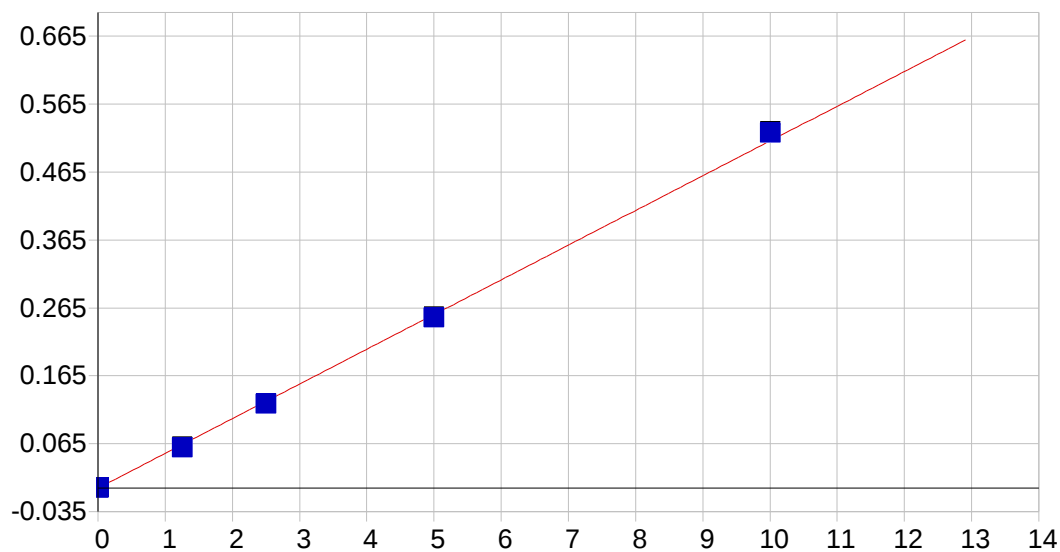




As 189.042 {479}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000312

Re-Slope: 1.000000

A1 (Gain): 0.051109

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999640

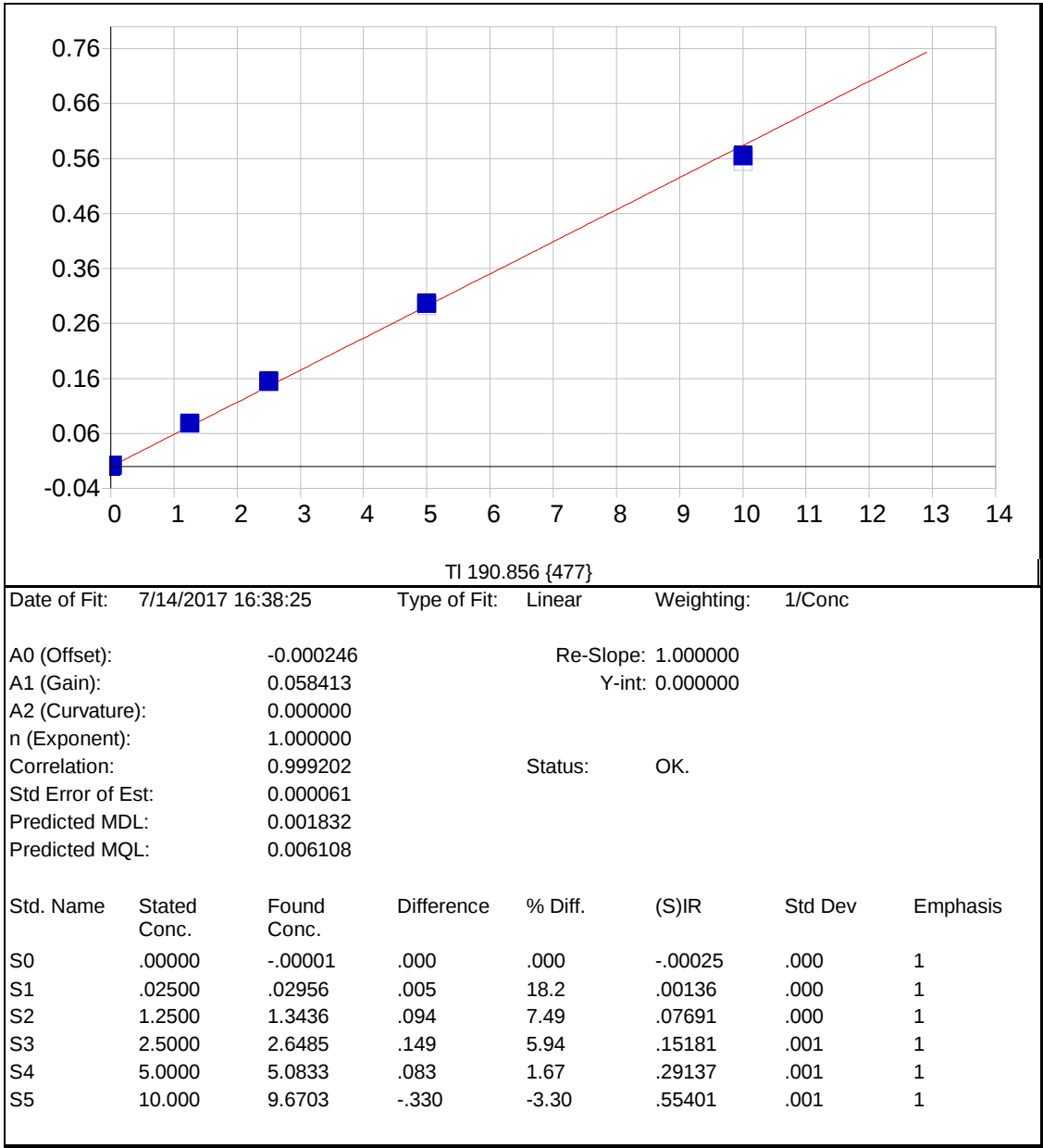
Status: OK.

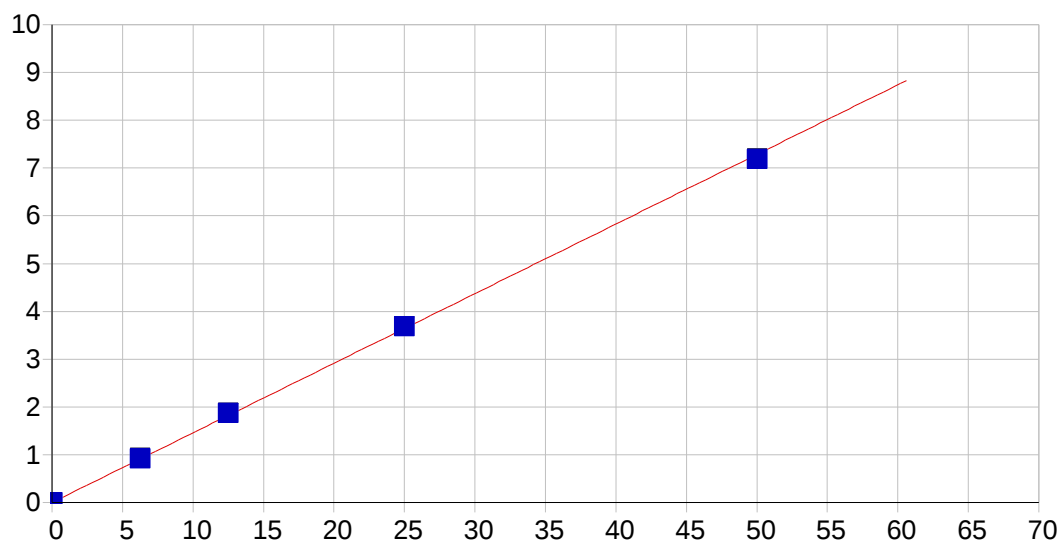
Std Error of Est: 0.000023

Predicted MDL: 0.003489

Predicted MQL: 0.011630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.00987	.000	-1.29	.00019	.000	1
S2	1.2500	1.1777	-.072	-5.78	.05986	.001	1
S3	2.5000	2.4271	-.073	-2.92	.12370	.001	1
S4	5.0000	4.9098	-.090	-1.80	.25055	.001	1
S5	10.000	10.236	.236	2.36	.52267	.002	1



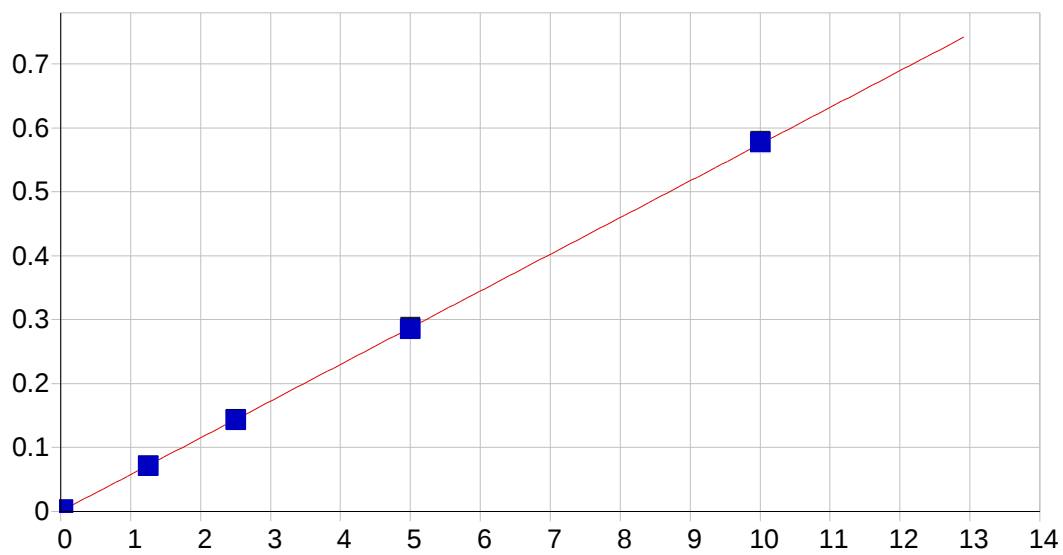


Pb 220.353 {453}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.145696 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.001516
 Predicted MQL: 0.005053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01000	.01182	.002	18.2	.00187	.000	1
S2	6.2500	6.3421	.092	1.47	.92444	.002	1
S3	12.500	12.826	.326	2.61	1.8694	.007	1
S4	25.000	25.281	.281	1.13	3.6846	.006	1
S5	50.000	49.299	-.701	-1.40	7.1849	.010	1

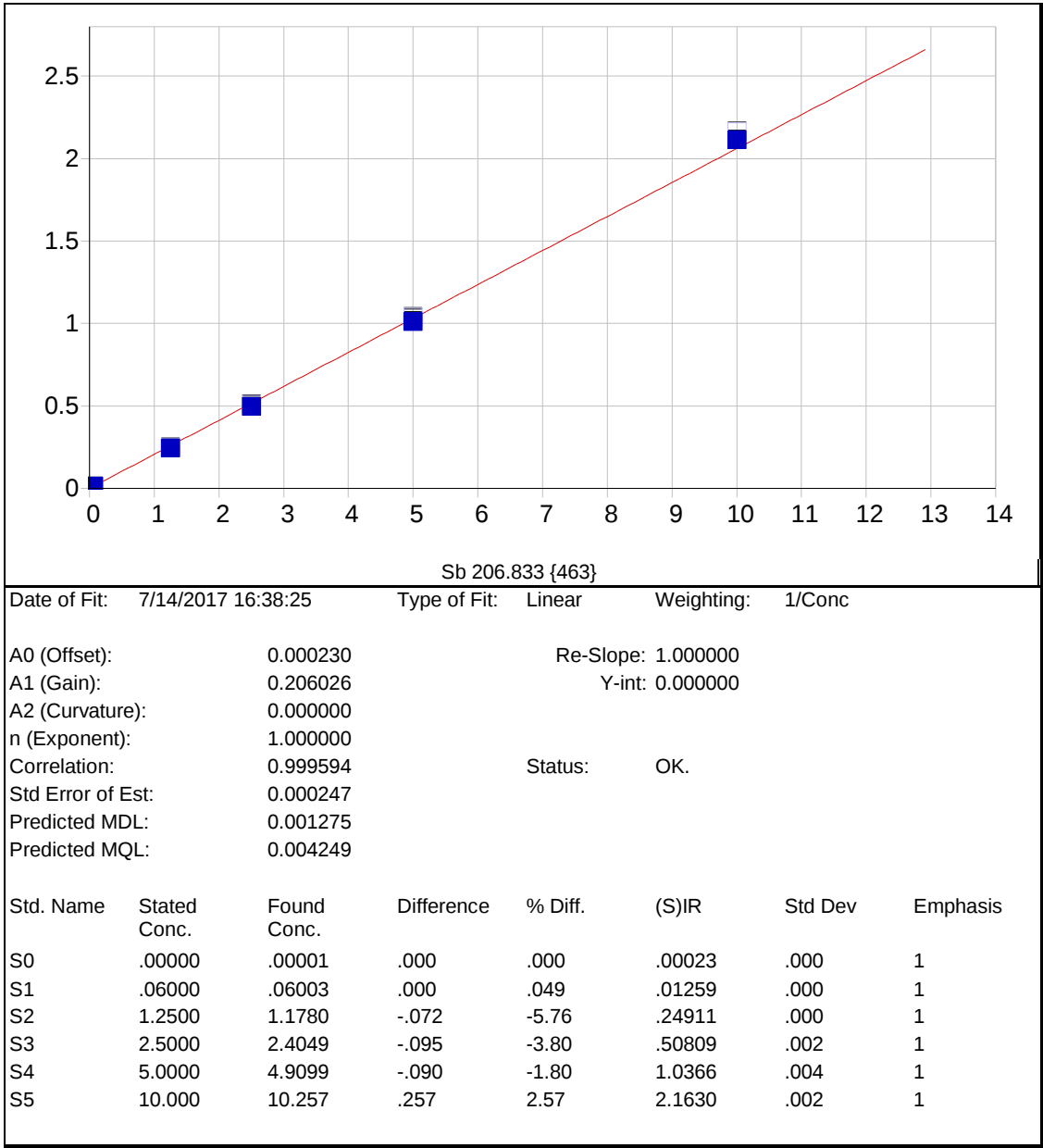


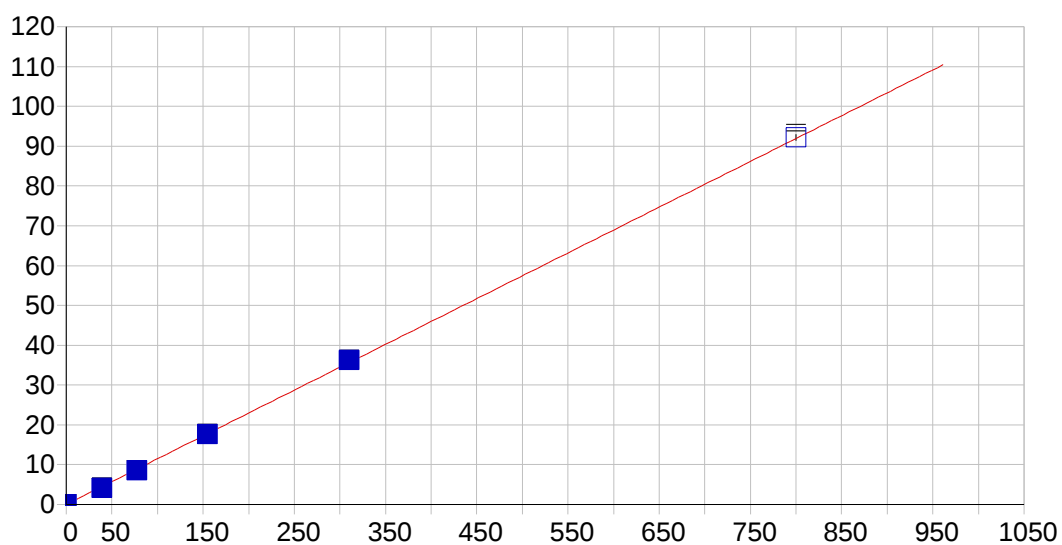
Se 196.090 {472}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000405 Re-Slope: 1.000000
 A1 (Gain): 0.057418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003336
 Predicted MQL: 0.011121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.03500	.03588	.001	2.53	.00246	.000	1
S2	1.2500	1.2331	-.017	-1.35	.07094	.000	1
S3	2.5000	2.4880	-.012	-.480	.14273	.001	1
S4	5.0000	4.9724	-.028	-.552	.28485	.002	1
S5	10.000	10.056	.056	.556	.57565	.002	1



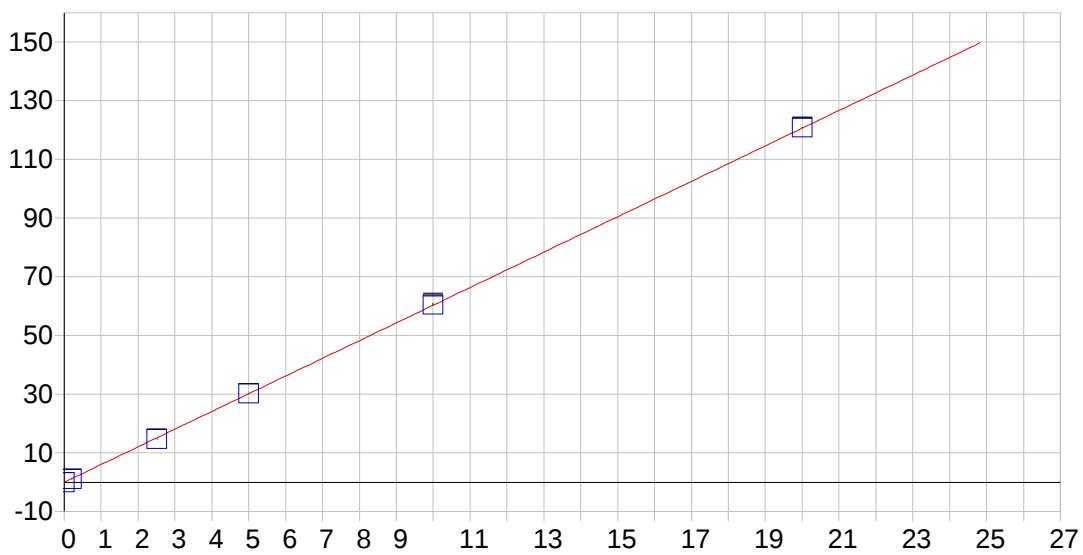


AI 396.152 { 85}

Date of Fit: 7/14/2017 16:42:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000743 Re-Slope: 1.000000
 A1 (Gain): 0.114883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.001284
 Predicted MDL: 0.005411
 Predicted MQL: 0.018035

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00075	.000	1
S1	.20000	.19119	-.009	-4.40	.02275	.000	1
S2	38.750	36.203	-2.55	-6.57	4.1652	.005	1
S3	77.500	74.081	-3.42	-4.41	8.5220	.006	1
S4	155.00	153.35	-1.65	-1.07	17.639	.047	1
S5	310.00	315.73	5.73	1.85	36.315	.084	1
S6	800.00	801.90	1.90	.238	92.125	.804	1

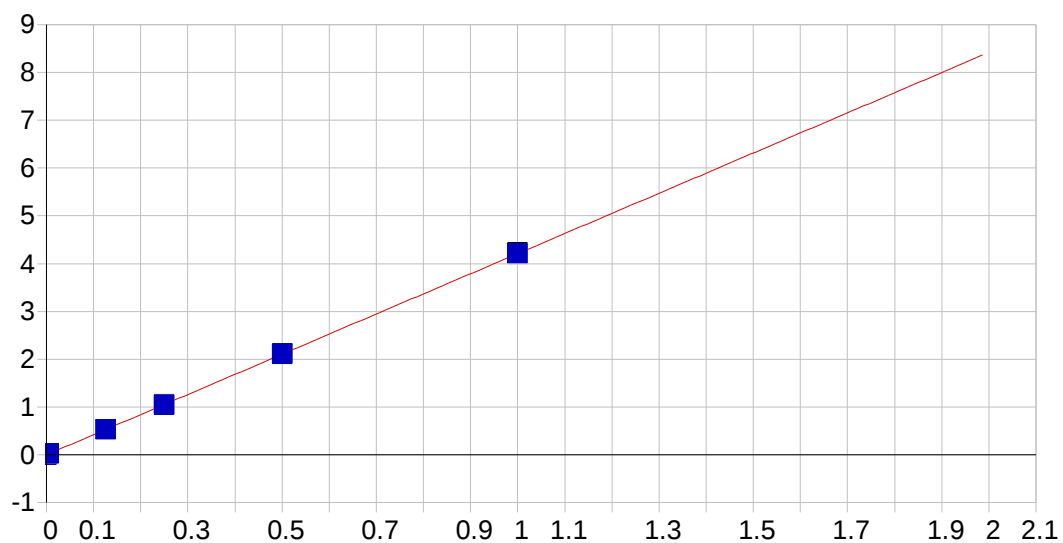


Ba 493.409 { 68}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.024192 Re-Slope: 1.000000
 A1 (Gain): 6.034246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.007603
 Predicted MDL: 0.000238
 Predicted MQL: 0.000794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.02401	.001	1
S1	.20000	.17416	-.026	-12.9	1.0267	.005	1
S2	2.5000	2.4355	-.065	-2.58	14.672	.039	1
S3	5.0000	5.0065	.006	.129	30.186	.051	1
S4	10.000	10.046	.046	.457	60.594	.498	1
S5	20.000	20.038	.038	.191	120.89	.184	1



Be 234.861 {144}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002332

Re-Slope: 1.000000

A1 (Gain): 4.210679

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999995

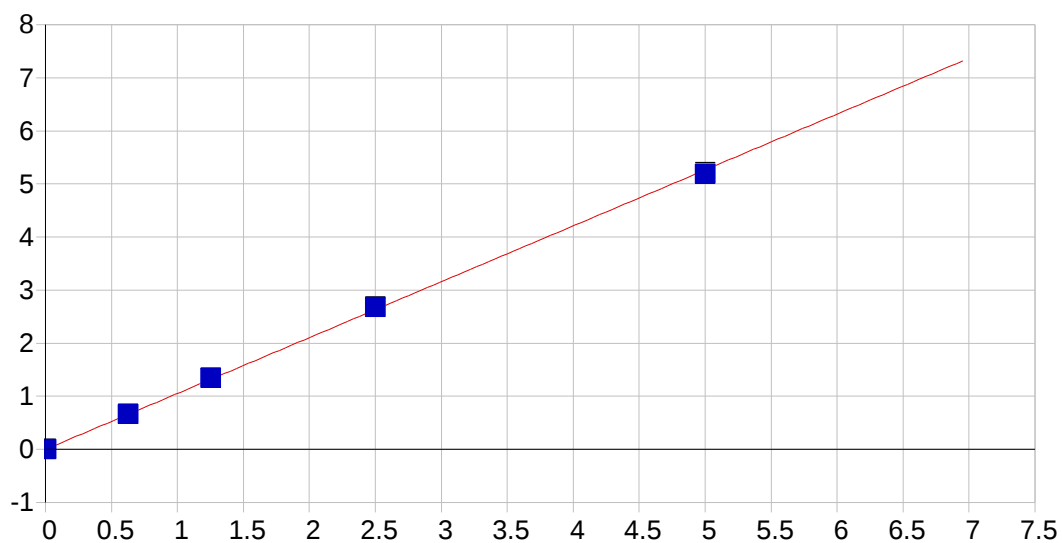
Status: OK.

Std Error of Est: 0.000049

Predicted MDL: 0.000077

Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00233	.000	1
S1	.00500	.00477	.000	-4.64	.01773	.000	1
S2	.12500	.12483	.000	-.137	.52151	.001	1
S3	.25000	.24908	-.001	-.369	1.0429	.005	1
S4	.50000	.50133	.001	.267	2.1016	.004	1
S5	1.0000	.99999	.000	-.001	4.1942	.024	1



Cd 214.438 {457}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000080

Re-Slope: 1.000000

A1 (Gain): 1.052713

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999886

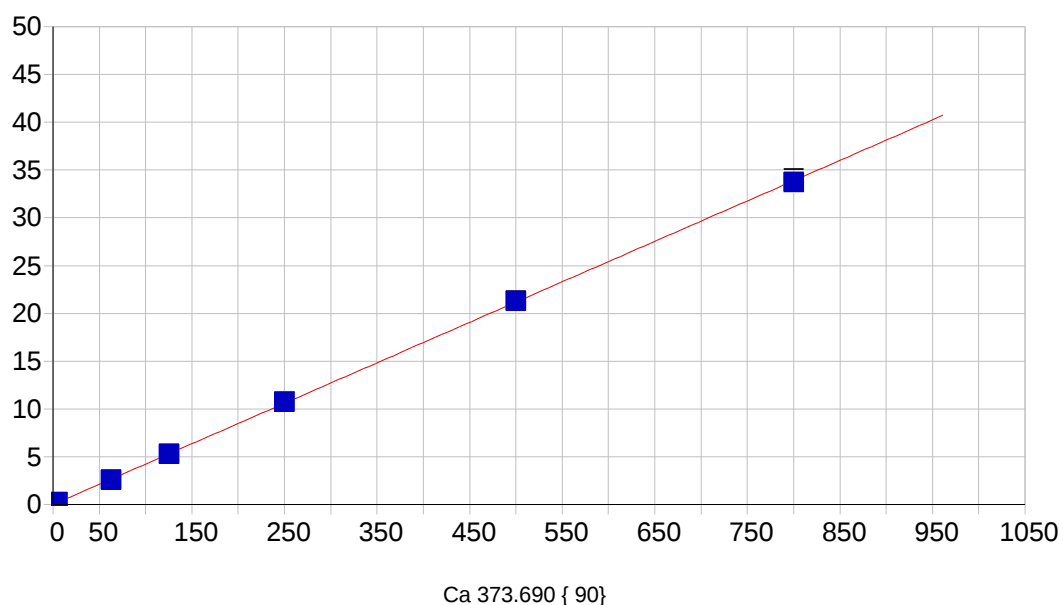
Status: OK.

