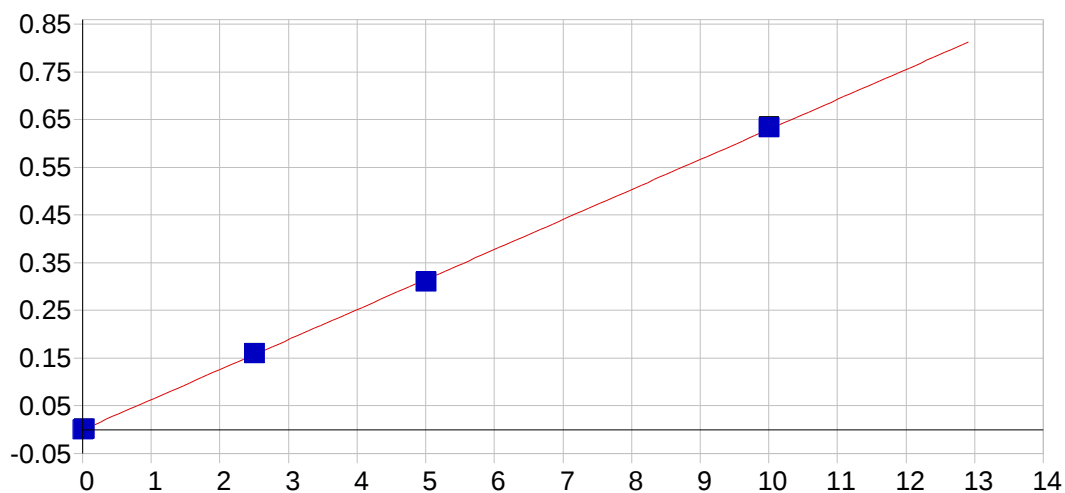


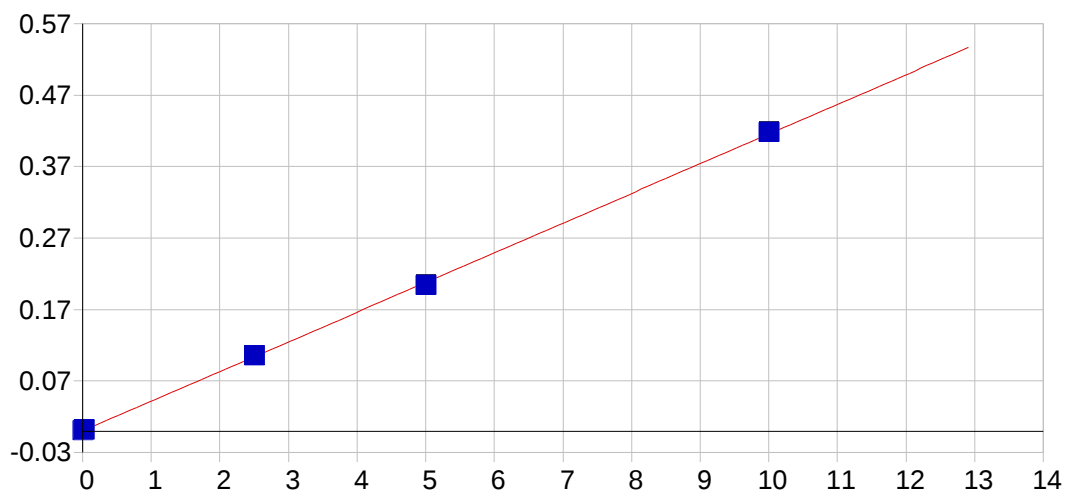


As 189.042 {478}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.062957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002411
 Predicted MQL: 0.008037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.02000	.01737	-.003	-13.2	.00110	.000	1
S3	2.5000	2.5327	.033	1.31	.15945	.001	1
S4	5.0000	4.9098	-.090	-1.80	.30909	.001	1
S5	10.000	10.060	.060	.602	.63332	.001	1



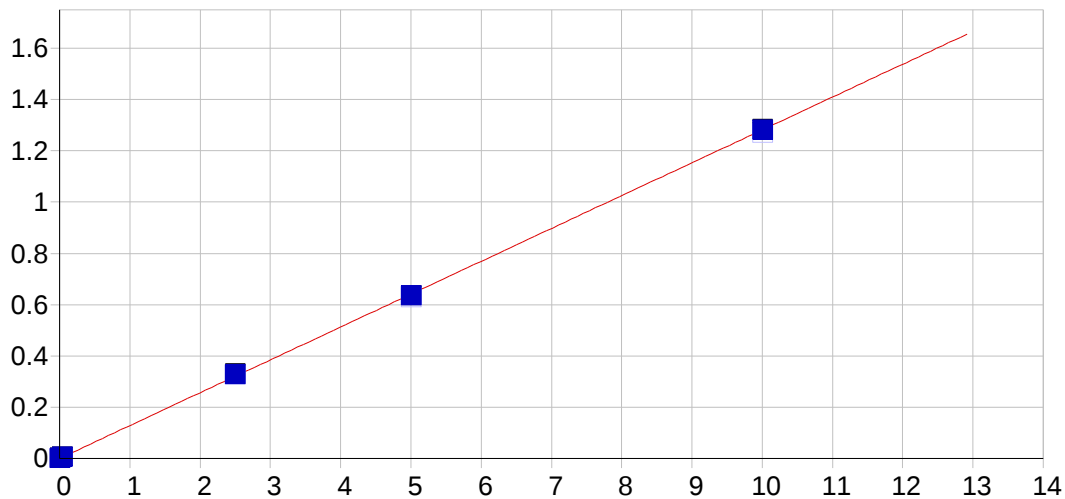
As 189.042 {479}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000

A1 (Gain): 0.041551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002338
 Predicted MQL: 0.007792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.02000	.02177	.002	8.83	.00091	.000	1
S3	2.5000	2.5230	.023	.921	.10484	.000	1
S4	5.0000	4.9111	-.089	-1.78	.20407	.000	1
S5	10.000	10.064	.064	.641	.41819	.000	1

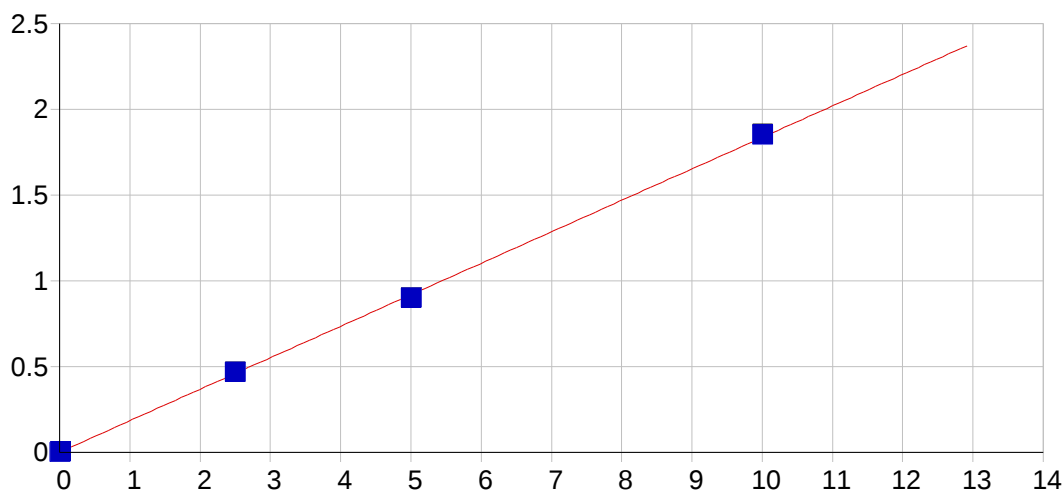


TI 190.856 {477}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.128136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.000980
 Predicted MQL: 0.003268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.04000	.04258	.003	6.44	.00553	.000	1
S3	2.5000	2.5583	.058	2.33	.32473	.001	1
S4	5.0000	4.9394	-.061	-1.21	.62655	.002	1
S5	10.000	9.9998	-.000	-.002	1.2684	.001	1

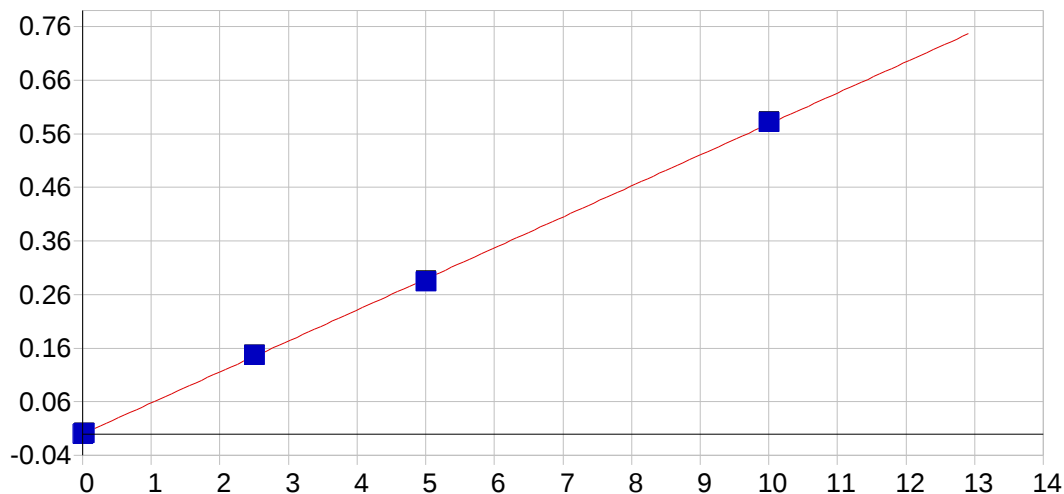


Pb 220.353 (453)

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001441 Re-Slope: 1.000000
 A1 (Gain): 0.183507 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.000986
 Predicted MQL: 0.003286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00144	.000	1
S1	.01200	.01300	.001	8.36	.00378	.000	1
S3	2.5000	2.5289	.029	1.16	.46485	.001	1
S4	5.0000	4.8961	-.104	-2.08	.89858	.001	1
S5	10.000	10.074	.074	.739	1.8474	.005	1



Se 196.090 (472)

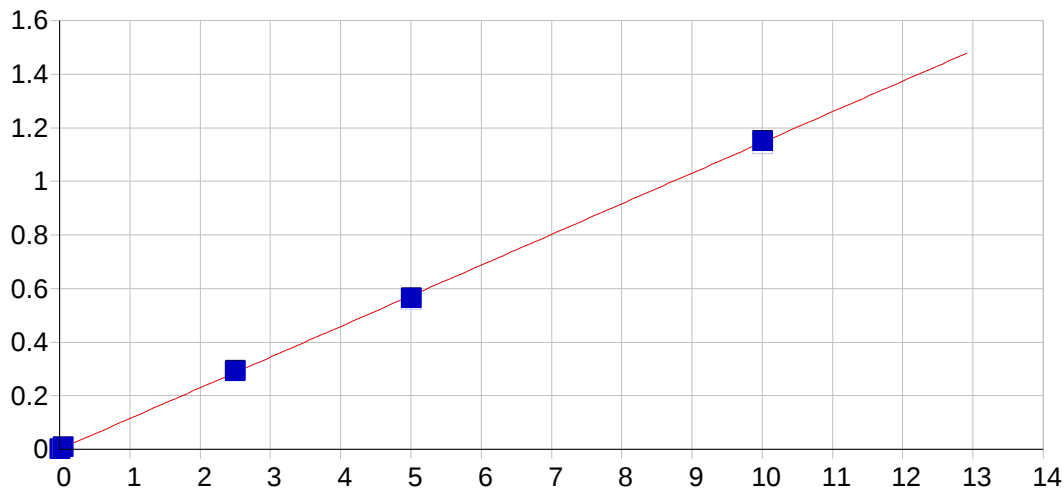
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.057840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000015
 Predicted MDL: 0.002507
 Predicted MQL: 0.008357

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.02000	.02012	.000	.605	.00101	.000	1
S3	2.5000	2.5296	.030	1.18	.14612	.000	1
S4	5.0000	4.9167	-.083	-1.67	.28416	.001	1
S5	10.000	10.054	.054	.536	.58121	.001	1



Sb 206.833 {463}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

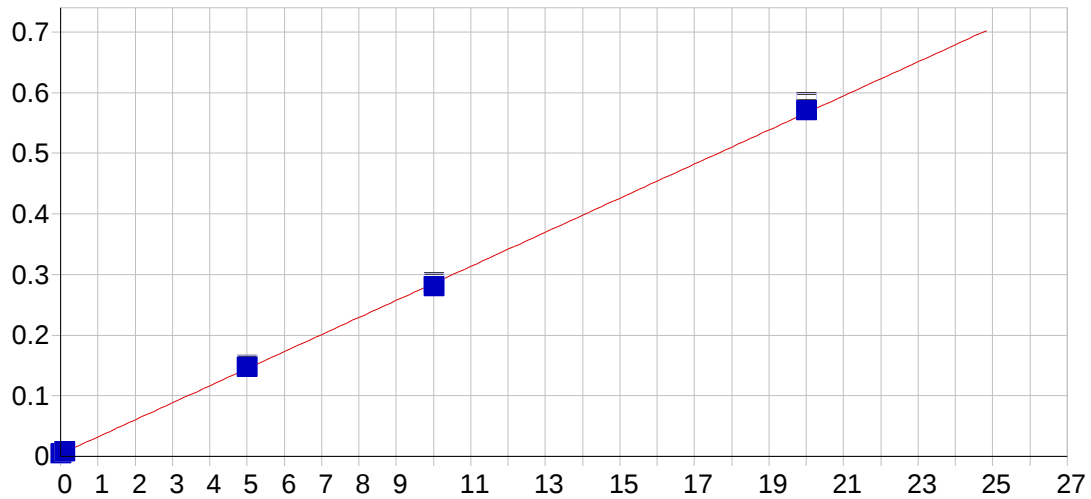
Weighting: 1/Conc

A0 (Offset): 0.000607
 A1 (Gain): 0.114430
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000054
 Predicted MDL: 0.001543
 Predicted MQL: 0.005143

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	.00061	.000	1
S1	.05000	.05096	.001	1.93	.00630	.000	1
S3	2.5000	2.5492	.049	1.97	.28909	.000	1
S4	5.0000	4.9110	-.089	-1.78	.55614	.001	1
S5	10.000	10.039	.039	.388	1.1365	.002	1

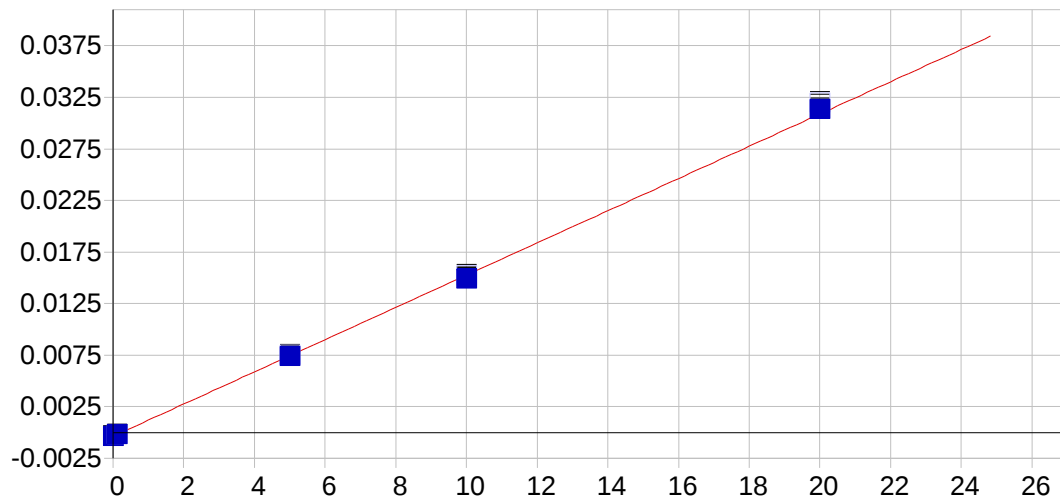


AI 308.215 {109}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004003 Re-Slope: 1.000000
 A1 (Gain): 0.028126 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002849
 Predicted MQL: 0.009497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00400	.000	1
S1	.10000	.10661	.007	6.61	.00720	.000	1
S3	5.0000	5.0691	.069	1.38	.14938	.000	1
S4	10.000	9.7924	-.208	-2.08	.28503	.001	1
S5	20.000	20.132	.132	.658	.58142	.001	1



AI 309.271 {109}

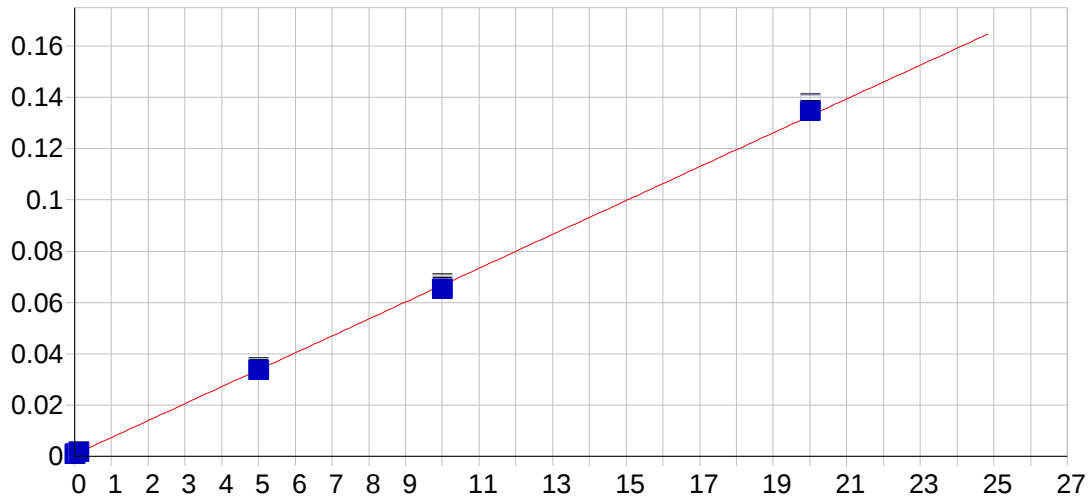
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000369 Re-Slope: 1.000000
 A1 (Gain): 0.001563 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000002
 Predicted MDL: 0.033185
 Predicted MQL: 0.110617

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00037	.000	1
S1	.10000	.10862	.009	8.62	-.00019	.000	1
S3	5.0000	4.9489	-.051	-1.02	.00752	.000	1
S4	10.000	9.7550	-.245	-2.45	.01519	.000	1
S5	20.000	20.287	.287	1.44	.03195	.000	1



AI 396.152 { 85}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

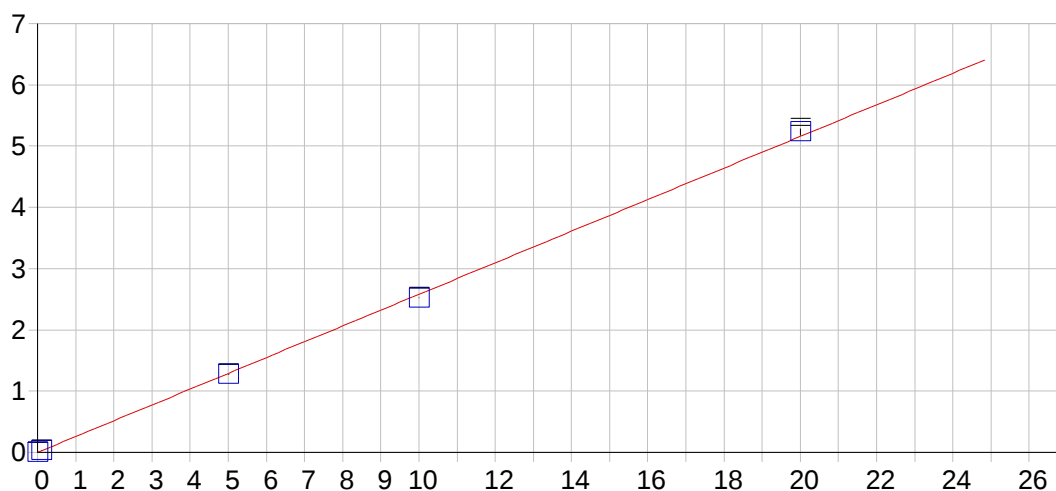
Weighting: 1/Conc

A0 (Offset): 0.000734
 A1 (Gain): 0.006602
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000009
 Predicted MDL: 0.013425
 Predicted MQL: 0.044750

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	.00073	.000	1
S1	.10000	.09973	-.000	-.267	.00144	.000	1
S3	5.0000	4.9736	-.026	-.528	.03423	.000	1
S4	10.000	9.7533	-.247	-2.47	.06644	.001	1
S5	20.000	20.273	.273	1.37	.13721	.000	1

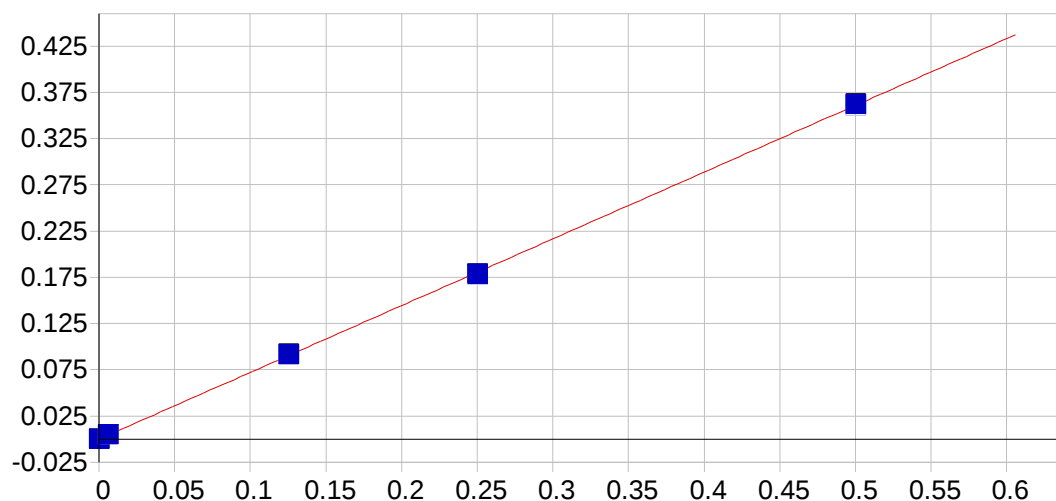


Ba 493.409 { 68}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000910 Re-Slope: 1.000000
 A1 (Gain): 0.257844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000320
 Predicted MDL: 0.000649
 Predicted MQL: 0.002165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00091	.000	1
S1	.10000	.09985	-.000	-.149	.02666	.000	1
S3	5.0000	4.9416	-.058	-1.17	1.2751	.003	1
S5	20.000	20.277	.277	1.38	5.2291	.062	1
S4	10.000	9.7818	-.218	-2.18	2.5231	.009	1



Be 234.861 {144}

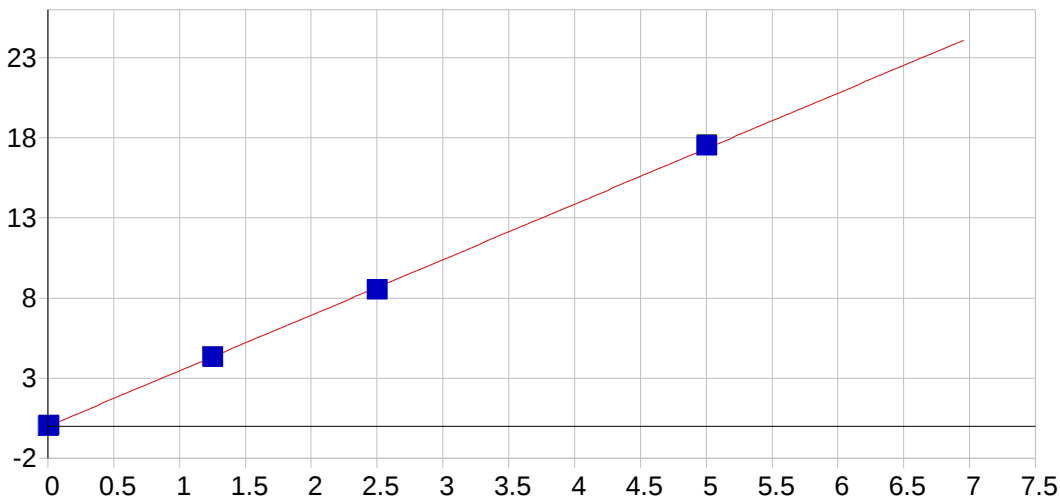
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.721765 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000021
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.00600	.00628	.000	4.68	.00450	.000	1
S3	.12500	.12677	.002	1.42	.09094	.000	1
S4	.25000	.24674	-.003	-1.31	.17696	.000	1
S5	.50000	.50121	.001	.242	.35949	.000	1



Cd 226.502 {449}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

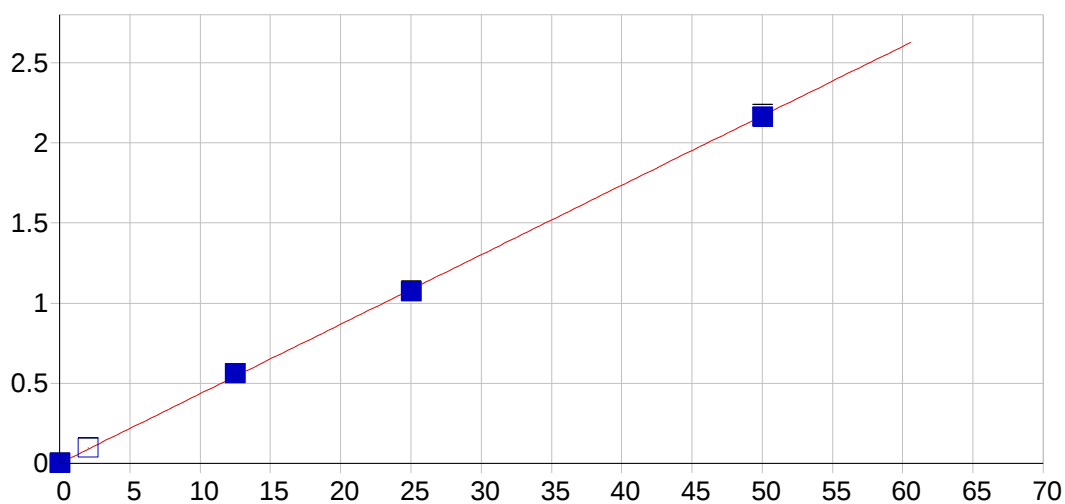
Weighting: 1/Conc

A0 (Offset): -0.000124
 A1 (Gain): 3.465339
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000425
 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	-.00012	.000	1
S1	.00600	.00589	-.000	-1.77	.02034	.000	1
S3	1.2500	1.2490	-.001	-.080	4.3291	.001	1
S4	2.5000	2.4504	-.050	-1.99	8.4932	.003	1
S5	5.0000	5.0507	.051	1.01	17.506	.033	1

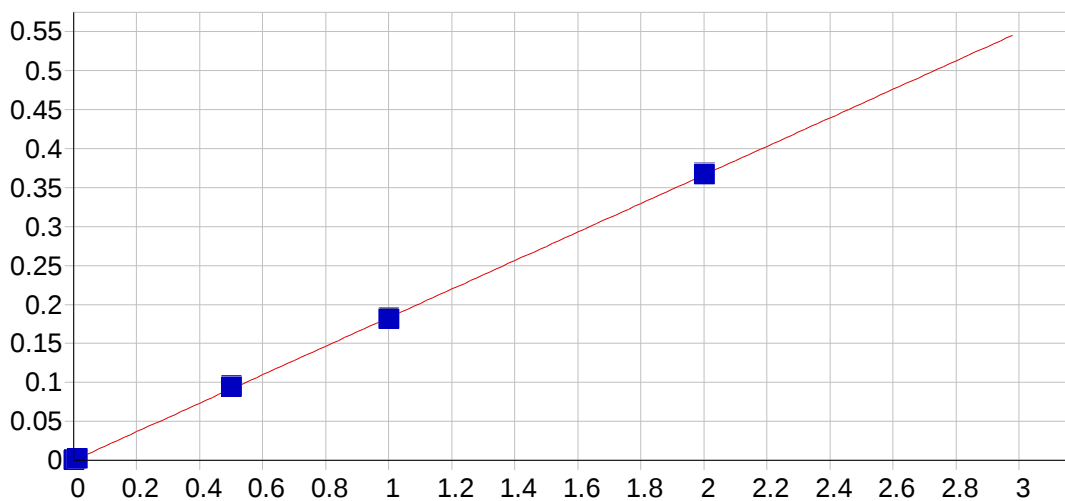


Ca 373.690 { 90}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000825 Re-Slope: 1.000000
 A1 (Gain): 0.043371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000433
 Predicted MDL: 0.016625
 Predicted MQL: 0.055417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1812	.181	9.06	.09542	.000	1
S0	.00000	-.00020	-.000	.000	.00082	.000	1
S3	12.500	12.834	.334	2.67	.55773	.001	1
S4	25.000	24.693	-.307	-1.23	1.0724	.001	1
S5	50.000	49.792	-.208	-.416	2.1615	.015	1



Cr 267.716 {126}

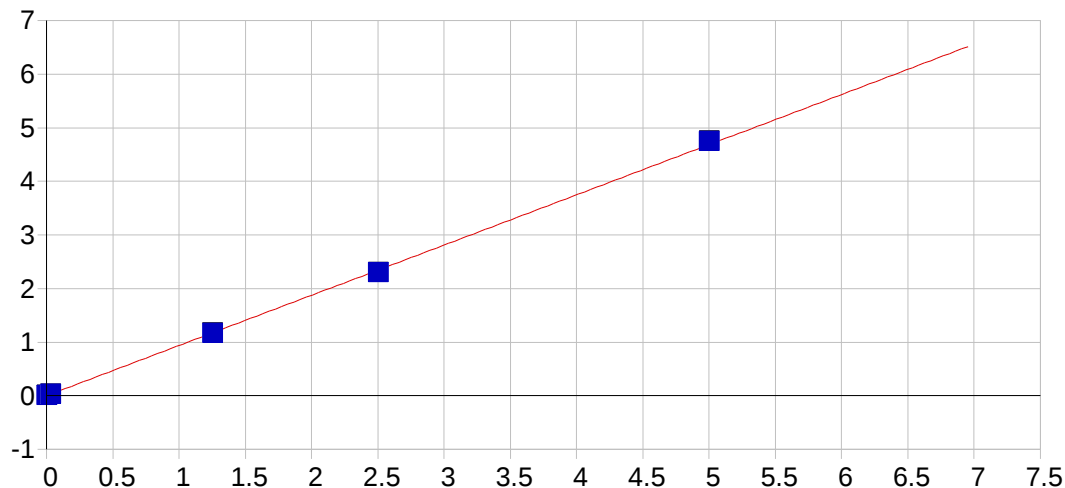
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.183104 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000017
 Predicted MDL: 0.000406
 Predicted MQL: 0.001353

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01029	.000	2.87	.00191	.000	1
S3	.50000	.51345	.013	2.69	.09476	.000	1
S4	1.0000	.98744	-.013	-1.26	.18226	.000	1
S5	2.0000	1.9988	-.001	-.058	.36890	.000	1



Co 228.616 {447}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

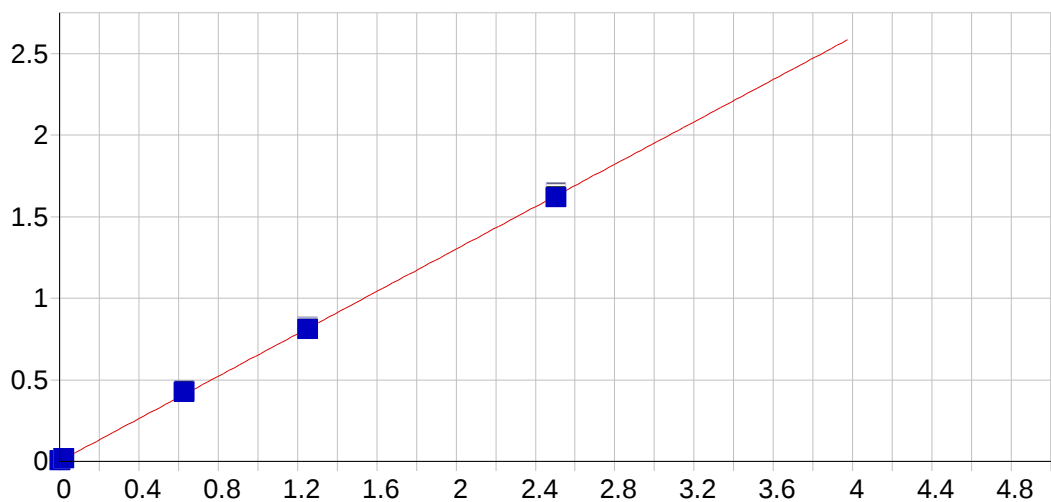
Weighting: 1/Conc

A0 (Offset): -0.000206
 A1 (Gain): 0.936850
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000292
 Predicted MDL: 0.000209
 Predicted MQL: 0.000698

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	-.00020	.000	1
S1	.03000	.02850	-.001	-5.00	.02630	.000	1
S3	1.2500	1.2449	-.005	-.409	1.1670	.000	1
S4	2.5000	2.4467	-.053	-2.13	2.2938	.002	1
S5	5.0000	5.0599	.060	1.20	4.7438	.008	1

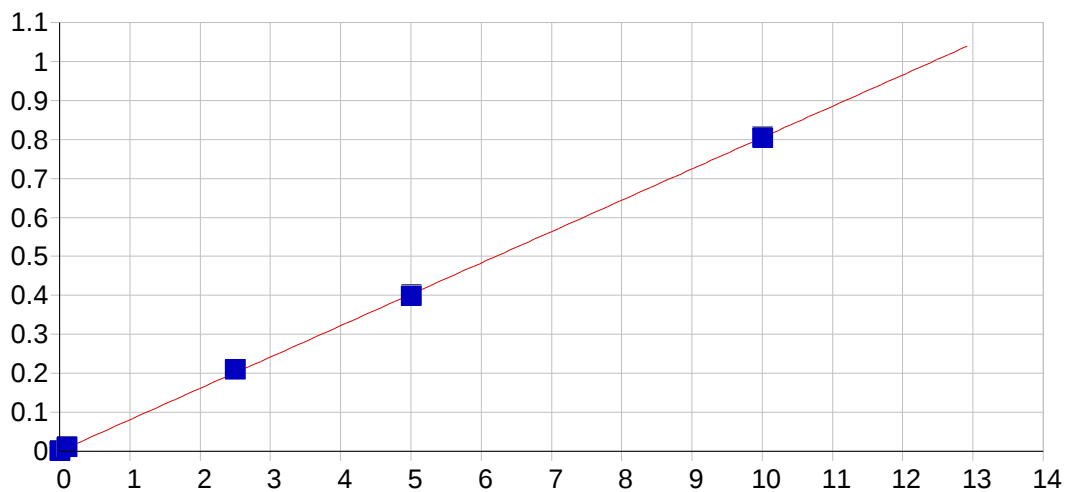


Cu 224.700 {450}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002143 Re-Slope: 1.000000
 A1 (Gain): 0.649639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.000379
 Predicted MQL: 0.001264

