073409	.0026390	.007479	3.0024	.11319	.007023
%RSD	.7594626	.5441556	.3133051	.7661802	.7996368	.2926053

#1	9.599232	.4819315	2.378552	388.7075	14.27197	2.391968
#2	9.653880	.4863845	2.392657	392.2135	14.04586	2.403810
#3	9.744568	.4866118	2.389914	394.6824	14.14921	2.404429

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66712	432.5222	13.98968	419.3587	2.400740	1.171106
Stddev	.12681	2.1762	.14422	2.6225	.006727	.008546
%RSD	.8645743	.5031368	1.030898	.6253612	.2802116	.7297478

#1	14.55786	431.1786	13.84500	417.7038	2.393635	1.180003
#2	14.63733	431.3550	13.99060	417.9898	2.401572	1.162960
#3	14.80617	435.0329	14.13344	422.3824	2.407011	1.170356

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	416.5728	2.494632	14.40519	148.3025	F 1.350609	4.786228
Stddev	2.7618	.031684	.07153	1.6039	.004965	.027139
%RSD	.6629844	1.270095	.4965720	1.081483	.3675860	.5670139

#1	414.5402	2.476450	14.48567	146.8218	1.345658	4.765893
#2	415.4609	2.476229	14.38107	148.0794	1.350583	4.775748
#3	419.7172	2.531218	14.34884	150.0062	1.355587	4.817044

Sample Name: CCV040 Acquired: 4/27/2018 12:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781170	5.022032	4.828853	4.807765	4.912436	4.894303
Stddev	.008513	.033094	.024343	.021236	.042252	.030914
%RSD	.1780536	.6589688	.5041071	.4417088	.8600948	.6316363

#1	4.776259	4.984136	4.810151	4.783869	4.891263	4.867577
#2	4.776250	5.036726	4.820032	4.824479	4.884957	4.887172
#3	4.791000	5.045235	4.856377	4.814947	4.961088	4.928159

Elem	Sr4077
Units	ppm
Avg	4.853570
Stddev	.043963
%RSD	.9057884

#1	4.813271
#2	4.846983
#3	4.900454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.962	2203.952	32256.97	4765.115	2783.964
Stddev	1.294	4.123	154.72	47.189	5.465
%RSD	.1057146	.1870759	.4796539	.9902969	.1962941

#1	1225.348	2204.954	32157.95	4818.375	2790.215
#2	1223.751	2207.482	32435.27	4748.452	2781.581
#3	1222.786	2199.421	32177.70	4728.519	2780.094

Sample Name: CCB040 Acquired: 4/27/2018 13:00:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005493	.0025933	.0000086	.0015863	-.000147	.0025613	-.001044
Stddev	.0020089	.0022844	.0009358	.0011669	.000473	.0029910	.000876
%RSD	365.7508	88.08614	10881.49	73.55750	321.0086	116.7769	83.86648

#1	.0025534	.0014265	-.000062	.0014908	-.000422	.0030025	-.000541
#2	.0005588	.0052255	.000978	.0004702	.000399	-.000626	-.000536
#3	-.001464	.0011280	-.000890	.0027980	-.000419	.005307	-.002055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000037	-.000025	-.024276	-.000105	-.000157	-.001946	-.017518
Stddev	.0000494	.000022	.015863	.000547	.000242	.001280	.008738
%RSD	1340.673	87.15672	65.34564	520.4719	154.8378	65.81414	49.87885

#1	.0000412	-.000046	-.040649	.000290	-.000137	-.003321	-.017807
#2	-.000052	-.000002	-.023200	-.000729	-.000408	-.000787	-.008639
#3	.000022	-.000029	-.008978	.000123	.000075	-.001728	-.026107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0030441	.0000873	.0005422	-.104136	-.000036	.0000814
Stddev	.000233	.0698108	.0001222	.0003061	.264419	.003584	.0058323
%RSD	770.8865	2293.321	140.0165	56.45717	253.9168	9919.775	7167.982

#1	-.000199	.0053824	.0001937	.0005924	-.339805	.002599	.0008784
#2	.000236	-.067906	.0001144	.0002141	-.154416	-.004118	.0054741
#3	-.000127	.071656	-.000046	.0008202	.181813	.001410	-.006108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152431	-.000691	.0057775	-.000303	-.000168	-.003583	-.000283
Stddev	.022814	.000269	.0003592	.000214	.000606	.000412	.000453
%RSD	14.96670	38.92379	6.216563	70.85265	361.5193	11.49613	160.2032

#1	-.178215	-.000424	.0054145	-.000058	-.000758	-.004057	-.000799
#2	-.134865	-.000687	.0057853	-.000460	.000453	-.003316	-.000098
#3	-.144212	-.000963	.0061327	-.000390	-.000198	-.003375	.000049

Sample Name: CCB040 Acquired: 4/27/2018 13:00:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000986	-.000134	-.000129
Stddev	.0009023	.001865	.000037
%RSD	914.6594	1388.432	28.55998

#1	.0005848	.000241	-.000106
#2	-.000942	.001514	-.000172
#3	.000654	-.002159	-.000111

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.345	2623.154	37161.67	5010.542	3791.015
Stddev	21.491	52.570	437.96	47.283	78.677
%RSD	1.439129	2.004066	1.178535	.9436659	2.075362

#1	1516.293	2682.033	37620.11	4984.325	3880.504
#2	1473.691	2580.926	36747.55	4982.175	3732.708
#3	1490.050	2606.503	37117.35	5065.125	3759.833

Sample Name: PB108538BL Acquired: 4/27/2018 13:04:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.0012669	.0017285	.0004701	.0004241	-.000975	.0114495	-.001078
Stddev	.0014834	.0008262	.0009982	.0028784	.002055	.0061977	.000371
%RSD	117.0915	47.79607	212.3450	678.7717	210.7688	54.13088	34.42389

#1	.0029783	.0024719	.0016057	-.002815	.001375	.0161473	-.000752
#2	.0004745	.0018745	.0000728	.002690	-.001864	.0137760	-.001481
#3	.0003479	.0008391	-.000268	.001397	-.002435	.0044252	-.001000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.000093	.0030927	.0005329	.0000826	-.004372	.0029827
Stddev	.000033	.000075	.0063693	.0003483	.0001005	.002164	.0138735
%RSD	74.58798	80.02742	205.9489	65.36568	121.7170	49.50195	465.1364

#1	-.000068	-.000165	.0088025	.0003821	.0001660	-.006252	.0062939
#2	-.000007	-.000098	.0042524	.0009312	-.000029	-.002006	-.012247
#3	-.000059	-.000016	-.003777	.0002854	.000111	-.004858	.014901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005250	-.012836	-.000068	.0003813	-.193507	-.005335	-.000704
Stddev	.0005169	.025640	.000302	.0002883	.170316	.004258	.007614
%RSD	98.46234	199.7549	443.4475	75.60655	88.01570	79.81269	1082.197

#1	.0011193	-.000625	-.000321	.0003643	.002512	-.004286	-.002834
#2	.0002763	.004417	.000266	.0001019	-.305306	-.001699	-.007025
#3	.0001794	-.042298	-.000150	.0006778	-.277727	-.010019	.007749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.920392	.0003647	.0019974	-.000159	-.003228	.0001185	.0008930
Stddev	.051673	.0002742	.0012343	.000215	.003388	.0006603	.0002465
%RSD	5.614260	75.20211	61.79675	135.2871	104.9537	557.4631	27.60733

#1	-.964839	.0001117	.0016023	-.000278	-.006521	.0000126	.0010875
#2	-.932643	.0003262	.0033808	.000089	.000247	.0008253	.0006157
#3	-.863694	.0006561	.0010089	-.000287	-.003409	-.000483	.0009759

Sample Name: PB108538BL Acquired: 4/27/2018 13:04:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	-.000236	-.003309	-.000094
Stddev	.000866	.000760	.000047
%RSD	367.7261	22.96042	50.39494

#1	-.001222	-.003196	-.000102
#2	.000401	-.002612	-.000043
#3	.000114	-.004119	-.000136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.718	2696.053	37941.03	5058.850	3890.132
Stddev	4.791	3.770	179.16	13.384	3.020
%RSD	.3159014	.1398453	.4722009	.2645599	.0776266

#1	1513.652	2696.783	38118.82	5046.625	3887.077
#2	1522.239	2691.970	37943.73	5073.150	3893.115
#3	1514.262	2699.404	37760.54	5056.775	3890.205

Sample Name: PB108538BS Acquired: 4/27/2018 13:08:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.0197446	.0516786	.0195948	.0679126	.1141071	.3902745
Stddev	.0007662	.0012148	.0010365	.0037309	.0034886	.0079966
%RSD	3.880701	2.350763	5.289725	5.493703	3.057290	2.048980

#1	.0191871	.0518119	.0206830	.0636163	.1110619	.3970644
#2	.0194284	.0504026	.0194822	.0703370	.1133460	.3922990
#3	.0206183	.0528213	.0186192	.0697844	.1179134	.3814602

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3845304	.0097732	.0093522	9.980331	.0204977	.0931523
Stddev	.0022330	.0000848	.0000416	.046739	.0004862	.0003020
%RSD	.5807134	.8679719	.4450209	.4683088	2.371918	.3241857

#1	.3827929	.0097051	.0093532	9.945453	.0200111	.0933586
#2	.3837492	.0098682	.0093101	9.962103	.0204986	.0932926
#3	.3870490	.0097464	.0093933	10.03344	.0209835	.0928057

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502409	.2399251	.0316236	9.798806	.0773271	.0193838
Stddev	.0045421	.0321693	.0012971	.088428	.0005739	.0003276
%RSD	9.040695	13.40804	4.101649	.9024338	.7421814	1.689888

#1	.0458879	.2332874	.0318387	9.889240	.0778853	.0193320
#2	.0498837	.2748955	.0302323	9.794645	.0773572	.0197342
#3	.0549511	.2115925	.0327996	9.712532	.0767387	.0190852

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.426494	.1038232	.1038406	8.363685	F .0073441	F .0206504
Stddev	.230712	.0030011	.0061052	.029308	.0006527	.0006005
%RSD	2.447484	2.890613	5.879389	.3504189	8.887845	2.908102

#1	9.200072	.1006802	.1108734	8.333653	.0066442	.0199930
#2	9.661269	.1041305	.1007465	8.392211	.0074521	.0207879
#3	9.418143	.1066588	.0999020	8.365190	.0079362	.0211702

Sample Name: PB108538BS Acquired: 4/27/2018 13:08:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) 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	.0204395	.1611321	.1843169	F .0135147	.2004348	.0882674
Stddev	.0002338	.0060920	.0012895	.0010577	.0012889	.0007457
%RSD	1.144031	3.780758	.6996260	7.826226	.6430532	.8448318

#1	.0201695	.1552897	.1851216	.0123015	.1989634	.0885134
#2	.0205755	.1674463	.1849995	.0142429	.2009767	.0874298
#3	.0205735	.1606603	.1828295	.0139996	.2013644	.0888591

Elem	Sr4077
Units	ppm
Avg	.1971135
Stddev	.0005605
%RSD	.2843395

#1	.1966614
#2	.1977406
#3	.1969385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.863	2634.888	36788.02	5046.117	3760.095
Stddev	16.317	5.566	474.04	38.761	8.349
%RSD	1.110107	.2112364	1.288562	.7681381	.2220484

#1	1482.200	2635.903	37028.36	5043.875	3750.548
#2	1451.362	2639.876	36241.95	5008.525	3763.711
#3	1476.026	2628.884	37093.74	5085.950	3766.027

Sample Name: J2421-01 Acquired: 4/27/2018 13:12:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588557	.0016994	.2325296	.0111218	.0046577	94.07061	1.932310
Stddev	.0051102	.0007949	.0027041	.0017619	.0023914	.92459	.003150
%RSD	8.682604	46.77565	1.162896	15.84194	51.34383	.9828643	.1630079