Std Error of Est: 0.000133

Predicted MDL: 0.000133

Predicted MQL: 0.000445

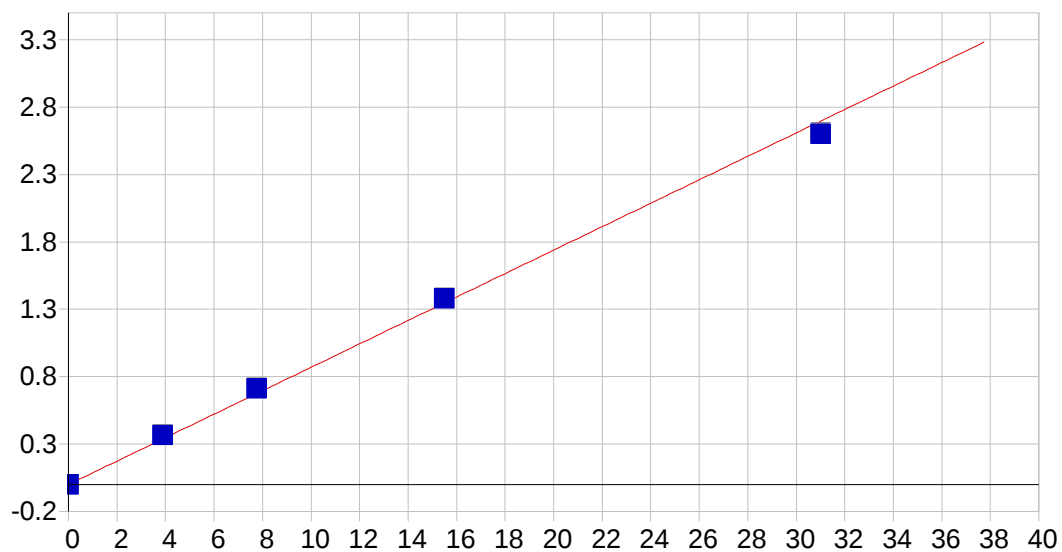
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.00500	.00530	.000	5.97	.00566	.000	1
S2	.62500	.62557	.001	.091	.65978	.001	1
S3	1.2500	1.2745	.025	1.96	1.3441	.004	1
S4	2.5000	2.5424	.042	1.70	2.6811	.005	1
S5	5.0000	4.9322	-.068	-1.36	5.2015	.015	1



Date of Fit: 7/14/2017 16:42:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001019 Re-Slope: 1.000000
 A1 (Gain): 0.042362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.001199
 Predicted MDL: 0.012269
 Predicted MQL: 0.040898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	.00103	.000	1
S1	5.0000	4.8467	-.153	-3.07	.20633	.001	1
S2	62.500	61.159	-1.34	-2.15	2.5886	.018	1
S3	125.00	124.19	-.811	-.649	5.2555	.033	1
S4	250.00	253.29	3.29	1.31	10.718	.038	1
S5	500.00	502.75	2.75	.550	21.273	.038	1
S6	800.00	796.27	-3.73	-.467	33.664	.380	1

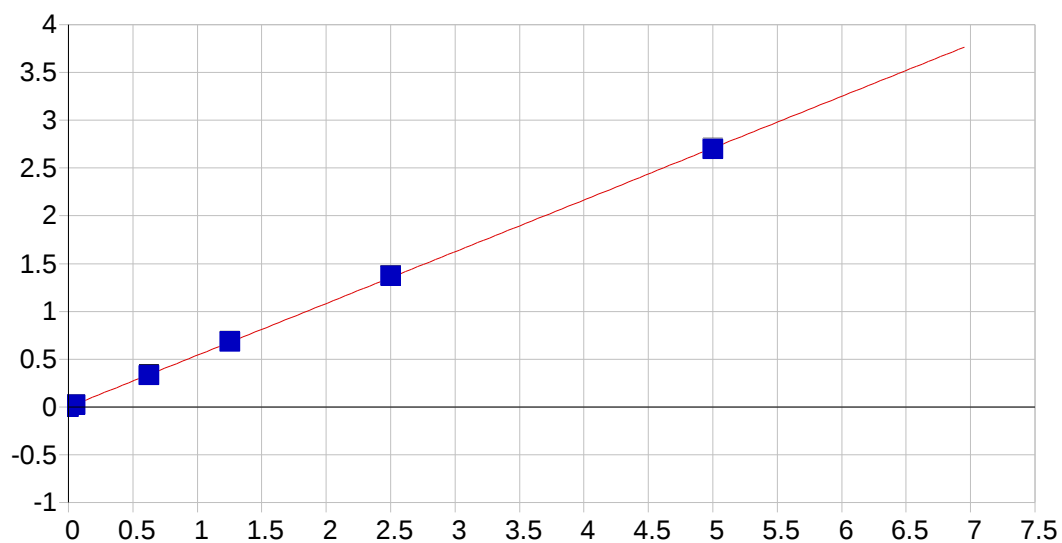


Cr 267.716 {126}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.086964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999183 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000533
 Predicted MQL: 0.001778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01233	.002	23.3	.00109	.000	1
S2	3.8750	4.1967	.322	8.30	.36584	.001	1
S3	7.7500	8.1695	.419	5.41	.71220	.002	1
S4	15.500	15.842	.342	2.21	1.3812	.002	1
S5	31.000	29.914	-1.09	-3.50	2.6084	.002	1



Co 228.616 {448}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000377

Re-Slope: 1.000000

A1 (Gain): 0.541703

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999915

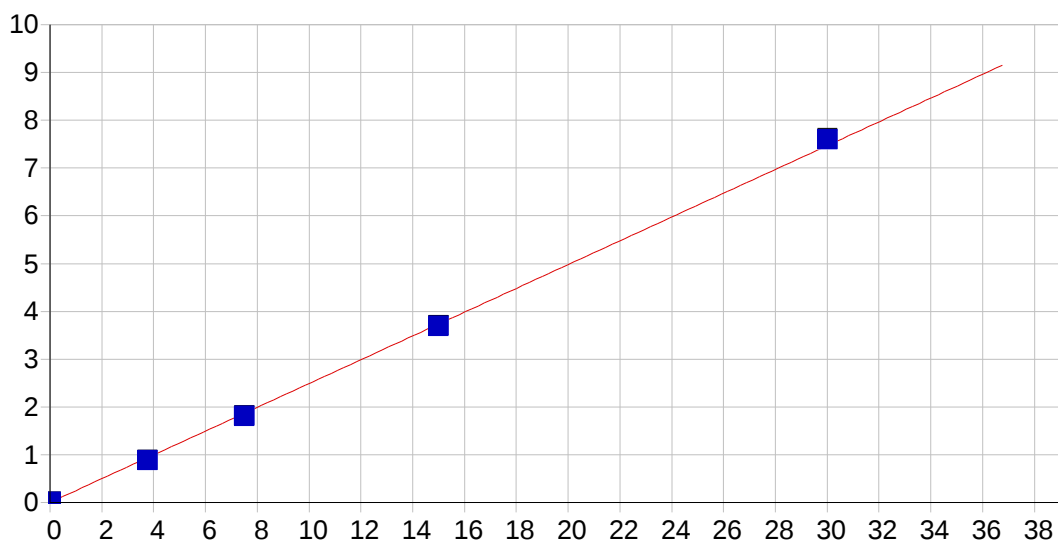
Status: OK.

Std Error of Est: 0.000188

Predicted MDL: 0.000249

Predicted MQL: 0.000831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00037	.000	1
S1	.05000	.04312	-.007	-13.8	.02308	.000	1
S2	.62500	.61645	-.009	-1.37	.33426	.001	1
S3	1.2500	1.2583	.008	.664	.68266	.002	1
S4	2.5000	2.5306	.031	1.22	1.3733	.001	1
S5	5.0000	4.9766	-.023	-.468	2.7011	.008	1



Cu 324.754 {104}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001189

Re-Slope: 1.000000

A1 (Gain): 0.248912

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999755

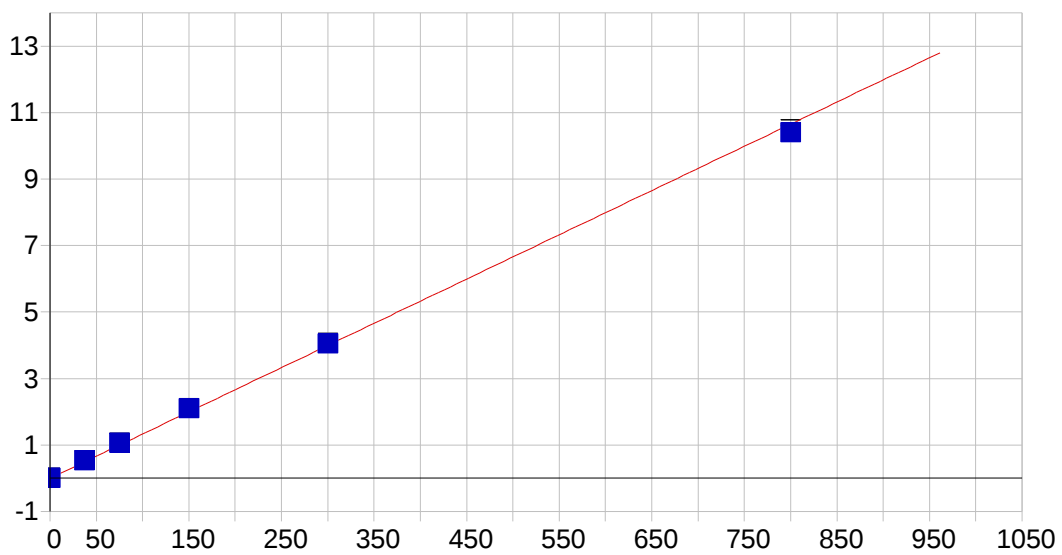
Status: OK.

Std Error of Est: 0.000252

Predicted MDL: 0.001353

Predicted MQL: 0.004509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00119	.000	1
S1	.02500	.02505	.000	.196	.00738	.000	1
S2	3.7500	3.5618	-.188	-5.02	.88509	.001	1
S3	7.5000	7.2797	-.220	-2.94	1.8079	.005	1
S4	15.000	14.857	-.143	-.953	3.6886	.007	1
S5	30.000	30.551	.551	1.84	7.5845	.012	1

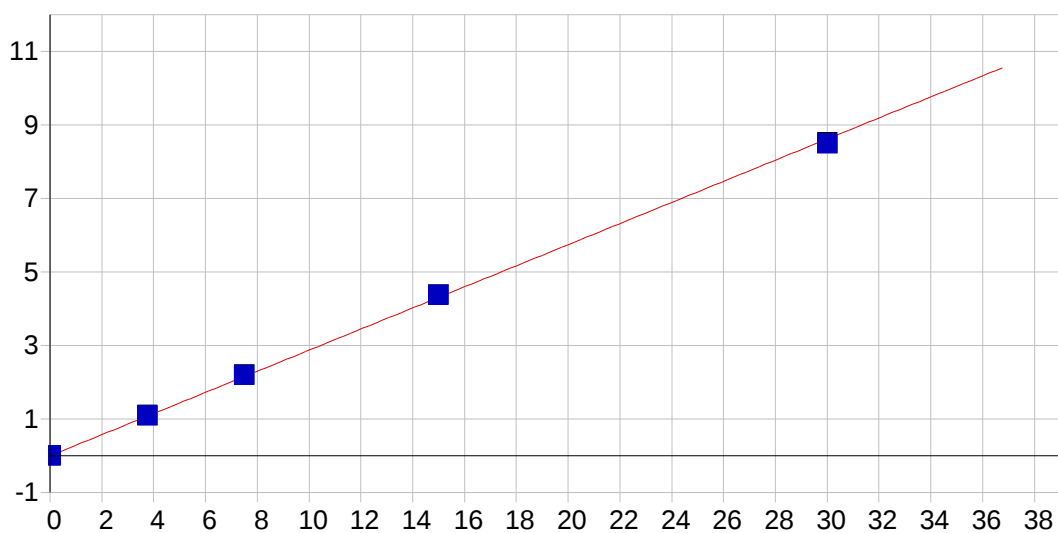


Fe 259.837 {130}

Date of Fit: 7/14/2017 16:42:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.013314 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999517 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.012600
 Predicted MQL: 0.042000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00007	.000	1
S1	.10000	.11961	.020	19.6	.00167	.000	1
S2	37.500	39.698	2.20	5.86	.52920	.002	1
S3	75.000	79.392	4.39	5.86	1.0583	.004	1
S4	150.00	157.73	7.73	5.16	2.1025	.004	1
S5	300.00	304.75	4.75	1.58	4.0623	.007	1
S6	800.00	780.89	-19.1	-2.39	10.402	.084	1

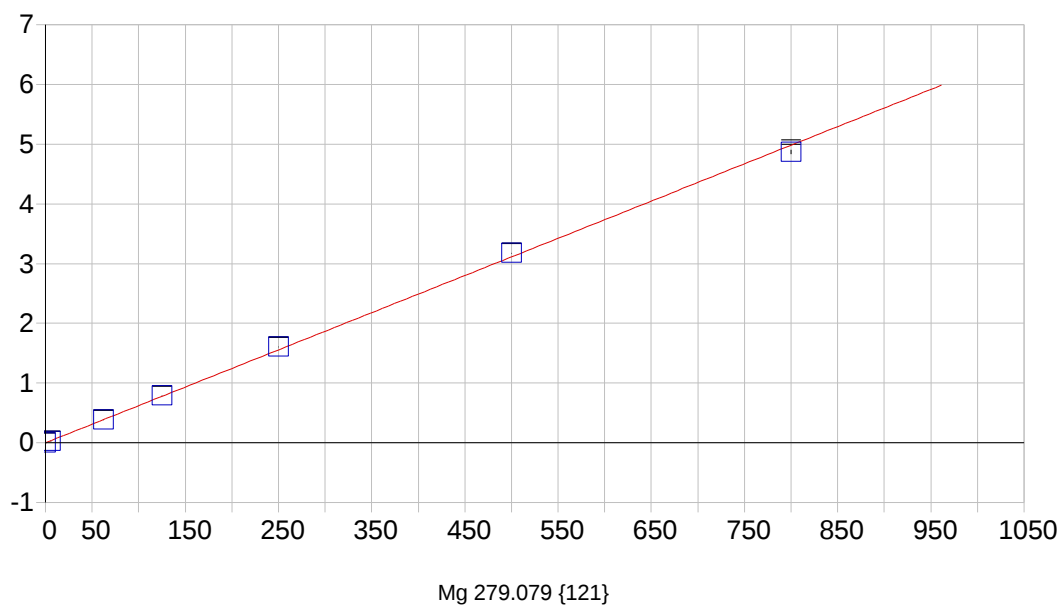


Mn 257.610 {131}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.287189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.000650
 Predicted MQL: 0.002166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01611	.001	7.40	.00457	.000	1
S2	3.7500	3.8136	.064	1.70	1.0954	.006	1
S3	7.5000	7.6587	.159	2.12	2.1999	.013	1
S4	15.000	15.229	.229	1.52	4.3743	.009	1
S5	30.000	29.548	-.452	-1.51	8.4877	.032	1



Date of Fit: 7/14/2017 16:42:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000001

Re-Slope: 1.000000

A1 (Gain): 0.006227

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999735

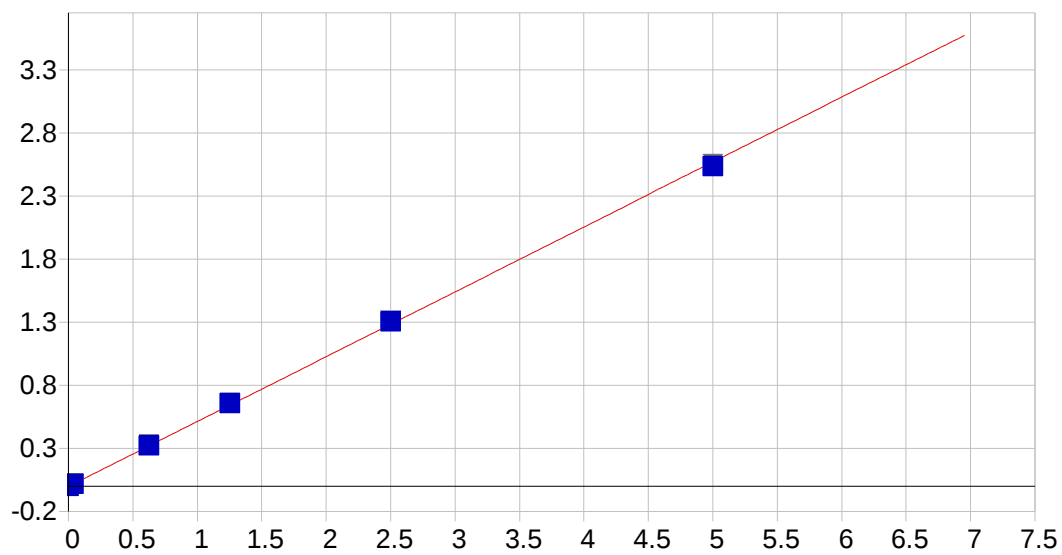
Status: OK.

Std Error of Est: 0.000501

Predicted MDL: 0.031041

Predicted MQL: 0.103469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00000	.000	1
S1	5.0000	4.8516	-.148	-2.97	.03021	.000	1
S2	62.500	61.513	-.987	-1.58	.38301	.001	1
S3	125.00	126.54	1.54	1.23	.78788	.003	1
S4	250.00	257.99	7.99	3.20	1.6064	.003	1
S5	500.00	510.08	10.1	2.02	3.1761	.007	1
S6	800.00	781.53	-18.5	-2.31	4.8662	.035	1

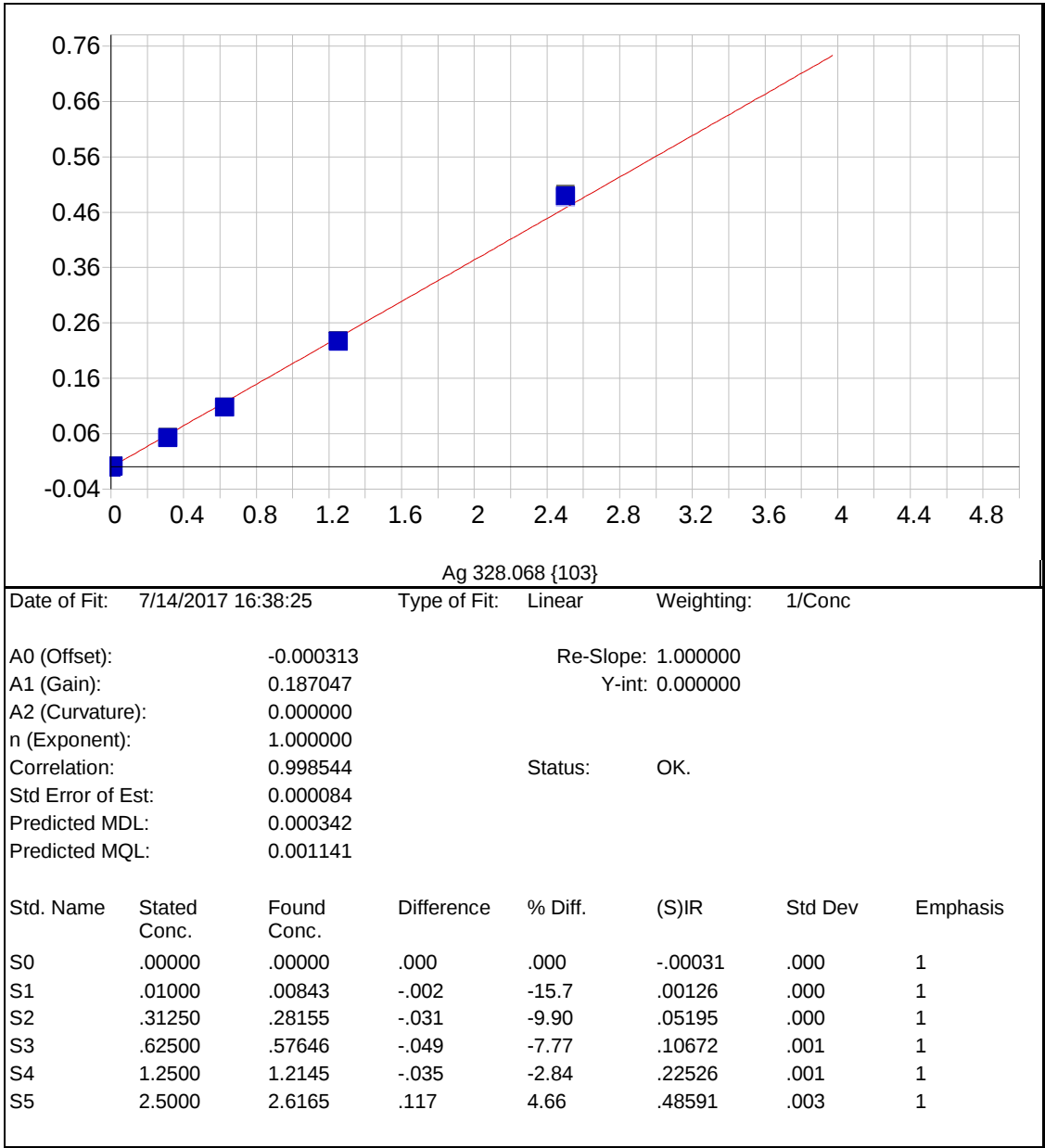


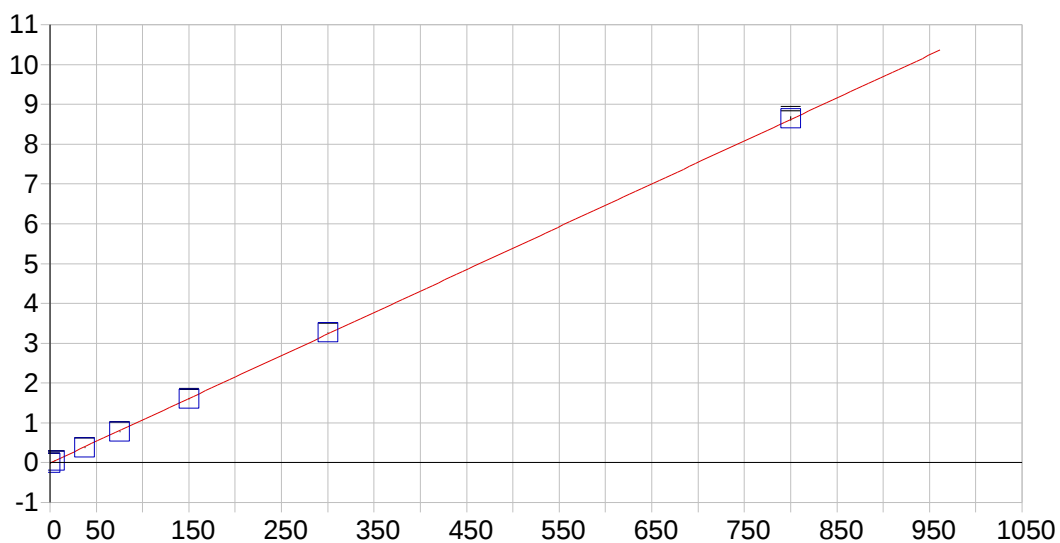
Ni 231.604 {446}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000934 Re-Slope: 1.000000
 A1 (Gain): 0.513966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.000346
 Predicted MQL: 0.001153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.04000	.03584	-.004	-10.4	.01751	.000	1
S2	.62500	.63096	.006	.954	.32505	.001	1
S3	1.2500	1.2771	.027	2.17	.65885	.002	1
S4	2.5000	2.5415	.042	1.66	1.3121	.001	1
S5	5.0000	4.9295	-.070	-1.41	2.5462	.005	1





Na 818.326 { 41}

Date of Fit: 7/14/2017 16:42:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004354

Re-Slope: 1.000000

A1 (Gain): 0.010780

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999906

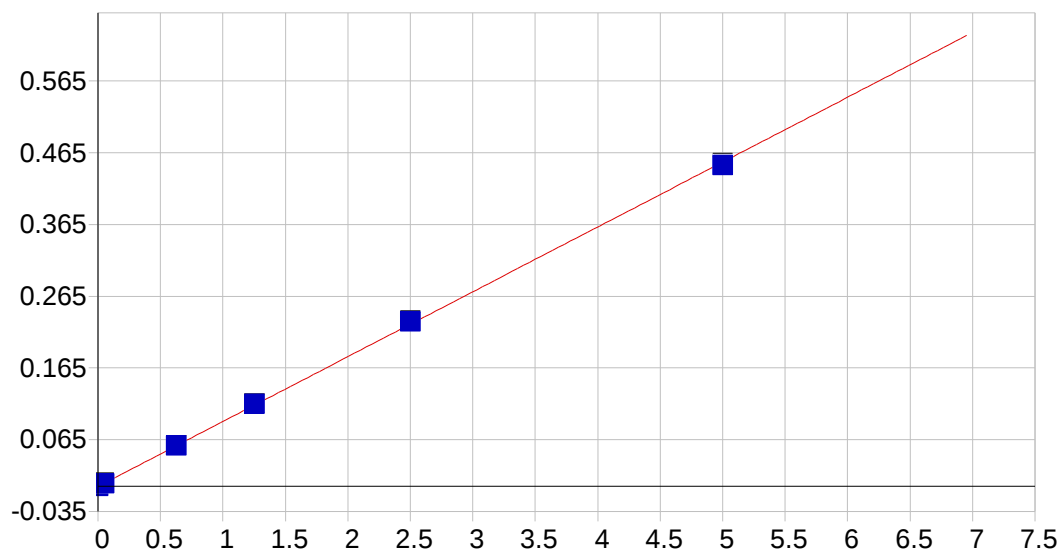
Status: OK.