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00214	.000	1
S1	.02000	.02216	.002	10.8	.01674	.000	1
S3	.62500	.64817	.023	3.71	.42978	.001	1
S4	1.2500	1.2396	-.010	-.835	.82053	.001	1
S5	2.5000	2.4851	-.015	-.596	1.6428	.002	1



Fe 240.488 {140}

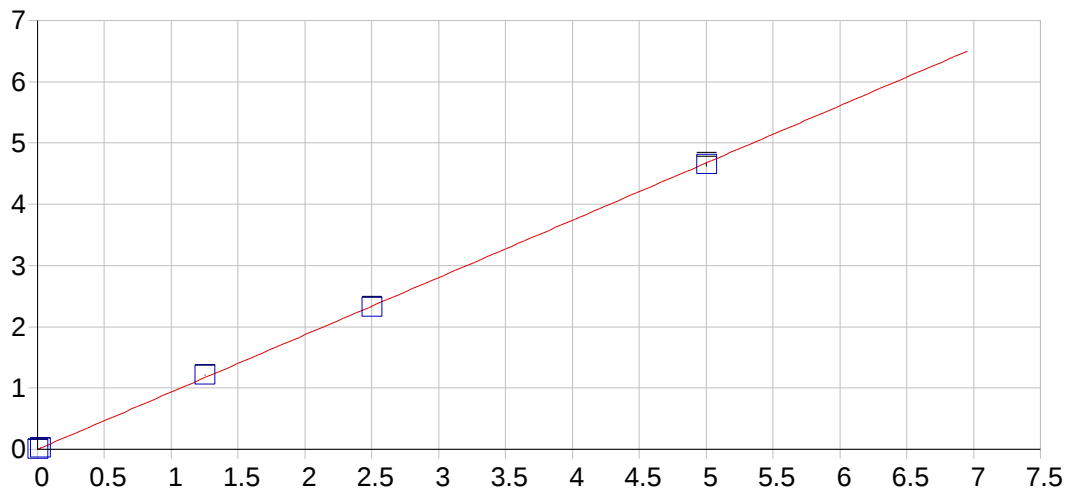
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000678 Re-Slope: 1.000000
 A1 (Gain): 0.080412 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.000064
 Predicted MDL: 0.000721
 Predicted MQL: 0.002402

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00068	.000	1
S1	.10000	.10518	.005	5.18	.00918	.000	1
S3	2.5000	2.5810	.081	3.24	.20897	.000	1
S4	5.0000	4.9367	-.063	-1.27	.39915	.001	1
S5	10.000	9.9772	-.023	-.228	.80596	.000	1



Mn 257.610 {131}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

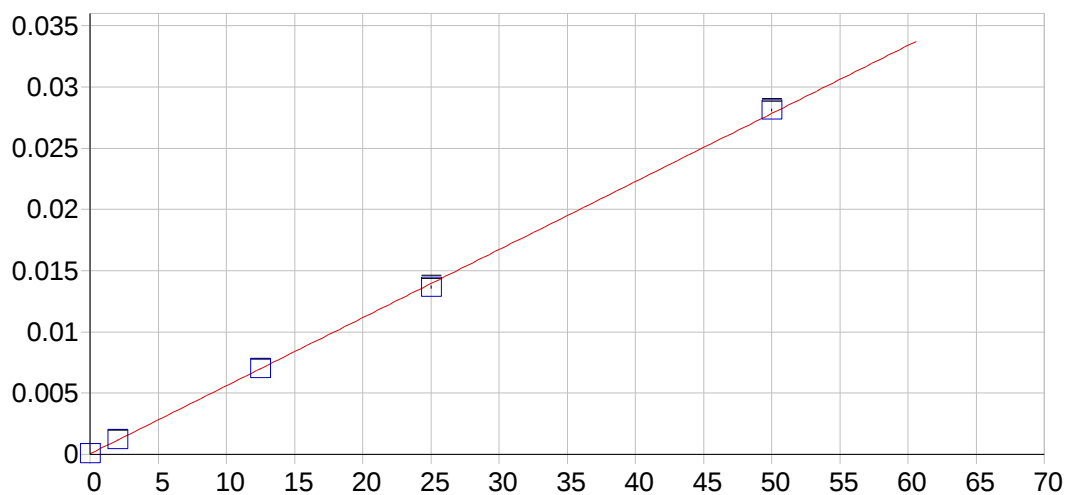
Weighting: 1/Conc

A0 (Offset): 0.000182
 A1 (Gain): 0.934838
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000246
 Predicted MDL: 0.000066
 Predicted MQL: 0.000221

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	.00018	.000	1
S1	.02000	.02189	.002	9.47	.02065	.000	1
S3	1.2500	1.2949	.045	3.59	1.2107	.002	1
S4	2.5000	2.4826	-.017	-.696	2.3210	.005	1
S5	5.0000	4.9706	-.029	-.588	4.6469	.030	1

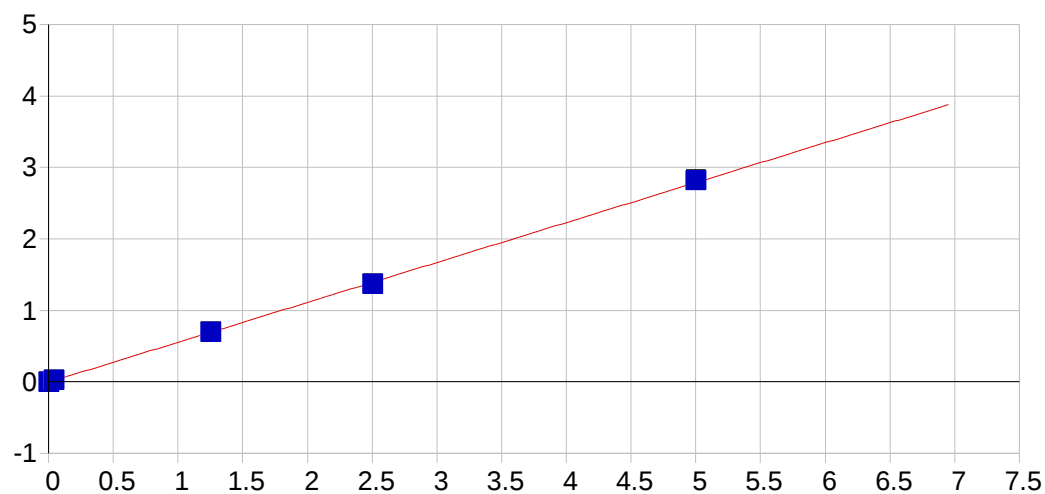


Mg 279.079 {121}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.000556 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.047025
 Predicted MQL: 0.156751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0358	.036	1.79	.00118	.000	1
S0	.00000	-.00001	-.000	.000	.00005	.000	1
S3	12.500	12.486	-.014	-.115	.00698	.000	1
S4	25.000	24.499	-.501	-2.00	.01366	.000	1
S5	50.000	50.480	.480	.959	.02809	.000	1



Ni 231.604 {445}

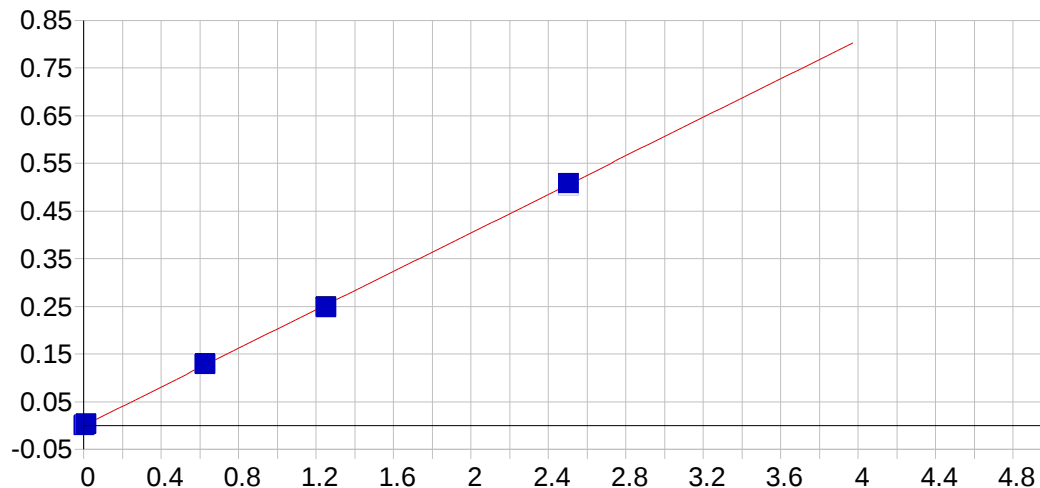
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005574 Re-Slope: 1.000000
 A1 (Gain): 0.558585 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000160
 Predicted MDL: 0.000372
 Predicted MQL: 0.001240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00557	.000	1
S1	.04000	.03973	-.000	-.664	.01663	.000	1
S3	1.2500	1.2525	.003	.201	.69482	.002	1
S4	2.5000	2.4540	-.046	-1.84	1.3667	.002	1
S5	5.0000	5.0437	.044	.875	2.8148	.006	1



Ag 328.068 {103}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

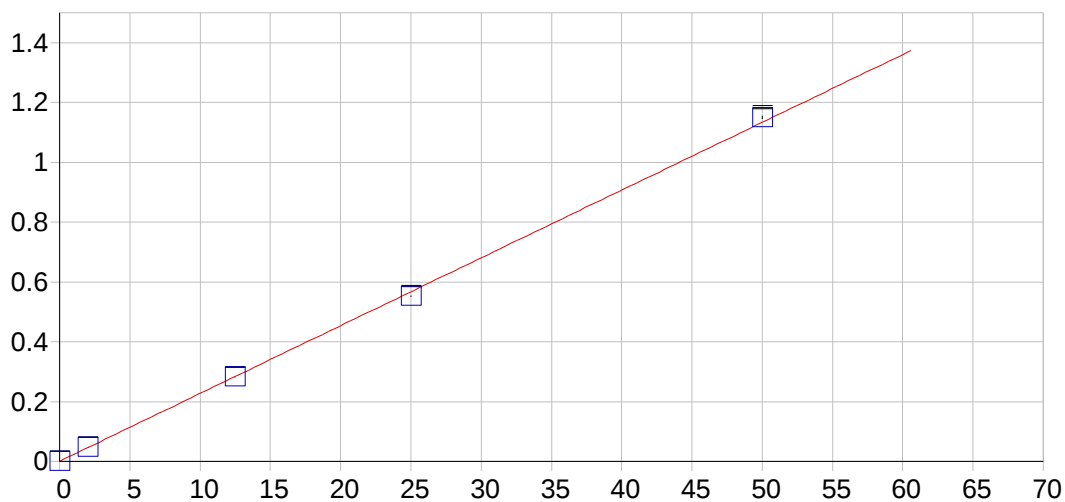
Weighting: 1/Conc

A0 (Offset): 0.000036
 A1 (Gain): 0.202109
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000022
 Predicted MDL: 0.000555
 Predicted MQL: 0.001851

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	.00004	.000	1
S1	.01000	.01090	.001	9.04	.00220	.000	1
S3	.62500	.63589	.011	1.74	.12712	.000	1
S4	1.2500	1.2271	-.023	-1.83	.24519	.000	1
S5	2.5000	2.5111	.011	.443	.50181	.001	1

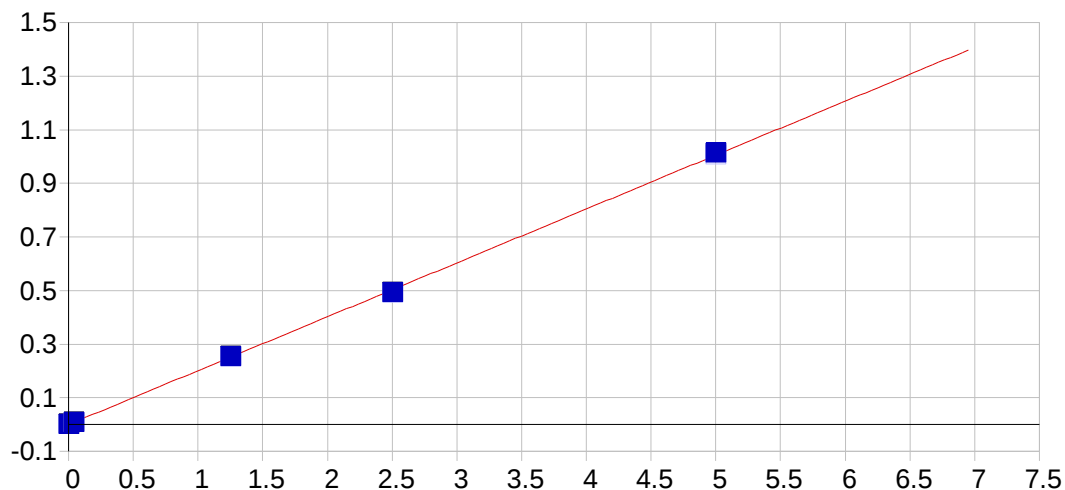


Na 589.592 { 57}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000732 Re-Slope: 1.000000
 A1 (Gain): 0.022658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.009936
 Predicted MQL: 0.033120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0441	.044	2.21	.04705	.001	1
S0	.00000	-.00000	-.000	.000	.00073	.000	1
S3	12.500	12.396	-.104	-.831	.28160	.001	1
S4	25.000	24.345	-.655	-2.62	.55233	.002	1
S5	50.000	50.715	.715	1.43	1.1498	.005	1



V 292.402 {115}

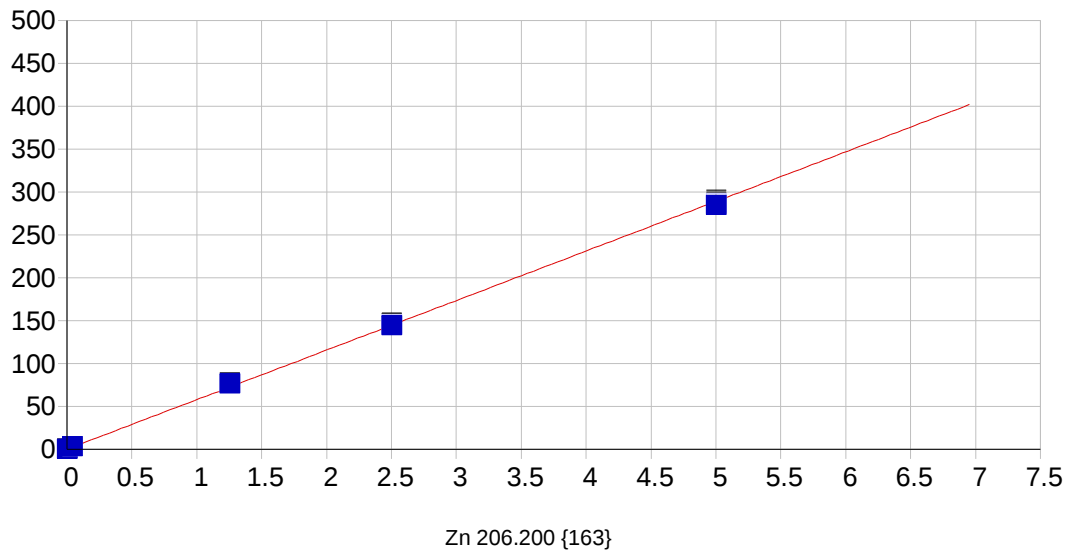
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.201045 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000060
 Predicted MDL: 0.000422
 Predicted MQL: 0.001407

Status: OK.

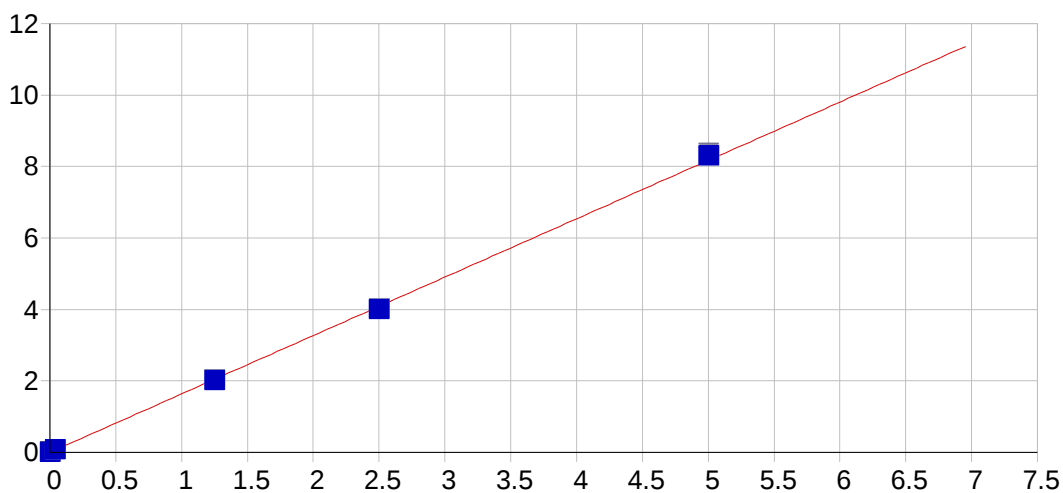
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.04000	.04008	.000	.211	.00785	.000	1
S3	1.2500	1.2626	.013	1.00	.25211	.001	1
S4	2.5000	2.4514	-.049	-1.94	.48948	.000	1
S5	5.0000	5.0359	.036	.719	1.0058	.000	1



Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.118256 Re-Slope: 1.000000
 A1 (Gain): 57.785304 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.040283
 Predicted MDL: 0.000387
 Predicted MQL: 0.001289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.11763	.022	1
S1	.04000	.04934	.009	23.3	2.9845	.077	1
S3	1.2500	1.3202	.070	5.62	76.844	.821	1
S4	2.5000	2.4968	-.003	-.129	145.27	1.84	1
S5	5.0000	4.9237	-.076	-1.53	286.38	3.72	1

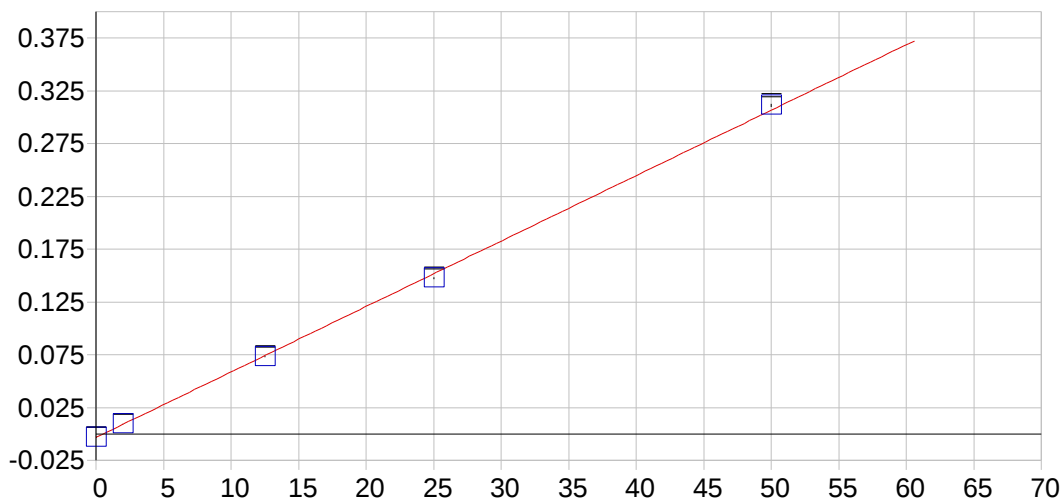


Zn 213.856 {458}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002212 Re-Slope: 1.000000
 A1 (Gain): 1.633726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000786
 Predicted MDL: 0.000091
 Predicted MQL: 0.000303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00221	.000	1
S1	.04000	.04394	.004	9.84	.07445	.000	1
S3	1.2500	1.2298	-.020	-1.61	2.0244	.001	1
S4	2.5000	2.4380	-.062	-2.48	4.0113	.003	1
S5	5.0000	5.0782	.078	1.56	8.3508	.009	1



K 766.490 {44}

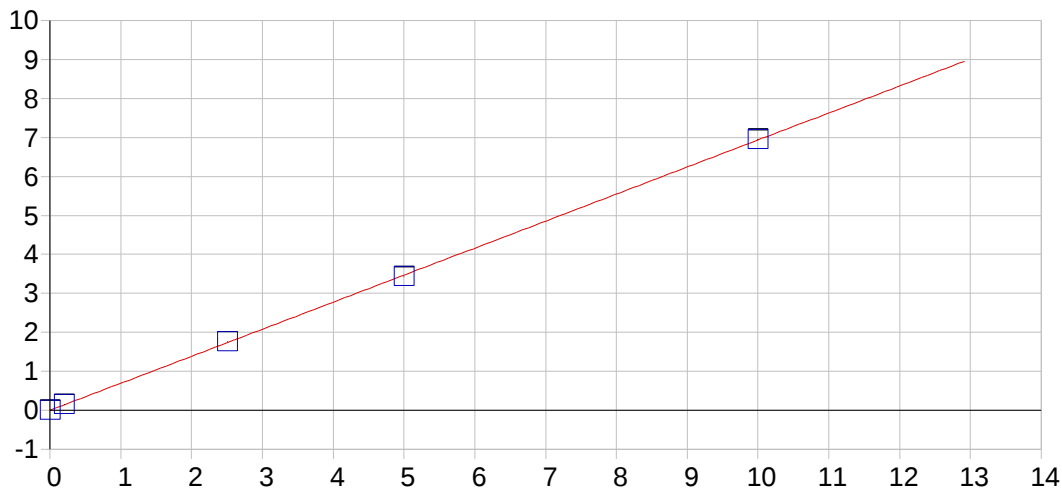
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003338 Re-Slope: 1.000000
 A1 (Gain): 0.006200 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821
 Std Error of Est: 0.000064
 Predicted MDL: 0.041292
 Predicted MQL: 0.137641

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0511	.051	2.55	.00938	.000	1
S0	.00000	-.00001	-.000	.000	-.00334	.000	1
S3	12.500	12.373	-.127	-1.01	.07338	.001	1
S4	25.000	24.326	-.674	-2.70	.14749	.001	1
S5	50.000	50.750	.750	1.50	.31133	.001	1



Mo 202.030 {467}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

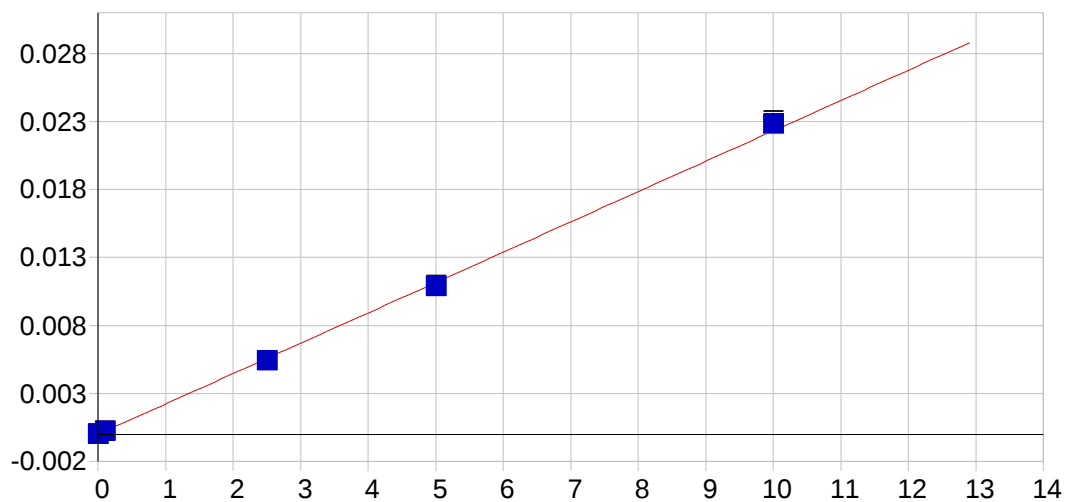
Weighting: 1/Conc

A0 (Offset): 0.000015
 A1 (Gain): 0.693474
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000524
 Predicted MDL: 0.000233
 Predicted MQL: 0.000777

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	.00001	.000	1
S1	.20000	.21004	.010	5.02	.14567	.000	1
S3	2.5000	2.5353	.035	1.41	1.7582	.003	1
S4	5.0000	4.9411	-.059	-1.18	3.4265	.003	1
S5	10.000	10.014	.014	.136	6.9442	.010	1

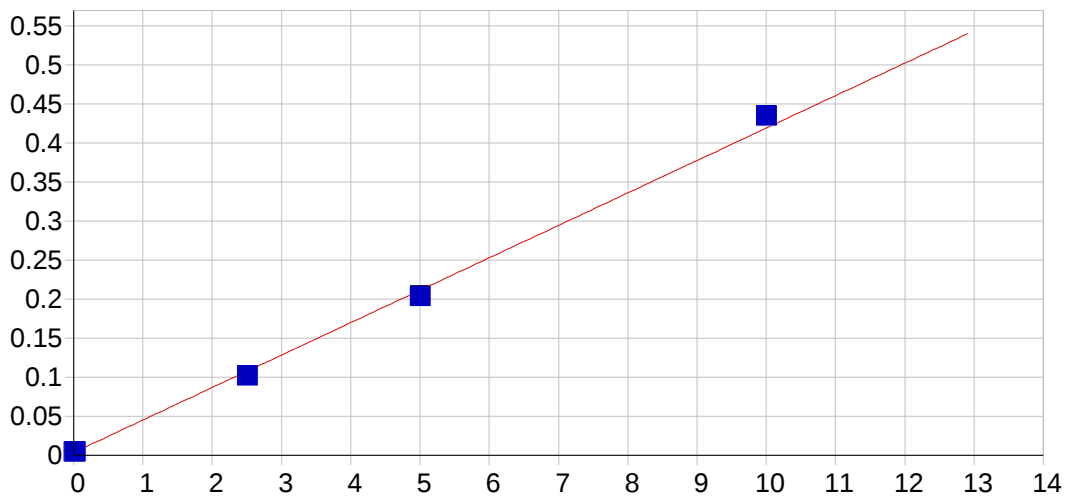


B 249.678 {135}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.002231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.010812
 Predicted MQL: 0.036040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00001	.000	1
S1	.10000	.09720	-.003	-2.80	.00021	.000	1
S3	2.5000	2.4158	-.084	-3.37	.00537	.000	1
S4	5.0000	4.8688	-.131	-2.62	.01083	.000	1
S5	10.000	10.218	.218	2.18	.02274	.000	1



S 182.034 {485}

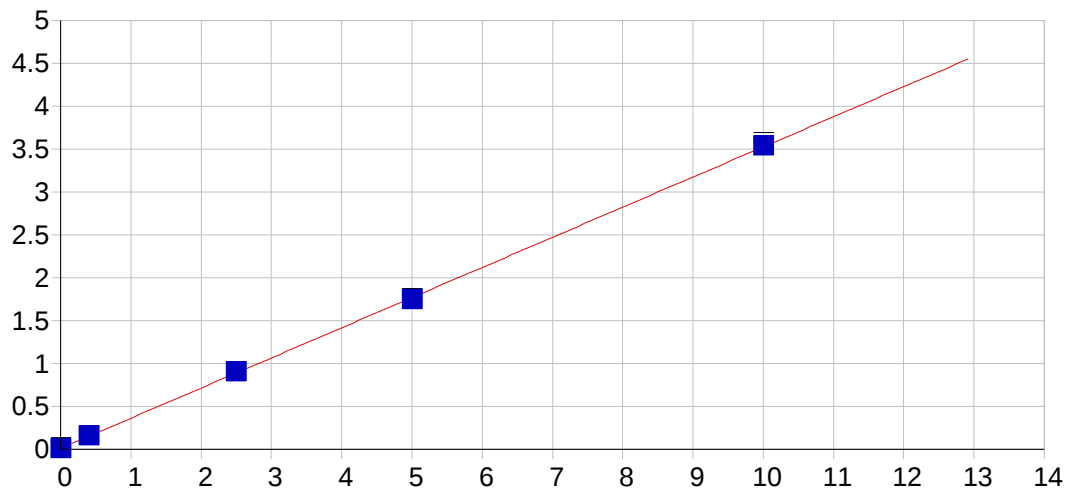
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003708 Re-Slope: 1.000000
 A1 (Gain): 0.041562 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998650
 Std Error of Est: 0.000052
 Predicted MDL: 0.002433
 Predicted MQL: 0.008112

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00371	.000	1
S1	.02000	.00113	-.019	-94.3	.00373	.000	1
S3	2.5000	2.3497	-.150	-6.01	.10125	.000	1
S4	5.0000	4.8077	-.192	-3.85	.20329	.001	1
S5	10.000	10.361	.361	3.61	.43386	.000	1



Si 288.158 {117}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

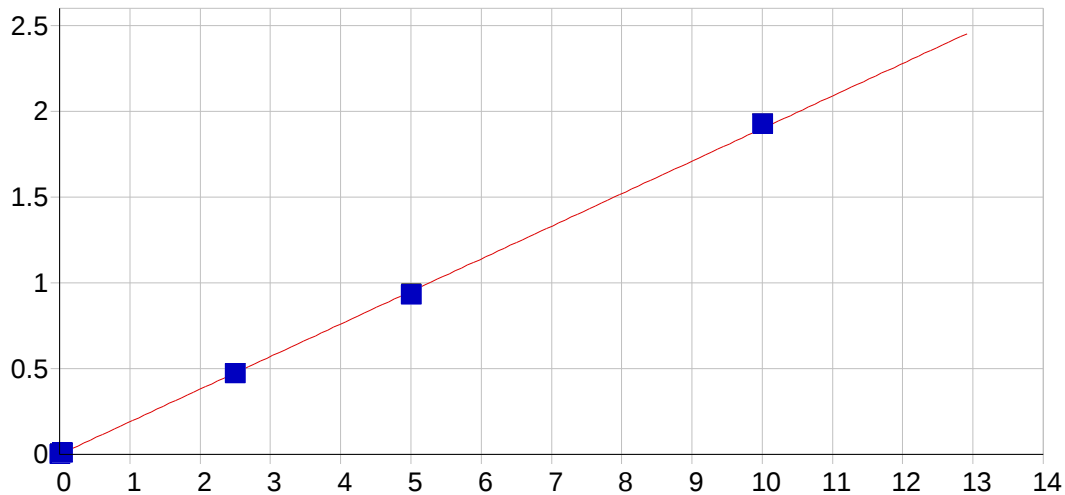
Weighting: 1/Conc

A0 (Offset): 0.011111
 A1 (Gain): 0.351490
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000366
 Predicted MDL: 0.002491
 Predicted MQL: 0.008302

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	.01111	.000	1
S1	.40000	.40424	.004	1.06	.15308	.001	1
S3	2.5000	2.5314	.031	1.26	.90041	.002	1
S4	5.0000	4.9275	-.073	-1.45	1.7421	.011	1
S5	10.000	10.037	.037	.369	3.5371	.035	1

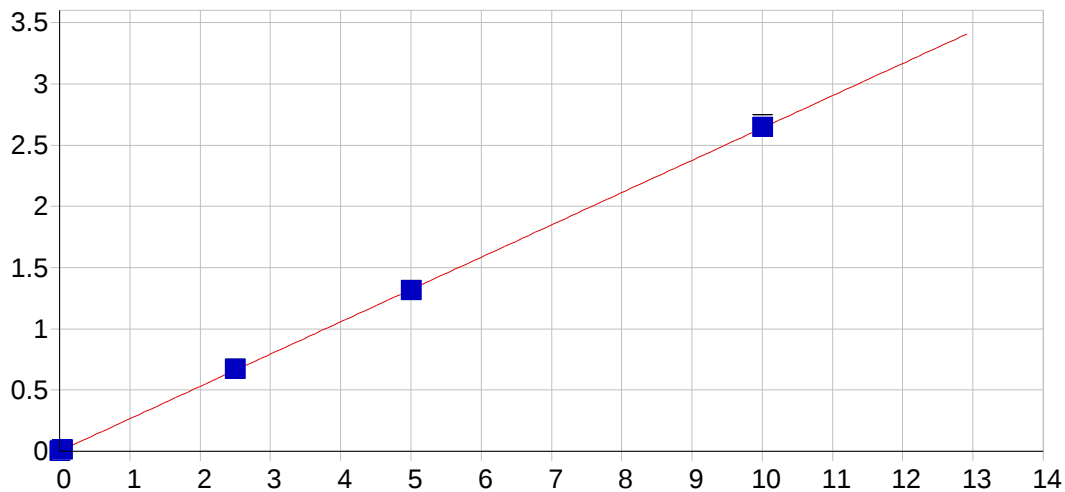


Sn 189.989 {477}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000427 Re-Slope: 1.000000
 A1 (Gain): 0.189870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.000571
 Predicted MQL: 0.001904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.04000	.03756	-.002	-6.11	.00756	.000	1
S3	2.5000	2.4700	-.030	-1.20	.46950	.001	1
S4	5.0000	4.8987	-.101	-2.03	.93070	.001	1
S5	10.000	10.134	.134	1.34	1.9249	.002	1



Ti 336.121 {100}

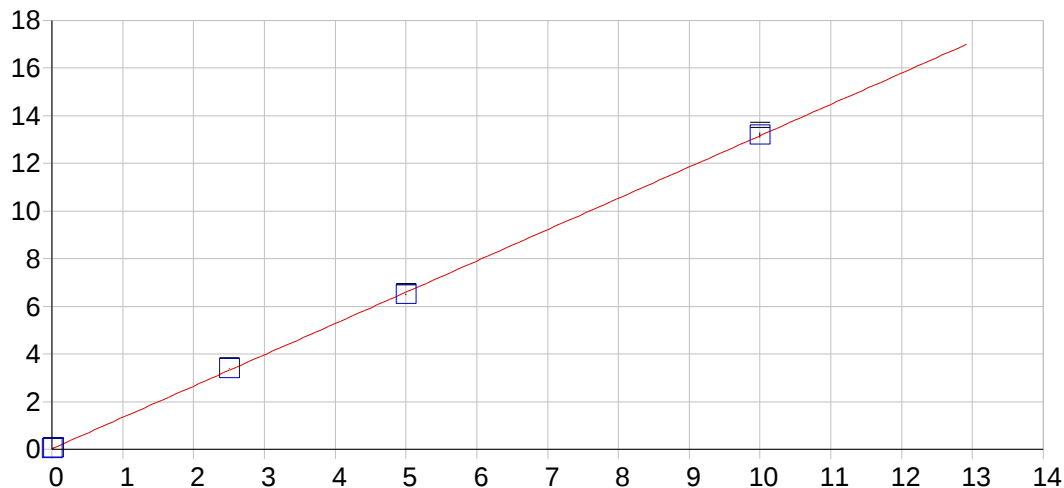
Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002242 Re-Slope: 1.000000
 A1 (Gain): 0.263692 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000057
 Predicted MDL: 0.001971
 Predicted MQL: 0.006571

