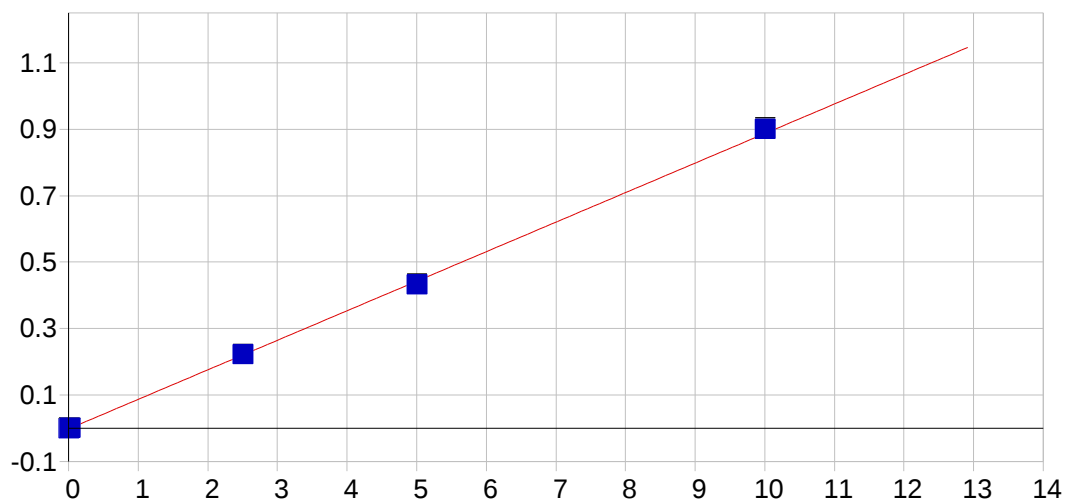




As 189.042 {478}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000897

Re-Slope: 1.000000

A1 (Gain): 0.088886

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999851

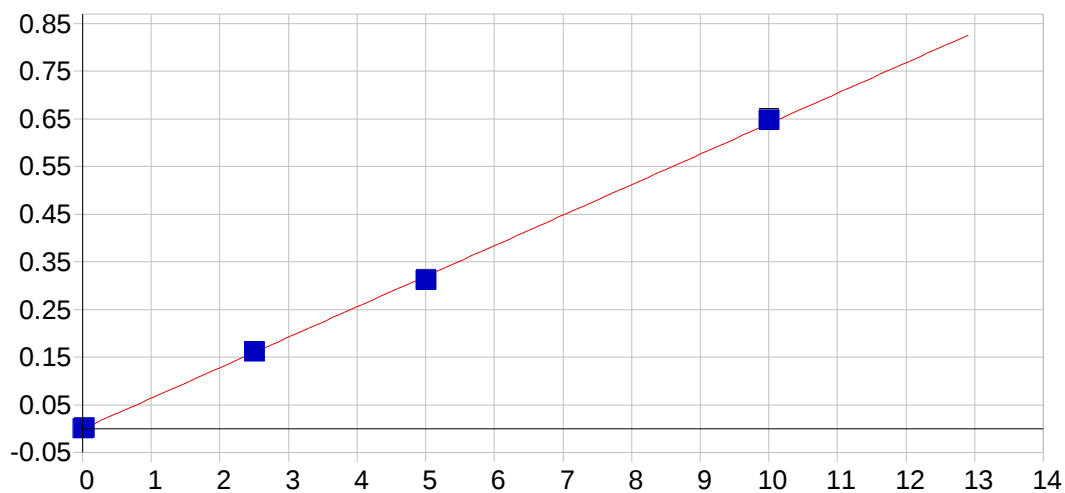
Status: OK.

Std Error of Est: 0.000037

Predicted MDL: 0.002905

Predicted MQL: 0.009683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00090	.000	1
S1	.02000	.02114	.001	5.68	.00098	.000	1
S3	2.5000	2.5030	.003	.121	.22157	.001	1
S4	5.0000	4.8675	-.132	-2.65	.43173	.002	1
S5	10.000	10.128	.128	1.28	.89931	.003	1



As 189.042 {479}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

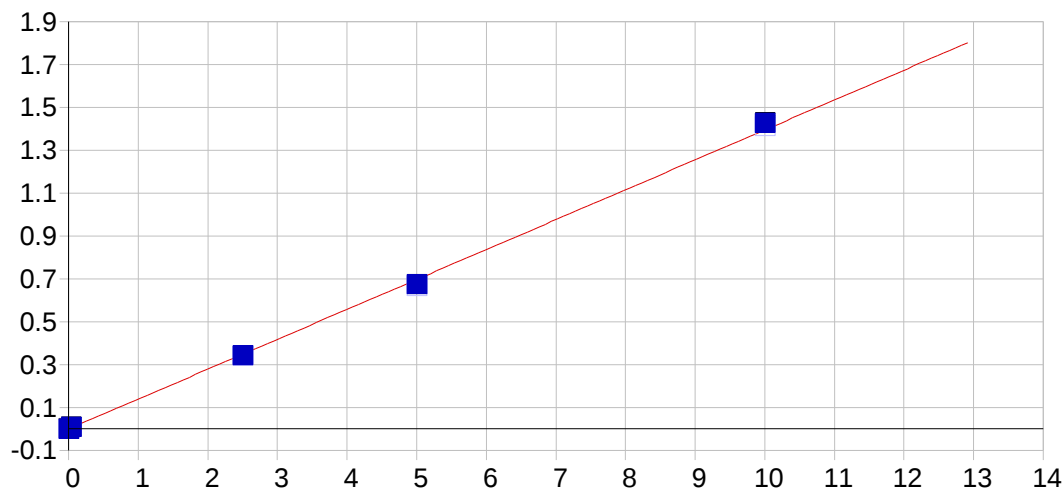
Weighting: 1/Conc

A0 (Offset): -0.000126

Re-Slope: 1.000000

A1 (Gain): 0.063997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002605
 Predicted MQL: 0.008682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02228	.002	11.4	.00130	.000	1
S3	2.5000	2.5070	.007	.279	.16031	.001	1
S4	5.0000	4.8746	-.125	-2.51	.31184	.001	1
S5	10.000	10.116	.116	1.16	.64728	.002	1

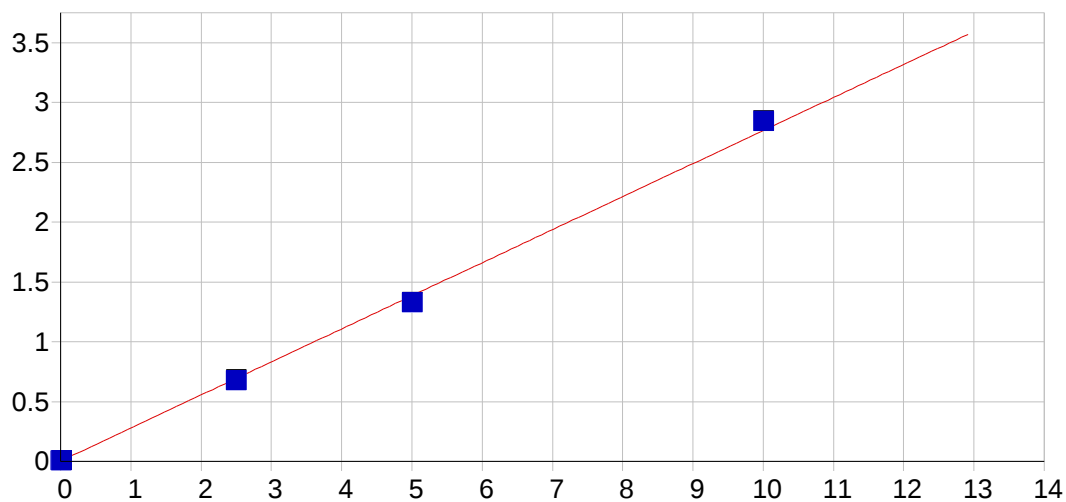


TI 190.856 {477}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.139516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999615 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.001475
 Predicted MQL: 0.004917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00013	.000	1
S1	.04000	.04756	.008	18.9	.00636	.000	1
S3	2.5000	2.4529	-.047	-1.89	.33851	.001	1
S4	5.0000	4.8233	-.177	-3.53	.66564	.002	1
S5	10.000	10.216	.216	2.16	1.4109	.003	1

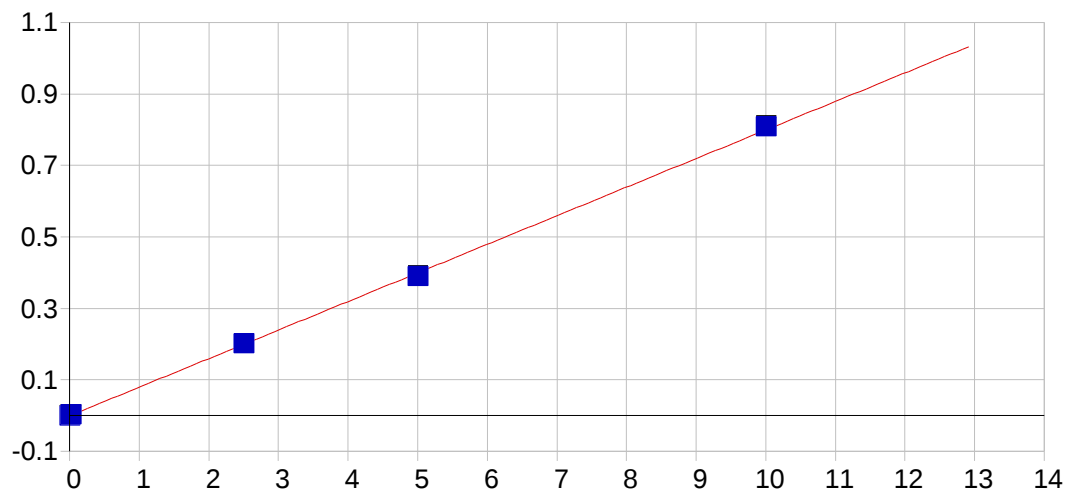


Pb 220.353 {453}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003139 Re-Slope: 1.000000
 A1 (Gain): 0.276234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999453 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.001092
 Predicted MQL: 0.003641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00314	.000	1
S1	.01200	.01355	.002	12.9	.00682	.000	1
S3	2.5000	2.4351	-.065	-2.60	.67492	.002	1
S4	5.0000	4.7834	-.217	-4.33	1.3227	.003	1
S5	10.000	10.280	.280	2.80	2.8394	.006	1



Se 196.090 {472}

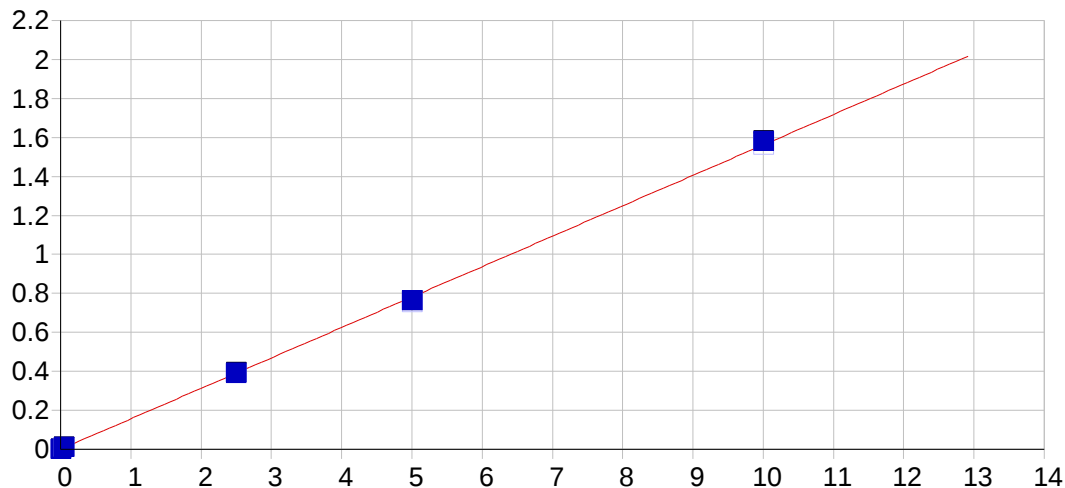
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000698 Re-Slope: 1.000000
 A1 (Gain): 0.079989 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843
 Std Error of Est: 0.000034
 Predicted MDL: 0.002958
 Predicted MQL: 0.009862

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00070	.000	1
S1	.02000	.02430	.004	21.5	.00125	.000	1
S3	2.5000	2.5187	.019	.749	.20075	.000	1
S4	5.0000	4.8715	-.129	-2.57	.38892	.002	1
S5	10.000	10.106	.106	1.06	.80753	.003	1



Sb 206.833 {463}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

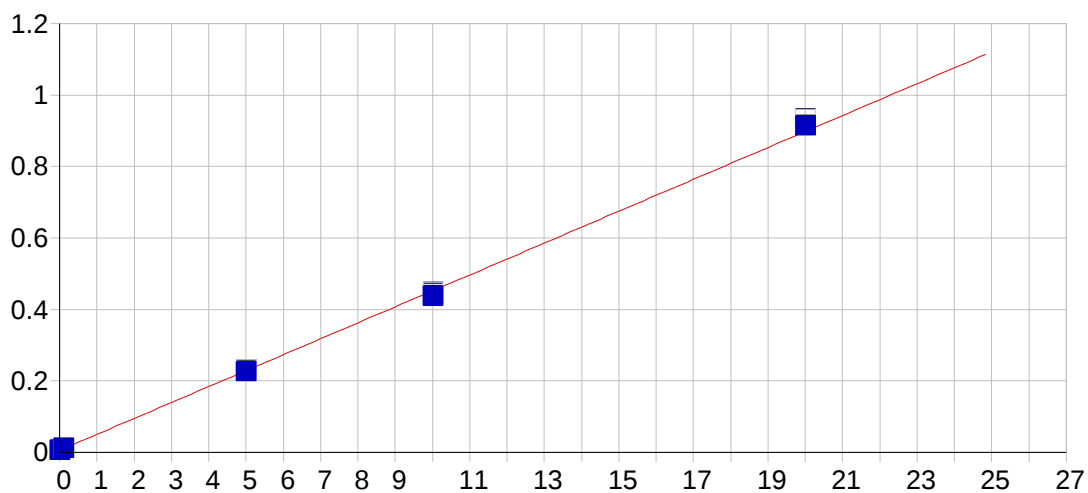
Weighting: 1/Conc

A0 (Offset): 0.000543
 A1 (Gain): 0.156112
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805
 Std Error of Est: 0.000117
 Predicted MDL: 0.001826
 Predicted MQL: 0.006087

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00054	.000	1
S1	.05000	.06068	.011	21.4	.00982	.000	1
S3	2.5000	2.5084	.008	.336	.38775	.002	1
S4	5.0000	4.8729	-.127	-2.54	.75249	.002	1
S5	10.000	10.108	.108	1.08	1.5610	.005	1

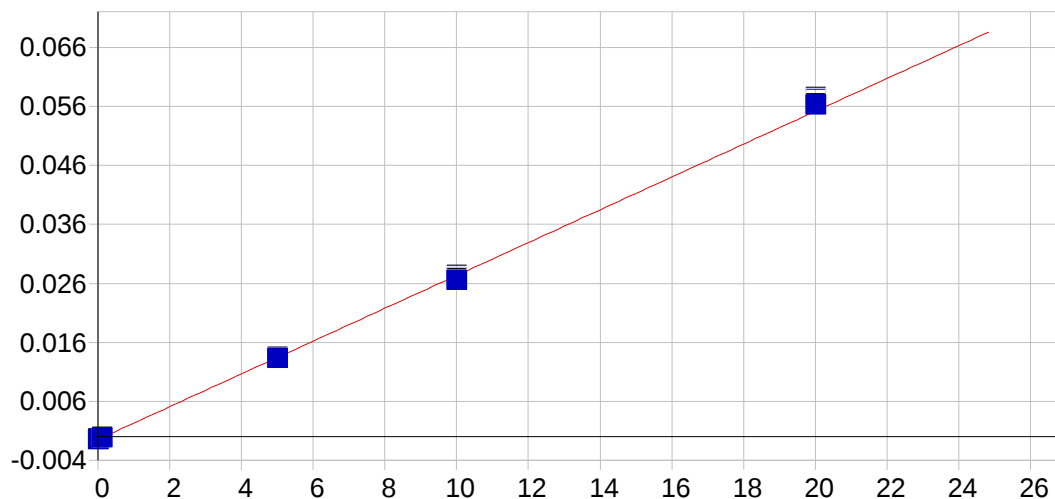


AI 308.215 {109}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005661 Re-Slope: 1.000000
 A1 (Gain): 0.044617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.002755
 Predicted MQL: 0.009182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00566	.000	1
S1	.10000	.11512	.015	15.1	.01111	.000	1
S3	5.0000	4.9485	-.051	-1.03	.23089	.001	1
S4	10.000	9.6753	-.325	-3.25	.44623	.001	1
S5	20.000	20.360	.360	1.80	.93185	.001	1



AI 309.271 {109}

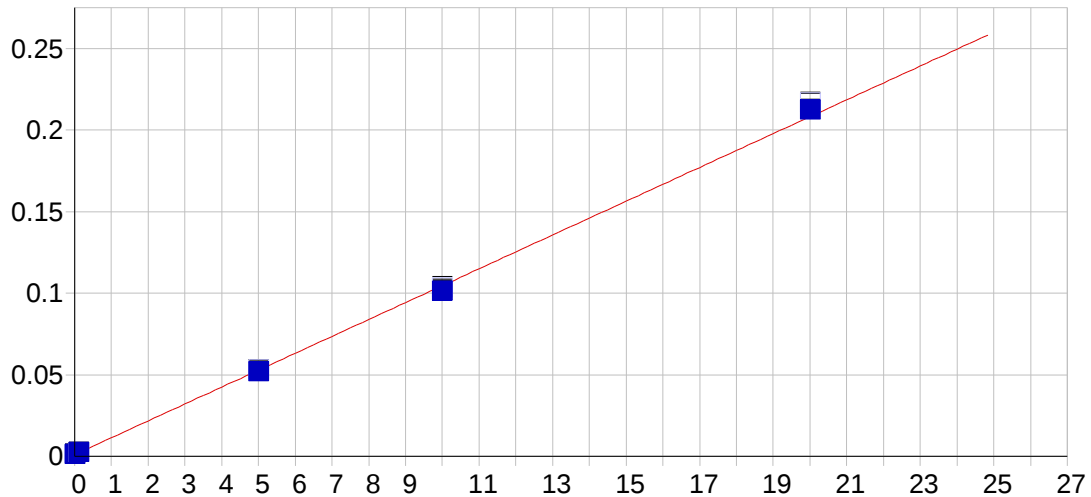
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.002782 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740
 Std Error of Est: 0.000005
 Predicted MDL: 0.028180
 Predicted MQL: 0.093933

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00048	.000	1
S1	.10000	.10820	.008	8.20	-.00016	.000	1
S3	5.0000	4.9188	-.081	-1.62	.01349	.000	1
S4	10.000	9.6891	-.311	-3.11	.02703	.000	1
S5	20.000	20.384	.384	1.92	.05734	.000	1



AI 396.152 { 85}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

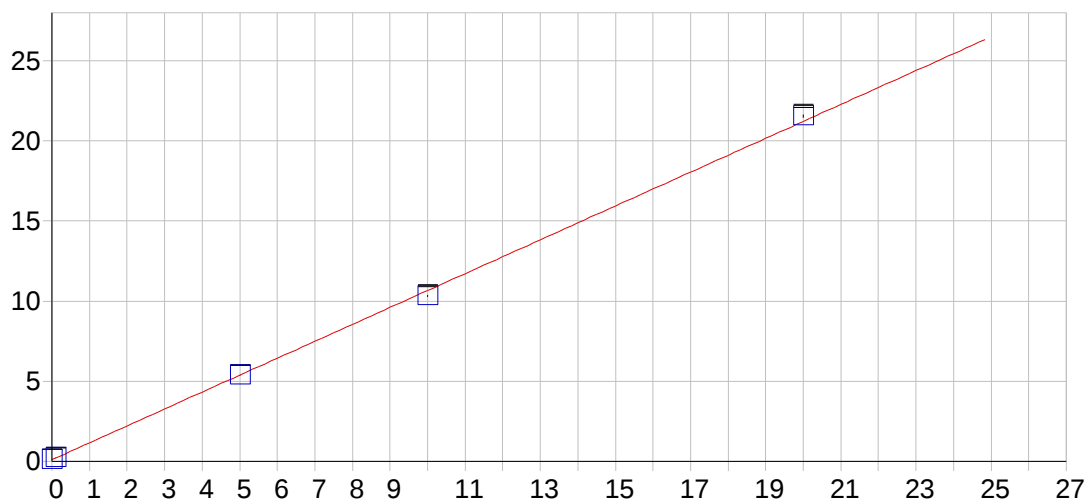
Weighting: 1/Conc

A0 (Offset): 0.001019
 A1 (Gain): 0.010356
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689
 Std Error of Est: 0.000020
 Predicted MDL: 0.012101
 Predicted MQL: 0.040336

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00102	.000	1
S1	.10000	.11204	.012	12.0	.00225	.000	1
S3	5.0000	4.9153	-.085	-1.69	.05295	.000	1
S4	10.000	9.6621	-.338	-3.38	.10314	.001	1
S5	20.000	20.410	.410	2.05	.21650	.000	1

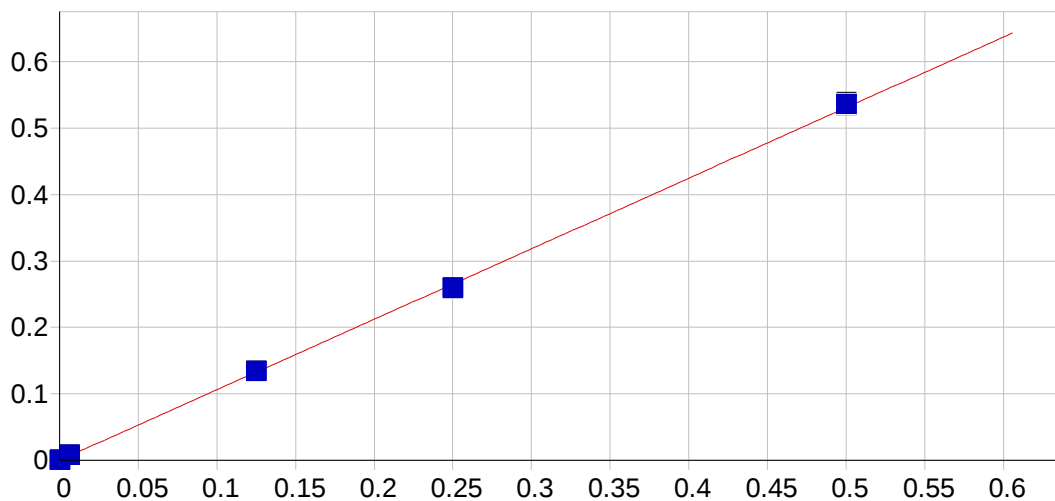


Ba 493.409 { 68}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.103561 Re-Slope: 1.000000
 A1 (Gain): 1.055917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.001769
 Predicted MDL: 0.003625
 Predicted MQL: 0.012082

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10355	.002	1
S1	.10000	.11328	.013	13.3	.22317	.006	1
S3	5.0000	4.9924	-.008	-.153	5.3751	.026	1
S5	20.000	20.313	.313	1.57	21.553	.113	1
S4	10.000	9.6810	-.319	-3.19	10.326	.078	1



Be 234.861 {144}

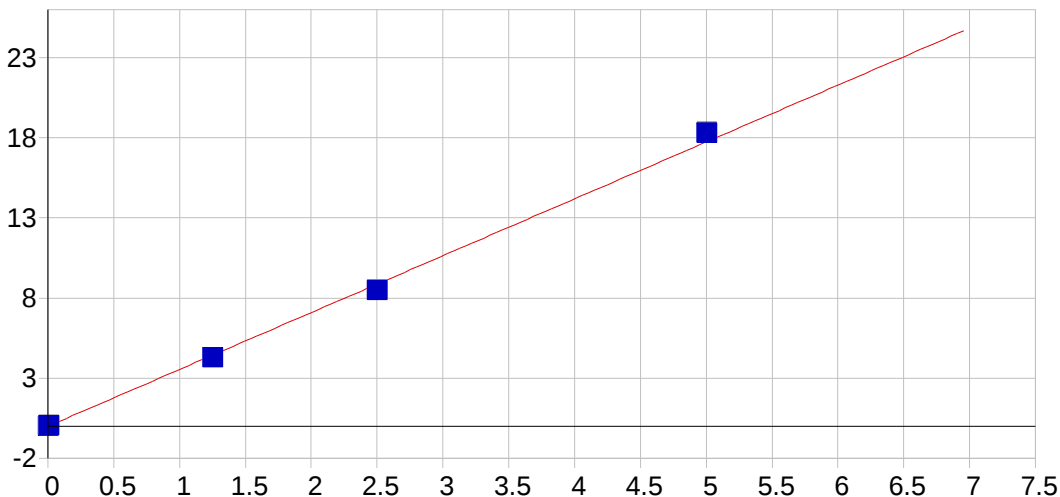
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 1.061762 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820
 Std Error of Est: 0.000059
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00600	.00679	.001	13.2	.00725	.000	1
S3	.12500	.12566	.001	.530	.13270	.001	1
S4	.25000	.24371	-.006	-2.52	.25720	.001	1
S5	.50000	.50484	.005	.969	.53280	.002	1



Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

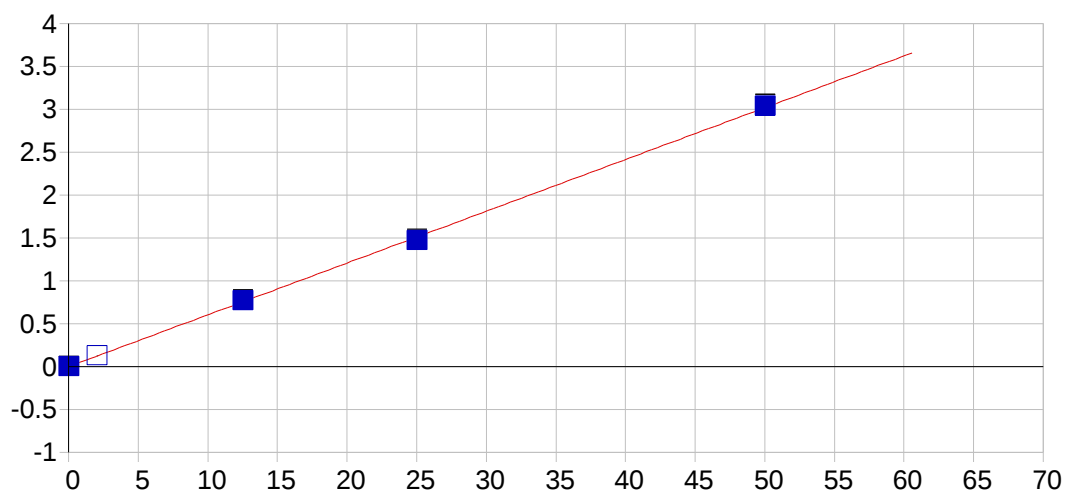
Weighting: 1/Conc

A0 (Offset): -0.003454
 A1 (Gain): 3.549078
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999356
 Std Error of Est: 0.001192
 Predicted MDL: 0.000101
 Predicted MQL: 0.000337