Std Error of Est: 0.000458

Predicted MDL: 0.108762

Predicted MQL: 0.362541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00071	.001	.000	-.00435	.000	1
S1	5.0000	4.6814	-.319	-6.37	.04611	.001	1
S2	37.500	35.371	-2.13	-5.68	.37693	.002	1
S3	75.000	72.766	-2.23	-2.98	.78005	.003	1
S4	150.00	149.03	-.968	-.645	1.6022	.009	1
S5	300.00	303.34	3.34	1.11	3.2656	.003	1
S6	800.00	802.31	2.31	.288	8.6443	.058	1



V 292.402 {115}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000013

Re-Slope: 1.000000

A1 (Gain): 0.090395

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999920

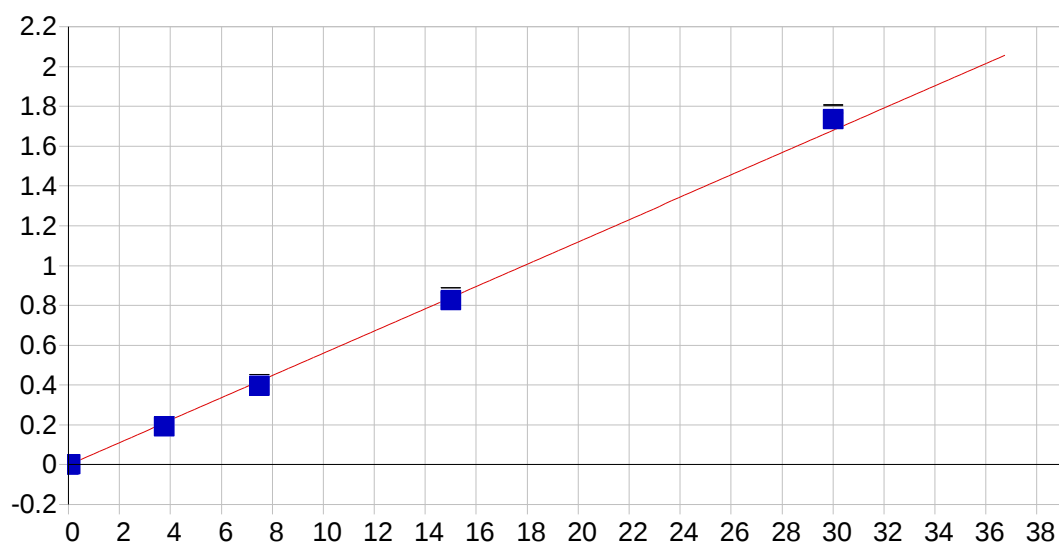
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.002755

Predicted MQL: 0.009185

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.05000	.04675	-.003	-6.49	.00425	.000	1
S2	.62500	.62707	.002	.332	.05693	.000	1
S3	1.2500	1.2671	.017	1.37	.11502	.000	1
S4	2.5000	2.5364	.036	1.46	.23022	.001	1
S5	5.0000	4.9477	-.052	-1.05	.44913	.002	1

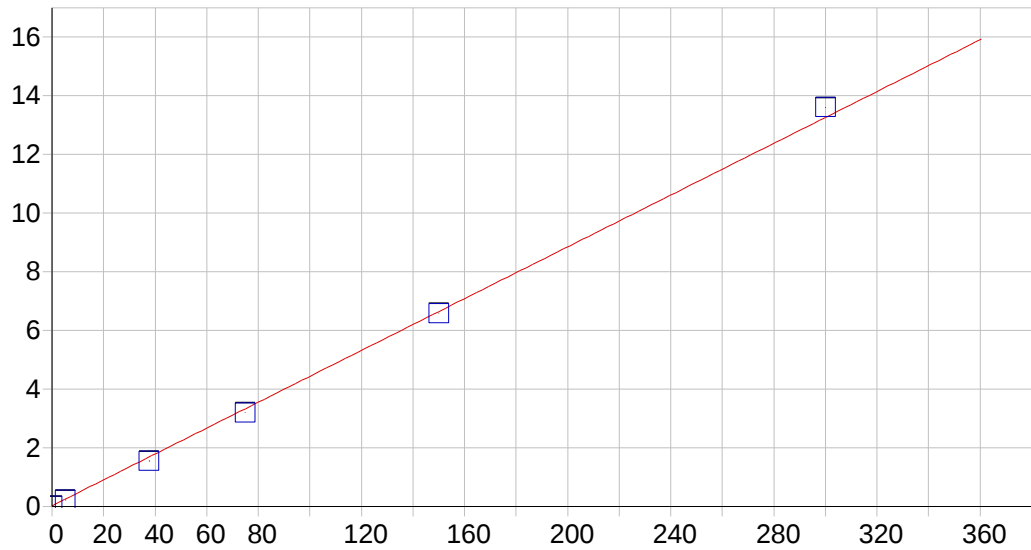


Zn 213.856 {158}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000684 Re-Slope: 1.000000
 A1 (Gain): 0.055991 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999204 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.010455
 Predicted MQL: 0.034851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00068	.000	1
S1	.06000	.04375	-.016	-27.1	.00178	.000	1
S2	3.7500	3.4309	-.319	-8.51	.19192	.000	1
S3	7.5000	7.0919	-.408	-5.44	.39741	.006	1
S4	15.000	14.756	-.244	-1.62	.82756	.012	1
S5	30.000	30.987	.987	3.29	1.7384	.020	1



K 769.896 { 44}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.025039

Re-Slope: 1.000000

A1 (Gain): 0.044132

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999464

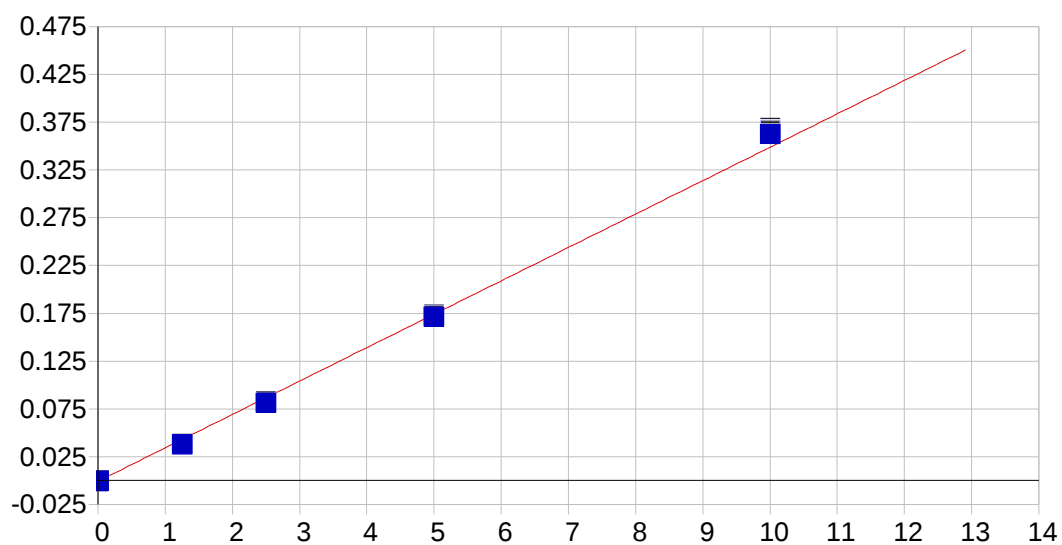
Status: OK.

Std Error of Est: 0.002980

Predicted MDL: 0.025687

Predicted MQL: 0.085624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00101	.001	.000	.02508	.000	1
S1	5.0000	4.4881	-.512	-10.2	.22311	.001	1
S2	37.500	34.620	-2.88	-7.68	1.5529	.002	1
S3	75.000	71.968	-3.03	-4.04	3.2011	.008	1
S4	150.00	148.67	-1.33	-.889	6.5860	.011	1
S5	300.00	307.76	7.76	2.59	13.607	.017	1



P 177.495 {490}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000699

Re-Slope: 1.000000

A1 (Gain): 0.034955

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998782

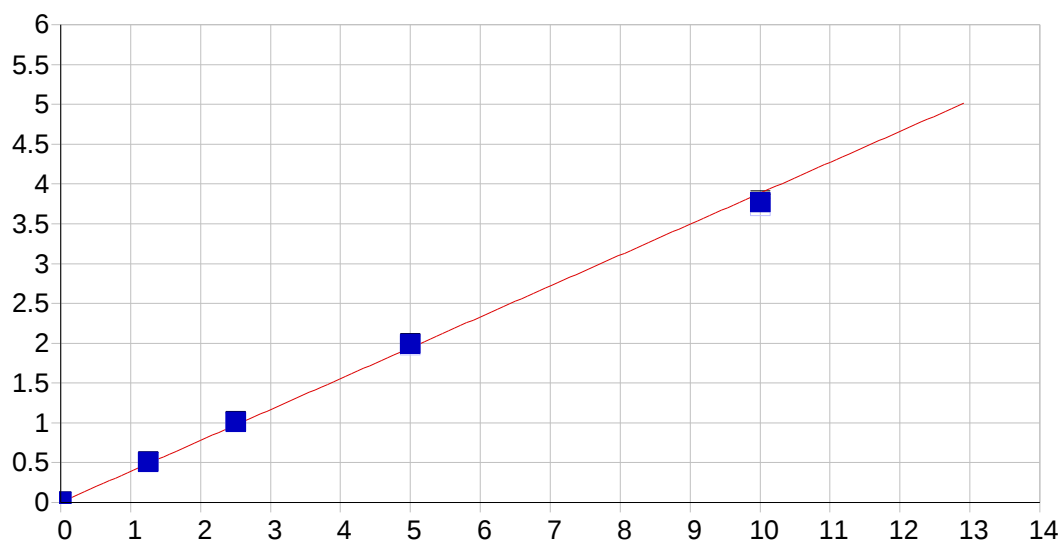
Status: OK.

Std Error of Est: 0.000029

Predicted MDL: 0.002607

Predicted MQL: 0.008690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00070	.000	1
S1	.01000	.01138	.001	13.8	-.00029	.000	1
S2	1.2500	1.0921	-.158	-12.6	.03804	.000	1
S3	2.5000	2.3415	-.159	-6.34	.08228	.001	1
S4	5.0000	4.9208	-.079	-1.58	.17357	.000	1
S5	10.000	10.394	.394	3.94	.36715	.001	1

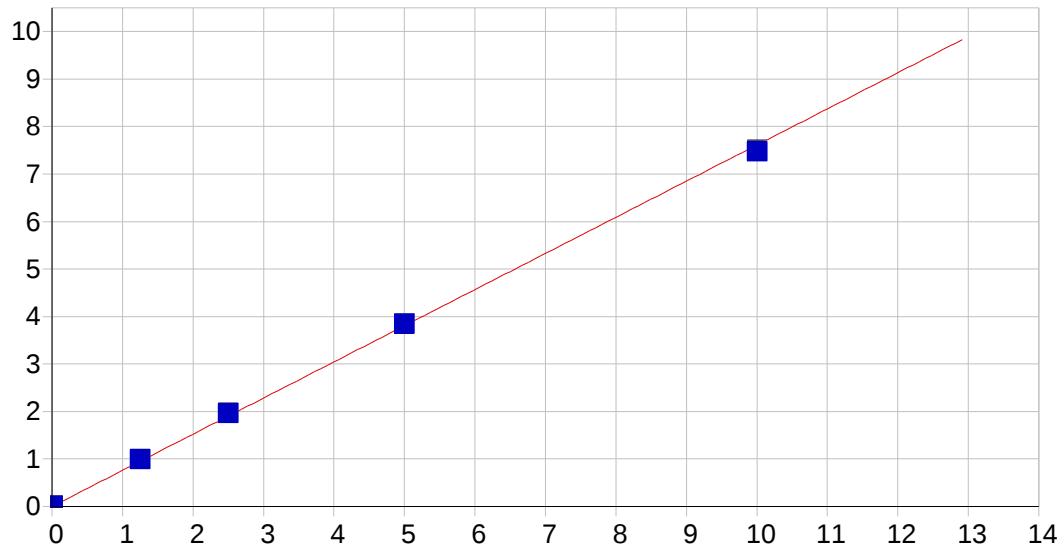


B 249.678 {135}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003157 Re-Slope: 1.000000
 A1 (Gain): 0.388036 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999471 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.000870
 Predicted MQL: 0.002899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00316	.000	1
S1	.01000	.00837	-.002	-16.3	.00642	.000	1
S2	1.2500	1.3064	.056	4.51	.50403	.001	1
S3	2.5000	2.6087	.109	4.35	1.0033	.003	1
S4	5.0000	5.1285	.129	2.57	1.9689	.007	1
S5	10.000	9.7080	-.292	-2.92	3.7216	.021	1

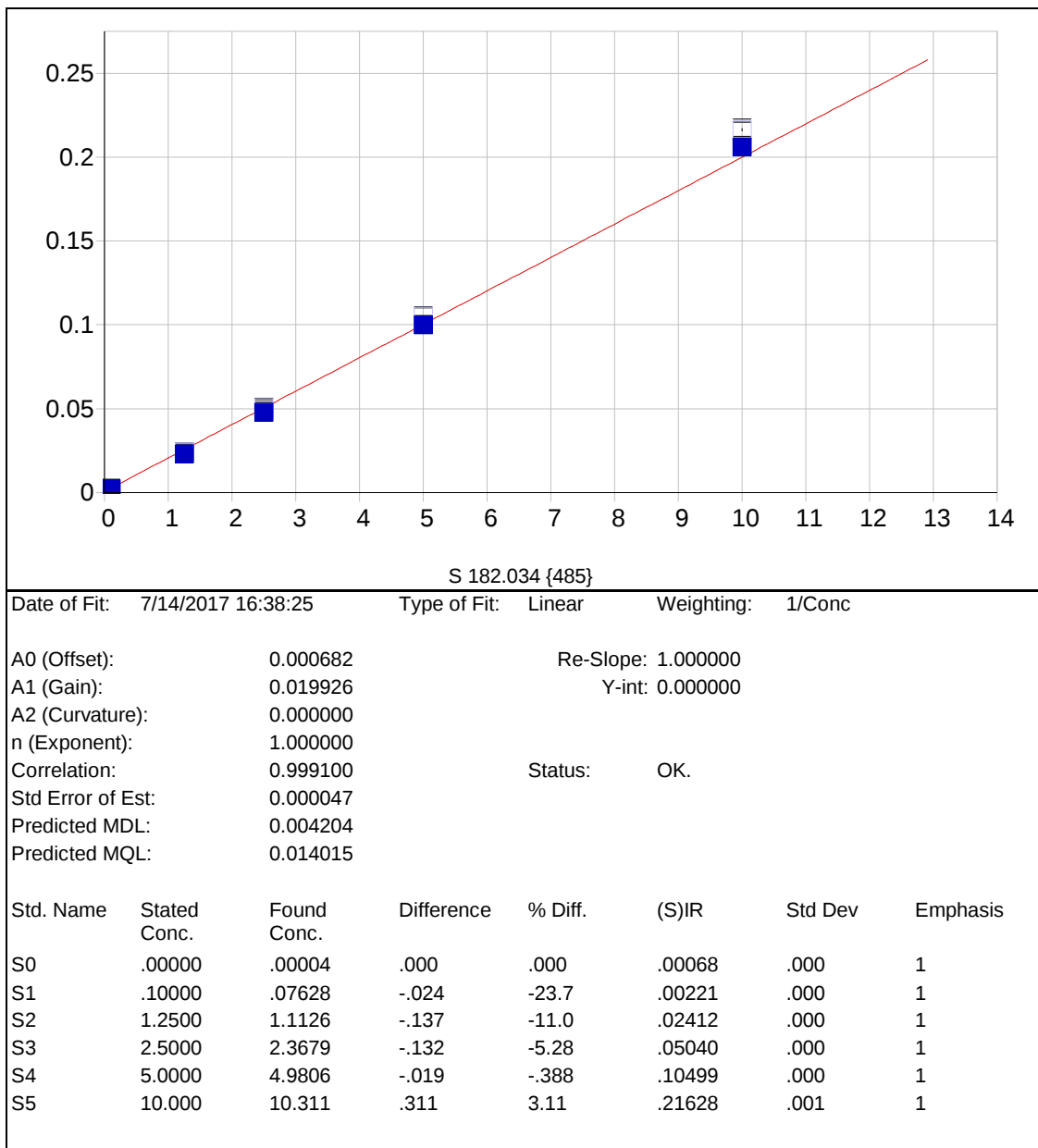


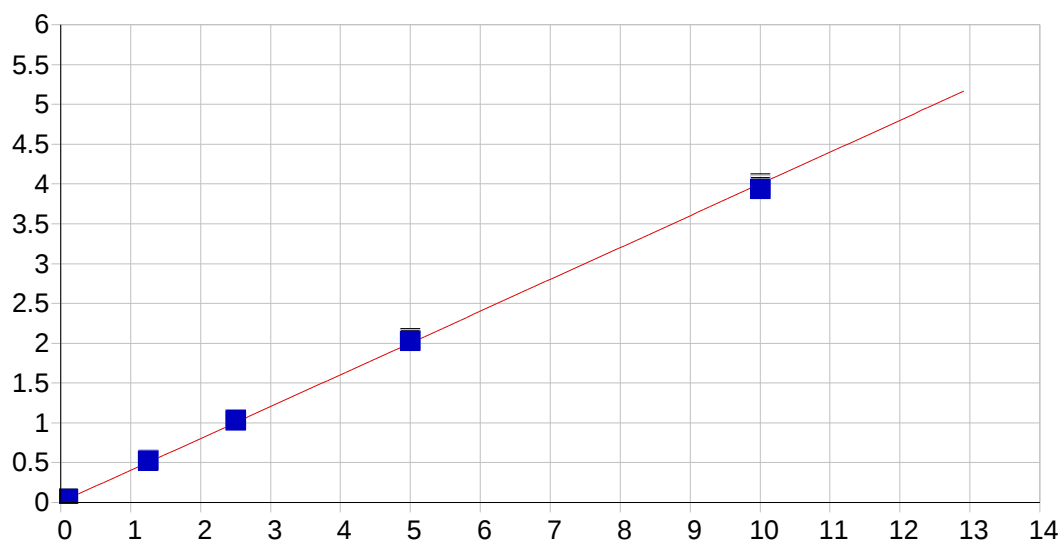
Mo 202.030 {467}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000372 Re-Slope: 1.000000
 A1 (Gain): 0.761179 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999763 Status: OK.
 Std Error of Est: 0.000278
 Predicted MDL: 0.000318
 Predicted MQL: 0.001058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.01000	.01106	.001	10.6	.00881	.000	1
S2	1.2500	1.3035	.053	4.28	.99340	.002	1
S3	2.5000	2.5827	.083	3.31	1.9680	.001	1
S4	5.0000	5.0458	.046	.916	3.8446	.006	1
S5	10.000	9.8170	-.183	-1.83	7.4798	.023	1



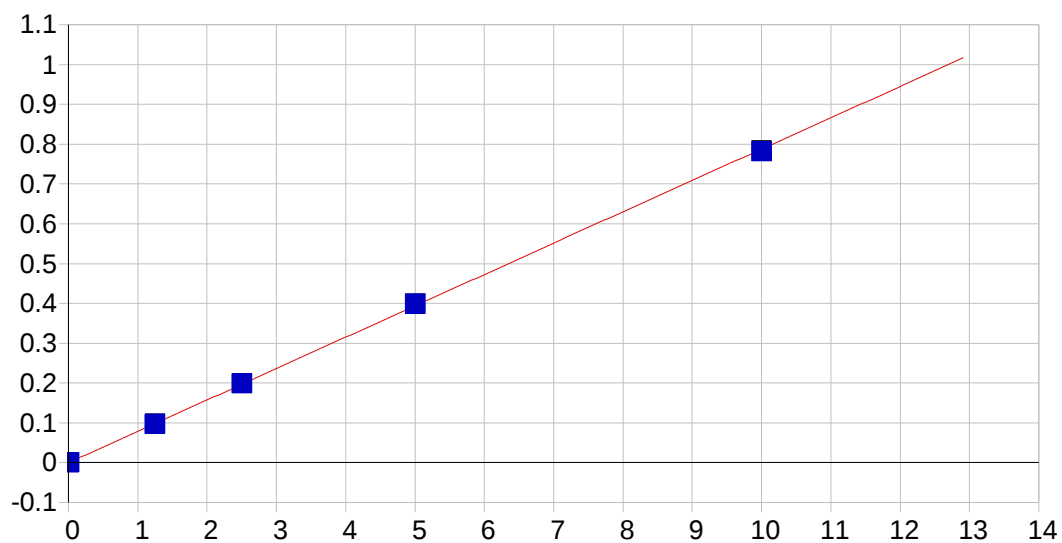


Si 251.611 {134}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004654 Re-Slope: 1.000000
 A1 (Gain): 0.399571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000410
 Predicted MDL: 0.000881
 Predicted MQL: 0.002935

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00465	.000	1
S1	.10000	.09826	-.002	-1.74	.04406	.001	1
S2	1.2500	1.3008	.051	4.06	.53030	.001	1
S3	2.5000	2.5606	.061	2.42	1.0395	.002	1
S4	5.0000	5.0575	.058	1.15	2.0490	.008	1
S5	10.000	9.8328	-.167	-1.67	3.9806	.023	1



Sn 189.989 {478}

Date of Fit: 7/14/2017 16:38:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000050

Re-Slope: 1.000000

A1 (Gain): 0.078753

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

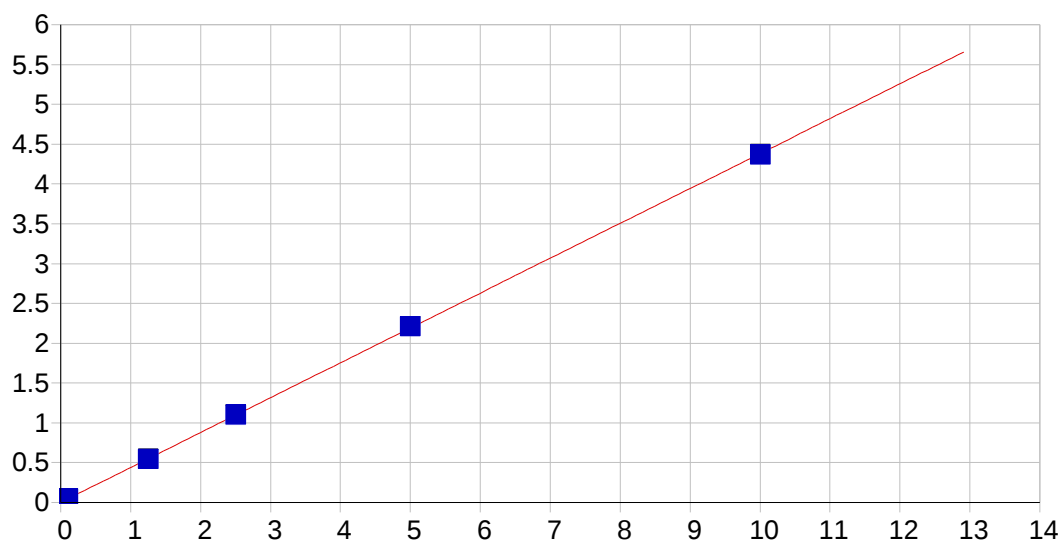
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.001196

Predicted MQL: 0.003987

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00700	.00759	.001	8.37	.00064	.000	1
S2	1.2500	1.2317	-.018	-1.46	.09697	.000	1
S3	2.5000	2.5239	.024	.954	.19866	.001	1
S4	5.0000	5.0634	.063	1.27	.39850	.001	1
S5	10.000	9.9304	-.070	-.696	.78148	.001	1