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00224	.000	1
S1	.04000	.03783	-.002	-5.42	.01221	.000	1
S3	2.5000	2.5210	.021	.842	.66694	.002	1
S4	5.0000	4.9577	-.042	-.846	1.3094	.001	1
S5	10.000	10.023	.023	.234	2.6450	.019	1



Li 670.784 { 50}

Date of Fit: 4/24/2019 16:44:31

Type of Fit: Linear

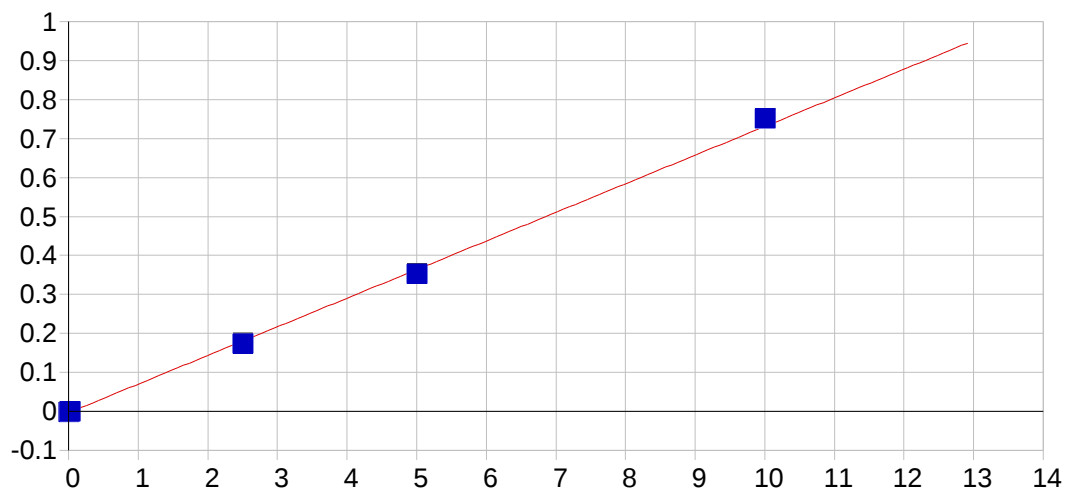
Weighting: 1/Conc

A0 (Offset): 0.024075
 A1 (Gain): 1.314118
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000418
 Predicted MDL: 0.001877
 Predicted MQL: 0.006257

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	.02408	.001	1
S1	.02000	.01892	-.001	-5.40	.04894	.000	1
S3	2.5000	2.5649	.065	2.60	3.3946	.012	1
S4	5.0000	4.9202	-.080	-1.60	6.4899	.026	1
S5	10.000	10.016	.016	.160	13.186	.108	1

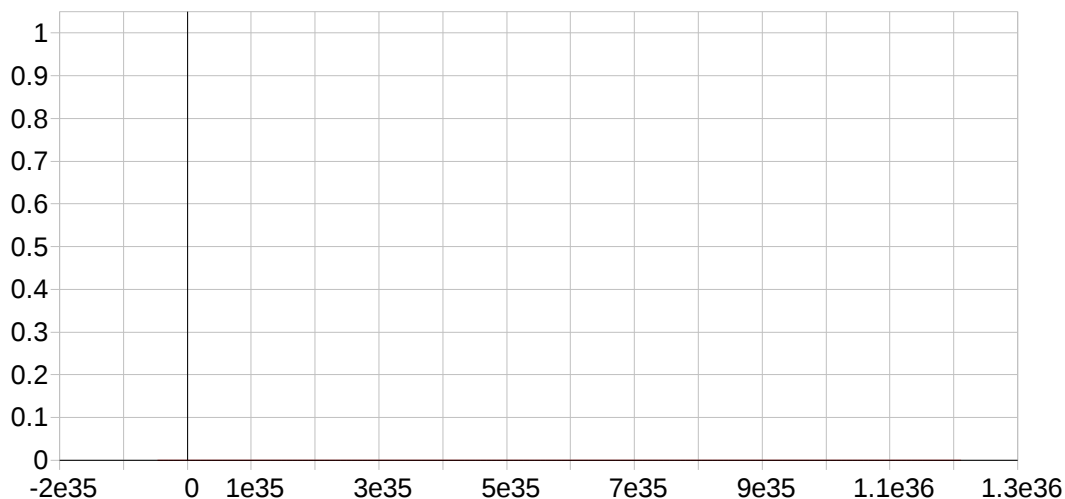


P 177.495 {490}

Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003371 Re-Slope: 1.000000
 A1 (Gain): 0.073430 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999551 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.001456
 Predicted MQL: 0.004852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00337	.000	1
S1	.02000	.01744	-.003	-12.8	-.00210	.000	1
S3	2.5000	2.4061	-.094	-3.76	.17304	.000	1
S4	5.0000	4.8388	-.161	-3.22	.35141	.001	1
S5	10.000	10.258	.258	2.58	.74879	.000	1



Y 224.306 {450}*

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

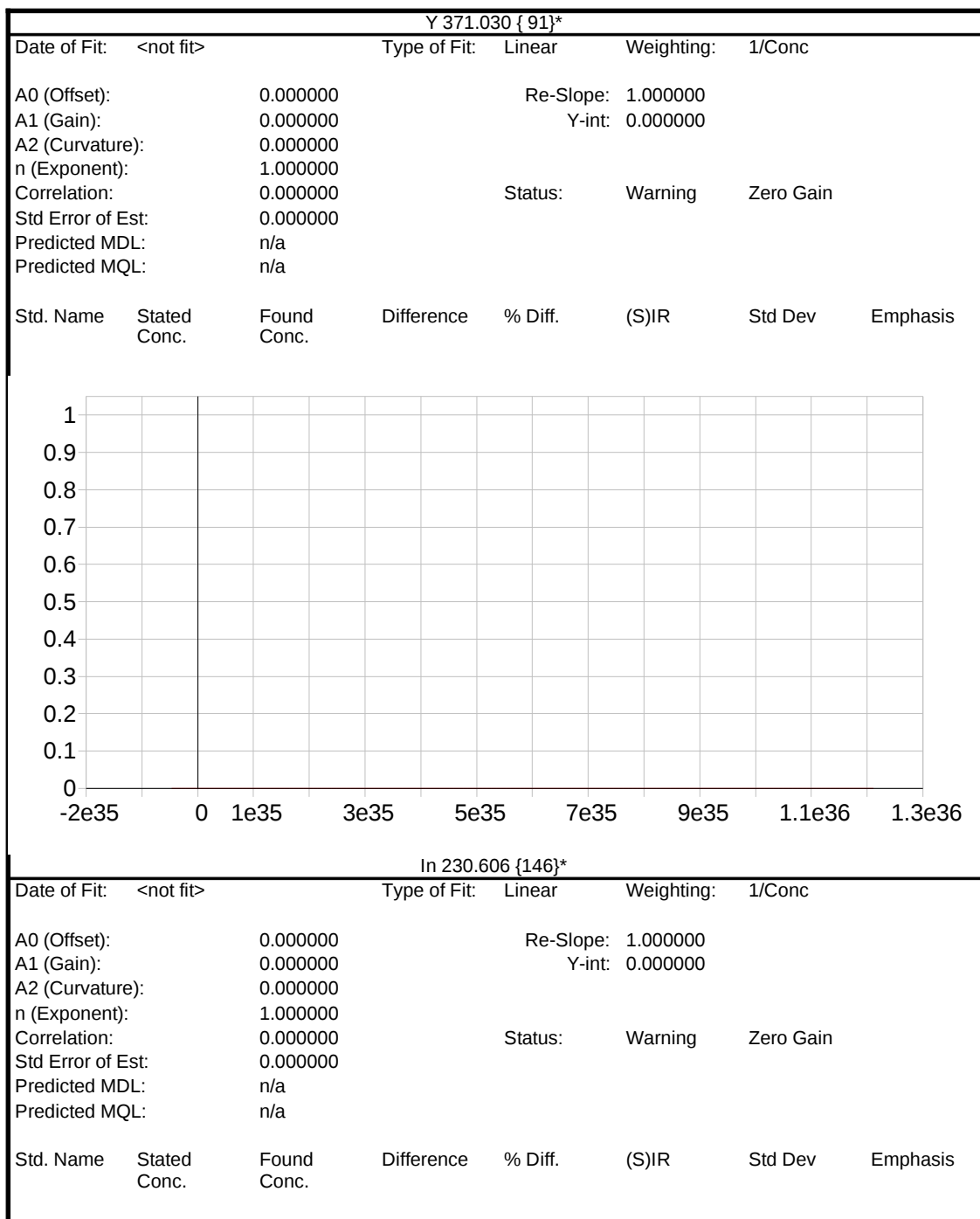
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

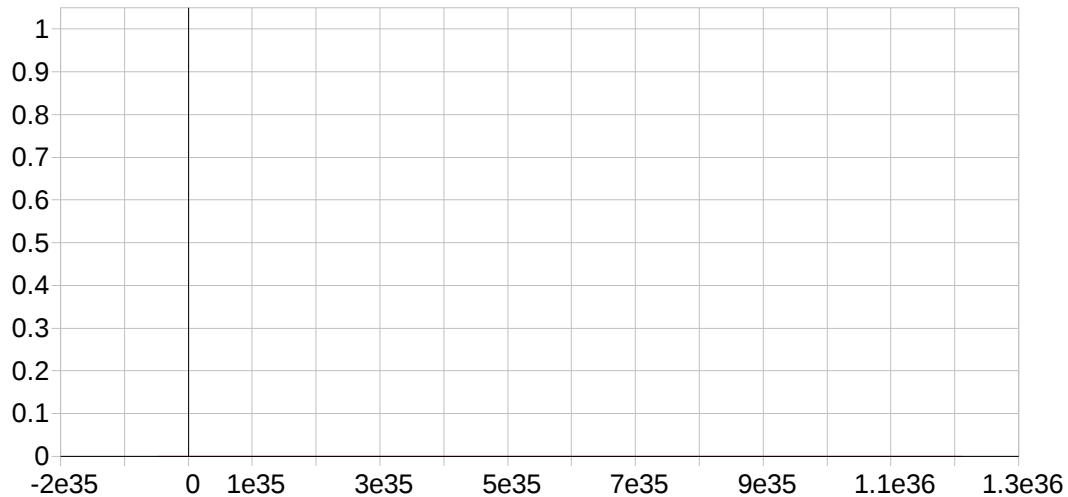
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





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

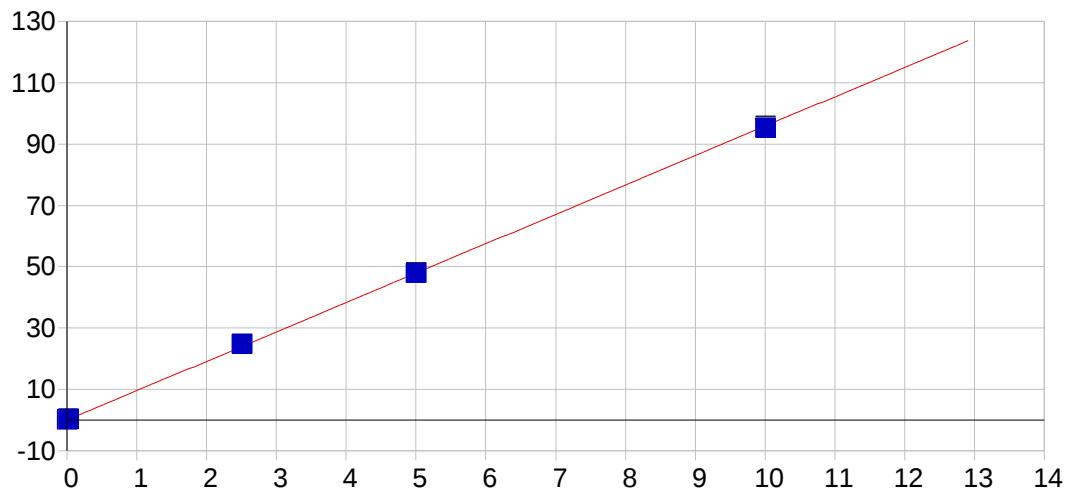
Status: Warning Zero Gain

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: 4/24/2019 16:44:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005172

Re-Slope: 1.000000

A1 (Gain): 9.583402

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999910

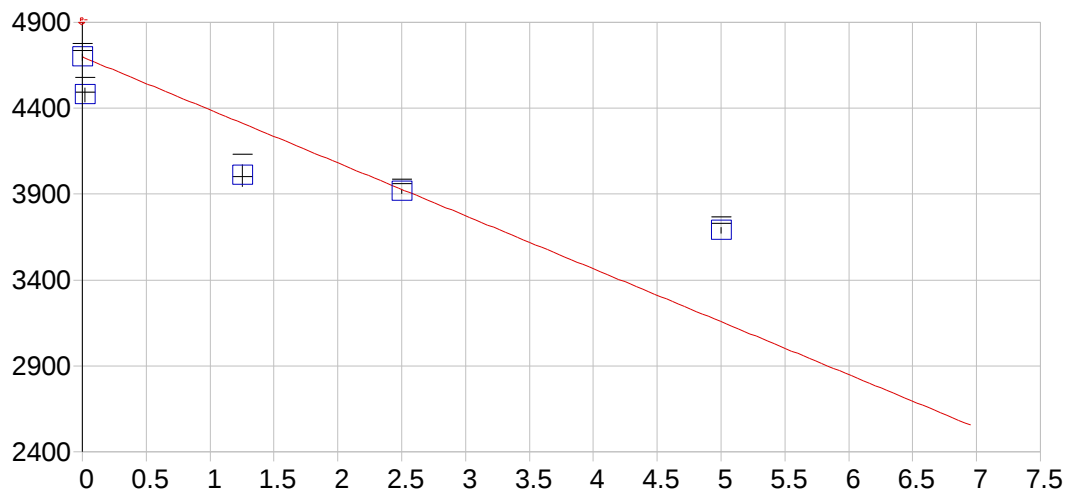
Status: OK.

Std Error of Est: 0.003117

Predicted MDL: 0.000105

Predicted MQL: 0.000349

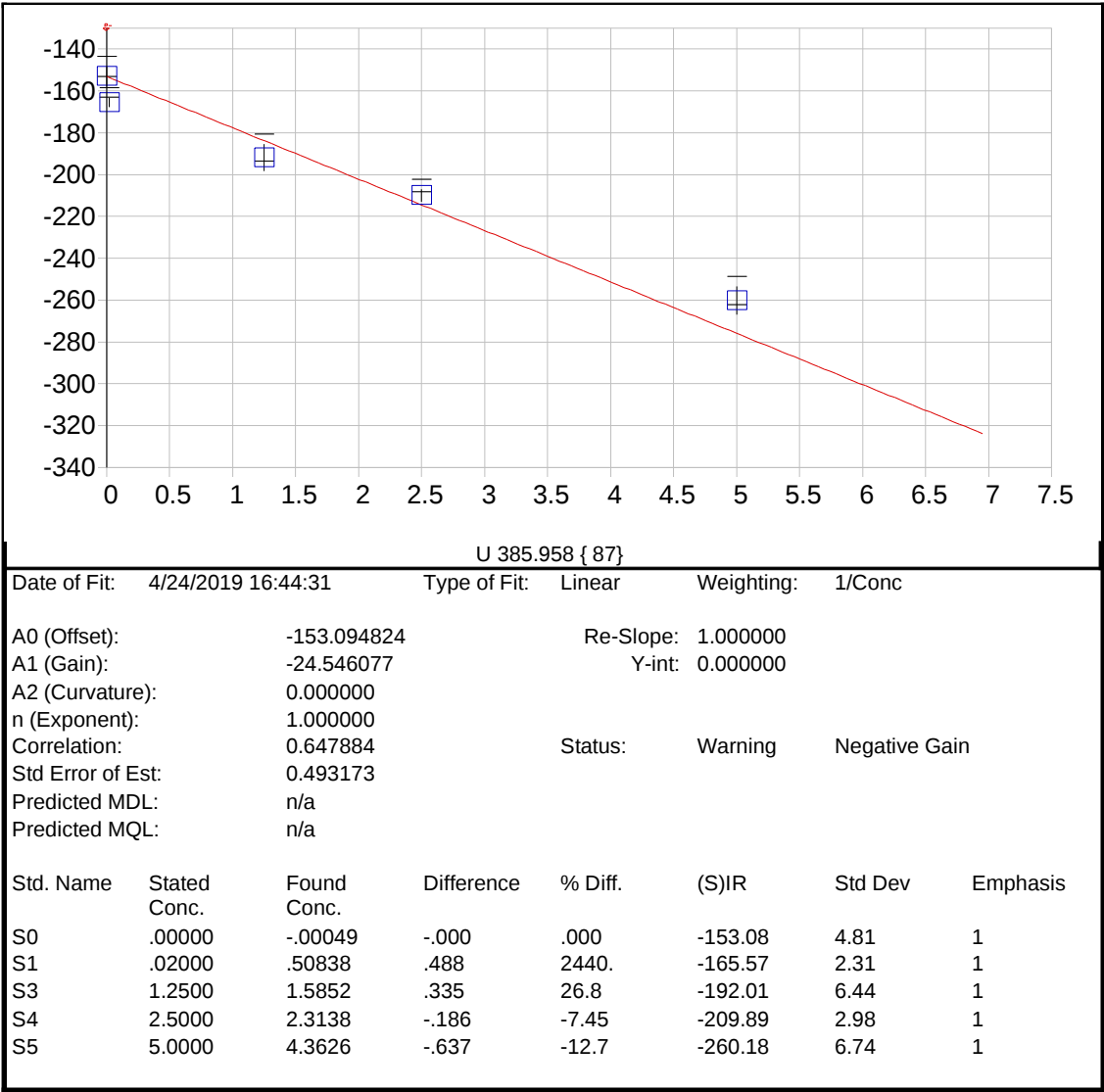
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00518	.000	1
S1	.02000	.02067	.001	3.35	.19397	.002	1
S3	2.5000	2.5818	.082	3.27	24.764	.045	1
S4	5.0000	4.9813	-.019	-.374	47.785	.169	1
S5	10.000	9.9362	-.064	-.638	95.323	.392	1



Date of Fit: 4/24/2019 16:44:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4698.541327 Re-Slope: 1.000000
 A1 (Gain): -308.268258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.505085 Status: Warning Negative Gain
 Std Error of Est: 9.001562
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	4698.8	20.5	1
S1	.02000	.71570	.696	3480.	4477.9	42.8	1
S3	1.2500	2.2396	.990	79.2	4008.1	65.2	1
S4	2.5000	2.5427	.043	1.71	3914.7	14.0	1
S5	5.0000	3.2719	-1.73	-34.6	3689.9	18.8	1



Sample Name: S0 Acquired: 4/24/2019 11:16:33 Type: Cal
Method: P4-ICP2(v3068) 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	.00001	.00021	.00144	-.00016	.00061	.00073	.00091	.00001
Stddev	.00006	.00007	.00007	.00014	.00010	.00003	.00016	.00006
%RSD	848.06	31.039	4.5791	87.511	17.279	4.6770	17.114	805.39

#1	-.00004	.00018	.00137	-.00030	.00066	.00072	.00098	-.00005
#2	-.00001	.00017	.00149	-.00014	.00049	.00071	.00102	-.00001
#3	.00007	.00029	.00147	-.00003	.00068	.00077	.00073	.00008

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	-.00012	.00082	.00002	-.00020	.00214	.00068	.00018	.00005
Stddev	.00005	.00047	.00001	.00008	.00030	.00004	.00003	.00001
%RSD	39.568	57.840	69.273	38.736	14.216	5.3748	17.509	29.179

#1	-.00013	.00055	.00004	-.00029	.00238	.00070	.00021	.00004
#2	-.00017	.00136	.00001	-.00014	.00224	.00069	.00017	.00003
#3	-.00007	.00053	.00002	-.00018	.00180	.00064	.00015	.00006

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	-.00557	.00004	.00073	-.00008	.00221	-.00334	.00001	-.00001
Stddev	.00018	.00009	.00033	.00009	.00016	.00009	.00003	.00002
%RSD	3.2958	254.69	45.734	110.07	7.0768	2.5592	382.07	238.14

#1	-.00537	-.00007	.00038	-.00003	.00237	-.00328	.00004	-.00003
#2	-.00573	.00006	.00077	-.00003	.00205	-.00330	-.00002	-.00001
#3	-.00562	.00011	.00105	-.00018	.00220	-.00344	.00001	.00001

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	.00371	.01111	.00043	.00224	.02408	-.0034	-.00518	4698.8
Stddev	.00015	.00028	.00005	.00041	.00114	.0000	.00040	20.5
%RSD	4.0993	2.5186	11.529	18.190	4.7433	1.296	7.7680	.43664

#1	.00375	.01089	.00037	.00241	.02352	-.0033	-.00561	4698.9
#2	.00384	.01101	.00044	.00178	.02332	-.0034	-.00481	4719.2
#3	.00354	.01143	.00047	.00254	.02539	-.0034	-.00513	4678.2

Sample Name: S0 Acquired: 4/24/2019 11:16:33 Type: Cal
Method: P4-ICP2(v3068) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-153.08
Stddev	4.81
%RSD	3.1426

#1	-156.45
#2	-155.23
#3	-147.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5026.0	59808.	5309.5	67.481	5469.3
Stddev	16.2	280.	22.7	1.410	16.5
%RSD	.32151	.46788	.42674	2.0887	.30215

#1	5008.6	60131.	5291.0	66.570	5452.6
#2	5028.7	59635.	5302.6	66.768	5469.7
#3	5040.6	59659.	5334.8	69.105	5485.7

Sample Name: S1 Acquired: 4/24/2019 11:21:00 Type: Cal
Method: P4-ICP2(v3068) 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	.00091	.00553	.00378	.00101	.00630	.00144	.02666	.00450
Stddev	.00009	.00013	.00009	.00008	.00004	.00002	.00011	.00005
%RSD	10.205	2.4165	2.2957	8.0287	.57709	1.2356	.40004	1.2049
#1	.00086	.00569	.00369	.00110	.00634	.00145	.02672	.00455
#2	.00102	.00543	.00386	.00097	.00628	.00142	.02653	.00444
#3	.00085	.00549	.00380	.00095	.00627	.00144	.02671	.00450
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	.02034	.00191	.02630	.01674	.00918	.02065	.01663	.00220
Stddev	.00023	.00005	.00021	.00022	.00003	.00013	.00022	.00001
%RSD	1.1185	2.3871	.79538	1.3201	.27616	.62330	1.3360	.34922
#1	.02060	.00196	.02620	.01666	.00920	.02080	.01689	.00221
#2	.02026	.00192	.02655	.01658	.00915	.02057	.01647	.00219
#3	.02016	.00187	.02617	.01699	.00917	.02059	.01654	.00220
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	.00785	.07445	.14567	.00021	.00373	.15308	.00756	.01221
Stddev	.00010	.00008	.00049	.00001	.00013	.00062	.00007	.00020
%RSD	1.2678	.10447	.33944	6.0796	3.3952	.40524	.91749	1.5981
#1	.00788	.07452	.14619	.00022	.00384	.15373	.00749	.01199
#2	.00774	.07436	.14521	.00020	.00376	.15249	.00756	.01237
#3	.00794	.07446	.14563	.00021	.00359	.15302	.00763	.01228
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.04894	-.0021	.19397	4477.9	-165.57			
Stddev	.00028	.0001	.00216	42.8	2.31			
%RSD	.58117	5.585	1.1153	.95479	1.3949			
#1	.04895	-.0021	.19150	4522.2	-167.38			
#2	.04865	-.0022	.19491	4436.8	-166.37			
#3	.04922	-.0020	.19550	4474.8	-162.97			

Sample Name: S1 Acquired: 4/24/2019 11:21:00 Type: Cal
Method: P4-ICP2(v3068) 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	5035.2	60456.	5393.4	69.420	5400.3
Stddev	11.2	197.	41.1	1.289	7.7
%RSD	.22322	.32520	.76173	1.8572	.14272
#1	5022.3	60233.	5422.4	69.752	5391.4
#2	5040.3	60605.	5411.4	70.511	5404.2
#3	5043.0	60530.	5346.4	67.998	5405.3

Sample Name: S2 Acquired: 4/24/2019 11:25:24 Type: Cal
Method: P4-ICP2(v3068) 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	.09542	.00118	.04705	.00938
Stddev	.00040	.00003	.00051	.00025
%RSD	.41560	2.6802	1.0922	2.6954

#1	.09583	.00116	.04654	.00915
#2	.09541	.00116	.04757	.00934
#3	.09503	.00121	.04704	.00965

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	62619.	5579.1
Stddev	199.	19.7
%RSD	.31836	.35257

#1	62689.	5570.8
#2	62394.	5565.0
#3	62774.	5601.6

Sample Name: S3 Acquired: 4/24/2019 11:29:38 Type: Cal
Method: P4-ICP2(v3068) 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	.10484	.32473	.46485	.14612	.28909	.03423	1.2751	.09094
Stddev	.00047	.00061	.00100	.00001	.00032	.00010	.0029	.00041
%RSD	.45286	.18780	.21447	.00398	.11116	.30423	.22742	.44947
#1	.10430	.32530	.46578	.14612	.28940	.03435	1.2783	.09116
#2	.10518	.32409	.46497	.14613	.28876	.03415	1.2728	.09047
#3	.10505	.32480	.46380	.14612	.28912	.03418	1.2742	.09120
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	4.3291	.55773	.09476	1.1670	.42978	.20897	1.2107	.00698
Stddev	.0007	.00133	.00028	.0005	.00052	.00032	.0017	.00004
%RSD	.01536	.23842	.29637	.04232	.12153	.15155	.13891	.54501
#1	4.3292	.55785	.09506	1.1675	.43009	.20920	1.2119	.00702
#2	4.3297	.55635	.09451	1.1666	.42918	.20861	1.2088	.00698
#3	4.3284	.55900	.09470	1.1669	.43007	.20910	1.2113	.00694
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	.69482	.12712	.28160	.25211	2.0244	.07338	1.7582	.00537
Stddev	.00188	.00026	.00122	.00071	.0013	.00056	.0031	.00003
%RSD	.27075	.20086	.43497	.28233	.06517	.76787	.17837	.58262
#1	.69314	.12741	.28299	.25280	2.0231	.07368	1.7598	.00537
#2	.69448	.12694	.28114	.25138	2.0258	.07373	1.7546	.00534
#3	.69685	.12701	.28068	.25214	2.0244	.07273	1.7601	.00540
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	.10125	.90041	.46950	.66694	3.3946	.1730	24.764	4008.1
Stddev	.00029	.00222	.00053	.00176	.0116	.0004	.045	65.2
%RSD	.28324	.24633	.11370	.26389	.34291	.2041	.18153	1.6279
#1	.10111	.89952	.46930	.66651	3.3999	.1734	24.730	4049.2
#2	.10106	.90293	.46909	.66887	3.4027	.1727	24.815	4042.3
#3	.10158	.89878	.47010	.66543	3.3813	.1731	24.747	3932.9

Sample Name: S3 Acquired: 4/24/2019 11:29:38 Type: Cal
Method: P4-ICP2(v3068) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-192.01
Stddev	6.44
%RSD	3.3521

#1	-184.90
#2	-193.68
#3	-197.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4964.9	60088.	5506.7	69.521	5049.3
Stddev	13.0	353.	12.3	1.050	5.0
%RSD	.26169	.58714	.22415	1.5099	.09879

#1	4953.6	59685.	5496.9	68.309	5043.6
#2	4979.1	60237.	5502.5	70.114	5052.9
#3	4962.1	60342.	5520.5	70.139	5051.4

Sample Name: S4 Acquired: 4/24/2019 11:33:37 Type: Cal
Method: P4-ICP2(v3068) 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	.20407	.62655	.89858	.28416	.55614	.06644	2.5231	.17696
Stddev	.00016	.00193	.00091	.00055	.00121	.00062	.0086	.00042
%RSD	.08056	.30756	.10087	.19255	.21670	.94037	.33880	.23472
#1	.20396	.62441	.89773	.28364	.55567	.06573	2.5137	.17726
#2	.20426	.62814	.89954	.28473	.55751	.06668	2.5251	.17648
#3	.20399	.62710	.89848	.28412	.55524	.06691	2.5305	.17713
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	8.4932	1.0724	.18226	2.2938	.82053	.39915	2.3210	.01366
Stddev	.0028	.0013	.00027	.0017	.00107	.00088	.0050	.00011
%RSD	.03304	.12451	.14642	.07594	.13006	.22144	.21323	.83934
#1	8.4943	1.0734	.18216	2.2919	.82151	.39824	2.3178	.01354
#2	8.4953	1.0728	.18207	2.2951	.82070	.39918	2.3186	.01366
#3	8.4900	1.0709	.18257	2.2945	.81939	.40001	2.3267	.01377
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	1.3667	.24519	.55233	.48948	4.0113	.14749	3.4265	.01083
Stddev	.0017	.00042	.00183	.00045	.0033	.00073	.0035	.00009
%RSD	.12098	.16978	.33105	.09233	.08295	.49337	.10161	.78973
#1	1.3653	.24561	.55029	.48899	4.0076	.14667	3.4282	.01074
#2	1.3664	.24478	.55291	.48987	4.0140	.14773	3.4289	.01084
#3	1.3685	.24517	.55380	.48958	4.0123	.14807	3.4225	.01091
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	.20329	1.7421	.93070	1.3094	6.4899	.3514	47.785	3914.7
Stddev	.00105	.0111	.00057	.0010	.0258	.0007	.169	14.0
%RSD	.51567	.63865	.06071	.07487	.39769	.1953	.35367	.35817
#1	.20217	1.7547	.93057	1.3087	6.5152	.3509	47.979	3930.8
#2	.20424	1.7334	.93132	1.3105	6.4636	.3522	47.669	3905.5
#3	.20347	1.7384	.93022	1.3089	6.4907	.3512	47.708	3907.8

Sample Name: S4 Acquired: 4/24/2019 11:33:37 Type: Cal
Method: P4-ICP2(v3068) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-209.89
Stddev	2.98
%RSD	1.4183

#1	-210.99
#2	-212.16
#3	-206.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4906.2	59364.	5540.8	69.020	4856.3
Stddev	5.2	76.	36.1	.955	3.2
%RSD	.10517	.12802	.65236	1.3831	.06531

#1	4902.1	59417.	5499.1	68.843	4852.6
#2	4904.5	59398.	5562.1	68.166	4858.3
#3	4912.0	59277.	5561.4	70.050	4857.9

Sample Name: S5 Acquired: 4/24/2019 11:37:36 Type: Cal
Method: P4-ICP2(v3068) 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	.41819	1.2684	1.8474	.58121	1.1365	.13721	5.2291	.35949
Stddev	.00046	.0010	.0049	.00080	.0019	.00026	.0620	.00046
%RSD	.11013	.08133	.26693	.13787	.16385	.18886	1.1848	.12762
#1	.41851	1.2696	1.8531	.58213	1.1386	.13692	5.1615	.36002
#2	.41840	1.2679	1.8449	.58065	1.1357	.13736	5.2831	.35929
#3	.41766	1.2677	1.8442	.58086	1.1352	.13737	5.2428	.35917
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	17.506	2.1615	.36890	4.7438	1.6428	.80596	4.6469	.02809
Stddev	.033	.0153	.00030	.0078	.0019	.00028	.0296	.00010
%RSD	.18987	.70791	.08081	.16361	.11841	.03432	.63745	.36845
#1	17.538	2.1792	.36894	4.7515	1.6445	.80591	4.6146	.02819
#2	17.510	2.1524	.36917	4.7440	1.6432	.80571	4.6728	.02798
#3	17.471	2.1529	.36858	4.7360	1.6407	.80626	4.6533	.02810
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	2.8148	.50181	1.1498	1.0058	8.3508	.31133	6.9442	.02274
Stddev	.0061	.00052	.0051	.0003	.0090	.00145	.0104	.00026
%RSD	.21562	.10288	.44537	.02828	.10735	.46493	.14944	1.1604
#1	2.8205	.50209	1.1477	1.0061	8.3606	.31053	6.9558	.02249
#2	2.8156	.50214	1.1461	1.0055	8.3489	.31045	6.9409	.02272
#3	2.8084	.50122	1.1557	1.0058	8.3429	.31300	6.9359	.02301
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	.43386	3.5371	1.9249	2.6450	13.186	.7488	95.323	3689.9
Stddev	.00019	.0353	.0017	.0191	.108	.0001	.392	18.8
%RSD	.04451	.99726	.08716	.72302	.82086	.0175	.41075	.50852
#1	.43381	3.5675	1.9266	2.6662	13.302	.7489	95.733	3710.0
#2	.43408	3.5453	1.9233	2.6398	13.169	.7488	95.283	3686.9
#3	.43370	3.4984	1.9247	2.6290	13.088	.7486	94.953	3672.8

Sample Name: S5 Acquired: 4/24/2019 11:37:36 Type: Cal
 Method: P4-ICP2(v3068) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-260.18
Stddev	6.74
%RSD	2.5911

#1	-257.13
#2	-267.91
#3	-255.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4752.0	57506.	5496.5	67.372	4563.3
Stddev	11.3	83.	48.7	.920	10.5
%RSD	.23694	.14467	.88616	1.3658	.23020

#1	4739.0	57543.	5444.0	66.330	4551.9
#2	4758.5	57565.	5505.1	67.713	4565.2
#3	4758.6	57411.	5540.3	68.073	4572.6

Sample Name: ICV01 Acquired: 4/24/2019 11:48:17 Type: Unk
Method: P4-ICP2(v3068) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0236	1.0693	1.0204	1.0251	1.0164	2.5748	.50705
Stddev	.0014	.0015	.0012	.0066	.0038	.0217	.00126
%RSD	.13260	.13693	.12123	.64234	.37691	.84272	.24804