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00345	.000	1
S1	.00600	.00619	.000	3.15	.01855	.000	1
S3	1.2500	1.2029	-.047	-3.77	4.2669	.007	1
S4	2.5000	2.3917	-.108	-4.33	8.4869	.018	1
S5	5.0000	5.1552	.155	3.10	18.297	.033	1

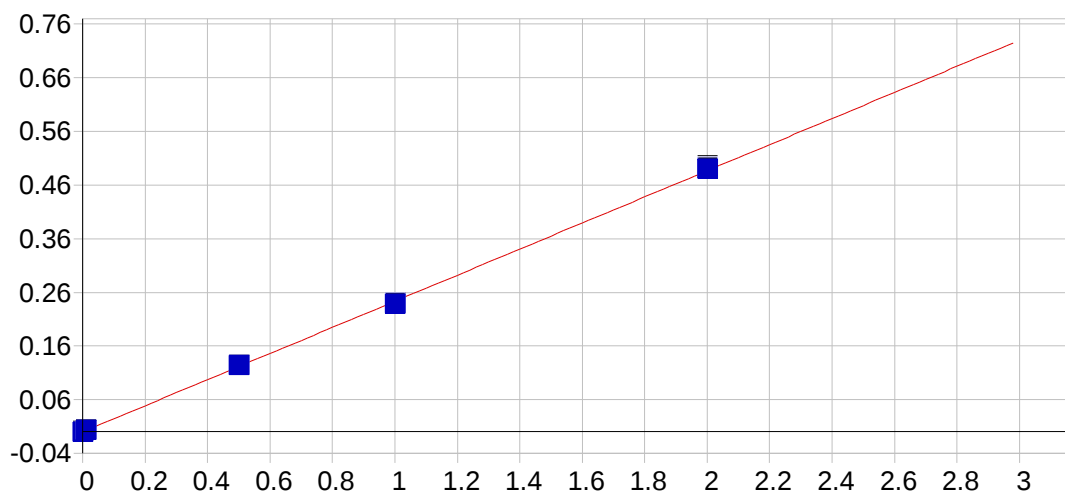


Ca 373.690 { 90}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.060387 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000611
 Predicted MDL: 0.016659
 Predicted MQL: 0.055530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1390	.139	6.95	.12917	.001	1
S0	.00000	-.00013	-.000	.000	-.00001	.001	1
S3	12.500	12.680	.180	1.44	.76612	.007	1
S4	25.000	24.359	-.641	-2.57	1.4717	.010	1
S5	50.000	50.322	.322	.644	3.0404	.016	1



Cr 267.716 {126}

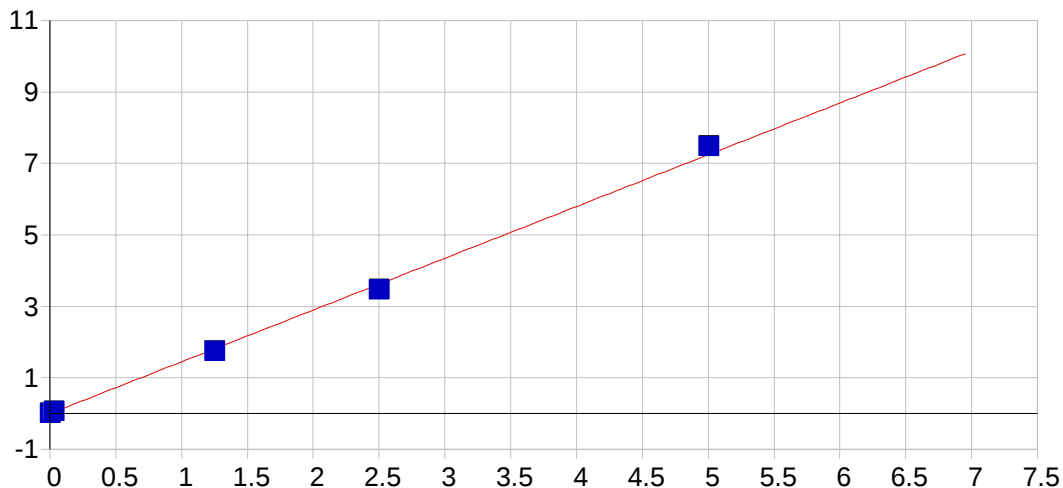
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.243326 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880
 Std Error of Est: 0.000029
 Predicted MDL: 0.000424
 Predicted MQL: 0.001413

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01135	.001	13.5	.00274	.000	1
S3	.50000	.50710	.007	1.42	.12431	.000	1
S4	1.0000	.97804	-.022	-2.20	.23986	.001	1
S5	2.0000	2.0135	.014	.675	.49373	.002	1



Co 228.616 {447}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

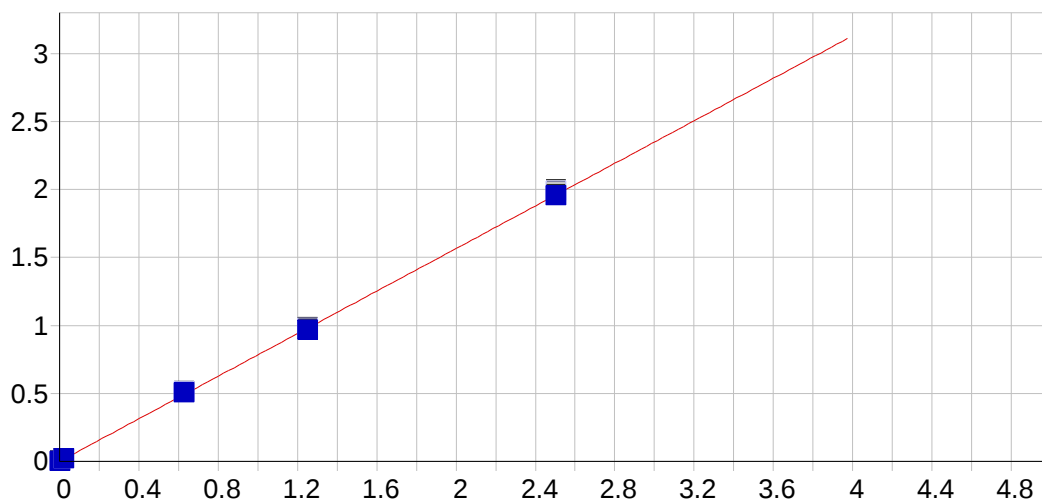
Weighting: 1/Conc

A0 (Offset): -0.000381
 A1 (Gain): 1.448798
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999306
 Std Error of Est: 0.001132
 Predicted MDL: 0.000228
 Predicted MQL: 0.000761

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.03000	.03462	.005	15.4	.04948	.001	1
S3	1.2500	1.2056	-.044	-3.55	1.7478	.002	1
S4	2.5000	2.3860	-.114	-4.56	3.4592	.012	1
S5	5.0000	5.1538	.154	3.08	7.4721	.022	1

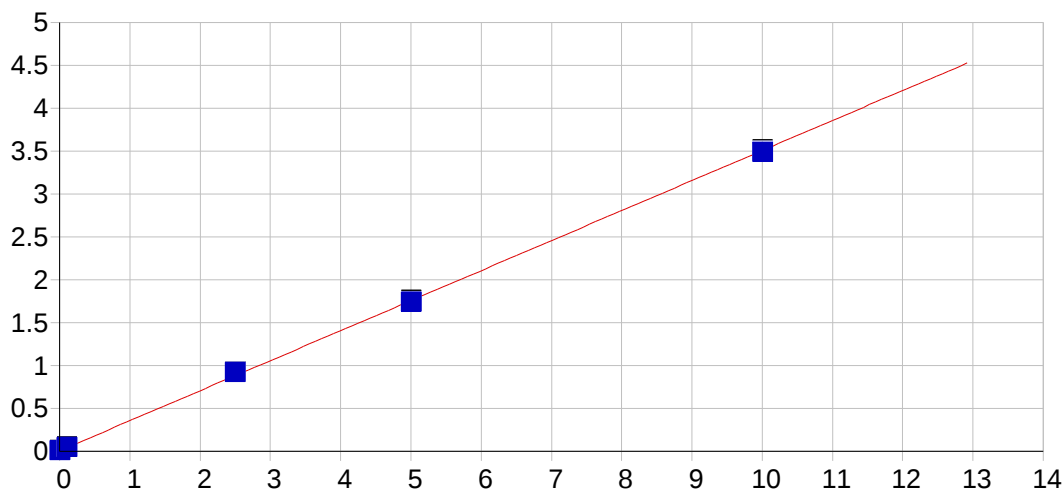


Cu 224.700 {450}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000531 Re-Slope: 1.000000
 A1 (Gain): 0.782616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.000498
 Predicted MQL: 0.001661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.02000	.02381	.004	19.1	.01941	.000	1
S3	.62500	.64267	.018	2.83	.51140	.001	1
S4	1.2500	1.2311	-.019	-1.52	.97979	.003	1
S5	2.5000	2.4975	-.003	-.102	1.9867	.007	1



Fe 240.488 {140}

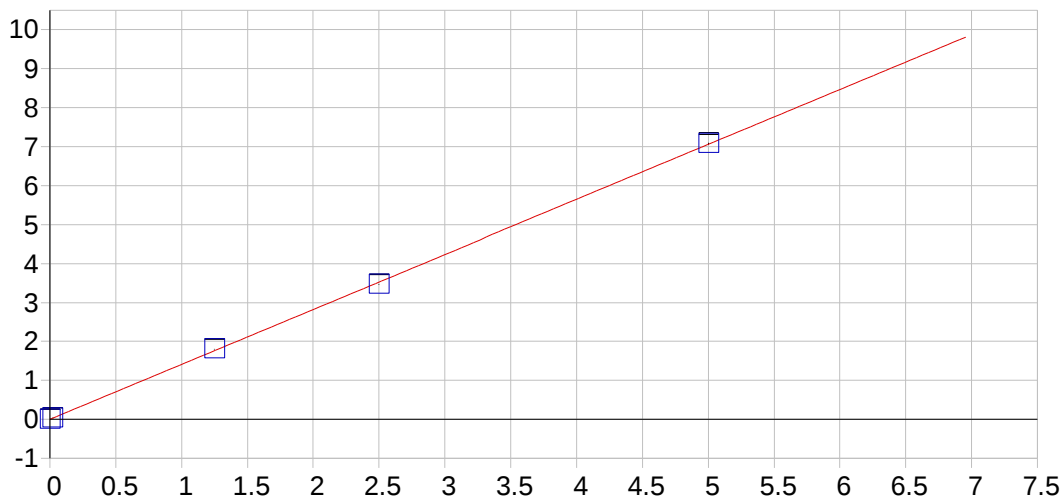
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006914 Re-Slope: 1.000000
 A1 (Gain): 0.349996 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748
 Std Error of Est: 0.000427
 Predicted MDL: 0.001770
 Predicted MQL: 0.005900

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00691	.000	1
S1	.10000	.11830	.018	18.3	.04849	.002	1
S3	2.5000	2.6053	.105	4.21	.92203	.004	1
S4	5.0000	4.9383	-.062	-1.23	1.7418	.016	1
S5	10.000	9.9381	-.062	-.619	3.4983	.019	1



Mn 257.610 {131}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

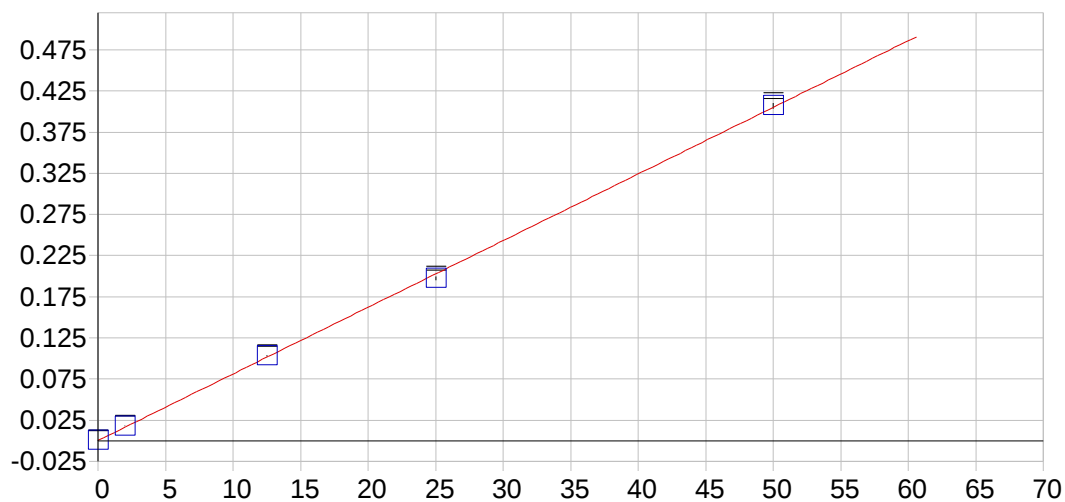
Weighting: 1/Conc

A0 (Offset): -0.000136
 A1 (Gain): 1.411334
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000398
 Predicted MDL: 0.000067
 Predicted MQL: 0.000223

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.02000	.02438	.004	21.9	.03427	.000	1
S3	1.2500	1.2763	.026	2.11	1.8012	.002	1
S4	2.5000	2.4544	-.046	-1.82	3.4639	.011	1
S5	5.0000	5.0149	.015	.297	7.0775	.020	1

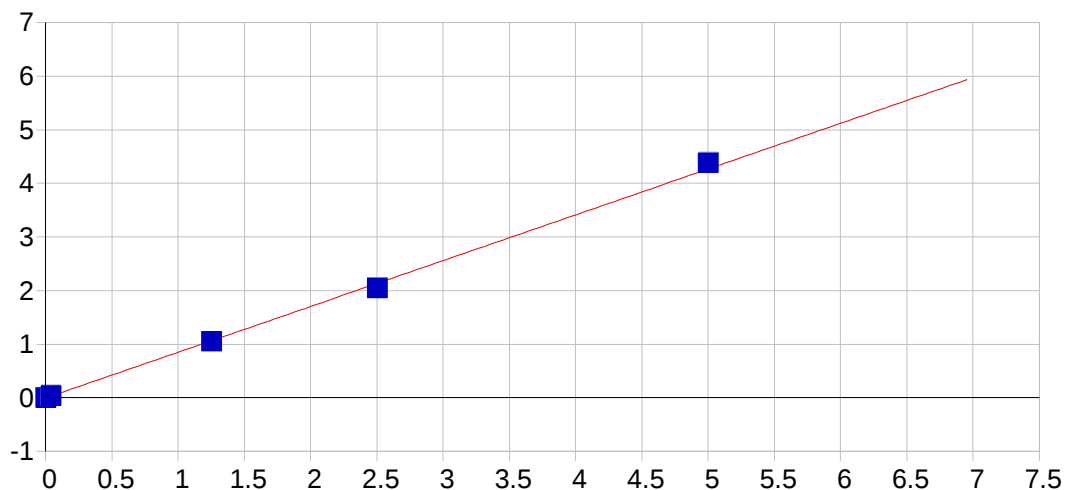


Mg 279.079 {121}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000301 Re-Slope: 1.000000
 A1 (Gain): 0.008095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.052448
 Predicted MQL: 0.174826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1875	.187	9.37	.01801	.000	1
S0	.00000	-.00018	-.000	.000	.00030	.001	1
S3	12.500	12.736	.236	1.89	.10340	.001	1
S4	25.000	24.349	-.651	-2.60	.19742	.002	1
S5	50.000	50.227	.227	.455	.40691	.004	1



Ni 231.604 {445}

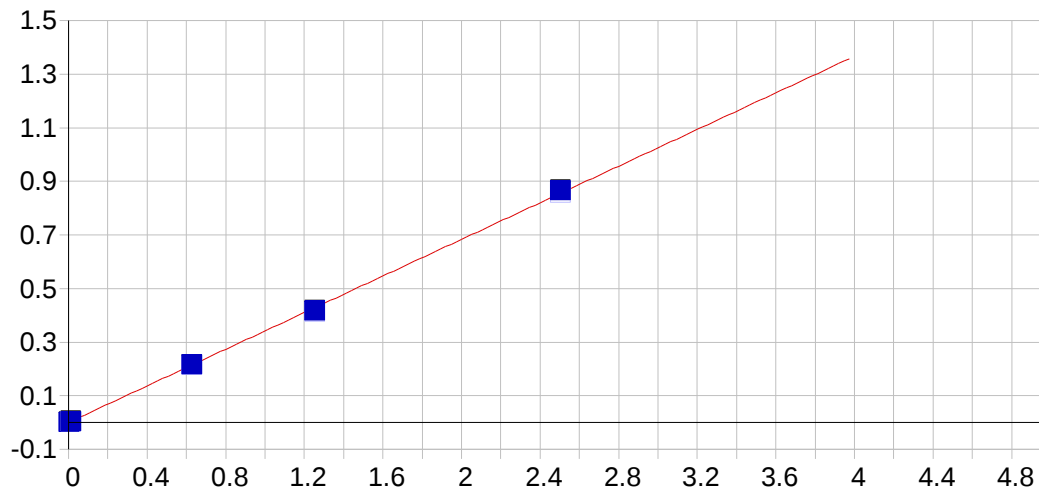
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006497 Re-Slope: 1.000000
 A1 (Gain): 0.854497 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999455
 Std Error of Est: 0.000683
 Predicted MDL: 0.000407
 Predicted MQL: 0.001357

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00650	.000	1
S1	.04000	.04570	.006	14.3	.03257	.000	1
S3	1.2500	1.2205	-.030	-2.36	1.0376	.001	1
S4	2.5000	2.3923	-.108	-4.31	2.0401	.005	1
S5	5.0000	5.1315	.132	2.63	4.3830	.008	1

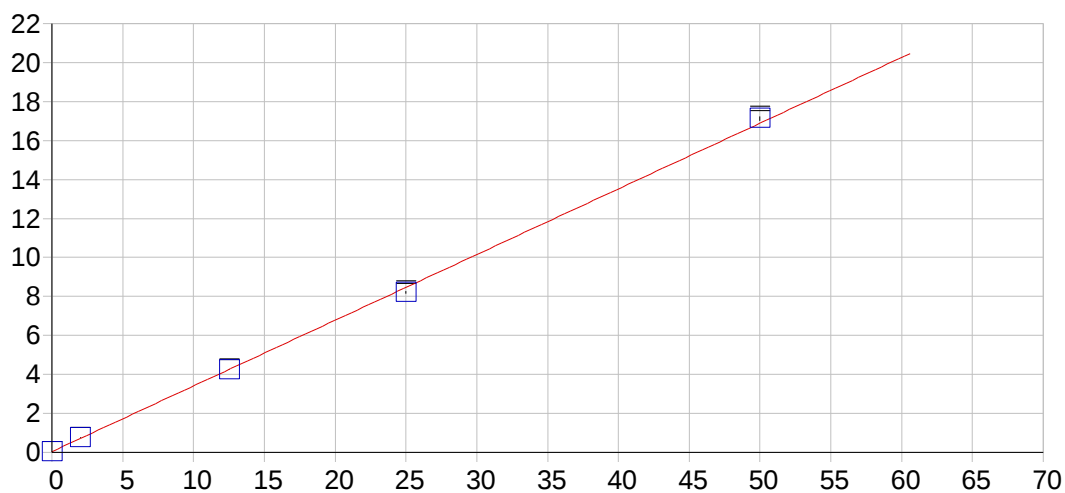


Ag 328.068 {103}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.341684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.000510
 Predicted MQL: 0.001701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01114	.001	11.4	.00373	.000	1
S3	.62500	.62680	.002	.287	.21174	.001	1
S4	1.2500	1.2174	-.033	-2.61	.41110	.002	1
S5	2.5000	2.5297	.030	1.19	.85466	.004	1

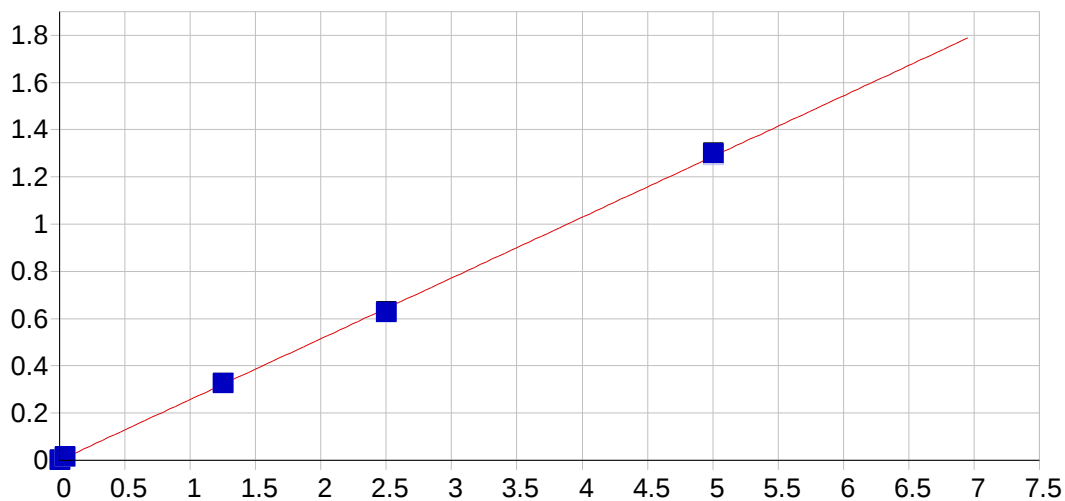


Na 589.592 { 57}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039467 Re-Slope: 1.000000
 A1 (Gain): 0.337066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.003886
 Predicted MDL: 0.010193
 Predicted MQL: 0.033976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1052	.105	5.26	.74905	.006	1
S0	.00000	-.00007	-.000	.000	.03944	.002	1
S3	12.500	12.494	-.006	-.051	4.2507	.031	1
S4	25.000	24.211	-.789	-3.15	8.2003	.068	1
S5	50.000	50.690	.690	1.38	17.125	.119	1



V 292.402 {115}

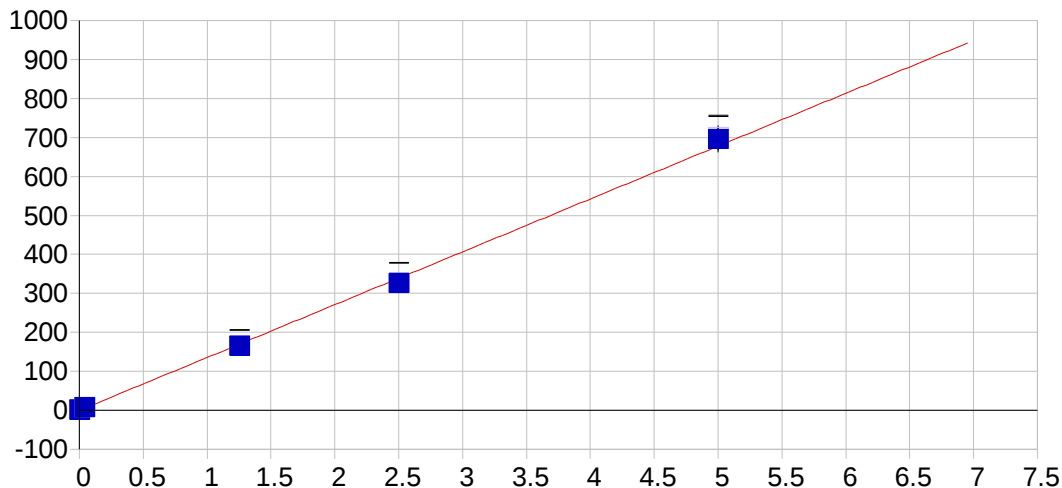
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000315 Re-Slope: 1.000000
 A1 (Gain): 0.257222 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774
 Std Error of Est: 0.000132
 Predicted MDL: 0.000474
 Predicted MQL: 0.001580

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00031	.000	1
S1	.04000	.04838	.008	20.9	.01260	.000	1
S3	1.2500	1.2603	.010	.825	.32239	.001	1
S4	2.5000	2.4355	-.065	-2.58	.62257	.002	1
S5	5.0000	5.0459	.046	.918	1.2898	.004	1



Zn 206.200 {163}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

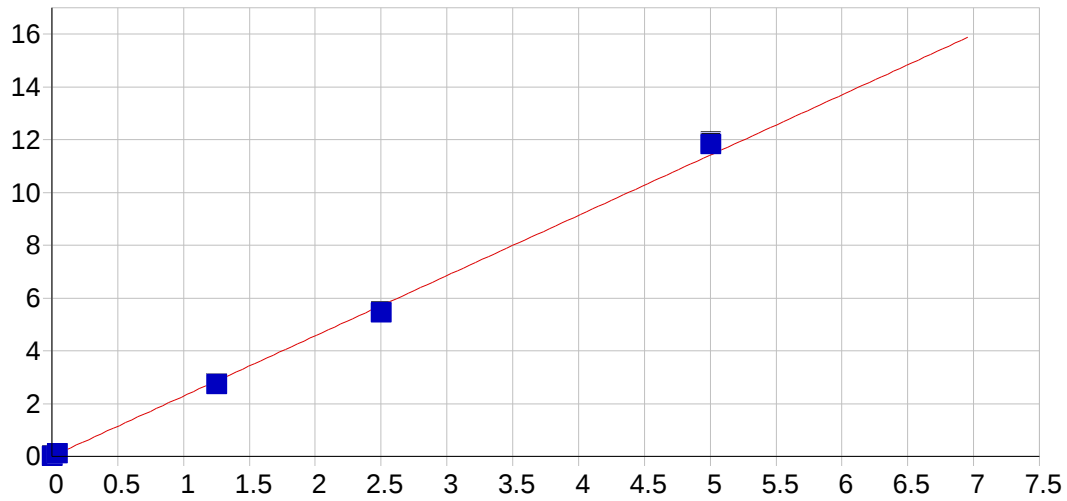
Weighting: 1/Conc

A0 (Offset): -0.127213
 A1 (Gain): 135.570970
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999512
 Std Error of Est: 0.103144
 Predicted MDL: 0.000391
 Predicted MQL: 0.001303

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.12772	.045	1
S1	.04000	.04535	.005	13.4	6.0561	.245	1
S3	1.2500	1.2169	-.033	-2.65	165.87	14.1	1
S4	2.5000	2.4013	-.099	-3.95	327.47	25.3	1
S5	5.0000	5.1265	.126	2.53	698.98	32.6	1