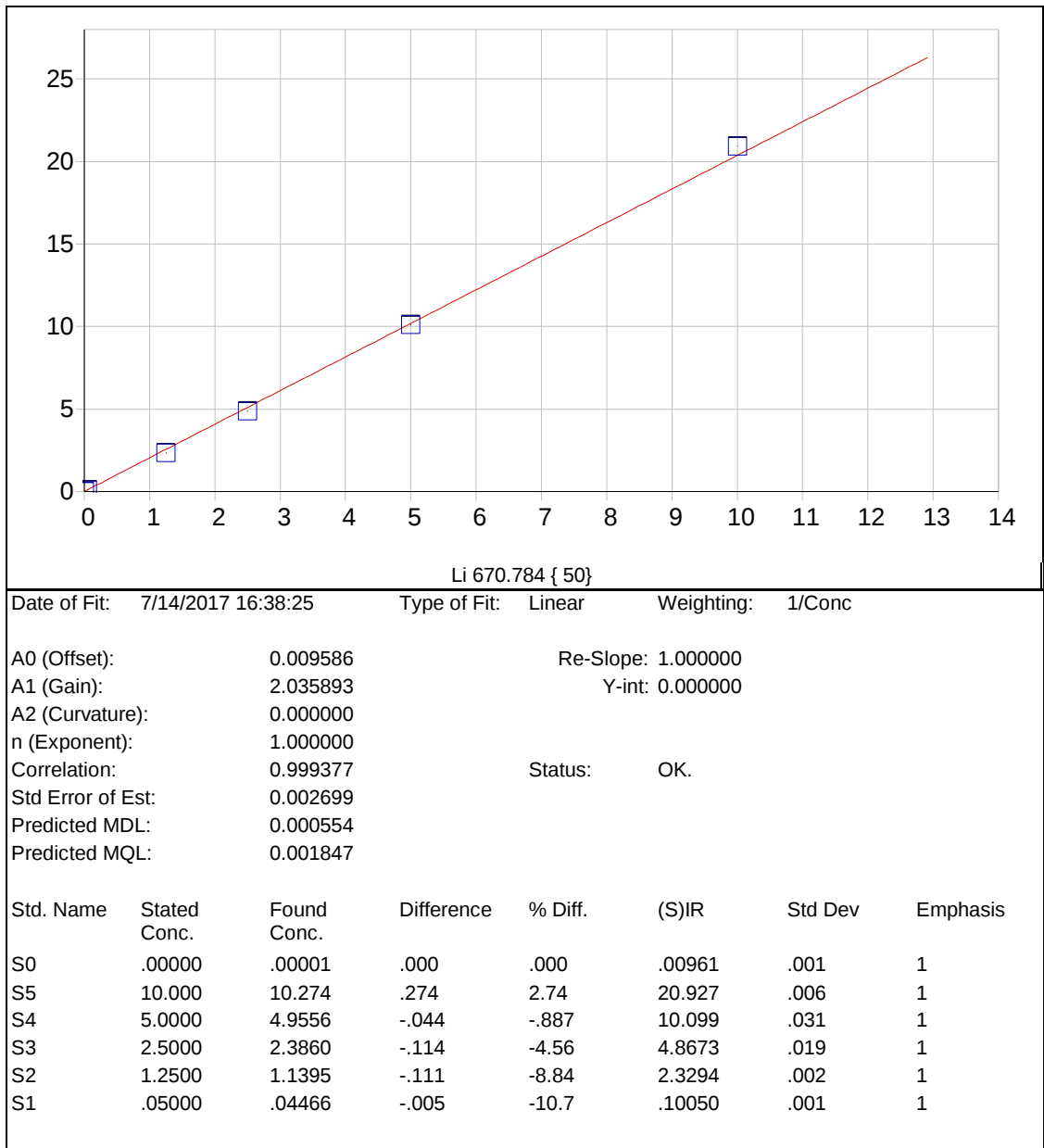


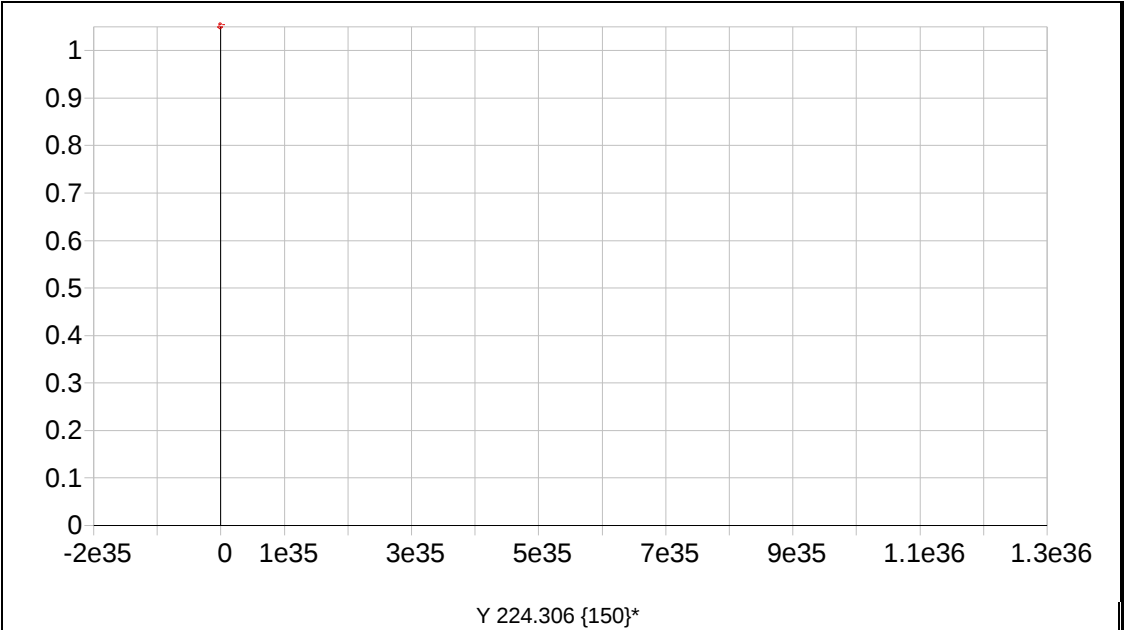
Ti 336.121 {100}

Date of Fit: 7/14/2017 16:38:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002114 Re-Slope: 1.000000
 A1 (Gain): 0.437951 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.000857
 Predicted MQL: 0.002857

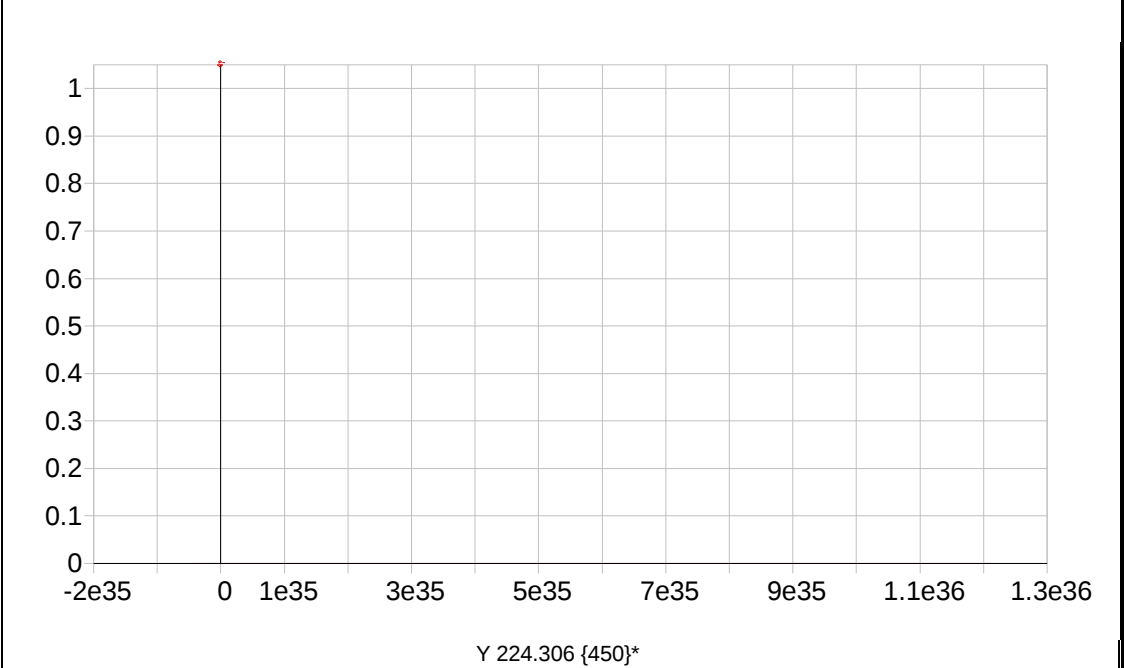
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00212	.000	1
S1	.10000	.09843	-.002	-1.57	.04521	.000	1
S2	1.2500	1.2412	-.009	-.700	.54553	.001	1
S3	2.5000	2.5044	.004	.177	1.0986	.002	1
S4	5.0000	5.0392	.039	.785	2.2083	.005	1
S5	10.000	9.9667	-.033	-.333	4.3655	.004	1



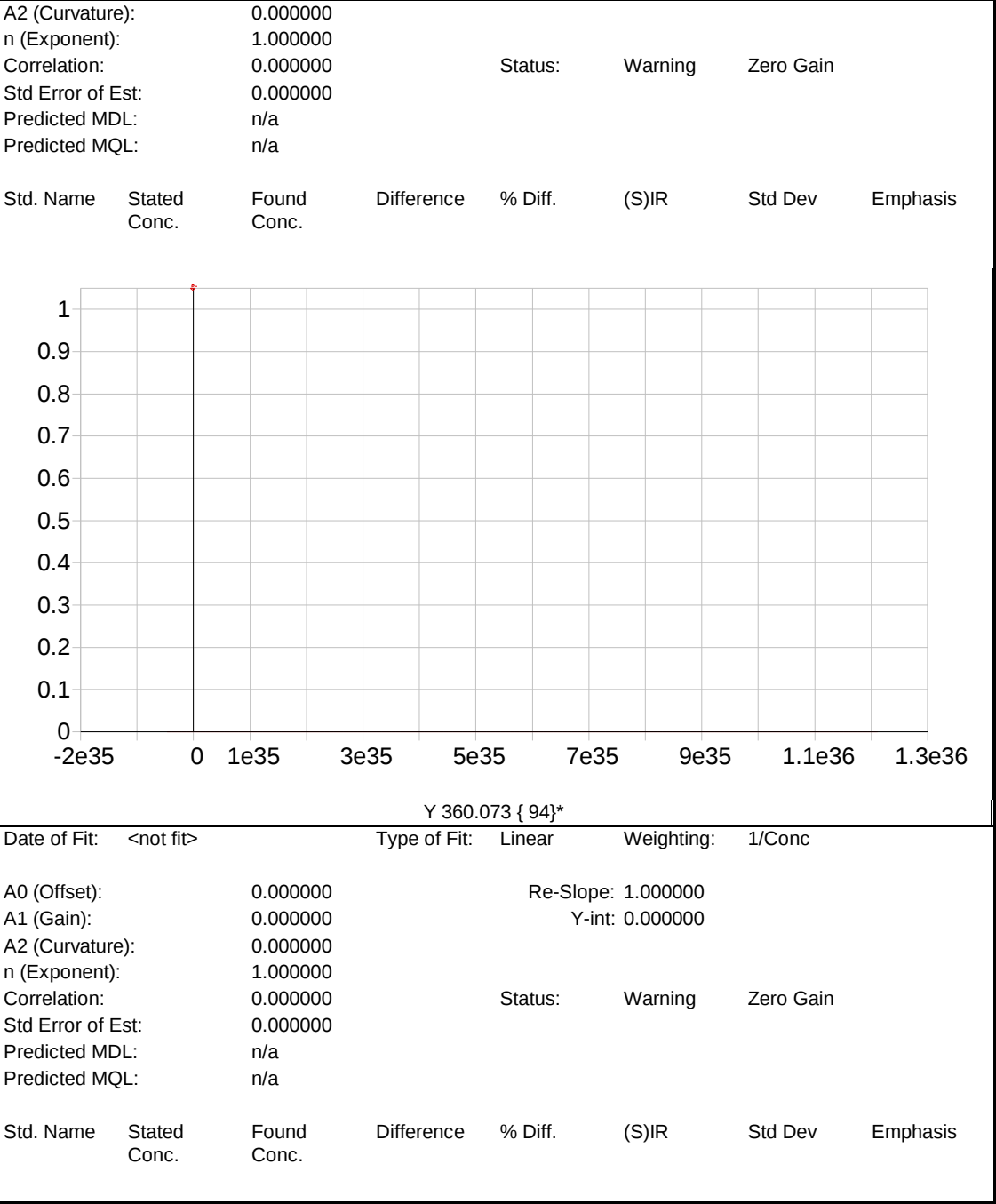


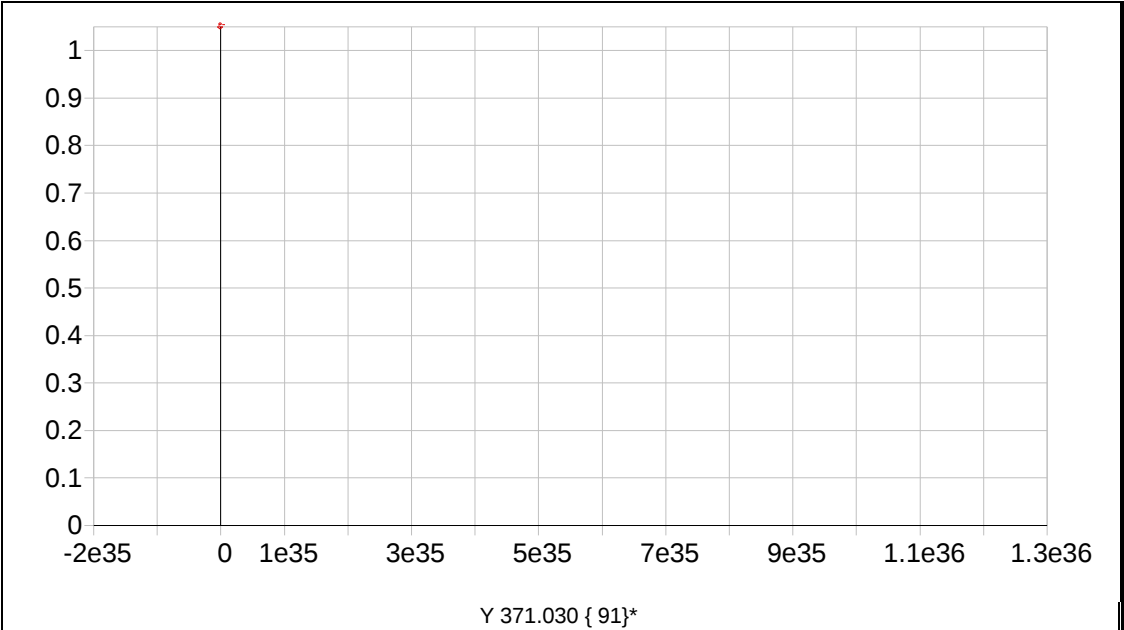
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



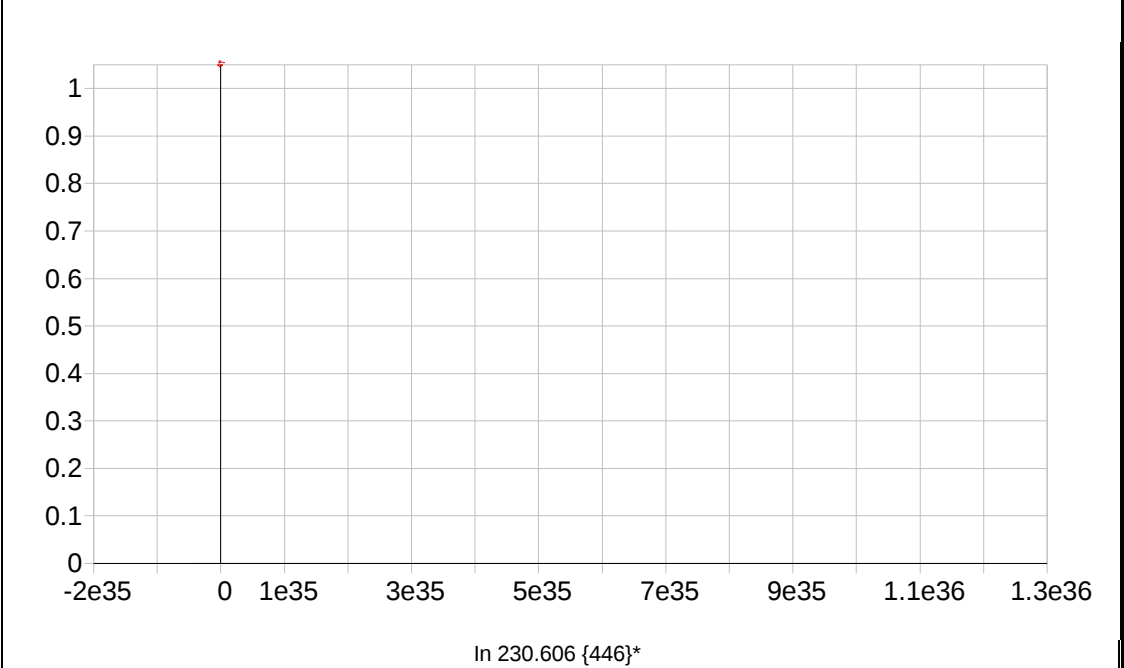
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



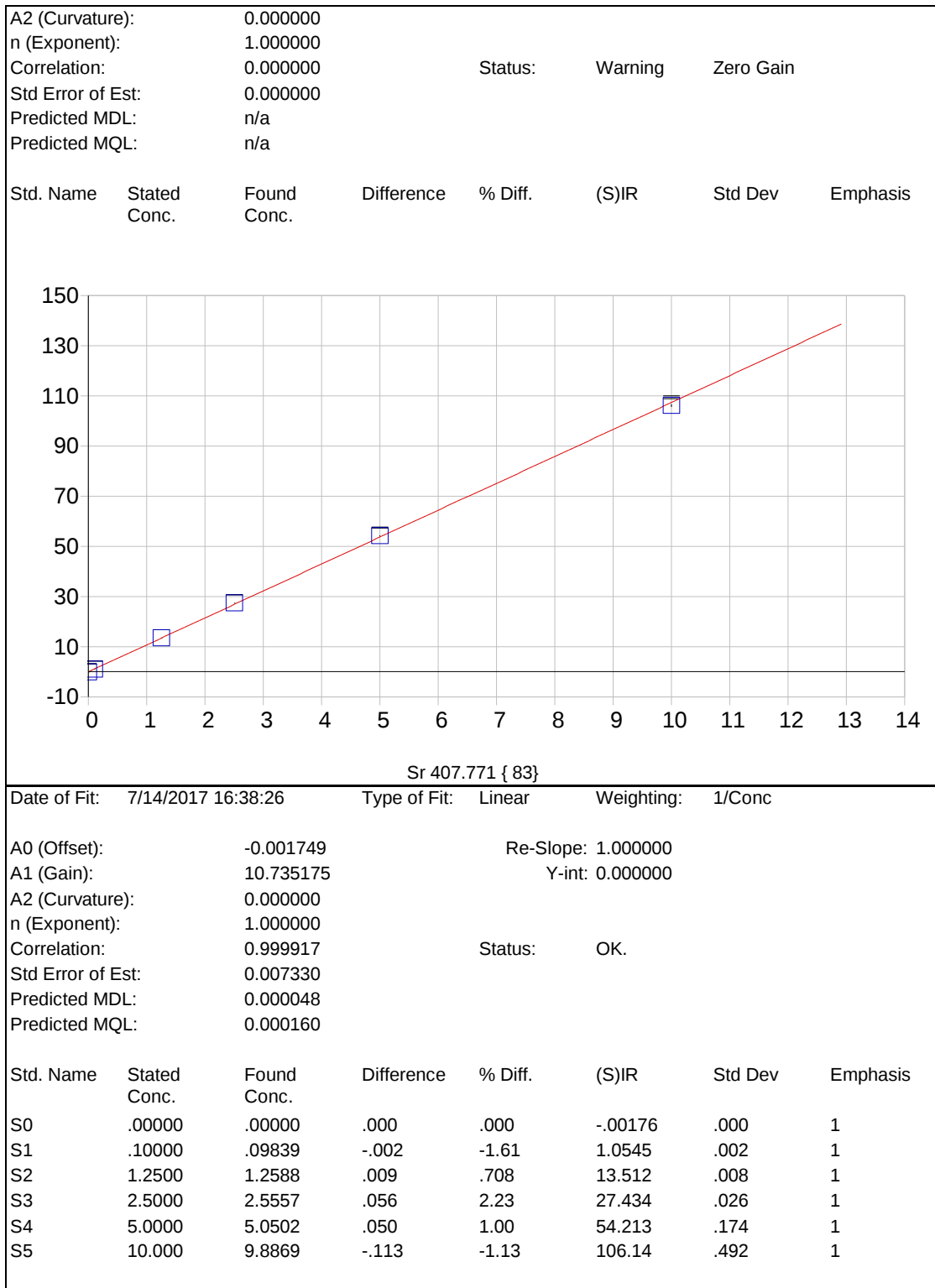


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



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



Sample Name: S0 Acquired: 7/14/2017 16:14:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	-.00031	-.00025	.00015	.00040	.00023	.00075	-.02401	-.00233
Stddev	.00011	.00007	.00007	.00018	.00014	.00031	.00071	.00029
%RSD	35.094	27.439	43.897	44.365	58.826	41.935	2.9758	12.468

#1	-.00024	-.00017	.00020	.00025	.00038	.00098	-.02463	-.00258
#2	-.00025	-.00027	.00008	.00036	.00011	.00039	-.02418	-.00240
#3	-.00044	-.00030	.00017	.00060	.00020	.00086	-.02323	-.00201

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	.00103	.00001	-.00037	.00119	.00007	-.00006	.00000
Stddev	.00013	.00045	.00003	.00002	.00014	.00010	.00014	.00016
%RSD	168.56	43.754	437.69	4.7139	11.770	141.40	218.74	11105.