#1	.0539147	.0012138	.2296801	.0109990	.0026481	93.05290	1.931401
#2	.0585326	.0026168	.2328489	.0094245	.0040223	94.85886	1.935814
#3	.0641198	.0012677	.2350599	.0129419	.0073026	94.30006	1.929715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090822	.0142627	46.00868	.1150121	.1077827	.1798867	167.6561
Stddev	.0000585	.0001779	.06843	.0004889	.0000663	.0032347	3.1417
%RSD	.6437891	1.247484	.1487257	.4250702	.0615230	1.798201	1.873873

#1	.0091302	.0143223	46.05840	.1155303	.1078244	.1769502	164.0353
#2	.0090993	.0140627	46.03700	.1145591	.1078175	.1793559	169.6597
#3	.0090171	.0144032	45.93064	.1149468	.1077063	.1833540	169.2733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.917432	34.78087	.2972745	-.008212	.9792321	.2383085	2.396340
Stddev	.033312	.63908	.0001282	.000037	.1734456	.0049829	.049921
%RSD	.4207440	1.837454	.0431339	.4458122	17.71241	2.090945	2.083221

#1	7.950049	34.04344	.2972666	-.008251	.9420475	.2332804	2.365242
#2	7.918781	35.12546	.2971504	-.008208	.8273944	.2432449	2.369856
#3	7.883466	35.17370	.2974065	-.008178	1.168254	.2384002	2.453922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.27533	1.111477	.0260503	.0008003	1.795095	6.946826	.0024620
Stddev	.15280	.001807	.0065463	.0002264	.003096	.073565	.0015003
%RSD	.7927106	.1625577	25.12951	28.28569	.1724950	1.058966	60.93504

#1	19.12914	1.110626	.0193180	.0007077	1.791521	6.906628	.0040428
#2	19.43397	1.113552	.0264396	.0006348	1.796813	7.031731	.0010579
#3	19.26287	1.110253	.0323933	.0010582	1.796952	6.902119	.0022855

Sample Name: J2421-01 Acquired: 4/27/2018 13:12:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4946694	.0866187	.3617877
Stddev	.0070124	.0012640	.0010278
%RSD	1.417597	1.459211	.2840825

#1	.4867031	.0853876	.3608549
#2	.4973960	.0879131	.3628895
#3	.4999089	.0865554	.3616187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.542	3005.488	42084.98	5871.215	3519.477
Stddev	8.075	1.422	177.37	60.474	1.834
%RSD	.4776823	.0472996	.4214490	1.030015	.0521117

#1	1699.051	3004.354	42226.66	5908.655	3519.824
#2	1689.591	3005.029	42142.22	5801.447	3521.113
#3	1682.984	3007.083	41886.06	5903.542	3517.494

Sample Name: J2421-02 Acquired: 4/27/2018 13:16:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544724	.0050801	.2353519	.0101794	.0018645	94.83148	1.951728
Stddev	.0040621	.0025837	.0021585	.0020593	.0008777	.31505	.007165
%RSD	7.457112	50.85972	.9171552	20.23029	47.07264	.3322248	.3671040

#1	.0583935	.0079093	.2330864	.0085817	.0024828	95.19517	1.957303
#2	.0502827	.0028455	.2355847	.0094531	.0008599	94.65730	1.943647
#3	.0547410	.0044856	.2373846	.0125035	.0022507	94.64197	1.954234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092589	.0142582	46.39871	.1161915	.1095385	.1841302	169.1533
Stddev	.0001942	.0002209	.04725	.0006764	.0003513	.0025176	.2463
%RSD	2.097057	1.549165	.1018395	.5821607	.3206905	1.367276	.1456112

#1	.0094796	.0140046	46.36731	.1162327	.1092459	.1813384	169.3618
#2	.0091827	.0144089	46.37577	.1154954	.1099281	.1862278	169.2166
#3	.0091144	.0143610	46.45305	.1168463	.1094413	.1848246	168.8815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.010096	35.06306	.3006277	-.007765	.9531544	.2392918	2.381811
Stddev	.015503	.21795	.0009852	.000215	.0995450	.0027742	.037422
%RSD	.1935463	.6215866	.3277193	2.774257	10.44375	1.159348	1.571169

#1	8.011523	34.95375	.2998522	-.007929	1.056384	.2363929	2.360515
#2	7.993928	35.31403	.3002945	-.007846	.945322	.2419218	2.425021
#3	8.024836	34.92140	.3017363	-.007521	.857757	.2395607	2.359897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.49868	1.125987	.0229364	.0010061	1.817116	7.107750	.0049179
Stddev	.07306	.005142	.0055801	.0002488	.011461	.065964	.0009292
%RSD	.3746976	.4566814	24.32879	24.72297	.6307014	.9280510	18.89399

#1	19.53925	1.120330	.0180914	.0010822	1.804123	7.164211	.0059830
#2	19.41434	1.130378	.0290376	.0007282	1.821439	7.035244	.0044972
#3	19.54246	1.127255	.0216801	.0012080	1.825787	7.123795	.0042735

Sample Name: J2421-02 Acquired: 4/27/2018 13:16:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DG5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4983246	.0870746	.3665127
Stddev	.0038951	.0000889	.0021735
%RSD	.7816313	.1021102	.5930320

#1	.4968236	.0871150	.3681400
#2	.4954033	.0871361	.3640443
#3	.5027468	.0869726	.3673539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.754	2993.808	41848.48	5825.438	3492.381
Stddev	5.871	6.464	168.09	39.754	3.756
%RSD	.3484909	.2158958	.4016625	.6824147	.1075605

#1	1680.194	2987.516	41884.17	5785.936	3492.843
#2	1682.690	3000.430	41665.41	5865.438	3495.885
#3	1691.379	2993.479	41995.86	5824.940	3488.415

Sample Name: J2421-03 Acquired: 4/27/2018 13:20:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1303070	.1118308	.2740407	.0284626	.1986027	96.67117	6.057094
Stddev	.0045384	.0026361	.0022989	.0004778	.0011268	.53952	.015037
%RSD	3.482856	2.357264	.8388881	1.678545	.5673546	.5581017	.2482513

#1	.1253838	.1146567	.2757613	.0279113	.1998250	97.29074	6.071495
#2	.1343238	.1094380	.2714298	.0287559	.1976054	96.30496	6.041493
#3	.1312133	.1113979	.2749310	.0287205	.1983776	96.41781	6.058293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130185	.1272741	45.50712	.5183787	1.270859	.6978987	167.7869
Stddev	.0002005	.0001978	.15926	.0017833	.002618	.0067829	1.5754
%RSD	.1774430	.1554330	.3499688	.3440104	.2060337	.9718975	.9389237

#1	.1129181	.1273910	45.49639	.5164683	1.271939	.7048045	169.5510
#2	.1128880	.1273857	45.35349	.5186682	1.267873	.6976458	166.5204
#3	.1132494	.1270457	45.67147	.5199994	1.272765	.6912459	167.2894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.904312	34.29771	1.473318	.0901920	1.007499	1.321029	3.550093
Stddev	.010252	.20487	.001263	.0005521	.224355	.011932	.017805
%RSD	.1151398	.5973188	.0857394	.6121591	22.26845	.9032392	.5015290

#1	8.893376	34.50462	1.474774	.0905422	1.238577	1.333650	3.560353
#2	8.913706	34.09495	1.472517	.0904782	.790534	1.319504	3.560393
#3	8.905855	34.29355	1.472662	.0895555	.993386	1.309933	3.529534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.09861	1.097612	.0229614	.0012823	1.755131	6.885987	.0041091
Stddev	.06923	.003891	.0041707	.0003902	.007812	.021531	.0015463
%RSD	.3624628	.3544609	18.16394	30.42643	.4451029	.3126829	37.63099

#1	19.10226	1.093123	.0274770	.0009973	1.746653	6.908983	.0023547
#2	19.02763	1.100012	.0192538	.0017269	1.762039	6.866304	.0052738
#3	19.16594	1.099701	.0221535	.0011225	1.756702	6.882674	.0046988

Sample Name: J2421-03 Acquired: 4/27/2018 13:20:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4877616	.0856302	.3591747
Stddev	.0047699	.0007672	.0009411
%RSD	.9779101	.8959798	.2620174

#1	.4925704	.0859364	.3600094
#2	.4830316	.0847572	.3581548
#3	.4876826	.0861970	.3593600

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.426	2953.772	41526.67	5794.829	3473.642
Stddev	4.892	7.132	100.57	24.581	5.187
%RSD	.2942684	.2414528	.2421877	.4241879	.1493254

#1	1663.912	2961.660	41642.58	5775.085	3478.942
#2	1666.402	2951.875	41462.52	5822.360	3473.410
#3	1656.963	2947.780	41474.91	5787.043	3468.575

Sample Name: J2421-01LX5 Acquired: 4/27/2018 13:28:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169157	.0027916	.0479732	.0054511	.0020239	20.93650	.4359766
Stddev	.0004006	.0020989	.0021712	.0016934	.0005262	.36947	.0076576
%RSD	2.368137	75.18484	4.525753	31.06500	26.00202	1.764697	1.756420

#1	.0165634	.0008568	.0504769	.0041267	.0024458	21.23071	.4406261
#2	.0168324	.0024950	.0468335	.0048676	.0014342	20.52184	.4271384
#3	.0173514	.0050230	.0466093	.0073592	.0021916	21.05693	.4401654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020394	.0026522	10.46306	.0262716	.0216623	.0399975	37.92099
Stddev	.0000947	.0000342	.19023	.0001939	.0001721	.0002040	.55094
%RSD	4.641603	1.288899	1.818087	.7379412	.7942556	.5099871	1.452871

#1	.0019742	.0026743	10.58226	.0260481	.0217786	.0397790	38.26133
#2	.0019961	.0026695	10.24368	.0263951	.0217437	.0401829	37.28535
#3	.0021480	.0026128	10.56325	.0263715	.0214646	.0400307	38.21630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.821309	7.822678	.0596579	-.001700	.1609470	.0543998	.4876430
Stddev	.042122	.100127	.0003820	.000377	.1486471	.0025261	.0116214
%RSD	2.312736	1.279961	.6403844	22.16380	92.35778	4.643585	2.383184

#1	1.841904	7.926351	.0599332	-.001517	.0639358	.0541596	.4945622
#2	1.772852	7.726521	.0592217	-.002133	.3320804	.0520023	.4742259
#3	1.849170	7.815161	.0598188	-.001449	.0868248	.0570374	.4941409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.071068	.2246403	.0032224	-.000016	.3634484	1.614027	-.000141
Stddev	.065145	.0003459	.0004212	.000165	.0031885	.016911	.001242
%RSD	1.600194	.1539664	13.07132	1019.437	.8772926	1.047722	883.8270

#1	4.074128	.2249794	.0030966	-.000207	.3667174	1.630052	-.001571
#2	4.004447	.2242880	.0028784	.000071	.3632810	1.596352	.000482
#3	4.134630	.2246536	.0036922	.000087	.3603469	1.615678	.000667

Sample Name: J2421-01LX5 Acquired: 4/27/2018 13:28:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DG5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1093754	.0187217	.0817689
Stddev	.0023438	.0010300	.0014708
%RSD	2.142886	5.501612	1.798782

#1	.1104156	.0196202	.0826500
#2	.1066916	.0175976	.0800709
#3	.1110191	.0189474	.0825858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.824	2710.720	37939.42	5229.242	3692.382
Stddev	6.156	12.442	120.16	55.226	15.335
%RSD	.4058705	.4589969	.3167033	1.056093	.4153130

#1	1509.751	2704.313	37803.52	5174.725	3684.079
#2	1520.978	2725.059	38031.60	5285.150	3710.078
#3	1519.742	2702.786	37983.13	5227.850	3682.988

Sample Name: J2421-04 Acquired: 4/27/2018 13:32:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523779	.0015306	.2436373	.0081505	.0055082	85.13275	2.022943
Stddev	.0022389	.0006120	.0032855	.0036847	.0010918	.37659	.005741
%RSD	4.274588	39.98331	1.348541	45.20861	19.82120	.4423568	.2837795