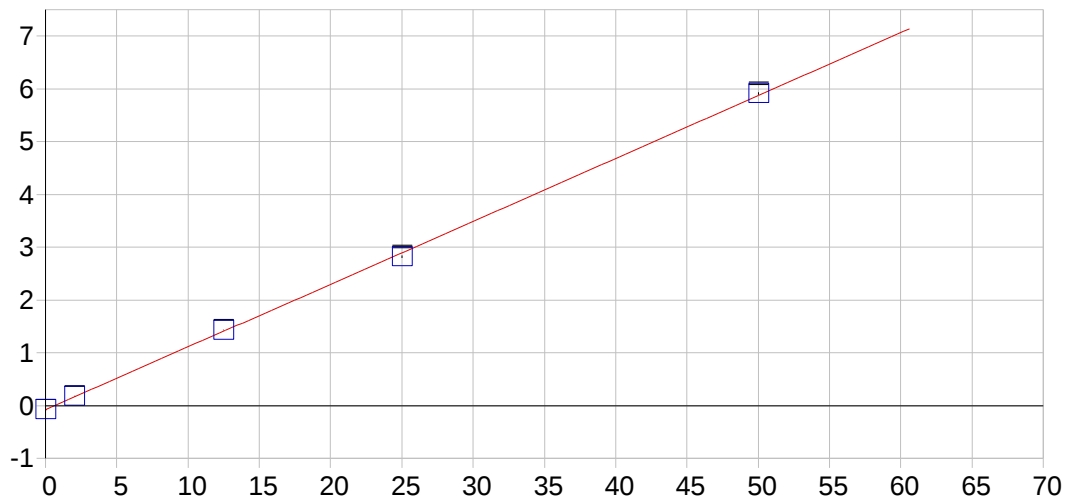


Zn 213.856 {458}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002598 Re-Slope: 1.000000
 A1 (Gain): 2.282555 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999155 Status: OK.
 Std Error of Est: 0.002287
 Predicted MDL: 0.000105
 Predicted MQL: 0.000350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00259	.000	1
S1	.04000	.04428	.004	10.7	.10430	.000	1
S3	1.2500	1.1931	-.057	-4.55	2.7441	.005	1
S4	2.5000	2.3782	-.122	-4.87	5.4674	.013	1
S5	5.0000	5.1745	.174	3.49	11.886	.019	1



K 766.490 {44}

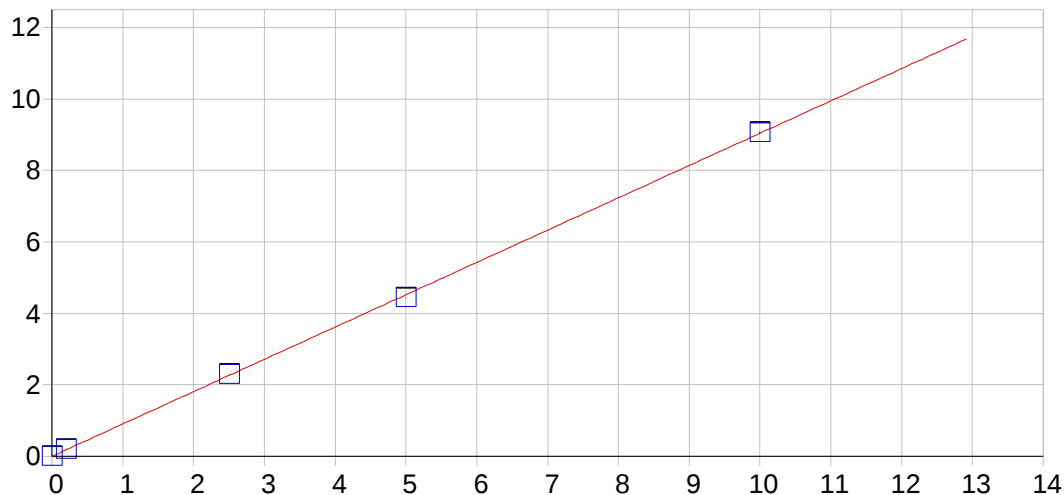
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.082808 Re-Slope: 1.000000
 A1 (Gain): 0.119143 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811
 Std Error of Est: 0.001264
 Predicted MDL: 0.036294
 Predicted MQL: 0.120980

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1597	.160	7.98	.17450	.001	1
S0	.00000	-.00015	-.000	.000	-.08283	.001	1
S3	12.500	12.707	.207	1.65	1.4311	.005	1
S4	25.000	24.364	-.636	-2.54	2.8200	.022	1
S5	50.000	50.270	.270	.540	5.9065	.024	1



Mo 202.030 {467}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

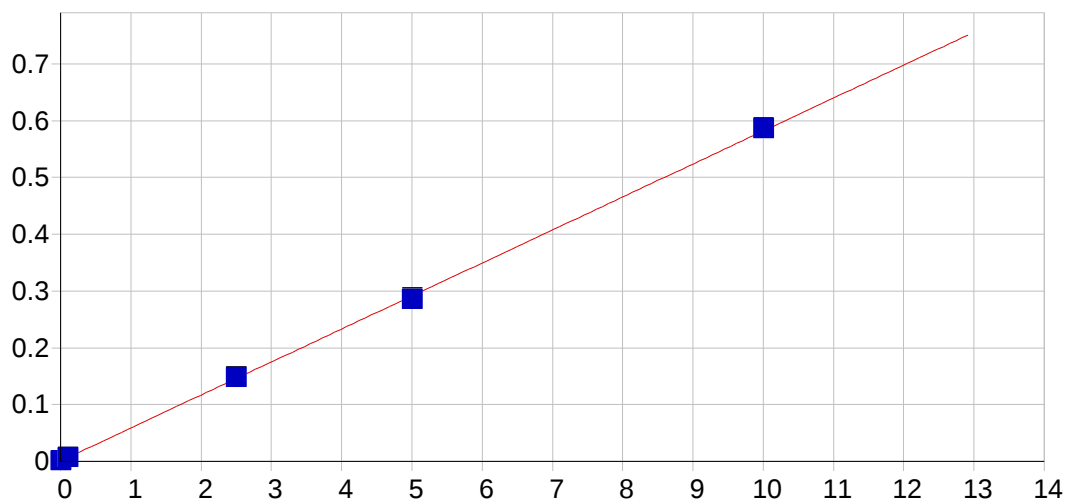
Weighting: 1/Conc

A0 (Offset): 0.000589
 A1 (Gain): 0.904016
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832
 Std Error of Est: 0.001270
 Predicted MDL: 0.000285
 Predicted MQL: 0.000951

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00057	.000	1
S1	.20000	.22517	.025	12.6	.20414	.000	1
S3	2.5000	2.5442	.044	1.77	2.3006	.007	1
S4	5.0000	4.9026	-.097	-1.95	4.4326	.014	1
S5	10.000	10.028	.028	.280	9.0661	.019	1

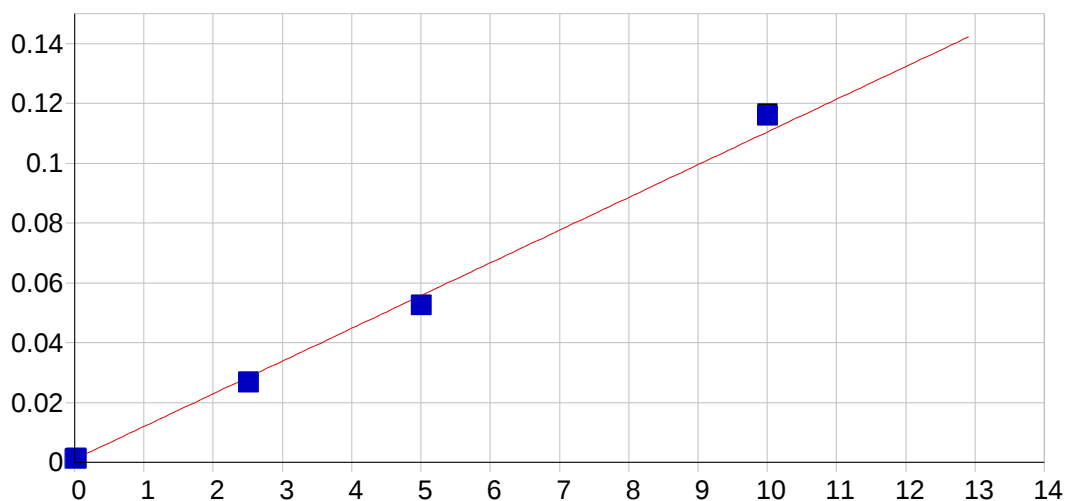


B 249.678 {135}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000776 Re-Slope: 1.000000
 A1 (Gain): 0.058094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.007262
 Predicted MQL: 0.024207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.001	1
S1	.10000	.09816	-.002	-1.84	.00645	.001	1
S3	2.5000	2.5319	.032	1.28	.14752	.001	1
S4	5.0000	4.8968	-.103	-2.06	.28457	.002	1
S5	10.000	10.073	.073	.732	.58461	.002	1



S 182.034 {485}

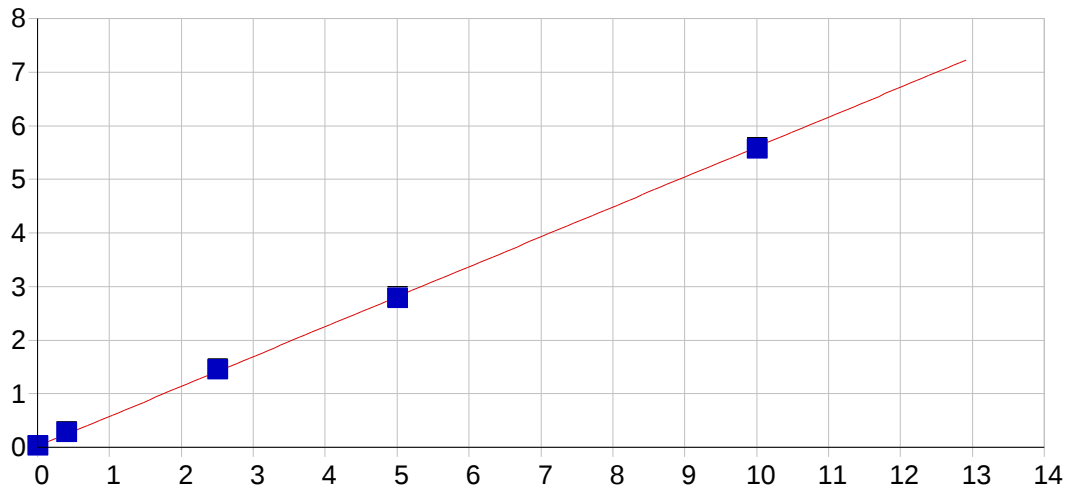
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001025 Re-Slope: 1.000000
 A1 (Gain): 0.010941 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998213
 Std Error of Est: 0.000016
 Predicted MDL: 0.012349
 Predicted MQL: 0.041165

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00103	.000	1
S1	.02000	.00771	-.012	-61.4	.00110	.000	1
S3	2.5000	2.3288	-.171	-6.85	.02647	.000	1
S4	5.0000	4.6908	-.309	-6.18	.05229	.000	1
S5	10.000	10.492	.492	4.92	.11570	.001	1



Si 288.158 {117}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

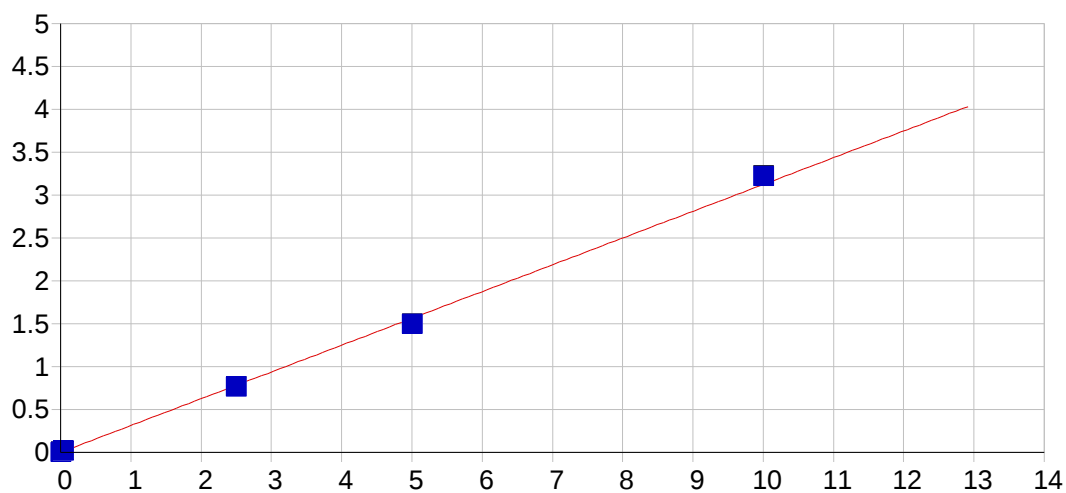
Weighting: 1/Conc

A0 (Offset): 0.018400
 A1 (Gain): 0.558168
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715
 Std Error of Est: 0.001454
 Predicted MDL: 0.002373
 Predicted MQL: 0.007909

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.01837	.001	1
S1	.40000	.45602	.056	14.0	.27275	.011	1
S3	2.5000	2.5581	.058	2.32	1.4455	.007	1
S4	5.0000	4.9425	-.058	-1.15	2.7756	.026	1
S5	10.000	9.9435	-.057	-.565	5.5656	.024	1

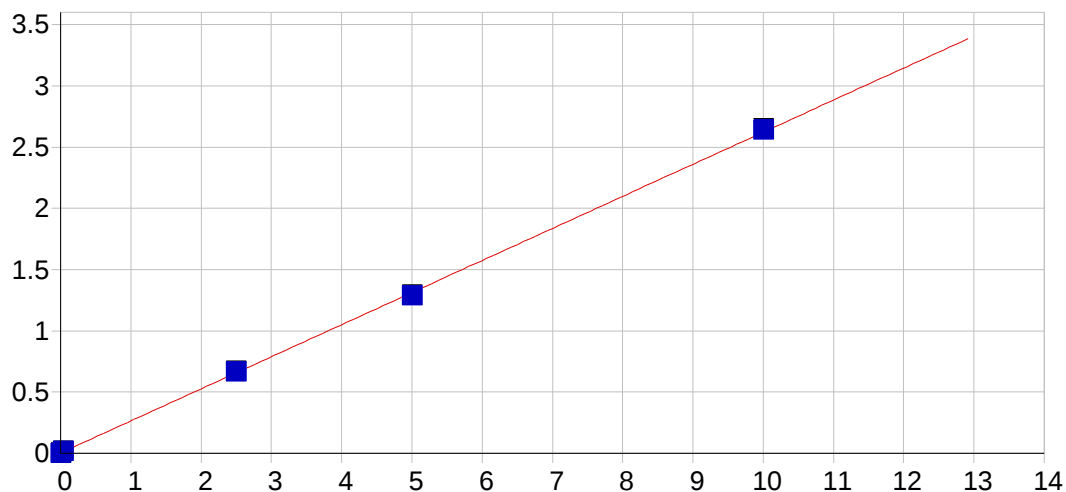


Sn 189.989 {477}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001329 Re-Slope: 1.000000
 A1 (Gain): 0.312241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999397 Status: OK.
 Std Error of Est: 0.000371
 Predicted MDL: 0.000597
 Predicted MQL: 0.001989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00133	.000	1
S1	.04000	.04433	.004	10.8	.01517	.000	1
S3	2.5000	2.4262	-.074	-2.95	.75901	.001	1
S4	5.0000	4.7769	-.223	-4.46	1.4931	.003	1
S5	10.000	10.293	.293	2.93	3.2156	.006	1



Ti 336.121 {100}

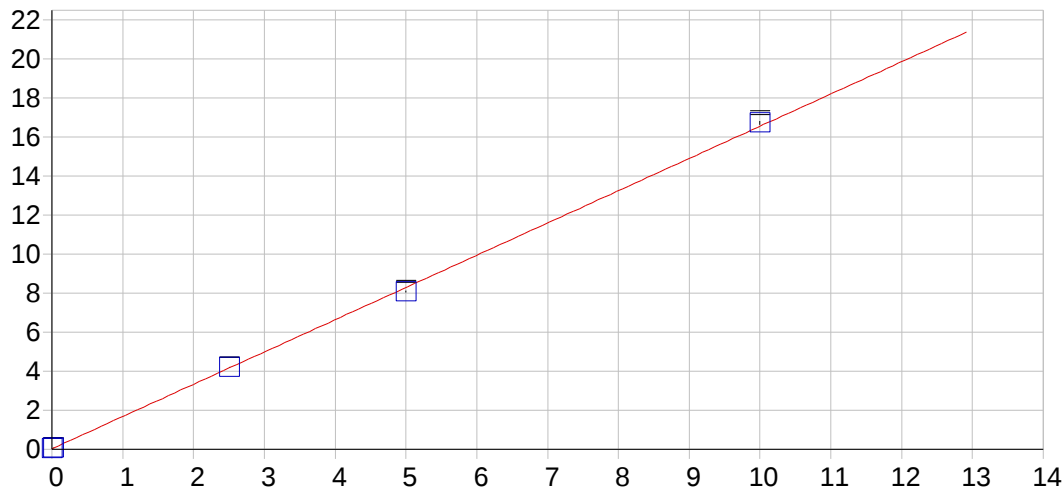
Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002446 Re-Slope: 1.000000
 A1 (Gain): 0.261907 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000118
 Predicted MDL: 0.002504
 Predicted MQL: 0.008348

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00245	.000	1
S1	.04000	.04327	.003	8.16	.01377	.001	1
S3	2.5000	2.5275	.027	1.10	.66432	.005	1
S4	5.0000	4.9004	-.100	-1.99	1.2857	.003	1
S5	10.000	10.069	.069	.689	2.6392	.010	1



Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

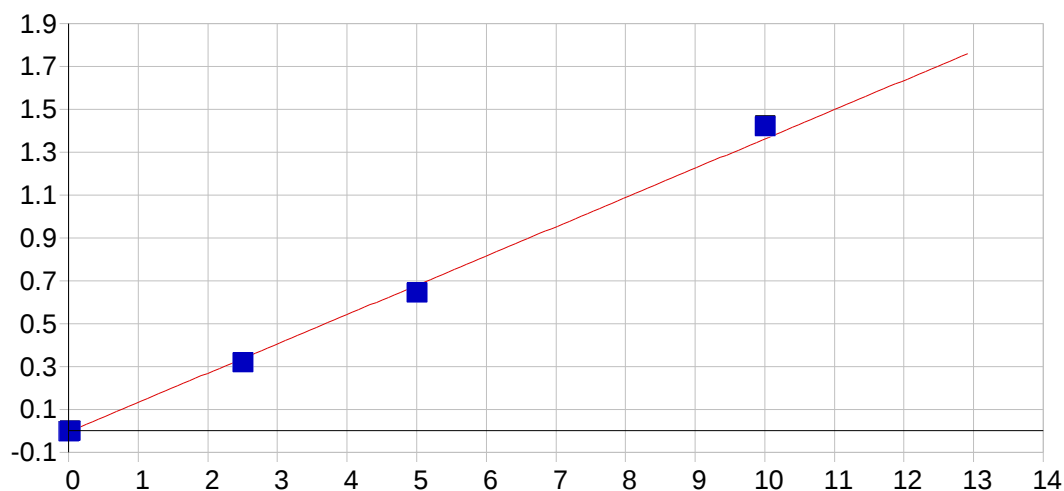
Weighting: 1/Conc

A0 (Offset): 0.028089
 A1 (Gain): 1.652954
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.000682
 Predicted MDL: 0.002224
 Predicted MQL: 0.007414

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02809	.001	1
S1	.02000	.02159	.002	7.97	.06378	.002	1
S3	2.5000	2.5270	.027	1.08	4.2051	.009	1
S4	5.0000	4.8661	-.134	-2.68	8.0715	.050	1
S5	10.000	10.105	.105	1.05	16.732	.087	1

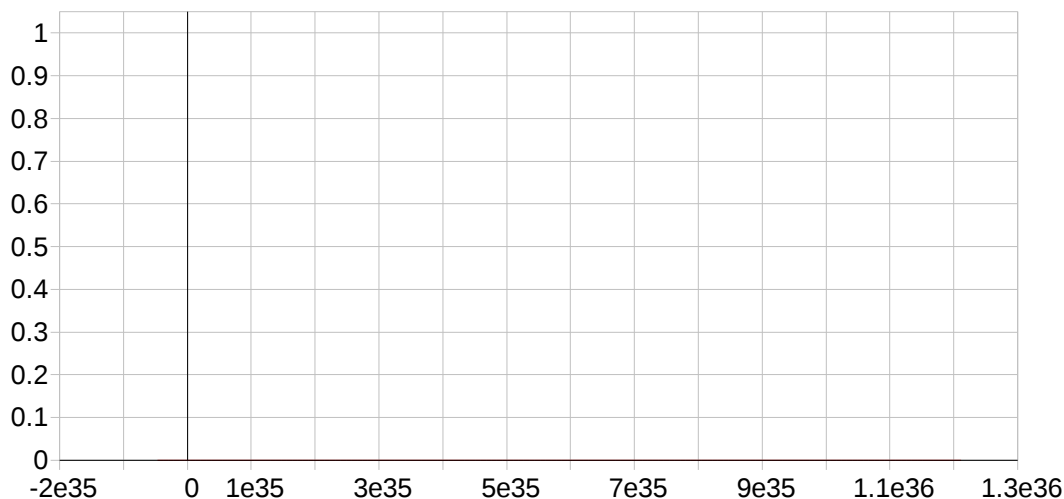


P 177.495 {490}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003672 Re-Slope: 1.000000
 A1 (Gain): 0.136577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998836 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.001355
 Predicted MQL: 0.004517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00367	.000	1
S1	.02000	.01807	-.002	-9.63	-.00121	.000	1
S3	2.5000	2.3476	-.152	-6.09	.31647	.000	1
S4	5.0000	4.7368	-.263	-5.26	.64228	.000	1
S5	10.000	10.417	.417	4.17	1.4171	.002	1



Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

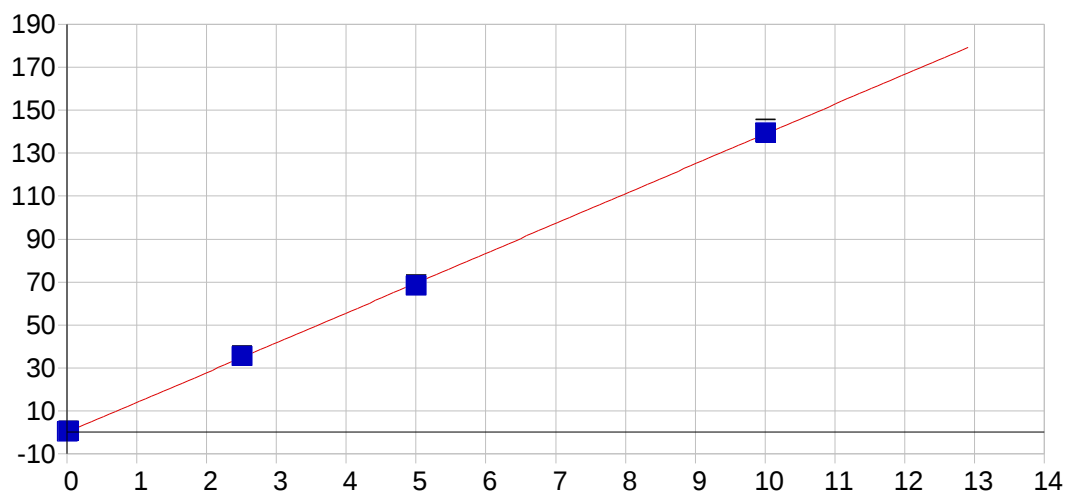
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 2/25/2019 16:22:58

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008958

Re-Slope: 1.000000

A1 (Gain): 13.892053

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999922

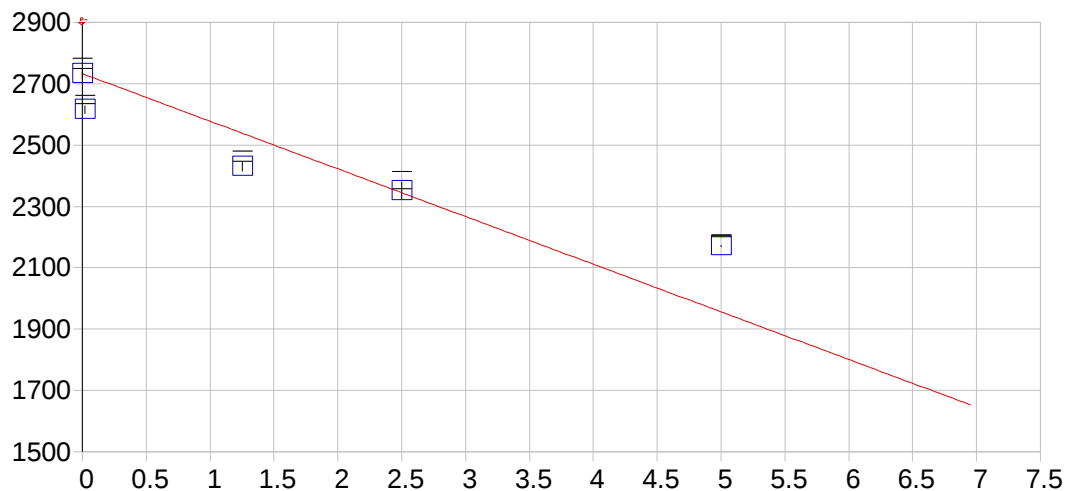
Status: OK.