#1	.00013	.00062	.00004	-.00039	.00111	.00002	-.00012	-.00015
#2	.00018	.00151	.00001	-.00037	.00110	.00018	.00010	.00016
#3	-.00007	.00096	-.00003	-.00036	.00135	.00000	-.00017	-.00001

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	-.00093	-.00031	-.00435	.00001	-.00068	.02508	-.00070	.00316
Stddev	.00016	.00003	.00041	.00008	.00026	.00021	.00004	.00009
%RSD	17.567	10.417	9.4142	652.68	37.909	.82372	6.0180	3.0009

#1	-.00083	-.00034	-.00479	.00007	-.00039	.02523	-.00075	.00317
#2	-.00085	-.00028	-.00426	.00005	-.00081	.02485	-.00067	.00306
#3	-.00112	-.00032	-.00399	-.00008	-.00085	.02517	-.00068	.00325

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	.00037	.00068	.00465	.00005	.00212	.00961	-.00176	
Stddev	.00011	.00005	.00013	.00007	.00027	.00079	.00039	
%RSD	28.650	7.3011	2.7389	148.80	12.718	8.2439	22.004	

#1	.00048	.00065	.00454	-.00003	.00190	.00992	-.00148	
#2	.00037	.00066	.00479	.00012	.00242	.01020	-.00220	
#3	.00026	.00074	.00462	.00005	.00203	.00871	-.00160	

Sample Name: S0 Acquired: 7/14/2017 16:14:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	1327.9	1904.0	55316.	6259.0	3776.9
Stddev	10.7	8.1	239.	20.2	11.4
%RSD	.80920	.42605	.43170	.32303	.30254
#1	1319.8	1896.7	55140.	6239.8	3766.1
#2	1323.9	1902.4	55222.	6280.1	3775.9
#3	1340.1	1912.7	55588.	6257.2	3788.9

Sample Name: S1 Acquired: 7/14/2017 16:18:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.00019	.00136	.00187	.00246	.01259	.02275	1.0267	.01773
Stddev	.00005	.00007	.00005	.00011	.00010	.00025	.0050	.00012
%RSD	26.541	5.5223	2.7203	4.3373	.77450	1.1181	.48180	.67965

#1	.00022	.00141	.00193	.00237	.01249	.02296	1.0246	.01760
#2	.00022	.00127	.00185	.00258	.01268	.02247	1.0232	.01777
#3	.00013	.00138	.00183	.00245	.01261	.02282	1.0324	.01783

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	.00566	.20633	.00109	.02308	.00738	.00167	.00457	.03021
Stddev	.00010	.00092	.00005	.00021	.00014	.00001	.00027	.00014
%RSD	1.6962	.44628	4.2349	.90258	1.8975	.79962	5.9147	.47837

#1	.00574	.20739	.00114	.02284	.00730	.00167	.00456	.03016
#2	.00555	.20573	.00107	.02317	.00731	.00165	.00430	.03037
#3	.00569	.20587	.00106	.02323	.00754	.00168	.00484	.03010

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	.01751	.00126	.04611	.00425	.00178	.22311	-.00029	.00642
Stddev	.00014	.00006	.00085	.00017	.00020	.00059	.00012	.00024
%RSD	.78410	4.4584	1.8540	3.9242	11.301	.26309	42.367	3.6787

#1	.01736	.00128	.04685	.00409	.00201	.22266	-.00041	.00616
#2	.01761	.00131	.04517	.00443	.00164	.22289	-.00016	.00663
#3	.01757	.00120	.04631	.00423	.00168	.22377	-.00031	.00646

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	.00881	.00221	.04406	.00064	.04521	.10050	1.0545	
Stddev	.00010	.00009	.00062	.00002	.00031	.00146	.0023	
%RSD	1.0861	3.9748	1.3977	3.1605	.68426	1.4491	.21600	

#1	.00887	.00230	.04370	.00066	.04545	.09896	1.0556	
#2	.00870	.00220	.04477	.00062	.04486	.10186	1.0519	
#3	.00885	.00212	.04372	.00064	.04532	.10068	1.0561	

Sample Name: S1 Acquired: 7/14/2017 16:18:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	1328.4	1886.6	54885.	6343.3	3662.5
Stddev	11.4	7.3	253.	13.6	9.9
%RSD	.85800	.38892	.46099	.21450	.26910
#1	1334.9	1880.9	55091.	6333.5	3653.8
#2	1315.2	1884.1	54603.	6337.7	3660.5
#3	1335.0	1894.9	54962.	6358.9	3673.2

Sample Name: S2 Acquired: 7/14/2017 16:22:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.05986	.07691	.92444	.07094	.24911	4.1652	14.672	.52151
Stddev	.00074	.00028	.00227	.00014	.00039	.0055	.039	.00084
%RSD	1.2379	.35917	.24562	.19318	.15650	.13111	.26738	.16186

#1	.05959	.07667	.92298	.07081	.24955	4.1592	14.636	.52133
#2	.05929	.07721	.92329	.07093	.24880	4.1699	14.667	.52243
#3	.06070	.07684	.92706	.07109	.24899	4.1664	14.714	.52077

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	.65978	2.5886	.36584	.33426	.88509	.52920	1.0954	.38301
Stddev	.00097	.0181	.00096	.00120	.00120	.00181	.0062	.00091
%RSD	.14697	.70106	.26187	.35976	.13512	.34175	.56481	.23838

#1	.65882	2.5764	.36691	.33366	.88565	.52833	1.0897	.38211
#2	.65975	2.5800	.36553	.33348	.88590	.52800	1.0945	.38299
#3	.66076	2.6095	.36507	.33565	.88372	.53128	1.1020	.38394

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	.32505	.05195	.37693	.05693	.19192	1.5529	.03804	.50403
Stddev	.00055	.00004	.00237	.00020	.00049	.0019	.00024	.00124
%RSD	.16812	.07527	.62944	.35278	.25455	.12132	.64339	.24550

#1	.32511	.05197	.37468	.05713	.19237	1.5520	.03787	.50412
#2	.32448	.05198	.37941	.05672	.19140	1.5550	.03794	.50522
#3	.32557	.05191	.37672	.05694	.19199	1.5516	.03832	.50275

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	.99340	.02412	.53030	.09697	.54553	2.3294	13.512	
Stddev	.00197	.00003	.00081	.00024	.00098	.0018	.008	
%RSD	.19842	.10385	.15329	.25183	.17947	.07841	.06204	

#1	.99467	.02410	.53057	.09677	.54464	2.3273	13.506	
#2	.99113	.02410	.52938	.09724	.54658	2.3308	13.522	
#3	.99440	.02415	.53094	.09690	.54538	2.3301	13.509	

Sample Name: S2 Acquired: 7/14/2017 16:22:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	1239.5	1727.7	51248.	6096.5	3064.3
Stddev	3.2	6.2	91.	6.8	7.9
%RSD	.26099	.35816	.17765	.11112	.25838
#1	1236.1	1730.1	51287.	6096.9	3070.0
#2	1242.5	1732.3	51145.	6089.5	3067.6
#3	1240.1	1720.6	51314.	6103.0	3055.3

Sample Name: S3 Acquired: 7/14/2017 16:26:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.12370	.15181	1.8694	.14273	.50809	8.5220	30.186	1.0429
Stddev	.00058	.00100	.0070	.00083	.00173	.0057	.051	.0048
%RSD	.46849	.65569	.37423	.57881	.34025	.06675	.17012	.46120

#1	.12429	.15206	1.8659	.14346	.51008	8.5253	30.222	1.0485
#2	.12367	.15071	1.8648	.14183	.50719	8.5154	30.127	1.0403
#3	.12313	.15265	1.8774	.14290	.50699	8.5253	30.208	1.0400

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	1.3441	5.2555	.71220	.68266	1.8079	1.0583	2.1999	.78788
Stddev	.0045	.0329	.00215	.00222	.0053	.0039	.0135	.00285
%RSD	.33325	.62553	.30215	.32580	.29056	.36791	.61225	.36142

#1	1.3410	5.2178	.71459	.68085	1.8139	1.0538	2.1844	.78462
#2	1.3420	5.2782	.71162	.68200	1.8045	1.0604	2.2071	.78987
#3	1.3492	5.2706	.71040	.68514	1.8051	1.0606	2.2082	.78914

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	.65885	.10672	.78005	.11502	.39741	3.2011	.08228	1.0033
Stddev	.00180	.00054	.00303	.00043	.00647	.0077	.00058	.0033
%RSD	.27258	.50817	.38847	.37402	1.6268	.24053	.70355	.32707

#1	.65721	.10726	.78272	.11454	.39011	3.2066	.08273	1.0011
#2	.65856	.10618	.78067	.11538	.39969	3.2044	.08162	1.0070
#3	.66077	.10671	.77676	.11514	.40243	3.1923	.08248	1.0017

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	1.9680	.05040	1.0395	.19866	1.0986	4.8673	27.434	
Stddev	.0014	.00046	.0016	.00066	.0018	.0194	.026	
%RSD	.07108	.92025	.15029	.33303	.15959	.39918	.09589	

#1	1.9688	.05049	1.0405	.19862	1.0968	4.8894	27.464	
#2	1.9664	.04989	1.0404	.19801	1.1003	4.8528	27.424	
#3	1.9688	.05081	1.0377	.19933	1.0986	4.8597	27.413	

Sample Name: S3 Acquired: 7/14/2017 16:26:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	1170.6	1645.2	49157.	5919.9	2810.6
Stddev	6.4	6.5	19.	3.6	6.2
%RSD	.54903	.39425	.03956	.06072	.22073
#1	1177.2	1637.7	49145.	5924.0	2804.3
#2	1170.0	1648.8	49180.	5917.3	2816.7
#3	1164.4	1649.1	49147.	5918.3	2810.6

Sample Name: S4 Acquired: 7/14/2017 16:30:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.25055	.29137	3.6846	.28485	1.0366	17.639	60.594	2.1016
Stddev	.00118	.00069	.0061	.00201	.0039	.047	.498	.0043
%RSD	.47249	.23584	.16561	.70519	.37804	.26639	.82142	.20597

#1	.25074	.29059	3.6846	.28592	1.0379	17.636	60.399	2.1060
#2	.24928	.29167	3.6907	.28253	1.0321	17.687	61.160	2.1012
#3	.25162	.29186	3.6785	.28609	1.0396	17.593	60.223	2.0974

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6811	10.718	1.3812	1.3733	3.6886	2.1025	4.3743	1.6064
Stddev	.0050	.038	.0017	.0012	.0074	.0043	.0094	.0026
%RSD	.18655	.35773	.12537	.08613	.19974	.20552	.21381	.16425

#1	2.6809	10.678	1.3832	1.3746	3.6839	2.0975	4.3642	1.6062
#2	2.6863	10.722	1.3802	1.3730	3.6971	2.1054	4.3827	1.6039
#3	2.6763	10.754	1.3802	1.3723	3.6849	2.1046	4.3762	1.6091

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	1.3121	.22526	1.6022	.23022	.82756	6.5860	.17357	1.9689
Stddev	.0007	.00069	.0089	.00069	.01229	.0107	.00020	.0066
%RSD	.05239	.30479	.55266	.29891	1.4850	.16210	.11569	.33651

#1	1.3116	.22582	1.5920	.22971	.82653	6.5846	.17379	1.9619
#2	1.3129	.22547	1.6071	.23101	.84033	6.5972	.17339	1.9697
#3	1.3117	.22450	1.6075	.22995	.81581	6.5760	.17352	1.9751

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	3.8446	.10499	2.0490	.39850	2.2083	10.099	54.213	
Stddev	.0062	.00025	.0076	.00065	.0050	.031	.174	
%RSD	.16138	.23388	.36924	.16232	.22574	.31103	.32114	

#1	3.8461	.10527	2.0416	.39904	2.2029	10.067	54.204	
#2	3.8378	.10488	2.0488	.39778	2.2127	10.130	54.391	
#3	3.8499	.10482	2.0567	.39867	2.2093	10.100	54.044	

Sample Name: S4 Acquired: 7/14/2017 16:30:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	1102.2	1549.2	46847.	5755.2	2534.8
Stddev	15.7	4.5	236.	6.4	2.5
%RSD	1.4228	.29097	.50400	.11164	.10005
#1	1098.6	1546.6	46693.	5753.5	2532.3
#2	1088.7	1554.4	46730.	5749.8	2537.3
#3	1119.4	1546.5	47119.	5762.3	2534.8

Sample Name: S5 Acquired: 7/14/2017 16:34:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.52267	.55401	7.1849	.57565	2.1630	36.315	120.89	4.1942
Stddev	.00198	.00148	.0100	.00155	.0015	.084	.18	.0243
%RSD	.37933	.26735	.13869	.26905	.07067	.23160	.15235	.57879

#1	.52254	.55425	7.1962	.57578	2.1638	36.275	121.01	4.2219
#2	.52076	.55242	7.1774	.57404	2.1612	36.259	120.99	4.1767
#3	.52472	.55535	7.1811	.57713	2.1640	36.412	120.68	4.1839

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.2015	21.273	2.6084	2.7011	7.5845	4.0623	8.4877	3.1761
Stddev	.0155	.038	.0015	.0075	.0123	.0075	.0321	.0071
%RSD	.29728	.17676	.05937	.27900	.16185	.18362	.37785	.22249

#1	5.2192	21.296	2.6086	2.7095	7.5803	4.0698	8.5074	3.1797
#2	5.1909	21.230	2.6099	2.6990	7.5748	4.0549	8.4507	3.1679
#3	5.1943	21.293	2.6068	2.6949	7.5983	4.0623	8.5050	3.1806

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	2.5462	.48591	3.2656	.44913	1.7384	13.607	.36715	3.7216
Stddev	.0049	.00267	.0027	.00151	.0197	.017	.00142	.0210
%RSD	.19041	.54918	.08370	.33612	1.1324	.12248	.38635	.56290

#1	2.5504	.48297	3.2628	.44769	1.7158	13.618	.36614	3.7451
#2	2.5473	.48660	3.2659	.44899	1.7522	13.588	.36654	3.7049
#3	2.5409	.48817	3.2682	.45070	1.7470	13.615	.36877	3.7149

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	7.4798	.21628	3.9806	.78148	4.3655	20.927	106.14	
Stddev	.0233	.00085	.0233	.00147	.0043	.006	.49	
%RSD	.31145	.39101	.58602	.18861	.09931	.02974	.46309	

#1	7.5059	.21725	4.0062	.78318	4.3610	20.933	106.69	
#2	7.4612	.21582	3.9606	.78060	4.3659	20.921	105.77	
#3	7.4722	.21576	3.9750	.78066	4.3697	20.926	105.95	

Sample Name: S5 Acquired: 7/14/2017 16:34:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	992.39	1391.4	43765.	5572.5	2198.2
Stddev	7.98	2.5	265.	17.8	1.4
%RSD	.80424	.17662	.60619	.31863	.06564
#1	1001.1	1391.8	44068.	5559.8	2199.8
#2	985.47	1393.6	43652.	5592.8	2197.8
#3	990.58	1388.8	43575.	5564.9	2197.0

Sample Name: S6 Acquired: 7/14/2017 16:38:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	92.125	33.664	10.402	4.8662	8.6443
Stddev	.804	.380	.084	.0351	.0578
%RSD	.87288	1.1290	.80625	.72117	.66844

#1	91.249	33.248	10.309	4.8262	8.6408
#2	92.298	33.752	10.424	4.8807	8.7038
#3	92.829	33.992	10.473	4.8917	8.5884

Int. Std.	Y_3710
Units	Cts/S
Avg	5345.8
Stddev	26.1
%RSD	.48775

#1	5367.5
#2	5316.9
#3	5353.0

Sample Name: ICV Acquired: 7/14/2017 16:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.9518591	1.114949	1.009190	.9766968	.9511078	F 2.259800
Stddev	.0122451	.002987	.001088	.0083227	.0061642	.002427
%RSD	1.286441	.2679469	.1077818	.8521291	.6481102	.1074037

#1	.9555682	1.118292	1.009419	.9839895	.9578579	2.262512
#2	.9618208	1.112543	1.008007	.9676301	.9457770	2.257834
#3	.9381882	1.114010	1.010146	.9784709	.9496886	2.259053

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4792907	F .4129301	.4552852	9.602862	.5266421	F .4113000
Stddev	.0013403	.0040744	.0017166	.009511	.0020715	.0006671
%RSD	.2796408	.9866945	.3770414	.0990400	.3933477	.1621928

#1	.4808383	.4140156	.4535056	9.599349	.5285321	.4106836
#2	.4785119	.4163518	.4554192	9.595608	.5269668	.4120083
#3	.4785218	.4084229	.4569310	9.613630	.5244274	.4112080

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4725569	5.288915	.5098947	5.746064	F .4220968	.4536807
Stddev	.0016568	.024551	.0019387	.072604	.0013093	.0013225
%RSD	.3506095	.4641920	.3802087	1.263547	.3101886	.2915029

#1	.4735786	5.317097	.5121241	5.817991	.4209580	.4550567
#2	.4706453	5.272168	.5089558	5.747402	.4218050	.4524192
#3	.4734468	5.277480	.5086043	5.672801	.4235274	.4535661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.567569	F .4499189	F .8969626	F 8.811613	F -.009855	F -.012819
Stddev	.009978	.0015453	.0237767	.041646	.001715	.000569
%RSD	.1042902	.3434570	2.650800	.4726289	17.40211	4.441255

#1	9.579086	.4505849	.8699564	8.842752	-.010553	-.012463
#2	9.562112	.4481523	.9061845	8.827781	-.007901	-.012518
#3	9.561511	.4510196	.9147470	8.764307	-.011111	-.013475

Sample Name: ICV Acquired: 7/14/2017 16:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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 -.000453	-.023534	-.000636	F -.000693	-.000684	-.001190
Stddev	.000472	.002812	.000367	.000140	.000613	.000235
%RSD	104.1967	11.94880	57.73438	20.22877	89.50956	19.77064

#1	-.000988	-.020902	-.000917	-.000854	-.001308	-.000940
#2	-.000280	-.023202	-.000220	-.000631	-.000083	-.001222
#3	-.000092	-.026497	-.000772	-.000595	-.000662	-.001407

Elem	Sr4077
Units	ppm
Avg	.0107778
Stddev	.0000642
%RSD	.5953056

#1	.0108420
#2	.0107778
#3	.0107137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.380	1766.667	51846.43	6153.796	3447.316
Stddev	17.453	10.952	357.20	34.640	9.519
%RSD	1.419644	.6199265	.6889536	.5629076	.2761151

#1	1227.776	1754.316	51586.31	6114.519	3436.331
#2	1247.579	1770.487	52253.69	6166.883	3452.486
#3	1212.784	1775.197	51699.28	6179.987	3453.131

Sample Name: ICB Acquired: 7/14/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.0004029	.0008282	-.000356	.0009608	-.000745	.0024130	-.000220
Stddev	.0005966	.0002822	.000222	.0029625	.000305	.0093955	.000168
%RSD	148.1005	34.07144	62.30381	308.3391	40.99737	389.3717	76.51228

#1	.0000578	.0005974	-.000112	.0013855	-.000451	.0053419	-.000167
#2	.0000590	.0011428	-.000410	.0036880	-.001060	.0099952	-.000084
#3	.0010918	.0007444	-.000545	-.002191	-.000722	-.008098	-.000408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	.0000856	.0012894	.0003727	.0002325	.0004344	.0005786
Stddev	.000097	.0000480	.0033503	.0002815	.0002147	.0008502	.0077029
%RSD	181.6094	56.03564	259.8250	75.53242	92.34905	195.6977	1331.403

#1	-.000104	.0001206	-.001066	.0005131	.0001385	-.000536	-.008290
#2	.000058	.0000309	.005125	.0000486	.0000808	.000794	.004421
#3	-.000114	.0001052	-.000191	.0005564	.0004781	.001046	.005604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003628	-.006656	.0004099	.0002375	.0294362	-.001472	.0009365
Stddev	.0004764	.020667	.0001230	.0001948	.0623496	.002711	.0021088
%RSD	131.3058	310.4909	29.99642	82.04962	211.8128	184.1792	225.1831

#1	.0002500	-.006729	.0002711	.0002429	.0971939	-.004481	.0028709
#2	-.000047	.014047	.0004533	.0000399	-.025517	.000780	-.001312
#3	.000886	-.027287	.0005052	.0004295	.016632	-.000714	.001250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072680	-.003709	-.001428	-.000107	-.021365	-.002516	.0000746
Stddev	.016064	.001615	.000811	.000272	.000494	.000914	.0007980
%RSD	22.10181	43.54314	56.76041	254.4512	2.314213	36.34433	1069.730

#1	-.066519	-.004572	-.000500	-.000360	-.021635	-.003293	.0009958
#2	-.060608	-.004708	-.001787	-.000142	-.021665	-.001508	-.000403
#3	-.090911	-.001846	-.001998	.000181	-.020794	-.002746	-.000369

Sample Name: ICB Acquired: 7/14/2017 16:54:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	-.000091	-.002083	-.000033
Stddev	.000765	.000134	.000036
%RSD	843.3743	6.409473	106.6362

#1	-.000667	-.002095	-.000068
#2	-.000382	-.002210	-.000035
#3	.000777	-.001944	.000003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.415	1824.647	53174.49	6148.702	3718.434
Stddev	17.457	5.618	276.46	15.083	3.371
%RSD	1.387222	.3079222	.5199102	.2453073	.0906582

#1	1238.259	1818.238	52856.89	6132.434	3719.000
#2	1268.249	1828.723	53305.37	6151.448	3714.816
#3	1268.736	1826.980	53361.20	6162.223	3721.486

Sample Name: ICSA Acquired: 7/14/2017 16:58:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026205	-.017714	.0011944	-.032559	.0015476	244.2873
Stddev	.0054158	.004670	.0025636	.005035	.0020121	.4797
%RSD	206.6685	26.36353	214.6406	15.46427	130.0201	.1963504

#1	-.002234	-.013799	.0022103	-.029118	.0038530	243.8704
#2	.001633	-.016460	.0030943	-.038338	.0001449	244.1800
#3	.008462	-.022883	-.001721	-.030221	.0006448	244.8115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047793	.0007403	.0058159	258.6810	.0477907	.0007468
Stddev	.0001528	.0000883	.0001769	1.4270	.0003733	.0001701
%RSD	3.196306	11.93005	3.041831	.5516275	.7811314	22.77782

#1	.0049551	.0008114	.0059744	259.6790	.0476535	.0008705
#2	.0047032	.0006414	.0056251	259.3173	.0482132	.0008173
#3	.0046795	.0007680	.0058482	257.0465	.0475054	.0005528

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243619	108.8857	.0147665	270.1073	.0017724	-.002694
Stddev	.0016560	.3973	.0005845	1.2200	.0002217	.000651
%RSD	6.797463	.3648875	3.957944	.4516861	12.50774	24.18033

#1	.0261821	108.9534	.0147679	271.4160	.0015754	-.002170
#2	.0229444	109.2448	.0141814	269.9046	.0017293	-.003423
#3	.0239591	108.4589	.0153503	269.0013	.0020124	-.002488

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3502245	-.000494	.0126740	-.273281	-.009265	F -.269810
Stddev	.0621907	.001314	.0103044	.017285	.003251	.001598
%RSD	17.75739	266.1169	81.30355	6.324948	35.08749	.5923310

#1	.3924558	-.002009	.0139461	-.292999	-.010861	-.269763
#2	.3794087	.000317	.0222833	-.266103	-.011410	-.271431
#3	.2788090	.000211	.0017926	-.260742	-.005525	-.268235

Sample Name: ICSA Acquired: 7/14/2017 16:58:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.004219	.0136860	-.003862	.0014156	-.001276
Stddev	.000358	.003567	.0004348	.000280	.0009789	.000740
%RSD	1104.894	84.54306	3.176828	7.248455	69.15593	58.03216

#1	.000098	-.007181	.0141063	-.004125	.0025457	-.000441
#2	-.000437	-.000259	.0137137	-.003567	.0008293	-.001535
#3	.000242	-.005217	.0132380	-.003895	.0008716	-.001852

Elem	Sr4077
Units	ppm
Avg	.0970621
Stddev	.0002328
%RSD	.2398178

#1	.0972264
#2	.0967957
#3	.0971642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.052	1598.561	46805.40	5671.644	2714.182
Stddev	4.159	12.209	24.83	20.362	15.549
%RSD	.3707005	.7637767	.0530570	.3590061	.5728818

#1	1126.745	1603.340	46830.77	5655.248	2723.463
#2	1120.590	1607.659	46781.14	5665.249	2722.853
#3	1118.821	1584.685	46804.29	5694.436	2696.231

Sample Name: ICSAB Acquired: 7/14/2017 17:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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	.1023623	.1015961	.0546786	.0155434	.6055478	249.4850
Stddev	.0014471	.0065207	.0016316	.0041147	.0051648	.6887
%RSD	1.413655	6.418282	2.983888	26.47217	.8529188	.2760555

#1	.1007845	.1003404	.0539093	.0132951	.6015133	249.1790
#2	.1026750	.1086534	.0535739	.0130427	.6037613	249.0023
#3	.1036274	.0957945	.0565526	.0202924	.6113687	250.2737

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4780690	.4643019	.9828498	259.0509	.5703011	.4407163
Stddev	.0021878	.0020270	.0009324	1.5998	.0009538	.0008329
%RSD	.4576352	.4365611	.0948655	.6175610	.1672473	.1889857

#1	.4765129	.4622788	.9837522	257.8104	.5697812	.4413396
#2	.4771235	.4642943	.9829072	258.4858	.5697202	.4397704
#3	.4805705	.4663327	.9818901	260.8566	.5714019	.4410389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5298099	109.5630	.5570212	275.0109	.8756118	.1875830
Stddev	.0033477	.5516	.0028065	1.3670	.0015482	.0004741
%RSD	.6318747	.5034242	.5038340	.4970599	.1768127	.2527330

#1	.5283113	109.1531	.5564268	274.4512	.8762783	.1873836
#2	.5274733	109.3457	.5545595	274.0126	.8767151	.1881242
#3	.5336452	110.1901	.5600772	276.5689	.8738420	.1872412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2917521	.4612929	1.005309	-.568002	.3326637	F .1487975
Stddev	.0334753	.0032903	.008137	.015367	.0020335	.0080035
%RSD	11.47389	.7132704	.8094371	2.705424	.6112823	5.378809

#1	.2601235	.4624204	.996084	-.573065	.3303533	.1402388
#2	.3268102	.4638712	1.008375	-.580198	.3334558	.1500575
#3	.2883228	.4575871	1.011469	-.550742	.3341820	.1560964

Sample Name: ICSAB Acquired: 7/14/2017 17:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) 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 .3945916	.3341957	.3471068	F .3736281	.3553880	.3641805
Stddev	.0056338	.0030695	.0089702	.0074664	.0151981	.0188726
%RSD	1.427750	.9184814	2.584280	1.998352	4.276478	5.182207

#1	.3883745	.3373119	.3375070	.3651490	.3409086	.3451754
#2	.3960418	.3311751	.3485381	.3765163	.3540402	.3644485
#3	.3993585	.3341000	.3552753	.3792190	.3712150	.3829177

Elem	Sr4077
Units	ppm
Avg	.4459400
Stddev	.0156452
%RSD	3.508370

#1	.4302431
#2	.4460439
#3	.4615330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.304	1564.911	46425.28	5638.451	2695.201
Stddev	3.640	7.854	121.07	32.630	5.778
%RSD	.3289941	.5018703	.2607770	.5787129	.2143826

#1	1105.162	1569.957	46477.04	5668.910	2699.093
#2	1110.378	1568.914	46511.87	5642.430	2697.947
#3	1103.373	1555.863	46286.94	5604.014	2688.562

Sample Name: CCV093 Acquired: 7/14/2017 17:06:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.074673	4.774898	24.39277	4.846027	5.115954	405.5318
Stddev	.028431	.016552	.08017	.007340	.002252	1.1380
%RSD	.5602446	.3466550	.3286638	.1514726	.0440094	.2806124