#1	.0537713	.0008569	.2400902	.0050863	.0063786	85.16734	2.023404
#2	.0497952	.0016830	.2442455	.0122390	.0058628	84.74006	2.016986
#3	.0535670	.0020521	.2465763	.0071262	.0042832	85.49085	2.028439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088244	.0162134	46.75951	.1105340	.0962872	.1900946	155.4585
Stddev	.0000967	.0000870	.06340	.0005467	.0004491	.0026539	1.0966
%RSD	1.095653	.5365160	.1355976	.4946133	.4664735	1.396085	.7054173

#1	.0087945	.0162127	46.77438	.1103163	.0960176	.1931403	156.2782
#2	.0087462	.0163008	46.68999	.1111561	.0968057	.1888639	154.2128
#3	.0089325	.0161268	46.81415	.1101297	.0960382	.1882794	155.8846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.360212	32.86320	.2817528	-.007400	.9962758	.2239293	2.126948
Stddev	.031493	.30377	.0009322	.000189	.1915284	.0053383	.018066
%RSD	.4278857	.9243393	.3308417	2.559958	19.22443	2.383935	.8494003

#1	7.326693	33.07981	.2822236	-.007613	1.185972	.2177664	2.142003
#2	7.364760	32.51597	.2806792	-.007251	.802967	.2271177	2.106915
#3	7.389185	32.99382	.2823557	-.007336	.999889	.2269038	2.131926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.51624	1.201350	.0179391	.0012812	1.843336	7.510322	.0042344
Stddev	.11206	.003898	.0047944	.0003476	.012082	.054138	.0008999
%RSD	.6052165	.3244688	26.72617	27.12691	.6554653	.7208472	21.25269

#1	18.46866	1.200825	.0234657	.0010171	1.850013	7.460198	.0052185
#2	18.43581	1.197741	.0148935	.0016750	1.829388	7.503032	.0034534
#3	18.64424	1.205484	.0154582	.0011516	1.850606	7.567736	.0040313

Sample Name: J2421-04 Acquired: 4/27/2018 13:32:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5030562	.0784612	.3563639
Stddev	.0028369	.0001827	.0011961
%RSD	.5639339	.2328732	.3356465

#1	.5059270	.0785165	.3565610
#2	.5002545	.0782572	.3550815
#3	.5029871	.0786098	.3574493

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.357	3003.756	41761.89	5794.742	3501.898
Stddev	5.989	4.084	55.17	23.094	2.880
%RSD	.3577193	.1359602	.1321178	.3985287	.0822546

#1	1667.480	3004.280	41714.38	5808.527	3499.585
#2	1677.160	3007.553	41822.41	5807.619	3505.125
#3	1678.431	2999.435	41748.90	5768.081	3500.985

Sample Name: J2421-05 Acquired: 4/27/2018 13:36:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654344	.0046392	.7483825	.0066449	.0049894	79.75061	1.752721
Stddev	.0032306	.0031534	.0046117	.0034343	.0014643	.45190	.001867
%RSD	4.937117	67.97158	.6162224	51.68352	29.34812	.5666443	.1064921

#1	.0627627	.0010936	.7451397	.0031458	.0060400	79.27624	1.753549
#2	.0690248	.0056943	.7463459	.0100106	.0056115	79.79953	1.750584
#3	.0645156	.0071298	.7536619	.0067782	.0033168	80.17606	1.754031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080969	.0780716	79.74268	.1182051	.0837825	.4386356	160.3131
Stddev	.0001488	.0002182	.24321	.0005151	.0001312	.0058531	2.0781
%RSD	1.838245	.2795513	.3049935	.4357392	.1566488	1.334389	1.296295

#1	.0082195	.0780217	80.01924	.1187938	.0839297	.4338971	158.0511
#2	.0079313	.0778826	79.56212	.1178371	.0836776	.4451784	160.7505
#3	.0081400	.0783105	79.64668	.1179846	.0837403	.4368313	162.1378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.514122	32.57528	.1874075	-.006473	1.005650	.1989478	5.623805
Stddev	.029915	.43726	.0001053	.000269	.050811	.0039237	.080552
%RSD	.5425200	1.342319	.0561741	4.154314	5.052572	1.972217	1.432339

#1	5.546905	32.11107	.1874845	-.006784	.949011	.1956086	5.535380
#2	5.488303	32.63538	.1872876	-.006311	1.047228	.1979655	5.693004
#3	5.507158	32.97939	.1874506	-.006326	1.020710	.2032693	5.643031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87463	1.663642	.0235851	.0041759	3.390815	2.820041	.0131106
Stddev	.14109	.008808	.0066130	.0000424	.026397	.023152	.0014035
%RSD	.9485393	.5294185	28.03906	1.015278	.7784812	.8209962	10.70552

#1	14.99407	1.655252	.0160912	.0042179	3.371815	2.839004	.0118756
#2	14.71896	1.662858	.0260619	.0041331	3.379675	2.794239	.0146369
#3	14.91086	1.672815	.0286022	.0041767	3.420956	2.826879	.0128192

Sample Name: J2421-05 Acquired: 4/27/2018 13:36:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DG7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3752725	.0751065	.2416148
Stddev	.0051878	.0014130	.0006421
%RSD	1.382415	1.881380	.2657445

#1	.3693072	.0737940	.2408734
#2	.3777804	.0749233	.2419859
#3	.3787297	.0766022	.2419850

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.345	2892.806	40290.92	5558.535	3475.332
Stddev	2.538	8.301	101.76	10.720	5.734
%RSD	.1579895	.2869383	.2525675	.1928492	.1649981

#1	1609.215	2885.081	40396.72	5546.166	3469.335
#2	1604.396	2891.755	40282.29	5565.121	3475.899
#3	1605.424	2901.582	40193.75	5564.318	3480.761

Sample Name: J2421-06 Acquired: 4/27/2018 13:40:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800145	.0080573	.9199000	.0100516	.0072422	90.21530	2.065844
Stddev	.0014332	.0040887	.0007350	.0027547	.0016562	.48463	.003245
%RSD	1.791219	50.74493	.0799004	27.40564	22.86828	.5371981	.1570959

#1	.0790807	.0046114	.9194665	.0130406	.0062628	90.63351	2.062454
#2	.0792980	.0069854	.9207486	.0094994	.0091544	90.32821	2.066154
#3	.0816647	.0125752	.9194847	.0076148	.0063094	89.68417	2.068923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092038	.1543938	48.28583	.1174780	.1271334	.3275054	172.5320
Stddev	.0001914	.0004075	.13671	.0008658	.0005296	.0048546	2.2004
%RSD	2.079170	.2639398	.2831305	.7369929	.4165843	1.482282	1.275382

#1	.0092669	.1539956	48.16114	.1180890	.1275935	.3323724	174.6034
#2	.0093557	.1543759	48.26432	.1164872	.1272523	.3226634	172.7706
#3	.0089889	.1548100	48.43202	.1178577	.1265544	.3274804	170.2220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14304	30.00231	.2383170	-.007626	1.522147	.2422708	7.804655
Stddev	.05735	.43623	.0005168	.000575	.162720	.0049991	.025503
%RSD	.5653798	1.453983	.2168487	7.543016	10.69018	2.063422	.3267661

#1	10.09364	30.43427	.2377381	-.007200	1.597374	.2479279	7.775361
#2	10.12954	30.01072	.2384812	-.007397	1.335424	.2384480	7.821905
#3	10.20593	29.56194	.2387317	-.008280	1.633643	.2404363	7.816700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.82565	1.608309	.0205583	.0042121	2.130391	5.548154	.0153928
Stddev	.08236	.002906	.0044676	.0001803	.012969	.023177	.0018558
%RSD	.4894755	.1806569	21.73156	4.281835	.6087417	.4177495	12.05649

#1	16.91069	1.605316	.0243462	.0042168	2.118130	5.568174	.0135520
#2	16.81997	1.608493	.0216972	.0043900	2.129077	5.553525	.0172633
#3	16.74627	1.611118	.0156314	.0040294	2.143966	5.522762	.0153633

Sample Name: J2421-06 Acquired: 4/27/2018 13:40:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4481840	.0817037	.2718693
Stddev	.0031521	.0019605	.0001576
%RSD	.7033078	2.399554	.0579711

#1	.4494963	.0803006	.2717862
#2	.4504680	.0808667	.2720511
#3	.4445878	.0839438	.2717706

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.703	2985.598	41448.04	5749.881	3478.613
Stddev	4.184	1.041	84.89	21.872	5.557
%RSD	.2520779	.0348778	.2048120	.3803969	.1597568

#1	1663.123	2984.428	41472.47	5731.507	3485.022
#2	1660.949	2986.423	41353.62	5744.062	3475.121
#3	1655.038	2985.942	41518.04	5774.075	3475.697

Sample Name: J2421-07 Acquired: 4/27/2018 13:44:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599758	-.002062	.3110172	.0123489	.0035892	117.4333	1.963234
Stddev	.0025435	.002531	.0023757	.0023316	.0026447	.3843	.005906
%RSD	4.240943	122.7675	.7638361	18.88096	73.68333	.3272399	.3008094

#1	.0627175	-.001332	.3132280	.0149091	.0056191	117.0261	1.957260
#2	.0595170	.000024	.3085054	.0103475	.0045500	117.7896	1.963375
#3	.0576928	-.004877	.3113181	.0117902	.0005985	117.4843	1.969068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102868	.0256511	46.22995	.1281730	.1034179	.2196099	205.1365
Stddev	.0001551	.0000621	.11877	.0003780	.0003994	.0037087	.6634
%RSD	1.507227	.2422244	.2569213	.2949163	.3862336	1.688775	.3233912

#1	.0101097	.0256448	46.12223	.1281412	.1038789	.2211425	204.5826
#2	.0103529	.0257161	46.21029	.1278118	.1031994	.2153805	205.8717
#3	.0103979	.0255923	46.35733	.1285659	.1031753	.2223066	204.9551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.347839	35.83209	.2094950	-.010310	2.351409	.2820875	3.282443
Stddev	.024137	.24723	.0005463	.000337	.110044	.0037434	.028884
%RSD	.4513351	.6899639	.2607559	3.270487	4.679906	1.327020	.8799567

#1	5.329798	35.55442	.2092532	-.010669	2.407555	.2786271	3.254740
#2	5.338462	36.02834	.2101204	-.010260	2.422054	.2860609	3.312379
#3	5.375257	35.91350	.2091113	-.010000	2.224617	.2815746	3.280209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.92566	.9621114	.0304616	.0021632	1.559886	16.05680	.0060470
Stddev	.06954	.0025492	.0018954	.0004219	.014083	.15928	.0003476
%RSD	.4366833	.2649644	6.222241	19.50163	.9028539	.9919853	5.747642

#1	15.89128	.9605091	.0307557	.0023259	1.545540	15.94398	.0059769
#2	16.00570	.9650510	.0321927	.0024796	1.573691	15.98742	.0057399
#3	15.88000	.9607740	.0284363	.0016843	1.560428	16.23901	.0064243

Sample Name: J2421-07 Acquired: 4/27/2018 13:44:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DG9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4750389	.0985952	.3143261
Stddev	.0024443	.0023503	.0010351
%RSD	.5145383	2.383790	.3293015

#1	.4727848	.0976918	.3131431
#2	.4776369	.1012631	.3150654
#3	.4746950	.0968306	.3147697

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.528	2928.400	40991.22	5675.794	3448.568
Stddev	13.363	4.267	201.82	20.751	4.352
%RSD	.8125623	.1457176	.4923492	.3655980	.1262053

#1	1640.333	2933.306	41072.09	5678.829	3446.221
#2	1633.765	2925.552	40761.50	5653.693	3445.894
#3	1659.485	2926.342	41140.06	5694.860	3453.590

Sample Name: J2421-08 Acquired: 4/27/2018 13:48:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486961	-.002360	.1648959	.0092959	.0043346	121.9042	1.669345
Stddev	.0060369	.004514	.0034572	.0033394	.0018637	.6797	.007801
%RSD	12.39706	191.2965	2.096604	35.92329	42.99728	.5575953	.4673087