Std Error of Est: 0.004195

Predicted MDL: 0.000103

Predicted MQL: 0.000343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00898	.001	1
S1	.02000	.02183	.002	9.13	.29577	.016	1
S3	2.5000	2.5469	.047	1.87	35.410	.054	1
S4	5.0000	4.9122	-.088	-1.76	68.308	.430	1
S5	10.000	10.039	.039	.391	139.61	1.47	1

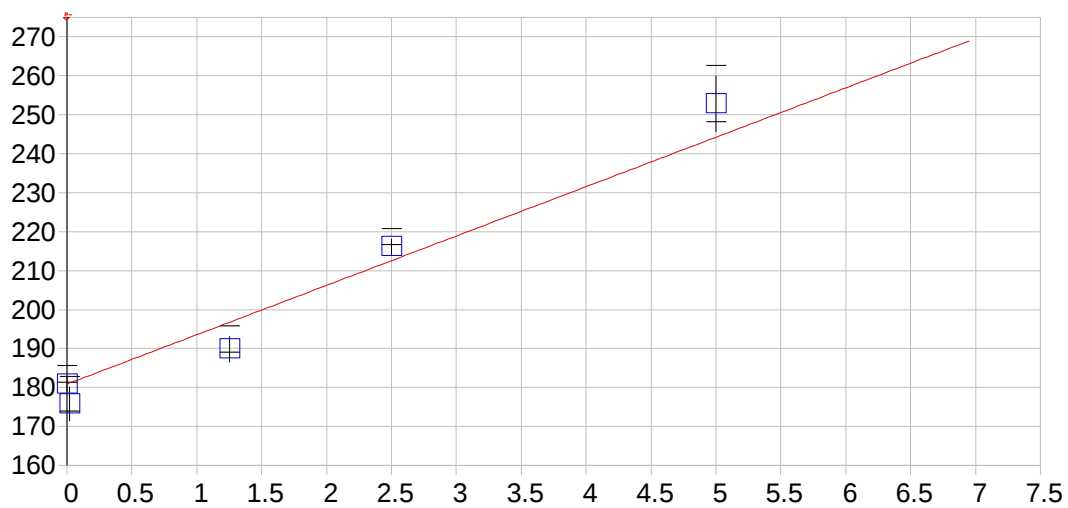


U 367.007 { 92 }

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2732.885150 Re-Slope: 1.000000
A1 (Gain): -155.337093 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.489521 Status: Warning Negative Gain
Std Error of Est: 4.728515
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	2733.0	17.4	1
S1	.02000	.75519	.735	3680.	2615.6	13.4	1
S3	1.2500	1.9473	.697	55.8	2430.4	16.7	1
S4	2.5000	2.4544	-.046	-1.82	2351.6	27.9	1
S5	5.0000	3.6131	-1.39	-27.7	2171.6	2.96	1



U 385.958 { 87}

Date of Fit: 2/25/2019 16:22:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 180.873233 Re-Slope: 1.000000
 A1 (Gain): 12.670854 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.694165 Status: OK.
 Std Error of Est: 0.224529
 Predicted MDL: 0.834061
 Predicted MQL: 2.780202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	180.88	2.11	1
S1	.02000	-.40571	-.426	-2130.	175.73	4.46	1
S3	1.2500	.70932	-.541	-43.3	189.86	3.37	1
S4	2.5000	2.7835	.283	11.3	216.14	2.09	1
S5	5.0000	5.6829	.683	13.7	252.88	7.22	1

Sample Name: S0 Acquired: 2/25/2019 11:55:37 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00013	-.00013	.00314	-.00070	.00054	.00102	.10355	.00011
Stddev	.00003	.00014	.00019	.00022	.00024	.00003	.00228	.00004
%RSD	25.788	107.20	6.0267	31.116	43.543	3.4329	2.1995	33.447

#1	-.00009	-.00015	.00296	-.00071	.00068	.00105	.10402	.00007
#2	-.00016	.00002	.00312	-.00091	.00067	.00102	.10555	.00012
#3	-.00013	-.00026	.00334	-.00048	.00027	.00098	.10107	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00345	-.00001	-.00004	-.00039	.00053	.00691	-.00014	.00030
Stddev	.00009	.00095	.00010	.00033	.00023	.00030	.00006	.00052
%RSD	2.7210	9721.5	256.53	86.334	43.043	4.3383	38.769	172.28

#1	-.00354	.00095	-.00015	-.00000	.00044	.00656	-.00013	.00021
#2	-.00335	-.00095	-.00001	-.00060	.00079	.00705	-.00020	-.00016
#3	-.00347	-.00003	.00004	-.00056	.00036	.00711	-.00010	.00086

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00650	-.00001	.03944	.00031	.00259	-.08283	.00057	.00078
Stddev	.00029	.00013	.00182	.00010	.00012	.00136	.00016	.00056
%RSD	4.5118	1518.6	4.6259	31.472	4.5397	1.6402	28.828	71.651

#1	-.00624	-.00001	.04005	.00030	.00249	-.08338	.00075	.00140
#2	-.00682	.00013	.03739	.00042	.00272	-.08382	.00048	.00062
#3	-.00644	-.00014	.04089	.00022	.00256	-.08128	.00046	.00032

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00103	.01837	.00133	.00245	.02809	-.0037	-.00898	2733.0
Stddev	.00008	.00097	.00017	.00026	.00121	.0001	.00053	17.4
%RSD	7.8761	5.2704	12.603	10.628	4.3215	3.400	5.9264	.63489

#1	.00105	.01726	.00152	.00274	.02820	-.0035	-.00960	2738.2
#2	.00109	.01905	.00120	.00224	.02682	-.0037	-.00867	2747.2
#3	.00093	.01880	.00126	.00235	.02924	-.0038	-.00868	2713.7

Sample Name: S0 Acquired: 2/25/2019 11:55:37 Type: Cal
 Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	180.88
Stddev	2.11
%RSD	1.1660

#1	178.76
#2	180.91
#3	182.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.3	36064.	3273.9	16.869	2723.2
Stddev	6.8	110.	15.2	.702	6.8
%RSD	.26601	.30537	.46352	4.1602	.24867

#1	2541.5	36183.	3271.1	17.175	2715.7
#2	2552.8	36044.	3260.4	16.067	2725.1
#3	2553.7	35966.	3290.3	17.367	2728.8

Sample Name: S1 Acquired: 2/25/2019 12:00:05 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00130	.00636	.00682	.00125	.00982	.00225	.22317	.00725
Stddev	.00005	.00008	.00007	.00029	.00013	.00011	.00647	.00007
%RSD	3.5644	1.1984	1.0521	22.931	1.3216	4.9944	2.8981	.90531

#1	.00135	.00636	.00677	.00103	.00969	.00238	.22818	.00729
#2	.00129	.00643	.00690	.00157	.00982	.00222	.22547	.00718
#3	.00126	.00628	.00680	.00114	.00995	.00216	.21587	.00729

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01855	.00274	.04948	.01941	.04849	.03427	.03257	.00373
Stddev	.00034	.00006	.00058	.00017	.00188	.00040	.00032	.00013
%RSD	1.8481	2.2269	1.1649	.88286	3.8763	1.1545	.98130	3.6124

#1	.01832	.00269	.04901	.01942	.05040	.03393	.03266	.00387
#2	.01839	.00272	.04931	.01958	.04841	.03418	.03284	.00372
#3	.01895	.00280	.05012	.01923	.04665	.03471	.03222	.00360

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01260	.10430	.20414	.00645	.00110	.27275	.01517	.01377
Stddev	.00013	.00024	.00015	.00059	.00011	.01087	.00032	.00066
%RSD	1.0659	.22694	.07469	9.1051	9.8975	3.9864	2.1208	4.7561

#1	.01260	.10403	.20402	.00682	.00099	.28196	.01553	.01448
#2	.01246	.10445	.20431	.00677	.00120	.27553	.01492	.01365
#3	.01273	.10443	.20410	.00578	.00112	.26076	.01505	.01319

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06378	-.0012	.29577	2615.6	175.73
Stddev	.00201	.0002	.01640	13.4	4.46
%RSD	3.1529	18.25	5.5443	.51132	2.5380

#1	.06546	-.0015	.30523	2602.2	179.23
#2	.06434	-.0010	.30524	2615.5	170.71
#3	.06155	-.0011	.27683	2629.0	177.25

Sample Name: S1 Acquired: 2/25/2019 12:00:05 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.0	35540.	3423.4	16.625	2696.3
Stddev	6.7	124.	157.3	.514	9.7
%RSD	.26235	.34748	4.5950	3.0903	.35907
#1	2538.6	35589.	3304.9	16.133	2687.1
#2	2548.0	35632.	3363.5	17.158	2695.6
#3	2551.5	35400.	3601.9	16.583	2706.4

Sample Name: S2 Acquired: 2/25/2019 12:04:35 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12917	.01801	.74905	.17450
Stddev	.00070	.00031	.00578	.00125
%RSD	.53883	1.7115	.77224	.71456

#1	.12990	.01822	.75472	.17498
#2	.12852	.01766	.74926	.17544
#3	.12907	.01815	.74316	.17309

Int. Std.	Y_3710
Units	Cts/S
Avg	3418.4
Stddev	20.4
%RSD	.59645

#1	3397.7
#2	3419.0
#3	3438.5

Sample Name: S3 Acquired: 2/25/2019 12:08:50 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.16031	.33851	.67492	.20075	.38775	.05295	5.3751	.13270
Stddev	.00076	.00082	.00184	.00037	.00178	.00006	.0260	.00074
%RSD	.47612	.24222	.27236	.18419	.45839	.11307	.48302	.56034

#1	.16109	.33945	.67573	.20063	.38962	.05291	5.3847	.13335
#2	.15956	.33792	.67282	.20116	.38609	.05293	5.3948	.13189
#3	.16030	.33816	.67622	.20045	.38753	.05302	5.3457	.13287

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2669	.76612	.12431	1.7478	.51140	.92203	1.8012	.10340
Stddev	.0065	.00710	.00043	.0015	.00059	.00358	.0015	.00091
%RSD	.15299	.92663	.34313	.08608	.11484	.38809	.08419	.87745

#1	4.2626	.75792	.12456	1.7462	.51172	.91804	1.8007	.10249
#2	4.2636	.77034	.12382	1.7480	.51072	.92309	1.8000	.10431
#3	4.2744	.77009	.12456	1.7491	.51175	.92495	1.8029	.10341

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0376	.21174	4.2507	.32239	2.7441	1.4311	2.3006	.14752
Stddev	.0012	.00059	.0308	.00113	.0052	.0046	.0065	.00083
%RSD	.11994	.27787	.72356	.35126	.18809	.31770	.28281	.56346

#1	1.0388	.21185	4.2432	.32110	2.7397	1.4310	2.3007	.14663
#2	1.0364	.21110	4.2845	.32320	2.7428	1.4357	2.2941	.14827
#3	1.0375	.21225	4.2243	.32288	2.7497	1.4266	2.3071	.14768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02647	1.4455	.75901	.66432	4.2051	.3165	35.410	2430.4
Stddev	.00018	.0069	.00143	.00499	.0086	.0000	.054	16.7
%RSD	.69687	.47718	.18900	.75074	.20450	.0121	.15345	.68858

#1	.02629	1.4384	.75948	.65857	4.2024	.3164	35.369	2416.1
#2	.02647	1.4459	.75740	.66701	4.2148	.3165	35.472	2448.8
#3	.02666	1.4522	.76016	.66739	4.1982	.3165	35.391	2426.3

Sample Name: S3 Acquired: 2/25/2019 12:08:50 Type: Cal
 Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	189.86
Stddev	3.37
%RSD	1.7741

#1	188.22
#2	187.62
#3	193.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.8	34573.	3385.0	15.759	2538.5
Stddev	5.5	92.	7.4	1.334	3.2
%RSD	.21761	.26586	.21799	8.4664	.12568

#1	2515.5	34504.	3391.9	17.222	2538.4
#2	2525.1	34537.	3377.2	15.446	2541.8
#3	2515.8	34677.	3385.7	14.609	2535.4

Sample Name: S4 Acquired: 2/25/2019 12:12:51 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.31184	.66564	1.3227	.38892	.75249	.10314	10.326	.25720
Stddev	.00143	.00163	.0031	.00231	.00177	.00066	.078	.00062
%RSD	.45774	.24431	.23422	.59405	.23559	.63510	.75620	.24177

#1	.31027	.66391	1.3194	.38645	.75045	.10346	10.238	.25761
#2	.31307	.66713	1.3255	.39104	.75335	.10357	10.354	.25750
#3	.31217	.66590	1.3233	.38926	.75367	.10238	10.386	.25648

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.4869	1.4717	.23986	3.4592	.97979	1.7418	3.4639	.19742
Stddev	.0179	.0101	.00058	.0120	.00330	.0157	.0109	.00209
%RSD	.21112	.68507	.24247	.34716	.33678	.90316	.31433	1.0591

#1	8.4667	1.4601	.24048	3.4462	.97602	1.7258	3.4736	.19628
#2	8.5007	1.4767	.23977	3.4698	.98216	1.7424	3.4660	.19614
#3	8.4933	1.4784	.23933	3.4617	.98119	1.7573	3.4521	.19983

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0401	.41110	8.2003	.62257	5.4674	2.8200	4.4326	.28457
Stddev	.0049	.00247	.0684	.00162	.0127	.0218	.0142	.00241
%RSD	.23984	.60198	.83411	.26034	.23237	.77436	.32108	.84543

#1	2.0349	.41396	8.1276	.62419	5.4527	2.7959	4.4191	.28337
#2	2.0446	.40981	8.2100	.62258	5.4742	2.8256	4.4475	.28300
#3	2.0407	.40954	8.2633	.62095	5.4752	2.8384	4.4312	.28734

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05229	2.7756	1.4931	1.2857	8.0715	.6423	68.308	2351.6
Stddev	.00018	.0260	.0026	.0034	.0505	.0002	.430	27.9
%RSD	.33913	.93748	.17473	.26577	.62559	.0263	.62929	1.1874

#1	.05248	2.7546	1.4911	1.2839	8.0140	.6424	67.827	2328.4
#2	.05226	2.7676	1.4961	1.2897	8.0923	.6424	68.443	2382.6
#3	.05213	2.8047	1.4923	1.2836	8.1083	.6421	68.655	2343.8

Sample Name: S4 Acquired: 2/25/2019 12:12:51 Type: Cal
 Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	216.14
Stddev	2.09
%RSD	.96865

#1	217.79
#2	216.85
#3	213.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.6	34015.	3392.5	14.969	2422.7
Stddev	9.0	148.	25.2	1.130	5.9
%RSD	.36070	.43444	.74426	7.5505	.24448

#1	2491.0	33867.	3417.7	15.973	2427.8
#2	2473.2	34014.	3392.8	13.745	2416.2
#3	2483.4	34163.	3367.2	15.189	2424.2

Sample Name: S5 Acquired: 2/25/2019 12:16:51 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.64728	1.4109	2.8394	.80753	1.5610	.21650	21.553	.53280
Stddev	.00214	.0027	.0056	.00259	.0051	.00025	.113	.00247
%RSD	.32987	.19071	.19572	.32049	.32734	.11448	.52326	.46345

#1	.64536	1.4080	2.8366	.80493	1.5573	.21641	21.636	.53067
#2	.64958	1.4134	2.8458	.81010	1.5668	.21631	21.597	.53221
#3	.64692	1.4113	2.8357	.80758	1.5589	.21678	21.424	.53551

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.297	3.0404	.49373	7.4721	1.9867	3.4983	7.0775	.40691
Stddev	.033	.0163	.00234	.0216	.0071	.0187	.0200	.00353
%RSD	.17986	.53453	.47402	.28870	.35629	.53585	.28323	.86819

#1	18.279	3.0406	.49104	7.4524	1.9823	3.4835	7.0555	.41024
#2	18.335	3.0565	.49488	7.4952	1.9949	3.5194	7.0824	.40730
#3	18.277	3.0240	.49527	7.4688	1.9830	3.4919	7.0946	.40320

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3830	.85466	17.125	1.2898	11.886	5.9065	9.0661	.58461
Stddev	.0075	.00356	.119	.0040	.019	.0244	.0186	.00167
%RSD	.17141	.41681	.69628	.30721	.15686	.41356	.20476	.28567

#1	4.3796	.85104	17.205	1.2866	11.877	5.9228	9.0607	.58313
#2	4.3916	.85816	17.183	1.2942	11.908	5.9184	9.0868	.58642
#3	4.3778	.85478	16.988	1.2887	11.874	5.8784	9.0508	.58428

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11570	5.5656	3.2156	2.6392	16.732	1.417	139.61	2171.6
Stddev	.00054	.0237	.0060	.0104	.087	.002	1.47	3.0
%RSD	.46762	.42613	.18683	.39258	.52098	.1630	1.0526	.13653

#1	.11620	5.5616	3.2097	2.6364	16.796	1.419	138.61	2169.6
#2	.11513	5.5910	3.2217	2.6507	16.766	1.418	141.29	2170.3
#3	.11578	5.5441	3.2155	2.6306	16.633	1.415	138.92	2175.0

Sample Name: S5 Acquired: 2/25/2019 12:16:51 Type: Cal
Method: P4-ICP2(v2887) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	252.88
Stddev	7.22
%RSD	2.8562

#1	250.70
#2	247.00
#3	260.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.5	32564.	3303.3	13.713	2195.9
Stddev	8.9	50.	19.8	.647	6.4
%RSD	.37093	.15459	.59792	4.7206	.29162

#1	2390.4	32611.	3297.2	13.811	2198.9
#2	2376.3	32511.	3287.3	13.022	2188.6
#3	2392.7	32569.	3325.4	14.305	2200.3

Sample Name: ICV01 Acquired: 2/25/2019 12:38:44 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0212	1.0067	.98031	1.0046	1.0325	F 2.6546	.49285	.50293
Stddev	.0031	.0014	.00101	.0013	.0026	.0093	.00274	.00063
%RSD	.30026	.14252	.10284	.12497	.24778	.35046	.55527	.12525
#1	1.0227	1.0051	.97938	1.0050	1.0349	2.6508	.49574	.50328
#2	1.0177	1.0073	.98016	1.0056	1.0328	2.6653	.49030	.50220
#3	1.0233	1.0078	.98138	1.0032	1.0298	2.6479	.49252	.50330
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47894	10.192	.50973	.49432	.51269	5.1635	.50832	5.9020
Stddev	.00187	.007	.00135	.00162	.00014	.0363	.00073	.1250
%RSD	.39087	.06644	.26479	.32868	.02769	.70285	.14406	2.1185
#1	.47790	10.193	.51125	.49269	.51285	5.1741	.50819	5.9076
#2	.47782	10.185	.50868	.49434	.51257	5.1231	.50767	5.7743
#3	.48110	10.199	.50925	.49594	.51267	5.1934	.50911	6.0242
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49133	.50965	9.7337	.50939	1.0129	9.8537	2.6128	2.5014
Stddev	.00077	.00203	.0612	.00100	.0046	.0369	.0116	.0100
%RSD	.15574	.39906	.62868	.19719	.45184	.37418	.44364	.39894
#1	.49045	.51077	9.7609	.51054	1.0104	9.8913	2.6136	2.4914
#2	.49180	.50730	9.6636	.50869	1.0101	9.8176	2.6008	2.5013
#3	.49176	.51087	9.7765	.50895	1.0182	9.8522	2.6240	2.5114
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4959	2.4333	2.4538	2.5831	F 2.8827	2.603	F 2.9388	F 3.2248
Stddev	.0073	.0073	.0084	.0087	.0114	.003	.0115	.0537
%RSD	.29285	.30110	.34216	.33698	.39535	.1123	.39133	1.6641
#1	2.4875	2.4374	2.4465	2.5790	2.8820	2.600	2.9388	3.2507
#2	2.5006	2.4248	2.4519	2.5931	2.8717	2.604	2.9273	3.2606
#3	2.4996	2.4376	2.4630	2.5772	2.8945	2.605	2.9503	3.1631

Sample Name: ICV01 Acquired: 2/25/2019 12:38:44 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.0829
Stddev .3759
%RSD 6.1803

#1 6.0654
#2 5.7160
#3 6.4673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.1	32780.	3416.7	15.433	2494.5
Stddev	10.2	78.	22.3	.579	9.9
%RSD	.41744	.23819	.65374	3.7519	.39811

#1	2438.1	32819.	3419.3	15.420	2495.7
#2	2452.4	32830.	3437.6	16.019	2503.8
#3	2432.7	32690.	3393.2	14.861	2484.1

Sample Name: LLICV01 Acquired: 2/25/2019 12:42:50 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01979	.04421	.01336	.01974	.05987	.11837	.09774
Stddev	.00225	.00123	.00085	.00168	.00162	.00969	.00274
%RSD	11.361	2.7815	6.3248	8.5065	2.7025	8.1842	2.8010

#1	.01969	.04346	.01332	.02168	.05990	.10858	.09490
#2	.01758	.04563	.01254	.01877	.05824	.11857	.09797
#3	.02208	.04353	.01423	.01877	.06148	.12796	.10036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00657	.00595	2.1222	.00914	.03318	.01813	.10916
Stddev	.00002	.00011	.0288	.00005	.00047	.00025	.00199
%RSD	.37412	1.8441	1.3588	.54266	1.4030	1.3803	1.8247

#1	.00659	.00608	2.0896	.00910	.03319	.01823	.10830
#2	.00654	.00588	2.1442	.00919	.03363	.01832	.11143
#3	.00658	.00590	2.1328	.00912	.03270	.01785	.10774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01881	2.1028	.04307	.01132	2.0379	.04627	.03683
Stddev	.00004	.0869	.00009	.00019	.0110	.00018	.00013
%RSD	.23816	4.1321	.20700	1.7172	.54124	.39248	.35416

#1	.01883	2.1852	.04309	.01118	2.0506	.04639	.03685
#2	.01883	2.1111	.04298	.01154	2.0305	.04637	.03670
#3	.01876	2.0121	.04315	.01123	2.0327	.04607	.03696

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1180	.20988	.09235	F .00590	.45512	.04142	.03975
Stddev	.0335	.00011	.00352	.00155	.00415	.00076	.00046
%RSD	1.5835	.05448	3.8124	26.261	.91225	1.8397	1.1535

#1	2.0799	.20986	.08954	.00733	.45503	.04229	.03923
#2	2.1434	.21001	.09121	.00425	.45931	.04086	.03993
#3	2.1305	.20978	.09630	.00612	.45101	.04110	.04010

Sample Name: LLICV01 Acquired: 2/25/2019 12:42:50 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02112	.0183	.02100	F 2.8412	F<.00000
Stddev	.00209	.0014	.00009	.1265	.92339
%RSD	9.9167	7.599	.41536	4.4524	972.28

#1	.01956	.0174	.02090	2.9573	-.29254
#2	.02031	.0199	.02104	2.8598	.91121
#3	.02350	.0176	.02107	2.7064	-.90359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.1	33153.	3439.3	17.092	2627.4
Stddev	10.0	160.	23.5	.666	7.5
%RSD	.40452	.48359	.68216	3.8947	.28637

#1	2492.5	33111.	3432.2	17.717	2634.3
#2	2481.3	33018.	3420.3	17.167	2628.6
#3	2472.5	33330.	3465.5	16.392	2619.4

Sample Name: ICB01 Acquired: 2/25/2019 12:47:16 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00194	-.00033	.00148	-.00027	-.00755	-.00896
Stddev	.00382	.00078	.00092	.00073	.00058	.00740	.00106
%RSD	325.72	40.048	275.51	49.043	211.50	97.998	11.789

#1	-.00466	-.00109	-.00035	.00157	-.00094	.00063	-.00787
#2	-.00175	-.00261	-.00125	.00071	-.00001	-.01378	-.00902
#3	.00290	-.00211	.00059	.00215	.00013	-.00952	-.00998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	-.01498	-.00020	-.00023	-.00011	-.00275
Stddev	.00004	.00016	.01583	.00041	.00027	.00024	.00209
%RSD	123.96	504.61	105.69	210.03	117.66	226.47	75.930

#1	.00004	-.00011	-.02208	-.00063	-.00045	-.00010	-.00034
#2	-.00001	-.00001	.00316	-.00016	-.00031	.00013	-.00399
#3	.00006	.00021	-.02603	.00020	.00007	-.00036	-.00392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01716	.00034	.00013	-.05373	-.00004	-.00016
Stddev	.00005	.01713	.00045	.00012	.00658	.00034	.00005
%RSD	1942.4	99.861	132.67	88.859	12.249	820.51	32.557

#1	.00001	-.03418	.00074	.00007	-.04918	-.00014	-.00021
#2	-.00005	-.01737	-.00015	.00027	-.06128	.00034	-.00018
#3	.00004	.00008	.00043	.00006	-.05073	-.00032	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05302	.00007	-.00019	F -.02454	.00002	-.00005	-.00222
Stddev	.01235	.00015	.00118	.00621	.00048	.00049	.00121
%RSD	23.289	223.44	614.94	25.297	2683.5	943.92	54.264

#1	.06194	.00008	-.00013	-.02111	-.00025	.00022	-.00207
#2	.05818	.00021	-.00140	-.03171	-.00028	.00024	-.00110
#3	.03892	-.00009	.00096	-.02081	.00058	-.00062	-.00350

Sample Name: ICB01 Acquired: 2/25/2019 12:47:16 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.0015	.00004	F 2.7727	F<.00000
Stddev	.00098	.0008	.00010	.2036	.53112
%RSD	53.803	52.70	243.30	7.3425	44.250

#1	-.00160	-.0019	.00008	2.5376	-1.6926
#2	-.00289	-.0021	-.00007	2.8917	-.63744
#3	-.00097	-.0006	.00012	2.8888	-1.2708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2483.9	33323.	3440.5	16.142	2644.7
Stddev	1.7	50.	33.5	1.179	1.6
%RSD	.06974	.15106	.97401	7.3045	.06018

#1	2485.9	33368.	3417.9	17.100	2646.4
#2	2483.0	33269.	3479.0	14.825	2643.2
#3	2482.8	33332.	3424.6	16.500	2644.7

Sample Name: CRI01 Acquired: 2/25/2019 12:51:44 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02041	.04528	.01267	.01769	.05702	.10588	.09085
Stddev	.00141	.00154	.00019	.00146	.00155	.00367	.00189
%RSD	6.9261	3.3959	1.5127	8.2443	2.7144	3.4643	2.0830

#1	.02004	.04630	.01278	.01870	.05829	.10720	.09256
#2	.02197	.04351	.01278	.01602	.05748	.10173	.08882
#3	.01921	.04603	.01245	.01837	.05530	.10870	.09119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00652	.00576	2.0765	.00877	.03293	.01781	.10860
Stddev	.00008	.00005	.0022	.00023	.00017	.00015	.00345
%RSD	1.2527	.93782	.10696	2.6607	.53122	.86266	3.1760

#1	.00648	.00579	2.0780	.00852	.03301	.01799	.10961
#2	.00646	.00570	2.0775	.00898	.03305	.01771	.10475
#3	.00661	.00580	2.0740	.00880	.03273	.01774	.11143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01869	2.0658	.04221	.01126	1.9918	.04514	.03655
Stddev	.00012	.1050	.00019	.00021	.0020	.00010	.00011
%RSD	.64141	5.0817	.43991	1.8890	.10118	.21871	.30092

#1	.01859	2.1269	.04205	.01102	1.9895	.04515	.03656
#2	.01866	1.9445	.04218	.01133	1.9933	.04524	.03644
#3	.01883	2.1258	.04241	.01142	1.9925	.04504	.03666

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0520	.20670	.09528	F .00221	.44656	.04002	.03926
Stddev	.0212	.00049	.00611	.01157	.00341	.00020	.00065
%RSD	1.0351	.23912	6.4137	524.09	.76330	.50147	1.6673

#1	2.0615	.20703	.09623	-.01116	.44292	.03988	.03973
#2	2.0669	.20694	.08875	.00890	.44707	.03993	.03955
#3	2.0277	.20613	.10086	.00888	.44968	.04025	.03852