#1	5.068218	4.755961	24.38751	4.854238	5.113662	405.7957
#2	5.105776	4.782121	24.31536	4.843742	5.116038	404.2850
#3	5.050025	4.786610	24.47544	4.840101	5.118162	406.5146

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37811	.5053729	2.480710	422.6121	15.08010	2.488356
Stddev	.07235	.0039897	.014031	.5623	.09402	.010889
%RSD	.6970926	.7894534	.5655883	.1330442	.6234699	.4375933

#1	10.34132	.5076678	2.482205	421.9644	15.14423	2.488013
#2	10.46145	.5076849	2.465991	422.9756	15.12391	2.477643
#3	10.33155	.5007660	2.493933	422.8961	14.97217	2.499412

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51428	419.3430	15.57586	424.4074	2.456098	1.369721
Stddev	.07870	.4038	.04414	.5639	.008765	.005659
%RSD	.5073031	.0963027	.2834116	.1328574	.3568517	.4131393

#1	15.51249	419.1001	15.52495	423.9799	2.454151	1.375338
#2	15.43649	419.8092	15.59927	424.1959	2.448470	1.364021
#3	15.59387	419.1198	15.60337	425.0464	2.465672	1.369805

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.3446	2.505941	15.86562	155.3631	5.148793	F 4.325704
Stddev	2.4419	.008867	.13249	.6866	.031088	.028822
%RSD	.5879258	.3538292	.8350640	.4419253	.6037928	.6662853

#1	414.9947	2.495775	15.84378	155.4269	5.122110	4.344208
#2	413.0966	2.509969	15.74541	154.6468	5.182931	4.340407
#3	417.9427	2.512078	16.00767	156.0155	5.141338	4.292496

Sample Name: CCV093 Acquired: 7/14/2017 17:06:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.846108	4.941401	5.031611	4.828335	5.150404	5.426520
Stddev	.007204	.024837	.041124	.014387	.017857	.041659
%RSD	.1486586	.5026405	.8173097	.2979781	.3467019	.7677002

#1	4.841469	4.912763	5.050287	4.828246	5.144651	5.422543
#2	4.854407	4.957061	5.060083	4.813992	5.136133	5.386992
#3	4.842447	4.954378	4.984463	4.842767	5.170428	5.470026

Elem	Sr4077
Units	ppm
Avg	5.113278
Stddev	.016915
%RSD	.3308069

#1	5.132803
#2	5.103966
#3	5.103065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	978.5194	1401.113	42575.95	5447.187	2215.209
Stddev	7.6074	4.150	131.08	15.247	2.114
%RSD	.7774376	.2961800	.3078627	.2799013	.0954433

#1	977.0622	1401.303	42581.02	5447.213	2217.644
#2	986.7500	1396.871	42704.43	5431.927	2213.842
#3	971.7461	1405.164	42442.42	5462.421	2214.141

Sample Name: CCB093 Acquired: 7/14/2017 17:10:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001382	-.001241	-.000879	-.000852	-.001361	.0038521	-.000743
Stddev	.004890	.000359	.000371	.000621	.000375	.0032875	.000047
%RSD	353.9028	28.92971	42.25525	72.81053	27.55827	85.34261	6.315950

#1	-.005829	-.001551	-.001283	-.000593	-.001450	.0051980	-.000690
#2	.003855	-.001324	-.000553	-.000403	-.000950	.0062530	-.000778
#3	-.002171	-.000848	-.000799	-.001561	-.001684	.0001052	-.000762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000518	.0059469	.0007009	.0001800	.0010285	.0103573
Stddev	.000046	.0000559	.0017014	.0004338	.0000357	.0008942	.0042898
%RSD	185.4278	107.9242	28.61012	61.88286	19.83098	86.94827	41.41875

#1	-.000078	-.000002	.0056113	.0011884	.0002212	.0001068	.0054465
#2	.000003	.000110	.0077910	.0005567	.0001603	.0010863	.0133750
#3	.000001	.000047	.0044382	.0003576	.0001586	.0018924	.0122503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	-.005785	.0000743	.0002669	-.018867	.0004300	.0024687
Stddev	.000081	.017462	.0001345	.0003786	.017947	.0022119	.0013268
%RSD	74.95011	301.8528	181.0474	141.8608	95.12684	514.3559	53.74605

#1	-.000124	-.025020	-.000001	-.000168	-.002753	-.001366	.0011363
#2	-.000020	-.001406	.000229	.000525	-.038209	-.000244	.0024798
#3	-.000180	.009071	-.000006	.000443	-.015637	.002901	.0037898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062235	-.002611	.0052949	.0001101	-.018882	-.001905	-.000205
Stddev	.027647	.001115	.0011006	.0003233	.002047	.001442	.000612
%RSD	44.42339	42.70059	20.78542	293.6947	10.84098	75.71676	298.0337

#1	-.093478	-.001688	.0063156	.0004293	-.017070	-.000579	-.000469
#2	-.040936	-.003850	.0054403	-.000217	-.018473	-.001695	-.000642
#3	-.052290	-.002296	.0041289	.000118	-.021102	-.003441	.000495

Sample Name: CCB093 Acquired: 7/14/2017 17:10:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009162	-.001091	-.000024
Stddev	.0003759	.000077	.000008
%RSD	41.02895	7.040540	33.49052

#1	.0007571	-.001063	-.000026
#2	.0006461	-.001033	-.000015
#3	.0013456	-.001179	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.998	1806.225	52641.50	6082.631	3693.594
Stddev	5.154	4.718	156.63	35.966	9.744
%RSD	.4156527	.2612090	.2975324	.5912887	.2638126

#1	1235.191	1800.790	52615.10	6050.962	3686.574
#2	1245.440	1809.269	52809.65	6121.733	3704.719
#3	1239.361	1808.616	52499.75	6075.200	3689.489

Sample Name: I4013-01DLX10 Acquired: 7/14/2017 17:14:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2428044	-.003127	.1146070	-.005165	.0003922	8.310976	.2214533
Stddev	.0008959	.000949	.0012550	.002063	.0002950	.019385	.0004969
%RSD	.3689764	30.35109	1.095046	39.94469	75.22248	.2332437	.2244015

#1	.2417717	-.004143	.1143080	-.006951	.0002547	8.288600	.2211456
#2	.2433740	-.002265	.1159845	-.005639	.0001910	8.322681	.2220266
#3	.2432674	-.002971	.1135284	-.002907	.0007309	8.321646	.2211876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006826	.0046061	90.05823	.0623410	.0042831	.1043988	20.41629
Stddev	.0000788	.0002439	.63589	.0005162	.0001419	.0012651	.12024
%RSD	11.54827	5.295202	.7060876	.8279768	3.313873	1.211749	.5889422

#1	.0006713	.0048317	89.42644	.0617632	.0044377	.1032419	20.35426
#2	.0006100	.0046393	90.05010	.0625031	.0041587	.1042048	20.33973
#3	.0007665	.0043473	90.69814	.0627566	.0042529	.1057496	20.55488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3348476	5.360972	.0136089	-.000067	3.101311	.0271008	.3414458
Stddev	.0035398	.003090	.0004798	.000060	.103945	.0021239	.0134639
%RSD	1.057133	.0576387	3.525985	89.88844	3.351636	7.836899	3.943200

#1	.3307606	5.357608	.0134723	-.000135	3.029719	.0249024	.3567971
#2	.3368387	5.363684	.0141422	-.000045	3.220536	.0291413	.3316420
#3	.3369435	5.361624	.0132121	-.000021	3.053679	.0272588	.3358982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.428946	1.171612	-.036276	.0025671	24.01003	.1761700	.0007265
Stddev	.016083	.007203	.000863	.0004707	.02997	.0029326	.0009810
%RSD	1.125505	.6148185	2.378661	18.33480	.1248081	1.664667	135.0325

#1	1.444860	1.178961	-.036421	.0029381	23.98461	.1731189	.0011252
#2	1.412700	1.171312	-.037058	.0027256	24.04307	.1764235	.0014454
#3	1.429278	1.164563	-.035350	.0020376	24.00241	.1789677	-.000391

Sample Name: I4013-01DLX10 Acquired: 7/14/2017 17:14:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2822991	.0111265	.2911821
Stddev	.0010672	.0002615	.0003313
%RSD	.3780468	2.350478	.1137783

#1	.2810728	.0108262	.2915646
#2	.2828068	.0113044	.2909933
#3	.2830177	.0112488	.2909883

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.452	1730.363	50471.12	5997.506	3268.313
Stddev	3.762	9.211	180.52	11.667	7.244
%RSD	.3136591	.5323403	.3576692	.1945377	.2216362

#1	1195.519	1720.064	50268.96	6009.868	3260.016
#2	1199.821	1737.815	50528.23	5995.963	3271.545
#3	1203.016	1733.209	50616.19	5986.687	3273.378

Sample Name: I4013-02DLX10 Acquired: 7/14/2017 17:18:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2442363	-.001996	.1131552	-.007008	-.000724	8.275440	.2203691
Stddev	.0064020	.001052	.0007639	.002523	.000837	.015050	.0005083
%RSD	2.621221	52.74104	.6750944	36.00017	115.5392	.1818600	.2306726

#1	.2410051	-.003206	.1122954	-.004313	-.000968	8.260687	.2206040
#2	.2516100	-.001480	.1137558	-.007397	.000207	8.290770	.2197858
#3	.2400940	-.001300	.1134142	-.009313	-.001412	8.274864	.2207175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006231	.0045587	89.45386	.0616336	.0042268	.1018015	20.34537
Stddev	.0000335	.0000505	.27335	.0004024	.0003577	.0011503	.02979
%RSD	5.381183	1.107985	.3055715	.6529117	8.461732	1.129958	.1463976

#1	.0006261	.0045008	89.72395	.0614178	.0038821	.1024079	20.34347
#2	.0005882	.0045937	89.17737	.0620978	.0042022	.1025217	20.31658
#3	.0006551	.0045814	89.46026	.0613850	.0045961	.1004748	20.37606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3339622	5.302815	.0134715	.0000362	3.102519	.0240524	.3407335
Stddev	.0008830	.050500	.0001612	.0001561	.118341	.0022085	.0157504
%RSD	.2644008	.9523187	1.196599	430.7109	3.814363	9.181885	4.622507

#1	.3344242	5.332162	.0136478	.0000692	3.005576	.0224838	.3387398
#2	.3329440	5.244504	.0134349	.0001732	3.234395	.0265779	.3260749
#3	.3345183	5.331780	.0133317	-.000134	3.067587	.0230954	.3573859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.413781	1.159210	-.037566	.0024279	23.71230	.1735846	.0008459
Stddev	.025879	.008071	.000997	.0003539	.13027	.0008585	.0011639
%RSD	1.830492	.6962289	2.655103	14.57660	.5493715	.4945641	137.5979

#1	1.443585	1.152895	-.037457	.0020273	23.58282	.1726730	.0016004
#2	1.396999	1.168303	-.038614	.0025584	23.84335	.1737031	.0014318
#3	1.400760	1.156432	-.036628	.0026982	23.71074	.1743777	-.000495

Sample Name: I4013-02DLX10 Acquired: 7/14/2017 17:18:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDWR3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2828828	.0108771	.2900146
Stddev	.0010596	.0007226	.0003289
%RSD	.3745711	6.643199	.1133928

#1	.2837877	.0108192	.2897270
#2	.2817172	.0101852	.2903731
#3	.2831436	.0116268	.2899438

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.099	1726.461	50433.92	5999.766	3265.430
Stddev	6.783	11.047	327.93	36.378	11.664
%RSD	.5661829	.6398618	.6502145	.6063216	.3571902

#1	1193.708	1714.245	50064.64	5958.426	3252.065
#2	1205.912	1729.389	50691.11	6013.986	3270.675
#3	1194.678	1735.749	50546.01	6026.885	3273.551

Sample Name: I4013-03DLX10 Acquired: 7/14/2017 17:22:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2563387	.0127249	.1215754	.0086160	.0216809	8.847754	.5074639
Stddev	.0012002	.0002516	.0023065	.0060268	.0005024	.018324	.0009582
%RSD	.4682104	1.977347	1.897189	69.94943	2.317108	.2071047	.1888209

#1	.2550693	.0124391	.1242387	.0138116	.0211484	8.827468	.5066447
#2	.2574550	.0128228	.1202448	.0100277	.0217477	8.852687	.5085176
#3	.2564916	.0129129	.1202426	.0020086	.0221464	8.863106	.5072295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097120	.0145155	92.17890	.1083277	.0940930	.1559053	21.09507
Stddev	.0001326	.0001165	.75992	.0003390	.0001312	.0020737	.13532
%RSD	1.364805	.8024246	.8243967	.3128887	.1394700	1.330109	.6414551

#1	.0097331	.0144843	91.42029	.1080258	.0939730	.1535380	20.98045
#2	.0098327	.0144178	92.94012	.1082630	.0940730	.1574007	21.24434
#3	.0095701	.0146444	92.17630	.1086943	.0942331	.1567773	21.06042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4533990	5.461091	.1048511	.0042527	3.101036	.1231468	.4491653
Stddev	.0031734	.027530	.0006271	.0001120	.094736	.0027978	.0105975
%RSD	.6999196	.5041144	.5980887	2.634009	3.054977	2.271895	2.359365

#1	.4516807	5.430211	.1048312	.0042679	3.206844	.1201408	.4385620
#2	.4570611	5.483068	.1042342	.0043563	3.024080	.1256747	.4491770
#3	.4514553	5.469993	.1054879	.0041338	3.072185	.1236249	.4597569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.436501	1.184150	-.040678	.0024511	24.12627	.2253145	.0015554
Stddev	.035753	.010415	.000906	.0001791	.20396	.0013313	.0008160
%RSD	2.488863	.8795766	2.226089	7.305331	.8453697	.5908591	52.46429

#1	1.421361	1.190035	-.040302	.0024878	24.29872	.2239618	.0012574
#2	1.477333	1.172124	-.041711	.0026089	23.90115	.2266233	.0024785
#3	1.410809	1.190290	-.040022	.0022565	24.17895	.2253584	.0009302

Sample Name: I4013-03DLX10 Acquired: 7/14/2017 17:22:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDWR3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2901124	.0107415	.3008232
Stddev	.0012241	.0007115	.0002492
%RSD	.4219464	6.623908	.0828333

#1	.2895548	.0115626	.3005530
#2	.2915160	.0103554	.3008727
#3	.2892664	.0103064	.3010439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.580	1723.132	50072.48	5996.802	3250.677
Stddev	8.257	5.355	167.67	25.904	3.531
%RSD	.6964201	.3107485	.3348503	.4319617	.1086224

#1	1180.980	1723.200	49942.25	6003.403	3247.336
#2	1195.112	1717.744	50261.66	5968.236	3254.371
#3	1180.647	1728.453	50013.53	6018.766	3250.323

Sample Name: I4013-01LDLX50 Acquired: 7/14/2017 17:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508441	.0001790	.0225821	-.002952	-.000879	1.645415	.0449284
Stddev	.0015589	.0019357	.0009446	.001733	.000142	.001896	.0001354
%RSD	3.066001	1081.563	4.183002	58.70782	16.14751	.1152275	.3012717

#1	.0491442	.0015785	.0226813	-.004233	-.000983	1.644226	.0448870
#2	.0522067	-.002030	.0234732	-.000980	-.000717	1.647601	.0448185
#3	.0511814	.000989	.0215918	-.003642	-.000936	1.644417	.0450796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002193	.0008271	17.92799	.0125049	.0001737	.0218969	4.173674
Stddev	.0000550	.0001412	.07029	.0002451	.0001719	.0006430	.025897
%RSD	25.09010	17.07253	.3920629	1.959648	98.94641	2.936479	.6204784

#1	.0001726	.0009722	17.87768	.0127860	.0000888	.0224538	4.189052
#2	.0002799	.0008189	17.89800	.0123365	.0000608	.0211932	4.143775
#3	.0002053	.0006902	18.00831	.0123922	.0003715	.0220438	4.188195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675650	1.063456	.0028293	.0003686	.5445170	.0021854	.0705368
Stddev	.0005126	.040281	.0003023	.0000797	.0901173	.0025484	.0011721
%RSD	.7586480	3.787705	10.68389	21.61679	16.54994	116.6087	1.661746

#1	.0676139	1.035495	.0024861	.0003568	.5105617	-.000654	.0696552
#2	.0670297	1.109626	.0029455	.0004535	.6466791	.002936	.0700883
#3	.0680513	1.045246	.0030562	.0002955	.4763101	.004274	.0718670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1444322	.2177983	-.010532	.0002522	4.429182	.0322116	.0007780
Stddev	.0169372	.0044528	.000683	.0002193	.032894	.0009657	.0006267
%RSD	11.72673	2.044463	6.483855	86.95178	.7426612	2.997967	80.54171

#1	.1276216	.2194553	-.010689	.0004911	4.466649	.0314928	.0014090
#2	.1614932	.2211851	-.009785	.0002056	4.415849	.0333093	.0007695
#3	.1441816	.2127546	-.011123	.0000599	4.405048	.0318328	.0001557

Sample Name: I4013-01LDLX50 Acquired: 7/14/2017 17:26:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDWR3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0576365	-.000294	.0583569
Stddev	.0008515	.000102	.0001481
%RSD	1.477289	34.74778	.2537164

#1	.0582608	-.000266	.0584590
#2	.0579823	-.000208	.0584246
#3	.0566666	-.000407	.0581871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1214.496	1767.870	51480.41	6030.136	3544.155
Stddev	6.116	4.509	166.38	14.358	13.201
%RSD	.5036022	.2550547	.3231914	.2380974	.3724617

#1	1209.164	1763.635	51395.57	6022.680	3531.749
#2	1221.173	1767.364	51373.56	6046.688	3542.688
#3	1213.152	1772.610	51672.11	6021.040	3558.028

Sample Name: I4013-15DLX10 Acquired: 7/14/2017 17:31:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDBWS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2127455	.0007873	.1436458	-.006273	.0010276	6.115944	.8139974
Stddev	.0024714	.0005596	.0014355	.002688	.0015061	.014922	.0025373
%RSD	1.161663	71.07693	.9993283	42.85452	146.5669	.2439877	.3117105

#1	.2134490	.0014248	.1450873	-.008834	.0012138	6.102671	.8121842
#2	.2147890	.0003771	.1422163	-.003473	-.000563	6.113064	.8129110
#3	.2099987	.0005601	.1436338	-.006513	.002432	6.132096	.8168971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006134	.0048836	124.8837	.0573674	.0029461	.0870647	18.45331
Stddev	.0000269	.0001721	.7729	.0001876	.0002811	.0006162	.04828
%RSD	4.385610	3.524646	.6189204	.3270550	9.541512	.7077834	.2616302

#1	.0005849	.0047015	124.8178	.0574172	.0031984	.0874940	18.50229
#2	.0006383	.0049057	124.1458	.0571599	.0026431	.0863586	18.40576
#3	.0006169	.0050436	125.6874	.0575251	.0029967	.0873416	18.45189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1504590	5.009889	.0106532	-.000185	5.232593	.0207953	.3175924
Stddev	.0016671	.040308	.0001290	.000251	.057820	.0034082	.0036511
%RSD	1.108005	.8045659	1.211372	135.9704	1.104997	16.38931	1.149614

#1	.1502261	4.999609	.0105624	-.000459	5.298423	.0168712	.3217551
#2	.1489207	5.054341	.0108010	-.000129	5.190036	.0224988	.3160892
#3	.1522304	4.975716	.0105964	.000034	5.209320	.0230160	.3149328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6714921	1.155894	-.035857	.0025626	7.817688	1.601972	.0005679
Stddev	.0148886	.008932	.001296	.0005376	.039611	.011415	.0017495
%RSD	2.217243	.7727488	3.614435	20.97701	.5066850	.7125330	308.0619

#1	.6654379	1.165858	-.035702	.0026954	7.850820	1.598578	.0000837
#2	.6884541	1.153217	-.034646	.0019711	7.828429	1.592640	-.000888
#3	.6605844	1.148606	-.037224	.0030213	7.773814	1.614699	.002508

Sample Name: I4013-15DLX10 Acquired: 7/14/2017 17:31:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDBWS5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2236671	.0079936	.3944618
Stddev	.0008124	.0002743	.0004691
%RSD	.3632352	3.431740	.1189131

#1	.2228948	.0081882	.3950021
#2	.2245145	.0081127	.3942250
#3	.2235921	.0076799	.3941584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.498	1726.300	49920.78	5918.037	3223.379
Stddev	7.928	10.147	40.59	20.720	16.934
%RSD	.6631274	.5877624	.0813079	.3501186	.5253383

#1	1187.288	1715.625	49874.00	5898.497	3206.706
#2	1203.109	1727.456	49946.72	5939.764	3222.870
#3	1196.098	1735.819	49941.61	5915.851	3240.561

Sample Name: I4015-01 Acquired: 7/14/2017 17:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096095	-.004678	-.002191	.0089113	-.002581	.1151198
Stddev	.0088556	.000885	.000638	.0025130	.001216	.0124193
%RSD	92.15537	18.92661	29.09660	28.20070	47.09770	10.78815

#1	.0191794	-.004301	-.002906	.0117435	-.003055	.1179823
#2	.0017044	-.005689	-.001682	.0069480	-.003489	.1015192
#3	.0079446	-.004043	-.001985	.0080424	-.001200	.1258579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2444363	.0000914	-.000473	F 1244.083	.0197780	.0030386
Stddev	.0024313	.0000604	.000186	3.659	.0005205	.0000844
%RSD	.9946656	66.04669	39.35019	.2940794	2.631808	2.776560

#1	.2440196	.0000300	-.000271	1248.270	.0195841	.0030711
#2	.2422403	.0001507	-.000637	1241.507	.0203676	.0029428
#3	.2470491	.0000937	-.000512	1242.471	.0193822	.0031019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353912	.0372012	.0009438	.0981590	.0657787	-.000663
Stddev	.0005226	.0239287	.0007926	.0265466	.0007084	.000360
%RSD	1.476724	64.32224	83.97976	27.04446	1.076933	54.30712

#1	.0348549	.0303365	.0004039	.1169987	.0665963	-.000444
#2	.0354198	.0174552	.0005738	.1096800	.0653499	-.001078
#3	.0358990	.0638120	.0018537	.0677983	.0653898	-.000467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	367.8274	.0041168	.0248522	165.0668	.0436576	.0026614
Stddev	3.1076	.0019994	.0286251	1.2592	.0023601	.0007262
%RSD	.8448632	48.56541	115.1814	.7628615	5.406005	27.28766

#1	368.6065	.0063459	.0275581	165.0335	.0414956	.0019840
#2	364.4043	.0024818	-.005030	163.8245	.0433016	.0025720
#3	370.4713	.0035228	.052028	166.3423	.0461755	.0034282

Sample Name: I4015-01 Acquired: 7/14/2017 17:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1310543	912.6180	2.121799	-.009560	-.017680	.0507285
Stddev	.0007927	5.9136	.013428	.002519	.001558	.0007750
%RSD	.6048312	.6479777	.6328420	26.34787	8.811076	1.527782

#1	.1303016	919.0048	2.122352	-.012387	-.017758	.0508119
#2	.1318816	911.5169	2.108103	-.008740	-.019198	.0499151
#3	.1309795	907.3324	2.134941	-.007554	-.016085	.0514584

Elem	Sr4077
Units	ppm
Avg	11.39566
Stddev	.04154
%RSD	.3645031

#1	11.36767
#2	11.37591
#3	11.44338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.9229	1256.492	39456.28	5640.955	2200.986
Stddev	2.3948	13.236	94.33	31.296	8.520
%RSD	.2718534	1.053416	.2390651	.5547936	.3870798

#1	878.1668	1270.650	39359.32	5633.248	2209.839
#2	882.4955	1254.401	39461.80	5675.384	2200.273
#3	882.1065	1244.427	39547.73	5614.233	2192.845

Sample Name: I4015-02 Acquired: 7/14/2017 17:39:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075215	.0000398	-.002655	.0031880	-.004840	.1128263
Stddev	.0017806	.0032688	.001125	.0029559	.001025	.0041424
%RSD	23.67366	8204.984	42.37368	92.71911	21.18036	3.671443

#1	.0079893	-.002522	-.003667	.0021835	-.004453	.1098631
#2	.0055537	-.001080	-.001444	.0065152	-.006003	.1175596
#3	.0090215	.003721	-.002855	.0008653	-.004065	.1110562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2469482	.0000610	-.000379	F 1199.486	.0195391	.0028041
Stddev	.0011045	.0000622	.000097	6.079	.0010021	.0003593
%RSD	.4472680	101.8998	25.43923	.5068217	5.128614	12.81280

#1	.2468768	.0001132	-.000357	1197.664	.0192590	.0031487
#2	.2480867	-.000008	-.000296	1194.525	.0206514	.0028319
#3	.2458811	.000078	-.000485	1206.267	.0187068	.0024318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343539	.0228293	-.000041	.0743526	.0650081	-.000451
Stddev	.0014706	.0131784	.000465	.0230430	.0010145	.000263
%RSD	4.280661	57.72555	1139.826	30.99159	1.560572	58.33242