#1	.0417546	.000760	.1630953	.0105255	.0051320	122.6383	1.669886
#2	.0516139	-.000303	.1688817	.0055160	.0056669	121.7777	1.676861
#3	.0527198	-.007536	.1627105	.0118461	.0022048	121.2966	1.661287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108957	.0050780	48.59047	.1219033	.0833894	.2087755	199.1744
Stddev	.0002087	.0002899	.32372	.0007184	.0013021	.0008437	2.7000
%RSD	1.915295	5.709565	.6662147	.5893245	1.561478	.4041313	1.355594

#1	.0106638	.0047602	48.22046	.1223797	.0820078	.2084758	202.2640
#2	.0110683	.0051457	48.82140	.1222532	.0845938	.2097282	197.2680
#3	.0109551	.0053281	48.72956	.1210770	.0835665	.2081226	197.9913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.646975	38.03731	.2111822	-.008995	1.968114	.2144601	1.402491
Stddev	.024087	.45052	.0024475	.000270	.276603	.0024537	.027260
%RSD	.6604755	1.184416	1.158940	3.003617	14.05422	1.144112	1.943717

#1	3.619161	38.54569	.2087091	-.008964	1.687098	.2170177	1.433207
#2	3.660867	37.68756	.2136032	-.008742	1.977162	.2142369	1.381172
#3	3.660896	37.87868	.2112343	-.009280	2.240082	.2121256	1.393095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.30283	.6813283	.0156448	.0001113	1.222517	8.340320	.0046036
Stddev	.11846	.0098762	.0136239	.0002189	.020351	.091820	.0018278
%RSD	.8905130	1.449551	87.08285	196.6998	1.664719	1.100914	39.70339

#1	13.21145	.6721048	.0285675	-.000118	1.201573	8.241411	.0025707
#2	13.43668	.6917482	.0014141	.000318	1.242219	8.422844	.0061112
#3	13.26038	.6801320	.0169527	.000133	1.223759	8.356707	.0051288

Sample Name: J2421-08 Acquired: 4/27/2018 13:48:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DH0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2556701	.1089234	.3497832
Stddev	.0034886	.0010918	.0001955
%RSD	1.364477	1.002372	.0558852

#1	.2589779	.1099050	.3498375
#2	.2520252	.1077474	.3499459
#3	.2560073	.1091177	.3495664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.843	2963.473	41832.77	5737.964	3436.014
Stddev	10.013	27.967	286.53	37.373	40.161
%RSD	.5925515	.9437379	.6849323	.6513285	1.168835

#1	1680.086	2985.918	41502.58	5780.005	3467.073
#2	1700.094	2932.142	42015.96	5708.508	3390.661
#3	1689.351	2972.360	41979.78	5725.380	3450.309

Sample Name: J2421-09 Acquired: 4/27/2018 13:52:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404758	-.000590	4.986689	.0080121	.0069852	71.37076	2.247108
Stddev	.0027214	.002004	.014448	.0028687	.0023830	.39280	.004917
%RSD	1.937260	339.5124	.2897403	35.80499	34.11590	.5503641	.2188059

#1	.1398827	.000458	4.977965	.0047409	.0089350	70.93170	2.252739
#2	.1434448	.000672	4.978736	.0100994	.0076917	71.49178	2.243665
#3	.1380998	-.002901	5.003367	.0091961	.0043287	71.68882	2.244919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085897	.1358556	162.8492	.1155988	.0750138	.4510340	171.1177
Stddev	.0000799	.0005904	.7819	.0004131	.0002194	.0025722	2.0064
%RSD	.9301740	.4345702	.4801336	.3573581	.2924898	.5702801	1.172501

#1	.0085117	.1353086	163.7288	.1160611	.0747915	.4481460	168.8385
#2	.0086713	.1357769	162.2330	.1154692	.0750197	.4530786	171.8974
#3	.0085862	.1364814	162.5858	.1152659	.0752302	.4518773	172.6171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.537070	39.09902	.1802461	-.004594	1.211352	.1875858	14.69526
Stddev	.012963	.48499	.0002651	.000072	.283422	.0079047	.14643
%RSD	.2857104	1.240409	.1470818	1.563510	23.39714	4.213933	.9964292

#1	4.552033	38.54828	.1801066	-.004666	1.206940	.1786105	14.79507
#2	4.529261	39.28649	.1800799	-.004595	1.496954	.1935115	14.52716
#3	4.529915	39.46229	.1805518	-.004522	.930162	.1906353	14.76355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.85923	2.762467	.0760204	.0171752	7.657375	4.522723	.0715305
Stddev	.04215	.019829	.0016096	.0002860	.055424	.056275	.0019006
%RSD	.2500183	.7178011	2.117380	1.665122	.7237940	1.244264	2.656995

#1	16.81062	2.744171	.0754047	.0173278	7.596072	4.460274	.0705212
#2	16.88144	2.759692	.0748095	.0173526	7.672113	4.569501	.0737228
#3	16.88563	2.783537	.0778470	.0168453	7.703940	4.538394	.0703475

Sample Name: J2421-09 Acquired: 4/27/2018 13:52:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8037243	.0651569	.4137559
Stddev	.0041822	.0005517	.0008370
%RSD	.5203569	.8467170	.2022910

#1	.7991218	.0656484	.4127963
#2	.8047592	.0652619	.4141360
#3	.8072920	.0645602	.4143354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.232	2788.063	39357.66	5503.807	3377.328
Stddev	3.678	10.962	148.90	35.690	7.185
%RSD	.2336347	.3931636	.3783191	.6484592	.2127545

#1	1570.443	2791.899	39355.51	5544.957	3378.038
#2	1577.788	2796.590	39507.61	5481.287	3384.132
#3	1574.463	2775.698	39209.84	5485.177	3369.814

Sample Name: J2421-10 Acquired: 4/27/2018 13:56:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1162294	.0010174	4.479448	.0085993	.0063995	62.06057	1.957418
Stddev	.0022820	.0024624	.010295	.0025819	.0006154	.08089	.002451
%RSD	1.963346	242.0208	.2298221	30.02463	9.616697	.1303405	.1252237

#1	.1158806	.0038309	4.475808	.0084738	.0060751	62.14558	1.955455
#2	.1186656	-.000033	4.471468	.0112416	.0071093	61.98455	1.956634
#3	.1141418	-.000745	4.491068	.0060824	.0060142	62.05159	1.960166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077783	.0931577	140.8610	.1009403	.0752797	.4549972	169.1361
Stddev	.0001377	.0007004	.4141	.0006287	.0000439	.0061772	.6376
%RSD	1.770490	.7518735	.2939894	.6228563	.0582779	1.357644	.3769828

#1	.0078358	.0930630	140.4064	.1015911	.0752293	.4496120	169.7900
#2	.0078780	.0925094	140.9597	.1003363	.0753003	.4617405	169.1021
#3	.0076212	.0939007	141.2168	.1008933	.0753094	.4536391	168.5161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.349505	33.02868	.1719942	-.004729	1.565973	.1893580	14.59725
Stddev	.030608	.04383	.0013808	.000039	.282632	.0042925	.03323
%RSD	.7037224	.1327005	.8028016	.8246015	18.04832	2.266849	.2276398

#1	4.318757	33.07856	.1718475	-.004727	1.366606	.1912960	14.60402
#2	4.349784	33.01115	.1706926	-.004691	1.441892	.1844382	14.56116
#3	4.379972	32.99633	.1734424	-.004769	1.889420	.1923397	14.62657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74184	2.162134	.0938218	.0170466	8.652941	3.082479	.0484781
Stddev	.06952	.009677	.0020087	.0001273	.060230	.012326	.0009124
%RSD	.4715766	.4475674	2.141002	.7466390	.6960586	.3998717	1.882110

#1	14.67643	2.162566	.0959981	.0169178	8.642447	3.070880	.0475024
#2	14.81484	2.152248	.0920387	.0170498	8.598649	3.095422	.0486216
#3	14.73424	2.171587	.0934287	.0171723	8.717728	3.081134	.0493102

Sample Name: J2421-10 Acquired: 4/27/2018 13:56:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DH2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6351089	.0597228	.3477249
Stddev	.0047541	.0010461	.0007790
%RSD	.7485403	1.751566	.2240166

#1	.6344218	.0608693	.3468371
#2	.6307358	.0588203	.3482943
#3	.6401691	.0594787	.3480431

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.053	2776.963	39283.83	5466.381	3416.452
Stddev	5.374	2.245	165.25	13.168	11.672
%RSD	.3431759	.0808577	.4206667	.2408846	.3416348

#1	1568.590	2779.303	39112.75	5481.457	3419.898
#2	1569.688	2776.761	39442.56	5457.136	3426.013
#3	1559.879	2774.826	39296.18	5460.550	3403.446

Sample Name: J2421-11 Acquired: 4/27/2018 14:00:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1909236	.0025568	2.232041	.0110496	.0053771	72.18096	2.097382
Stddev	.0007209	.0024734	.006663	.0017239	.0009875	.35628	.003994
%RSD	.3776020	96.73584	.2985024	15.60150	18.36540	.4935907	.1904445

#1	.1915304	-.000005	2.237147	.0092808	.0058069	72.54668	2.101333
#2	.1911138	.004931	2.224504	.0111430	.0060769	72.16124	2.097468
#3	.1901267	.002745	2.234473	.0127248	.0042475	71.83494	2.093346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087160	.0348502	53.86231	.1218012	.0784229	.3765056	187.2335
Stddev	.0000249	.0000980	.04587	.0006357	.0002200	.0045034	1.5270
%RSD	.2853525	.2813446	.0851581	.5218979	.2804653	1.196115	.8155530

#1	.0086924	.0348772	53.90507	.1220387	.0786646	.3817008	188.9288
#2	.0087420	.0349319	53.86799	.1210810	.0783696	.3741050	186.8053
#3	.0087137	.0347415	53.81387	.1222840	.0782344	.3737111	185.9663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.461011	23.78738	.1907717	-.007669	.9011269	.2000464	10.47437
Stddev	.023534	.14730	.0008090	.000148	.1557027	.0040666	.10423
%RSD	.4309437	.6192515	.4240384	1.926923	17.27866	2.032805	.9950995

#1	5.447402	23.94636	.1902599	-.007825	1.077727	.2016300	10.55094
#2	5.447445	23.65553	.1903509	-.007531	.783629	.2030829	10.51651
#3	5.488186	23.76024	.1917043	-.007651	.842025	.1954263	10.35567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.27143	2.957895	.0589601	.0132080	6.189786	3.293149	.0852376
Stddev	.04366	.016922	.0028817	.0002190	.034282	.019711	.0011317
%RSD	.2153768	.5720927	4.887508	1.657982	.5538440	.5985345	1.327643

#1	20.32160	2.957741	.0621200	.0130562	6.205779	3.315754	.0851477
#2	20.25063	2.941050	.0582831	.0131089	6.150431	3.284146	.0864115
#3	20.24206	2.974893	.0564772	.0134591	6.213150	3.279548	.0841536

Sample Name: J2421-11 Acquired: 4/27/2018 14:00:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6265831	.0641106	.3051489
Stddev	.0037346	.0011759	.0004464
%RSD	.5960339	1.834208	.1462827

#1	.6288635	.0629290	.3053011
#2	.6286126	.0641220	.3046463
#3	.6222731	.0652808	.3054993

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1615.840	2884.000	40668.16	5610.390	3499.461
Stddev	10.163	2.012	104.54	29.305	5.389
%RSD	.6289302	.0697595	.2570661	.5223351	.1539923

#1	1608.075	2883.698	40575.15	5577.419	3496.231
#2	1612.105	2882.157	40648.02	5620.284	3505.682
#3	1627.342	2886.146	40781.31	5633.468	3496.470

Sample Name: J2421-12 Acquired: 4/27/2018 14:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921285	.0009692	4.681375	.0073457	.0073187	68.08563	2.959324
Stddev	.0055786	.0019115	.003550	.0014471	.0018884	.13477	.014647
%RSD	6.055225	197.2253	.0758234	19.70007	25.80193	.1979404	.4949417