Sample Name: CRI01 Acquired: 2/25/2019 12:51:44 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01982	.0186	.02079	F 2.3934	F<.00000
Stddev	.00021	.0018	.00011	.0755	.21148
%RSD	1.0467	9.803	.52220	3.1558	21.120
#1	.01962	.0165	.02090	2.3154	-.78895
#2	.02003	.0200	.02068	2.4661	-1.2119
#3	.01981	.0192	.02081	2.3988	-1.0031
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.3	33743.	3498.1	16.286	2652.7
Stddev	7.0	38.	8.4	.781	1.6
%RSD	.27850	.11304	.24038	4.7952	.06051
#1	2509.7	33724.	3492.8	15.567	2653.7
#2	2505.2	33717.	3507.8	16.175	2650.9
#3	2518.9	33787.	3493.7	17.117	2653.6

Sample Name: ICSA01 Acquired: 2/25/2019 13:09:12 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00393	.00231	-.00789	-.00454	-.00718	287.45	-.01240	-.00074
Stddev	.00088	.00055	.00009	.00202	.00304	.42	.00198	.00014
%RSD	22.387	23.722	1.1451	44.479	42.389	.14661	16.002	19.497
#1	-.00348	.00279	-.00786	-.00561	-.00542	287.88	-.01148	-.00068
#2	-.00494	.00244	-.00799	-.00221	-.01069	287.43	-.01104	-.00064
#3	-.00336	.00171	-.00781	-.00580	-.00542	287.04	-.01467	-.00091
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00332	239.42	.05235	-.00072	.00299	88.162	.01158	245.92
Stddev	.00022	.10	.00042	.00009	.00013	.638	.00006	.58
%RSD	6.5977	.04228	.79755	11.891	4.3666	.72312	.49665	.23728
#1	-.00313	239.43	.05216	-.00064	.00309	87.522	.01156	245.31
#2	-.00356	239.51	.05206	-.00070	.00284	88.797	.01164	246.47
#3	-.00327	239.31	.05283	-.00081	.00303	88.167	.01153	245.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00479	.00892	.00160	-.00953	.09977	.00220	-.02262
Stddev	.00051	.00029	.00424	.00045	.00027	.01472	.00035	.00917
%RSD	79.954	6.0257	47.505	27.832	2.8055	14.752	15.796	40.553
#1	.00062	-.00453	.00601	.00178	-.00922	.09996	.00216	-.02195
#2	.00014	-.00474	.01379	.00192	-.00964	.11440	.00257	-.01380
#3	.00117	-.00511	.00698	.00109	-.00972	.08496	.00188	-.03211
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01141	-.00489	.01207	-.00783	F .02353	.0018	.00481	4.3106
Stddev	.03079	.00188	.00029	.00229	.00060	.0001	.00106	.1324
%RSD	269.81	38.377	2.4256	29.178	2.5582	3.491	22.125	3.0724
#1	.03723	-.00451	.01232	-.01044	.02287	.0017	.00541	4.2534
#2	.01967	-.00324	.01175	-.00687	.02366	.0019	.00358	4.4620
#3	-.02267	-.00694	.01214	-.00618	.02405	.0018	.00545	4.2164

Sample Name: ICSA01 Acquired: 2/25/2019 13:09:12 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	169.84
Stddev	1.59
%RSD	.93533

#1	168.46
#2	171.58
#3	169.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.3	30024.	3454.2	14.728	2171.1
Stddev	2.3	98.	16.0	.502	1.8
%RSD	.09845	.32544	.46439	3.4076	.08216

#1	2331.8	30076.	3466.3	15.300	2172.6
#2	2328.7	29912.	3436.0	14.523	2169.1
#3	2327.3	30085.	3460.4	14.361	2171.7

Sample Name: ICSAB01 Acquired: 2/25/2019 13:13:43 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10119	.10254	.04725	.04517	.64341	272.01	.49736	.59294	1.0214
Stddev	.00608	.00116	.00078	.00494	.00502	.98	.00360	.00119	.0038
%RSD	6.0037	1.1315	1.6431	10.946	.78088	.35925	.72457	.20014	.37250
#1	.10694	.10378	.04751	.04991	.63864	273.05	.49326	.59369	1.0245
#2	.09484	.10148	.04638	.04556	.64293	271.12	.50002	.59157	1.0225
#3	.10179	.10237	.04786	.04005	.64865	271.85	.49880	.59356	1.0171
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	226.74	.59522	.52419	.50385	84.267	.55008	229.87	1.0193	.19950
Stddev	.38	.00152	.00118	.00127	.520	.00198	.85	.0011	.00017
%RSD	.16794	.25480	.22476	.25243	.61709	.36003	.36803	.10902	.08336
#1	226.40	.59493	.52474	.50361	83.695	.55232	229.82	1.0192	.19963
#2	226.67	.59387	.52284	.50272	84.712	.54854	229.05	1.0182	.19931
#3	227.15	.59686	.52500	.50523	84.394	.54940	230.74	1.0205	.19955
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01513	.53405	1.1402	.10526	1.0353	.98950	1.1170	.92236	1.0354
Stddev	.01364	.00060	.0034	.01699	.0020	.01864	.0012	.00444	.0037
%RSD	90.129	.11232	.29668	16.141	.19574	1.8840	.11058	.48100	.35560
#1	.00351	.53460	1.1420	.11440	1.0338	.99231	1.1178	.91724	1.0349
#2	.01173	.53414	1.1424	.11573	1.0376	1.0066	1.1156	.92475	1.0320
#3	.03014	.53341	1.1363	.08566	1.0345	.96961	1.1176	.92509	1.0393
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.0134	1.1983	1.121	1.1646	4.7791	158.97			
Stddev	.0050	.0048	.002	.0008	.0747	1.77			
%RSD	.49362	.39939	.1491	.07239	1.5624	1.1161			
#1	1.0078	1.1940	1.122	1.1645	4.7595	157.01			
#2	1.0175	1.2035	1.119	1.1639	4.8616	160.46			
#3	1.0149	1.1973	1.121	1.1655	4.7162	159.45			

Sample Name: ICSAB01 Acquired: 2/25/2019 13:13:43 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.1	29735.	3437.1	15.173	2161.7
Stddev	7.7	74.	10.7	.719	5.3
%RSD	.33228	.24950	.31191	4.7385	.24383
#1	2319.8	29671.	3446.7	14.486	2156.5
#2	2326.3	29718.	3425.5	15.920	2161.4
#3	2335.2	29816.	3439.2	15.114	2167.1

Sample Name: CCV01 Acquired: 2/25/2019 13:18:00 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9215	4.8713	4.8271	4.9976	4.9734	10.333	9.2797	.25829
Stddev	.0129	.0089	.0127	.0023	.0057	.031	.0144	.00091
%RSD	.26240	.18199	.26347	.04595	.11388	.30112	.15551	.35400
#1	4.9295	4.8638	4.8418	4.9988	4.9734	10.363	9.2646	.25910
#2	4.9283	4.8690	4.8210	4.9949	4.9677	10.301	9.2934	.25730
#3	4.9066	4.8811	4.8186	4.9990	4.9790	10.335	9.2810	.25847
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4138	23.941	1.0197	2.4500	1.2321	4.8209	2.6231	22.819
Stddev	.0039	.061	.0010	.0016	.0009	.0328	.0047	.158
%RSD	.16147	.25386	.09504	.06581	.07236	.68095	.18001	.69113
#1	2.4176	23.953	1.0188	2.4516	1.2310	4.8120	2.6275	22.686
#2	2.4098	23.994	1.0196	2.4483	1.2324	4.8572	2.6181	22.779
#3	2.4139	23.875	1.0207	2.4501	1.2327	4.7934	2.6238	22.993
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3915	1.2582	22.746	2.4781	2.4874	22.686	4.8499	4.6417
Stddev	.0052	.0006	.045	.0050	.0061	.057	.0059	.0483
%RSD	.21879	.04817	.19741	.20153	.24627	.25021	.12131	1.0397
#1	2.3969	1.2589	22.697	2.4830	2.4944	22.620	4.8446	4.6776
#2	2.3865	1.2580	22.756	2.4730	2.4828	22.711	4.8563	4.5868
#3	2.3911	1.2578	22.785	2.4783	2.4851	22.725	4.8489	4.6606
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7019	4.6235	4.7297	4.7781	4.7714	4.761	4.9247	F 3.8442
Stddev	.0060	.0194	.0031	.0136	.0025	.009	.0043	.0937
%RSD	.12644	.42073	.06585	.28542	.05147	.1965	.08633	2.4369
#1	4.7034	4.6215	4.7315	4.7924	4.7690	4.762	4.9251	3.8065
#2	4.6954	4.6438	4.7261	4.7653	4.7713	4.752	4.9288	3.9509
#3	4.7070	4.6051	4.7316	4.7764	4.7739	4.771	4.9203	3.7753

Sample Name: CCV01 Acquired: 2/25/2019 13:18:00 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3135
Stddev .7636
%RSD 33.004

#1 1.4772
#2 2.9735
#3 2.4897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.6	31827.	3504.3	14.973	2376.5
Stddev	4.3	111.	8.8	.506	3.7
%RSD	.17791	.34940	.25239	3.3803	.15490

#1	2444.2	31757.	3503.1	15.421	2372.4
#2	2437.7	31955.	3496.2	14.424	2377.7
#3	2445.9	31768.	3513.8	15.073	2379.5

Sample Name: LLCCV01 Acquired: 2/25/2019 13:21:59 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01877	.04602	.01335	.01813	.05872	.11233	.09135
Stddev	.00154	.00108	.00079	.00431	.00087	.00360	.00211
%RSD	8.2261	2.3556	5.9495	23.757	1.4777	3.2033	2.3107

#1	.01849	.04617	.01245	.02287	.05809	.11469	.08892
#2	.02043	.04486	.01398	.01705	.05971	.10819	.09273
#3	.01738	.04701	.01361	.01447	.05835	.11412	.09241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00664	.00590	2.0696	.00895	.03325	.01768	.10537
Stddev	.00013	.00005	.0153	.00008	.00030	.00021	.00069
%RSD	1.9551	.90857	.73772	.92511	.90178	1.1922	.65846

#1	.00651	.00593	2.0529	.00890	.03339	.01749	.10461
#2	.00677	.00594	2.0828	.00890	.03290	.01763	.10554
#3	.00664	.00584	2.0730	.00905	.03345	.01791	.10596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01922	2.0697	.04244	.01132	1.9636	.04618	.03646
Stddev	.00015	.0760	.00016	.00052	.0060	.00099	.00008
%RSD	.79770	3.6696	.37042	4.6326	.30396	2.1428	.22502

#1	.01907	2.0562	.04240	.01095	1.9612	.04630	.03649
#2	.01938	2.0015	.04231	.01109	1.9704	.04711	.03637
#3	.01920	2.1515	.04261	.01192	1.9592	.04514	.03653

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0155	.20543	.08859	F -.00255	.43271	.03941	.04107
Stddev	.0135	.00059	.00440	.01842	.00607	.00038	.00069
%RSD	.66953	.28894	4.9685	720.84	1.4018	.96540	1.6788

#1	2.0166	.20607	.08359	-.02382	.42703	.03926	.04121
#2	2.0285	.20531	.09028	.00834	.43910	.03913	.04032
#3	2.0015	.20491	.09189	.00781	.43199	.03984	.04167

Sample Name: LLCCV01 Acquired: 2/25/2019 13:21:59 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02088	.0187	.02083	F 2.8796	F<.00000
Stddev	.00033	.0006	.00005	.0559	.18490
%RSD	1.6032	3.380	.26054	1.9419	12.963
#1	.02066	.0188	.02089	2.9441	-1.3950
#2	.02071	.0193	.02080	2.8441	-1.2592
#3	.02126	.0180	.02079	2.8506	-1.6250
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.1	32666.	3540.9	16.478	2638.3
Stddev	5.3	22.	26.3	.479	4.1
%RSD	.21106	.06852	.74356	2.9080	.15680
#1	2493.6	32666.	3563.2	16.000	2639.8
#2	2489.0	32688.	3511.8	16.475	2633.7
#3	2499.5	32644.	3547.6	16.958	2641.5

Sample Name: CCB01 Acquired: 2/25/2019 13:26:27 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	.00115	.00017	.00177	-.00012	.00126	-.01315
Stddev	.00181	.00069	.00069	.00222	.00118	.00530	.00224
%RSD	382.68	60.255	406.72	124.96	1018.7	421.73	17.033

#1	-.00106	.00050	-.00060	.00046	-.00107	-.00285	-.01143
#2	.00156	.00106	.00038	.00053	.00121	-.00062	-.01568
#3	-.00192	.00188	.00073	.00433	-.00048	.00724	-.01233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00006	.00593	-.00043	-.00024	-.00014	-.00075
Stddev	.00007	.00004	.00493	.00032	.00027	.00014	.00149
%RSD	454.18	75.537	83.060	73.120	115.20	100.69	199.25

#1	-.00004	.00006	.00035	-.00055	-.00011	-.00014	.00078
#2	-.00001	.00001	.00775	-.00007	-.00055	.00000	-.00221
#3	.00009	.00010	.00969	-.00067	-.00005	-.00027	-.00082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00159	.00031	.00035	-.05404	.00011	-.00027
Stddev	.00004	.04234	.00040	.00032	.00574	.00059	.00007
%RSD	573.27	2667.4	129.70	91.611	10.619	562.91	27.797

#1	.00001	.03435	.00039	.00003	-.04997	.00036	-.00034
#2	-.00006	.00915	.00067	.00068	-.05154	-.00057	-.00019
#3	.00002	-.04826	-.00013	.00035	-.06061	.00053	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05479	.00013	-.00481	F -.01164	.00031	.00035	-.00145
Stddev	.01201	.00004	.00869	.01160	.00073	.00038	.00329
%RSD	21.923	32.999	180.70	99.655	239.37	107.11	227.23

#1	.04947	.00014	-.00810	-.00424	.00100	.00023	-.00509
#2	.04636	.00008	.00505	-.00567	.00037	.00005	.00129
#3	.06854	.00016	-.01137	-.02501	-.00046	.00078	-.00054

Sample Name: CCB01 Acquired: 2/25/2019 13:26:27 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.0020	.00005	F 2.5960	F<.00000
Stddev	.00176	.0011	.00004	.2488	.41189
%RSD	91.179	56.36	73.263	9.5856	28.231
#1	-.00046	-.0009	.00002	2.8611	-1.7069
#2	-.00389	-.0031	.00004	2.5593	-1.6865
#3	-.00146	-.0018	.00009	2.3675	-.98353
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.7	33290.	3520.3	16.161	2692.8
Stddev	9.6	117.	20.7	.780	5.7
%RSD	.38008	.35288	.58854	4.8287	.21314
#1	2530.0	33169.	3496.4	16.883	2695.2
#2	2532.3	33404.	3531.8	16.267	2697.0
#3	2514.7	33298.	3532.8	15.333	2686.3

Sample Name: LR CHECK 1 Acquired: 2/25/2019 13:30:49 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10087	-.02888	-.12141	-.75376	-.05939	1970.8	-.01916	.05563
Stddev	.00802	.00833	.00539	.01352	.00971	11.4	.00341	.00013
%RSD	7.9471	28.846	4.4426	1.7930	16.353	.57618	17.821	.24250

#1	-.09390	-.02819	-.12161	-.75281	-.07059	1969.6	-.01599	.05573
#2	-.10963	-.02092	-.11592	-.76772	-.05419	1982.7	-.01872	.05568
#3	-.09909	-.03754	-.12670	-.74074	-.05338	1960.0	-.02277	.05547

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13170	1651.9	-.09343	.10413	1.0642	969.14	-.02188	1685.6
Stddev	.00104	4.3	.00014	.00166	.0006	.34	.00015	7.0
%RSD	.79189	.25782	.14610	1.5904	.05556	.03505	.69158	.41589

#1	.13101	1647.4	-.09354	.10434	1.0642	969.53	-.02172	1686.3
#2	.13119	1655.8	-.09328	.10238	1.0648	969.00	-.02201	1678.3
#3	.13290	1652.6	-.09346	.10568	1.0636	968.89	-.02191	1692.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04874	-.19767	1699.7	.01125	.25224	931.07	-.00598	-1.4825
Stddev	.00292	.00103	16.9	.00159	.00227	3.88	.00143	.0124
%RSD	5.9902	.52249	.99608	14.148	.90090	.41699	23.928	.83643

#1	.04675	-.19710	1712.7	.01283	.25171	935.50	-.00683	-1.4702
#2	.05209	-.19886	1705.8	.01126	.25029	928.25	-.00679	-1.4950
#3	.04739	-.19704	1680.5	.00965	.25474	929.46	-.00433	-1.4822

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	-.01395	.12288	-.08350	.19069	.0274	-1.0521	<.00000
Stddev	.09865	.00285	.00154	.00135	.00072	.0019	.0006	.16166
%RSD	3303.6	20.448	1.2496	1.6217	.37704	6.821	.05280	4.2573

#1	-.08608	-.01417	.12385	-.08273	.19152	.0272	-1.0527	-3.6157
#2	.10902	-.01668	.12369	-.08271	.19030	.0257	-1.0520	-3.8504
#3	-.01398	-.01099	.12111	-.08507	.19025	.0294	-1.0516	-3.9256

Sample Name: LR CHECK 1 Acquired: 2/25/2019 13:30:49 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3226.8
Stddev	14.8
%RSD	.45802

#1	3209.8
#2	3236.6
#3	3234.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.9	23508.	3134.7	12.817	1169.7
Stddev	6.5	24.	3.4	2.698	3.7
%RSD	.34906	.10136	.10975	21.050	.31438

#1	1873.1	23481.	3138.6	11.468	1172.6
#2	1870.0	23519.	3133.4	15.924	1170.9
#3	1860.6	23524.	3132.2	11.060	1165.6

Sample Name: LR CHECK 2 Acquired: 2/25/2019 13:35:54 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00410	-.02095	261.16	.02652	-.09215	-.26590	98.772	-.00108
Stddev	.00638	.00125	.39	.00371	.00134	.00312	.631	.00006
%RSD	155.85	5.9841	.14830	14.006	1.4497	1.1722	.63901	5.7470

#1	.00146	-.01995	260.75	.02546	-.09265	-.26358	98.533	-.00113
#2	-.01107	-.02236	261.20	.02345	-.09317	-.26944	98.295	-.00110
#3	-.00267	-.02054	261.52	.03065	-.09064	-.26467	99.488	-.00101

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01427	.25294	-.14489	-.00404	228.82	-.68739	48.253	-.15738
Stddev	.00006	.02048	.00038	.00037	.44	.00246	.170	.03772
%RSD	.41096	8.0974	.26003	9.1983	.19091	.35790	.35185	23.970

#1	-.01424	.26188	-.14531	-.00405	228.31	-.68840	48.447	-.12153
#2	-.01434	.26743	-.14478	-.00367	229.03	-.68458	48.176	-.15387
#3	-.01423	.22951	-.14458	-.00441	229.11	-.68918	48.135	-.19673

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.340	.00817	.92433	-.07440	37.980	.99882	-.00156	.00085
Stddev	.051	.00063	.01734	.00115	.025	.07773	.00027	.00931
%RSD	.09805	7.6796	1.8759	1.5510	.06666	7.7821	17.346	1101.7

#1	52.289	.00800	.93402	-.07334	38.001	1.0856	-.00165	.00626
#2	52.338	.00887	.93466	-.07563	37.952	.97513	-.00178	.00618
#3	52.391	.00765	.90431	-.07424	37.988	.93568	-.00126	-.00991

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06867	.00077	.00531	.01025	-.00489	-3.937	.00279	4.5166
Stddev	.00526	.00031	.00093	.00226	.00099	.028	.00006	.0943
%RSD	7.6650	39.852	17.422	22.062	20.145	.7057	2.0893	2.0868

#1	-.07467	.00060	.00484	.01277	-.00603	-3.910	.00273	4.4212
#2	-.06486	.00059	.00638	.00960	-.00434	-3.966	.00285	4.6097
#3	-.06647	.00113	.00471	.00839	-.00431	-3.937	.00278	4.5190

Sample Name: LR CHECK 2 Acquired: 2/25/2019 13:35:54 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .15230
%RSD .99660

#1 -15.350
#2 -15.108
#3 -15.389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.7	32022.	3428.0	14.000	2247.0
Stddev	4.0	34.	9.4	1.207	3.7
%RSD	.19583	.10706	.27478	8.6199	.16303

#1	2023.9	32036.	3435.4	12.750	2251.0
#2	2019.4	31983.	3431.2	15.158	2246.4
#3	2016.0	32048.	3417.4	14.092	2243.8

Sample Name: K1556-01 Acquired: 2/25/2019 13:41:32 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04019	-.02020	.12765	-.03613	-.01372	130.23	.30633	.00848
Stddev	.00206	.00178	.00086	.00338	.00111	.97	.00105	.00010
%RSD	5.1338	8.8254	.67127	9.3596	8.1241	.74621	.34367	1.1907
#1	.04235	-.01890	.12712	-.03500	-.01389	129.24	.30605	.00837
#2	.03999	-.01947	.12864	-.03345	-.01474	130.27	.30544	.00857
#3	.03824	-.02223	.12719	-.03993	-.01253	131.18	.30749	.00850
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00468	11.082	.19925	.06360	.17285	170.21	2.3240	20.651
Stddev	.00023	.090	.00051	.00025	.00114	2.42	.0116	.111
%RSD	4.9007	.81380	.25845	.38944	.65770	1.4239	.49709	.53968
#1	-.00474	11.084	.19879	.06342	.17167	170.98	2.3204	20.591
#2	-.00443	10.991	.19981	.06350	.17393	167.49	2.3147	20.582
#3	-.00487	11.171	.19916	.06388	.17296	172.15	2.3370	20.779
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13889	-.00708	5.8880	.23365	.35211	7.5700	.00671	-.03392
Stddev	.00046	.00041	.0366	.00140	.00056	.0168	.00032	.00903
%RSD	.33275	5.8406	.62175	.59873	.15869	.22176	4.8169	26.604
#1	.13898	-.00674	5.8907	.23207	.35273	7.5510	.00708	-.03278
#2	.13839	-.00754	5.8502	.23419	.35193	7.5826	.00657	-.04346
#3	.13930	-.00696	5.9233	.23471	.35165	7.5764	.00649	-.02552
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1224	3.2054	.01714	1.9734	.08240	3.858	-.12850	.81511
Stddev	.0075	.0329	.00058	.0063	.00153	.010	.00288	.15734
%RSD	.24010	1.0278	3.3562	.32036	1.8627	.2668	2.2434	19.304
#1	3.1309	3.2434	.01657	1.9737	.08276	3.868	-.12967	.67006
#2	3.1167	3.1848	.01772	1.9796	.08071	3.860	-.12522	.79287
#3	3.1196	3.1881	.01713	1.9670	.08371	3.848	-.13061	.98238

Sample Name: K1556-01 Acquired: 2/25/2019 13:41:32 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 413.70
Stddev	1.04
%RSD	.25230

#1	414.45
#2	414.14
#3	412.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.7	35401.	4096.8	15.338	2374.1
Stddev	3.8	67.	29.4	.597	3.3
%RSD	.13843	.18979	.71694	3.8906	.13939

#1	2751.3	35429.	4078.6	16.019	2370.3
#2	2744.3	35449.	4130.6	14.909	2376.3
#3	2750.4	35324.	4081.0	15.084	2375.6

Sample Name: K1556-01DUP Acquired: 2/25/2019 13:45:56 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04239	-.01921	.12785	-.03385	-.01335	129.39	.30763	.00863
Stddev	.00233	.00096	.00118	.00167	.00138	.36	.00230	.00010
%RSD	5.5047	5.0098	.92113	4.9373	10.298	.27855	.74928	1.2143
#1	.03970	-.01903	.12879	-.03293	-.01325	129.42	.30922	.00873
#2	.04379	-.01835	.12653	-.03283	-.01478	129.01	.30498	.00852
#3	.04369	-.02025	.12823	-.03578	-.01204	129.73	.30868	.00864
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	11.294	.20033	.06379	.17213	172.96	2.3451	20.433
Stddev	.00044	.093	.00166	.00029	.00051	1.76	.0028	.043
%RSD	8.9728	.82175	.82926	.45235	.29564	1.0176	.11930	.20842
#1	-.00478	11.313	.20203	.06407	.17156	174.54	2.3420	20.462
#2	-.00534	11.375	.19871	.06380	.17233	173.27	2.3457	20.384
#3	-.00448	11.192	.20026	.06350	.17251	171.06	2.3475	20.454
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13961	-.00715	5.7477	.23553	.34580	7.3109	.00687	-.02825
Stddev	.00111	.00027	.0387	.00078	.00060	.0278	.00012	.00909
%RSD	.79466	3.7710	.67306	.33059	.17279	.38082	1.7386	32.182
#1	.13842	-.00714	5.7896	.23475	.34523	7.2824	.00690	-.03042
#2	.13983	-.00688	5.7403	.23631	.34576	7.3380	.00697	-.01828
#3	.14060	-.00742	5.7133	.23552	.34642	7.3124	.00674	-.03607
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1156	3.3045	.01621	1.9457	.08006	3.838	-.13124	.61895
Stddev	.0362	.0599	.00033	.0091	.00127	.006	.00193	.34937
%RSD	1.1621	1.8135	2.0552	.46951	1.5925	.1680	1.4739	56.445
#1	3.0738	3.3721	.01640	1.9410	.08084	3.839	-.13315	.96047
#2	3.1368	3.2834	.01582	1.9398	.08075	3.844	-.13129	.26223
#3	3.1362	3.2580	.01640	1.9562	.07859	3.831	-.12928	.63414

Sample Name: K1556-01DUP Acquired: 2/25/2019 13:45:56 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 417.73
Stddev	3.02
%RSD	.72211

#1	419.38
#2	419.56
#3	414.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.5	35463.	4078.5	15.887	2400.7
Stddev	1.2	129.	31.7	.362	.3
%RSD	.04182	.36282	.77705	2.2780	.01308

#1	2782.7	35316.	4056.9	16.208	2400.4
#2	2783.0	35554.	4063.7	15.495	2400.8
#3	2784.8	35519.	4114.9	15.958	2401.1

Sample Name: K1556-01LX5 Acquired: 2/25/2019 13:50:22 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01207	-.00324	.02243	-.00252	-.00369	27.643	.05679	.00168
Stddev	.00198	.00141	.00025	.00345	.00126	.072	.00309	.00015
%RSD	16.442	43.418	1.1089	136.93	34.237	.25935	5.4372	8.7622

#1	.01180	-.00424	.02270	.00125	-.00300	27.594	.05948	.00168
#2	.01418	-.00163	.02238	-.00551	-.00292	27.725	.05342	.00183
#3	.01023	-.00386	.02221	-.00329	-.00515	27.610	.05747	.00154

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	2.5515	.04339	.01256	.03873	44.425	.52966	4.5900
Stddev	.00004	.0095	.00072	.00023	.00030	.441	.00007	.0219
%RSD	1.7119	.37406	1.6555	1.8525	.77548	.99315	.01268	.47677