#1	.0359976	.0166862	-.000577	.0739769	.0644285	-.000188
#2	.0331630	.0379576	.000204	.0514997	.0644163	-.000451
#3	.0339010	.0138441	.000250	.0975812	.0661795	-.000715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	369.1636	.0040720	.0169555	168.5923	.0388841	.0022870
Stddev	1.1685	.0029420	.0073200	1.3136	.0013393	.0003508
%RSD	.3165295	72.24949	43.17161	.7791330	3.444382	15.33771

#1	368.8868	.0041279	.0088478	168.6362	.0376653	.0026885
#2	370.4457	.0011025	.0189404	169.8834	.0403179	.0020404
#3	368.1584	.0069857	.0230784	167.2574	.0386689	.0021319

Sample Name: I4015-02 Acquired: 7/14/2017 17:39:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1311731	905.9329	2.076182	-.010336	-.017913	.0518290
Stddev	.0007883	8.2259	.010336	.002194	.001148	.0002422
%RSD	.6009715	.9079994	.4978351	21.22407	6.409146	.4672732

#1	.1312002	905.8828	2.072201	-.010182	-.018216	.0515920
#2	.1319475	897.7322	2.068429	-.008223	-.016644	.0518189
#3	.1303716	914.1837	2.087917	-.012602	-.018880	.0520760

Elem	Sr4077
Units	ppm
Avg	11.33591
Stddev	.03350
%RSD	.2954984

#1	11.30200
#2	11.36898
#3	11.33676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	863.0310	1238.695	39223.12	5657.541	2187.465
Stddev	1.7813	5.963	172.50	9.409	5.052
%RSD	.2064010	.4813964	.4397842	.1663084	.2309618

#1	862.3576	1241.668	39230.94	5655.168	2192.333
#2	861.6846	1231.830	39046.85	5667.910	2182.247
#3	865.0509	1242.586	39391.58	5649.547	2187.815

Sample Name: I4015-01LX5 Acquired: 7/14/2017 17:43:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001446	-.000997	-.000452	.0023248	-.002365	.0362781	.0476675
Stddev	.004134	.001011	.001842	.0030035	.001508	.0012548	.0003054
%RSD	285.9259	101.4948	407.2455	129.1986	63.78150	3.458717	.6406290

#1	.001491	.000164	.001229	.0021624	-.003776	.0373582	.0475677
#2	.000345	-.001460	-.002421	.0054062	-.000775	.0349018	.0474246
#3	-.006173	-.001693	-.000164	-.000594	-.002543	.0365744	.0480103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000595	-.000098	235.6160	.0047656	-.000614	.0069012	.0125107
Stddev	.0000335	.000105	.8124	.0002390	.000148	.0010070	.0106914
%RSD	56.23913	106.9600	.3447983	5.015135	24.05170	14.59113	85.45817

#1	.0000741	-.000186	235.3157	.0048054	-.000482	.0058786	.0212407
#2	.0000831	.000018	236.5358	.0045092	-.000773	.0078918	.0157051
#3	.0000212	-.000126	234.9965	.0049822	-.000587	.0069331	.0005862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002757	.0247049	.0127280	.0002581	70.28547	-.001166	.0050379
Stddev	.0002851	.0039467	.0002265	.0002761	.18337	.001211	.0062130
%RSD	103.4026	15.97546	1.779574	107.0009	.2608976	103.8457	123.3245

#1	.0005783	.0208650	.0129769	.0000860	70.44181	-.001150	.0050832
#2	.0000122	.0287504	.0125340	.0001116	70.33097	-.002384	.0112281
#3	.0002366	.0244993	.0126733	.0005765	70.08363	.000037	-.001198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.44542	.0041426	-.002784	.0267574	186.8479	.4220580	-.006997
Stddev	.07228	.0026892	.001145	.0001540	.1761	.0011421	.000285
%RSD	.2374169	64.91660	41.11726	.5756470	.0942721	.2705929	4.075774

#1	30.52849	.0011753	-.001518	.0265801	186.7330	.4208139	-.006672
#2	30.39683	.0048337	-.003090	.0268587	186.7600	.4230588	-.007114
#3	30.41094	.0064188	-.003745	.0268334	187.0507	.4223013	-.007206

Sample Name: I4015-01LX5 Acquired: 7/14/2017 17:43:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003026	.0122278	2.358262
Stddev	.000368	.0005845	.003892
%RSD	12.17628	4.780161	.1650209

#1	-.002614	.0123877	2.355833
#2	-.003140	.0127157	2.362750
#3	-.003324	.0115799	2.356202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.4996	1440.938	44599.45	5854.438	2767.765
Stddev	6.0653	3.615	48.54	19.906	5.125
%RSD	.6179607	.2508797	.1088418	.3400180	.1851709

#1	975.3191	1437.872	44545.02	5840.040	2761.847
#2	981.7371	1440.019	44615.03	5846.120	2770.740
#3	987.4427	1444.924	44638.28	5877.154	2770.709

Sample Name: I4015-09 Acquired: 7/14/2017 17:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220415	-.005852	-.002809	.0073697	.0061779	.1636958
Stddev	.0021255	.002071	.003915	.0030125	.0016592	.0101135
%RSD	9.643097	35.39430	139.3608	40.87714	26.85659	6.178255

#1	.0241106	-.006485	-.007194	.0088195	.0071462	.1589161
#2	.0198638	-.003538	.000334	.0093831	.0042621	.1753133
#3	.0221500	-.007532	-.001567	.0039064	.0071254	.1568579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221896	.0001457	.0002745	744.6798	.0032012	-.002265
Stddev	.0001301	.0000512	.0001075	1.4800	.0006147	.000426
%RSD	.5864895	35.13387	39.16939	.1987489	19.20099	18.81775

#1	.0220520	.0001972	.0001664	746.3574	.0027470	-.001882
#2	.0223107	.0000949	.0003814	744.1234	.0029560	-.002189
#3	.0222062	.0001450	.0002755	743.5586	.0039007	-.002724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274583	.0176130	.0433652	22.83873	.0021012	.0009324
Stddev	.0003249	.0141439	.0006848	.10178	.0003695	.0001924
%RSD	1.183409	80.30360	1.579070	.4456629	17.58381	20.63367

#1	.0276632	.0015690	.0441419	22.77688	.0023813	.0011530
#2	.0270836	.0229908	.0428486	22.95621	.0022399	.0007990
#3	.0276280	.0282792	.0431050	22.78311	.0016825	.0008453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4939.513	-.005294	.0108442	52.19766	.1298706	.2897792
Stddev	29.644	.003051	.0037250	.41143	.0032052	.0019181
%RSD	.6001362	57.64083	34.34984	.7882113	2.468018	.6619158

#1	4907.381	-.001771	.0108410	51.72979	.1262004	.2878648
#2	4965.796	-.007120	.0145708	52.50297	.1321184	.2897719
#3	4945.361	-.006990	.0071208	52.36023	.1312932	.2917010

Sample Name: I4015-09 Acquired: 7/14/2017 17:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2322939	1354.045	1.001915	-.012814	-.013714	.0131706
Stddev	.0008525	4.730	.000740	.000862	.000880	.0010852
%RSD	.3669817	.3493449	.0738565	6.722987	6.416541	8.239716

#1	.2313713	1359.263	1.001089	-.013776	-.013883	.0119853
#2	.2330524	1350.039	1.002141	-.012113	-.014497	.0134113
#3	.2324579	1352.832	1.002516	-.012553	-.012762	.0141153

Elem	Sr4077
Units	ppm
Avg	.7416223
Stddev	.0021789
%RSD	.2938073

#1	.7392048
#2	.7434348
#3	.7422272

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	843.9972	1211.514	34988.16	5584.752	1786.246
Stddev	1.4404	3.460	9.37	11.932	1.533
%RSD	.1706583	.2856206	.0267722	.2136522	.0857975

#1	845.6587	1214.642	34986.13	5592.951	1788.016
#2	843.2314	1207.797	34979.98	5590.243	1785.335
#3	843.1016	1212.104	34998.38	5571.064	1785.388

Sample Name: I4015-10 Acquired: 7/14/2017 17:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164620	-.004574	.0009191	.0042536	.0063835	.2289218
Stddev	.0024255	.003448	.0018290	.0026054	.0030180	.0065549
%RSD	14.73391	75.38002	198.9842	61.25037	47.27829	2.863393

#1	.0169551	-.008065	-.001167	.0053922	.0098586	.2310841
#2	.0186030	-.004485	.002245	.0060959	.0044192	.2341224
#3	.0138278	-.001171	.001680	.0012728	.0048728	.2215589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276036	.0001808	.0001430	F 805.2569	.0014321	-.002422
Stddev	.0002989	.0000427	.0000942	2.2843	.0006724	.000489
%RSD	1.082729	23.63269	65.87695	.2836796	46.95332	20.20403

#1	.0273804	.0001937	.0000342	804.8045	.0019758	-.001951
#2	.0279431	.0001331	.0001960	807.7336	.0016401	-.002388
#3	.0274872	.0002155	.0001988	803.2327	.0006802	-.002928

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147669	.0189513	.0810137	44.59185	.0018013	.0001424
Stddev	.0024099	.0150551	.0006958	.31120	.0002977	.0008657
%RSD	16.31979	79.44069	.8588372	.6978760	16.52586	607.8464

#1	.0129565	.0227368	.0813647	44.38279	.0019512	-.000686
#2	.0138419	.0317524	.0814641	44.94949	.0019942	.001041
#3	.0175023	.0023648	.0802124	44.44327	.0014585	.000072

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4079.819	-.004288	.0176284	55.84727	.1267959	.4770925
Stddev	5.925	.001064	.0063351	.27126	.0068836	.0017298
%RSD	.1452218	24.80682	35.93679	.4857204	5.428884	.3625771

#1	4075.980	-.004635	.0170885	55.68334	.1260968	.4784707
#2	4076.835	-.005135	.0242162	55.69808	.1202886	.4751513
#3	4086.642	-.003094	.0115806	56.16037	.1340024	.4776555

Sample Name: I4015-10 Acquired: 7/14/2017 17:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2916336	1152.273	1.009285	-.013337	-.013778	.0124435
Stddev	.0022814	1.213	.002070	.002065	.000396	.0002536
%RSD	.7822926	.1053045	.2050776	15.48133	2.873747	2.037678

#1	.2890057	1153.565	1.006930	-.014751	-.013872	.0122002
#2	.2931072	1151.159	1.010817	-.010967	-.014119	.0127062
#3	.2927878	1152.093	1.010107	-.014292	-.013344	.0124240

Elem	Sr4077
Units	ppm
Avg	1.044887
Stddev	.000618
%RSD	.0591920

#1	1.044426
#2	1.045589
#3	1.044644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	844.1760	1206.807	35443.92	5514.070	1828.194
Stddev	10.6884	15.943	119.75	5.630	16.226
%RSD	1.266137	1.321106	.3378506	.1020959	.8875282

#1	840.5689	1225.092	35440.00	5520.493	1846.929
#2	835.7579	1195.812	35326.18	5509.994	1818.748
#3	856.2013	1199.517	35565.58	5511.722	1818.904

Sample Name: I4015-11 Acquired: 7/14/2017 17:56:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472301	-.001172	-.002446	.0113162	.0311099	.0544631
Stddev	.0066073	.004829	.002686	.0064548	.0043082	.0014011
%RSD	13.98950	412.0472	109.7918	57.04082	13.84846	2.572587

#1	.0447801	.002157	-.001442	.0150168	.0356268	.0530831
#2	.0547124	-.006710	-.000407	.0038628	.0306566	.0558844
#3	.0421978	.001038	-.005490	.0150689	.0270462	.0544217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866767	.0000970	.0079689	F 1462.302	.0014601	-.000683
Stddev	.0003000	.0000608	.0004360	18.864	.0003394	.000299
%RSD	.3461148	62.66568	5.471624	1.290052	23.24816	43.73046

#1	.0868752	.0001082	.0075259	1482.061	.0011151	-.000542
#2	.0868233	.0000314	.0083976	1444.482	.0014717	-.001026
#3	.0863316	.0001513	.0079832	1460.364	.0017937	-.000481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6804058	.0447698	.0712819	29.94864	.0035213	.0002749
Stddev	.0009400	.0040498	.0017055	.23083	.0009060	.0005730
%RSD	.1381468	9.045753	2.392577	.7707681	25.72960	208.4196

#1	.6802226	.0445097	.0730945	30.21503	.0031353	.0007883
#2	.6795710	.0408563	.0697088	29.82311	.0028722	.0003796
#3	.6814239	.0489433	.0710425	29.80776	.0045564	-.000343

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	419.4480	.0028034	.0316302	39.30359	.1803214	.3254693
Stddev	1.1352	.0043359	.0177570	.20802	.0034574	.0026441
%RSD	.2706501	154.6660	56.13946	.5292546	1.917355	.8124054

#1	420.6312	.0031063	.0364928	39.28893	.1839789	.3279829
#2	418.3678	-.001676	.0119485	39.10329	.1771067	.3257135
#3	419.3450	.006980	.0464494	39.51855	.1798787	.3227116

Sample Name: I4015-11 Acquired: 7/14/2017 17:56:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985171	1269.890	5.075864	-.012868	-.021621	.0113030
Stddev	.0033438	24.357	.052536	.000822	.000158	.0006203
%RSD	3.394157	1.918047	1.035006	6.386819	.7308497	5.488106

#1	.1020687	1246.051	5.107378	-.013519	-.021685	.0105898
#2	.0980531	1268.884	5.104997	-.013141	-.021737	.0116014
#3	.0954296	1294.734	5.015217	-.011944	-.021441	.0117176

Elem	Sr4077
Units	ppm
Avg	1.292296
Stddev	.009293
%RSD	.7191314

#1	1.300324
#2	1.282115
#3	1.294448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.6076	1157.397	38272.55	5792.684	2111.226
Stddev	27.2916	89.707	441.01	30.226	109.730
%RSD	3.443264	7.750762	1.152292	.5217978	5.197469

#1	798.5515	1054.415	38211.31	5759.137	1984.619
#2	816.4374	1199.224	38740.98	5817.799	2170.199
#3	762.8339	1218.553	37865.36	5801.116	2178.860

Sample Name: I4015-12 Acquired: 7/14/2017 18:00:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287355	-.001887	-.000769	.0004977	.0168773	.0516117
Stddev	.0054081	.001738	.001586	.0038364	.0014219	.0064487
%RSD	18.82013	92.06861	206.3339	770.8155	8.424990	12.49464

#1	.0271902	-.003713	-.001796	.0049276	.0171125	.0442438
#2	.0347481	-.000254	-.001569	-.001703	.0153525	.0543626
#3	.0242683	-.001695	.001058	-.001731	.0181670	.0562288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277009	.0000776	.0005342	F 895.2548	.0029801	-.001410
Stddev	.0000904	.0000786	.0001952	3.1437	.0004769	.000508
%RSD	.3263266	101.2450	36.53790	.3511532	16.00269	36.00318

#1	.0276792	-.000001	.0005510	894.2399	.0033860	-.001995
#2	.0278002	.000156	.0003312	898.7806	.0030994	-.001083
#3	.0276233	.000077	.0007205	892.7438	.0024549	-.001152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192077	.0259294	.4107732	111.4108	.0033151	-.000138
Stddev	.0007692	.0037710	.0007150	.3736	.0007075	.000301
%RSD	4.004686	14.54320	.1740681	.3353646	21.34093	218.9647

#1	.0184305	.0248353	.4112778	111.1365	.0039990	-.000228
#2	.0192240	.0301264	.4110867	111.2595	.0025862	.000199
#3	.0199686	.0228264	.4099549	111.8363	.0033601	-.000383

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 831.6673	.0055073	.0323960	55.94890	.1920266	.6157407
Stddev	.6857	.0015711	.0089132	.25944	.0053528	.0024205
%RSD	.0824521	28.52729	27.51318	.4637152	2.787538	.3931007

#1	831.1410	.0036971	.0221126	55.78652	.1860474	.6160009
#2	831.4183	.0063091	.0379019	55.81207	.1963723	.6132006
#3	832.4428	.0065158	.0371736	56.24812	.1936603	.6180206

Sample Name: I4015-12 Acquired: 7/14/2017 18:00:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1044861	1143.029	6.617435	-.012160	-.013343	.0157919
Stddev	.0021080	13.392	.015818	.001207	.001015	.0002271
%RSD	2.017518	1.171631	.2390284	9.925051	7.609032	1.437925

#1	.1024987	1135.834	6.605347	-.012788	-.012311	.0159153
#2	.1066969	1158.480	6.635337	-.012922	-.014340	.0155298
#3	.1042626	1134.772	6.611620	-.010768	-.013379	.0159305

Elem	Sr4077
Units	ppm
Avg	.8507952
Stddev	.0011898
%RSD	.1398477

#1	.8503714
#2	.8498753
#3	.8521389

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	905.7263	1268.199	39803.56	5396.001	2148.344
Stddev	4.2872	27.323	138.12	8.472	37.721
%RSD	.4733424	2.154442	.3470128	.1570087	1.755808

#1	907.6271	1299.737	39653.02	5405.775	2191.414
#2	908.7345	1251.706	39924.44	5390.756	2121.187
#3	900.8174	1253.153	39833.23	5391.472	2132.431

Sample Name: I4015-13 Acquired: 7/14/2017 18:04:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763292	-.001153	.0003444	.0023593	.0192309	.0577296	.0543837
Stddev	.0083140	.001398	.0010711	.0043049	.0013460	.0044614	.0003909
%RSD	4.715016	121.2100	311.0165	182.4644	6.999211	7.728089	.7187900

#1	.1672027	-.002250	.0002204	.0008953	.0205606	.0619154	.0548315
#2	.1783134	-.001630	-.000659	-.001023	.0178691	.0530361	.0542088
#3	.1834715	.000421	.001472	.007205	.0192630	.0582374	.0541108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000503	.0006114	584.9307	.0036678	-.001358	.0363356	.0202239
Stddev	.0000519	.0000248	2.3364	.0004342	.000218	.0009650	.0050610
%RSD	103.2246	4.050969	.3994292	11.83861	16.08358	2.655803	25.02480

#1	.0000759	.0006262	587.2363	.0036871	-.001323	.0362134	.0255906
#2	.0000843	.0006252	582.5647	.0032243	-.001159	.0354376	.0155373
#3	-.000009	.0005828	584.9910	.0040921	-.001592	.0373560	.0195438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024936	62.96936	.0029724	-.000147	335.2211	.0038595	.0183646
Stddev	.0019859	.36632	.0002007	.000501	1.4072	.0007693	.0056010
%RSD	1.937564	.5817453	6.750442	340.9836	.4197760	19.93205	30.49893

#1	.1026719	63.38116	.0029013	-.000480	336.7151	.0030335	.0155613
#2	.1004246	62.67975	.0028170	.000430	335.0274	.0045554	.0147187
#3	.1043844	62.84718	.0031989	-.000391	333.9208	.0039895	.0248137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.83759	.2335904	.4016752	.1120726	526.6224	6.764429	-.008249
Stddev	.24708	.0047230	.0028548	.0000098	1.9664	.034830	.001776
%RSD	.8875711	2.021896	.7107181	.0087172	.3733940	.5149013	21.53096

#1	28.09858	.2388024	.4024880	.1120749	524.4798	6.804374	-.010124
#2	27.80688	.2323747	.3985022	.1120811	528.3446	6.740403	-.006592
#3	27.60730	.2295941	.4040355	.1120619	527.0428	6.748509	-.008031

Sample Name: I4015-13 Acquired: 7/14/2017 18:04:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008523	.0064330	.5091498
Stddev	.001077	.0005763	.0032208
%RSD	12.63139	8.958610	.6325947

#1	-.007450	.0063677	.5126491
#2	-.009603	.0058921	.5084911
#3	-.008517	.0070392	.5063092

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.5443	1328.970	41993.11	5760.318	2422.523
Stddev	8.2272	4.084	131.05	37.756	8.107
%RSD	.8889086	.3073377	.3120804	.6554584	.3346523

#1	920.4138	1327.395	41859.47	5717.417	2424.023
#2	921.1853	1333.608	41998.45	5775.049	2429.775
#3	935.0339	1325.908	42121.41	5788.489	2413.770

Sample Name: I4015-14 Acquired: 7/14/2017 18:08:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1874463	-.000428	.0010956	.0077474	.0182719	.0484214	.0191735
Stddev	.0058253	.002761	.0010927	.0024465	.0022997	.0016311	.0001406
%RSD	3.107739	644.4545	99.73635	31.57773	12.58619	3.368614	.7330942

#1	.1891377	.001977	-.000031	.0104239	.0201527	.0480097	.0190133
#2	.1809624	-.003443	.002151	.0056266	.0189552	.0470355	.0192306
#3	.1922387	.000181	.001166	.0071917	.0157080	.0502189	.0192764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001112	.0005669	616.3411	.0180094	-.002047	.0221726	.0647077
Stddev	.0000590	.0001334	3.8035	.0005918	.000411	.0010745	.0153209
%RSD	53.10486	23.53801	.6171102	3.286340	20.07042	4.846273	23.67712

#1	.0001178	.0004449	615.2213	.0183380	-.002453	.0210974	.0477077
#2	.0000491	.0007095	620.5788	.0183639	-.001631	.0232465	.0774480
#3	.0001666	.0005464	613.2232	.0173261	-.002058	.0221739	.0689675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032161	64.27199	.0076131	-.000189	418.4905	.0069840	.0174983
Stddev	.0010088	.26348	.0003355	.000151	.7546	.0013091	.0077951
%RSD	.9773138	.4099494	4.406200	79.64745	.1803080	18.74430	44.54751

#1	.1022382	64.12624	.0075172	-.000286	417.7243	.0071259	.0154798
#2	.1042531	64.57614	.0079861	-.000267	418.5143	.0082163	.0109110
#3	.1031570	64.11357	.0073361	-.000016	419.2329	.0056096	.0261041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.18694	.2525843	.4676260	.1336184	574.5905	7.052555	-.011321
Stddev	.10633	.0024265	.0012796	.0003512	1.7243	.011534	.000416
%RSD	.3303525	.9606695	.2736360	.2628588	.3000897	.1635398	3.673039

#1	32.25761	.2551631	.4691020	.1335197	573.0391	7.060055	-.011025
#2	32.06465	.2503461	.4669462	.1340084	574.2854	7.058335	-.011797
#3	32.23855	.2522437	.4668297	.1333270	576.4470	7.039274	-.011142

Sample Name: I4015-14 Acquired: 7/14/2017 18:08:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008603	.0071140	.5173954
Stddev	.000557	.0004721	.0013236
%RSD	6.475753	6.636762	.2558275

#1	-.008633	.0076544	.5159642
#2	-.009145	.0069060	.5176463
#3	-.008032	.0067816	.5185756

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	921.2977	1338.625	41301.60	5695.197	2381.747
Stddev	6.4240	3.968	127.27	12.951	4.516
%RSD	.6972725	.2964017	.3081405	.2274058	.1895992

#1	928.1612	1334.663	41399.40	5697.073	2377.988
#2	915.4294	1342.598	41157.71	5681.409	2386.756
#3	920.3025	1338.613	41347.69	5707.107	2380.496

Sample Name: I4015-15 Acquired: 7/14/2017 18:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118557	.0000163	-.000586	.0017123	.0061327	.0800807
Stddev	.0039991	.0034592	.002334	.0064780	.0020635	.0058482
%RSD	33.73116	21277.56	398.6427	378.3162	33.64713	7.302831

#1	.0164710	.0036077	-.001532	-.001226	.0084618	.0826125
#2	.0096766	-.003294	-.002298	-.002776	.0045330	.0733933
#3	.0094195	-.000265	.002073	.009139	.0054032	.0842365

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699462	-.000003	.0003405	688.3129	.0021365	-.001720
Stddev	.0001639	.000098	.0000443	.9036	.0004150	.000231
%RSD	.2343362	3758.815	13.00729	.1312810	19.42455	13.44487

#1	.0697940	-.000095	.0003894	687.3924	.0026135	-.001604
#2	.0701197	.000100	.0003291	688.3477	.0018580	-.001986
#3	.0699249	-.000012	.0003031	689.1986	.0019381	-.001569

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158781	.0362370	.2422949	112.6130	.0020561	.0001403
Stddev	.0010513	.0107375	.0014348	.0706	.0001904	.0004010
%RSD	6.620794	29.63136	.5921709	.0626576	9.258759	285.8420

#1	.0151999	.0475138	.2422206	112.5343	.0022001	-.000322
#2	.0153455	.0261355	.2437653	112.6340	.0021280	.000400
#3	.0170891	.0350618	.2408986	112.6706	.0018403	.000342

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1822.543	.0011361	.0194585	57.13205	.0793246	.4799673
Stddev	5.775	.0020548	.0049570	.23940	.0018103	.0016887
%RSD	.3168811	180.8647	25.47455	.4190223	2.282146	.3518345

#1	1820.550	.0008841	.0181777	57.04887	.0813762	.4793423
#2	1829.051	-.000781	.0249302	57.40195	.0786459	.4786802
#3	1818.028	.003305	.0152677	56.94535	.0779518	.4818794

Sample Name: I4015-15 Acquired: 7/14/2017 18:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614863	921.2756	2.296848	-.012529	-.009951	.0132999
Stddev	.0008214	3.5996	.001958	.001297	.000804	.0006666
%RSD	1.335869	.3907161	.0852623	10.34920	8.083073	5.011687