#1	1.0249	1.0710	1.0217	1.0326	1.0177	2.5512	.50568
#2	1.0222	1.0684	1.0192	1.0228	1.0121	2.5794	.50816
#3	1.0238	1.0686	1.0204	1.0200	1.0194	2.5938	.50731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49733	.49613	10.412	.51048	.50175	.53175	5.1904
Stddev	.00061	.00067	.049	.00138	.00034	.00230	.0143
%RSD	.12314	.13481	.47338	.27104	.06796	.43165	.27560

#1	.49723	.49565	10.359	.50948	.50179	.53269	5.1904
#2	.49798	.49690	10.421	.51206	.50139	.52913	5.2047
#3	.49677	.49586	10.456	.50990	.50206	.53342	5.1761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51668	6.0623	.50521	.51672	10.159	.50283	.97653
Stddev	.00010	.0053	.00038	.00218	.047	.00056	.00070
%RSD	.01894	.08802	.07487	.42149	.46380	.11186	.07131

#1	.51662	6.0620	.50560	.51853	10.114	.50348	.97656
#2	.51679	6.0678	.50485	.51732	10.208	.50252	.97721
#3	.51662	6.0571	.50518	.51430	10.155	.50250	.97582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.155	2.5318	2.4694	F -.04392	2.4264	2.4316	2.5282
Stddev	.082	.0005	.0165	.00158	.0101	.0042	.0069
%RSD	.80299	.02152	.66874	3.5967	.41712	.17103	.27438

#1	10.061	2.5313	2.4663	-.04528	2.4335	2.4287	2.5295
#2	10.202	2.5324	2.4547	-.04219	2.4310	2.4297	2.5207
#3	10.202	2.5316	2.4873	-.04429	2.4148	2.4364	2.5344

Sample Name: ICV01 Acquired: 4/24/2019 11:48:17 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00138	F -.0052	F .00630	F 1.8632	F 1.5803
Stddev	.00052	.0005	.00009	.0257	.3649
%RSD	37.663	10.08	1.4069	1.3771	23.094
#1	-.00165	-.0054	.00625	1.8339	1.4286
#2	-.00171	-.0055	.00625	1.8814	1.9966
#3	-.00078	-.0046	.00640	1.8744	1.3156
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5026.6	60684.	5621.9	71.453	5214.6
Stddev	12.8	87.	22.8	2.043	14.7
%RSD	.25469	.14377	.40483	2.8591	.28173
#1	5012.1	60627.	5607.7	73.457	5202.8
#2	5031.1	60641.	5609.8	69.373	5210.1
#3	5036.5	60785.	5648.1	71.530	5231.1

Sample Name: LLICV01 Acquired: 4/24/2019 11:52:21 Type: Unk
Method: P4-ICP2(v3068) 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	.02093	.04117	.01215	.01946	.05324	.09274	.09996
Stddev	.00025	.00055	.00051	.00209	.00062	.00717	.00027
%RSD	1.2175	1.3412	4.1764	10.729	1.1708	7.7331	.26732

#1	.02068	.04098	.01157	.01763	.05381	.09533	.09977
#2	.02119	.04179	.01237	.02174	.05258	.08463	.09985
#3	.02091	.04074	.01251	.01903	.05333	.09825	.10027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	.00578	2.0678	.00995	.02822	.02095	.10230
Stddev	.00003	.00006	.0032	.00015	.00020	.00020	.00095
%RSD	.45590	1.1195	.15429	1.5139	.69958	.95453	.92641

#1	.00619	.00571	2.0644	.01012	.02830	.02117	.10308
#2	.00614	.00583	2.0682	.00984	.02836	.02078	.10257
#3	.00615	.00580	2.0708	.00988	.02799	.02090	.10125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02145	1.9766	.03948	.01051	1.9716	.03958	.03779
Stddev	.00014	.0228	.00035	.00038	.0155	.00018	.00022
%RSD	.63888	1.1540	.88088	3.6007	.78546	.44272	.57795

#1	.02160	1.9888	.03917	.01060	1.9537	.03978	.03781
#2	.02134	1.9503	.03986	.01010	1.9803	.03954	.03799
#3	.02140	1.9907	.03940	.01084	1.9808	.03943	.03756

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9736	.20546	.10120	F -.03238	F .59290	.03727	.03677
Stddev	.0252	.00086	.01325	.00085	.00918	.00034	.00080
%RSD	1.2785	.41878	13.094	2.6341	1.5485	.90806	2.1759

#1	1.9670	.20499	.11560	-.03298	.60182	.03738	.03759
#2	1.9522	.20645	.08953	-.03277	.58348	.03755	.03600
#3	2.0014	.20494	.09846	-.03141	.59340	.03689	.03672

Sample Name: LLICV01 Acquired: 4/24/2019 11:52:21 Type: Unk
Method: P4-ICP2(v3068) 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	.01623	.0190	.02055	F .78892	F<.00000
Stddev	.00035	.0013	.00014	.07080	.27155
%RSD	2.1494	6.706	.69544	8.9736	223.70
#1	.01614	.0175	.02070	.76044	-.17657
#2	.01662	.0197	.02042	.73681	.17351
#3	.01594	.0198	.02053	.86952	-.36112
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5280.8	64760.	5847.5	74.436	5662.1
Stddev	16.1	12.	51.8	.629	21.5
%RSD	.30463	.01928	.88568	.84513	.37916
#1	5297.8	64774.	5789.7	74.150	5674.8
#2	5265.9	64755.	5889.7	74.000	5637.3
#3	5278.7	64751.	5863.2	75.157	5674.2

Sample Name: ICB01 Acquired: 4/24/2019 11:56:44 Type: Unk
Method: P4-ICP2(v3068) 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	.00114	.00037	.00005	.00058	.00091	-.01407	.00067
Stddev	.00124	.00057	.00075	.00118	.00054	.00508	.00046
%RSD	107.89	151.93	1621.8	202.99	59.129	36.080	68.075

#1	.00166	.00020	.00030	.00162	.00100	-.00827	.00077
#2	-.00026	.00101	.00064	-.00070	.00139	-.01624	.00107
#3	.00204	-.00009	-.00080	.00083	.00033	-.01769	.00017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00004	.00383	-.00028	-.00021	-.00012	-.00048
Stddev	.00001	.00003	.01323	.00019	.00017	.00013	.00064
%RSD	233.88	66.602	345.74	67.749	82.785	113.15	133.08

#1	-.00001	-.00007	.01720	-.00035	-.00015	.00001	-.00071
#2	.00002	-.00002	-.00927	-.00043	-.00040	-.00026	-.00098
#3	.00001	-.00004	.00356	-.00007	-.00007	-.00010	.00024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00442	.00097	.00034	-.02701	-.00003	-.00032
Stddev	.00002	.03031	.00012	.00053	.00511	.00017	.00014
%RSD	113.13	685.41	12.685	153.73	18.911	614.44	43.687

#1	-.00002	.03058	.00111	.00063	-.02878	.00006	-.00038
#2	.00000	-.02239	.00088	-.00027	-.02126	.00008	-.00016
#3	-.00005	-.02146	.00093	.00067	-.03100	-.00023	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07288	.00007	.00583	F -.05302	-.00116	-.00030	-.00330
Stddev	.01611	.00028	.00797	.00144	.00171	.00062	.00046
%RSD	22.102	416.96	136.77	2.7251	147.28	207.38	13.858

#1	.08177	.00032	.00938	-.05265	-.00261	-.00011	-.00289
#2	.05428	-.00023	-.00330	-.05462	-.00160	.00020	-.00323
#3	.08258	.00010	.01139	-.05180	.00073	-.00099	-.00379

Sample Name: ICB01 Acquired: 4/24/2019 11:56:44 Type: Unk
 Method: P4-ICP2(v3068) 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	-.00475	.0004	-.00003	F 1.6812	F .36812
Stddev	.00262	.0007	.00006	.0919	.09628
%RSD	55.137	170.2	180.54	5.4673	26.155
#1	-.00728	.0012	.00003	1.5996	.37362
#2	-.00205	.0002	-.00003	1.7808	.26921
#3	-.00492	-.0002	-.00008	1.6633	.46154
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5209.8	64795.	5910.4	75.954	5660.0
Stddev	8.2	144.	8.9	.957	10.6
%RSD	.15776	.22213	.15023	1.2604	.18663
#1	5216.4	64868.	5912.0	76.893	5660.6
#2	5212.4	64887.	5900.8	74.980	5670.2
#3	5200.6	64629.	5918.4	75.989	5649.1

Sample Name: CRI01 Acquired: 4/24/2019 12:01:12 Type: Unk
Method: P4-ICP2(v3068) 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	.02136	.04302	.01210	.02152	.05449	.08592	.10601
Stddev	.00133	.00074	.00062	.00136	.00079	.00778	.00052
%RSD	6.2320	1.7092	5.1487	6.3232	1.4416	9.0495	.49187

#1	.02236	.04230	.01195	.02013	.05414	.08703	.10554
#2	.02188	.04377	.01156	.02285	.05394	.07765	.10592
#3	.01985	.04299	.01278	.02157	.05539	.09308	.10657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	.00593	2.1373	.01077	.02987	.02195	.10666
Stddev	.00008	.00001	.0296	.00040	.00019	.00008	.00057
%RSD	1.2165	.20470	1.3831	3.6737	.62666	.35082	.53115

#1	.00653	.00594	2.1658	.01096	.03004	.02202	.10614
#2	.00637	.00593	2.1393	.01031	.02967	.02195	.10658
#3	.00647	.00592	2.1068	.01103	.02990	.02187	.10726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02255	2.0232	.04092	.01085	2.0606	.04118	.03959
Stddev	.00015	.0289	.00047	.00047	.0176	.00023	.00021
%RSD	.65675	1.4306	1.1584	4.3747	.85621	.56756	.53294

#1	.02265	2.0142	.04116	.01031	2.0745	.04132	.03976
#2	.02263	2.0556	.04037	.01118	2.0666	.04091	.03967
#3	.02238	1.9999	.04122	.01106	2.0408	.04130	.03936

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0523	.21209	.11122	F -.03530	F .60822	.03866	.03870
Stddev	.0167	.00042	.00655	.00289	.00516	.00042	.00114
%RSD	.81521	.19655	5.8930	8.1732	.84767	1.0916	2.9458

#1	2.0661	.21236	.11777	-.03227	.60326	.03880	.03903
#2	2.0571	.21161	.10467	-.03801	.60783	.03900	.03743
#3	2.0337	.21230	.11121	-.03563	.61355	.03819	.03963

Sample Name: CRI01 Acquired: 4/24/2019 12:01:12 Type: Unk
 Method: P4-ICP2(v3068) 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	.01759	.0199	.02133	F 1.8825	F .00053
Stddev	.00092	.0010	.00011	.1913	.13373
%RSD	5.2109	4.957	.51889	10.161	25404.
#1	.01662	.0205	.02130	1.8023	-.13787
#2	.01844	.0188	.02124	2.1008	.01040
#3	.01770	.0205	.02146	1.7443	.12905
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5107.5	63051.	5783.4	73.843	5466.7
Stddev	6.2	243.	27.6	.782	6.4
%RSD	.12213	.38586	.47716	1.0585	.11663
#1	5100.8	62789.	5760.8	72.950	5459.9
#2	5108.4	63094.	5814.2	74.402	5472.6
#3	5113.2	63270.	5775.3	74.177	5467.6

Sample Name: ICSA01 Acquired: 4/24/2019 12:05:36 Type: Unk
Method: P4-ICP2(v3068) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	.01050	.00001	-.00948	.00525	279.52	.00916
Stddev	.00291	.00132	.00217	.00435	.00137	.50	.00012
%RSD	84.485	12.581	21033.	45.937	26.003	.18046	1.3041

#1	.00605	.00935	-.00114	-.00581	.00526	280.01	.00909
#2	.00030	.01020	.00251	-.01429	.00388	279.56	.00909
#3	.00398	.01194	-.00134	-.00834	.00661	279.00	.00930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00465	-.00053	252.13	.04934	-.00006	.00750	97.496
Stddev	.00012	.00003	1.02	.00065	.00016	.00031	.238
%RSD	2.5509	5.3658	.40365	1.3229	263.15	4.1720	.24383

#1	.00453	-.00056	251.22	.04901	-.00022	.00741	97.477
#2	.00467	-.00053	251.93	.05009	-.00005	.00725	97.742
#3	.00477	-.00050	253.23	.04891	.00009	.00785	97.268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01557	280.01	-.00359	-.00708	.01936	.00230	-.01165
Stddev	.00013	.39	.00023	.00031	.00748	.00021	.00014
%RSD	.82564	.14034	6.3749	4.3704	38.624	9.0863	1.1866

#1	.01545	280.00	-.00385	-.00676	.01185	.00208	-.01154
#2	.01556	280.41	-.00348	-.00737	.02681	.00250	-.01181
#3	.01571	279.62	-.00343	-.00713	.01942	.00232	-.01161

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05273	.00141	-.01902	F -.02491	-.00229	.00476	-.00055
Stddev	.02980	.00027	.00137	.00309	.00231	.00072	.00221
%RSD	56.516	18.813	7.2262	12.397	101.22	15.152	400.86

#1	.07103	.00135	-.01922	-.02845	-.00470	.00550	-.00300
#2	.01834	.00170	-.01756	-.02277	-.00208	.00406	.00006
#3	.06883	.00118	-.02028	-.02351	-.00008	.00472	.00129

Sample Name: ICSA01 Acquired: 4/24/2019 12:05:36 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00802	.0008	-.00160	3.5364	28.714
Stddev	.00123	.0005	.00068	.1360	.181
%RSD	15.340	58.74	42.182	3.8469	.62946
#1	.00784	.0007	-.00174	3.5971	28.710
#2	.00934	.0004	-.00220	3.6316	28.535
#3	.00690	.0014	-.00087	3.3806	28.896
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4493.6	54632.	5463.4	66.060	4289.9
Stddev	2.5	151.	18.3	1.954	2.1
%RSD	.05633	.27709	.33473	2.9572	.04972
#1	4496.0	54601.	5481.7	67.108	4291.6
#2	4490.9	54498.	5463.2	63.806	4287.5
#3	4494.0	54796.	5445.2	67.265	4290.7

Sample Name: ICSAB01 Acquired: 4/24/2019 12:10:14 Type: Unk
Method: P4-ICP2(v3068) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11038	.12494	.05303	.05125	.67112	270.33	.58018
Stddev	.00308	.00098	.00108	.00036	.00318	1.22	.00100
%RSD	2.7881	.78758	2.0292	.70623	.47394	.45116	.17200

#1	.10697	.12403	.05426	.05166	.66753	270.10	.57991
#2	.11121	.12599	.05256	.05114	.67357	269.24	.57934
#3	.11296	.12479	.05226	.05096	.67226	271.65	.58128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57942	1.0749	245.24	.58331	.53477	.54045	93.773
Stddev	.00162	.0011	2.19	.00186	.00080	.00118	.543
%RSD	.28007	.10620	.89488	.31944	.15030	.21771	.57892

#1	.57916	1.0760	245.39	.58235	.53385	.53913	94.308
#2	.57795	1.0749	247.36	.58212	.53522	.54087	93.222
#3	.58116	1.0737	242.98	.58546	.53525	.54136	93.788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55481	270.53	1.0479	.21800	.01835	.53942	1.1214
Stddev	.00078	1.24	.0043	.00044	.01029	.00124	.0010
%RSD	.14140	.45755	.41133	.20016	56.055	.23016	.09152

#1	.55564	270.38	1.0438	.21769	.01448	.54035	1.1215
#2	.55408	269.38	1.0475	.21780	.01056	.53801	1.1223
#3	.55470	271.84	1.0524	.21850	.03002	.53991	1.1203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01579	1.0998	1.1407	1.0622	.99265	1.1118	1.1070
Stddev	.00869	.0014	.0342	.0075	.01281	.0024	.0010
%RSD	55.006	.12677	2.9934	.70511	1.2906	.21124	.09259

#1	.01219	1.0995	1.1337	1.0699	.99878	1.1091	1.1077
#2	.02570	1.1013	1.1106	1.0550	1.0012	1.1130	1.1074
#3	.00949	1.0986	1.1778	1.0616	.97792	1.1133	1.1058

Sample Name: ICSAB01 Acquired: 4/24/2019 12:10:14 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00661	F -.0038	F -.00018	3.6416	28.531
Stddev	.00083	.0004	.00089	.0750	.527
%RSD	12.581	10.26	481.38	2.0588	1.8483
#1	.00577	-.0037	-.00114	3.6122	29.140
#2	.00743	-.0043	.00062	3.7268	28.207
#3	.00665	-.0035	-.00003	3.5858	28.247
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4545.3	55706.	5539.3	67.929	4345.7
Stddev	8.9	106.	60.3	.597	8.5
%RSD	.19582	.18998	1.0890	.87813	.19649
#1	4552.9	55621.	5511.4	68.427	4354.2
#2	4535.5	55825.	5498.0	68.093	4337.2
#3	4547.4	55673.	5608.6	67.268	4345.6

Sample Name: CCV01 Acquired: 4/24/2019 12:14:38 Type: Unk
Method: P4-ICP2(v3068) 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	4.8699	4.9002	4.8648	4.8816	4.9139	9.7987	9.8243	.24776
Stddev	.0075	.0074	.0057	.0094	.0107	.0493	.0722	.00055
%RSD	.15377	.15192	.11806	.19184	.21884	.50352	.73485	.22167
#1	4.8785	4.8916	4.8701	4.8924	4.9256	9.8314	9.8804	.24838
#2	4.8646	4.9036	4.8587	4.8758	4.9116	9.7419	9.7428	.24734
#3	4.8666	4.9053	4.8656	4.8765	4.9045	9.8227	9.8496	.24756
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4311	24.204	.98240	2.4381	1.2331	4.9093	2.4818	24.387
Stddev	.0034	.462	.00143	.0029	.0037	.0072	.0039	.215
%RSD	.13874	1.9102	.14557	.11819	.30217	.14635	.15771	.88298
#1	2.4349	24.552	.98260	2.4413	1.2352	4.9018	2.4826	24.539
#2	2.4296	23.679	.98088	2.4375	1.2354	4.9161	2.4776	24.140
#3	2.4287	24.380	.98372	2.4356	1.2288	4.9101	2.4853	24.481
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4372	1.2272	24.501	2.4446	2.4270	24.195	4.9162	4.8634
Stddev	.0053	.0014	.127	.0059	.0042	.186	.0031	.0381
%RSD	.21866	.11634	.51931	.23953	.17420	.76809	.06259	.78295
#1	2.4434	1.2262	24.580	2.4383	2.4317	24.392	4.9177	4.9059
#2	2.4340	1.2288	24.354	2.4455	2.4259	24.024	4.9183	4.8324
#3	2.4343	1.2266	24.568	2.4499	2.4235	24.168	4.9127	4.8518
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.7471	4.7560	4.8468	4.8838	4.8392	4.852	4.9236	F 2.7313
Stddev	.0073	.0640	.0047	.0921	.1017	.012	.1066	.2146
%RSD	.15388	1.3448	.09808	1.8869	2.1014	.2377	2.1641	7.8561
#1	4.7511	4.8183	4.8467	4.9638	4.9406	4.850	5.0189	2.8091
#2	4.7386	4.6905	4.8421	4.7831	4.7372	4.842	4.8086	2.4887
#3	4.7515	4.7592	4.8516	4.9045	4.8398	4.864	4.9434	2.8962

Sample Name: CCV01 Acquired: 4/24/2019 12:14:38 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2949
Stddev	.2650
%RSD	11.547

#1	2.3876
#2	2.5010
#3	1.9960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4906.2	59465.	5658.5	70.381	4861.0
Stddev	18.0	109.	88.1	1.491	15.5
%RSD	.36747	.18383	1.5572	2.1179	.31955

#1	4893.3	59343.	5569.8	68.865	4846.8
#2	4898.7	59500.	5746.0	71.845	4858.7
#3	4926.8	59553.	5659.6	70.433	4877.6

Sample Name: LLCCV01 Acquired: 4/24/2019 12:18:36 Type: Unk
Method: P4-ICP2(v3068) 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	.02079	.04266	.01187	.02274	.05288	.09819	.10266
Stddev	.00067	.00081	.00089	.00194	.00066	.00632	.00057
%RSD	3.2205	1.8937	7.5262	8.5117	1.2396	6.4323	.55933

#1	.02003	.04315	.01084	.02068	.05229	.09240	.10256
#2	.02104	.04311	.01235	.02302	.05359	.09725	.10214
#3	.02130	.04173	.01241	.02452	.05275	.10493	.10327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	.00583	2.0719	.01010	.02848	.02139	.10462
Stddev	.00010	.00004	.0055	.00036	.00025	.00018	.00096
%RSD	1.5274	.62676	.26626	3.5247	.88775	.81890	.91709

#1	.00644	.00583	2.0708	.01049	.02875	.02141	.10415
#2	.00635	.00587	2.0671	.00980	.02825	.02120	.10573
#3	.00625	.00580	2.0779	.01000	.02844	.02155	.10399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02197	1.9678	.03951	.01044	2.0171	.04038	.04384
Stddev	.00017	.0613	.00018	.00006	.0211	.00022	.00006
%RSD	.79572	3.1146	.45613	.55501	1.0477	.54754	.14062

#1	.02194	2.0194	.03950	.01049	2.0054	.04025	.04383
#2	.02216	1.9001	.03933	.01045	2.0043	.04064	.04390
#3	.02182	1.9838	.03969	.01038	2.0414	.04026	.04378

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0433	.20808	.10298	F -.03605	.39121	.03703	.03774
Stddev	.0439	.00094	.00323	.00033	.00427	.00035	.00262
%RSD	2.1470	.44938	3.1405	.92358	1.0910	.93447	6.9468

#1	1.9941	.20916	.10664	-.03608	.39163	.03679	.03639
#2	2.0573	.20756	.10180	-.03638	.39525	.03743	.03607
#3	2.0785	.20753	.10050	-.03571	.38675	.03688	.04076

Sample Name: LLCCV01 Acquired: 4/24/2019 12:18:36 Type: Unk
 Method: P4-ICP2(v3068) 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	.01631	.0169	.02087	F 1.5235	F .33223
Stddev	.00076	.0008	.00014	.1538	.12679
%RSD	4.6647	4.639	.68638	10.092	38.164

#1	.01586	.0168	.02091	1.6017	.33146
#2	.01588	.0178	.02071	1.3464	.45940
#3	.01718	.0162	.02098	1.6226	.20582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5114.3	62385.	5693.7	73.424	5485.0
Stddev	9.5	41.	9.6	1.125	10.5
%RSD	.18632	.06557	.16888	1.5318	.19119

#1	5115.6	62431.	5699.4	72.275	5482.0
#2	5104.1	62355.	5682.6	74.523	5476.2
#3	5123.1	62368.	5699.0	73.475	5496.6

Sample Name: CCB01 Acquired: 4/24/2019 12:23:02 Type: Unk
Method: P4-ICP2(v3068) 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	.00181	.00061	-.00086	-.00015	-.00020	-.01196	.00127
Stddev	.00145	.00016	.00088	.00053	.00107	.00490	.00048
%RSD	80.125	27.176	103.17	352.83	529.78	40.970	37.667

#1	.00297	.00042	-.00187	.00046	.00099	-.01676	.00080
#2	.00226	.00072	-.00043	-.00046	-.00109	-.01217	.00175
#3	.00019	.00068	-.00027	-.00046	-.00051	-.00696	.00125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00001	-.00500	-.00027	-.00018	-.00009	-.00035
Stddev	.00005	.00005	.01395	.00031	.00013	.00009	.00045
%RSD	251.66	706.58	279.17	115.25	67.926	99.365	129.42

#1	.00004	-.00006	-.00680	-.00049	-.00010	-.00001	-.00014
#2	.00006	.00004	-.01796	.00009	-.00033	-.00019	-.00087
#3	-.00004	-.00000	.00977	-.00040	-.00013	-.00008	-.00004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00212	.00044	.00037	-.03644	.00016	-.00028
Stddev	.00002	.02337	.00017	.00046	.00471	.00032	.00003
%RSD	56.032	1104.7	39.303	124.37	12.913	197.31	9.9220

#1	-.00003	-.02890	.00026	.00046	-.03788	-.00019	-.00029
#2	-.00007	.00840	.00044	.00078	-.03118	.00024	-.00030
#3	-.00002	.01416	.00061	-.00013	-.04025	.00043	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04517	.00004	.01186	F -.05759	-.00319	-.00110	-.00129
Stddev	.01907	.00007	.00227	.00222	.00250	.00048	.00106
%RSD	42.215	163.23	19.141	3.8582	78.295	43.311	81.859

#1	.06712	.00009	.00942	-.05621	-.00273	-.00127	-.00095
#2	.03273	.00007	.01224	-.06015	-.00096	-.00056	-.00248
#3	.03565	-.00004	.01391	-.05641	-.00589	-.00147	-.00045

Sample Name: CCB01 Acquired: 4/24/2019 12:23:02 Type: Unk
 Method: P4-ICP2(v3068) 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	-.00469	-.0005	-.00006	F 1.9856	F .24527
Stddev	.00160	.0010	.00010	.0945	.07357
%RSD	34.105	206.9	166.61	4.7618	29.995
#1	-.00570	-.0008	-.00011	2.0609	.19972
#2	-.00552	.0006	-.00013	2.0164	.33015
#3	-.00284	-.0014	.00006	1.8795	.20595
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5108.2	62905.	5656.6	71.193	5559.9
Stddev	15.5	269.	13.2	.621	11.2
%RSD	.30350	.42691	.23333	.87167	.20204
#1	5095.2	62671.	5651.2	71.875	5547.4
#2	5104.0	63198.	5646.9	70.661	5563.2
#3	5125.3	62844.	5671.6	71.043	5569.1

Sample Name: LR CHECK 1 Acquired: 4/24/2019 12:27:47 Type: Unk
Method: P4-ICP2(v3068) 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	-.02974	.07066	-.01063	-.18052	.06476	2079.9	.01311	.03966
Stddev	.00494	.00290	.00356	.00671	.00522	11.0	.00101	.00038
%RSD	16.620	4.0996	33.468	3.7163	8.0649	.52709	7.6780	.95763

#1	-.02407	.06977	-.01244	-.17298	.06005	2074.0	.01421	.04000
#2	-.03317	.07390	-.01293	-.18273	.07037	2073.2	.01289	.03974
#3	-.03196	.06832	-.00653	-.18584	.06385	2092.6	.01223	.03925

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02417	1873.5	-.05253	.04879	.08843	810.27	-.00442	1843.4
Stddev	.00095	13.4	.00126	.00036	.00134	6.89	.00020	12.9
%RSD	3.9286	.71703	2.3938	.74212	1.5189	.85028	4.4989	.70029

#1	.02522	1884.7	-.05223	.04861	.08841	803.74	-.00419	1834.5
#2	.02388	1877.1	-.05146	.04855	.08978	809.59	-.00456	1837.4
#3	.02339	1858.6	-.05392	.04921	.08709	817.47	-.00450	1858.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05945	-.14138	1689.1	.00947	.11586	1083.5	-.00219	-1.1147
Stddev	.00106	.00223	11.0	.00056	.00169	7.1	.00037	.0117
%RSD	1.7790	1.5775	.65297	5.8941	1.4582	.65191	16.834	1.0525

#1	.05828	-.14036	1697.3	.00919	.11768	1088.4	-.00198	-1.1177
#2	.05975	-.14393	1676.6	.00910	.11557	1075.4	-.00261	-1.1017
#3	.06033	-.13984	1693.5	.01011	.11434	1086.8	-.00197	-1.1246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38688	-.02088	.02653	-.05694	.08701	.0310	-.87417	3.3004
Stddev	.00541	.00402	.00291	.00251	.00086	.0072	.00758	.0347
%RSD	1.3990	19.268	10.963	4.4045	.99001	23.04	.86724	1.0519

#1	.38222	-.02083	.02984	-.05522	.08639	.0388	-.86695	3.3193
#2	.39282	-.02492	.02536	-.05982	.08800	.0247	-.87349	3.3215
#3	.38560	-.01688	.02439	-.05578	.08665	.0297	-.88207	3.2603

Sample Name: LR CHECK 1 Acquired: 4/24/2019 12:27:47 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.5	42290.	4952.2	56.464	2747.4
Stddev	2.3	144.	57.3	.402	3.1
%RSD	.06906	.34030	1.1576	.71260	.11216

#1	3357.8	42322.	4910.1	56.834	2747.2
#2	3361.1	42415.	4929.0	56.036	2750.6
#3	3356.6	42132.	5017.5	56.523	2744.5

Sample Name: LR CHECK 2 Acquired: 4/24/2019 12:32:50 Type: Unk
Method: P4-ICP2(v3068) 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	.00003	-.00398	228.18	.02183	-.02959	-.25894	90.797	-.00144
Stddev	.00239	.00029	1.00	.00047	.00092	.01084	.337	.00003
%RSD	8093.5	7.3065	.44024	2.1672	3.0942	4.1865	.37110	2.0630

#1	.00127	-.00397	228.28	.02214	-.02992	-.25645	90.687	-.00142
#2	.00155	-.00427	227.13	.02128	-.02855	-.27081	90.530	-.00148
#3	-.00272	-.00369	229.14	.02206	-.03029	-.24957	91.176	-.00143

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00568	.21136	-.12918	.00110	249.29	-.87959	41.434	-.17669
Stddev	.00008	.00968	.00069	.00031	1.25	.00440	.135	.02111
%RSD	1.4250	4.5775	.53488	28.045	.50047	.50072	.32590	11.950

#1	-.00576	.22241	-.12941	.00128	250.09	-.87836	41.590	-.16425
#2	-.00567	.20438	-.12841	.00074	247.85	-.87592	41.362	-.16475
#3	-.00560	.20730	-.12974	.00127	249.92	-.88447	41.350	-.20107

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.732	.00825	.50090	-.04482	33.405	1.2369	-.00567	.00367
Stddev	.056	.00038	.00383	.00055	.049	.0304	.00007	.00247
%RSD	.11738	4.6193	.76442	1.2223	.14542	2.4606	1.2501	67.307

#1	47.723	.00802	.49818	-.04476	33.357	1.2707	-.00563	.00119
#2	47.681	.00869	.50528	-.04539	33.454	1.2284	-.00575	.00613
#3	47.792	.00803	.49925	-.04430	33.402	1.2117	-.00563	.00370

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05521	-.00984	-.00021	.01570	-.00736	-2.893	.00247	2.8065
Stddev	.00239	.00234	.00040	.00160	.00198	.030	.00008	.0990
%RSD	4.3226	23.750	189.76	10.173	26.912	1.053	3.0392	3.5264

#1	-.05521	-.00756	-.00032	.01404	-.00600	-2.858	.00254	2.7518
#2	-.05282	-.01223	-.00054	.01722	-.00963	-2.910	.00249	2.7469
#3	-.05760	-.00971	.00023	.01584	-.00645	-2.910	.00239	2.9207

Sample Name: LR CHECK 2 Acquired: 4/24/2019 12:32:50 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .93099
Stddev .13407
%RSD 14.401

#1 1.0463
#2 .78390
#3 .96272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4849.0	63762.	5961.9	74.788	5146.4
Stddev	11.7	209.	44.5	.584	13.6
%RSD	.24110	.32814	.74613	.78098	.26398

#1	4854.4	63583.	5925.9	74.616	5152.6
#2	4857.0	63992.	5948.1	75.439	5155.8
#3	4835.6	63711.	6011.7	74.309	5130.8

Sample Name: LR CHECK 1 Acquired: 4/24/2019 12:27:47 Type: Unk
Method: P4-ICP2(v3068) 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	-.02974	.07066	-.01063	-.18052	.06476	2079.9	.01311	.03966
Stddev	.00494	.00290	.00356	.00671	.00522	11.0	.00101	.00038
%RSD	16.620	4.0996	33.468	3.7163	8.0649	.52709	7.6780	.95763

#1	-.02407	.06977	-.01244	-.17298	.06005	2074.0	.01421	.04000
#2	-.03317	.07390	-.01293	-.18273	.07037	2073.2	.01289	.03974
#3	-.03196	.06832	-.00653	-.18584	.06385	2092.6	.01223	.03925

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02417	1873.5	-.05253	.04879	.08843	810.27	-.00442	1843.4
Stddev	.00095	13.4	.00126	.00036	.00134	6.89	.00020	12.9
%RSD	3.9286	.71703	2.3938	.74212	1.5189	.85028	4.4989	.70029

#1	.02522	1884.7	-.05223	.04861	.08841	803.74	-.00419	1834.5
#2	.02388	1877.1	-.05146	.04855	.08978	809.59	-.00456	1837.4
#3	.02339	1858.6	-.05392	.04921	.08709	817.47	-.00450	1858.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05945	-.14138	1689.1	.00947	.11586	1083.5	-.00219	-1.1147
Stddev	.00106	.00223	11.0	.00056	.00169	7.1	.00037	.0117
%RSD	1.7790	1.5775	.65297	5.8941	1.4582	.65191	16.834	1.0525

#1	.05828	-.14036	1697.3	.00919	.11768	1088.4	-.00198	-1.1177
#2	.05975	-.14393	1676.6	.00910	.11557	1075.4	-.00261	-1.1017
#3	.06033	-.13984	1693.5	.01011	.11434	1086.8	-.00197	-1.1246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38688	-.02088	.02653	-.05694	.08701	.0310	-.87417	3.3004
Stddev	.00541	.00402	.00291	.00251	.00086	.0072	.00758	.0347
%RSD	1.3990	19.268	10.963	4.4045	.99001	23.04	.86724	1.0519

#1	.38222	-.02083	.02984	-.05522	.08639	.0388	-.86695	3.3193
#2	.39282	-.02492	.02536	-.05982	.08800	.0247	-.87349	3.3215
#3	.38560	-.01688	.02439	-.05578	.08665	.0297	-.88207	3.2603

Sample Name: LR CHECK 1 Acquired: 4/24/2019 12:27:47 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.5	42290.	4952.2	56.464	2747.4
Stddev	2.3	144.	57.3	.402	3.1
%RSD	.06906	.34030	1.1576	.71260	.11216

#1	3357.8	42322.	4910.1	56.834	2747.2
#2	3361.1	42415.	4929.0	56.036	2750.6
#3	3356.6	42132.	5017.5	56.523	2744.5

Sample Name: LR CHECK 2 Acquired: 4/24/2019 12:32:50 Type: Unk
Method: P4-ICP2(v3068) 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	.00003	-.00398	228.18	.02183	-.02959	-.25894	90.797	-.00144
Stddev	.00239	.00029	1.00	.00047	.00092	.01084	.337	.00003
%RSD	8093.5	7.3065	.44024	2.1672	3.0942	4.1865	.37110	2.0630

#1	.00127	-.00397	228.28	.02214	-.02992	-.25645	90.687	-.00142
#2	.00155	-.00427	227.13	.02128	-.02855	-.27081	90.530	-.00148
#3	-.00272	-.00369	229.14	.02206	-.03029	-.24957	91.176	-.00143