#1	.0981695	.0031729	4.685166	.0067105	.0077584	67.97920	2.943662
#2	.0871715	-.000026	4.678129	.0063248	.0089483	68.23717	2.972684
#3	.0910443	-.000240	4.680831	.0090017	.0052492	68.04054	2.961627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097559	.0668436	166.8479	.1384047	.0740394	.6704184	178.9510
Stddev	.0001394	.0002720	1.0288	.0017536	.0004349	.0037110	.5144
%RSD	1.429133	.4069673	.6166174	1.266982	.5873158	.5535374	.2874359

#1	.0098282	.0665295	165.6637	.1403481	.0745387	.6719040	179.5423
#2	.0098443	.0670006	167.3579	.1379252	.0738354	.6661948	178.6066
#3	.0095952	.0670007	167.5222	.1369407	.0737441	.6731565	178.7041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.344370	31.97500	.2038745	-.007662	1.427655	.2161839	7.395222
Stddev	.041549	.08195	.0003179	.000296	.280144	.0054237	.081506
%RSD	.9563798	.2562849	.1559210	3.859205	19.62268	2.508816	1.102140

#1	4.296454	31.98000	.2035077	-.007871	1.648000	.2224164	7.479968
#2	4.366233	32.05433	.2040459	-.007790	1.112381	.2125354	7.317398
#3	4.370422	31.89067	.2040699	-.007323	1.522584	.2136000	7.388301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32170	2.850207	.1825381	.0235606	4.790165	8.564452	.0632713
Stddev	.13609	.010973	.0039492	.0000976	.014949	.060552	.0014930
%RSD	.8882195	.3849890	2.163520	.4142455	.3120740	.7070160	2.359646

#1	15.16457	2.839922	.1857485	.0234852	4.792540	8.541443	.0624964
#2	15.40217	2.848941	.1781281	.0235256	4.774171	8.633136	.0623252
#3	15.39836	2.861758	.1837376	.0236708	4.803785	8.518777	.0649924

Sample Name: J2421-12 Acquired: 4/27/2018 14:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9515029	.0626401	.4593133
Stddev	.0011547	.0013419	.0013697
%RSD	.1213587	2.142301	.2981944

#1	.9501704	.0627639	.4578174
#2	.9522106	.0612406	.4605057
#3	.9521278	.0639159	.4596169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.055	2782.926	39359.99	5536.702	3356.467
Stddev	13.847	17.022	194.66	16.133	26.246
%RSD	.8927775	.6116456	.4945742	.2913752	.7819650

#1	1538.825	2763.319	39178.20	5542.032	3326.325
#2	1566.091	2791.539	39565.37	5518.579	3374.273
#3	1548.250	2793.920	39336.39	5549.496	3368.803

Sample Name: J2421-13 Acquired: 4/27/2018 14:08:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0855750	-.002034	5.059371	.0063065	.0048258	67.46099	2.752540
Stddev	.0005272	.001203	.006489	.0031683	.0012077	.12313	.007946
%RSD	.6160200	59.15227	.1282497	50.23861	25.02512	.1825146	.2886960

#1	.0850847	-.000645	5.062037	.0046751	.0034912	67.38329	2.757561
#2	.0855077	-.002705	5.064103	.0042864	.0051430	67.39673	2.756681
#3	.0861326	-.002753	5.051975	.0099580	.0058433	67.60295	2.743379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080748	.0607049	81.23190	.1167438	.0796477	.7861772	192.9351
Stddev	.0001086	.0001095	.12359	.0005692	.0007669	.0006437	.8683
%RSD	1.344682	.1802918	.1521504	.4875681	.9628058	.0818753	.4500416

#1	.0079964	.0605833	81.16939	.1162715	.0799191	.7860446	192.4189
#2	.0080293	.0607954	81.37427	.1165841	.0802419	.7856102	192.4489
#3	.0081988	.0607360	81.15205	.1173758	.0787820	.7868769	193.9376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.694195	29.45883	.2017298	-.007926	1.217610	.1917891	6.884404
Stddev	.018772	.20422	.0006920	.000076	.146834	.0072789	.067483
%RSD	.3998950	.6932308	.3430217	.9582100	12.05921	3.795248	.9802368

#1	4.674266	29.37375	.2022603	-.007873	1.348824	.1918997	6.887001
#2	4.711542	29.31091	.2019821	-.008013	1.244993	.1844556	6.815659
#3	4.696777	29.69183	.2009471	-.007891	1.059011	.1990121	6.950551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15266	2.643747	.0694829	.0112368	4.855145	9.634379	.2540978
Stddev	.02127	.001162	.0040164	.0000815	.010352	.049486	.0014049
%RSD	.1403524	.0439409	5.780443	.7256948	.2132208	.5136376	.5528802

#1	15.13449	2.642993	.0696176	.0111440	4.863193	9.588504	.2551713
#2	15.14745	2.643164	.0654008	.0112970	4.858775	9.627814	.2525078
#3	15.17605	2.645085	.0734303	.0112694	4.843466	9.686820	.2546141

Sample Name: J2421-13 Acquired: 4/27/2018 14:08:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8593786	.0654431	.3737736
Stddev	.0012459	.0009892	.0003403
%RSD	.1449743	1.511490	.0910303

#1	.8594919	.0665775	.3741201
#2	.8580799	.0647612	.3734399
#3	.8605639	.0649904	.3737608

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.146	2840.441	40321.36	5625.900	3428.114
Stddev	6.994	2.497	150.15	24.114	2.102
%RSD	.4381785	.0879099	.3723942	.4286320	.0613245

#1	1602.996	2838.918	40395.77	5653.232	3425.745
#2	1596.426	2843.323	40419.79	5616.841	3428.838
#3	1589.017	2839.082	40148.54	5607.627	3429.759

Sample Name: J2421-14 Acquired: 4/27/2018 14:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747338	.0019285	3.539962	.0047158	.0041713	60.75755	2.448997
Stddev	.0003956	.0025311	.010685	.0013113	.0011748	.20178	.004707
%RSD	.5292887	131.2495	.3018282	27.80656	28.16319	.3321083	.1922038

#1	.0743912	.0032536	3.532575	.0037578	.0044405	60.56868	2.443706
#2	.0751667	.0035220	3.535097	.0041793	.0028853	60.97014	2.450563
#3	.0746434	-.000990	3.552213	.0062102	.0051881	60.73383	2.452721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065846	.0341409	45.68981	.0990184	.0726771	.2715720	143.5226
Stddev	.0001404	.0001106	.05362	.0048686	.0004706	.0061426	.7592
%RSD	2.131667	.3238678	.1173644	4.916894	.6475500	2.261874	.5289733

#1	.0067338	.0342304	45.63701	.1046273	.0721392	.2763789	142.9711
#2	.0065649	.0340173	45.74422	.0958847	.0730130	.2736854	144.3885
#3	.0064551	.0341750	45.68821	.0965431	.0728791	.2646517	143.2081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.782743	24.72249	.1821855	-.006437	1.003761	.1629818	3.811336
Stddev	.009893	.24666	.0013770	.000253	.035044	.0060446	.122925
%RSD	.2068539	.9976962	.7558171	3.932685	3.491251	3.708776	3.225252

#1	4.793442	24.64389	.1815166	-.006587	1.016971	.1689067	3.952500
#2	4.780862	24.99887	.1812707	-.006579	1.030279	.1632145	3.727903
#3	4.773925	24.52471	.1837691	-.006145	.964032	.1568242	3.753605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67916	2.275853	.0312873	.0093995	2.515580	5.052710	.0324817
Stddev	.01973	.008712	.0037348	.0000918	.008798	.031727	.0002819
%RSD	.1344340	.3827914	11.93719	.9768502	.3497249	.6279145	.8679970

#1	14.65659	2.278197	.0269790	.0093135	2.525721	5.089240	.0324673
#2	14.68771	2.266209	.0336073	.0093887	2.511030	5.032046	.0322071
#3	14.69318	2.283153	.0332757	.0094962	2.509989	5.036844	.0327705

Sample Name: J2421-14 Acquired: 4/27/2018 14:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6769401	.0577733	.3125218
Stddev	.0041291	.0008498	.0001940
%RSD	.6099629	1.470990	.0620617

#1	.6729165	.0585080	.3122998
#2	.6811671	.0568426	.3126580
#3	.6767367	.0579694	.3126077

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.952	2850.411	39933.30	5586.833	3488.437
Stddev	50.387	3.563	1243.93	16.912	8.372
%RSD	3.155172	.1249988	3.115027	.3027139	.2400028

#1	1538.873	2849.363	38499.24	5580.398	3489.531
#2	1628.976	2854.380	40579.90	5574.083	3496.209
#3	1623.007	2847.489	40720.77	5606.018	3479.571

Sample Name: J2421-15 Acquired: 4/27/2018 14:17:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606457	.0011710	1.410833	.0054788	.0045821	60.70846	1.911159
Stddev	.0031850	.0024255	.004486	.0005750	.0019667	.42648	.003423
%RSD	5.251862	207.1277	.3179620	10.49535	42.92074	.7025043	.1790962

#1	.0639039	-.000245	1.408558	.0056254	.0068012	60.38397	1.914070
#2	.0604938	.003972	1.407941	.0048447	.0038906	61.19150	1.912019
#3	.0575393	-.000214	1.416001	.0059663	.0030546	60.54989	1.907388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063200	.0412749	78.30546	.0944384	.0742475	.3099091	127.1237
Stddev	.0001374	.0002153	.38121	.0005585	.0002780	.0022283	1.9408
%RSD	2.173296	.5215073	.4868301	.5913695	.3744208	.7190067	1.526686

#1	.0064126	.0413256	78.69131	.0938398	.0740451	.3086839	125.5391
#2	.0061622	.0410388	77.92906	.0949455	.0741331	.3124812	129.2883
#3	.0063853	.0414602	78.29601	.0945301	.0745645	.3085624	126.5435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977849	28.37685	.1751794	-.005984	.8228128	.1582433	3.250621
Stddev	.039748	.49393	.0005776	.000207	.1786401	.0026366	.034462
%RSD	.7984949	1.740603	.3297323	3.462786	21.71091	1.666182	1.060174

#1	5.016420	27.86572	.1745143	-.005814	.8213888	.1587626	3.225156
#2	4.937021	28.85156	.1755548	-.005922	1.002161	.1553857	3.289836
#3	4.980105	28.41329	.1754692	-.006215	.644889	.1605817	3.236872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44815	2.320051	.0314164	.0048662	3.036304	4.381742	.0206068
Stddev	.11342	.009733	.0047076	.0000702	.025851	.020549	.0011947
%RSD	.7341759	.4195113	14.98444	1.442053	.8513971	.4689747	5.797730

#1	15.32227	2.319706	.0262304	.0048207	3.037280	4.400701	.0195280
#2	15.54237	2.310496	.0354201	.0049470	3.009979	4.384620	.0218908
#3	15.47982	2.329952	.0325989	.0048310	3.061654	4.359906	.0204016

Sample Name: J2421-15 Acquired: 4/27/2018 14:17:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6506272	.0578024	.2805285
Stddev	.0047427	.0003010	.0008031
%RSD	.7289474	.5206753	.2862919

#1	.6481174	.0581429	.2803170
#2	.6560974	.0576922	.2814163
#3	.6476667	.0575720	.2798524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.253	2810.044	39737.64	5600.948	3437.153
Stddev	4.231	3.211	141.07	21.629	2.941
%RSD	.2696042	.1142631	.3550158	.3861611	.0855687

#1	1572.930	2811.457	39859.20	5591.111	3436.061
#2	1570.202	2812.306	39582.94	5585.987	3440.484
#3	1564.629	2806.369	39770.77	5625.747	3434.915

Sample Name: J2421-16 Acquired: 4/27/2018 14:21:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809671	.0052160	2.186697	.0089177	.0046230	71.82139	2.686110
Stddev	.0024404	.0023539	.003970	.0006546	.0008633	.13179	.009915
%RSD	3.014051	45.12954	.1815698	7.340244	18.67499	.1835027	.3691378