#1	.0609336	923.7100	2.296281	-.012714	-.010682	.0140108
#2	.0610952	917.1409	2.299028	-.011150	-.010083	.0126889
#3	.0624301	922.9759	2.295236	-.013724	-.009089	.0132001

Elem	Sr4077
Units	ppm
Avg	.6148210
Stddev	.0010679
%RSD	.1736844

#1	.6147763
#2	.6159105
#3	.6137763

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	896.3460	1275.994	38512.11	5556.479	2061.977
Stddev	5.1842	14.728	176.17	18.452	19.661
%RSD	.5783734	1.154234	.4574340	.3320739	.9534840

#1	892.5793	1291.882	38634.92	5574.489	2083.678
#2	894.2001	1273.304	38310.27	5537.616	2056.901
#3	902.2586	1262.796	38591.14	5557.332	2045.352

Sample Name: I4015-16 Acquired: 7/14/2017 18:16:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292425	-.005827	.0927777	.0024254	-.003443	.1354209
Stddev	.0026931	.002742	.0015917	.0056860	.002027	.0080915
%RSD	9.209621	47.05805	1.715628	234.4384	58.86880	5.975109

#1	.0262321	-.002673	.0946061	-.002133	-.001980	.1268145
#2	.0314228	-.007163	.0917019	.000612	-.002592	.1428739
#3	.0300728	-.007646	.0920249	.008797	-.005757	.1365742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3843705	.0000905	-.000295	F 948.2833	.0059274	.0027667
Stddev	.0007718	.0000769	.000181	3.3871	.0003659	.0004266
%RSD	.2007962	84.98667	61.50516	.3571786	6.173178	15.42010

#1	.3835026	.0000023	-.000381	950.8863	.0055947	.0022795
#2	.3846290	.0001254	-.000086	949.5098	.0058680	.0030735
#3	.3849799	.0001438	-.000417	944.4539	.0063193	.0029471

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6318856	.2299201	.0018123	.1266795	.1086755	-.000590
Stddev	.0046107	.0175497	.0004475	.0265575	.0018638	.000338
%RSD	.7296790	7.632945	24.69319	20.96428	1.715041	57.24622

#1	.6265616	.2434312	.0013525	.1507942	.1102056	-.000423
#2	.6345381	.2100849	.0018379	.0982161	.1092211	-.000368
#3	.6345572	.2362443	.0022464	.1310284	.1065997	-.000978

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1977.521	-.002657	.0351369	60.54987	.0972153	.0093272
Stddev	3.036	.002115	.0160933	.37197	.0055202	.0012184
%RSD	.1535240	79.60385	45.80162	.6143142	5.678315	13.06259

#1	1974.384	-.002768	.0191255	60.21791	.0937815	.0101634
#2	1977.733	-.004715	.0349744	60.47983	.1035829	.0098888
#3	1980.445	-.000489	.0513109	60.95188	.0942814	.0079293

Sample Name: I4015-16 Acquired: 7/14/2017 18:16:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1642360	361.1530	.4227245	-.009718	-.011091	.0051360
Stddev	.0029781	7.0676	.0029409	.002332	.000951	.0005138
%RSD	1.813328	1.956954	.6956888	23.99703	8.572164	10.00416

#1	.1647262	366.1963	.4230057	-.008750	-.010790	.0047759
#2	.1669386	364.1879	.4196532	-.012379	-.010327	.0049077
#3	.1610432	353.0748	.4255147	-.008026	-.012155	.0057244

Elem	Sr4077
Units	ppm
Avg	2.338741
Stddev	.004347
%RSD	.1858768

#1	2.333764
#2	2.340664
#3	2.341796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	862.7746	1248.741	37222.98	5576.607	2023.251
Stddev	2.4026	18.627	82.82	13.040	29.973
%RSD	.2784715	1.491623	.2224912	.2338409	1.481428

#1	863.2344	1241.732	37304.86	5591.662	2004.192
#2	860.1754	1234.636	37139.25	5568.809	2007.762
#3	864.9141	1269.856	37224.83	5569.351	2057.800

Sample Name: I4015-17 Acquired: 7/14/2017 18:20:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182818	-.003078	-.000553	.0037824	.0127659	.0543414	.0421001
Stddev	.0082874	.001050	.001168	.0016925	.0005851	.0006261	.0003568
%RSD	45.33155	34.10468	211.0518	44.74680	4.583157	1.152197	.8474033

#1	.0164781	-.004024	-.001410	.0022867	.0123724	.0541650	.0420163
#2	.0110447	-.001949	-.001027	.0034408	.0134382	.0550369	.0424913
#3	.0273225	-.003260	.000777	.0056196	.0124870	.0538225	.0417927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000927	.0004827	611.5626	.0018271	-.001347	.0149704	.0125679
Stddev	.0000972	.0000672	2.2398	.0003905	.000139	.0003886	.0061896
%RSD	104.7612	13.92921	.3662488	21.37453	10.32381	2.595786	49.24906

#1	.0001096	.0004636	614.1427	.0014442	-.001339	.0145661	.0196485
#2	.0001804	.0005574	610.1164	.0018122	-.001212	.0153412	.0081848
#3	-.000012	.0004270	610.4288	.0022248	-.001490	.0150038	.0098705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3609674	137.1542	.0017216	.0000884	766.8862	.0017473	.0026492
Stddev	.0008562	.1171	.0003503	.0002981	1.6116	.0018071	.0062156
%RSD	.2371884	.0854027	20.34639	337.3182	.2101548	103.4238	234.6249

#1	.3611126	137.0530	.0018766	-.000116	765.3620	.0020350	.0084919
#2	.3617417	137.1272	.0013205	.000430	768.5730	.0033932	-.003882
#3	.3600479	137.2825	.0019675	-.000050	766.7236	-.000186	.003338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.03850	.1161644	.5282361	.0956545	695.2369	4.254936	-.010507
Stddev	.33210	.0027344	.0024728	.0001202	1.4458	.032017	.001447
%RSD	.6636907	2.353914	.4681206	.1256977	.2079510	.7524677	13.77383

#1	49.66382	.1185578	.5296577	.0956532	694.2708	4.260155	-.012168
#2	50.29655	.1131842	.5296698	.0957753	694.5408	4.284022	-.009514
#3	50.15515	.1167511	.5253808	.0955349	696.8990	4.220630	-.009841

Sample Name: I4015-17 Acquired: 7/14/2017 18:20:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009363	.0146856	.4716233
Stddev	.000615	.0004154	.0010079
%RSD	6.570588	2.828459	.2137052

#1	-.008920	.0144241	.4704898
#2	-.009104	.0144681	.4724187
#3	-.010066	.0151646	.4719613

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.3682	1329.714	41208.34	5797.862	2303.655
Stddev	12.1726	4.591	220.18	7.872	6.329
%RSD	1.309772	.3452503	.5342996	.1357733	.2747387

#1	928.5714	1325.755	41269.28	5802.319	2299.089
#2	941.9197	1334.746	41391.63	5788.773	2310.879
#3	917.6136	1328.642	40964.11	5802.495	2300.995

Sample Name: I4015-18 Acquired: 7/14/2017 18:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1795436	.0016755	.0019944	.0038881	.0196791	.0468242	.0208696
Stddev	.0014650	.0020764	.0035124	.0035110	.0016149	.0091883	.0001345
%RSD	.8159690	123.9303	176.1115	90.30245	8.206245	19.62307	.6444033

#1	.1798853	.0039669	.0058908	.0014074	.0194486	.0444279	.0208073
#2	.1808075	-.000081	-.000929	.0023513	.0181919	.0390715	.0207776
#3	.1779379	.001141	.001021	.0079054	.0213969	.0569733	.0210240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000741	.0010242	619.4212	.0035262	-.001402	.0211550	.0089550
Stddev	.0000912	.0000955	3.8226	.0004009	.000435	.0007499	.0055836
%RSD	123.0586	9.318980	.6171320	11.36948	30.99012	3.544859	62.35197

#1	.0000328	.0010984	615.4883	.0038541	-.001669	.0219649	.0086746
#2	.0000109	.0009166	619.6523	.0036452	-.001637	.0204847	.0146735
#3	.0001786	.0010576	623.1231	.0030792	-.000901	.0210153	.0035169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1560718	70.96526	.0028744	-.000164	449.7149	.0048547	.0138395
Stddev	.0018872	.24840	.0003875	.000532	1.3729	.0024757	.0054357
%RSD	1.209191	.3500364	13.48070	323.9305	.3052887	50.99592	39.27677

#1	.1567347	70.77618	.0032580	-.000640	448.5454	.0077092	.0176594
#2	.1575382	70.87300	.0024831	-.000263	449.3728	.0032920	.0076164
#3	.1539426	71.24659	.0028821	.000410	451.2266	.0035631	.0162427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.50159	.2362132	.5186870	.1338485	576.0929	7.665108	-.009388
Stddev	.13017	.0060756	.0037276	.0009595	3.3561	.047704	.001439
%RSD	.3885586	2.572086	.7186693	.7168549	.5825638	.6223473	15.32408

#1	33.40460	.2431264	.5149222	.1331895	579.6759	7.641959	-.010948
#2	33.45064	.2337904	.5187624	.1334067	575.5799	7.633395	-.008114
#3	33.64954	.2317228	.5223763	.1349494	573.0228	7.719969	-.009102

Sample Name: I4015-18 Acquired: 7/14/2017 18:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008575	.0078370	.5500972
Stddev	.000987	.0004822	.0018251
%RSD	11.51261	6.153290	.3317853

#1	-.009714	.0078288	.5489328
#2	-.008045	.0083232	.5491581
#3	-.007965	.0073589	.5522007

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.1145	1318.896	41077.65	5631.151	2352.816
Stddev	8.6642	4.170	123.26	31.164	1.732
%RSD	.9365525	.3161972	.3000696	.5534165	.0736227

#1	931.1077	1319.102	41218.29	5659.417	2352.408
#2	929.0554	1322.960	41026.31	5636.303	2354.715
#3	915.1803	1314.627	40988.37	5597.732	2351.324

Sample Name: I4015-19 Acquired: 7/14/2017 18:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2320734	-.003070	.0189160	.0011850	.0187972	1.605057	.3582311
Stddev	.0014705	.001906	.0033615	.0008744	.0006679	.004854	.0222129
%RSD	.6336473	62.07520	17.77082	73.79382	3.552891	.3024234	6.200731

#1	.2336063	-.001199	.0200874	.0011692	.0183539	1.610648	.3799838
#2	.2319393	-.005009	.0215350	.0020672	.0184725	1.602598	.3591245
#3	.2306744	-.003002	.0151255	.0003186	.0195654	1.601924	.3355849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001999	.0019285	631.0710	.0156004	-.000700	.0436239	3.310623
Stddev	.0000650	.0001561	3.2456	.0006890	.000255	.0007361	.033624
%RSD	32.51106	8.094366	.5143064	4.416889	36.38958	1.687449	1.015638

#1	.0001357	.0018437	632.5417	.0160524	-.000961	.0427843	3.337711
#2	.0001983	.0018331	633.3210	.0159415	-.000688	.0441587	3.321167
#3	.0002657	.0021086	627.3504	.0148073	-.000452	.0439288	3.272991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1767705	69.84460	.0042240	-.000215	429.6752	.0103696	.0822771
Stddev	.0005858	.05366	.0004584	.000282	.0376	.0014210	.0137516
%RSD	.3314002	.0768247	10.85192	130.8871	.0087442	13.70381	16.71375

#1	.1766968	69.79820	.0037753	.000046	429.6450	.0119241	.0962461
#2	.1773897	69.90336	.0042054	-.000514	429.6631	.0091374	.0818314
#3	.1762250	69.83225	.0046915	-.000177	429.7173	.0100473	.0687537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.44931	.5713228	.4889192	.1271081	569.3129	9.772513	-.007000
Stddev	.07955	.0054188	.0014167	.0004922	.4238	.035695	.000512
%RSD	.2451576	.9484732	.2897637	.3872627	.0744469	.3652630	7.319477

#1	32.50959	.5653375	.4901413	.1265432	569.6033	9.806290	-.006410
#2	32.35915	.5758954	.4892497	.1273354	568.8266	9.735168	-.007325
#3	32.47920	.5727356	.4873664	.1274455	569.5089	9.776082	-.007267

Sample Name: I4015-19 Acquired: 7/14/2017 18:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0603643	.0100631	.7352135
Stddev	.0004461	.0004387	.0011871
%RSD	.7390246	4.359164	.1614598

#1	.0608694	.0098132	.7365574
#2	.0601993	.0105696	.7347754
#3	.0600243	.0098065	.7343077

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.5940	1324.975	41069.90	5624.271	2344.443
Stddev	2.1454	4.157	67.03	5.228	7.773
%RSD	.2320387	.3137216	.1632217	.0929546	.3315317

#1	926.3750	1323.439	41116.55	5619.582	2338.208
#2	922.2122	1329.681	40993.08	5629.908	2353.151
#3	925.1947	1321.804	41100.07	5623.322	2341.970

Sample Name: I4015-03 Acquired: 7/14/2017 18:32:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522098	.0623725	.0197674	.0745825	.1205342	2.144611
Stddev	.0061534	.0034088	.0005077	.0037816	.0019941	.007120
%RSD	11.78595	5.465269	2.568546	5.070411	1.654363	.3320069

#1	.0530712	.0656540	.0203001	.0788030	.1182602	2.141393
#2	.0578871	.0626142	.0192890	.0715020	.1213580	2.152772
#3	.0456710	.0588492	.0197131	.0734425	.1219844	2.139668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.195797	.0416310	.0473176	F 1226.410	.2176674	.4499121
Stddev	.011606	.0001533	.0002037	5.215	.0011738	.0010534
%RSD	.5285365	.3681314	.4305388	.4251914	.5392844	.2341381

#1	2.200652	.0418003	.0472527	1228.964	.2190227	.4505979
#2	2.204187	.0415018	.0471541	1229.856	.2169767	.4486992
#3	2.182552	.0415908	.0475458	1220.411	.2170027	.4504392

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3017100	1.086902	.5131598	.0691581	.5115791	.0248558
Stddev	.0038039	.012461	.0011132	.0148598	.0011826	.0003487
%RSD	1.260788	1.146503	.2169262	21.48667	.2311654	1.402715

#1	.3027559	1.085859	.5137528	.0713605	.5118920	.0245513
#2	.3048816	1.099852	.5138510	.0533200	.5102716	.0247800
#3	.2974926	1.074995	.5118757	.0827937	.5125739	.0252361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	362.9568	.4583010	.5934483	163.3485	.0353263	.0011698
Stddev	1.7931	.0012295	.0113893	.9601	.0039392	.0009015
%RSD	.4940322	.2682723	1.919180	.5877640	11.15086	77.06013

#1	363.4739	.4572708	.5821164	162.9319	.0374807	.0010226
#2	364.4345	.4596621	.6048943	164.4465	.0377184	.0003510
#3	360.9619	.4579700	.5933343	162.6671	.0307798	.0021358

Sample Name: I4015-03 Acquired: 7/14/2017 18:32:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1316255	911.2920	2.103200	-.010606	-.017698	.0503989
Stddev	.0006934	1.9040	.011791	.001595	.001566	.0009082
%RSD	.5268385	.2089380	.5606408	15.03722	8.848915	1.802106

#1	.1315789	909.1811	2.116681	-.008904	-.019359	.0500647
#2	.1323410	912.8797	2.098114	-.010846	-.017486	.0514269
#3	.1309565	911.8153	2.094805	-.012066	-.016248	.0497052

Elem	Sr4077
Units	ppm
Avg	11.17999
Stddev	.08005
%RSD	.7160131

#1	11.13718
#2	11.27234
#3	11.13045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	872.2521	1235.358	39351.94	5588.789	2166.929
Stddev	11.3749	8.166	244.27	9.119	10.596
%RSD	1.304080	.6610076	.6207409	.1631661	.4889690

#1	884.4194	1244.015	39578.95	5594.392	2179.150
#2	861.8841	1227.793	39093.46	5578.266	2161.329
#3	870.4527	1234.265	39383.42	5593.708	2160.309

Sample Name: I4013-01A Acquired: 7/14/2017 18:37:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.629385	-.025752	1.016135	.0657135	.0106926	90.71206
Stddev	.020862	.000726	.004565	.0002327	.0011583	.19881
%RSD	.7934315	2.817330	.4492749	.3541624	10.83296	.2191710

#1	2.648858	-.026392	1.021401	.0659820	.0104446	90.73703
#2	2.631932	-.025902	1.013714	.0655892	.0096784	90.89721
#3	2.607367	-.024964	1.013291	.0655694	.0119549	90.50194

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.219193	.0060335	.0511038	F 893.3194	.5336206	.0566242
Stddev	.046289	.0001939	.0002596	2.0534	.0012646	.0001964
%RSD	1.437917	3.214382	.5080645	.2298604	.2369815	.3467960

#1	3.170928	.0061609	.0510345	891.1093	.5332664	.0564085
#2	3.263215	.0061293	.0513911	895.1681	.5325709	.0567926
#3	3.223437	.0058103	.0508859	893.6807	.5350245	.0566714

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088717	192.2028	3.136235	54.82041	.1390695	-.003843
Stddev	.003328	.1092	.007303	.10875	.0008270	.000175
%RSD	.3056682	.0568108	.2328616	.1983723	.5946305	4.551043

#1	1.091096	192.1446	3.132529	54.79691	.1388381	-.004005
#2	1.090142	192.3288	3.144648	54.72533	.1383829	-.003866
#3	1.084914	192.1350	3.131528	54.93899	.1399875	-.003658

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.80736	.2771001	3.486087	17.41072	14.44121	-.354259
Stddev	.05057	.0023561	.023350	.05507	.07056	.002872
%RSD	.1495748	.8502684	.6698125	.3162770	.4885795	.8107201

#1	33.81972	.2798008	3.469700	17.38336	14.41908	-.354897
#2	33.85060	.2754655	3.512823	17.47410	14.52019	-.356758
#3	33.75175	.2760341	3.475739	17.37468	14.38438	-.351121

Sample Name: I4013-01A Acquired: 7/14/2017 18:37:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255260	276.8968	10.40842	.0391160	2.788626	.1535470
Stddev	.0002271	.8473	.02578	.0008498	.005057	.0008762
%RSD	.8895424	.3060006	.2477151	2.172435	.1813277	.5706041

#1	.0255599	276.5966	10.42952	.0391430	2.791088	.1543115
#2	.0252839	277.8533	10.41606	.0399519	2.791981	.1537386
#3	.0257342	276.2404	10.37968	.0382530	2.782810	.1525909

Elem	Sr4077
Units	ppm
Avg	4.567747
Stddev	.022483
%RSD	.4922057

#1	4.582256
#2	4.579135
#3	4.541848

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.681	1505.794	47091.18	6087.817	2421.105
Stddev	9.638	9.636	120.87	18.134	8.878
%RSD	.9270474	.6399487	.2566809	.2978776	.3667002

#1	1035.661	1497.585	46996.93	6072.243	2412.263
#2	1032.704	1503.393	47049.16	6083.482	2421.033
#3	1050.679	1516.403	47227.46	6107.725	2430.019

Sample Name: CCV094 Acquired: 7/14/2017 18:45:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037438	4.519704	22.63643	4.839480	5.151987	387.3831
Stddev	.010598	.017023	.04423	.016985	.027224	.8412
%RSD	.2103758	.3766439	.1953815	.3509750	.5284186	.2171478

#1	5.037071	4.528856	22.68374	4.825061	5.130267	386.4272
#2	5.027028	4.500062	22.59612	4.835176	5.143167	387.7116
#3	5.048214	4.530193	22.62943	4.858203	5.182528	388.0105

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21974	F .4422250	2.334017	379.1667	16.63682	2.306800
Stddev	.04220	.0046497	.002782	1.7407	.05865	.001713
%RSD	.4128859	1.051437	.1191746	.4590768	.3525527	.0742471

#1	10.26776	.4446162	2.337140	379.9958	16.58768	2.306837
#2	10.18861	.4451925	2.331806	380.3379	16.70175	2.305069
#3	10.20284	.4368663	2.333105	377.1665	16.62102	2.308494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15014	379.5918	14.08395	393.0980	2.274895	1.282921
Stddev	.06825	.9116	.04178	1.2671	.006652	.002922
%RSD	.4504683	.2401514	.2966698	.3223281	.2924172	.2277273

#1	15.10698	379.5288	14.08884	392.4526	2.269499	1.280064
#2	15.11463	380.5333	14.12307	394.5578	2.272858	1.282797
#3	15.22882	378.7134	14.03994	392.2836	2.282327	1.285903

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.8734	2.304193	14.57188	152.5132	5.085187	F 3.903707
Stddev	.4291	.007471	.07558	.2055	.029017	.027108
%RSD	.1067749	.3242381	.5186550	.1347702	.5706101	.6944260

#1	402.3559	2.299935	14.52408	152.4024	5.092695	3.913516
#2	401.7295	2.312820	14.53255	152.3867	5.053154	3.924545
#3	401.5346	2.299825	14.65901	152.7503	5.109711	3.873059

Sample Name: CCV094 Acquired: 7/14/2017 18:45:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.743874	4.635095	4.547131	F 4.471236	4.799639	5.536378
Stddev	.017859	.006327	.027774	.009794	.009620	.006098
%RSD	.3764561	.1364992	.6108037	.2190340	.2004373	.1101390

#1	4.724831	4.637281	4.560904	4.464665	4.802080	5.533450
#2	4.746542	4.627965	4.565327	4.466551	4.807803	5.532296
#3	4.760248	4.640039	4.515162	4.482492	4.789033	5.543387

Elem	Sr4077
Units	ppm
Avg	4.843294
Stddev	.013425
%RSD	.2771963

#1	4.835594
#2	4.835492
#3	4.858797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.4096	1361.679	43876.82	5826.351	2233.663
Stddev	3.8963	6.759	282.17	17.967	8.884
%RSD	.4069626	.4963495	.6430906	.3083787	.3977459

#1	959.7778	1367.702	44042.29	5821.491	2237.711
#2	959.5383	1362.966	44037.15	5811.313	2239.803
#3	952.9127	1354.370	43551.01	5846.248	2223.476

Sample Name: CCB094 Acquired: 7/14/2017 18:50:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001658	.0001063	-.000458	.0006952	-.002020	-.004082	.0026653
Stddev	.0023434	.0004342	.000606	.0009711	.000925	.001381	.0002620
%RSD	1413.552	408.3092	132.1809	139.6881	45.76913	33.83340	9.828127

#1	.0003353	-.000374	-.001035	-.000389	-.000953	-.005673	.0028787
#2	-.002258	.000471	-.000513	.000990	-.002585	-.003189	.0027441
#3	.002420	.000221	.000173	.001485	-.002523	-.003384	.0023730

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000382	-.000082	.0061174	.0001584	.0002149	.0016416	-.002043
Stddev	.0000693	.000120	.0019879	.0001842	.0001290	.0009565	.003933
%RSD	181.5306	146.2550	32.49611	116.3177	60.01926	58.26364	192.5299

#1	.0000419	-.000183	.0084107	.0003573	.0002177	.0007342	-.005926
#2	-.000033	.000051	.0050574	-.000006	.0000845	.0026406	-.002138
#3	.000106	-.000114	.0048841	.000124	.0003424	.0015502	.001937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000982	-.005979	.0000429	.0003097	-.002540	-.000836	.0139168
Stddev	.0002688	.031337	.0003017	.0001257	.023462	.001022	.0014842
%RSD	273.7043	524.1431	703.0986	40.58979	923.5821	122.2772	10.66519

#1	.0003445	.023751	.0003908	.0004282	.005312	-.001140	.0136514
#2	.0001387	-.002979	-.000148	.0001778	-.028921	-.001670	.0125831
#3	-.000189	-.038708	-.000114	.0003231	.015989	.000304	.0155158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.100144	-.002135	.0025652	.0004222	.0146948	-.004279	-.000197
Stddev	.015288	.000731	.0001915	.0002886	.0017292	.000367	.000875
%RSD	15.26585	34.21768	7.464192	68.36087	11.76754	8.569789	444.2846

#1	-.091058	-.002110	.0025478	.0004780	.0139805	-.003864	.000200
#2	-.117794	-.001417	.0023830	.0001098	.0166668	-.004417	.000409
#3	-.091578	-.002878	.0027648	.0006789	.0134372	-.004558	-.001199

Sample Name: CCB094 Acquired: 7/14/2017 18:50:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v65) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009165	.0004860	.0000394
Stddev	.0004678	.0003792	.0000363
%RSD	51.03877	78.02638	92.12787

#1	.0004976	.0006532	.0000759
#2	.0008307	.0000519	.0000033
#3	.0014213	.0007527	.0000389

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.915	1758.367	53793.77	6358.490	3782.145
Stddev	6.526	5.338	148.52	30.870	9.182
%RSD	.5443440	.3035499	.2760932	.4854939	.2427608

#1	1196.118	1753.473	53767.49	6324.678	3771.547
#2	1194.253	1764.058	53660.15	6365.623	3787.690
#3	1206.373	1757.569	53953.68	6385.170	3787.199