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00568	.21136	-.12918	.00110	249.29	-.87959	41.434	-.17669
Stddev	.00008	.00968	.00069	.00031	1.25	.00440	.135	.02111
%RSD	1.4250	4.5775	.53488	28.045	.50047	.50072	.32590	11.950

#1	-.00576	.22241	-.12941	.00128	250.09	-.87836	41.590	-.16425
#2	-.00567	.20438	-.12841	.00074	247.85	-.87592	41.362	-.16475
#3	-.00560	.20730	-.12974	.00127	249.92	-.88447	41.350	-.20107

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.732	.00825	.50090	-.04482	33.405	1.2369	-.00567	.00367
Stddev	.056	.00038	.00383	.00055	.049	.0304	.00007	.00247
%RSD	.11738	4.6193	.76442	1.2223	.14542	2.4606	1.2501	67.307

#1	47.723	.00802	.49818	-.04476	33.357	1.2707	-.00563	.00119
#2	47.681	.00869	.50528	-.04539	33.454	1.2284	-.00575	.00613
#3	47.792	.00803	.49925	-.04430	33.402	1.2117	-.00563	.00370

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05521	-.00984	-.00021	.01570	-.00736	-2.893	.00247	2.8065
Stddev	.00239	.00234	.00040	.00160	.00198	.030	.00008	.0990
%RSD	4.3226	23.750	189.76	10.173	26.912	1.053	3.0392	3.5264

#1	-.05521	-.00756	-.00032	.01404	-.00600	-2.858	.00254	2.7518
#2	-.05282	-.01223	-.00054	.01722	-.00963	-2.910	.00249	2.7469
#3	-.05760	-.00971	.00023	.01584	-.00645	-2.910	.00239	2.9207

Sample Name: LR CHECK 2 Acquired: 4/24/2019 12:32:50 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .93099
Stddev .13407
%RSD 14.401

#1 1.0463
#2 .78390
#3 .96272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4849.0	63762.	5961.9	74.788	5146.4
Stddev	11.7	209.	44.5	.584	13.6
%RSD	.24110	.32814	.74613	.78098	.26398

#1	4854.4	63583.	5925.9	74.616	5152.6
#2	4857.0	63992.	5948.1	75.439	5155.8
#3	4835.6	63711.	6011.7	74.309	5130.8

Sample Name: K2200-07 Acquired: 4/24/2019 12:41:43 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02448	.00181	.35860	.00392	.00324	121.78	.73817	.01277
Stddev	.00179	.00163	.00220	.00183	.00122	.18	.00647	.00011
%RSD	7.3136	89.565	.61444	46.778	37.826	.15029	.87679	.82829

#1	.02438	.00149	.35941	.00473	.00192	121.73	.73449	.01269
#2	.02632	.00358	.36028	.00182	.00345	121.98	.74564	.01289
#3	.02274	.00038	.35611	.00520	.00434	121.62	.73438	.01273

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	70.382	.26458	.10056	.38688	178.16	4.8912	52.193
Stddev	.00026	.215	.00125	.00068	.00285	.17	.0342	.512
%RSD	13.162	.30480	.47390	.67616	.73734	.09771	.69845	.98183

#1	-.00167	70.135	.26534	.10128	.38846	178.20	4.9268	51.989
#2	-.00206	70.510	.26527	.10045	.38859	178.31	4.8882	52.776
#3	-.00215	70.502	.26313	.09993	.38358	177.97	4.8587	51.815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17603	-.01459	8.4453	.33952	.57544	18.898	.00278	-.03940
Stddev	.00025	.00016	.0710	.00036	.00174	.066	.00008	.00273
%RSD	.14313	1.1247	.84044	.10561	.30256	.34657	2.9717	6.9298

#1	.17630	-.01460	8.3839	.33990	.57451	18.823	.00279	-.03966
#2	.17580	-.01442	8.5230	.33919	.57437	18.924	.00269	-.03655
#3	.17599	-.01475	8.4290	.33946	.57745	18.946	.00285	-.04200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2340	2.3591	.02105	4.5622	.11495	6.506	.10752	<.00000
Stddev	.0139	.0208	.00023	.0088	.00181	.021	.00019	.06149
%RSD	.32804	.88104	1.0785	.19318	1.5712	.3160	.17511	18.558

#1	4.2494	2.3401	.02131	4.5723	.11644	6.529	.10731	-.31556
#2	4.2300	2.3561	.02089	4.5579	.11294	6.497	.10766	-.39919
#3	4.2225	2.3813	.02096	4.5563	.11547	6.491	.10759	-.27929

Sample Name: K2200-07 Acquired: 4/24/2019 12:41:43 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	63.295
Stddev	.835
%RSD	1.3195

#1	63.127
#2	62.557
#3	64.202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5574.6	68591.	6768.7	70.577	4723.3
Stddev	14.7	254.	17.0	.554	9.1
%RSD	.26413	.36979	.25054	.78543	.19330

#1	5557.6	68611.	6762.9	70.074	4715.1
#2	5583.1	68328.	6787.7	71.171	4733.2
#3	5583.1	68834.	6755.3	70.486	4721.7

Sample Name: K2200-09 Acquired: 4/24/2019 12:46:17 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03285	.00333	.67537	.00245	.00409	120.08	.65811	.01368
Stddev	.00292	.00034	.00198	.00333	.00196	.14	.00038	.00018
%RSD	8.8899	10.204	.29324	135.98	48.051	.11650	.05776	1.3251

#1	.03559	.00367	.67585	-.00139	.00356	120.16	.65847	.01387
#2	.03319	.00332	.67707	.00426	.00245	119.92	.65771	.01365
#3	.02978	.00299	.67320	.00448	.00626	120.17	.65814	.01352

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	81.407	.16599	.10824	.36092	193.44	3.3397	38.629
Stddev	.00022	.148	.00058	.00055	.00152	1.53	.0131	.111
%RSD	62.640	.18189	.34994	.51263	.42152	.79214	.39193	.28643

#1	-.00042	81.406	.16652	.10888	.36151	193.23	3.3479	38.626
#2	-.00011	81.556	.16609	.10789	.36205	192.03	3.3246	38.742
#3	-.00053	81.260	.16537	.10795	.35919	195.07	3.3467	38.520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19561	-.01860	11.720	.36531	.72493	9.9160	.00311	-.04214
Stddev	.00107	.00029	.034	.00100	.00113	.0216	.00011	.00471
%RSD	.54704	1.5822	.29222	.27362	.15578	.21809	3.6600	11.182

#1	.19618	-.01867	11.697	.36476	.72398	9.9391	.00300	-.03912
#2	.19627	-.01885	11.704	.36471	.72618	9.9127	.00311	-.03974
#3	.19438	-.01827	11.760	.36646	.72463	9.8962	.00323	-.04757

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6263	2.7655	.03164	3.3906	.10197	F 11.04	.15341	<.00000
Stddev	.0161	.0418	.00069	.0166	.00060	.05	.00266	.04323
%RSD	.34853	1.5118	2.1684	.48931	.58730	.4248	1.7313	1.9181

#1	4.6385	2.7191	.03223	3.4058	.10129	11.08	.15414	-2.2097
#2	4.6324	2.8002	.03089	3.3931	.10220	11.06	.15562	-2.2961
#3	4.6080	2.7771	.03181	3.3729	.10243	10.99	.15047	-2.2558

Sample Name: K2200-09 Acquired: 4/24/2019 12:46:17 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 75.491
 Stddev .177
 %RSD .23474

#1 75.310
 #2 75.664
 #3 75.500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5974.9	73240.	7107.2	69.468	4717.6
Stddev	7.2	137.	22.2	1.861	3.0
%RSD	.11994	.18773	.31203	2.6794	.06393

#1	5976.6	73145.	7090.3	71.032	4717.2
#2	5981.1	73398.	7099.1	67.409	4720.8
#3	5967.0	73177.	7132.3	69.961	4714.8

Sample Name: K2200-11 Acquired: 4/24/2019 12:50:48 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02892	.00191	.21329	.00641	.00303	104.57	.42829	.01289
Stddev	.00226	.00060	.00138	.00177	.00150	2.09	.00816	.00042
%RSD	7.8217	31.541	.64634	27.656	49.417	1.9993	1.9046	3.2519

#1	.02709	.00214	.21216	.00650	.00239	105.46	.43151	.01326
#2	.02821	.00235	.21483	.00814	.00197	106.06	.43435	.01297
#3	.03145	.00122	.21288	.00460	.00475	102.18	.41902	.01243

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	59.552	.15305	.11335	.27693	197.43	2.9590	36.455
Stddev	.00014	.285	.00412	.00061	.00139	.78	.0710	.652
%RSD	13.820	.47808	2.6924	.53508	.50191	.39715	2.4002	1.7877

#1	-.00089	59.665	.15557	.11348	.27665	196.53	3.0026	36.699
#2	-.00116	59.228	.15528	.11269	.27570	197.77	2.9974	36.950
#3	-.00096	59.763	.14829	.11388	.27844	197.98	2.8771	35.717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17266	-.01810	5.8976	.32296	.51893	11.667	.00390	-.04592
Stddev	.00128	.00075	.1172	.00718	.00200	.264	.00026	.01037
%RSD	.73873	4.1571	1.9864	2.2226	.38459	2.2662	6.7613	22.576

#1	.17201	-.01823	5.9504	.32560	.51731	11.745	.00397	-.05567
#2	.17184	-.01878	5.9791	.32844	.52116	11.884	.00413	-.04706
#3	.17413	-.01729	5.7634	.31484	.51834	11.373	.00361	-.03503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9278	2.8108	.01620	3.6995	.09156	9.521	-.03673	<.00000
Stddev	.0359	.0115	.00077	.0137	.00045	.042	.00115	.48127
%RSD	.45307	.40841	4.7833	.37131	.49337	.4375	3.1221	17.859

#1	7.9258	2.8023	.01694	3.6883	.09196	9.516	-.03541	-2.2427
#2	7.8929	2.8063	.01540	3.6955	.09107	9.482	-.03748	-2.6413
#3	7.9647	2.8238	.01625	3.7148	.09163	9.565	-.03730	-3.2007

Sample Name: K2200-11 Acquired: 4/24/2019 12:50:48 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 79.431
 Stddev .887
 %RSD 1.1165

#1 78.473
 #2 80.224
 #3 79.595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6152.9	76716.	7348.9	72.215	4799.4
Stddev	23.1	1479.	47.1	1.851	20.2
%RSD	.37548	1.9279	.64137	2.5631	.42137

#1	6169.9	75851.	7320.4	74.303	4813.4
#2	6126.6	75872.	7403.3	70.778	4776.2
#3	6162.2	78423.	7323.1	71.562	4808.6

Sample Name: K2539-01 Acquired: 4/24/2019 12:55:11 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08108	.00751	1.1516	-.00281	.00590	128.17	1.6045	.01457
Stddev	.00440	.00176	.0040	.00193	.00104	3.06	.0369	.00036
%RSD	5.4328	23.401	.35042	68.606	17.597	2.3839	2.2981	2.4458
#1	.07614	.00760	1.1482	-.00116	.00505	128.85	1.6080	.01462
#2	.08252	.00922	1.1504	-.00234	.00706	130.83	1.6395	.01491
#3	.08458	.00571	1.1560	-.00493	.00560	124.83	1.5660	.01420
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	873.86	.69634	.12846	.58982	187.65	5.3330	158.72
Stddev	.00057	4.41	.01811	.00045	.00246	4.89	.0506	3.88
%RSD	22.512	.50450	2.6013	.35034	.41642	2.6079	.94803	2.4467
#1	.00225	878.82	.70663	.12812	.58803	189.68	5.2774	159.44
#2	.00218	870.39	.70696	.12897	.58881	191.21	5.3762	162.20
#3	.00320	872.37	.67542	.12828	.59262	182.07	5.3453	154.53
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58948	-.01680	10.862	.57988	2.3550	17.494	.02231	.11053
Stddev	.00125	.00082	.258	.01601	.0028	.430	.00020	.01226
%RSD	.21123	4.8638	2.3780	2.7607	.11832	2.4571	.91482	11.088
#1	.58807	-.01739	10.880	.58997	2.3520	17.542	.02208	.10953
#2	.58995	-.01714	11.111	.58824	2.3554	17.899	.02237	.12325
#3	.59043	-.01587	10.596	.56142	2.3575	17.043	.02247	.09880
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.839	.67952	.03966	5.1543	.16982	6.426	1.7043	1.9156
Stddev	.123	.00899	.00064	.0131	.00036	.038	.0089	.5333
%RSD	.36329	1.3232	1.6190	.25416	.21346	.5977	.51983	27.843
#1	33.706	.68981	.04039	5.1623	.17022	6.383	1.7098	2.2920
#2	33.865	.67558	.03918	5.1392	.16976	6.438	1.6940	2.1495
#3	33.947	.67317	.03942	5.1613	.16950	6.457	1.7090	1.3052

Sample Name: K2539-01 Acquired: 4/24/2019 12:55:11 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	68.326
Stddev	.713
%RSD	1.0430

#1	69.148
#2	67.951
#3	67.880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4901.9	61602.	6148.5	64.488	4035.1
Stddev	1.9	1521.	49.5	.880	3.8
%RSD	.03907	2.4689	.80527	1.3642	.09482

#1	4904.0	61040.	6093.1	63.519	4034.0
#2	4901.6	60442.	6188.4	64.710	4031.9
#3	4900.2	63324.	6164.1	65.236	4039.4

Sample Name: K2539-01DUP Acquired: 4/24/2019 12:59:42 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08133	.00542	1.1487	-.00245	.00476	130.24	1.6406	.01485
Stddev	.00247	.00058	.0134	.00162	.00107	.87	.0132	.00033
%RSD	3.0358	10.779	1.1626	66.015	22.435	.66542	.80382	2.2053
#1	.08250	.00606	1.1355	-.00432	.00409	129.48	1.6312	.01494
#2	.07850	.00530	1.1622	-.00163	.00420	131.18	1.6557	.01448
#3	.08301	.00491	1.1483	-.00141	.00599	130.04	1.6349	.01512
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	863.36	.64686	.12826	.58202	189.86	5.2003	159.64
Stddev	.00022	4.78	.00614	.00195	.00742	.22	.0397	1.08
%RSD	10.193	.55395	.94934	1.5221	1.2742	.11727	.76428	.67588
#1	.00191	865.66	.64227	.12607	.57483	189.60	5.1798	158.56
#2	.00234	866.57	.64448	.12981	.58965	189.94	5.2461	160.71
#3	.00220	857.87	.65384	.12891	.58160	190.02	5.1750	159.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58657	-.01615	11.120	.57881	2.3078	17.733	.02220	.10338
Stddev	.00713	.00021	.094	.00322	.0317	.158	.00024	.01013
%RSD	1.2160	1.3188	.84889	.55549	1.3750	.89015	1.1020	9.7988
#1	.57869	-.01596	11.050	.57615	2.2712	17.575	.02192	.11448
#2	.59258	-.01611	11.228	.57791	2.3279	17.890	.02232	.10103
#3	.58845	-.01638	11.084	.58238	2.3244	17.733	.02236	.09464
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.326	.68876	.03951	5.1273	.16641	6.492	1.6993	2.4171
Stddev	.470	.01392	.00054	.0078	.00170	.082	.0102	.2596
%RSD	1.4107	2.0216	1.3677	.15270	1.0186	1.259	.60095	10.742
#1	32.786	.69890	.03911	5.1351	.16794	6.402	1.7047	2.6530
#2	33.553	.69450	.03930	5.1195	.16459	6.560	1.7058	2.4593
#3	33.640	.67288	.04012	5.1272	.16671	6.515	1.6876	2.1389

Sample Name: K2539-01DUP Acquired: 4/24/2019 12:59:42 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	68.519
Stddev	.673
%RSD	.98272

#1	68.893
#2	67.741
#3	68.922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4952.6	61302.	6282.0	66.910	4071.6
Stddev	52.7	201.	36.7	1.500	45.5
%RSD	1.0636	.32864	.58440	2.2420	1.1174

#1	5013.4	61491.	6243.5	65.211	4124.1
#2	4922.4	61090.	6285.9	68.053	4045.8
#3	4922.0	61325.	6316.6	67.466	4044.9

Sample Name: K2539-01LX5 Acquired: 4/24/2019 13:04:14 Type: Unk
Method: P4-ICP2(v3068) 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	.01900	.00223	.23704	.00131	-.00092	27.397	.34458	.00314
Stddev	.00158	.00048	.00152	.00052	.00071	.308	.00418	.00007
%RSD	8.3053	21.383	.64173	40.005	77.223	1.1256	1.2122	2.2907

#1	.02078	.00178	.23599	.00111	-.00036	27.085	.34064	.00306
#2	.01845	.00273	.23878	.00190	-.00171	27.702	.34896	.00318
#3	.01778	.00218	.23635	.00091	-.00068	27.403	.34414	.00319

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	189.38	.14133	.02557	.13657	48.229	1.1979	34.369
Stddev	.00004	7.53	.00094	.00029	.00105	.130	.0004	.380
%RSD	3.5166	3.9765	.66840	1.1310	.76950	.27051	.03390	1.1057

#1	-.00113	180.72	.14196	.02566	.13721	48.175	1.1978	33.972
#2	-.00110	194.39	.14025	.02525	.13714	48.378	1.1983	34.729
#3	-.00118	193.04	.14179	.02580	.13536	48.135	1.1976	34.405

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11736	-.00306	2.3510	.12807	.43566	3.7985	.00503	.03910
Stddev	.00046	.00009	.0394	.00078	.00101	.0379	.00014	.00773
%RSD	.39253	3.0689	1.6775	.61246	.23147	.99695	2.8171	19.763

#1	.11743	-.00295	2.3060	.12852	.43571	3.7559	.00496	.04652
#2	.11779	-.00312	2.3793	.12717	.43664	3.8284	.00493	.03968
#3	.11688	-.00312	2.3678	.12853	.43463	3.8111	.00519	.03110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1687	.15975	.00751	1.1186	.03178	1.235	.36138	2.9272
Stddev	.0428	.01348	.00035	.0398	.00401	.010	.01525	.0716
%RSD	.69435	8.4391	4.6760	3.5589	12.632	.8098	4.2209	2.4454

#1	6.1832	.14577	.00711	1.0743	.02740	1.231	.34391	2.9792
#2	6.2024	.17267	.00771	1.1515	.03528	1.246	.37205	2.9569
#3	6.1205	.16082	.00771	1.1299	.03265	1.228	.36819	2.8456

Sample Name: K2539-01LX5 Acquired: 4/24/2019 13:04:14 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.008
Stddev .209
%RSD 1.3922

#1 14.864
#2 15.248
#3 14.912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4925.9	60728.	6083.0	72.810	4751.6
Stddev	12.4	87.	162.3	2.671	7.2
%RSD	.25259	.14310	2.6688	3.6685	.15131

#1	4924.5	60639.	6270.0	74.733	4749.4
#2	4914.3	60731.	6001.2	73.936	4745.8
#3	4939.0	60812.	5977.8	69.760	4759.7

Sample Name: K2539-01MS Acquired: 4/24/2019 13:08:36 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79352	1.9301	2.0661	1.7847	.15430	135.48	1.6371	.20779
Stddev	.00344	.0098	.0059	.0138	.00258	3.81	.0434	.00663
%RSD	.43410	.50512	.28423	.77191	1.6694	2.8091	2.6523	3.1923
#1	.79743	1.9404	2.0725	1.7995	.15728	139.66	1.6828	.21544
#2	.79221	1.9290	2.0648	1.7821	.15274	134.58	1.6324	.20426
#3	.79093	1.9210	2.0609	1.7723	.15289	132.21	1.5963	.20367
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20119	882.25	.75691	.32175	.83222	185.84	4.4909	174.13
Stddev	.00078	24.31	.02257	.00144	.00284	5.74	.1100	4.46
%RSD	.39009	2.7554	2.9812	.44666	.34120	3.0868	2.4484	2.5642
#1	.20032	887.53	.78278	.32332	.83546	192.44	4.6178	178.98
#2	.20140	903.48	.74664	.32050	.83107	182.04	4.4305	173.20
#3	.20184	855.73	.74130	.32142	.83014	183.04	4.4244	170.20
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0283	.05227	14.200	.79449	2.3624	27.788	.33562	.30438
Stddev	.0059	.00123	.369	.02534	.0001	.792	.00112	.01330
%RSD	.57394	2.3566	2.6010	3.1889	.00417	2.8505	.33280	4.3680
#1	1.0349	.05361	14.593	.82374	2.3624	28.639	.33668	.31723
#2	1.0234	.05118	14.146	.78018	2.3625	27.652	.33574	.30524
#3	1.0266	.05203	13.861	.77954	2.3623	27.072	.33445	.29068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.359	.91524	.66901	5.1449	.34254	F 13.06	1.9581	2.3492
Stddev	.089	.00670	.00474	.1511	.00934	.10	.0594	.4904
%RSD	.25956	.73250	.70798	2.9367	2.7270	.7716	3.0315	20.874
#1	34.452	.91819	.67305	5.1829	.34680	13.16	1.9667	2.9154
#2	34.350	.91996	.67018	5.2733	.34899	13.04	2.0128	2.0697
#3	34.275	.90756	.66380	4.9784	.33182	12.97	1.8950	2.0625

Sample Name: K2539-01MS Acquired: 4/24/2019 13:08:36 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	65.092
Stddev	.299
%RSD	.45870

#1	65.435
#2	64.891
#3	64.950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4958.3	60949.	6300.4	66.451	4013.6
Stddev	12.5	1605.	121.4	.771	7.0
%RSD	.25190	2.6327	1.9270	1.1605	.17509

#1	4959.9	59098.	6243.4	65.569	4013.3
#2	4945.1	61823.	6217.9	66.788	4006.7
#3	4970.0	61928.	6439.8	66.996	4020.8

Sample Name: K2539-01MSD Acquired: 4/24/2019 13:13:02 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77637	1.8938	2.0382	1.7322	.15030	136.43	1.6716	.20394
Stddev	.02720	.0645	.0833	.0511	.00626	.67	.0073	.00044
%RSD	3.5030	3.4088	4.0891	2.9508	4.1640	.49422	.43792	.21649
#1	.79659	1.9356	2.0930	1.7674	.15516	135.93	1.6742	.20431
#2	.74545	1.8194	1.9423	1.6735	.14324	136.17	1.6633	.20406
#3	.78708	1.9263	2.0793	1.7555	.15249	137.20	1.6772	.20345
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19694	880.26	.74352	.31417	.80093	183.03	4.5659	167.35
Stddev	.00865	1.81	.00162	.01290	.02763	.14	.0151	.66
%RSD	4.3927	.20527	.21817	4.1064	3.4498	.07773	.33023	.39443
#1	.20216	878.19	.74390	.32172	.82023	182.94	4.5495	167.06
#2	.18696	881.09	.74174	.29927	.76928	182.96	4.5791	166.87
#3	.20171	881.51	.74491	.32151	.81328	183.20	4.5691	168.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0128	.05131	14.122	.78300	2.3181	27.822	.33020	.32632
Stddev	.0401	.00046	.065	.00032	.0949	.150	.01033	.01495
%RSD	3.9576	.89234	.46022	.04143	4.0919	.53757	3.1286	4.5829
#1	1.0350	.05132	14.141	.78336	2.3738	27.681	.33668	.33179
#2	.96650	.05175	14.050	.78289	2.2086	27.807	.31829	.30940
#3	1.0368	.05084	14.176	.78274	2.3720	27.979	.33563	.33777
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.936	.91249	.65686	5.2477	.34789	F 12.87	1.9862	2.0353
Stddev	1.281	.01646	.02374	.0130	.00038	.49	.0025	.0674
%RSD	3.7755	1.8042	3.6135	.24855	.10809	3.834	.12732	3.3124
#1	34.629	.90097	.66907	5.2335	.34753	13.17	1.9859	2.0570
#2	32.457	.93135	.62950	5.2506	.34828	12.30	1.9889	1.9597
#3	34.721	.90515	.67199	5.2591	.34788	13.13	1.9839	2.0892

Sample Name: K2539-01MSD Acquired: 4/24/2019 13:13:02 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	63.708
Stddev	.623
%RSD	.97854

#1	64.392
#2	63.172
#3	63.561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5051.3	61345.	6296.4	66.631	4080.7
Stddev	140.3	196.	26.4	1.091	138.5
%RSD	2.7766	.31932	.41972	1.6377	3.3931

#1	4949.0	61532.	6315.8	65.410	3992.7
#2	5211.2	61362.	6266.3	66.974	4240.3
#3	4993.8	61141.	6307.1	67.510	4009.1

Sample Name: CCV02 Acquired: 4/24/2019 13:17:29 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14882 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9137	4.9576	4.8871	4.9313	4.9333	9.9057	10.042	.24847
Stddev	.0013	.0098	.0068	.0142	.0117	.0255	.061	.00118
%RSD	.02709	.19668	.13871	.28797	.23623	.25694	.61122	.47400
#1	4.9142	4.9681	4.8821	4.9314	4.9270	9.9001	9.9712	.24928
#2	4.9147	4.9560	4.8948	4.9454	4.9468	9.9335	10.079	.24902
#3	4.9122	4.9488	4.8843	4.9170	4.9263	9.8835	10.076	.24712
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4358	24.581	.98334	2.4517	1.2381	4.9246	2.4856	24.746
Stddev	.0007	.117	.00154	.0027	.0008	.0081	.0008	.128
%RSD	.02921	.47797	.15633	.11071	.06292	.16376	.03112	.51594
#1	2.4353	24.446	.98443	2.4489	1.2387	4.9198	2.4862	24.601
#2	2.4366	24.656	.98400	2.4544	1.2384	4.9339	2.4858	24.839
#3	2.4355	24.641	.98158	2.4516	1.2372	4.9200	2.4847	24.800
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4435	1.2276	24.899	2.4601	2.4458	24.462	4.9461	4.9163
Stddev	.0013	.0015	.208	.0020	.0005	.099	.0059	.0169
%RSD	.05173	.12051	.83485	.08076	.02208	.40620	.11863	.34298
#1	2.4440	1.2292	24.663	2.4598	2.4457	24.348	4.9439	4.9073
#2	2.4421	1.2264	24.983	2.4583	2.4464	24.531	4.9528	4.9059
#3	2.4445	1.2271	25.052	2.4622	2.4454	24.507	4.9416	4.9358
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8470	4.7025	4.8737	4.9123	4.8173	4.945	4.9652	F 3.1446
Stddev	.0156	.0096	.0041	.0173	.0074	.011	.0236	.1226
%RSD	.32228	.20385	.08459	.35205	.15455	.2187	.47579	3.8980
#1	4.8628	4.7098	4.8783	4.8942	4.8125	4.952	4.9412	3.0453
#2	4.8464	4.6916	4.8704	4.9140	4.8136	4.951	4.9660	3.2816
#3	4.8316	4.7061	4.8725	4.9286	4.8259	4.933	4.9884	3.1069

Sample Name: CCV02 Acquired: 4/24/2019 13:17:29 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14882 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3398
Stddev .1852
%RSD 7.9157

#1 2.1347
#2 2.4949
#3 2.3897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4899.8	59788.	5742.0	72.101	4854.5
Stddev	4.1	72.	15.2	.615	4.3
%RSD	.08306	.12091	.26397	.85321	.08805

#1	4904.5	59865.	5732.9	72.725	4858.4
#2	4897.8	59777.	5759.5	71.496	4855.2
#3	4897.2	59722.	5733.6	72.082	4850.0

Sample Name: CCB02 Acquired: 4/24/2019 13:21:27 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14882 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00094	.00201	-.00001	.00050	-.01325	.00129
Stddev	.00219	.00020	.00066	.00094	.00017	.00525	.00040
%RSD	2003.0	20.860	32.924	8989.9	33.425	39.610	31.191

#1	-.00082	.00108	.00272	.00102	.00047	-.01542	.00109
#2	.00235	.00072	.00190	-.00081	.00035	-.01706	.00175
#3	-.00186	.00102	.00141	-.00024	.00068	-.00726	.00103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00000	.00637	-.00025	-.00009	-.00020	.00004
Stddev	.00002	.00007	.00859	.00031	.00007	.00013	.00037
%RSD	26.703	1830.4	134.87	124.41	72.893	66.443	875.31

#1	.00008	.00006	.01599	-.00051	-.00017	-.00006	.00047
#2	.00006	-.00007	.00364	.00009	-.00006	-.00033	-.00013
#3	.00010	.00002	-.00052	-.00032	-.00005	-.00021	-.00021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.02746	.00084	.00034	.01371	-.00016	.00015
Stddev	.00007	.03693	.00025	.00051	.01078	.00032	.00002
%RSD	86.256	134.48	29.538	150.32	78.659	195.49	15.858

#1	.00015	-.01597	.00071	-.00002	.00458	-.00052	.00014
#2	.00006	-.06877	.00068	.00093	.01093	.00008	.00018
#3	.00002	.00235	.00113	.00012	.02560	-.00004	.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13028	.00034	.01818	F -.04556	-.00124	-.00036	-.00317
Stddev	.00914	.00007	.01057	.00069	.00150	.00026	.00132
%RSD	7.0189	19.928	58.145	1.5136	120.86	70.883	41.689

#1	.13804	.00042	.02956	-.04593	.00006	-.00009	-.00399
#2	.12020	.00029	.00865	-.04599	-.00288	-.00060	-.00164
#3	.13259	.00032	.01634	-.04477	-.00091	-.00041	-.00387

Sample Name: CCB02 Acquired: 4/24/2019 13:21:27 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14882 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	-.0007	.00005	F 2.0238	F .29302
Stddev	.00083	.0007	.00006	.1701	.24699
%RSD	28.096	103.2	126.96	8.4065	84.291
#1	-.00300	-.0015	.00000	1.9366	.54749
#2	-.00212	-.0004	.00012	2.2199	.27733
#3	-.00378	-.0002	.00002	1.9150	.05425
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5149.7	63446.	5777.6	75.023	5575.2
Stddev	21.3	163.	57.7	.270	19.5
%RSD	.41333	.25750	.99914	.35922	.35041
#1	5147.3	63345.	5720.3	74.725	5572.5
#2	5129.8	63358.	5776.8	75.093	5557.2
#3	5172.1	63635.	5835.8	75.250	5596.0

Sample Name: K2539-01A Acquired: 4/24/2019 13:25:56 Type: Unk
Method: P4-ICP2(v3068) 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	.78196	1.9269	2.0606	1.7380	.15161	132.64	1.6103	.20132
Stddev	.00524	.0073	.0076	.0070	.00355	.18	.0078	.00040
%RSD	.66982	.38092	.36724	.40587	2.3427	.13649	.48274	.20056
#1	.78432	1.9352	2.0691	1.7451	.15564	132.62	1.6053	.20103
#2	.77596	1.9212	2.0583	1.7378	.14895	132.48	1.6064	.20115
#3	.78561	1.9244	2.0544	1.7310	.15023	132.84	1.6193	.20178
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19865	881.52	.73749	.31909	.82284	182.00	4.4472	166.89
Stddev	.00051	3.96	.00147	.00065	.00272	1.10	.0024	.51
%RSD	.25647	.44905	.19911	.20454	.33088	.60425	.05383	.30537
#1	.19924	880.86	.73606	.31951	.82579	183.16	4.4484	166.46
#2	.19832	877.93	.73742	.31833	.82043	181.89	4.4489	166.75
#3	.19840	885.76	.73900	.31941	.82229	180.97	4.4445	167.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0276	.05014	13.758	.78192	2.3441	27.309	.33567	.30619
Stddev	.0024	.00040	.062	.00293	.0020	.136	.00117	.01205
%RSD	.23192	.79976	.45377	.37483	.08406	.49784	.34933	3.9344
#1	1.0297	.05032	13.707	.77872	2.3432	27.152	.33667	.31164
#2	1.0250	.04968	13.740	.78448	2.3464	27.381	.33438	.31455
#3	1.0282	.05042	13.828	.78255	2.3427	27.394	.33596	.29239
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.086	.92174	.67585	5.1770	.34800	F 13.01	1.9602	2.2579
Stddev	.131	.00875	.00155	.0171	.00178	.09	.0089	.1802
%RSD	.38351	.94982	.22892	.33095	.51282	.6841	.45320	7.9791
#1	34.136	.93142	.67707	5.1634	.34950	13.10	1.9654	2.0983
#2	34.184	.91943	.67638	5.1713	.34848	13.00	1.9499	2.4533
#3	33.937	.91437	.67411	5.1962	.34603	12.92	1.9652	2.2220

Sample Name: K2539-01A Acquired: 4/24/2019 13:25:56 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	64.840
Stddev	.320
%RSD	.49375

#1	64.593
#2	64.726
#3	65.202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4985.3	61816.	6204.7	66.074	4015.7
Stddev	9.8	135.	30.6	1.226	7.5
%RSD	.19602	.21898	.49280	1.8558	.18794

#1	4994.2	61713.	6172.1	66.728	4024.0
#2	4986.8	61970.	6232.8	66.835	4009.2
#3	4974.8	61766.	6209.2	64.660	4013.9

Sample Name: K2539-03 Acquired: 4/24/2019 13:30:23 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00058	.00058	.00095	-.00154	-.01076	.00128	.00005
Stddev	.00066	.00067	.00049	.00143	.00126	.00537	.00036	.00007
%RSD	52.935	116.69	84.825	150.21	82.283	49.920	28.236	152.87

#1	.00179	.00074	.00052	.00231	-.00114	-.01686	.00169	-.00000
#2	.00145	-.00016	.00110	.00109	-.00295	-.00872	.00102	.00002
#3	.00051	.00115	.00012	-.00054	-.00052	-.00671	.00112	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01478	-.00014	-.00024	.00000	.00147	.00002	-.04555
Stddev	.00002	.00981	.00018	.00011	.00005	.00075	.00003	.02676
%RSD	50.435	66.386	129.43	45.508	1190.7	50.876	154.03	58.758

#1	-.00002	.02537	-.00011	-.00034	-.00004	.00232	-.00001	-.06187
#2	-.00006	.01296	-.00033	-.00027	-.00000	.00093	.00005	-.01466
#3	-.00004	.00600	.00002	-.00012	.00006	.00115	.00002	-.06012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00028	-.00253	.00027	-.00017	.11053	-.00001	.00421
Stddev	.00012	.00016	.00742	.00018	.00010	.05146	.00008	.00500
%RSD	17.802	58.134	293.46	66.146	58.704	46.554	537.63	118.72

#1	.00056	.00043	-.01107	.00041	-.00006	.07045	.00008	.00899
#2	.00063	.00029	.00128	.00032	-.00021	.16856	-.00006	-.00098
#3	.00079	.00011	.00221	.00007	-.00025	.09258	-.00006	.00463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04355	-.00107	-.00084	-.00086	-.00494	.0004	.00004	2.5895
Stddev	.00221	.00110	.00030	.00113	.00148	.0007	.00003	.1372
%RSD	5.0630	103.53	35.973	131.96	29.913	192.4	74.819	5.2989