#1	.0814914	.0068579	2.183725	.0096698	.0055422	71.68705	2.689317
#2	.0831027	.0062708	2.185159	.0086069	.0038293	71.82664	2.674988
#3	.0783071	.0025191	2.191206	.0084764	.0044973	71.95048	2.694025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067303	.0535494	45.18085	.1094149	.0835430	.2597499	144.4366
Stddev	.0000388	.0000840	.24157	.0004640	.0001280	.0030870	1.1516
%RSD	.5768881	.1568233	.5346698	.4240555	.1532041	1.188456	.7972976

#1	.0067291	.0536428	45.24082	.1097142	.0835469	.2567743	143.4283
#2	.0066921	.0534801	44.91494	.1088804	.0836689	.2629375	145.6915
#3	.0067697	.0535253	45.38678	.1096501	.0834131	.2595379	144.1900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.415661	25.96051	.1817636	-.006626	.7249667	.1841552	4.131432
Stddev	.036943	.12701	.0003123	.000128	.2509261	.0035235	.017993
%RSD	.6821508	.4892354	.1718248	1.931288	34.61209	1.913308	.4355111

#1	5.401444	25.84553	.1817667	-.006753	.7633074	.1800871	4.134683
#2	5.387938	26.09684	.1814498	-.006497	.4570768	.1862388	4.112035
#3	5.457600	25.93917	.1820744	-.006628	.9545160	.1861398	4.147577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.58435	2.689940	.0169568	.0045410	1.980281	4.564403	.0144177
Stddev	.04697	.004696	.0045827	.0001494	.005730	.025124	.0014923
%RSD	.2670883	.1745922	27.02584	3.289785	.2893566	.5504257	10.35016

#1	17.53054	2.694427	.0170800	.0046879	1.974730	4.538723	.0148262
#2	17.61710	2.685059	.0214768	.0043892	1.979939	4.565556	.0127638
#3	17.60540	2.690334	.0123138	.0045458	1.986174	4.588931	.0156632

Sample Name: J2421-16 Acquired: 4/27/2018 14:21:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6380646	.0640644	.2699370
Stddev	.0028018	.0011746	.0003269
%RSD	.4391141	1.833531	.1210889

#1	.6368532	.0634546	.2701473
#2	.6360723	.0654185	.2695605
#3	.6412683	.0633201	.2701033

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.286	2863.302	40423.41	5608.972	3466.767
Stddev	4.623	7.918	167.26	16.387	2.483
%RSD	.2883644	.2765322	.4137653	.2921617	.0716165

#1	1601.310	2872.424	40412.67	5626.943	3465.578
#2	1599.979	2859.280	40261.78	5594.855	3469.620
#3	1608.569	2858.202	40595.78	5605.118	3465.102

Sample Name: J2421-17 Acquired: 4/27/2018 14:25:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731201	.0024459	.3782343	.0057474	.0030802	85.00695	1.663308
Stddev	.0017338	.0022757	.0021942	.0012830	.0017615	.50894	.006043
%RSD	2.371198	93.04391	.5801167	22.32393	57.18702	.5987098	.3632960

#1	.0743417	-.000175	.3762438	.0062791	.0050837	84.42081	1.670231
#2	.0738831	.003589	.3778719	.0066791	.0023823	85.33690	1.659091
#3	.0711357	.003923	.3805871	.0042840	.0017746	85.26313	1.660603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068874	.0228764	38.76310	.0985517	.0741854	.1739298	158.0148
Stddev	.0001522	.0001245	.13747	.0014796	.0001774	.0063598	2.5075
%RSD	2.209680	.5441806	.3546424	1.501317	.2391440	3.656559	1.586907

#1	.0068936	.0229469	38.91644	.0992976	.0740164	.1715051	155.1771
#2	.0070365	.0227327	38.65090	.0995099	.0743702	.1811453	158.9351
#3	.0067323	.0229498	38.72195	.0968476	.0741696	.1691390	159.9321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.229343	28.75083	.1991014	-.008124	.8864935	.1903839	2.549555
Stddev	.029165	.57595	.0006555	.000260	.2733677	.0044661	.020540
%RSD	.6895812	2.003255	.3292392	3.197824	30.83697	2.345823	.8056375

#1	4.262214	28.08642	.1983523	-.008344	1.202151	.1877461	2.542000
#2	4.219247	29.05752	.1995702	-.008192	.728510	.1955404	2.533863
#3	4.206568	29.10853	.1993816	-.007838	.728820	.1878652	2.572803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.49641	1.908253	.0112813	.0024406	1.238414	4.873354	.0073050
Stddev	.00409	.006979	.0064539	.0001651	.010849	.036698	.0014525
%RSD	.0263725	.3657333	57.20917	6.766193	.8760263	.7530304	19.88394

#1	15.49506	1.912132	.0062829	.0022638	1.238858	4.862048	.0059909
#2	15.50101	1.900196	.0089935	.0025908	1.227350	4.914375	.0070593
#3	15.49318	1.912432	.0185675	.0024674	1.249034	4.843640	.0088646

Sample Name: J2421-17 Acquired: 4/27/2018 14:25:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DH9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5572055	.0729762	.2497023
Stddev	.0014446	.0006416	.0003293
%RSD	.2592630	.8791816	.1318818

#1	.5561160	.0722510	.2495253
#2	.5588442	.0732078	.2500822
#3	.5566562	.0734698	.2494993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.240	2929.034	40879.50	5626.291	3500.448
Stddev	15.401	2.874	60.68	26.147	1.053
%RSD	.9458617	.0981103	.1484423	.4647204	.0300848

#1	1621.420	2928.097	40832.64	5650.035	3500.156
#2	1645.873	2926.746	40948.04	5598.270	3501.616
#3	1617.427	2932.259	40857.81	5630.569	3499.572

Sample Name: CCV041 Acquired: 4/27/2018 14:29:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.811864	4.516546	23.63078	4.836929	4.851379	408.0272
Stddev	.006735	.040781	.02501	.028506	.014019	2.6074
%RSD	.1399706	.9029255	.1058215	.5893481	.2889713	.6390151

#1	4.804203	4.546917	23.61488	4.804041	4.837180	405.1101
#2	4.816853	4.532527	23.61786	4.854553	4.851745	408.8406
#3	4.814536	4.470195	23.65960	4.852193	4.865211	410.1309

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.654011	.4854467	2.334132	389.8637	14.05796	2.376099
Stddev	.016710	.0015364	.001633	.9531	.02052	.005214
%RSD	.1730926	.3165000	.0699693	.2444708	.1459513	.2194548

#1	9.647429	.4837168	2.332613	390.8104	14.04527	2.371287
#2	9.641593	.4866527	2.333925	388.9044	14.04698	2.375371
#3	9.673010	.4859706	2.335860	389.8762	14.08163	2.381639

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62620	421.7574	14.05061	409.8646	2.364557	1.165868
Stddev	.05291	4.7485	.06159	4.6881	.003791	.005371
%RSD	.3617420	1.125881	.4383518	1.143821	.1603311	.4607264

#1	14.56522	416.3875	14.11434	404.5689	2.362262	1.159672
#2	14.65342	423.4825	14.04607	411.5400	2.362476	1.169206
#3	14.65995	425.4021	13.99141	413.4848	2.368933	1.168726

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.2987	2.445354	14.04040	148.8975	F 1.377293	4.786285
Stddev	3.5801	.011546	.06993	.7490	.003384	.026206
%RSD	.8641347	.4721713	.4980699	.5029996	.2456890	.5475229

#1	410.1667	2.432024	13.99807	148.0622	1.375663	4.757282
#2	416.2554	2.452217	14.00201	149.5093	1.381183	4.793313
#3	416.4740	2.451823	14.12112	149.1209	1.375032	4.808260

Sample Name: CCV041 Acquired: 4/27/2018 14:29:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.736515	4.933243	4.900783	4.744779	4.874830	4.891242
Stddev	.011283	.016295	.018448	.004273	.037053	.033489
%RSD	.2382184	.3303022	.3764351	.0900512	.7600899	.6846627

#1	4.723501	4.930215	4.879563	4.739915	4.842721	4.857041
#2	4.743571	4.950839	4.909768	4.747926	4.866397	4.892715
#3	4.742472	4.918675	4.913017	4.746497	4.915373	4.923969

Elem	Sr4077
Units	ppm
Avg	4.847712
Stddev	.014478
%RSD	.2986534

#1	4.831566
#2	4.852032
#3	4.859538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.085	2176.479	31885.53	4670.826	2763.225
Stddev	4.390	2.654	95.73	26.250	3.409
%RSD	.3619178	.1219533	.3002260	.5620031	.1233557

#1	1211.913	2179.418	31834.55	4686.565	2764.107
#2	1209.400	2175.764	31826.08	4640.522	2766.106
#3	1217.943	2174.256	31995.96	4685.391	2759.462

Sample Name: CCB041 Acquired: 4/27/2018 14:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030437	.0028939	.0006726	-.000361	.0010727	.0055747	-.002758
Stddev	.0050422	.0026884	.0005700	.002917	.0020163	.0088865	.000548
%RSD	165.6616	92.89735	84.74623	808.0060	187.9624	159.4071	19.87837

#1	-.000836	.0051991	.0003392	-.001750	-.001085	.0118268	-.002214
#2	.001224	-.000059	.0003478	.002991	.001394	-.004598	-.003310
#3	.008743	.003542	.0013307	-.002324	.002909	.009495	-.002749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	-.000053	-.001265	.0000326	.0000355	-.001572	-.009440
Stddev	.000026	.000007	.013455	.0002138	.0000648	.002913	.009219
%RSD	43.80090	13.88935	1063.838	655.3180	182.2656	185.3634	97.65240

#1	-.000088	-.000045	.014253	-.000089	.0000818	-.000545	-.013222
#2	-.000040	-.000060	-.008361	.000279	.0000633	-.004859	-.016166
#3	-.000049	-.000053	-.009686	-.000092	-.000038	.000689	.001068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000610	.0356643	-.000220	.0003246	-.314592	-.009670	-.002983
Stddev	.0003662	.0349465	.000167	.0002524	.128386	.003268	.008057
%RSD	600.7146	97.98743	76.23184	77.76426	40.81014	33.79194	270.1189

#1	.0004831	.0283273	-.000357	.0006056	-.199613	-.005897	-.000098
#2	-.000172	.0736967	-.000269	.0001169	-.453123	-.011587	-.012086
#3	-.000128	.0049688	-.000033	.0002514	-.291041	-.011525	.003235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223098	-.000672	.0021652	.0000502	-.000584	-.003450	-.001156
Stddev	.013893	.000350	.0010922	.0002629	.001615	.000961	.000556
%RSD	6.227184	52.12154	50.44187	523.5619	276.5415	27.84448	48.08757

#1	-.233822	-.000975	.0034258	.0001286	.000442	-.004402	-.001146
#2	-.228069	-.000754	.0015039	.0002650	.000252	-.003467	-.001718
#3	-.207404	-.000288	.0015658	-.000243	-.002445	-.002481	-.000606

Sample Name: CCB041 Acquired: 4/27/2018 14:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000143	-.000132	.0000094
Stddev	.001243	.000729	.0000307
%RSD	870.1259	552.4362	327.5066

#1	.000691	.000707	.0000421
#2	-.001572	-.000487	-.000019
#3	.000452	-.000616	.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.445	2593.839	36463.78	4972.475	3766.252
Stddev	4.800	4.645	16.87	39.243	4.690
%RSD	.3295854	.1790659	.0462702	.7891955	.1245302

#1	1451.507	2598.599	36445.30	4954.175	3770.191
#2	1461.094	2593.600	36478.35	5017.525	3767.501
#3	1456.733	2589.319	36467.69	4945.725	3761.063