#1	-.00231	2.5591	.04297	.01272	.03841	44.932	.52968	4.5871
#2	-.00230	2.5408	.04422	.01229	.03878	44.215	.52972	4.6132
#3	-.00224	2.5546	.04297	.01267	.03901	44.127	.52959	4.5697

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02769	-.00031	1.3481	.05189	.06272	1.7213	.00166	-.00333
Stddev	.00020	.00038	.0142	.00042	.00014	.0202	.00039	.01138
%RSD	.72838	124.55	1.0540	.80930	.22439	1.1704	23.633	341.70

#1	.02786	-.00040	1.3644	.05149	.06284	1.7345	.00204	.00947
#2	.02775	-.00063	1.3414	.05233	.06274	1.6981	.00168	-.01229
#3	.02747	.00011	1.3385	.05185	.06256	1.7313	.00126	-.00718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59588	.74277	.00327	.42075	.01786	.7408	-.03568	2.7582
Stddev	.01889	.02760	.00057	.00143	.00354	.0036	.00058	.1184
%RSD	3.1693	3.7153	17.386	.34007	19.814	.4927	1.6342	4.2939

#1	.59190	.76405	.00264	.41927	.02061	.7415	-.03633	2.6246
#2	.57931	.71159	.00342	.42212	.01909	.7441	-.03554	2.7997
#3	.61644	.75266	.00375	.42086	.01387	.7369	-.03519	2.8502

Sample Name: K1556-01LX5 Acquired: 2/25/2019 13:50:22 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 78.602
Stddev .619
%RSD .78741

#1 78.399
#2 79.298
#3 78.111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.7	33148.	3661.2	16.356	2584.0
Stddev	6.9	98.	39.0	1.326	4.0
%RSD	.26594	.29501	1.0654	8.1050	.15663

#1	2573.9	33242.	3617.6	16.917	2581.2
#2	2571.7	33047.	3673.4	17.308	2582.2
#3	2584.5	33153.	3692.7	14.842	2588.7

Sample Name: K1556-01MS Acquired: 2/25/2019 13:54:42 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70203	1.8874	1.0685	1.6001	.11483	138.52	.50191	.19845
Stddev	.00358	.0125	.0035	.0023	.00078	.38	.00326	.00155
%RSD	.50944	.66222	.32365	.14491	.68063	.27760	.65027	.78208
#1	.69980	1.8730	1.0652	1.5997	.11478	138.72	.50563	.19945
#2	.70013	1.8946	1.0682	1.5980	.11563	138.07	.49954	.19666
#3	.70615	1.8947	1.0721	1.6026	.11407	138.76	.50056	.19923
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18572	13.843	.59060	.25943	.41087	164.50	2.4096	22.411
Stddev	.00099	.057	.00299	.00194	.00193	.60	.0165	.038
%RSD	.53043	.41315	.50703	.74809	.46898	.36292	.68492	.16827
#1	.18459	13.909	.59095	.25731	.40893	164.79	2.4232	22.430
#2	.18618	13.812	.58745	.25984	.41092	163.81	2.3912	22.368
#3	.18640	13.809	.59341	.26113	.41278	164.90	2.4145	22.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62159	.06034	8.7182	.49093	.49338	15.100	.32470	.18115
Stddev	.00400	.00046	.0084	.00445	.00437	.033	.00167	.01012
%RSD	.64396	.76432	.09626	.90577	.88534	.21878	.51539	5.5887
#1	.61697	.06083	8.7142	.49407	.48867	15.138	.32295	.19267
#2	.62406	.06027	8.7125	.48584	.49416	15.077	.32628	.17709
#3	.62374	.05991	8.7278	.49288	.49730	15.085	.32489	.17368
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7956	3.4943	.60998	1.9325	.26548	9.255	.06033	1.1107
Stddev	.0071	.0482	.00529	.0052	.00165	.063	.00095	.1521
%RSD	.18818	1.3802	.86788	.26837	.62256	.6824	1.5768	13.694
#1	3.7902	3.5472	.60456	1.9381	.26597	9.183	.05964	1.2673
#2	3.7929	3.4830	.61025	1.9314	.26364	9.281	.05994	.96361
#3	3.8037	3.4527	.61513	1.9279	.26684	9.301	.06142	1.1011

Sample Name: K1556-01MS Acquired: 2/25/2019 13:54:42 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 390.82
Stddev	3.54
%RSD	.90542

#1	386.78
#2	392.34
#3	393.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.2	35398.	4020.4	16.568	2404.5
Stddev	12.4	190.	15.7	.749	12.5
%RSD	.44556	.53708	.39000	4.5222	.51993

#1	2807.6	35214.	4003.8	17.426	2418.8
#2	2785.4	35594.	4034.9	16.044	2398.7
#3	2786.7	35385.	4022.5	16.235	2395.9

Sample Name: K1556-01MSD Acquired: 2/25/2019 13:58:53 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71527	1.9105	1.0840	1.6149	.11851	140.46	.50399	.20069
Stddev	.00148	.0053	.0025	.0059	.00224	.36	.00401	.00101
%RSD	.20748	.27888	.23352	.36277	1.8862	.25444	.79485	.50242
#1	.71544	1.9050	1.0819	1.6216	.11623	140.06	.50166	.19957
#2	.71665	1.9157	1.0868	1.6105	.12070	140.58	.50169	.20095
#3	.71370	1.9107	1.0833	1.6128	.11859	140.75	.50861	.20154
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18901	13.754	.58725	.26333	.41548	164.22	2.4604	22.522
Stddev	.00053	.139	.00017	.00030	.00078	.84	.0026	.114
%RSD	.27963	1.0105	.02980	.11560	.18746	.51109	.10548	.50529
#1	.18862	13.686	.58724	.26358	.41595	164.12	2.4574	22.405
#2	.18961	13.662	.58709	.26299	.41591	163.44	2.4620	22.632
#3	.18879	13.914	.58743	.26341	.41458	165.11	2.4618	22.531
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63067	.06088	8.8591	.49842	.50146	15.025	.32744	.17717
Stddev	.00077	.00052	.0633	.00181	.00299	.116	.00109	.01059
%RSD	.12193	.85812	.71395	.36229	.59602	.76949	.33153	5.9771
#1	.63059	.06056	8.8389	.49810	.50386	15.028	.32849	.18427
#2	.63148	.06060	8.8084	.50036	.50242	14.908	.32632	.16500
#3	.62995	.06148	8.9299	.49679	.49811	15.139	.32752	.18224
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6622	3.5934	.62217	1.9656	.26714	9.396	.06020	.89879
Stddev	.0568	.0861	.00246	.0097	.00342	.035	.00064	.21595
%RSD	1.5502	2.3963	.39585	.49412	1.2805	.3669	1.0686	24.026
#1	3.6072	3.5330	.62037	1.9548	.26333	9.361	.05979	.84314
#2	3.6588	3.6920	.62498	1.9686	.26995	9.430	.05986	.71612
#3	3.7206	3.5552	.62118	1.9735	.26813	9.396	.06094	1.1371

Sample Name: K1556-01MSD Acquired: 2/25/2019 13:58:53 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 395.87
Stddev	1.66
%RSD	.41826

#1	395.60
#2	397.64
#3	394.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.8	35398.	4047.3	14.666	2387.9
Stddev	14.2	40.	20.1	1.190	9.6
%RSD	.50943	.11367	.49753	8.1116	.40382

#1	2763.7	35437.	4053.8	16.037	2380.8
#2	2780.8	35400.	4063.4	13.908	2384.1
#3	2791.8	35356.	4024.7	14.053	2398.9

Sample Name: K1556-01A Acquired: 2/25/2019 14:03:05 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70997	1.9015	1.0770	1.6108	.11765	139.90	.49235	.20051
Stddev	.00446	.0042	.0047	.0047	.00097	.49	.00396	.00063
%RSD	.62757	.21964	.43319	.29262	.82237	.35376	.80437	.31309
#1	.71319	1.8968	1.0737	1.6154	.11790	140.07	.49251	.20112
#2	.70489	1.9029	1.0823	1.6111	.11847	139.34	.49623	.19986
#3	.71184	1.9048	1.0749	1.6060	.11658	140.29	.48831	.20056
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18774	13.661	.59617	.26188	.41440	162.67	2.4446	22.051
Stddev	.00039	.114	.00027	.00030	.00049	1.20	.0075	.184
%RSD	.20987	.83486	.04511	.11633	.11780	.73488	.30719	.83275
#1	.18794	13.768	.59628	.26154	.41390	163.85	2.4523	22.210
#2	.18799	13.673	.59586	.26195	.41488	162.69	2.4373	22.092
#3	.18728	13.541	.59636	.26214	.41443	161.46	2.4444	21.850
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62574	.06128	8.5078	.49746	.49697	14.827	.32613	.17046
Stddev	.00048	.00067	.0554	.00347	.00142	.074	.00115	.00575
%RSD	.07700	1.0945	.65170	.69686	.28525	.50172	.35157	3.3712
#1	.62620	.06173	8.5597	.49843	.49692	14.907	.32737	.16879
#2	.62524	.06051	8.5143	.49361	.49557	14.816	.32590	.17686
#3	.62578	.06159	8.4494	.50034	.49841	14.759	.32511	.16574
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7372	3.4543	.61691	1.9390	.26401	9.341	.05854	1.1763
Stddev	.0446	.0554	.00201	.0098	.00155	.011	.00060	.0886
%RSD	1.1940	1.6023	.32626	.50308	.58566	.1153	1.0249	7.5286
#1	3.7488	3.5107	.61538	1.9416	.26336	9.336	.05907	1.0752
#2	3.6879	3.4001	.61919	1.9472	.26577	9.353	.05865	1.2398
#3	3.7748	3.4522	.61617	1.9282	.26289	9.333	.05789	1.2140

Sample Name: K1556-01A Acquired: 2/25/2019 14:03:05 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 395.47
Stddev 2.99
%RSD .75580

#1 397.88
#2 392.13
#3 396.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.5	35167.	4088.5	16.651	2390.4
Stddev	8.7	90.	36.0	.723	4.6
%RSD	.31276	.25487	.88119	4.3438	.19124

#1	2777.8	35083.	4056.0	15.954	2386.3
#2	2793.5	35261.	4082.4	16.600	2395.4
#3	2779.3	35156.	4127.2	17.398	2389.6

Sample Name: K1348-03 Acquired: 2/25/2019 14:11:52 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03682	-.02421	.74687	-.05462	-.01627	167.53	.52819	.01105
Stddev	.00179	.00223	.00272	.00299	.00316	.50	.00403	.00006
%RSD	4.8602	9.2029	.36407	5.4655	19.417	.29671	.76357	.50688
#1	.03642	-.02164	.74409	-.05266	-.01938	167.07	.52873	.01112
#2	.03526	-.02559	.74698	-.05806	-.01306	168.06	.53192	.01103
#3	.03877	-.02540	.74953	-.05314	-.01636	167.46	.52391	.01101
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	40.575	.19042	.11640	.26308	196.83	4.0942	35.027
Stddev	.00019	.159	.00220	.00027	.00122	1.13	.0065	.317
%RSD	66.835	.39287	1.1559	.23536	.46338	.57198	.15832	.90482
#1	-.00049	40.728	.19296	.11668	.26341	197.97	4.0948	35.003
#2	-.00011	40.586	.18906	.11614	.26173	196.81	4.1004	35.356
#3	-.00027	40.410	.18923	.11638	.26410	195.71	4.0874	34.723
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20170	-.01135	4.5444	.34852	.94561	8.4331	.00551	-.05815
Stddev	.00042	.00040	.0411	.00145	.00217	.0515	.00030	.00624
%RSD	.20613	3.5597	.90329	.41519	.22939	.61107	5.4437	10.735
#1	.20124	-.01144	4.5573	.35015	.94423	8.4339	.00531	-.05112
#2	.20206	-.01091	4.5774	.34740	.94449	8.4842	.00537	-.06305
#3	.20179	-.01170	4.4984	.34801	.94811	8.3811	.00586	-.06027
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8672	4.2347	.04288	2.0035	.14862	6.384	-.06929	<.00000
Stddev	.0332	.0670	.00101	.0085	.00074	.006	.00156	.23080
%RSD	1.1574	1.5824	2.3670	.42513	.49962	.0998	2.2443	30.038
#1	2.8468	4.2561	.04322	2.0133	.14792	6.382	-.07098	-1.0234
#2	2.9055	4.2884	.04368	1.9981	.14855	6.379	-.06898	-.57385
#3	2.8492	4.1596	.04174	1.9990	.14940	6.391	-.06792	-.70785

Sample Name: K1348-03 Acquired: 2/25/2019 14:11:52 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 564.40
Stddev	2.64
%RSD	.46731

#1	565.93
#2	561.35
#3	565.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.5	37132.	4418.0	15.052	2298.2
Stddev	7.0	66.	34.1	.681	7.9
%RSD	.23943	.17724	.77081	4.5258	.34161

#1	2941.4	37120.	4388.0	15.142	2297.2
#2	2951.4	37073.	4410.9	15.683	2306.5
#3	2937.8	37203.	4455.0	14.330	2290.9

Sample Name: CCV02 Acquired: 2/25/2019 14:16:18 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0690	5.0397	4.9794	5.0719	5.1270	10.535	9.4672	.26310
Stddev	.0087	.0106	.0096	.0058	.0131	.577	.0211	.01461
%RSD	.17192	.20936	.19304	.11452	.25632	5.4783	.22291	5.5511
#1	5.0787	5.0494	4.9903	5.0775	5.1390	10.878	9.4707	.27298
#2	5.0665	5.0413	4.9722	5.0659	5.1290	9.8687	9.4863	.24633
#3	5.0619	5.0285	4.9757	5.0721	5.1129	10.858	9.4446	.27000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4880	24.422	1.0621	2.5381	1.2540	4.9573	2.6566	23.256
Stddev	.0024	.121	.0616	.0020	.0022	.0141	.1531	.044
%RSD	.09555	.49652	5.8011	.07834	.17595	.28551	5.7645	.18845
#1	2.4897	24.467	1.0988	2.5398	1.2561	4.9647	2.7511	23.258
#2	2.4890	24.514	.99099	2.5359	1.2541	4.9410	2.4799	23.210
#3	2.4853	24.285	1.0966	2.5387	1.2517	4.9662	2.7387	23.298
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4579	1.2626	23.094	2.4909	2.4424	22.848	4.9719	4.7210
Stddev	.0019	.0724	.064	.1417	.0041	.023	.0064	.0296
%RSD	.07707	5.7325	.27821	5.6869	.16612	.10198	.12849	.62720
#1	2.4595	1.3081	23.156	2.5814	2.4466	22.828	4.9793	4.7550
#2	2.4558	1.1791	23.098	2.3276	2.4422	22.874	4.9678	4.7015
#3	2.4584	1.3005	23.027	2.5636	2.4385	22.843	4.9686	4.7064
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7820	4.6676	4.8310	4.8756	4.8688	4.906	5.0641	F 3.6963
Stddev	.0111	.0141	.0109	.0029	.0156	.006	.0134	1.0784
%RSD	.23300	.30302	.22628	.05914	.32003	.1316	.26457	29.174
#1	4.7828	4.6736	4.8428	4.8726	4.8704	4.913	5.0611	4.3545
#2	4.7927	4.6514	4.8288	4.8756	4.8835	4.905	5.0787	2.4518
#3	4.7704	4.6777	4.8213	4.8784	4.8525	4.900	5.0524	4.2825

Sample Name: CCV02 Acquired: 2/25/2019 14:16:18 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV02 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1316
Stddev	1.2307
%RSD	39.299

#1	4.2175
#2	3.3824
#3	1.7948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.2	31834.	3491.1	14.756	2367.0
Stddev	2.1	1784.	8.8	1.088	1.4
%RSD	.08811	5.6029	.25247	7.3739	.05764

#1	2429.4	30739.	3487.4	15.770	2365.5
#2	2433.6	33892.	3484.8	13.607	2368.2
#3	2430.7	30870.	3501.2	14.890	2367.2

Sample Name: CCB02 Acquired: 2/25/2019 14:20:16 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00044	.00005	.00207	-.00176	.00064	-.01068
Stddev	.00079	.00035	.00026	.00317	.00120	.00740	.00273
%RSD	418.10	80.441	568.43	153.11	68.222	1160.5	25.508

#1	.00044	.00025	-.00019	.00271	-.00190	.00876	-.01041
#2	.00082	.00085	.00000	.00487	-.00289	-.00113	-.01354
#3	-.00070	.00022	.00033	-.00137	-.00050	-.00572	-.00810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	-.01209	-.00042	.00008	.00001	-.00217
Stddev	.00006	.00007	.01079	.00004	.00016	.00022	.00128
%RSD	97.119	240.65	89.192	9.2654	214.75	1723.0	59.036

#1	.00013	-.00004	-.00147	-.00038	-.00006	-.00010	-.00069
#2	.00001	.00002	-.02304	-.00042	.00026	-.00013	-.00300
#3	.00005	.00010	-.01177	-.00046	.00003	.00027	-.00281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.03308	.00039	.00001	-.00811	.00014	-.00009
Stddev	.00003	.02618	.00035	.00033	.00382	.00054	.00007
%RSD	57.468	79.142	90.202	2702.0	47.086	380.53	85.463

#1	.00007	.06311	.00078	-.00034	-.01244	.00064	-.00017
#2	.00005	.02117	.00013	.00031	-.00664	.00022	-.00003
#3	.00002	.01498	.00025	.00006	-.00524	-.00043	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13360	.00018	.00242	F -.02943	-.00035	.00022	-.00251
Stddev	.01318	.00017	.00587	.00772	.00251	.00006	.00148
%RSD	9.8690	92.381	242.75	26.232	722.15	29.136	59.186

#1	.14575	.00004	-.00413	-.02102	.00254	.00015	-.00237
#2	.11958	.00013	.00721	-.03108	-.00159	.00025	-.00405
#3	.13545	.00037	.00418	-.03620	-.00200	.00026	-.00109

Sample Name: CCB02 Acquired: 2/25/2019 14:20:16 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB02 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.0008	.00005	F 3.1553	F<.00000
Stddev	.00136	.0009	.00005	.1765	.32379
%RSD	111.20	120.7	111.40	5.5930	22.093
#1	.00035	-.0014	.00003	3.3033	-1.1278
#2	-.00207	.0003	.00010	2.9600	-1.7732
#3	-.00196	-.0012	.00000	3.2025	-1.4958
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.9	32159.	3500.8	16.492	2673.4
Stddev	3.3	161.	8.7	.523	2.4
%RSD	.13185	.50093	.24845	3.1706	.08815
#1	2509.5	31977.	3499.8	16.683	2670.7
#2	2510.6	32217.	3509.9	16.892	2675.0
#3	2515.7	32283.	3492.6	15.900	2674.5

Sample Name: K1348-05 Acquired: 2/25/2019 14:37:08 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03018	-.02193	.68709	-.04926	-.01470	151.20	.45596	.01063
Stddev	.00337	.00074	.00216	.00332	.00130	.95	.00164	.00017
%RSD	11.158	3.3887	.31369	6.7371	8.8788	.62661	.35891	1.5772
#1	.02652	-.02168	.68767	-.04747	-.01478	152.12	.45771	.01046
#2	.03314	-.02134	.68470	-.05309	-.01335	151.26	.45447	.01080
#3	.03089	-.02277	.68890	-.04722	-.01596	150.23	.45569	.01065
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	40.709	.16694	.11212	.28141	179.86	4.0638	35.484
Stddev	.00023	.200	.00075	.00026	.00068	1.80	.0045	.261
%RSD	27.128	.49243	.44806	.23050	.24191	.99957	.11097	.73670
#1	.00112	40.600	.16775	.11225	.28178	178.49	4.0630	35.612
#2	.00072	40.587	.16627	.11228	.28182	179.20	4.0686	35.183
#3	.00072	40.940	.16681	.11182	.28062	181.90	4.0597	35.656
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21816	-.00932	5.3135	.30109	.91318	6.5209	.00515	-.04895
Stddev	.00090	.00020	.0487	.00303	.00461	.0719	.00019	.00563
%RSD	.41100	2.1846	.91738	1.0066	.50429	1.1025	3.6853	11.505
#1	.21920	-.00946	5.3475	.30389	.91821	6.5510	.00499	-.05094
#2	.21759	-.00909	5.2577	.29787	.90918	6.4389	.00510	-.04259
#3	.21771	-.00941	5.3354	.30149	.91216	6.5729	.00536	-.05331
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9418	2.6427	.04100	1.6079	.15062	6.740	-.02508	<.00000
Stddev	.0232	.0173	.00051	.0123	.00083	.016	.00206	.07762
%RSD	.78858	.65554	1.2539	.76320	.55243	.2313	8.2201	4.2002
#1	2.9374	2.6560	.04067	1.6080	.15066	6.758	-.02281	-1.8545
#2	2.9668	2.6489	.04159	1.5956	.15142	6.734	-.02559	-1.7675
#3	2.9210	2.6231	.04073	1.6202	.14976	6.729	-.02683	-1.9223

Sample Name: K1348-05 Acquired: 2/25/2019 14:37:08 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 538.69
Stddev 6.30
%RSD 1.1690

#1 531.42
#2 542.55
#3 542.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.0	38209.	4595.0	15.912	2309.1
Stddev	10.8	137.	30.6	.833	8.7
%RSD	.35483	.35820	.66509	5.2333	.37530

#1	3041.1	38120.	4593.5	15.627	2299.1
#2	3040.5	38140.	4626.3	15.259	2313.8
#3	3059.5	38367.	4565.2	16.849	2314.5

Sample Name: PB117337BL Acquired: 2/25/2019 14:41:36 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117337BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00072	.00044	.00302	-.00254	.01092	-.01376
Stddev	.00061	.00140	.00068	.00161	.00142	.00360	.00112
%RSD	538.88	194.48	154.49	53.175	55.928	32.948	8.1588

#1	.00046	-.00083	.00027	.00420	-.00394	.00744	-.01247
#2	.00048	.00111	-.00014	.00119	-.00111	.01463	-.01439
#3	-.00059	.00189	.00119	.00367	-.00256	.01069	-.01443

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00001	-.00159	.00005	-.00007	-.00048	.00378
Stddev	.00004	.00006	.00441	.00039	.00006	.00083	.00360
%RSD	263.41	945.15	277.40	843.34	82.776	170.46	95.364

#1	-.00002	.00006	-.00425	.00043	-.00014	-.00124	.00793
#2	.00006	-.00003	.00350	-.00035	-.00002	-.00061	.00180
#3	.00000	-.00005	-.00402	.00006	-.00006	.00040	.00160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00828	.00028	.00045	-.03105	.00033	.00011
Stddev	.00007	.02254	.00026	.00017	.01008	.00016	.00008
%RSD	41.023	272.29	91.694	36.877	32.461	50.448	66.193

#1	.00022	.02925	.00056	.00028	-.02456	.00014	.00014
#2	.00018	.01116	.00005	.00061	-.02593	.00043	.00003
#3	.00009	-.01556	.00022	.00047	-.04267	.00041	.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13172	.00027	-.00306	-.00666	.00028	.00007	-.00287
Stddev	.01018	.00015	.00788	.01705	.00178	.00074	.00341
%RSD	7.7317	57.382	257.48	255.87	647.01	1135.1	118.61

#1	.11996	.00028	-.01176	.01121	.00229	.00066	-.00336
#2	.13771	.00011	-.00103	-.00844	-.00111	-.00076	.00075
#3	.13749	.00042	.00361	-.02275	-.00035	.00030	-.00601

Sample Name: PB117337BL Acquired: 2/25/2019 14:41:36 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117337BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	-.0011	.00002	F 2.9987	F<.00000
Stddev	.00195	.0009	.00004	.1210	.72619
%RSD	52.311	81.73	207.65	4.0342	49.646

#1	-.00252	-.0015	-.00003	3.0956	-2.0772
#2	-.00268	-.0001	.00006	3.0373	-1.6496
#3	-.00596	-.0018	.00003	2.8631	-.66138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.9	31757.	3535.3	16.853	2665.6
Stddev	9.8	26.	34.1	.555	9.0
%RSD	.39123	.08150	.96504	3.2935	.33822

#1	2512.0	31731.	3501.6	16.317	2673.8
#2	2493.5	31758.	3534.4	17.425	2656.0
#3	2497.2	31783.	3569.8	16.817	2667.1

Sample Name: K1356-09 Acquired: 2/25/2019 14:46:03 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03031	-.05025	.42835	-.07006	-.01490	156.29	.59285	.01283
Stddev	.00180	.00176	.00166	.00155	.00120	.22	.00065	.00003
%RSD	5.9329	3.5107	.38834	2.2101	8.0535	.14341	.11005	.25434
#1	.03223	-.05229	.42838	-.07069	-.01573	156.24	.59360	.01286
#2	.03006	-.04931	.43000	-.06829	-.01352	156.09	.59241	.01282
#3	.02866	-.04915	.42667	-.07119	-.01545	156.53	.59254	.01280
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	48.481	.17747	.19916	.39420	203.99	5.7159	41.954
Stddev	.00006	.211	.00171	.00129	.00243	.28	.0317	.145
%RSD	1.2154	.43595	.96611	.64815	.61767	.13909	.55423	.34574
#1	.00454	48.415	.17878	.19767	.39194	204.13	5.7079	41.951
#2	.00449	48.310	.17553	.19982	.39388	203.66	5.6891	41.811
#3	.00460	48.717	.17811	.19999	.39678	204.18	5.7509	42.101
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24174	-.01317	9.3678	.48254	.88593	9.0519	.00196	.01028
Stddev	.00067	.00042	.0521	.00245	.00099	.0650	.00017	.00508
%RSD	.27645	3.2074	.55581	.50673	.11176	.71788	8.4280	49.475
#1	.24125	-.01358	9.4238	.48527	.88663	9.0659	.00191	.00753
#2	.24147	-.01318	9.3208	.48178	.88480	8.9810	.00183	.00716
#3	.24250	-.01274	9.3587	.48056	.88638	9.1087	.00215	.01614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0853	3.0605	.03102	3.3751	.13226	9.627	-.00786	<.00000
Stddev	.0198	.0266	.00055	.0106	.00192	.009	.00082	.12407
%RSD	.38931	.86941	1.7786	.31386	1.4546	.0983	10.468	2.8241
#1	5.0991	3.0886	.03110	3.3637	.13095	9.621	-.00732	-4.4863
#2	5.0626	3.0357	.03152	3.3846	.13446	9.637	-.00881	-4.4411
#3	5.0943	3.0571	.03043	3.3771	.13135	9.621	-.00745	-4.2524

Sample Name: K1356-09 Acquired: 2/25/2019 14:46:03 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 718.26
 Stddev 7.64
 %RSD 1.0633