#1	-.04183	-.00005	-.00050	.00004	-.00606	.0009	.00006	2.6279
#2	-.04604	-.00224	-.00107	-.00213	-.00549	-.0004	.00001	2.4372
#3	-.04279	-.00090	-.00094	-.00048	-.00326	.0006	.00006	2.7034

Sample Name: K2539-03 Acquired: 4/24/2019 13:30:23 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .28824
 %RSD 356.33

#1 -.27993
 #2 .24964
 #3 -.21238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5157.5	63854.	5892.1	76.605	5580.7
Stddev	23.2	176.	38.0	.439	29.5
%RSD	.44909	.27526	.64443	.57246	.52817

#1	5131.6	64002.	5858.4	77.102	5546.8
#2	5176.3	63901.	5884.8	76.275	5599.8
#3	5164.5	63660.	5933.3	76.436	5595.6

Sample Name: K1926-03 Acquired: 4/19/2019 15:27:43 Type: Unk
Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP-MUCK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08979	-.00171	.30137	.04560	.02038	150.59	2.6369
Stddev	.00180	.00205	.00362	.00210	.00098	.48	.0111
%RSD	2.0077	120.01	1.2025	4.6010	4.8157	.31610	.42088

#1	.09175	.00060	.30510	.04322	.01930	150.82	2.6465
#2	.08941	-.00331	.30113	.04719	.02064	150.91	2.6395
#3	.08821	-.00242	.29787	.04639	.02121	150.04	2.6248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01888	.00879	1475.3	.39677	.15252	1.3341	279.87
Stddev	.00030	.00005	9.9	.00071	.00072	.0034	.78
%RSD	1.5785	.55877	.67268	.17953	.47081	.25714	.27724

#1	.01905	.00876	1463.8	.39754	.15228	1.3309	279.67
#2	.01906	.00877	1481.2	.39661	.15195	1.3377	280.73
#3	.01854	.00885	1480.9	.39614	.15333	1.3338	279.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.238	184.61	.30426	-.01449	14.590	.31661	7.0393
Stddev	.112	.05	.00072	.00017	.043	.00170	.0097
%RSD	.29962	.02813	.23503	1.2037	.29138	.53687	.13801

#1	37.275	184.56	.30455	-.01463	14.616	.31845	7.0366
#2	37.326	184.66	.30478	-.01429	14.613	.31510	7.0312
#3	37.112	184.61	.30344	-.01453	14.541	.31627	7.0500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.064	.02970	.31723	F 29.116	7.9164	.07437	7.0451
Stddev	.019	.00030	.00473	.036	.0270	.00107	.0077
%RSD	.08592	1.0178	1.4921	.12398	.34103	1.4388	.10920

#1	22.046	.02955	.31298	29.118	7.8915	.07316	7.0410
#2	22.084	.03005	.31637	29.078	7.9125	.07520	7.0402
#3	22.061	.02950	.32233	29.150	7.9451	.07475	7.0539

Sample Name: K1926-03 Acquired: 4/19/2019 15:27:43 Type: Unk
 Method: P4-ICP2(v3058) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMP-MUCK Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20659	9.565	4.0693	4.1753	F<.00000
Stddev	.00158	.010	.0057	.1758	1.3310
%RSD	.76367	.1083	.14091	4.2102	3.1803

#1	.20618	9.571	4.0630	4.3776	-43.388
#2	.20525	9.553	4.0742	4.0599	-41.072
#3	.20833	9.570	4.0708	4.0884	-41.093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.5	51568.	6031.9	61.886	3306.9
Stddev	3.7	90.	13.2	.775	7.2
%RSD	.09369	.17390	.21863	1.2522	.21803

#1	3971.0	51476.	6040.6	61.139	3304.3
#2	3973.9	51573.	6038.3	61.833	3315.0
#3	3966.5	51655.	6016.7	62.686	3301.3

Sample Name: K2482-01 Acquired: 4/19/2019 21:27:35 Type: Unk
Method: P4-ICP2(v3058) 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	.34308	.01514	.68894	.01876	.02731	368.45	1.1833
Stddev	.00208	.00093	.00142	.00234	.00273	1.55	.0048
%RSD	.60552	6.1576	.20642	12.464	10.016	.42106	.40433

#1	.34366	.01621	.68887	.01803	.02582	367.03	1.1777
#2	.34078	.01450	.69040	.02137	.03046	368.21	1.1862
#3	.34481	.01471	.68755	.01687	.02564	370.10	1.1859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04586	.05938	163.56	.93260	.19546	.32882	430.78
Stddev	.00018	.00031	.46	.00009	.00048	.00010	2.02
%RSD	.39009	.52797	.28424	.01000	.24572	.03069	.46962

#1	.04583	.05903	163.02	.93256	.19542	.32876	433.05
#2	.04569	.05949	163.87	.93253	.19500	.32894	430.14
#3	.04605	.05963	163.77	.93270	.19596	.32876	429.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1289	58.271	.36159	-.07632	113.57	1.2852	2.2210
Stddev	.0007	.284	.00097	.00061	.45	.0029	.0026
%RSD	.02154	.48772	.26864	.80308	.39335	.22222	.11582

#1	3.1286	57.996	.36252	-.07569	113.06	1.2874	2.2236
#2	3.1284	58.252	.36168	-.07636	113.78	1.2863	2.2209
#3	3.1296	58.564	.36058	-.07691	113.87	1.2820	2.2184

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.051	.02242	5.0386	F 46.408	F 77.154	.02526	2.6080
Stddev	.217	.00037	.0229	.079	.096	.00134	.0078
%RSD	.32828	1.6454	.45494	.17045	.12402	5.3048	.30042

#1	65.830	.02249	5.0181	46.497	77.263	.02678	2.6031
#2	66.058	.02203	5.0634	46.382	77.084	.02475	2.6039
#3	66.264	.02276	5.0343	46.345	77.114	.02425	2.6171

Sample Name: K2482-01 Acquired: 4/19/2019 21:27:35 Type: Unk
Method: P4-ICP2(v3058) 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	.20790	F 20.15	.51991	<.00000	F<.00000
Stddev	.00043	.05	.00534	.29427	1.1126
%RSD	.20835	.2528	1.0263	3.3857	.20192
#1	.20830	20.21	.51375	-8.3521	-552.25
#2	.20744	20.15	.52297	-8.8470	-550.08
#3	.20795	20.10	.52301	-8.8755	-550.73
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5601.2	73274.	8298.8	65.471	3562.4
Stddev	17.3	295.	44.3	1.431	4.9
%RSD	.30869	.40266	.53387	2.1862	.13816
#1	5584.7	72950.	8250.9	63.881	3558.4
#2	5599.8	73347.	8307.1	66.658	3560.8
#3	5619.2	73526.	8338.3	65.873	3567.9

Sample Name: PB119162BS Acquired: 4/24/2019 13:37:13 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119162BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68082	1.7912	.87776	1.7421	.69110	1.7230	.18096
Stddev	.00393	.0056	.00300	.0069	.00320	.0190	.00150
%RSD	.57786	.31172	.34133	.39453	.46355	1.1020	.82970
#1	.68533	1.7977	.87903	1.7491	.69480	1.7345	.17985
#2	.67812	1.7878	.87991	1.7418	.68932	1.7011	.18035
#3	.67900	1.7882	.87433	1.7353	.68919	1.7335	.18266
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17269	.17081	.94405	.37085	.17859	.28056	2.8006
Stddev	.00037	.00081	.00765	.00107	.00049	.00115	.0041
%RSD	.21424	.47578	.81016	.28852	.27574	.41087	.14754
#1	.17278	.17142	.94127	.37029	.17896	.28127	2.7994
#2	.17228	.17113	.93818	.37018	.17877	.28119	2.7973
#3	.17301	.16989	.95270	.37209	.17803	.27923	2.8052
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18941	1.7535	.44119	.06321	2.7158	.27796	.16957
Stddev	.00013	.0013	.00177	.00032	.0189	.00087	.00048
%RSD	.06719	.07514	.40042	.51262	.69701	.31151	.28245
#1	.18939	1.7540	.44276	.06288	2.7075	.27768	.16999
#2	.18930	1.7544	.44152	.06352	2.7024	.27894	.16967
#3	.18955	1.7520	.43928	.06324	2.7374	.27728	.16905
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7039	.35969	.25661	F -.05111	.76519	.57520	.17393
Stddev	.0474	.00093	.00812	.00167	.00310	.00096	.00088
%RSD	.54491	.25806	3.1646	3.2714	.40455	.16647	.50602
#1	8.7075	.36057	.26463	-.04973	.76162	.57631	.17388
#2	8.6548	.35979	.24839	-.05063	.76712	.57465	.17307
#3	8.7494	.35872	.25682	-.05297	.76683	.57465	.17483

Sample Name: PB119162BS Acquired: 4/24/2019 13:37:13 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119162BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17350	F 4.705	.18145	F 2.5836	F<.00000
Stddev	.00159	.020	.00060	.1871	.45045
%RSD	.91354	.4211	.33112	7.2422	96.379
#1	.17288	4.728	.18129	2.5814	-.91856
#2	.17530	4.690	.18211	2.7717	-.01765
#3	.17232	4.697	.18094	2.3975	-.46592
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5119.8	63614.	5813.2	74.235	5433.4
Stddev	2.5	107.	30.1	2.075	1.8
%RSD	.04889	.16799	.51803	2.7949	.03222
#1	5118.5	63589.	5805.9	71.841	5434.8
#2	5118.2	63731.	5787.5	75.514	5431.5
#3	5122.7	63522.	5846.4	75.350	5434.0

Sample Name: K2539-03 Acquired: 4/24/2019 13:41:18 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07077	.00442	1.0380	-.00582	.00545	119.01	1.4024	.01680
Stddev	.00196	.00153	.0040	.00091	.00287	.60	.0043	.00012
%RSD	2.7674	34.548	.38964	15.675	52.574	.50077	.30359	.69851
#1	.06972	.00575	1.0427	-.00678	.00871	119.61	1.4046	.01684
#2	.06956	.00476	1.0357	-.00497	.00433	119.01	1.4050	.01667
#3	.07303	.00275	1.0357	-.00571	.00332	118.42	1.3975	.01690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	958.13	.39521	.11739	.53681	173.55	4.1162	227.86
Stddev	.00029	9.24	.00231	.00020	.00076	1.25	.0062	.53
%RSD	8.1652	.96486	.58332	.17170	.14097	.71792	.14935	.23222
#1	.00332	965.43	.39639	.11738	.53651	174.38	4.1148	227.82
#2	.00336	961.22	.39255	.11718	.53767	174.16	4.1229	228.41
#3	.00384	947.73	.39667	.11759	.53624	172.12	4.1109	227.35
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52788	-.01638	11.862	.56231	3.0641	16.238	.02271	.03739
Stddev	.00209	.00048	.033	.00107	.0044	.015	.00035	.00464
%RSD	.39524	2.9093	.27517	.19007	.14363	.09291	1.5281	12.423
#1	.52857	-.01623	11.882	.56254	3.0596	16.256	.02242	.03838
#2	.52954	-.01600	11.880	.56115	3.0641	16.231	.02309	.03232
#3	.52554	-.01692	11.824	.56325	3.0684	16.229	.02262	.04145
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.045	.97124	.05109	4.7712	.15457	6.187	1.6229	1.3442
Stddev	.154	.00811	.00100	.0063	.00016	.025	.0075	.0685
%RSD	.42589	.83512	1.9632	.13241	.10303	.3987	.46334	5.0972
#1	35.869	.96453	.05225	4.7684	.15471	6.165	1.6315	1.2678
#2	36.147	.98026	.05056	4.7784	.15440	6.214	1.6177	1.4001
#3	36.120	.96893	.05047	4.7668	.15461	6.182	1.6195	1.3649

Sample Name: K2539-03 Acquired: 4/24/2019 13:41:18 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-006 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.560
Stddev	.899
%RSD	1.3305

#1	66.527
#2	67.995
#3	68.159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5191.7	64947.	6740.7	65.630	3946.0
Stddev	9.7	352.	43.4	.790	3.3
%RSD	.18594	.54176	.64334	1.2035	.08336

#1	5188.6	64638.	6691.5	65.681	3947.2
#2	5202.6	64873.	6757.4	64.815	3948.5
#3	5184.0	65330.	6773.3	66.393	3942.3

Sample Name: K2540-03 Acquired: 4/24/2019 13:50:24 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07724	.00888	1.0488	-.00586	.00962	125.34	1.5437	.01862
Stddev	.00107	.00241	.0095	.00224	.00131	.43	.0047	.00036
%RSD	1.3910	27.192	.90942	38.305	13.673	.34431	.30346	1.9265
#1	.07625	.00794	1.0598	-.00634	.01085	125.34	1.5410	.01828
#2	.07838	.01162	1.0432	-.00341	.00977	125.77	1.5491	.01860
#3	.07709	.00707	1.0433	-.00782	.00823	124.90	1.5410	.01900
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	881.30	.58477	.12443	.92356	263.68	5.0270	157.71
Stddev	.00056	4.90	.00159	.00111	.00431	.72	.0167	.18
%RSD	19.086	.55619	.27184	.89229	.46621	.27393	.33157	.11441
#1	.00346	876.30	.58345	.12570	.92833	264.00	5.0105	157.72
#2	.00235	886.10	.58654	.12391	.92240	264.19	5.0438	157.53
#3	.00298	881.50	.58432	.12367	.91995	262.85	5.0265	157.89
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73092	-.02948	10.300	.52597	2.1072	16.671	.04993	-.05092
Stddev	.00847	.00041	.045	.00310	.0090	.093	.00020	.00458
%RSD	1.1589	1.4065	.43941	.59005	.42657	.55661	.41053	8.9958
#1	.74069	-.02900	10.283	.52285	2.1173	16.663	.05007	-.05133
#2	.72576	-.02970	10.352	.52906	2.1002	16.767	.05001	-.04616
#3	.72630	-.02973	10.266	.52599	2.1040	16.582	.04969	-.05529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.714	.91098	.05461	4.6414	.16723	7.257	1.6307	.88642
Stddev	.069	.01050	.00113	.0144	.00118	.067	.0117	.14176
%RSD	.20567	1.1523	2.0674	.31017	.70552	.9243	.71843	15.992
#1	33.794	.89886	.05568	4.6263	.16628	7.334	1.6225	1.0245
#2	33.675	.91675	.05472	4.6430	.16855	7.218	1.6441	.89346
#3	33.674	.91733	.05343	4.6549	.16687	7.218	1.6255	.74127

Sample Name: K2540-03 Acquired: 4/24/2019 13:50:24 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 96.708
Stddev	.760
%RSD	.78603

#1	95.840
#2	97.252
#3	97.033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4988.5	61477.	6305.4	64.573	4064.6
Stddev	14.2	152.	29.3	.941	16.2
%RSD	.28468	.24684	.46439	1.4579	.39854

#1	4972.1	61415.	6322.6	63.846	4046.0
#2	4996.7	61366.	6271.6	64.236	4075.7
#3	4996.6	61650.	6322.1	65.636	4072.0

Sample Name: K2542-03 Acquired: 4/24/2019 13:54:55 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03395	.00957	.40175	-.00161	.00622	159.65	.89153	.02056
Stddev	.00255	.00048	.00219	.00302	.00181	.48	.00062	.00015
%RSD	7.5048	5.0206	.54525	187.39	29.102	.29919	.06933	.71671
#1	.03519	.00986	.40426	.00167	.00484	160.18	.89224	.02041
#2	.03102	.00982	.40079	-.00427	.00556	159.51	.89116	.02071
#3	.03564	.00901	.40020	-.00224	.00827	159.25	.89118	.02057
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	23.326	.21477	.15866	.24215	264.55	9.3302	47.337
Stddev	.00035	.104	.00021	.00091	.00106	.55	.0562	.173
%RSD	49.971	.44454	.09951	.57557	.43780	.20960	.60200	.36595
#1	.00068	23.422	.21499	.15965	.24337	265.05	9.2701	47.302
#2	.00105	23.340	.21473	.15848	.24152	263.95	9.3393	47.183
#3	.00035	23.216	.21457	.15786	.24155	264.65	9.3813	47.525
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22865	-.02973	4.1778	.60352	.73725	6.5836	.00304	-.13175
Stddev	.00078	.00057	.0081	.00230	.00080	.0106	.00028	.01756
%RSD	.34030	1.9219	.19460	.38190	.10915	.16044	9.1737	13.328
#1	.22933	-.02925	4.1804	.60090	.73757	6.5807	.00321	-.15125
#2	.22882	-.02957	4.1687	.60525	.73785	6.5747	.00272	-.12682
#3	.22780	-.03036	4.1844	.60440	.73634	6.5953	.00318	-.11718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0566	2.1928	.01261	2.8925	.19468	6.010	-.18127	<.00000
Stddev	.0079	.0354	.00074	.0040	.00191	.023	.00058	.19020
%RSD	.74381	1.6132	5.8402	.13699	.98056	.3808	.31929	11.012
#1	1.0657	2.1825	.01325	2.8966	.19685	6.035	-.18171	-1.5235
#2	1.0517	2.2322	.01279	2.8923	.19394	5.990	-.18061	-1.7581
#3	1.0525	2.1637	.01180	2.8887	.19326	6.004	-.18148	-1.9001

Sample Name: K2542-03 Acquired: 4/24/2019 13:54:55 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 104.39
Stddev .56
%RSD .53211

#1 103.76
#2 104.81
#3 104.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5882.4	72062.	6998.5	71.319	4795.9
Stddev	6.1	28.	26.3	.910	9.8
%RSD	.10289	.03937	.37561	1.2758	.20423

#1	5880.8	72095.	6997.1	72.117	4790.9
#2	5877.3	72047.	6972.9	71.513	4789.7
#3	5889.1	72045.	7025.4	70.328	4807.2

Sample Name: K2542-07 Acquired: 4/24/2019 13:59:29 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.04030	.01202	.13800	-.00035	.00847	221.77	.65994	.02229
Stddev	.00081	.00145	.00019	.00304	.00097	1.37	.00633	.00004
%RSD	2.0012	12.031	.13969	875.65	11.400	.61849	.95867	.18703
#1	.03951	.01062	.13822	-.00297	.00757	222.18	.66159	.02230
#2	.04112	.01350	.13787	.00299	.00836	222.89	.66528	.02225
#3	.04025	.01193	.13791	-.00106	.00949	220.24	.65295	.02233
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	11.304	.19560	.12832	.23094	272.41	5.5359	56.953
Stddev	.00031	.107	.00167	.00077	.00097	1.78	.0725	.701
%RSD	10.065	.94325	.85173	.60327	.41967	.65381	1.3095	1.2302
#1	-.00272	11.248	.19656	.12766	.23141	270.42	5.5920	56.939
#2	-.00327	11.427	.19657	.12812	.23157	273.86	5.5616	57.661
#3	-.00323	11.237	.19368	.12917	.22982	272.94	5.4541	56.260
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23074	-.03003	1.9384	.40640	.74106	5.7904	.00130	-.12543
Stddev	.00026	.00097	.0169	.00267	.00097	.0457	.00029	.00686
%RSD	.11117	3.2255	.87258	.65662	.13086	.78857	22.678	5.4661
#1	.23071	-.03094	1.9398	.40867	.74013	5.7944	.00098	-.13182
#2	.23051	-.03013	1.9545	.40707	.74100	5.8339	.00136	-.11819
#3	.23102	-.02901	1.9208	.40346	.74206	5.7428	.00155	-.12628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71922	4.0175	.01805	2.0914	.19601	9.551	-.22307	<.00000
Stddev	.00398	.1088	.00007	.0091	.00183	.014	.00186	.06570
%RSD	.55348	2.7073	.37619	.43624	.93299	.1418	.83489	16.749
#1	.72379	4.0135	.01798	2.0811	.19568	9.538	-.22101	-.37239
#2	.71656	3.9107	.01811	2.0946	.19437	9.549	-.22463	-.46557
#3	.71730	4.1282	.01806	2.0984	.19799	9.565	-.22358	-.33876

Sample Name: K2542-07 Acquired: 4/24/2019 13:59:29 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 101.20
 Stddev .67
 %RSD .66142

#1 101.95
 #2 100.99
 #3 100.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5635.6	68718.	6670.6	71.838	4805.5
Stddev	4.5	524.	23.4	1.215	3.4
%RSD	.07984	.76192	.35062	1.6914	.07100

#1	5633.4	68625.	6694.4	70.534	4807.1
#2	5632.6	68247.	6647.6	72.042	4801.6
#3	5640.7	69282.	6669.9	72.938	4807.8

Sample Name: K2542-11 Acquired: 4/24/2019 14:04:02 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03258	.00929	.20682	.00328	.00530	149.39	.54876	.01611
Stddev	.00059	.00053	.00067	.00285	.00100	1.31	.00592	.00019
%RSD	1.8255	5.6799	.32266	87.147	18.838	.87893	1.0781	1.2024

#1	.03245	.00920	.20717	.00316	.00518	150.22	.54867	.01616
#2	.03323	.00881	.20605	.00619	.00635	150.07	.55472	.01589
#3	.03207	.00985	.20724	.00048	.00436	147.87	.54289	.01627

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	13.656	.17192	.10476	.23688	221.67	4.0041	44.608
Stddev	.00024	.663	.00062	.00016	.00089	.94	.0089	.472
%RSD	8.9298	4.8539	.35856	.15262	.37643	.42385	.22354	1.0590

#1	-.00246	13.974	.17241	.10477	.23675	220.88	4.0110	44.672
#2	-.00270	14.100	.17123	.10460	.23784	221.43	4.0073	45.045
#3	-.00295	12.894	.17213	.10491	.23607	222.71	3.9940	44.106

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19615	-.02107	2.4755	.34970	.75067	6.2257	.00136	-.07920
Stddev	.00046	.00044	.0227	.00051	.00059	.0754	.00019	.01657
%RSD	.23387	2.0824	.91653	.14564	.07909	1.2109	13.730	20.920

#1	.19570	-.02113	2.4705	.34934	.75027	6.2517	.00142	-.07838
#2	.19613	-.02147	2.5003	.34948	.75135	6.2846	.00150	-.09617
#3	.19662	-.02060	2.4557	.35028	.75038	6.1407	.00115	-.06306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6969	3.8800	.01236	1.9945	.15601	8.653	-.19300	<.00000
Stddev	.0043	.1284	.00112	.0918	.00736	.033	.00325	.16232
%RSD	.25147	3.3104	9.0408	4.6013	4.7171	.3797	1.6832	40.990

#1	1.7011	3.9646	.01213	2.0509	.16209	8.658	-.19076	-.40003
#2	1.6926	3.9431	.01357	2.0440	.15812	8.617	-.19151	-.55627
#3	1.6971	3.7322	.01137	1.8886	.14783	8.682	-.19672	-.23171

Sample Name: K2542-11 Acquired: 4/24/2019 14:04:02 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	82.590
Stddev	.378
%RSD	.45768

#1	82.375
#2	82.368
#3	83.026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5717.2	69957.	7028.3	75.927	4877.1
Stddev	8.3	183.	286.6	3.180	3.1
%RSD	.14572	.26096	4.0778	4.1886	.06284

#1	5716.4	69747.	6841.6	74.275	4876.8
#2	5709.3	70082.	6885.0	73.912	4874.3
#3	5725.9	70041.	7358.3	79.593	4880.4

Sample Name: K2542-15 Acquired: 4/24/2019 14:08:35 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04354	.00989	.14029	-.00144	.00785	162.16	.39945	.01908
Stddev	.00085	.00088	.00017	.00132	.00088	.42	.00127	.00014
%RSD	1.9449	8.9408	.11986	91.809	11.172	.26130	.31884	.75704

#1	.04451	.01080	.14029	-.00093	.00875	161.98	.39872	.01916
#2	.04294	.00984	.14012	-.00295	.00700	161.86	.39870	.01891
#3	.04319	.00904	.14046	-.00045	.00781	162.65	.40092	.01916

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	12.369	.15652	.11414	.26465	248.23	5.6618	58.852
Stddev	.00020	.051	.00112	.00085	.00163	.61	.0095	.123
%RSD	10.180	.41426	.71573	.74512	.61571	.24460	.16753	.20816

#1	-.00223	12.342	.15538	.11339	.26498	248.38	5.6683	58.725
#2	-.00187	12.428	.15657	.11506	.26610	248.74	5.6509	58.861
#3	-.00190	12.338	.15762	.11397	.26289	247.56	5.6661	58.970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23490	-.02584	1.4117	.30373	.70062	6.1211	.00225	-.10070
Stddev	.00149	.00040	.0107	.00145	.00297	.0163	.00011	.00324
%RSD	.63600	1.5548	.76109	.47892	.42401	.26598	5.0795	3.2210

#1	.23495	-.02589	1.4122	.30293	.69956	6.1069	.00238	-.09717
#2	.23637	-.02622	1.4007	.30541	.70397	6.1174	.00219	-.10139
#3	.23339	-.02542	1.4222	.30286	.69832	6.1389	.00218	-.10354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59666	2.9993	.00853	1.9403	.20366	8.488	-.21357	<.00000
Stddev	.00373	.0503	.00083	.0113	.00158	.034	.00068	.02819
%RSD	.62474	1.6776	9.7536	.58090	.77537	.4043	.31815	14.715

#1	.59321	3.0221	.00948	1.9274	.20313	8.480	-.21393	-.16192
#2	.59615	3.0342	.00812	1.9484	.20544	8.526	-.21400	-.19480
#3	.60061	2.9416	.00798	1.9451	.20242	8.459	-.21279	-.21803

Sample Name: K2542-15 Acquired: 4/24/2019 14:08:35 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 93.492
Stddev	.694
%RSD	.74277

#1	92.897
#2	94.255
#3	93.325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5682.1	69784.	6871.3	74.211	4848.5
Stddev	14.2	133.	53.6	.634	12.6
%RSD	.25056	.19116	.78040	.85500	.26052

#1	5678.6	69659.	6854.5	74.041	4853.7
#2	5670.0	69769.	6828.1	73.679	4834.0
#3	5697.8	69925.	6931.3	74.913	4857.6

Sample Name: K2540-01 Acquired: 4/24/2019 14:13:08 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07847	.00504	1.1140	-.00508	.00369	127.34	1.5100	.01516
Stddev	.00340	.00322	.0023	.00297	.00107	1.07	.0085	.00018
%RSD	4.3311	63.763	.20915	58.391	28.982	.84275	.56231	1.1836
#1	.08014	.00142	1.1155	-.00851	.00248	126.70	1.5076	.01496
#2	.07456	.00757	1.1114	-.00329	.00450	128.58	1.5194	.01531
#3	.08070	.00614	1.1153	-.00344	.00409	126.75	1.5029	.01520
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	927.04	.57731	.11942	.57693	177.50	4.3214	152.04
Stddev	.00028	2.59	.00956	.00041	.00107	.82	.0491	1.39
%RSD	13.834	.27947	1.6563	.33956	.18556	.46366	1.1363	.91164
#1	.00228	928.94	.56728	.11915	.57570	177.26	4.3300	151.30
#2	.00173	928.10	.58633	.11922	.57760	178.42	4.3656	153.64
#3	.00208	924.09	.57832	.11989	.57750	176.83	4.2685	151.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60323	-.01609	11.395	.55124	2.2617	17.020	.02610	.13910
Stddev	.00150	.00032	.052	.00539	.0010	.196	.00024	.01699
%RSD	.24927	2.0121	.45313	.97728	.04590	1.1535	.92276	12.215
#1	.60366	-.01574	11.388	.54648	2.2617	16.972	.02635	.15662
#2	.60156	-.01638	11.449	.55709	2.2606	17.236	.02607	.13797
#3	.60448	-.01615	11.347	.55014	2.2627	16.852	.02587	.12270
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.826	.80322	.06151	4.7733	.16256	7.499	1.6864	2.4465
Stddev	.104	.01094	.00101	.0147	.00167	.017	.0032	.3313
%RSD	.30833	1.3621	1.6390	.30754	1.0282	.2274	.18878	13.541
#1	33.858	.79380	.06139	4.7655	.16114	7.507	1.6899	2.4098
#2	33.710	.80063	.06257	4.7642	.16214	7.479	1.6855	2.7946
#3	33.910	.81522	.06057	4.7903	.16440	7.510	1.6838	2.1351

Sample Name: K2540-01 Acquired: 4/24/2019 14:13:08 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	64.563
Stddev	.418
%RSD	.64725

#1	64.256
#2	64.394
#3	65.039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4969.9	61275.	6412.2	68.136	4052.4
Stddev	14.0	556.	18.3	1.207	4.5
%RSD	.28085	.90808	.28609	1.7714	.11176

#1	4970.7	61427.	6405.2	67.200	4052.2
#2	4955.5	60658.	6398.3	69.499	4048.0
#3	4983.4	61739.	6433.0	67.710	4057.0

Sample Name: CCV03 Acquired: 4/24/2019 14:17:40 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14883 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1102	5.1290	5.0531	5.1642	5.1257	10.057	10.280	.25548
Stddev	.0115	.0224	.0090	.0043	.0095	.159	.101	.00015
%RSD	.22428	.43677	.17815	.08234	.18560	1.5844	.98107	.05940
#1	5.0983	5.1061	5.0555	5.1594	5.1291	9.8731	10.164	.25558
#2	5.1212	5.1302	5.0431	5.1675	5.1330	10.160	10.327	.25555
#3	5.1110	5.1508	5.0606	5.1656	5.1149	10.137	10.348	.25531
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5185	24.541	1.0059	2.5110	1.2653	5.0650	2.5520	25.305
Stddev	.0020	1.147	.0013	.0007	.0017	.0063	.0037	.472
%RSD	.07959	4.6750	.12710	.02818	.13738	.12338	.14666	1.8641
#1	2.5164	23.216	1.0045	2.5101	1.2643	5.0681	2.5478	24.762
#2	2.5189	25.213	1.0070	2.5114	1.2673	5.0692	2.5531	25.545
#3	2.5203	25.194	1.0062	2.5113	1.2642	5.0579	2.5550	25.609
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4967	1.2540	25.488	2.5165	2.5178	24.927	5.0233	4.9146
Stddev	.0039	.0007	.280	.0008	.0026	.267	.0030	.1052
%RSD	.15492	.05806	1.1004	.03031	.10161	1.0700	.05988	2.1406
#1	2.4942	1.2543	25.174	2.5173	2.5150	24.631	5.0216	4.7943
#2	2.4948	1.2532	25.715	2.5157	2.5184	25.148	5.0268	4.9892
#3	2.5012	1.2545	25.574	2.5166	2.5200	25.002	5.0215	4.9604
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0246	4.6750	4.9386	4.8459	4.7798	5.151	4.9673	F 3.5918
Stddev	.0049	.1327	.0132	.2184	.1907	.001	.2120	.0920
%RSD	.09825	2.8384	.26745	4.5069	3.9900	.0265	4.2682	2.5619
#1	5.0210	4.5218	4.9309	4.5937	4.5599	5.150	4.7228	3.5374
#2	5.0225	4.7497	4.9310	4.9721	4.9002	5.151	5.1014	3.5399
#3	5.0302	4.7535	4.9538	4.9719	4.8792	5.153	5.0775	3.6980

Sample Name: CCV03 Acquired: 4/24/2019 14:17:40 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14883 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3279
Stddev	.2678
%RSD	11.504

#1	2.0188
#2	2.4755
#3	2.4894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4910.8	59902.	5899.8	73.043	4867.7
Stddev	6.7	207.	179.9	1.978	2.6
%RSD	.13631	.34517	3.0501	2.7083	.05266

#1	4905.5	59844.	6106.8	75.320	4865.2
#2	4908.6	59730.	5780.2	72.069	4870.3
#3	4918.4	60131.	5812.5	71.741	4867.4

Sample Name: CCB03 Acquired: 4/24/2019 14:21:41 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14883 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	.00063	.00081	.00011	-.00019	-.01956	.00133
Stddev	.00147	.00047	.00033	.00196	.00123	.00320	.00043
%RSD	53.820	74.346	40.648	1742.9	633.84	16.383	32.554

#1	.00312	.00031	.00107	.00126	.00113	-.01851	.00166
#2	.00110	.00041	.00092	-.00215	-.00131	-.01702	.00084
#3	.00396	.00116	.00044	.00123	-.00040	-.02316	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00002	.00266	-.00024	.00001	-.00048	.00061
Stddev	.00002	.00002	.01214	.00036	.00010	.00025	.00084
%RSD	40.018	157.36	455.90	151.26	745.24	53.311	138.57

#1	.00005	-.00001	.01656	-.00019	-.00010	-.00034	.00040
#2	.00004	.00003	-.00589	-.00063	.00003	-.00077	-.00011
#3	.00008	.00003	-.00268	.00009	.00010	-.00032	.00153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.05530	.00064	.00054	-.02319	.00022	-.00026
Stddev	.00006	.05413	.00034	.00033	.00752	.00034	.00011
%RSD	970.85	97.881	53.292	60.416	32.423	154.15	40.119

#1	-.00008	-.11714	.00031	.00035	-.03060	-.00017	-.00034
#2	.00002	-.03229	.00062	.00092	-.02340	.00038	-.00014
#3	.00004	-.01648	.00099	.00036	-.01557	.00046	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08006	.00061	.00934	F -.04650	-.00110	.00004	-.00141
Stddev	.02987	.00017	.00375	.01553	.00335	.00003	.00092
%RSD	37.302	28.728	40.192	33.402	303.73	81.725	65.139

#1	.06056	.00060	.00559	-.05636	-.00056	.00005	-.00221
#2	.06518	.00079	.00933	-.05455	.00195	.00006	-.00040
#3	.11445	.00044	.01310	-.02860	-.00469	.00000	-.00163

Sample Name: CCB03 Acquired: 4/24/2019 14:21:41 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14883 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00354	-0.0008	.00008	F 2.0620	F .05287
Stddev	.00065	.0009	.00005	.3998	.14895
%RSD	18.505	107.3	59.565	19.391	281.70

#1	-0.00333	.0002	.00013	1.9222	.14833
#2	-0.00427	-0.0015	.00008	1.7508	-.11875
#3	-0.00301	-0.0012	.00003	2.5130	.12905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5211.4	62999.	5948.9	77.422	5639.1
Stddev	10.3	871.	247.2	2.391	6.3
%RSD	.19837	1.3831	4.1548	3.0881	.11184

#1	5208.6	63657.	5819.3	77.630	5632.4
#2	5202.7	63328.	5793.4	74.934	5640.0
#3	5222.8	62011.	6233.9	79.702	5644.9