Sample Name: J2421-18 Acquired: 4/27/2018 14:37:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604586	.0011125	.3100860	.0073834	.0028494	73.70184	1.619153
Stddev	.0019747	.0016115	.0021068	.0034778	.0019165	.18087	.002033
%RSD	3.266257	144.8579	.6794317	47.10328	67.25867	.2454145	.1255286

#1	.0616116	-.000704	.3124544	.0094731	.0050352	73.86339	1.620653
#2	.0581784	.002371	.3093830	.0093084	.0020557	73.73571	1.619965
#3	.0615857	.001670	.3084205	.0033687	.0014573	73.50642	1.616840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065982	.0135010	32.72997	.0890109	.0798603	.1480763	145.6668
Stddev	.0000382	.0001524	.09947	.0012645	.0001349	.0009248	.6466
%RSD	.5796036	1.128743	.3039068	1.420598	.1689739	.6245293	.4438755

#1	.0066200	.0133626	32.81926	.0878926	.0797099	.1491439	146.2753
#2	.0066204	.0134761	32.74788	.0887572	.0799001	.1475610	145.7371
#3	.0065540	.0136644	32.62276	.0903831	.0799708	.1475240	144.9879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.665007	26.31610	.2074909	-.007010	.7722573	.1826590	2.274015
Stddev	.002822	.04638	.0004713	.000448	.2067702	.0049853	.042295
%RSD	.0605016	.1762350	.2271642	6.390822	26.77478	2.729276	1.859931

#1	4.662751	26.36134	.2070150	-.006501	.9498583	.1870345	2.237124
#2	4.668172	26.31829	.2075002	-.007183	.8216499	.1837107	2.320176
#3	4.664098	26.26866	.2079575	-.007345	.5452638	.1772318	2.264745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80468	1.904175	.0229391	.0024390	1.046004	9.913894	.0041864
Stddev	.07017	.006962	.0055398	.0003464	.009189	.155662	.0017116
%RSD	.4439540	.3656263	24.15018	14.20048	.8784874	1.570137	40.88506

#1	15.81951	1.896375	.0167444	.0021032	1.039176	10.08957	.0042898
#2	15.86625	1.906389	.0274179	.0027950	1.056451	9.85897	.0058439
#3	15.72829	1.909761	.0246552	.0024190	1.042383	9.79314	.0024254

Sample Name: J2421-18 Acquired: 4/27/2018 14:37:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7356473	.0644113	.2507774
Stddev	.0045313	.0004140	.0005604
%RSD	.6159628	.6427492	.2234544

#1	.7359970	.0643745	.2512612
#2	.7399937	.0648424	.2509074
#3	.7309513	.0640169	.2501634

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.579	2925.927	41691.14	5694.872	3522.409
Stddev	11.080	.390	212.97	52.166	4.850
%RSD	.6668171	.0133411	.5108223	.9160204	.1376775

#1	1670.917	2926.356	41905.83	5641.895	3523.701
#2	1649.336	2925.593	41479.94	5696.535	3517.045
#3	1664.483	2925.831	41687.64	5746.187	3526.483

Sample Name: J2421-19 Acquired: 4/27/2018 14:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535955	.0034882	.2981078	.0029640	.0028964	60.50574	1.264037
Stddev	.0021863	.0020611	.0015334	.0035041	.0022372	.19096	.000935
%RSD	4.079334	59.08750	.5143880	118.2214	77.24069	.3156141	.0739631

#1	.0557058	.0040003	.2991648	-.000364	.0007058	60.44733	1.264613
#2	.0513403	.0052449	.2963491	.002634	.0028059	60.35080	1.262958
#3	.0537403	.0012193	.2988095	.006621	.0051774	60.71909	1.264541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059374	.0321780	162.7463	.0967014	.0752675	.1619006	130.0821
Stddev	.0000689	.0002960	.5458	.0017210	.0003171	.0006987	.6914
%RSD	1.161019	.9198635	.3353788	1.779680	.4212804	.4315371	.5315361

#1	.0060168	.0319962	162.2679	.0981075	.0749364	.1620029	130.3744
#2	.0058929	.0320182	163.3408	.0972144	.0752976	.1611565	129.2925
#3	.0059025	.0325195	162.6301	.0947823	.0755684	.1625425	130.5793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.376723	77.22557	.1619210	-.005839	.7913812	.2078518	1.916330
Stddev	.057041	.33936	.0008526	.000211	.2025226	.0057609	.072905
%RSD	1.060881	.4394462	.5265489	3.621072	25.59103	2.771651	3.804405

#1	5.324721	77.49035	.1611405	-.006041	.9338511	.2033432	1.934166
#2	5.437731	76.84300	.1617917	-.005857	.8807456	.2058702	1.978661
#3	5.367718	77.34336	.1628309	-.005619	.5595469	.2143420	1.836162

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21344	1.634116	.0254952	.0029398	2.896725	10.37451	.0032961
Stddev	.06684	.010971	.0025348	.0002030	.024893	.06763	.0030833
%RSD	.4702653	.6713738	9.942220	6.906129	.8593556	.6518941	93.54353

#1	14.27610	1.625038	.0225693	.0029199	2.872706	10.40955	.0032269
#2	14.14308	1.631004	.0270246	.0031521	2.895062	10.29655	.0064135
#3	14.22115	1.646307	.0268917	.0027475	2.922409	10.41744	.0002480

Sample Name: J2421-19 Acquired: 4/27/2018 14:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8271491	.0607737	.2229838
Stddev	.0020284	.0003859	.0007137
%RSD	.2452237	.6349231	.3200618

#1	.8259960	.0606129	.2223093
#2	.8294911	.0604943	.2229110
#3	.8259601	.0612140	.2237311

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.786	2772.103	39613.38	5568.828	3333.739
Stddev	37.304	3.346	740.74	5.574	6.927
%RSD	2.373368	.1207146	1.869926	.1000977	.2077977

#1	1553.688	2775.966	39264.91	5564.361	3340.554
#2	1546.984	2770.263	39111.14	5575.075	3333.960
#3	1614.688	2770.081	40464.10	5567.049	3326.704

Sample Name: J2421-20 Acquired: 4/27/2018 14:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707685	.0037892	.4582599	.0012098	.0063541	67.64123	1.797301
Stddev	.0029245	.0014915	.0059060	.0021331	.0006808	.08230	.006333
%RSD	4.132506	39.36023	1.288793	176.3149	10.71488	.1216660	.3523418

#1	.0730792	.0045794	.4558019	.0000328	.0060757	67.55924	1.798321
#2	.0674805	.0020689	.4539799	.0036722	.0058565	67.72383	1.790520
#3	.0717459	.0047193	.4649980	-.000075	.0071300	67.64062	1.803061

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067845	.0723496	99.61633	.0996849	.0871027	.1923941	139.7101
Stddev	.0001379	.0001305	.30570	.0010954	.0003822	.0008703	1.0532
%RSD	2.032144	.1803271	.3068810	1.098894	.4388181	.4523514	.7538115

#1	.0069406	.0724619	99.81834	.0985719	.0870120	.1928299	139.2891
#2	.0067334	.0722065	99.26462	.0997208	.0875221	.1913920	140.9086
#3	.0066794	.0723806	99.76602	.1007619	.0867739	.1929604	138.9325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.223728	50.35690	.1767278	-.006286	.8340776	.2038979	3.079668
Stddev	.025156	.36333	.0007604	.000095	.1070066	.0026469	.035923
%RSD	.4041896	.7215036	.4302952	1.516455	12.82934	1.298128	1.166451

#1	6.243322	50.12920	.1762664	-.006187	.9025184	.2059886	3.040158
#2	6.195360	50.77590	.1763116	-.006294	.7107657	.2009218	3.110363
#3	6.232502	50.16559	.1776056	-.006377	.8889488	.2047832	3.088484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.97062	1.711227	.0119758	.0028989	2.012854	3.200530	.0047321
Stddev	.05440	.004343	.0045096	.0004221	.005076	.025076	.0018657
%RSD	.3027068	.2537771	37.65622	14.56030	.2521729	.7834876	39.42580

#1	17.96723	1.710586	.0086579	.0028367	2.017939	3.221013	.0026084
#2	17.91799	1.707241	.0171105	.0025113	2.012836	3.208012	.0054804
#3	18.02663	1.715855	.0101591	.0033486	2.007787	3.172565	.0061074

Sample Name: J2421-20 Acquired: 4/27/2018 14:45:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1DJ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6106545	.0637601	.2188007
Stddev	.0034378	.0007957	.0003588
%RSD	.5629640	1.247984	.1639653

#1	.6110978	.0642154	.2184591
#2	.6138491	.0642235	.2187687
#3	.6070166	.0628413	.2191744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.379	2829.818	40114.69	5652.297	3405.507
Stddev	14.596	5.073	311.35	14.359	7.617
%RSD	.9183570	.1792829	.7761607	.2540403	.2236693

#1	1599.768	2829.496	40295.61	5639.646	3403.728
#2	1595.679	2835.044	40293.30	5649.342	3413.856
#3	1572.691	2824.912	39755.17	5667.904	3398.937

Sample Name: J2421-21 Acquired: 4/27/2018 14:49:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731703	.0033442	.5421480	.0075931	.0041203	69.56617	1.956180
Stddev	.0055645	.0017756	.0018727	.0028182	.0009017	.29065	.003777
%RSD	7.604908	53.09603	.3454124	37.11476	21.88345	.4177975	.1930767

#1	.0762922	.0053943	.5399867	.0107783	.0031599	69.53466	1.952018
#2	.0764731	.0022962	.5431725	.0054235	.0042523	69.29256	1.959389
#3	.0667458	.0023420	.5432850	.0065775	.0049486	69.87128	1.957134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068847	.0794645	68.68159	.0967211	.0999744	.2046142	142.1545
Stddev	.0000961	.0001563	.19778	.0010729	.0004897	.0050158	1.5730
%RSD	1.396143	.1966264	.2879727	1.109288	.4897890	2.451320	1.106557

#1	.0069925	.0796271	68.47712	.0956390	.0998223	.2029079	142.6889
#2	.0068078	.0793155	68.87193	.0977846	.0995789	.2006742	140.3839
#3	.0068540	.0794508	68.69574	.0967397	.1005221	.2102605	143.3907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.045910	37.35578	.1830727	-.006203	1.251864	.2076603	3.603867
Stddev	.026285	.35545	.0008923	.000109	.146516	.0044991	.044867
%RSD	.3266875	.9515329	.4873981	1.764532	11.70380	2.166583	1.244965

#1	8.017832	37.67068	.1837113	-.006138	1.240729	.2032082	3.604095
#2	8.069930	36.97035	.1820532	-.006141	1.403630	.2122051	3.558886
#3	8.049969	37.42632	.1834536	-.006329	1.111234	.2075676	3.648619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.19938	1.507630	.0125168	.0033959	1.998571	3.436169	.0052291
Stddev	.09990	.007900	.0024594	.0001243	.004626	.029769	.0014587
%RSD	.5808279	.5239755	19.64909	3.660701	.2314782	.8663447	27.89618

#1	17.20027	1.510101	.0140473	.0032525	2.003912	3.435965	.0046595
#2	17.09903	1.498791	.0096798	.0034611	1.995811	3.406502	.0068867
#3	17.29882	1.513999	.0138233	.0034741	1.995990	3.466039	.0041411

Sample Name: J2421-21 Acquired: 4/27/2018 14:49:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5855101	.0636875	.2262115
Stddev	.0045061	.0006557	.0003776
%RSD	.7696024	1.029541	.1669164

#1	.5840156	.0636454	.2260801
#2	.5819413	.0630538	.2259172
#3	.5905736	.0643632	.2266372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.602	2850.172	40381.99	5659.845	3438.623
Stddev	5.099	7.077	51.90	21.537	12.537
%RSD	.3170114	.2483025	.1285311	.3805266	.3645895

#1	1608.079	2857.105	40375.98	5646.613	3449.708
#2	1603.784	2842.959	40333.36	5684.697	3441.145
#3	1613.942	2850.452	40436.64	5648.226	3425.017