#1 726.96
 #2 715.17
 #3 712.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.6	40789.	4976.8	14.802	2242.0
Stddev	19.7	117.	30.5	1.134	5.1
%RSD	.60554	.28727	.61314	7.6617	.22681

#1	3253.2	40676.	4950.6	16.111	2237.0
#2	3263.8	40910.	5010.3	14.185	2247.2
#3	3225.7	40783.	4969.5	14.111	2241.7

Sample Name: K1536-01 Acquired: 2/25/2019 14:50:37 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00121	.00140	.00296	-.00013	.06317	.06957
Stddev	.00274	.00271	.00081	.00193	.00145	.00701	.00103
%RSD	323.79	223.47	58.105	65.388	1111.8	11.089	1.4824

#1	.00202	-.00170	.00078	.00380	-.00124	.05915	.07067
#2	-.00112	.00364	.00232	.00075	.00151	.07126	.06863
#3	-.00343	.00170	.00110	.00433	-.00067	.05911	.06939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00004	1.2649	-.00029	.00052	.00127	.23319
Stddev	.00004	.00004	.0030	.00020	.00009	.00030	.00343
%RSD	78.465	87.282	.23552	70.969	18.133	23.594	1.4709

#1	.00008	-.00003	1.2640	-.00042	.00060	.00144	.22928
#2	.00001	-.00008	1.2683	-.00005	.00042	.00092	.23461
#3	.00004	-.00001	1.2625	-.00039	.00054	.00144	.23569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05454	.34356	.00156	-.00001	117.89	.00023	.03842
Stddev	.00008	.00756	.00005	.00033	.24	.00025	.00021
%RSD	.14709	2.2017	3.4439	2844.9	.20722	111.15	.54105

#1	.05454	.33541	.00150	.00019	117.60	.00006	.03836
#2	.05445	.35035	.00159	.00018	118.03	.00052	.03865
#3	.05461	.34494	.00160	-.00040	118.02	.00010	.03826

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49982	.00010	.00524	.05768	.18524	.00063	-.00054
Stddev	.00029	.00038	.00565	.01309	.00367	.00055	.00360
%RSD	.05707	369.62	107.92	22.688	1.9814	87.485	661.69

#1	.50006	-.00030	.00558	.06638	.18105	.00118	.00296
#2	.49989	.00015	.01071	.04263	.18789	.00008	-.00036
#3	.49950	.00047	-.00058	.06402	.18678	.00062	-.00424

Sample Name: K1536-01 Acquired: 2/25/2019 14:50:37 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	-.0008	.00611	3.9991	F<.00000
Stddev	.00240	.0006	.00007	.0949	.24070
%RSD	75.470	77.57	1.0734	2.3740	10.711

#1	-.00504	-.0014	.00604	3.8895	-2.4476
#2	-.00401	-.0007	.00616	4.0522	-2.3139
#3	-.00047	-.0002	.00613	4.0556	-1.9802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.3	30475.	3522.1	14.443	2459.1
Stddev	9.5	25.	10.2	.571	9.3
%RSD	.39212	.08040	.28831	3.9538	.37806

#1	2441.5	30447.	3530.7	15.043	2466.4
#2	2437.8	30493.	3524.7	13.905	2462.3
#3	2423.5	30485.	3510.9	14.382	2448.6

Sample Name: K1356-11 Acquired: 2/25/2019 14:55:03 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03262	-.03479	.30106	-.10056	-.01932	219.85	.85564	.01746
Stddev	.00240	.00130	.00040	.00118	.00157	1.20	.00668	.00034
%RSD	7.3703	3.7492	.13331	1.1748	8.1131	.54724	.78056	1.9209
#1	.02984	-.03517	.30063	-.10112	-.02014	219.58	.84795	.01709
#2	.03407	-.03334	.30113	-.09920	-.02031	218.81	.85992	.01775
#3	.03394	-.03586	.30142	-.10135	-.01751	221.17	.85906	.01753
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00541	39.353	.34213	.17878	.37031	265.04	6.2397	47.271
Stddev	.00006	.228	.00099	.00059	.00117	.50	.0541	.120
%RSD	1.0568	.57961	.29017	.33265	.31624	.18765	.86748	.25327
#1	.00548	39.104	.34193	.17828	.37117	265.00	6.2879	47.225
#2	.00539	39.551	.34125	.17861	.36898	265.55	6.1811	47.181
#3	.00537	39.405	.34321	.17944	.37079	264.56	6.2499	47.407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30205	-.01915	9.8533	.61576	1.3060	10.093	.00033	-.09627
Stddev	.00063	.00041	.0211	.00278	.0055	.077	.00015	.00379
%RSD	.20833	2.1501	.21378	.45146	.42335	.76450	44.389	3.9334
#1	.30258	-.01941	9.8320	.61809	1.3084	10.006	.00048	-.10037
#2	.30222	-.01868	9.8741	.61268	1.2997	10.153	.00018	-.09289
#3	.30135	-.01938	9.8539	.61650	1.3099	10.121	.00033	-.09556
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6539	3.1968	.02751	2.6724	.21126	6.981	-.10146	<.00000
Stddev	.0277	.0333	.00037	.0047	.00088	.015	.00070	.06531
%RSD	1.0430	1.0428	1.3442	.17769	.41473	.2131	.68672	2.1705
#1	2.6816	3.1631	.02765	2.6669	.21096	6.979	-.10072	-2.9368
#2	2.6262	3.2298	.02779	2.6755	.21059	6.968	-.10211	-3.0252
#3	2.6537	3.1974	.02709	2.6747	.21225	6.997	-.10155	-3.0643

Sample Name: K1356-11 Acquired: 2/25/2019 14:55:03 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 936.41
Stddev	2.08
%RSD	.22176

#1	934.06
#2	937.16
#3	938.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.9	37696.	4637.1	15.706	2214.3
Stddev	4.5	142.	24.5	.794	5.6
%RSD	.14644	.37740	.52811	5.0563	.25512

#1	3038.3	37535.	4638.9	14.837	2212.0
#2	3046.1	37803.	4611.8	16.394	2220.8
#3	3038.5	37751.	4660.7	15.886	2210.2

Sample Name: K1586-03 Acquired: 2/25/2019 14:59:35 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	-.01806	.13526	-.03358	-.01187	139.73	.60244	.01052
Stddev	.00164	.00160	.00035	.00287	.00076	.80	.00353	.00004
%RSD	26.679	8.8661	.25658	8.5536	6.3866	.56902	.58633	.42250
#1	.00728	-.01840	.13486	-.03410	-.01275	139.89	.60641	.01047
#2	.00428	-.01631	.13540	-.03048	-.01146	138.87	.60126	.01053
#3	.00693	-.01946	.13551	-.03616	-.01141	140.43	.59964	.01055
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	16.087	.13128	.10417	.30285	137.08	6.9601	36.209
Stddev	.00005	.044	.00119	.00008	.00031	.20	.0398	.363
%RSD	2.4935	.27118	.90561	.07465	.10379	.14235	.57141	1.0033
#1	-.00222	16.125	.12991	.10417	.30288	137.24	6.9718	36.425
#2	-.00223	16.096	.13204	.10425	.30252	137.14	6.9157	35.789
#3	-.00213	16.040	.13189	.10410	.30315	136.86	6.9926	36.412
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21134	-.00378	6.8106	.16085	.53994	13.207	-.00028	.00911
Stddev	.00101	.00012	.0376	.00070	.00067	.020	.00015	.00633
%RSD	.47745	3.1362	.55251	.43411	.12385	.15086	51.883	69.547
#1	.21071	-.00364	6.8493	.16028	.53941	13.215	-.00040	.00204
#2	.21080	-.00386	6.7742	.16163	.54069	13.185	-.00032	.01428
#3	.21250	-.00383	6.8084	.16062	.53972	13.222	-.00012	.01100
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32494	8.5867	.01368	1.2222	.19721	4.918	-.06214	<.00000
Stddev	.01440	.0525	.00064	.0098	.00025	.014	.00093	.13222
%RSD	4.4321	.61122	4.6677	.80098	.12535	.2894	1.4936	14.783
#1	.31011	8.5578	.01303	1.2275	.19705	4.909	-.06232	-.79039
#2	.33887	8.6473	.01431	1.2109	.19750	4.935	-.06297	-1.0432
#3	.32584	8.5550	.01371	1.2283	.19709	4.912	-.06114	-.84964

Sample Name: K1586-03 Acquired: 2/25/2019 14:59:35 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 363.65
Stddev	1.17
%RSD	.32257

#1	365.00
#2	362.96
#3	362.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.2	37578.	4455.4	17.560	2367.8
Stddev	1.9	65.	16.9	1.238	6.0
%RSD	.06188	.17409	.37972	7.0481	.25523

#1	3013.4	37524.	4441.5	18.986	2370.3
#2	3011.3	37650.	4450.4	16.770	2360.9
#3	3015.0	37558.	4474.2	16.924	2372.1

Sample Name: K1592-03 Acquired: 2/25/2019 15:04:04 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03336	-.02212	.15035	-.04073	-.01456	160.55	.29651	.01082
Stddev	.00209	.00312	.00204	.00170	.00114	.79	.00602	.00010
%RSD	6.2523	14.100	1.3536	4.1764	7.8540	.49179	2.0302	.94135
#1	.03534	-.02072	.15073	-.04216	-.01397	161.36	.30182	.01092
#2	.03118	-.02569	.15218	-.03885	-.01588	160.50	.29774	.01072
#3	.03357	-.01994	.14816	-.04118	-.01383	159.78	.28997	.01081
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	53.721	.15843	.08143	.19882	170.46	14.531	29.056
Stddev	.00032	.372	.00043	.00033	.00034	2.10	.036	.395
%RSD	13.466	.69209	.27206	.40107	.16990	1.2327	.24641	1.3583
#1	-.00262	53.994	.15856	.08162	.19845	172.06	14.573	29.257
#2	-.00257	53.870	.15877	.08161	.19890	171.24	14.512	29.309
#3	-.00204	53.297	.15794	.08105	.19911	168.08	14.509	28.601
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13997	-.00542	7.6912	.28816	6.4986	6.6589	.00161	-.00586
Stddev	.00010	.00051	.0840	.00044	.0190	.0813	.00033	.00628
%RSD	.07058	9.3463	1.0922	.15245	.29299	1.2209	20.327	107.14
#1	.14002	-.00498	7.7538	.28808	6.4901	6.7382	.00125	.00036
#2	.14002	-.00531	7.7242	.28777	6.4854	6.6629	.00188	-.00574
#3	.13985	-.00597	7.5958	.28864	6.5205	6.5757	.00169	-.01219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6697	3.2846	.01784	1.4446	.13822	4.536	.18875	.36583
Stddev	.0096	.0551	.00080	.0102	.00160	.006	.00096	.17044
%RSD	.57750	1.6773	4.4845	.70840	1.1563	.1375	.50625	46.591
#1	1.6586	3.3125	.01699	1.4476	.13688	4.543	.18880	.56257
#2	1.6748	3.3202	.01858	1.4530	.13999	4.531	.18968	.27226
#3	1.6758	3.2212	.01795	1.4332	.13778	4.534	.18777	.26266

Sample Name: K1592-03 Acquired: 2/25/2019 15:04:04 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 443.99
 Stddev .39
 %RSD .08763

#1 443.96
 #2 444.40
 #3 443.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.5	34508.	4155.0	15.641	2325.5
Stddev	3.6	187.	40.0	1.034	3.1
%RSD	.13088	.54212	.96279	6.6126	.13117

#1	2766.8	34302.	4124.0	14.497	2326.6
#2	2770.0	34555.	4140.8	16.510	2327.8
#3	2762.8	34667.	4200.2	15.915	2322.0

Sample Name: K1596-01 Acquired: 2/25/2019 15:08:38 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-13 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05142	-.10134	2.0577	-.08669	-.01528	180.58	1.4076	.01285
Stddev	.00192	.00158	.0039	.00239	.00023	.49	.0065	.00010
%RSD	3.7305	1.5619	.18974	2.7606	1.4752	.27303	.46076	.80523
#1	.05362	-.09972	2.0553	-.08790	-.01521	180.02	1.4148	.01297
#2	.05015	-.10141	2.0622	-.08824	-.01554	180.75	1.4059	.01277
#3	.05048	-.10288	2.0557	-.08393	-.01510	180.97	1.4022	.01281
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01078	542.72	.35491	.16922	.70652	202.35	4.6684	195.13
Stddev	.00019	1.07	.00111	.00012	.00069	.72	.0045	.80
%RSD	1.7222	.19787	.31307	.07188	.09716	.35617	.09705	.41045
#1	.01061	543.47	.35556	.16934	.70731	203.18	4.6634	195.89
#2	.01098	541.49	.35362	.16910	.70605	201.90	4.6721	195.21
#3	.01076	543.20	.35553	.16923	.70621	201.97	4.6698	194.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35470	-.01624	11.071	.58121	3.4812	32.898	.01060	-.07327
Stddev	.00083	.00020	.097	.00129	.0100	.171	.00011	.00540
%RSD	.23356	1.2576	.87894	.22192	.28816	.52106	1.0611	7.3655
#1	.35480	-.01634	11.182	.58211	3.4826	33.068	.01059	-.07929
#2	.35383	-.01637	11.031	.57973	3.4705	32.725	.01049	-.07166
#3	.35547	-.01600	11.001	.58178	3.4905	32.901	.01072	-.06886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.830	2.2893	.33546	7.8042	.26632	8.631	.70613	1.3461
Stddev	.072	.0354	.00063	.0815	.00171	.008	.00280	.0436
%RSD	.48865	1.5454	.18800	1.0449	.64376	.0916	.39624	3.2395
#1	14.912	2.3276	.33579	7.7110	.26487	8.624	.70851	1.3417
#2	14.804	2.2579	.33473	7.8621	.26589	8.630	.70305	1.3917
#3	14.774	2.2822	.33586	7.8396	.26821	8.640	.70683	1.3049

Sample Name: K1596-01 Acquired: 2/25/2019 15:08:38 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-13 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 626.20
 Stddev 1.14
 %RSD .18149

#1 625.65
 #2 627.50
 #3 625.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.8	32479.	4206.5	13.663	1973.8
Stddev	11.6	23.	29.2	.290	8.6
%RSD	.44574	.06930	.69390	2.1194	.43810

#1	2593.0	32466.	4172.8	13.906	1973.1
#2	2611.1	32466.	4222.7	13.742	1982.9
#3	2589.5	32505.	4224.0	13.343	1965.6

Sample Name: K1596-02 Acquired: 2/25/2019 15:13:03 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05614	-.09980	3.0528	-.09154	-.01373	193.65	1.8564	.01401
Stddev	.00357	.00210	.0081	.00560	.00102	.63	.0067	.00036
%RSD	6.3680	2.1088	.26624	6.1165	7.4298	.32772	.36137	2.5504
#1	.05272	-.10185	3.0612	-.09725	-.01448	192.92	1.8637	.01441
#2	.05985	-.09764	3.0450	-.08606	-.01257	194.11	1.8552	.01390
#3	.05584	-.09992	3.0521	-.09131	-.01414	193.91	1.8504	.01372
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01424	784.71	.35559	.16267	.83616	203.09	5.2930	284.50
Stddev	.00015	3.14	.00158	.00042	.00225	.87	.0098	.43
%RSD	1.0608	.40062	.44496	.26053	.26937	.43024	.18551	.15156
#1	.01437	781.71	.35388	.16280	.83837	202.24	5.2897	284.20
#2	.01407	787.98	.35700	.16220	.83387	203.98	5.3040	284.30
#3	.01428	784.44	.35589	.16302	.83625	203.06	5.2852	284.99
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36042	-.02064	13.416	.61753	4.8783	33.875	.01563	-.06830
Stddev	.00271	.00048	.056	.00291	.0250	.058	.00015	.00642
%RSD	.75059	2.3313	.41508	.47101	.51140	.17047	.92826	9.4043
#1	.36203	-.02092	13.480	.62085	4.8792	33.941	.01554	-.06435
#2	.35729	-.02092	13.384	.61545	4.8529	33.848	.01579	-.07571
#3	.36193	-.02008	13.383	.61629	4.9028	33.836	.01554	-.06484
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.906	2.6404	.14300	7.9711	.30477	9.560	.99432	1.7907
Stddev	.122	.0089	.00095	.0043	.00210	.036	.00067	.1788
%RSD	.55799	.33588	.66101	.05434	.69032	.3794	.06717	9.9859
#1	22.047	2.6409	.14236	7.9699	.30695	9.602	.99409	1.6220
#2	21.847	2.6490	.14257	7.9759	.30462	9.538	.99508	1.9782
#3	21.824	2.6313	.14409	7.9675	.30275	9.541	.99381	1.7719

Sample Name: K1596-02 Acquired: 2/25/2019 15:13:03 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-14 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 631.78
 Stddev 1.40
 %RSD .22158

#1 630.17
 #2 632.63
 #3 632.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.3	31814.	4116.9	13.851	1893.4
Stddev	12.3	82.	10.8	1.107	9.5
%RSD	.48339	.25708	.26341	7.9891	.50250

#1	2539.9	31812.	4110.4	12.737	1889.5
#2	2558.2	31733.	4111.0	14.950	1904.2
#3	2534.9	31896.	4129.5	13.864	1886.4

Sample Name: PB117337BS Acquired: 2/25/2019 15:21:51 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117337BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81798	2.0408	.98442	2.0832	.84908	2.2126	.18587
Stddev	.00564	.0024	.00206	.0060	.00358	.0052	.00033
%RSD	.68945	.11844	.20969	.28788	.42161	.23651	.17612

#1	.82250	2.0384	.98219	2.0893	.85173	2.2148	.18618
#2	.81978	2.0433	.98626	2.0830	.85050	2.2067	.18553
#3	.81166	2.0407	.98481	2.0773	.84501	2.2164	.18590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22833	.19579	1.0108	.46608	.20367	.32234	3.2264
Stddev	.00065	.00060	.0055	.00170	.00050	.00161	.0191
%RSD	.28547	.30893	.54675	.36420	.24633	.49897	.59282

#1	.22908	.19523	1.0138	.46412	.20328	.32295	3.2187
#2	.22793	.19643	1.0143	.46698	.20424	.32356	3.2123
#3	.22798	.19572	1.0045	.46714	.20350	.32052	3.2481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23980	1.9524	.49294	.07838	2.8569	.32444	.19127
Stddev	.00086	.0493	.00211	.00022	.0273	.00201	.00030
%RSD	.35824	2.5274	.42859	.27591	.95426	.61872	.15644

#1	.24058	1.9996	.49156	.07849	2.8724	.32657	.19127
#2	.23888	1.9565	.49537	.07853	2.8254	.32415	.19157
#3	.23995	1.9012	.49189	.07814	2.8729	.32259	.19097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5414	.40139	.27323	F -.00927	.87632	.63989	.19084
Stddev	.0931	.00124	.01533	.00635	.00557	.00086	.00194
%RSD	.97619	.30792	5.6112	68.511	.63608	.13448	1.0154

#1	9.5737	.40281	.28435	-.01127	.87364	.63907	.19237
#2	9.4363	.40055	.27960	-.00216	.87259	.64078	.18866
#3	9.6140	.40081	.25574	-.01438	.88272	.63981	.19148

Sample Name: PB117337BS Acquired: 2/25/2019 15:21:51 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117337BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21216	5.534	.20419	F 3.1768	F 11.118
Stddev	.00108	.010	.00005	.0545	1.167
%RSD	.50896	.1872	.02601	1.7164	10.495
#1	.21338	5.529	.20421	3.2255	10.416
#2	.21180	5.546	.20423	3.1869	12.465
#3	.21131	5.527	.20413	3.1179	10.473
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.9	31426.	3541.6	15.431	2629.6
Stddev	9.4	56.	15.7	.903	7.6
%RSD	.37593	.17816	.44284	5.8509	.28782
#1	2501.1	31396.	3539.8	15.875	2631.3
#2	2515.6	31491.	3558.1	16.025	2636.1
#3	2498.0	31391.	3526.8	14.392	2621.3

Sample Name: CCV03 Acquired: 2/25/2019 15:46:40 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8941	4.8717	4.8263	4.8802	4.9871	10.704	9.4249	.27068
Stddev	.0165	.0057	.0102	.0140	.0257	.142	.0445	.00052
%RSD	.33739	.11710	.21042	.28670	.51628	1.3239	.47217	.19055
#1	4.9105	4.8713	4.8210	4.8958	5.0169	10.552	9.4762	.27118
#2	4.8775	4.8776	4.8198	4.8689	4.9728	10.729	9.4016	.27070
#3	4.8943	4.8662	4.8380	4.8758	4.9717	10.832	9.3969	.27015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4113	22.914	1.0816	2.4744	1.1957	4.6692	2.7333	23.630
Stddev	.0038	.028	.0061	.0067	.0030	.0354	.0057	.066
%RSD	.15590	.12228	.56308	.27216	.25244	.75792	.20921	.27967
#1	2.4104	22.900	1.0772	2.4732	1.1991	4.7100	2.7269	23.681
#2	2.4080	22.895	1.0789	2.4684	1.1932	4.6494	2.7349	23.555
#3	2.4154	22.946	1.0885	2.4817	1.1948	4.6481	2.7380	23.654
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3584	1.2511	23.505	2.4967	2.3596	22.957	4.7097	F 4.3772
Stddev	.0050	.0068	.211	.0050	.0046	.164	.0106	.0122
%RSD	.21156	.54443	.89703	.20051	.19268	.71276	.22451	.27803
#1	2.3566	1.2457	23.746	2.4952	2.3584	23.139	4.7207	4.3878
#2	2.3546	1.2488	23.414	2.4926	2.3558	22.909	4.6997	4.3798
#3	2.3641	1.2588	23.354	2.5023	2.3646	22.823	4.7087	4.3639
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5469	F 4.2896	4.5664	4.5707	4.5968	4.715	4.8152	F 3.9422
Stddev	.0237	.0405	.0111	.0075	.0230	.011	.0157	.2380
%RSD	.52023	.94511	.24230	.16338	.50041	.2373	.32554	6.0372
#1	4.5714	4.3357	4.5584	4.5637	4.6233	4.711	4.8332	3.8265
#2	4.5242	4.2596	4.5619	4.5786	4.5854	4.727	4.8084	3.7843
#3	4.5449	4.2734	4.5791	4.5697	4.5817	4.706	4.8041	4.2160

Sample Name: CCV03 Acquired: 2/25/2019 15:46:40 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6062
 Stddev .5854
 %RSD 36.446

#1 1.1617
 #2 1.3873
 #3 2.2695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.7	30142.	3588.6	15.733	2361.5
Stddev	8.5	116.	34.9	.646	4.4
%RSD	.35168	.38610	.97384	4.1042	.18563

#1	2418.4	30234.	3548.3	15.277	2360.1
#2	2435.1	30181.	3610.3	15.449	2366.4
#3	2429.6	30011.	3607.3	16.472	2358.0

Sample Name: CCB03 Acquired: 2/25/2019 15:50:39 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00071	.00006	.00495	-.00162	-.00625	-.01437
Stddev	.00083	.00194	.00077	.00423	.00158	.00180	.00206
%RSD	55.344	271.79	1323.7	85.494	97.750	28.860	14.370

#1	-.00075	-.00249	.00016	.00179	-.00016	-.00519	-.01288
#2	-.00134	-.00099	-.00076	.00975	-.00330	-.00523	-.01672
#3	-.00238	.00135	.00078	.00330	-.00138	-.00833	-.01350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00010	-.01836	-.00055	-.00011	-.00070	-.00265
Stddev	.00005	.00015	.01267	.00004	.00013	.00018	.00050
%RSD	84.613	144.09	69.031	7.5280	117.60	25.238	18.763

#1	.00009	.00022	-.00383	-.00051	-.00004	-.00066	-.00281
#2	.00008	-.00006	-.02712	-.00059	-.00026	-.00055	-.00305
#3	.00000	.00015	-.02411	-.00054	-.00003	-.00090	-.00209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01999	.00033	.00023	-.04978	.00018	.00046
Stddev	.00003	.04957	.00008	.00021	.01571	.00039	.00017
%RSD	158.01	247.93	25.207	89.964	31.551	223.66	36.582

#1	.00001	-.04754	.00030	.00004	-.05783	.00061	.00064
#2	-.00000	-.04966	.00026	.00045	-.05983	.00008	.00042
#3	.00005	.03723	.00042	.00021	-.03168	-.00016	.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13083	.00031	-.00033	F -.02451	.00017	-.00021	-.00021
Stddev	.00739	.00004	.00418	.01373	.00150	.00105	.00038
%RSD	5.6484	11.240	1275.4	56.014	884.40	500.15	186.02

#1	.12501	.00034	.00442	-.01572	-.00137	-.00066	.00012
#2	.12834	.00027	-.00197	-.04033	.00163	-.00096	-.00012
#3	.13914	.00033	-.00343	-.01749	.00025	.00099	-.00063

Sample Name: CCB03 Acquired: 2/25/2019 15:50:39 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00192	-0.0012	.00014	F 2.7298	F<.00000
Stddev	.00043	.0010	.00004	.1596	.30736
%RSD	22.626	87.93	26.091	5.8446	17.497

#1	-0.00142	-0.0003	.00013	2.9108	-1.5797
#2	-0.00215	-0.0023	.00010	2.6094	-1.5786
#3	-0.00219	-0.0009	.00017	2.6693	-2.1115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.9	31202.	3566.4	15.289	2676.1
Stddev	16.0	58.	15.8	.365	23.4
%RSD	.64090	.18719	.44330	2.3898	.87406

#1	2522.2	31181.	3580.9	15.425	2702.0
#2	2497.8	31268.	3549.5	14.875	2669.9
#3	2491.9	31158.	3568.7	15.567	2656.5

Sample Name: PB117311BL Acquired: 2/25/2019 15:55:07 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00015	.00110	.00185	.00083	-.01213	-.01589
Stddev	.00092	.00087	.00084	.00397	.00241	.01153	.00055
%RSD	113.14	592.72	76.218	214.80	290.43	95.020	3.4746

#1	-.00090	-.00052	.00023	-.00260	.00245	-.02544	-.01536
#2	-.00169	.00084	.00190	.00503	.00197	-.00538	-.01646
#3	.00015	-.00076	.00117	.00311	-.00193	-.00557	-.01585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00003	-.00405	-.00070	-.00003	-.00027	-.00144
Stddev	.00004	.00010	.00962	.00063	.00009	.00044	.00171
%RSD	112.87	280.22	237.70	90.100	266.31	163.79	119.13

#1	.00001	-.00006	-.00441	-.00141	.00001	.00018	-.00333
#2	-.00007	.00002	-.01349	-.00020	.00003	-.00029	-.00098
#3	-.00005	.00014	.00575	-.00049	-.00014	-.00071	-.00000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01635	.00026	.00065	-.06480	.00068	.00018
Stddev	.00009	.01513	.00018	.00046	.00377	.00019	.00012
%RSD	171.58	92.517	68.134	70.621	5.8192	27.583	64.860