Sample Name: K2542-19 Acquired: 4/24/2019 14:26:10 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07263	.00986	.91308	.00245	.00726	171.94	.97608	.02072
Stddev	.00206	.00104	.00076	.00378	.00178	.29	.00203	.00024
%RSD	2.8428	10.572	.08329	154.22	24.506	.16827	.20825	1.1654
#1	.07037	.00947	.91320	-.00175	.00923	171.73	.97640	.02092
#2	.07311	.01104	.91378	.00352	.00679	172.27	.97793	.02045
#3	.07442	.00906	.91227	.00558	.00577	171.83	.97390	.02080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	20.240	.19019	.12698	.27487	257.56	7.9742	47.058
Stddev	.00018	.026	.00027	.00020	.00095	1.46	.0498	.254
%RSD	7.6383	.12811	.14348	.16130	.34572	.56685	.62440	.54059
#1	.00225	20.210	.18991	.12688	.27538	259.24	8.0063	46.922
#2	.00240	20.249	.19046	.12722	.27378	256.90	7.9169	47.352
#3	.00261	20.259	.19019	.12685	.27547	256.56	7.9994	46.901
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22092	-.02806	7.8361	.46261	1.0737	5.9922	.00345	-.12729
Stddev	.00003	.00068	.0145	.00176	.0011	.0224	.00002	.00476
%RSD	.01295	2.4201	.18459	.38079	.09854	.37451	.44525	3.7424
#1	.22094	-.02737	7.8433	.46159	1.0733	5.9668	.00346	-.12898
#2	.22089	-.02873	7.8456	.46465	1.0730	6.0093	.00343	-.13097
#3	.22092	-.02807	7.8195	.46160	1.0749	6.0005	.00345	-.12191
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7893	4.0341	.02291	1.9320	.17191	9.721	-.17038	<.00000
Stddev	.0106	.0549	.00043	.0029	.00066	.034	.00167	.04361
%RSD	.58983	1.3615	1.8829	.14881	.38598	.3485	.98167	2.5980
#1	1.7774	4.0970	.02253	1.9301	.17241	9.696	-.17228	-1.6362
#2	1.7974	3.9959	.02338	1.9307	.17216	9.760	-.16973	-1.6762
#3	1.7931	4.0093	.02283	1.9353	.17116	9.707	-.16913	-1.7233

Sample Name: K2542-19 Acquired: 4/24/2019 14:26:10 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 100.06
Stddev	1.67
%RSD	1.6642

#1	99.000
#2	101.98
#3	99.210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5884.9	71395.	6987.1	73.641	4800.8
Stddev	7.8	175.	25.1	1.958	5.0
%RSD	.13250	.24549	.35855	2.6588	.10494

#1	5876.2	71207.	6958.8	75.861	4795.5
#2	5891.1	71554.	7006.5	72.901	4805.5
#3	5887.4	71423.	6995.9	72.161	4801.5

Sample Name: PB119186BL Acquired: 4/24/2019 14:30:44 Type: Unk
Method: P4-ICP2(v3068) 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	.00037	.00040	.00085	-.00194	-.00109	-.02346	.00096
Stddev	.00123	.00081	.00041	.00113	.00043	.00260	.00063
%RSD	335.22	199.77	48.221	58.317	39.739	11.069	65.442

#1	.00179	-.00032	.00125	-.00247	-.00128	-.02094	.00145
#2	-.00044	.00127	.00086	-.00270	-.00060	-.02613	.00025
#3	-.00024	.00026	.00043	-.00064	-.00140	-.02332	.00117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	.00222	-.00009	-.00015	-.00032	.00455
Stddev	.00005	.00004	.00656	.00019	.00026	.00039	.00109
%RSD	134.08	60.610	295.05	211.64	167.94	121.11	23.907

#1	.00003	-.00005	-.00169	-.00026	.00008	-.00048	.00559
#2	.00008	-.00011	-.00143	.00011	-.00011	-.00061	.00463
#3	-.00001	-.00003	.00980	-.00012	-.00043	.00012	.00342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04723	.00069	.00016	-.03236	.00017	-.00025
Stddev	.00006	.01848	.00017	.00040	.00180	.00007	.00007
%RSD	81.335	39.138	24.566	246.46	5.5590	44.262	29.513

#1	.00010	-.06679	.00050	.00061	-.03438	.00014	-.00019
#2	.00012	-.03007	.00075	-.00017	-.03176	.00011	-.00033
#3	.00001	-.04482	.00082	.00006	-.03093	.00025	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05723	-.00002	.00963	F -.05934	-.00224	-.00050	-.00107
Stddev	.03668	.00030	.00328	.00137	.00231	.00019	.00214
%RSD	64.095	1680.5	34.068	2.3126	103.11	37.172	199.02

#1	.03126	.00001	.00880	-.05789	-.00008	-.00071	-.00234
#2	.09920	-.00033	.00684	-.05952	-.00468	-.00035	-.00228
#3	.04124	.00027	.01324	-.06061	-.00196	-.00045	.00139

Sample Name: PB119186BL Acquired: 4/24/2019 14:30:44 Type: Unk
Method: P4-ICP2(v3068) 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	-0.00292	-0.0008	-0.00004	F 2.3961	F .48804
Stddev	.00126	.0005	.00002	.0997	.39279
%RSD	43.095	65.25	58.292	4.1615	80.482

#1	-0.00371	-0.0006	-0.00005	2.5048	.58268
#2	-0.00147	-0.0014	-0.00004	2.3088	.82486
#3	-0.00359	-0.0004	-0.00001	2.3746	.05658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5207.3	64150.	5888.2	75.986	5639.2
Stddev	2.5	194.	25.5	1.580	4.7
%RSD	.04881	.30254	.43260	2.0789	.08266

#1	5206.3	63996.	5898.1	75.545	5642.7
#2	5205.3	64368.	5859.3	74.673	5641.0
#3	5210.1	64086.	5907.2	77.739	5633.9

Sample Name: PB119186BS Acquired: 4/24/2019 14:35:13 Type: Unk
Method: P4-ICP2(v3068) 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	.69107	1.8339	.89224	1.7741	.70148	1.7977	.18755
Stddev	.00323	.0071	.00228	.0046	.00406	.0087	.00039
%RSD	.46707	.38610	.25578	.26036	.57864	.48217	.20551

#1	.69377	1.8421	.89479	1.7783	.70581	1.7967	.18793
#2	.68750	1.8304	.89039	1.7692	.69777	1.7896	.18716
#3	.69194	1.8293	.89153	1.7749	.70087	1.8068	.18756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17639	.17294	.96699	.37972	.18122	.28444	2.8648
Stddev	.00019	.00040	.02503	.00063	.00047	.00087	.0073
%RSD	.10707	.22847	2.5883	.16481	.26105	.30575	.25637

#1	.17657	.17335	.96219	.37902	.18158	.28542	2.8692
#2	.17641	.17290	.99407	.37992	.18139	.28415	2.8689
#3	.17620	.17256	.94470	.38022	.18069	.28376	2.8563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19318	1.8025	.44844	.06445	2.7905	.28515	.17141
Stddev	.00029	.0508	.00212	.00073	.0113	.00075	.00019
%RSD	.14872	2.8166	.47297	1.1356	.40366	.26348	.11036

#1	.19348	1.8495	.45088	.06515	2.7775	.28497	.17162
#2	.19316	1.7486	.44701	.06451	2.7969	.28598	.17136
#3	.19290	1.8095	.44744	.06369	2.7972	.28451	.17125

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0278	.36858	.26177	F -.05922	.78887	.59352	.17838
Stddev	.0479	.00130	.02495	.00145	.00420	.00242	.00168
%RSD	.53057	.35370	9.5329	2.4445	.53248	.40782	.94212

#1	8.9890	.37008	.23301	-.05759	.78840	.59612	.17873
#2	9.0131	.36771	.27765	-.05972	.79328	.59133	.17986
#3	9.0814	.36795	.27466	-.06035	.78492	.59312	.17655

Sample Name: PB119186BS Acquired: 4/24/2019 14:35:13 Type: Unk
 Method: P4-ICP2(v3068) 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	.17713	4.815	.18646	F 2.7801	F<.00000
Stddev	.00068	.021	.00025	.0779	.06071
%RSD	.38650	.4363	.13208	2.8033	13.186
#1	.17670	4.839	.18654	2.7103	-.51540
#2	.17677	4.803	.18618	2.8642	-.47060
#3	.17792	4.802	.18665	2.7658	-.39526
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5141.5	63583.	5840.2	75.355	5453.5
Stddev	5.1	211.	28.4	1.627	6.6
%RSD	.09877	.33233	.48576	2.1586	.12046
#1	5135.7	63359.	5809.4	75.734	5446.1
#2	5145.1	63612.	5846.0	73.573	5455.9
#3	5143.8	63779.	5865.2	76.759	5458.5

Sample Name: PB119186TB Acquired: 4/24/2019 14:39:20 Type: Unk
Method: P4-ICP2(v3068) 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	-.00036	.00012	.00170	.00178	-.00019	-.00546	.00149
Stddev	.00037	.00090	.00102	.00060	.00163	.00698	.00070
%RSD	102.99	757.06	59.636	33.990	867.57	127.78	47.356

#1	-.00058	.00112	.00098	.00110	.00050	-.01073	.00208
#2	-.00057	-.00015	.00126	.00197	-.00205	.00245	.00166
#3	.00007	-.00062	.00287	.00226	.00099	-.00810	.00071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00009	.01031	.00051	-.00025	-.00037	.00240
Stddev	.00002	.00004	.00064	.00023	.00012	.00017	.00025
%RSD	88.269	41.272	6.1987	46.181	50.151	47.379	10.285

#1	.00000	-.00009	.01002	.00062	-.00026	-.00048	.00227
#2	-.00004	-.00005	.00988	.00024	-.00037	-.00045	.00268
#3	-.00004	-.00012	.01105	.00066	-.00012	-.00017	.00224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.01764	.00162	.00158	F 282.38	-.00034	.00348
Stddev	.00002	.04488	.00042	.00065	2.16	.00018	.00005
%RSD	13.682	254.45	25.979	41.096	.76649	51.042	1.2954

#1	.00014	.03178	.00199	.00156	281.25	-.00045	.00353
#2	.00011	-.05587	.00170	.00094	281.01	-.00045	.00346
#3	.00011	-.02883	.00116	.00224	284.87	-.00014	.00345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06642	-.00006	-.00253	F -.05160	.00310	-.00075	-.00090
Stddev	.02370	.00016	.00764	.00230	.00230	.00016	.00123
%RSD	35.687	283.75	302.25	4.4476	74.314	21.501	137.24

#1	.08517	-.00001	-.01027	-.04900	.00306	-.00060	-.00172
#2	.03978	-.00024	-.00231	-.05333	.00543	-.00092	.00052
#3	.07432	.00008	.00500	-.05248	.00082	-.00074	-.00149

Sample Name: PB119186TB Acquired: 4/24/2019 14:39:20 Type: Unk
Method: P4-ICP2(v3068) 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	-.00399	-.0016	.00001	3.7008	.18029
Stddev	.00176	.0012	.00005	.0885	.16283
%RSD	44.091	77.54	436.94	2.3903	90.314

#1	-.00598	-.0028	-.00004	3.7648	.01669
#2	-.00265	-.0003	.00002	3.5999	.18186
#3	-.00333	-.0017	.00006	3.7377	.34234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4852.2	59301.	5801.5	71.386	4827.3
Stddev	21.3	458.	33.8	2.319	13.8
%RSD	.43930	.77211	.58210	3.2491	.28537

#1	4827.8	58779.	5769.8	70.023	4814.7
#2	4862.1	59634.	5797.7	70.070	4825.1
#3	4866.8	59490.	5837.1	74.064	4842.0

Sample Name: K2528-01DLX10 Acquired: 4/24/2019 14:43:56 Type: Unk
Method: P4-ICP2(v3068) 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	.04253	.00274	.05709	.00156	-.00052	8.1861	.15128	.00138
Stddev	.00161	.00058	.00233	.00090	.00035	.0714	.00176	.00010
%RSD	3.7930	21.250	4.0738	57.380	67.848	.87257	1.1656	6.9165

#1	.04107	.00244	.05799	.00260	-.00016	8.1150	.14932	.00131
#2	.04427	.00341	.05884	.00101	-.00086	8.2579	.15177	.00149
#3	.04226	.00237	.05445	.00108	-.00054	8.1856	.15274	.00134

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	385.01	.01225	.01178	.05993	29.681	1.8975	133.18
Stddev	.00007	1.60	.00008	.00034	.00051	.023	.0008	1.79
%RSD	29.932	.41470	.68930	2.8622	.84280	.07664	.04368	1.3455

#1	.00023	386.53	.01225	.01156	.05973	29.660	1.8984	131.11
#2	.00030	383.34	.01217	.01162	.06050	29.679	1.8968	134.14
#3	.00017	385.16	.01234	.01217	.05955	29.705	1.8972	134.29

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01630	-.00154	.59239	.03584	.50257	1.6359	.00027	.01854
Stddev	.00054	.00044	.00874	.00011	.00044	.0100	.00023	.01042
%RSD	3.2862	28.806	1.4760	.31484	.08763	.61323	86.587	56.195

#1	.01637	-.00133	.58416	.03587	.50207	1.6293	.00030	.01719
#2	.01573	-.00124	.60157	.03594	.50279	1.6474	.00002	.00886
#3	.01679	-.00205	.59144	.03572	.50286	1.6309	.00048	.02957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6490	.21728	.00921	.51152	.03509	.6602	.72736	3.8243
Stddev	.0097	.00712	.00026	.00142	.00080	.0023	.00421	.0849
%RSD	.58699	3.2767	2.8443	.27821	2.2882	.3522	.57918	2.2207

#1	1.6520	.22549	.00934	.51077	.03469	.6585	.73223	3.7426
#2	1.6569	.21357	.00891	.51316	.03457	.6594	.72499	3.9121
#3	1.6382	.21279	.00939	.51063	.03601	.6629	.72487	3.8183

Sample Name: K2528-01DLX10 Acquired: 4/24/2019 14:43:56 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.886
Stddev	.278
%RSD	2.5578

#1	10.595
#2	10.914
#3	11.150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.0	58660.	5758.6	69.485	4511.7
Stddev	16.9	41.	50.4	1.117	13.6
%RSD	.35570	.06953	.87489	1.6079	.30164

#1	4752.3	58706.	5701.9	69.874	4503.2
#2	4743.0	58645.	5798.1	70.355	4504.4
#3	4775.8	58628.	5775.9	68.225	4527.4

Sample Name: K2200-08 Acquired: 4/24/2019 14:48:14 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00106	.00645	.00233	-.00108	.15302	.11601	.00006
Stddev	.00183	.00024	.00009	.00070	.00115	.00416	.00015	.00006
%RSD	80.013	22.449	1.4270	29.838	106.52	2.7210	.13245	98.127

#1	.00158	-.00091	.00655	.00281	.00006	.15098	.11584	.00005
#2	.00091	-.00092	.00636	.00153	-.00107	.15026	.11614	.00001
#3	.00435	-.00133	.00645	.00266	-.00223	.15781	.11603	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	16.705	-.00015	.00284	.00535	.13423	.65121	1.0866
Stddev	.00008	.014	.00017	.00018	.00032	.00133	.00044	.0460
%RSD	133.89	.08452	110.64	6.3960	5.8973	.99446	.06682	4.2322

#1	-.00003	16.696	-.00012	.00305	.00520	.13571	.65169	1.1314
#2	.00008	16.697	-.00034	.00269	.00572	.13390	.65083	1.0395
#3	.00013	16.721	-.00000	.00279	.00514	.13310	.65112	1.0890

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.00005	263.37	.00043	.03065	.95010	.00006	.01911
Stddev	.00034	.00028	.91	.00022	.00017	.05345	.00010	.00623
%RSD	18.648	561.48	.34703	49.623	.55027	5.6253	163.55	32.620

#1	.00200	-.00028	262.98	.00057	.03085	.90793	.00016	.01402
#2	.00203	.00021	264.41	.00019	.03055	1.0102	.00006	.01724
#3	.00143	.00022	262.71	.00055	.03056	.93217	-.00004	.02606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17581	.97425	-.00106	.00332	-.00377	.0052	.07534	3.4519
Stddev	.00285	.01086	.00047	.00240	.00078	.0013	.00031	.0643
%RSD	1.6208	1.1147	44.109	72.266	20.833	24.39	.40833	1.8625

#1	.17658	.97312	-.00058	.00529	-.00417	.0039	.07548	3.4439
#2	.17819	.96401	-.00108	.00065	-.00427	.0064	.07555	3.5198
#3	.17265	.98564	-.00151	.00404	-.00286	.0054	.07498	3.3920

Sample Name: K2200-08 Acquired: 4/24/2019 14:48:14 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0215
 Stddev .3618
 %RSD 35.422

#1 1.0492
 #2 .64660
 #3 1.3687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4899.6	59921.	5834.6	73.367	4846.6
Stddev	7.7	172.	32.5	1.834	3.2
%RSD	.15799	.28653	.55641	2.5002	.06506

#1	4890.9	59778.	5800.7	72.711	4843.2
#2	4901.9	59874.	5837.7	71.950	4849.4
#3	4905.8	60111.	5865.4	75.439	4847.3

Sample Name: K2200-08DUP Acquired: 4/24/2019 14:52:46 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00013	.00679	.00356	-.00078	.15840	.12004	.00011
Stddev	.00164	.00085	.00044	.00117	.00133	.02085	.00104	.00005
%RSD	938.74	676.76	6.4556	32.802	170.99	13.165	.86756	47.752

#1	.00053	.00040	.00653	.00368	-.00063	.18161	.11893	.00006
#2	-.00161	.00080	.00729	.00233	-.00218	.15236	.12099	.00016
#3	.00161	-.00083	.00654	.00466	.00047	.14124	.12021	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	17.260	-.00045	.00285	.00565	.13751	.67478	1.1323
Stddev	.00010	.042	.00046	.00010	.00029	.00194	.00097	.0732
%RSD	48.742	.24238	102.43	3.6715	5.1762	1.4097	.14367	6.4613

#1	.00014	17.212	.00002	.00285	.00533	.13571	.67441	1.0479
#2	.00016	17.289	-.00046	.00275	.00591	.13956	.67588	1.1720
#3	.00033	17.280	-.00090	.00296	.00570	.13725	.67405	1.1770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00053	272.86	.00024	.03140	1.0032	-.00004	.01988
Stddev	.00007	.00014	2.04	.00032	.00021	.0337	.00021	.00979
%RSD	3.6300	25.605	.74802	134.32	.66004	3.3606	601.92	49.267

#1	.00195	.00066	273.38	.00027	.03144	.97403	.00020	.00872
#2	.00182	.00039	274.59	-.00009	.03159	.99546	-.00009	.02388
#3	.00192	.00055	270.61	.00055	.03118	1.0401	-.00022	.02703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18314	.99736	-.00051	.00368	-.00365	.0048	.07769	3.9059
Stddev	.00072	.00354	.00057	.00031	.00182	.0017	.00028	.0932
%RSD	.39502	.35475	111.08	8.3378	49.839	34.95	.35893	2.3863

#1	.18231	.99943	-.00105	.00387	-.00474	.0057	.07743	3.9824
#2	.18354	.99328	-.00057	.00385	-.00467	.0029	.07799	3.9333
#3	.18358	.99938	.00008	.00333	-.00155	.0058	.07766	3.8021

Sample Name: K2200-08DUP Acquired: 4/24/2019 14:52:46 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0584
 Stddev .3083
 %RSD 29.131

#1 .70556
 #2 1.1938
 #3 1.2759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4884.1	59760.	5869.4	74.409	4826.5
Stddev	19.2	60.	39.8	1.042	11.3
%RSD	.39231	.10080	.67765	1.4002	.23379

#1	4865.0	59696.	5823.9	73.666	4816.4
#2	4883.9	59766.	5897.6	75.600	4824.4
#3	4903.3	59816.	5886.6	73.961	4838.7

Sample Name: K2200-08LX5 Acquired: 4/24/2019 14:57:19 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8158 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00042	.00149	.00039	-.00229	.01527	.02375	.00007
Stddev	.00091	.00053	.00040	.00128	.00070	.00866	.00025	.00004
%RSD	79.177	125.19	26.548	327.64	30.673	56.723	1.0663	56.235

#1	.00095	-.00091	.00148	.00171	-.00160	.02046	.02367	.00006
#2	.00036	-.00050	.00111	.00031	-.00227	.02008	.02403	.00011
#3	.00215	.00014	.00190	-.00085	-.00300	.00527	.02354	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	3.5187	-.00006	.00059	.00109	.02918	.13847	.18879
Stddev	.00001	.0174	.00029	.00006	.00021	.00017	.00073	.01130
%RSD	26.146	.49346	456.18	9.7822	19.186	.57136	.53009	5.9840

#1	-.00002	3.5152	-.00035	.00058	.00121	.02899	.13796	.19229
#2	-.00002	3.5033	.00023	.00053	.00121	.02931	.13931	.17616
#3	-.00003	3.5375	-.00007	.00065	.00085	.02925	.13814	.19792

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00004	53.421	.00024	.00717	.29496	-.00021	.00891
Stddev	.00058	.00041	.283	.00005	.00006	.00329	.00005	.00276
%RSD	239.50	1057.4	.53069	22.154	.83266	1.1156	24.633	30.995

#1	-.00023	.00052	53.194	.00020	.00716	.29156	-.00015	.00621
#2	.00007	-.00022	53.329	.00023	.00723	.29813	-.00024	.00878
#3	.00089	-.00018	53.739	.00030	.00711	.29517	-.00024	.01173

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00573	.20969	-.00091	-.00252	-.00261	.0002	.01564	2.6144
Stddev	.00166	.00280	.00040	.00182	.00045	.0006	.00005	.1492
%RSD	29.010	1.3330	43.583	72.413	17.412	293.5	.32757	5.7078

#1	-.00530	.21082	-.00054	-.00388	-.00313	-.0002	.01570	2.4515
#2	-.00757	.21175	-.00133	-.00045	-.00230	-.0001	.01562	2.6472
#3	-.00433	.20651	-.00086	-.00322	-.00240	.0008	.01561	2.7445

Sample Name: K2200-08LX5 Acquired: 4/24/2019 14:57:19 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8158 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .16203
Stddev .25623
%RSD 158.13

#1 -.11876
#2 .38316
#3 .22170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5131.2	62605.	5811.5	74.316	5257.6
Stddev	9.5	104.	45.7	1.270	5.6
%RSD	.18566	.16574	.78682	1.7094	.10704

#1	5121.9	62486.	5760.4	73.546	5251.9
#2	5140.9	62667.	5825.5	73.618	5257.7
#3	5130.7	62664.	5848.6	75.782	5263.2

Sample Name: K2200-08MS Acquired: 4/24/2019 15:01:45 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 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	.74300	1.8434	.93432	1.9157	.71739	2.0141	.30513	.18690	.18854
Stddev	.00383	.0025	.00248	.0060	.00587	.0329	.00077	.00028	.00058
%RSD	.51530	.13627	.26553	.31073	.81873	1.6334	.25147	.14853	.30959
#1	.73922	1.8412	.93469	1.9092	.71560	1.9848	.30528	.18708	.18829
#2	.74289	1.8461	.93167	1.9173	.71262	2.0079	.30430	.18658	.18812
#3	.74687	1.8430	.93659	1.9207	.72395	2.0497	.30582	.18705	.18920
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.600	.38414	.19280	.28964	3.0008	.82992	2.9225	.47459	.06686
Stddev	.020	.00038	.00073	.00135	.0074	.00135	.0336	.00197	.00058
%RSD	.11518	.09954	.38112	.46746	.24758	.16210	1.1505	.41485	.86484
#1	17.580	.38429	.19228	.28936	2.9957	.83145	2.8999	.47313	.06635
#2	17.620	.38442	.19249	.28844	3.0093	.82940	2.9064	.47380	.06674
#3	17.601	.38370	.19364	.29111	2.9973	.82892	2.9611	.47683	.06749
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	259.45	.29691	.21963	10.484	.37485	.29517	.16716	1.7968	.63322
Stddev	.82	.00080	.00079	.142	.00112	.00508	.00287	.0108	.00190
%RSD	.31743	.26970	.35896	1.3551	.29980	1.7212	1.7198	.59887	.29976
#1	259.23	.29602	.21875	10.350	.37366	.29190	.16560	1.8034	.63197
#2	258.76	.29714	.21989	10.470	.37500	.29258	.17048	1.8025	.63229
#3	260.36	.29757	.22026	10.633	.37589	.30102	.16540	1.7843	.63541
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18563	.17980	5.642	.25702	3.5340	.59290			
Stddev	.00254	.00063	.003	.00090	.0653	.17275			
%RSD	1.3700	.35274	.0523	.35119	1.8490	29.137			
#1	.18633	.17945	5.639	.25807	3.4839	.78950			
#2	.18776	.17943	5.643	.25652	3.6079	.52380			
#3	.18281	.18054	5.644	.25649	3.5103	.46539			

Sample Name: K2200-08MS Acquired: 4/24/2019 15:01:45 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 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	4929.4	60017.	5725.1	73.679	4868.4
Stddev	7.5	186.	37.0	1.701	3.7
%RSD	.15117	.30954	.64630	2.3086	.07652
#1	4924.5	60118.	5682.4	71.938	4865.2
#2	4938.0	60131.	5745.5	75.337	4867.5
#3	4925.8	59803.	5747.4	73.764	4872.5

Sample Name: K2200-08MSD Acquired: 4/24/2019 15:05:58 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 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	.75350	1.8642	.94143	1.9488	.72621	2.0703	.31399	.19131	.19057
Stddev	.00368	.0055	.00325	.0065	.00197	.0167	.00095	.00045	.00078
%RSD	.48800	.29524	.34503	.33445	.27127	.80434	.30130	.23310	.40813

#1	.75339	1.8681	.94214	1.9546	.72741	2.0574	.31383	.19088	.19078
#2	.74988	1.8579	.93788	1.9417	.72393	2.0644	.31501	.19128	.18971
#3	.75723	1.8667	.94426	1.9500	.72728	2.0891	.31314	.19177	.19122

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.564	.38794	.19546	.29075	3.0369	.83864	3.0025	.47746	.06787
Stddev	.057	.00069	.00079	.00134	.0094	.00057	.0731	.00155	.00051
%RSD	.32563	.17729	.40172	.46001	.31007	.06757	2.4340	.32540	.75058

#1	17.523	.38857	.19613	.29114	3.0366	.83850	2.9273	.47817	.06793
#2	17.630	.38721	.19460	.28927	3.0465	.83926	3.0733	.47568	.06834
#3	17.540	.38805	.19564	.29186	3.0276	.83815	3.0070	.47854	.06733

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	260.40	.29852	.22166	10.715	.37514	.30436	.16830	1.7590	.63453
Stddev	2.84	.00059	.00054	.074	.00223	.00670	.00393	.0214	.00181
%RSD	1.0920	.19926	.24348	.68668	.59516	2.2003	2.3346	1.2138	.28523

#1	257.43	.29909	.22200	10.646	.37680	.29871	.16981	1.7746	.63424
#2	260.68	.29855	.22103	10.705	.37261	.31176	.17125	1.7678	.63288
#3	263.09	.29790	.22193	10.792	.37602	.30262	.16384	1.7347	.63647

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18699	.18010	5.718	.25740	3.9390	.46225
Stddev	.00224	.00125	.015	.00175	.1151	.41189
%RSD	1.1958	.69533	.2658	.68068	2.9225	89.104

#1	.18956	.17866	5.709	.25831	3.9089	.93579
#2	.18550	.18075	5.709	.25851	4.0662	.26389
#3	.18591	.18091	5.735	.25538	3.8419	.18708

Sample Name: K2200-08MSD Acquired: 4/24/2019 15:05:58 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 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	4889.6	59626.	5828.7	74.848	4827.4
Stddev	16.2	63.	48.8	.360	12.6
%RSD	.33147	.10559	.83710	.48085	.26133
#1	4871.3	59560.	5787.0	74.481	4813.2
#2	4895.4	59686.	5816.7	74.861	4831.8
#3	4902.0	59630.	5882.3	75.201	4837.2

Sample Name: CCV04 Acquired: 4/24/2019 15:10:11 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14885 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9109	5.0200	4.9179	4.9621	4.9143	9.6334	9.8859	.24780
Stddev	.0056	.0037	.0059	.0114	.0226	.0674	.0479	.00033
%RSD	.11322	.07372	.11939	.23053	.45885	.70011	.48485	.13342
#1	4.9172	5.0186	4.9148	4.9753	4.9324	9.7025	9.8998	.24777
#2	4.9067	5.0242	4.9142	4.9558	4.8891	9.5677	9.8325	.24749
#3	4.9087	5.0171	4.9247	4.9551	4.9215	9.6299	9.9253	.24815
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4370	24.725	.97820	2.4292	1.2202	4.9242	2.4815	24.667
Stddev	.0060	.075	.00218	.0022	.0022	.0055	.0014	.149
%RSD	.24830	.30496	.22325	.08872	.17772	.11078	.05510	.60451
#1	2.4334	24.643	.98053	2.4286	1.2213	4.9263	2.4829	24.830
#2	2.4337	24.739	.97621	2.4274	1.2177	4.9284	2.4814	24.632
#3	2.4440	24.792	.97787	2.4316	1.2216	4.9181	2.4801	24.538
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4219	1.2182	24.558	2.4618	2.4414	23.918	4.8894	4.7211
Stddev	.0017	.0019	.129	.0051	.0018	.096	.0022	.0391
%RSD	.07124	.15201	.52635	.20863	.07487	.40204	.04408	.82707
#1	2.4200	1.2193	24.617	2.4628	2.4395	23.939	4.8908	4.7586
#2	2.4227	1.2161	24.410	2.4664	2.4416	23.813	4.8869	4.6807
#3	2.4231	1.2192	24.648	2.4562	2.4431	24.002	4.8905	4.7240
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8332	4.7083	4.8405	4.8124	4.7477	5.003	4.9440	F 3.4980
Stddev	.0182	.0281	.0059	.0152	.0382	.013	.0298	.0788
%RSD	.37745	.59736	.12221	.31548	.80540	.2499	.60275	2.2523
#1	4.8378	4.6761	4.8349	4.8063	4.7269	5.015	4.9233	3.4446
#2	4.8487	4.7207	4.8467	4.8012	4.7243	5.003	4.9305	3.5885
#3	4.8131	4.7281	4.8398	4.8296	4.7918	4.990	4.9781	3.4609

Sample Name: CCV04 Acquired: 4/24/2019 15:10:11 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14885 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4711
Stddev .2652
%RSD 10.732

#1 2.4949
#2 2.1948
#3 2.7236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5057.5	61964.	5852.7	73.830	4998.2
Stddev	6.9	141.	31.5	1.487	9.2
%RSD	.13560	.22808	.53830	2.0136	.18309

#1	5054.0	61839.	5888.4	75.539	5005.6
#2	5065.4	62117.	5841.0	72.837	5001.0
#3	5053.0	61938.	5828.8	73.114	4988.0

Sample Name: CCB04 Acquired: 4/24/2019 15:14:09 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14885 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00161	.00014	.00159	-.00045	-.01182	.00143
Stddev	.00074	.00062	.00110	.00099	.00133	.00215	.00075
%RSD	60.253	38.870	789.43	62.294	295.15	18.158	52.516

#1	.00065	.00225	.00131	.00116	.00106	-.01296	.00119
#2	.00205	.00157	-.00004	.00273	-.00145	-.00934	.00228
#3	.00097	.00100	-.00086	.00089	-.00096	-.01315	.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00003	.00168	-.00025	-.00009	-.00043	-.00048
Stddev	.00002	.00001	.01056	.00027	.00007	.00029	.00044
%RSD	44.147	31.112	628.19	107.47	74.272	67.084	91.554

#1	.00003	-.00003	.00972	-.00055	-.00016	-.00010	-.00042
#2	.00005	-.00002	-.01028	-.00016	-.00003	-.00058	-.00094
#3	.00007	-.00004	.00561	-.00004	-.00008	-.00062	-.00007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00912	.00067	.00010	.02082	.00008	-.00038
Stddev	.00004	.01837	.00036	.00013	.00889	.00021	.00013
%RSD	348.04	201.38	54.024	128.25	42.705	258.84	33.110

#1	-.00001	-.02011	.00055	.00004	.01586	.00007	-.00025
#2	.00005	.01209	.00039	.00001	.01552	.00029	-.00051
#3	-.00001	-.01935	.00108	.00025	.03108	-.00012	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09376	.00044	.00785	F -.06572	-.00225	-.00035	-.00148
Stddev	.03111	.00034	.00855	.00050	.00065	.00072	.00192
%RSD	33.177	78.007	108.91	.75758	28.912	202.85	130.12

#1	.05977	.00070	.01051	-.06561	-.00261	.00011	-.00044
#2	.10069	.00056	.01475	-.06528	-.00150	.00001	-.00369
#3	.12082	.00005	-.00171	-.06626	-.00264	-.00118	-.00030

Sample Name: CCB04 Acquired: 4/24/2019 15:14:09 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14885 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00348	-0.0010	.00005	F 2.1338	F .03966
Stddev	.00098	.0006	.00005	.1127	.15823
%RSD	28.292	56.86	103.69	5.2814	399.02

#1	-0.00449	-0.0004	-0.00001	2.0616	.15502
#2	-0.00252	-0.0010	.00006	2.0761	.10467
#3	-0.00343	-0.0016	.00008	2.2636	-.14073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5292.0	64904.	5847.8	75.397	5719.9
Stddev	13.3	192.	42.6	.619	13.2
%RSD	.25193	.29567	.72879	.82115	.23105

#1	5280.5	64924.	5827.6	74.759	5706.8
#2	5288.9	64703.	5819.1	75.436	5719.6
#3	5306.6	65086.	5896.8	75.995	5733.2

Sample Name: K2200-08A Acquired: 4/24/2019 15:18:37 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8158 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	.76105	1.8789	.95116	1.9806	.73304	2.0380	.31298	.19088	.19209
Stddev	.00798	.0056	.00346	.0075	.00311	.0288	.00501	.00054	.00105
%RSD	1.0479	.29741	.36344	.37744	.42391	1.4135	1.6007	.28031	.54509

#1	.75761	1.8777	.94978	1.9813	.73251	2.0213	.30775	.19031	.19244
#2	.75536	1.8740	.94861	1.9728	.73024	2.0215	.31346	.19137	.19091
#3	.77016	1.8850	.95509	1.9877	.73638	2.0713	.31773	.19095	.19292

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.808	.38856	.19685	.29408	3.0426	.84314	3.0393	.48324	.06841
Stddev	.036	.00013	.00087	.00109	.0063	.00089	.0431	.00154	.00031
%RSD	.20213	.03409	.44244	.37100	.20579	.10563	1.4195	.31827	.45523