Sample Name: J2421-22 Acquired: 4/27/2018 14:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0592839	.0031620	.2569708	.0051923	.0054414	81.00926	1.666823
Stddev	.0032935	.0018301	.0018792	.0022288	.0008652	.32771	.003660
%RSD	5.555505	57.87711	.7312759	42.92546	15.90034	.4045313	.2195823

#1	.0554813	.0030309	.2551677	.0028295	.0048623	80.84449	1.663085
#2	.0611390	.0014010	.2568270	.0072571	.0064359	80.79663	1.666983
#3	.0612315	.0050541	.2589178	.0054903	.0050259	81.38665	1.670400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071004	.0426836	156.2887	.1050998	.0947135	.1667619	151.3813
Stddev	.0001034	.0002327	.7061	.0004327	.0001390	.0027002	.8035
%RSD	1.456930	.5452751	.4518218	.4116818	.1467499	1.619183	.5307868

#1	.0069992	.0427827	155.4764	.1051547	.0946616	.1636461	151.1939
#2	.0072060	.0424177	156.7564	.1055025	.0946080	.1684195	150.6880
#3	.0070960	.0428503	156.6333	.1046424	.0948710	.1682200	152.2619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.884058	87.97799	.2077453	-.007405	1.230816	.2218971	2.142477
Stddev	.044977	.54205	.0004938	.000400	.138445	.0014031	.027627
%RSD	.6533539	.6161186	.2376928	5.403007	11.24823	.6323094	1.289511

#1	6.832202	88.07877	.2083147	-.007472	1.183539	.2222293	2.146711
#2	6.912478	87.39262	.2074867	-.007767	1.122201	.2203578	2.112977
#3	6.907494	88.46258	.2074346	-.006975	1.386706	.2231043	2.167743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.25252	1.251144	.0270934	.0034364	1.297816	12.74985	.0041970
Stddev	.03390	.002570	.0028109	.0003786	.007984	.02095	.0003063
%RSD	.2085709	.2054346	10.37480	11.01834	.6152221	.1642835	7.297249

#1	16.22082	1.250823	.0289993	.0031266	1.288866	12.77159	.0043918
#2	16.24850	1.248749	.0238652	.0033242	1.304206	12.74814	.0038440
#3	16.28825	1.253860	.0284156	.0038584	1.300376	12.72981	.0043552

Sample Name: J2421-22 Acquired: 4/27/2018 14:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1DJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7433183	.0815054	.2756304
Stddev	.0032732	.0008923	.0010280
%RSD	.4403544	1.094800	.3729585

#1	.7395846	.0804799	.2746928
#2	.7456936	.0821047	.2754687
#3	.7446767	.0819317	.2767296

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.633	2776.024	39766.79	5624.222	3268.429
Stddev	6.658	6.391	35.13	27.325	7.014
%RSD	.4236312	.2302057	.0883370	.4858385	.2145911

#1	1578.377	2772.941	39777.99	5655.682	3261.584
#2	1565.064	2771.760	39727.43	5606.405	3275.601
#3	1571.458	2783.372	39794.95	5610.581	3268.103

Sample Name: J2405-18 Acquired: 4/27/2018 14:57:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1D21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0592946	.0010837	.4618171	.0092429	.0039914	102.5552	2.575281
Stddev	.0039614	.0029413	.0040731	.0028587	.0017873	.3811	.005931
%RSD	6.680863	271.4246	.8819791	30.92837	44.77976	.3716449	.2302960

#1	.0569319	.0044293	.4588090	.0070271	.0020965	102.1303	2.578919
#2	.0638680	-.001095	.4664523	.0124697	.0042305	102.8672	2.568437
#3	.0570840	-.000083	.4601901	.0082320	.0056471	102.6679	2.578486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092308	.0377630	46.20167	.1267290	.1026838	.2134598	177.5311
Stddev	.0000722	.0002069	.21881	.0005477	.0005448	.0041751	1.0937
%RSD	.7815711	.5478608	.4736040	.4321872	.5305669	1.955899	.6160626

#1	.0091538	.0376405	46.19808	.1273571	.1032821	.2179145	176.4093
#2	.0092418	.0376467	45.98468	.1263512	.1025530	.2128286	178.5944
#3	.0092969	.0380019	46.42226	.1264787	.1022163	.2096362	177.5897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.299500	31.56866	.2584576	-.008089	1.838473	.2876808	22.98394
Stddev	.072421	.45234	.0001040	.000337	.082473	.0049540	.18740
%RSD	.8725960	1.432861	.0402492	4.171364	4.485946	1.722034	.8153656

#1	8.313121	31.14264	.2584519	-.008251	1.921479	.2819695	22.85270
#2	8.221235	32.04337	.2585644	-.008316	1.837398	.2902569	23.19856
#3	8.364143	31.51996	.2583565	-.007702	1.756543	.2908158	22.90056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.05366	1.392560	.0440980	.0062287	1.912659	18.18692	.0092848
Stddev	.04164	.006751	.0056785	.0002219	.005874	.10974	.0008644
%RSD	.1888198	.4848129	12.87692	3.562476	.3071300	.6033928	9.310101

#1	22.00943	1.387322	.0408139	.0059738	1.915470	18.25991	.0097584
#2	22.09211	1.390178	.0506549	.0063785	1.905907	18.06072	.0098090
#3	22.05944	1.400179	.0408252	.0063339	1.916599	18.24013	.0082871

Sample Name: J2405-18 Acquired: 4/27/2018 14:57:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1D21 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7764186	.0869036	.3776220
Stddev	.0020641	.0005797	.0009200
%RSD	.2658462	.6670806	.2436155

#1	.7753773	.0872576	.3785283
#2	.7787959	.0872187	.3766890
#3	.7750826	.0862346	.3776487

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.534	2953.538	41939.30	5916.857	3450.487
Stddev	14.244	4.712	127.05	13.945	6.441
%RSD	.8557318	.1595356	.3029474	.2356827	.1866708

#1	1672.463	2950.924	42064.38	5926.365	3447.012
#2	1648.090	2958.978	41810.36	5900.848	3457.920
#3	1673.050	2950.713	41943.16	5923.357	3446.530

Sample Name: CCV042 Acquired: 4/27/2018 15:22:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.769301	F 4.369814	23.43556	4.868303	4.891099	407.6049
Stddev	.031143	.029140	.02680	.029259	.026641	.9378
%RSD	.6529978	.6668576	.1143434	.6010204	.5446933	.2300658

#1	4.784400	4.391236	23.44959	4.894658	4.912521	408.6779
#2	4.733487	4.336631	23.40466	4.836818	4.861268	407.1949
#3	4.790018	4.381574	23.45242	4.873433	4.899508	406.9420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.631875	.4844203	2.317609	383.9186	F 13.91710	2.359064
Stddev	.026098	.0055201	.004534	.7042	.15918	.004027
%RSD	.2709546	1.139519	.1956129	.1834217	1.143768	.1707238

#1	9.652340	.4887482	2.316044	384.6340	14.08673	2.357153
#2	9.640800	.4863089	2.314065	383.8957	13.89356	2.356348
#3	9.602486	.4782038	2.322718	383.2261	13.77099	2.363691

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65243	426.1932	13.81272	413.6448	2.360908	1.152637
Stddev	.02229	1.5999	.06417	2.0841	.003420	.007483
%RSD	.1521311	.3753917	.4645487	.5038447	.1448488	.6492364

#1	14.67753	427.9876	13.80284	416.0148	2.360242	1.160096
#2	14.64484	424.9156	13.75406	412.8214	2.357871	1.152686
#3	14.63493	425.6763	13.88125	412.0982	2.364612	1.145130

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.8109	2.448235	14.83938	148.5998	F 1.368575	4.745715
Stddev	1.9049	.011062	.02207	.0335	.005590	.040226
%RSD	.4581164	.4518249	.1487353	.0225441	.4084565	.8476278

#1	418.0102	2.460838	14.86197	148.6319	1.372701	4.782498
#2	414.6809	2.440136	14.83829	148.6026	1.362213	4.751886
#3	414.7417	2.443729	14.81787	148.5650	1.370810	4.702760

Sample Name: CCV042 Acquired: 4/27/2018 15:22:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788241	4.929510	4.798297	4.710254	4.851666	4.902485
Stddev	.024539	.040030	.056442	.009245	.012491	.020313
%RSD	.5124875	.8120551	1.176287	.1962817	.2574637	.4143405

#1	4.803074	4.934319	4.859374	4.715198	4.865770	4.924343
#2	4.759917	4.887292	4.787449	4.699588	4.841998	4.898924
#3	4.801733	4.966919	4.748066	4.715977	4.847231	4.884188

Elem	Sr4077
Units	ppm
Avg	4.860102
Stddev	.008329
%RSD	.1713824

#1	4.868124
#2	4.851496
#3	4.860687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.800	2139.015	31735.66	4674.146	2735.994
Stddev	4.924	11.843	284.99	32.242	6.728
%RSD	.4093507	.5536592	.8980090	.6897962	.2458991

#1	1201.324	2127.204	31469.33	4651.145	2729.255
#2	1198.784	2150.890	31701.44	4660.294	2742.711
#3	1208.294	2138.950	32036.22	4711.000	2736.016

Sample Name: CCB042 Acquired: 4/27/2018 15:26:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009614	.0035543	.0013595	-.000952	.0012577	.0097030	-.002338
Stddev	.0010940	.0019993	.0008113	.000851	.0027786	.0109360	.000495
%RSD	113.7905	56.25042	59.67613	89.46354	220.9263	112.7071	21.15424

#1	.0012577	.0029844	.0016292	-.001433	.0032370	.0145057	-.001820
#2	.0018767	.0019018	.0004477	.000031	-.001919	-.002812	-.002805
#3	-.000250	.0057767	.0020017	-.001453	.002455	.017416	-.002388

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	-.000060	-.003469	.0003959	-.000040	-.002136	-.004758
Stddev	.000057	.000067	.012593	.0002311	.000044	.003085	.012033
%RSD	84.98546	111.5837	362.9770	58.36834	110.2754	144.4471	252.8671

#1	-.000035	-.000031	-.012507	.0005323	-.000033	.000450	-.015286
#2	-.000033	-.000013	.010914	.0001291	.000000	-.005551	.008358
#3	-.000133	-.000137	-.008815	.0005262	-.000087	-.001307	-.007348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	-.000622	.0000971	.0004398	-.296481	-.005764	-.000048
Stddev	.000431	.031401	.0001884	.0003318	.199224	.002598	.002500
%RSD	446.3462	5050.108	194.0952	75.44403	67.19622	45.07574	5255.546

#1	.000252	.015542	-.000024	.0007438	-.068651	-.004052	.001758
#2	-.000578	.019404	.000314	.0000858	-.382825	-.008754	-.002902
#3	.000037	-.036812	.000002	.0004897	-.437969	-.004487	.001001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152496	-.001233	.0018625	-.000159	-.003880	-.004209	-.000423
Stddev	.043824	.000670	.0003082	.000217	.001681	.000131	.000600
%RSD	28.73782	54.32910	16.54987	136.1874	43.31623	3.118886	141.8187

#1	-.183827	-.000589	.0022121	.000047	-.004384	-.004270	.000261
#2	-.102416	-.001184	.0016299	-.000386	-.002005	-.004300	-.000670
#3	-.171243	-.001926	.0017454	-.000139	-.005251	-.004059	-.000860

Sample Name: CCB042 Acquired: 4/27/2018 15:26:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v503) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005998	-.000548	-.000036
Stddev	.0014406	.000187	.000057
%RSD	240.1685	34.02626	157.5286

#1	-.000836	-.000567	.000007
#2	.002046	-.000353	-.000015
#3	.000590	-.000725	-.000101

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.086	2565.906	36418.80	4935.583	3739.653
Stddev	13.529	3.214	210.18	8.067	9.302
%RSD	.9342987	.1252765	.5771065	.1634449	.2487362

#1	1461.752	2562.501	36484.03	4933.100	3728.915
#2	1447.808	2568.888	36588.63	4929.050	3744.817
#3	1434.698	2566.329	36183.75	4944.600	3745.228