#1	.00016	-.01306	.00040	.00061	-.06720	.00052	.00009
#2	-.00001	-.00315	.00006	.00022	-.06675	.00088	.00014
#3	.00001	-.03286	.00032	.00114	-.06046	.00063	.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12010	.00018	-.00868	F -.02926	.00044	.00032	-.00103
Stddev	.01752	.00007	.00359	.01736	.00214	.00037	.00134
%RSD	14.589	40.337	41.408	59.355	487.76	115.48	129.33

#1	.10992	.00017	-.00491	-.02880	-.00198	.00072	-.00044
#2	.11005	.00026	-.00906	-.04684	.00123	-.00001	-.00256
#3	.14033	.00011	-.01207	-.01212	.00208	.00026	-.00010

Sample Name: PB117311BL Acquired: 2/25/2019 15:55:07 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.0007	.00002	F 2.8291	F<.00000
Stddev	.00129	.0011	.00006	.1024	.48081
%RSD	40.995	160.7	368.46	3.6196	33.587

#1	-.00376	-.0011	-.00006	2.8840	-1.5432
#2	-.00401	.0006	.00005	2.8922	-.90473
#3	-.00166	-.0016	.00005	2.7109	-1.8467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.7	30958.	3523.4	16.747	2630.3
Stddev	10.5	71.	37.1	.936	10.2
%RSD	.42550	.22959	1.0523	5.5904	.38720

#1	2465.1	30997.	3497.2	17.317	2641.8
#2	2460.1	30876.	3507.2	17.258	2626.9
#3	2445.0	31001.	3565.9	15.667	2622.2

Sample Name: PB117350BL Acquired: 2/25/2019 16:03:45 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00114	.00017	.00397	.00020	.00014	-.01212
Stddev	.00079	.00135	.00015	.00418	.00156	.00325	.00163
%RSD	152.10	117.76	85.934	105.23	793.37	2277.4	13.411

#1	.00021	.00175	.00029	.00206	-.00052	-.00215	-.01130
#2	-.00007	-.00040	.00001	.00109	.00198	-.00128	-.01399
#3	.00142	.00208	.00022	.00876	-.00087	.00386	-.01107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	-.02068	-.00016	-.00013	-.00051	-.00153
Stddev	.00005	.00007	.00920	.00030	.00001	.00037	.00080
%RSD	246.47	727.07	44.494	194.56	11.303	72.681	52.643

#1	-.00000	.00003	-.01915	.00018	-.00013	-.00028	-.00205
#2	-.00008	-.00009	-.03055	-.00042	-.00014	-.00031	-.00060
#3	.00002	.00003	-.01234	-.00023	-.00011	-.00094	-.00193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.03274	.00037	.00052	-.06687	.00032	.00028
Stddev	.00006	.04788	.00010	.00059	.00358	.00045	.00006
%RSD	198.72	146.23	26.471	114.34	5.3528	142.56	20.248

#1	.00004	.06506	.00049	-.00012	-.06312	.00074	.00022
#2	-.00003	-.02226	.00031	.00064	-.06726	.00037	.00033
#3	.00008	.05544	.00033	.00105	-.07024	-.00016	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10930	.00008	-.00093	F -.02727	-.00353	.00000	-.00100
Stddev	.00808	.00003	.01098	.01496	.00284	.00118	.00128
%RSD	7.3891	35.781	1185.3	54.857	80.361	91339.	128.50

#1	.10829	.00007	.00325	-.03148	-.00042	-.00053	-.00246
#2	.10177	.00006	-.01338	-.01066	-.00419	-.00083	-.00005
#3	.11783	.00011	.00736	-.03968	-.00598	.00136	-.00049

Sample Name: PB117350BL Acquired: 2/25/2019 16:03:45 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	-.0016	.00001	F 3.2037	F<.00000
Stddev	.00074	.0007	.00009	.0486	1.0553
%RSD	29.071	42.12	624.07	1.5183	61.352

#1	-.00186	-.0024	.00004	3.1499	-1.6478
#2	-.00332	-.0013	-.00009	3.2444	-.70277
#3	-.00241	-.0012	.00008	3.2169	-2.8097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.3	30395.	3528.5	15.397	2622.1
Stddev	1.3	52.	14.8	.350	5.2
%RSD	.05432	.17200	.41895	2.2734	.19904

#1	2456.7	30378.	3523.4	15.392	2616.8
#2	2454.0	30353.	3516.9	15.050	2622.2
#3	2455.3	30454.	3545.1	15.750	2627.2

Sample Name: PB117350TB Acquired: 2/25/2019 16:12:20 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00336	.00138	.00520	.00069	.01318	-.02561	-.00017
Stddev	.00100	.00124	.00102	.00370	.00136	.00780	.00136	.00005
%RSD	561.43	36.951	73.513	71.097	198.65	59.167	5.3077	28.679
#1	.00064	-.00341	.00127	.00150	-.00089	.01257	-.02479	-.00012
#2	.00086	-.00209	.00246	.00520	.00146	.00570	-.02717	-.00021
#3	-.00097	-.00457	.00043	.00890	.00149	.02126	-.02486	-.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00442	.00303	-.00042	-.00029	.00404	.00029	.00534
Stddev	.00008	.01624	.00032	.00020	.00023	.00150	.00004	.04704
%RSD	185.92	367.60	10.539	46.035	78.823	37.107	13.610	880.92
#1	.00003	.00975	.00275	-.00028	-.00005	.00321	.00027	-.04738
#2	-.00014	-.02215	.00338	-.00065	-.00032	.00313	.00034	.02035
#3	-.00002	-.00085	.00295	-.00034	-.00050	.00577	.00028	.04305
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	.00229	F 279.83	.00090	.00551	.24042	.00070	-.00111
Stddev	.00044	.00011	3.11	.00046	.00012	.00328	.00032	.00679
%RSD	13.570	4.6773	1.1109	50.809	2.1499	1.3645	45.530	610.78
#1	.00351	.00236	280.25	.00057	.00548	.24017	.00033	.00087
#2	.00271	.00234	276.54	.00142	.00541	.23727	.00089	.00447
#3	.00341	.00217	282.71	.00070	.00564	.24381	.00088	-.00867
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00654	.00416	.00114	-.00215	-.00050	-.0010	.00002	4.5816
Stddev	.01041	.00118	.00063	.00117	.00255	.0008	.00003	.1623
%RSD	159.20	28.258	55.391	54.560	513.33	80.36	138.16	3.5424
#1	.00226	.00315	.00100	-.00132	-.00291	-.0018	.00003	4.7309
#2	-.00385	.00545	.00183	-.00350	-.00076	-.0010	.00005	4.4088
#3	-.01804	.00389	.00059	-.00164	.00217	-.0002	-.00001	4.6051

Sample Name: PB117350TB Acquired: 2/25/2019 16:12:20 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.69028
%RSD	17.241

#1	-4.1176
#2	-3.2635
#3	-4.6299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.0	28220.	3552.2	15.092	2320.4
Stddev	4.6	157.	22.4	.408	5.0
%RSD	.19935	.55791	.62983	2.7057	.21565

#1	2287.0	28038.	3537.7	15.383	2318.7
#2	2294.2	28297.	3577.9	15.267	2326.0
#3	2285.8	28323.	3540.8	14.625	2316.5

Sample Name: PB117351BL Acquired: 2/25/2019 16:16:55 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00051	-.00005	.00388	.00116	.00061	-.01561
Stddev	.00284	.00052	.00132	.00210	.00155	.01195	.00167
%RSD	470.89	101.99	2439.9	54.146	133.37	1954.1	10.690

#1	.00194	.00004	-.00003	.00224	-.00041	.01423	-.01409
#2	-.00009	.00108	-.00139	.00315	.00269	-.00428	-.01740
#3	-.00366	.00042	.00125	.00625	.00122	-.00812	-.01535

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	-.00206	-.00065	-.00005	-.00031	-.00470
Stddev	.00006	.00008	.00470	.00034	.00025	.00020	.00072
%RSD	114.69	247.51	228.16	52.557	460.71	63.355	15.246

#1	.00006	.00011	-.00182	-.00103	.00001	-.00044	-.00449
#2	.00011	.00002	-.00687	-.00039	.00016	-.00008	-.00550
#3	-.00001	-.00004	.00252	-.00051	-.00032	-.00041	-.00411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01071	.00033	.00059	-.00744	.00040	.00020
Stddev	.00006	.05610	.00037	.00030	.00291	.00077	.00005
%RSD	468.27	523.80	112.09	50.534	39.089	191.06	27.258

#1	.00000	.05256	.00003	.00077	-.00954	.00100	.00024
#2	.00004	-.03029	.00021	.00025	-.00412	.00067	.00014
#3	-.00009	-.05439	.00075	.00076	-.00866	-.00047	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15037	.00006	-.00327	F -.01177	-.00385	.00003	-.00278
Stddev	.00573	.00015	.00492	.01880	.00139	.00034	.00104
%RSD	3.8075	265.09	150.24	159.70	36.013	1159.0	37.524

#1	.15082	-.00008	-.00889	-.02758	-.00544	.00030	-.00344
#2	.15586	.00003	-.00118	-.01676	-.00293	.00013	-.00332
#3	.14444	.00022	.00025	.00902	-.00317	-.00035	-.00158

Sample Name: PB117351BL Acquired: 2/25/2019 16:16:55 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.0020	.00001	F 3.1317	F<.00000
Stddev	.00121	.0002	.00004	.0915	.14984
%RSD	164.15	10.30	451.09	2.9228	9.3573
#1	-.00060	-.0019	.00003	3.2116	-1.4323
#2	-.00202	-.0023	.00004	3.1517	-1.7180
#3	.00040	-.0019	-.00004	3.0318	-1.6535
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.8	30500.	3572.0	15.678	2645.0
Stddev	2.3	56.	24.6	.964	5.5
%RSD	.09210	.18388	.68785	6.1489	.20949
#1	2479.4	30455.	3544.2	14.567	2645.6
#2	2477.7	30481.	3581.3	16.175	2639.3
#3	2482.3	30563.	3590.6	16.292	2650.3

Sample Name: PB117351TB Acquired: 2/25/2019 16:25:28 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00593	-.00330	.00048	.00519	.00020	.01419	-.02472
Stddev	.00178	.00029	.00104	.00035	.00176	.01703	.00484
%RSD	29.955	8.9478	217.99	6.7571	885.71	119.96	19.563

#1	-.00797	-.00356	.00148	.00540	.00013	.00714	-.02302
#2	-.00477	-.00298	.00054	.00478	.00199	.00183	-.03018
#3	-.00504	-.00335	-.00059	.00537	-.00153	.03361	-.02097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00004	-.00982	.00088	-.00042	-.00046	-.00194
Stddev	.00011	.00002	.00155	.00045	.00020	.00020	.00008
%RSD	150.52	44.310	15.780	50.948	48.820	43.160	3.9061

#1	-.00019	-.00002	-.00820	.00102	-.00024	-.00066	-.00186
#2	-.00006	-.00006	-.00997	.00124	-.00064	-.00027	-.00201
#3	.00003	-.00005	-.01129	.00038	-.00037	-.00043	-.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01514	.00359	.00306	F 288.61	.00021	.00607
Stddev	.00003	.04328	.00032	.00070	2.00	.00048	.00016
%RSD	53.178	285.92	8.9681	22.786	.69466	232.38	2.5721

#1	.00009	.00356	.00396	.00384	289.78	.00072	.00623
#2	.00003	-.02118	.00345	.00249	286.30	-.00024	.00592
#3	.00005	.06303	.00337	.00285	289.76	.00014	.00606

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20294	.00054	-.00547	F -.01868	.00136	.00130	-.00168
Stddev	.01893	.00026	.00925	.00237	.00177	.00111	.00205
%RSD	9.3277	47.879	169.18	12.702	129.95	85.377	122.35

#1	.22443	.00084	-.00489	-.01986	.00049	.00251	.00059
#2	.19562	.00035	-.01500	-.02024	.00339	.00034	-.00342
#3	.18876	.00045	.00348	-.01595	.00020	.00103	-.00221

Sample Name: PB117351TB Acquired: 2/25/2019 16:25:28 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	.0011	.00007	5.2205	<.00000
Stddev	.00135	.0008	.00004	.1785	.64945
%RSD	125.42	67.49	64.949	3.4190	15.989

#1	-.00259	.0020	.00002	5.4030	-4.6814
#2	-.00063	.0007	.00009	5.0464	-4.1184
#3	-.00001	.0007	.00009	5.2121	-3.3862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.9	27612.	3524.7	16.800	2303.6
Stddev	16.0	132.	19.3	1.194	17.1
%RSD	.70278	.47752	.54710	7.1057	.74113

#1	2256.7	27461.	3536.3	17.133	2284.2
#2	2288.2	27675.	3535.5	17.792	2316.6
#3	2277.0	27701.	3502.5	15.475	2309.9

Sample Name: PB117350BS Acquired: 2/25/2019 16:43:37 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76426	1.8928	.92093	1.9189	.83956	2.1823	F .16358
Stddev	.00154	.0060	.00157	.0120	.00304	.0030	.00264
%RSD	.20115	.31704	.17101	.62355	.36206	.13913	1.6134

#1	.76515	1.8998	.92240	1.9190	.84219	2.1816	.16222
#2	.76248	1.8891	.91927	1.9068	.84026	2.1796	.16662
#3	.76514	1.8896	.92113	1.9307	.83623	2.1856	.16189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21332	.18202	.95673	.45385	.19540	.30009	2.9731
Stddev	.00095	.00034	.01231	.00051	.00047	.00037	.0075
%RSD	.44640	.18499	1.2864	.11249	.23905	.12470	.25136

#1	.21349	.18182	.94277	.45444	.19594	.30051	2.9817
#2	.21417	.18183	.96602	.45360	.19508	.29996	2.9681
#3	.21229	.18241	.96140	.45352	.19518	.29979	2.9695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .23432	1.7923	.46080	.07174	2.6442	.31167	.17839
Stddev	.00099	.0139	.00082	.00116	.0221	.00110	.00046
%RSD	.42356	.77503	.17814	1.6163	.83529	.35367	.25725

#1	.23518	1.7934	.46048	.07074	2.6659	.31132	.17888
#2	.23455	1.7779	.46173	.07301	2.6217	.31291	.17831
#3	.23323	1.8057	.46019	.07146	2.6451	.31079	.17797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7013	.39559	F .24473	F -.01863	F .78153	.60036	.18620
Stddev	.0411	.00045	.00605	.00334	.00371	.00314	.00216
%RSD	.47282	.11269	2.4733	17.938	.47529	.52329	1.1581

#1	8.7233	.39592	.23778	-.02179	.78462	.60392	.18661
#2	8.6538	.39508	.24880	-.01514	.77741	.59796	.18386
#3	8.7268	.39576	.24762	-.01895	.78255	.59920	.18812

Sample Name: PB117350BS Acquired: 2/25/2019 16:43:37 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20270	F 5.055	.19702	F 3.1824	F 10.564
Stddev	.00079	.004	.00036	.0769	.039
%RSD	.38869	.0853	.18374	2.4174	.36598
#1	.20211	5.054	.19711	3.2367	10.539
#2	.20359	5.060	.19733	3.2161	10.608
#3	.20239	5.051	.19662	3.0943	10.544
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.0	30198.	3586.6	16.233	2560.4
Stddev	2.8	141.	10.9	.553	1.5
%RSD	.11546	.46694	.30333	3.4036	.05745
#1	2410.8	30036.	3574.2	16.850	2562.1
#2	2407.8	30261.	3591.0	16.067	2559.7
#3	2405.2	30296.	3594.5	15.783	2559.5

Sample Name: PB117311BS Acquired: 2/25/2019 16:47:44 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75122	1.8518	.90034	1.8840	.81949	2.1448	F .15395
Stddev	.00257	.0103	.00756	.0023	.00485	.0151	.00081
%RSD	.34220	.55642	.84004	.12346	.59187	.70306	.52351

#1	.75239	1.8409	.89182	1.8847	.81400	2.1576	.15305
#2	.74827	1.8531	.90627	1.8814	.82320	2.1281	.15420
#3	.75299	1.8614	.90293	1.8859	.82127	2.1486	.15460

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21281	.17784	.92433	.44864	.19037	.29290	2.8861
Stddev	.00089	.00082	.01667	.00278	.00079	.00153	.0147
%RSD	.41703	.46034	1.8036	.62015	.41454	.52381	.50899

#1	.21382	.17692	.90585	.45038	.18947	.29119	2.8693
#2	.21213	.17846	.93823	.44543	.19093	.29336	2.8967
#3	.21249	.17815	.92893	.45012	.19072	.29415	2.8922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .23184	F 1.6712	.44848	.07228	F 2.5240	.31017	.17567
Stddev	.00068	.0609	.00263	.00045	.0155	.00176	.00099
%RSD	.29417	3.6430	.58739	.62583	.61511	.56849	.56093

#1	.23262	1.6162	.44546	.07204	2.5101	.31210	.17464
#2	.23133	1.6608	.44963	.07200	2.5408	.30977	.17576
#3	.23159	1.7366	.45034	.07281	2.5211	.30865	.17660

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8.4032	.38343	F .24842	F -.03383	F .75950	F .58306	.17790
Stddev	.0410	.00101	.00654	.01087	.00875	.00349	.00101
%RSD	.48731	.26343	2.6321	32.138	1.1524	.59780	.56968

#1	8.3682	.38256	.24560	-.03094	.75002	.58084	.17742
#2	8.4482	.38319	.24377	-.02470	.76727	.58127	.17722
#3	8.3930	.38454	.25589	-.04586	.76121	.58708	.17907

Sample Name: PB117311BS Acquired: 2/25/2019 16:47:44 Type: Unk
 Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19231	F 4.968	.18963	F 3.2133	F 10.901
Stddev	.00110	.032	.00042	.1707	.678
%RSD	.57096	.6506	.22288	5.3121	6.2236
#1	.19281	4.936	.18918	3.3818	10.824
#2	.19307	4.966	.18970	3.0405	10.264
#3	.19105	5.000	.19002	3.2175	11.614
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.0	30372.	3681.9	16.517	2620.3
Stddev	5.3	180.	18.2	.781	6.8
%RSD	.21617	.59327	.49531	4.7257	.25763
#1	2471.6	30190.	3702.0	17.358	2628.1
#2	2460.9	30550.	3666.5	16.375	2616.0
#3	2465.5	30377.	3677.0	15.817	2616.8

Sample Name: PB117351BS Acquired: 2/25/2019 16:51:51 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76727	1.8872	.92098	1.9247	.83912	2.2182	.16171
Stddev	.00356	.0028	.00118	.0077	.00283	.0340	.00810
%RSD	.46345	.14613	.12813	.40011	.33749	1.5303	5.0111
#1	.77137	1.8903	.92140	1.9329	.84237	2.2495	.17104
#2	.76533	1.8850	.91965	1.9177	.83779	2.2229	.15765
#3	.76510	1.8864	.92189	1.9234	.83720	2.1821	.15643
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21889	.18208	.95817	.46074	.19429	.29909	2.9822
Stddev	.00091	.00026	.03262	.00245	.00053	.00074	.0487
%RSD	.41514	.14289	3.4049	.53094	.27118	.24589	1.6329
#1	.21818	.18192	.99568	.46239	.19456	.29990	3.0329
#2	.21857	.18195	.93640	.46190	.19369	.29846	2.9358
#3	.21991	.18238	.94243	.45793	.19463	.29892	2.9780
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23792	1.7990	.45920	.07285	2.6206	.31474	.18026
Stddev	.00044	.0792	.00113	.00045	.0939	.00097	.00048
%RSD	.18452	4.4009	.24514	.61870	3.5814	.30735	.26563
#1	.23800	1.8553	.46048	.07283	2.7251	.31407	.18024
#2	.23745	1.8333	.45879	.07241	2.5433	.31431	.18075
#3	.23831	1.7085	.45835	.07331	2.5934	.31585	.17979
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6732	.39096	.25542	F -.02867	.78084	.59774	.18454
Stddev	.1697	.00033	.00932	.01105	.02181	.00047	.00339
%RSD	1.9563	.08350	3.6498	38.537	2.7932	.07802	1.8392
#1	8.8691	.39122	.26393	-.02758	.80415	.59735	.18773
#2	8.5773	.39106	.25687	-.04022	.76093	.59761	.18097
#3	8.5731	.39059	.24545	-.01821	.77745	.59825	.18492

Sample Name: PB117351BS Acquired: 2/25/2019 16:51:51 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19814	5.068	.19597	F 3.6273	F 10.687
Stddev	.00447	.002	.00529	.1072	.340
%RSD	2.2576	.0311	2.7017	2.9564	3.1788

#1	.20325	5.067	.20202	3.5094	11.014
#2	.19493	5.070	.19219	3.7191	10.713
#3	.19623	5.068	.19371	3.6534	10.336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.5	29650.	3576.7	16.389	2571.0
Stddev	12.4	41.	50.7	2.071	8.7
%RSD	.51079	.13821	1.4187	12.638	.33702

#1	2405.3	29647.	3519.8	17.925	2561.3
#2	2428.1	29611.	3617.4	17.208	2577.9
#3	2425.0	29693.	3592.9	14.033	2573.9

Sample Name: CCV04 Acquired: 2/25/2019 17:13:12 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9386	4.8707	4.8434	4.8817	5.0645	10.907	9.1490	.27422
Stddev	.0098	.0152	.0157	.0043	.0020	.070	.0290	.00173
%RSD	.19925	.31237	.32347	.08760	.04010	.64476	.31716	.63013
#1	4.9437	4.8532	4.8260	4.8801	5.0634	10.853	9.1803	.27519
#2	4.9449	4.8804	4.8564	4.8866	5.0632	10.883	9.1231	.27223
#3	4.9273	4.8786	4.8479	4.8785	5.0668	10.987	9.1437	.27525
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4242	26.272	1.0891	2.5078	1.1863	4.6485	2.7318	22.877
Stddev	.0052	.083	.0055	.0063	.0011	.0137	.0100	.070
%RSD	.21346	.31539	.50410	.25110	.09175	.29384	.36470	.30572
#1	2.4190	26.343	1.0863	2.5005	1.1852	4.6639	2.7287	22.803
#2	2.4293	26.181	1.0856	2.5110	1.1864	4.6440	2.7237	22.942
#3	2.4243	26.292	1.0954	2.5118	1.1874	4.6377	2.7429	22.886
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3393	1.2687	22.713	2.5499	2.3611	22.709	4.6035	F 4.2270
Stddev	.0062	.0044	.079	.0095	.0062	.179	.0084	.0325
%RSD	.26376	.34750	.34930	.37169	.26432	.78943	.18258	.76943
#1	2.3326	1.2673	22.775	2.5479	2.3539	22.812	4.5998	4.2539
#2	2.3448	1.2652	22.624	2.5416	2.3654	22.502	4.5976	4.2364
#3	2.3405	1.2737	22.740	2.5602	2.3639	22.812	4.6131	4.1908
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5274	F 4.0856	F 4.4522	F 4.4914	4.5227	4.699	4.7880	F 4.1402
Stddev	.0131	.0153	.0174	.0070	.0205	.004	.0145	.0651
%RSD	.28925	.37520	.38979	.15611	.45268	.0962	.30353	1.5717
#1	4.5366	4.1032	4.4322	4.4866	4.5385	4.702	4.7981	4.1836
#2	4.5125	4.0750	4.4623	4.4995	4.4996	4.701	4.7713	4.1717
#3	4.5333	4.0787	4.4621	4.4883	4.5299	4.694	4.7945	4.0654

Sample Name: CCV04 Acquired: 2/25/2019 17:13:12 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5348
Stddev .4926
%RSD 32.095

#1 2.0679
#2 1.0965
#3 1.4402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.3	28690.	3650.0	16.763	2359.6
Stddev	2.4	99.	14.9	1.048	3.4
%RSD	.09984	.34592	.40806	6.2529	.14446

#1	2422.4	28728.	3633.4	16.916	2363.4
#2	2423.0	28765.	3654.1	17.726	2356.9
#3	2418.5	28578.	3662.3	15.647	2358.5

Sample Name: CCB04 Acquired: 2/25/2019 17:17:10 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00002	.00095	.00428	.00151	-.01288	-.02244
Stddev	.00131	.00127	.00087	.00169	.00092	.00738	.00205
%RSD	140.15	6510.5	91.435	39.421	60.845	57.300	9.1261

#1	-.00018	.00088	.00193	.00336	.00246	-.01809	-.02466
#2	-.00018	-.00148	.00070	.00623	.00144	-.00443	-.02206
#3	-.00245	.00054	.00024	.00325	.00062	-.01611	-.02062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00010	-.02188	-.00006	-.00015	-.00072	-.00240
Stddev	.00002	.00004	.00476	.00027	.00019	.00035	.00157
%RSD	283.44	41.794	21.772	469.28	129.36	48.827	65.466

#1	-.00003	.00010	-.01673	.00025	.00003	-.00107	-.00122
#2	.00002	.00014	-.02614	-.00018	-.00013	-.00036	-.00418
#3	-.00002	.00006	-.02277	-.00025	-.00035	-.00074	-.00179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01565	.00066	-.00001	-.06839	.00001	.00029
Stddev	.00005	.01359	.00034	.00030	.00869	.00049	.00003
%RSD	75.163	86.836	51.840	2443.9	12.702	4561.4	10.167

#1	-.00001	.03081	.00040	-.00019	-.07499	.00052	.00031
#2	-.00010	.01156	.00054	-.00018	-.05855	-.00003	.00030
#3	-.00010	.00457	.00105	.00034	-.07163	-.00046	.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56508	.00024	.00104	F -.01663	-.00217	-.00039	-.00110
Stddev	.01983	.00026	.00219	.00839	.00081	.00019	.00093
%RSD	3.5091	110.88	210.92	50.448	37.366	49.420	84.606

#1	.55208	-.00006	-.00111	-.02589	-.00158	-.00051	-.00156
#2	.55526	.00043	.00096	-.00954	-.00184	-.00050	-.00003
#3	.58790	.00034	.00327	-.01445	-.00310	-.00017	-.00170

Sample Name: CCB04 Acquired: 2/25/2019 17:17:10 Type: Unk
Method: P4-ICP2(v2887) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00263	-0.0014	.00015	2.7881	<.00000
Stddev	.00094	.0005	.00005	.0442	.78594
%RSD	35.782	36.89	29.981	1.5867	41.518
#1	-0.00323	-0.0010	.00014	2.8072	-.98626
#2	-0.00312	-0.0019	.00012	2.8195	-2.3790
#3	-0.00155	-0.0011	.00020	2.7375	-2.3138
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.5	30086.	3684.4	16.578	2683.9
Stddev	3.0	70.	34.7	.904	3.7
%RSD	.12182	.23200	.94196	5.4504	.13742
#1	2505.0	30161.	3678.5	17.617	2685.9
#2	2500.0	30022.	3653.0	16.142	2679.6
#3	2505.6	30076.	3721.7	15.975	2686.1