#1	17.787	.38862	.19659	.29317	3.0364	.84225	2.9949	.48374	.06876
#2	17.787	.38841	.19613	.29378	3.0426	.84315	3.0420	.48151	.06821
#3	17.849	.38865	.19782	.29529	3.0489	.84403	3.0810	.48446	.06825

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	263.03	.30210	.22456	10.703	.38136	.29298	.17508	1.8228	.64447
Stddev	2.31	.00079	.00052	.116	.00105	.00996	.00199	.0206	.00646
%RSD	.87747	.25991	.23325	1.0796	.27486	3.3985	1.1388	1.1312	1.0019

#1	260.38	.30249	.22431	10.572	.38202	.28599	.17735	1.8294	.64237
#2	264.11	.30120	.22422	10.746	.38015	.30438	.17361	1.8393	.63933
#3	264.60	.30262	.22517	10.791	.38191	.28856	.17429	1.7997	.65171

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18701	.18255	5.801	.26266	3.7760	.38405
Stddev	.00153	.00300	.021	.00183	.1976	.21408
%RSD	.81748	1.6416	.3672	.69518	5.2334	55.742

#1	.18725	.18601	5.787	.26416	3.9580	.36002
#2	.18537	.18066	5.791	.26321	3.5658	.60913
#3	.18840	.18098	5.826	.26063	3.8042	.18301

Sample Name: K2200-08A Acquired: 4/24/2019 15:18:37 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8158 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	4879.4	59987.	5731.1	72.549	4817.9
Stddev	8.1	217.	73.8	.920	10.7
%RSD	.16660	.36093	1.2875	1.2682	.22147
#1	4870.6	60185.	5665.0	71.894	4808.1
#2	4881.0	59756.	5717.5	73.601	4816.4
#3	4886.7	60018.	5810.7	72.151	4829.3

Sample Name: K2200-10 Acquired: 4/24/2019 15:22:52 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00064	.01320	.00187	-.00063	.08670	.13401	.00017
Stddev	.00138	.00045	.00083	.00078	.00110	.00592	.00066	.00012
%RSD	87.508	69.754	6.3072	42.015	175.47	6.8224	.48891	72.955

#1	.00122	.00012	.01225	.00097	.00036	.08699	.13348	.00007
#2	.00041	.00091	.01376	.00244	-.00043	.09247	.13381	.00013
#3	.00309	.00088	.01360	.00219	-.00181	.08065	.13474	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	33.263	-.00039	.00286	.00647	.33497	.76899	1.6496
Stddev	.00008	.122	.00035	.00010	.00054	.00108	.00118	.0248
%RSD	129.58	.36818	88.232	3.6011	8.3657	.32146	.15290	1.5035

#1	-.00002	33.129	-.00038	.00292	.00592	.33372	.76788	1.6238
#2	.00007	33.370	-.00005	.00275	.00648	.33562	.77022	1.6517
#3	.00014	33.289	-.00075	.00293	.00701	.33556	.76885	1.6733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	.00017	257.09	-.00005	.02756	1.0198	.00005	.01456
Stddev	.00006	.00058	2.22	.00043	.00013	.0296	.00010	.00124
%RSD	2.3127	342.00	.86534	907.31	.47184	2.8976	202.61	8.4949

#1	.00266	.00082	254.54	.00039	.02741	1.0539	.00014	.01314
#2	.00259	-.00002	258.13	-.00047	.02765	1.0042	-.00006	.01523
#3	.00254	-.00029	258.61	-.00006	.02761	1.0013	.00007	.01532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43554	2.0765	-.00050	-.00131	-.00021	.0001	.18050	3.6585
Stddev	.00255	.0072	.00036	.00175	.00093	.0004	.00019	.1368
%RSD	.58490	.34798	72.837	133.67	445.64	392.1	.10366	3.7395

#1	.43534	2.0701	-.00035	-.00319	-.00115	-.0001	.18063	3.5074
#2	.43310	2.0843	-.00023	.00026	.00071	.0006	.18059	3.7740
#3	.43818	2.0751	-.00091	-.00099	-.00018	-.0001	.18029	3.6940

Sample Name: K2200-10 Acquired: 4/24/2019 15:22:52 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .89284
 Stddev .29501
 %RSD 33.042

#1 .66269
 #2 .79042
 #3 1.2254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4894.2	59651.	5846.7	74.516	4838.7
Stddev	12.9	75.	23.7	1.684	13.2
%RSD	.26380	.12632	.40575	2.2604	.27319

#1	4880.8	59597.	5847.5	72.577	4823.4
#2	4895.2	59737.	5822.6	75.350	4846.9
#3	4906.5	59618.	5870.0	75.620	4845.6

Sample Name: K2200-12 Acquired: 4/24/2019 15:27:25 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00107	.00474	.00223	-.00067	.06599	.09221	.00002
Stddev	.00351	.00059	.00037	.00127	.00058	.00872	.00068	.00001
%RSD	927.69	54.943	7.7341	56.902	87.371	13.218	.73250	30.893

#1	.00095	-.00167	.00458	.00317	-.00103	.06289	.09285	.00002
#2	.00356	-.00105	.00516	.00079	.00001	.07584	.09227	.00003
#3	-.00338	-.00050	.00448	.00273	-.00098	.05923	.09150	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	24.606	-.00019	.00433	.00453	.33784	.70537	2.1550
Stddev	.00007	.057	.00007	.00011	.00016	.00195	.00110	.0605
%RSD	121.49	.23326	39.145	2.6319	3.5569	.57728	.15595	2.8067

#1	.00011	24.653	-.00013	.00431	.00445	.33584	.70587	2.0876
#2	.00009	24.623	-.00027	.00446	.00471	.33792	.70411	2.2047
#3	-.00002	24.542	-.00016	.00423	.00442	.33974	.70613	2.1726

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.00010	288.20	-.00004	.02148	1.2268	-.00010	.01105
Stddev	.00021	.00017	1.73	.00018	.00013	.0426	.00015	.00516
%RSD	6.0897	170.34	.59864	445.84	.61588	3.4761	143.26	46.699

#1	.00358	-.00004	286.96	.00006	.02148	1.1890	-.00003	.00793
#2	.00340	.00030	290.17	.00007	.02135	1.2183	-.00001	.01701
#3	.00317	.00004	287.47	-.00025	.02162	1.2730	-.00027	.00821

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16672	1.0364	-.00020	-.00163	-.00090	-.0003	.08844	3.6866
Stddev	.00313	.0129	.00047	.00217	.00100	.0005	.00031	.0602
%RSD	1.8766	1.2461	237.06	133.29	111.22	209.1	.35194	1.6324

#1	.16448	1.0365	.00032	-.00045	.00024	-.0007	.08848	3.6709
#2	.17030	1.0234	-.00061	-.00030	-.00166	-.0004	.08873	3.6358
#3	.16538	1.0493	-.00031	-.00414	-.00129	.0003	.08811	3.7531

Sample Name: K2200-12 Acquired: 4/24/2019 15:27:25 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-02-042319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .74675
 Stddev .28393
 %RSD 38.022

#1 .99694
 #2 .80515
 #3 .43816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4914.2	59702.	5814.3	72.470	4840.1
Stddev	15.5	12.	28.7	.324	7.1
%RSD	.31617	.02021	.49296	.44648	.14739

#1	4899.3	59709.	5815.8	72.243	4832.7
#2	4913.1	59709.	5842.2	72.327	4840.7
#3	4930.3	59688.	5784.9	72.841	4847.0

Sample Name: K2541-02 Acquired: 4/24/2019 15:31:59 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CHRT-26835 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00065	.00565	.00258	-.00161	.05022	.24887	.00012
Stddev	.00212	.00025	.00122	.00146	.00087	.00959	.00135	.00007
%RSD	2439.3	38.549	21.562	56.626	53.698	19.089	.54388	56.449

#1	-.00213	-.00071	.00704	.00408	-.00061	.04028	.24770	.00008
#2	.00210	-.00087	.00479	.00252	-.00210	.05941	.25035	.00020
#3	-.00024	-.00038	.00511	.00116	-.00213	.05095	.24855	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	32.929	-.00065	.00193	.00657	.08213	.95739	1.4371
Stddev	.00005	.187	.00024	.00015	.00053	.00103	.00092	.0336
%RSD	94.215	.56923	36.147	7.7340	8.0710	1.2538	.09572	2.3385

#1	.00009	32.716	-.00092	.00178	.00598	.08196	.95840	1.4174
#2	.00007	33.007	-.00055	.00192	.00672	.08120	.95717	1.4181
#3	-.00000	33.066	-.00048	.00208	.00700	.08324	.95661	1.4760

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00041	258.48	-.00004	.04268	1.1388	-.00001	.03498
Stddev	.00021	.00020	2.01	.00003	.00022	.0463	.00013	.00302
%RSD	9.8351	47.822	.77877	95.613	.51282	4.0621	950.50	8.6198

#1	.00243	.00059	256.53	-.00002	.04249	1.1442	-.00008	.03658
#2	.00209	.00020	258.36	-.00001	.04263	1.1820	-.00010	.03150
#3	.00203	.00043	260.55	-.00008	.04292	1.0900	.00014	.03686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24816	.77237	.00003	-.00202	.00216	.0009	.06517	3.6503
Stddev	.00025	.00743	.00056	.00073	.00042	.0009	.00022	.1905
%RSD	.10146	.96205	1738.7	36.004	19.517	101.4	.33379	5.2185

#1	.24794	.77934	-.00013	-.00264	.00197	.0017	.06515	3.4374
#2	.24843	.77323	.00066	-.00122	.00186	-.0001	.06496	3.7088
#3	.24809	.76455	-.00043	-.00220	.00264	.0010	.06540	3.8047

Sample Name: K2541-02 Acquired: 4/24/2019 15:31:59 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CHRT-26835 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.82481
Stddev	.28178
%RSD	34.162

#1	.76255
#2	1.1325
#3	.57937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4896.5	60116.	5818.3	73.955	4842.0
Stddev	5.4	106.	34.6	.591	6.3
%RSD	.11088	.17647	.59446	.79879	.12968

#1	4894.6	60069.	5779.6	74.389	4841.1
#2	4902.7	60043.	5846.3	74.193	4848.7
#3	4892.3	60238.	5829.0	73.282	4836.3

Sample Name: K2542-04 Acquired: 4/24/2019 15:36:31 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00024	.00234	.00139	-.00085	.09468	.12776	.00004
Stddev	.00169	.00127	.00077	.00358	.00198	.00705	.00137	.00004
%RSD	216.89	534.65	32.930	257.95	231.57	7.4432	1.0697	122.82

#1	-.00035	.00154	.00196	-.00274	.00120	.10059	.12716	.00008
#2	.00272	-.00100	.00183	.00320	-.00101	.08688	.12679	.00003
#3	-.00003	.00017	.00323	.00370	-.00274	.09658	.12932	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	4.2991	-.00006	-.00021	.00374	.05319	.01154	.88785
Stddev	.00007	.0241	.00032	.00028	.00014	.00081	.00002	.02317
%RSD	244.31	.55993	560.21	130.69	3.6269	1.5245	.21513	2.6094

#1	-.00007	4.2970	.00027	-.00049	.00359	.05235	.01151	.86110
#2	-.00007	4.2761	-.00037	-.00021	.00376	.05396	.01156	.90106
#3	.00005	4.3241	-.00007	.00006	.00386	.05327	.01155	.90139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00057	271.98	.00021	.03893	.62774	-.00006	.02197
Stddev	.00021	.00050	1.58	.00034	.00008	.02553	.00015	.00594
%RSD	54.829	87.073	.58144	159.83	.21834	4.0675	251.10	27.020

#1	.00019	.00013	271.10	.00046	.03902	.64259	-.00015	.02318
#2	.00034	.00112	271.04	-.00017	.03891	.64238	-.00013	.02721
#3	.00061	.00048	273.80	.00035	.03885	.59826	.00011	.01552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03044	.40950	-.00103	.00159	-.00225	.0071	.01785	3.6937
Stddev	.00286	.00377	.00089	.00096	.00102	.0013	.00011	.0480
%RSD	9.4098	.92141	86.307	60.387	45.624	18.86	.64067	1.2988

#1	.03275	.41381	-.00061	.00206	-.00272	.0060	.01781	3.6722
#2	.03134	.40683	-.00205	.00223	-.00107	.0067	.01775	3.7487
#3	.02723	.40785	-.00043	.00049	-.00295	.0086	.01797	3.6602

Sample Name: K2542-04 Acquired: 4/24/2019 15:36:31 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .43617
 Stddev .06792
 %RSD 15.572

#1 .35775
 #2 .47640
 #3 .47437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4908.8	60037.	5868.4	73.648	4864.0
Stddev	7.4	170.	36.4	.265	7.4
%RSD	.15111	.28281	.61983	.36022	.15195

#1	4901.8	60179.	5858.2	73.955	4857.6
#2	4908.0	60082.	5838.2	73.507	4862.3
#3	4916.6	59849.	5908.8	73.484	4872.1

Sample Name: K2542-08 Acquired: 4/24/2019 15:41:05 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.00048	.00042	.00167	.00001	-.00146	.13188	.08498	.00001
Stddev	.00224	.00061	.00076	.00237	.00200	.00979	.00027	.00007
%RSD	463.26	145.67	45.307	18534.	137.23	7.4211	.32200	1209.0

#1	.00254	.00036	.00103	-.00052	.00076	.14171	.08490	.00008
#2	-.00190	.00106	.00148	.00261	-.00201	.13179	.08475	-.00007
#3	.00081	-.00016	.00251	-.00205	-.00312	.12213	.08528	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	2.4594	.00010	-.00016	.00243	.07632	.01012	.41162
Stddev	.00007	.0298	.00032	.00002	.00028	.00086	.00003	.03274
%RSD	93.316	1.2134	329.08	14.979	11.633	1.1236	.28559	7.9528

#1	-.00015	2.4804	.00022	-.00018	.00214	.07534	.01010	.40142
#2	-.00002	2.4724	-.00026	-.00013	.00270	.07694	.01015	.44825
#3	-.00006	2.4252	.00034	-.00016	.00244	.07669	.01011	.38521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	-.00011	274.84	.00014	.01574	.36820	.00012	.01225
Stddev	.00027	.00035	2.39	.00030	.00013	.03210	.00023	.00303
%RSD	33.389	329.11	.87137	215.53	.80337	8.7171	182.61	24.779

#1	.00054	-.00050	272.08	.00021	.01587	.33119	.00036	.01361
#2	.00109	.00016	275.98	-.00019	.01561	.38850	-.00010	.00877
#3	.00082	.00002	276.45	.00041	.01574	.38491	.00012	.01436

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00863	.21101	-.00065	.00225	-.00160	.0092	.01367	3.3996
Stddev	.00054	.00187	.00040	.00047	.00103	.0023	.00007	.0939
%RSD	6.2235	.88776	62.288	20.871	63.899	24.48	.50358	2.7612

#1	-.00895	.20885	-.00020	.00280	-.00250	.0118	.01375	3.2964
#2	-.00801	.21215	-.00099	.00200	-.00049	.0077	.01363	3.4225
#3	-.00892	.21204	-.00074	.00197	-.00183	.0081	.01363	3.4799

Sample Name: K2542-08 Acquired: 4/24/2019 15:41:05 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.70695
Stddev	.28789
%RSD	40.722

#1	.47511
#2	1.0292
#3	.61656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4917.1	59408.	5794.1	71.760	4876.0
Stddev	9.3	155.	56.1	1.370	11.2
%RSD	.18969	.26120	.96781	1.9097	.22895

#1	4913.9	59476.	5763.0	71.382	4870.9
#2	4927.6	59230.	5760.5	70.618	4888.8
#3	4909.8	59517.	5858.9	73.280	4868.3

Sample Name: K2542-12 Acquired: 4/24/2019 15:45:41 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00052	.00196	.00277	-.00146	.10547	.06953	.00005
Stddev	.00078	.00075	.00043	.00156	.00180	.00818	.00095	.00002
%RSD	114.74	143.04	21.856	56.541	123.14	7.7533	1.3729	35.968

#1	-.00022	-.00121	.00194	.00189	.00058	.11283	.06906	.00007
#2	.00106	-.00062	.00154	.00184	-.00280	.10692	.06890	.00004
#3	.00119	.00027	.00239	.00457	-.00216	.09667	.07063	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	2.4700	.00014	.00114	.00321	.04132	.22192	.41486
Stddev	.00002	.0046	.00023	.00012	.00025	.00065	.00033	.02748
%RSD	57.295	.18835	164.11	10.388	7.6599	1.5729	.14998	6.6231

#1	.00007	2.4688	-.00011	.00126	.00326	.04074	.22154	.39291
#2	.00004	2.4661	.00020	.00113	.00294	.04202	.22216	.40598
#3	.00002	2.4751	.00033	.00103	.00342	.04119	.22205	.44567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00045	283.28	.00014	.01512	.56558	-.00008	.01449
Stddev	.00030	.00037	1.65	.00034	.00009	.01919	.00017	.00593
%RSD	30.566	82.137	.58242	237.62	.59306	3.3924	203.86	40.941

#1	.00130	.00076	282.17	-.00004	.01514	.55669	-.00025	.01781
#2	.00076	.00004	282.50	.00053	.01502	.58759	-.00010	.00764
#3	.00083	.00054	285.18	-.00006	.01520	.55245	.00009	.01802

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00719	.33116	-.00052	-.00084	-.00072	.0070	.00900	3.4720
Stddev	.00106	.00398	.00032	.00226	.00066	.0005	.00010	.1255
%RSD	14.712	1.2032	61.677	269.86	92.785	7.366	1.1377	3.6161

#1	-.00634	.32806	-.00064	-.00253	-.00141	.0065	.00912	3.6166
#2	-.00837	.33566	-.00077	.00172	-.00066	.0069	.00894	3.4086
#3	-.00686	.32977	-.00016	-.00170	-.00008	.0076	.00895	3.3908

Sample Name: K2542-12 Acquired: 4/24/2019 15:45:41 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .68854
 Stddev .46836
 %RSD 68.023

#1 1.2159
 #2 .52852
 #3 .32116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4896.0	59740.	5702.8	73.114	4849.0
Stddev	5.1	63.	48.9	1.686	2.4
%RSD	.10332	.10575	.85793	2.3058	.04881

#1	4901.8	59719.	5650.5	71.295	4848.0
#2	4893.6	59811.	5710.5	73.420	4851.7
#3	4892.5	59689.	5747.4	74.625	4847.3

Sample Name: K2542-16 Acquired: 4/24/2019 15:50:17 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00052	.00064	.00045	-.00154	.05504	.05132	.00002
Stddev	.00113	.00044	.00017	.00149	.00050	.01121	.00052	.00002
%RSD	292.19	83.859	27.386	332.70	32.805	20.362	1.0140	93.519

#1	.00142	-.00011	.00083	-.00047	-.00208	.05459	.05088	.00003
#2	.00056	-.00098	.00049	.00217	-.00143	.06646	.05190	-.00000
#3	-.00082	-.00047	.00059	-.00036	-.00109	.04406	.05119	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	2.4104	.00035	-.00011	.00410	.01659	.02223	.33166
Stddev	.00003	.0116	.00022	.00015	.00029	.00025	.00023	.01783
%RSD	118.08	.48007	62.468	136.17	7.1535	1.5251	1.0264	5.3749

#1	.00001	2.3981	.00058	-.00015	.00378	.01688	.02225	.34878
#2	-.00005	2.4119	.00033	-.00024	.00416	.01645	.02199	.33300
#3	-.00003	2.4211	.00014	.00005	.00436	.01644	.02244	.31321

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00043	281.74	.00017	.01424	.48904	.00008	.00853
Stddev	.00035	.00014	.87	.00017	.00004	.00693	.00005	.01076
%RSD	1566.8	32.714	.30835	100.41	.25944	1.4162	61.388	126.14

#1	-.00038	.00059	281.19	.00011	.01420	.48126	.00003	.00256
#2	.00029	.00034	281.28	.00004	.01424	.49132	.00012	.02096
#3	.00015	.00035	282.74	.00037	.01427	.49454	.00010	.00208

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01995	.16086	-.00060	-.00149	-.00186	.0221	.01102	3.8798
Stddev	.00115	.00043	.00033	.00175	.00162	.0016	.00008	.0666
%RSD	5.7575	.26486	56.021	117.92	86.831	7.224	.68549	1.7171

#1	-.02123	.16088	-.00095	-.00351	-.00362	.0205	.01111	3.9240
#2	-.01902	.16042	-.00028	-.00044	-.00153	.0237	.01096	3.9122
#3	-.01958	.16128	-.00056	-.00051	-.00044	.0220	.01099	3.8032

Sample Name: K2542-16 Acquired: 4/24/2019 15:50:17 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.72603
Stddev	.32109
%RSD	44.225

#1	1.0933
#2	.49868
#3	.58607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4893.6	59701.	5801.9	73.388	4852.9
Stddev	14.9	196.	67.7	.509	9.3
%RSD	.30534	.32757	1.1675	.69421	.19118

#1	4876.7	59640.	5730.2	72.805	4842.2
#2	4904.9	59920.	5864.7	73.745	4858.1
#3	4899.3	59543.	5810.9	73.614	4858.4

Sample Name: K2542-20 Acquired: 4/24/2019 15:54:53 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00007	.00252	.00136	-.00196	.13252	.05764	.00002
Stddev	.00311	.00117	.00145	.00184	.00106	.01040	.00138	.00005
%RSD	1348.4	1697.6	57.404	135.69	54.204	7.8448	2.3998	262.69

#1	-.00107	.00112	.00414	-.00071	-.00310	.14417	.05648	.00006
#2	.00321	.00027	.00135	.00281	-.00099	.12921	.05917	.00003
#3	-.00284	-.00119	.00209	.00197	-.00179	.12419	.05726	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	5.1704	.00053	-.00018	.00170	.04882	.01334	1.3798
Stddev	.00005	.0185	.00037	.00012	.00035	.00099	.00004	.0147
%RSD	42.643	.35742	68.596	63.644	20.808	2.0296	.30446	1.0691

#1	.00012	5.1491	.00087	-.00016	.00155	.04992	.01335	1.3639
#2	.00006	5.1801	.00059	-.00008	.00145	.04800	.01337	1.3931
#3	.00015	5.1820	.00014	-.00031	.00210	.04854	.01329	1.3823

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00016	229.04	.00025	.01351	.29146	.00006	.01830
Stddev	.00015	.00044	1.40	.00007	.00006	.01516	.00026	.00661
%RSD	3203.2	279.87	.61137	27.609	.47129	5.2021	408.53	36.131

#1	-.00015	.00040	227.82	.00025	.01351	.29025	.00029	.01309
#2	.00001	.00042	230.57	.00032	.01358	.27694	-.00022	.02574
#3	.00015	-.00035	228.74	.00018	.01345	.30719	.00013	.01607

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02519	.59014	-.00100	.00196	-.00122	.0089	.02264	3.2134
Stddev	.00222	.00682	.00083	.00028	.00121	.0005	.00016	.2235
%RSD	8.7958	1.1550	83.238	14.266	99.365	5.846	.71844	6.9543

#1	-.02765	.59672	-.00093	.00200	-.00254	.0092	.02270	3.0289
#2	-.02455	.58311	-.00020	.00222	-.00016	.0083	.02276	3.4618
#3	-.02336	.59058	-.00186	.00167	-.00096	.0092	.02245	3.1494

Sample Name: K2542-20 Acquired: 4/24/2019 15:54:53 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .38251
 Stddev .13021
 %RSD 34.040

#1 .25463
 #2 .37798
 #3 .51493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4936.7	60109.	5740.1	73.298	4918.3
Stddev	9.4	42.	70.3	2.095	7.2
%RSD	.19023	.07061	1.2240	2.8577	.14719

#1	4938.6	60076.	5659.2	70.955	4910.3
#2	4926.6	60094.	5785.7	73.950	4919.9
#3	4945.1	60157.	5775.3	74.989	4924.5

Sample Name: CCV05 Acquired: 4/24/2019 16:04:01 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9795	5.0856	4.9765	5.0567	4.9730	9.7058	9.8844	.24981
Stddev	.0057	.0039	.0014	.0056	.0055	.0702	.0514	.00082
%RSD	.11493	.07631	.02839	.11132	.11042	.72300	.52024	.32888
#1	4.9854	5.0888	4.9753	5.0516	4.9693	9.6357	9.9296	.25038
#2	4.9740	5.0813	4.9781	5.0557	4.9704	9.7057	9.8952	.25019
#3	4.9790	5.0866	4.9762	5.0628	4.9793	9.7760	9.8284	.24887
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4703	24.856	.98749	2.4575	1.2331	4.9725	2.5035	24.842
Stddev	.0028	.069	.00284	.0040	.0032	.0037	.0025	.131
%RSD	.11330	.27890	.28756	.16309	.25783	.07476	.10128	.52741
#1	2.4729	24.879	.99008	2.4615	1.2364	4.9682	2.5064	24.702
#2	2.4707	24.910	.98794	2.4575	1.2300	4.9748	2.5017	24.863
#3	2.4674	24.778	.98446	2.4535	1.2329	4.9744	2.5025	24.962
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4490	1.2301	24.603	2.4884	2.4688	24.069	4.9208	4.7100
Stddev	.0042	.0030	.130	.0045	.0043	.051	.0030	.0168
%RSD	.16977	.24235	.52727	.18247	.17484	.21113	.06140	.35730
#1	2.4496	1.2333	24.602	2.4934	2.4723	24.055	4.9238	4.6914
#2	2.4528	1.2297	24.474	2.4870	2.4701	24.027	4.9178	4.7147
#3	2.4446	1.2274	24.733	2.4847	2.4640	24.126	4.9208	4.7240
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9239	4.7460	4.8896	4.8477	4.7805	5.101	4.9791	F 3.5813
Stddev	.0299	.0306	.0084	.0114	.0096	.014	.0150	.0493
%RSD	.60645	.64473	.17190	.23596	.20003	.2794	.30059	1.3763
#1	4.8909	4.7718	4.8992	4.8422	4.7915	5.086	4.9960	3.5551
#2	4.9490	4.7539	4.8856	4.8608	4.7764	5.101	4.9736	3.6381
#3	4.9318	4.7122	4.8839	4.8400	4.7737	5.115	4.9677	3.5506

Sample Name: CCV05 Acquired: 4/24/2019 16:04:01 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7143
Stddev .4172
%RSD 15.370

#1 3.1482
#2 2.3160
#3 2.6788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5020.8	61349.	5796.1	71.788	4956.2
Stddev	10.4	256.	55.5	1.427	11.1
%RSD	.20662	.41768	.95813	1.9883	.22494

#1	5009.3	61053.	5742.3	70.406	4943.8
#2	5029.4	61498.	5792.8	71.702	4959.5
#3	5023.7	61496.	5853.2	73.257	4965.3

Sample Name: CCB05 Acquired: 4/24/2019 16:08:02 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8160 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00204	-.00025	.00110	-.00082	-.02202	.00145
Stddev	.00192	.00056	.00041	.00187	.00008	.00521	.00041
%RSD	198.14	27.243	164.76	170.55	10.290	23.641	27.938

#1	-.00124	.00262	-.00046	.00259	-.00076	-.02795	.00103
#2	.00228	.00151	.00022	-.00100	-.00078	-.01820	.00150
#3	.00186	.00200	-.00051	.00170	-.00091	-.01992	.00183

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00000	.00134	-.00038	-.00010	-.00027	-.00009
Stddev	.00006	.00001	.01313	.00005	.00006	.00026	.00022
%RSD	129.48	342.31	977.95	12.907	64.186	97.098	233.70

#1	-.00007	-.00000	.01631	-.00041	-.00004	-.00053	.00013
#2	-.00009	.00002	-.00823	-.00041	-.00008	-.00029	-.00030
#3	.00002	-.00001	-.00405	-.00032	-.00016	-.00000	-.00011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00954	.00073	-.00024	.02854	-.00011	-.00043
Stddev	.00004	.03109	.00036	.00045	.01012	.00024	.00009
%RSD	136.17	325.80	49.412	191.02	35.441	214.55	21.918

#1	.00004	-.01092	.00103	-.00075	.01718	-.00037	-.00036
#2	-.00002	-.03992	.00083	.00008	.03190	.00009	-.00039
#3	.00006	.02222	.00033	-.00003	.03656	-.00005	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07255	.00049	.01551	F -.06515	-.00006	-.00052	-.00196
Stddev	.02370	.00025	.00837	.00298	.00274	.00058	.00166
%RSD	32.662	49.850	53.968	4.5713	4622.6	111.31	84.925

#1	.08667	.00060	.00630	-.06844	.00310	-.00020	-.00004
#2	.08579	.00067	.02265	-.06436	-.00157	-.00017	-.00279
#3	.04519	.00021	.01758	-.06264	-.00171	-.00119	-.00304

Sample Name: CCB05 Acquired: 4/24/2019 16:08:02 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8160 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00417	-0.0014	.00001	F 2.0161	F .31647
Stddev	.00024	.0012	.00012	.0199	.15145
%RSD	5.6360	84.69	1893.8	.98688	47.856

#1	-0.00427	-0.0003	.00003	2.0334	.14278
#2	-0.00390	-0.0026	-.00012	1.9943	.42093
#3	-0.00434	-0.0013	.00011	2.0206	.38570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5309.1	64592.	5931.2	75.923	5722.6
Stddev	14.6	249.	42.4	1.234	11.3
%RSD	.27467	.38488	.71498	1.6248	.19827

#1	5325.9	64337.	5882.3	76.091	5735.4
#2	5300.3	64834.	5954.3	74.614	5718.9
#3	5301.0	64603.	5957.1	77.064	5713.6

Sample Name: K2482-02 Acquired: 4/24/2019 16:35:01 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8160 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	.00023	.00078	-.00033	-.00246	-.01440	.04183	.00007
Stddev	.00146	.00143	.00064	.00107	.00099	.00376	.00061	.00006
%RSD	83.184	610.00	81.801	322.56	40.265	26.147	1.4667	83.262

#1	.00234	-.00037	.00023	.00038	-.00133	-.01503	.04244	.00001
#2	.00009	.00187	.00149	.00019	-.00283	-.01036	.04122	.00008
#3	.00282	-.00079	.00063	-.00156	-.00321	-.01781	.04182	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	13.639	-.00038	.00054	-.00009	.02487	.09348	1.2571
Stddev	.00004	.053	.00027	.00007	.00013	.00030	.00039	.0330
%RSD	95.180	.38761	71.616	12.448	145.29	1.2186	.42171	2.6281

#1	-.00006	13.685	-.00067	.00053	-.00011	.02453	.09387	1.2596
#2	.00000	13.650	-.00032	.00060	.00005	.02498	.09308	1.2230
#3	-.00007	13.581	-.00014	.00047	-.00021	.02511	.09351	1.2889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00014	9.4560	-.00012	.02715	.63152	.00007	.58415
Stddev	.00021	.00032	.0710	.00023	.00166	.00874	.00007	.01729
%RSD	29.413	226.18	.75095	187.78	6.1016	1.3838	102.91	2.9600

#1	.00060	-.00033	9.4196	-.00034	.02654	.64086	.00014	.57107
#2	.00096	.00023	9.4107	-.00015	.02588	.62354	-.00000	.57762
#3	.00059	-.00032	9.5379	.00012	.02902	.63015	.00007	.60375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4344	.48100	-.00231	-.00259	-.00553	.0025	.06753	2.8813
Stddev	.0109	.04282	.00029	.00125	.00145	.0006	.00013	.1080
%RSD	.31593	8.9028	12.525	48.400	26.269	22.00	.19495	3.7501

#1	3.4295	.45850	-.00254	-.00146	-.00401	.0026	.06766	2.7573
#2	3.4468	.53038	-.00242	-.00237	-.00691	.0019	.06754	2.9313
#3	3.4267	.45412	-.00199	-.00393	-.00569	.0030	.06739	2.9553

Sample Name: K2482-02 Acquired: 4/24/2019 16:35:01 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8160 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .85195
 Stddev .24412
 %RSD 28.655

#1 1.1280
 #2 .66452
 #3 .76332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5158.6	63253.	5890.3	75.643	5469.6
Stddev	17.4	141.	57.4	2.127	21.6
%RSD	.33808	.22225	.97484	2.8115	.39564

#1	5155.9	63157.	5835.1	73.701	5471.1
#2	5142.7	63414.	5886.0	77.916	5447.2
#3	5177.3	63187.	5949.7	75.312	5490.4

Sample Name: CCV06 Acquired: 4/24/2019 16:44:11 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8673	4.9882	4.9010	4.9403	4.9004	9.6353	9.8316	.24564
Stddev	.0279	.0168	.0236	.0168	.0214	.0526	.0288	.00040
%RSD	.57325	.33686	.48136	.34095	.43683	.54627	.29285	.16394
#1	4.8360	4.9688	4.8738	4.9325	4.8790	9.5782	9.8025	.24564
#2	4.8894	4.9981	4.9139	4.9596	4.9003	9.6818	9.8322	.24604
#3	4.8766	4.9977	4.9153	4.9287	4.9219	9.6458	9.8600	.24523
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4319	24.603	.97778	2.4324	1.2271	4.9052	2.4681	24.495
Stddev	.0120	.124	.00065	.0121	.0053	.0084	.0038	.171
%RSD	.49353	.50333	.06627	.49632	.43409	.17083	.15277	.69921
#1	2.4181	24.524	.97819	2.4185	1.2210	4.9139	2.4673	24.300
#2	2.4399	24.539	.97811	2.4393	1.2305	4.8971	2.4649	24.621
#3	2.4377	24.746	.97703	2.4395	1.2300	4.9045	2.4723	24.565
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4352	1.2178	24.345	2.4552	2.4372	24.035	4.9175	4.7554
Stddev	.0097	.0036	.047	.0022	.0103	.145	.0217	.0307
%RSD	.39975	.29498	.19309	.08994	.42333	.60217	.44088	.64650
#1	2.4246	1.2173	24.301	2.4528	2.4254	23.869	4.8939	4.7199
#2	2.4437	1.2216	24.341	2.4560	2.4447	24.137	4.9366	4.7716
#3	2.4373	1.2145	24.394	2.4570	2.4414	24.097	4.9219	4.7746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8092	4.7049	4.8713	4.8197	4.7988	5.005	4.9489	F 3.4052
Stddev	.0358	.0136	.0203	.0225	.0202	.012	.0231	.1466
%RSD	.74520	.28938	.41761	.46745	.41980	.2403	.46756	4.3047
#1	4.7721	4.7092	4.8496	4.8258	4.7893	4.991	4.9586	3.4216
#2	4.8437	4.6896	4.8900	4.7947	4.7852	5.013	4.9225	3.2511
#3	4.8117	4.7158	4.8742	4.8385	4.8220	5.010	4.9657	3.5429

Sample Name: CCV06 Acquired: 4/24/2019 16:44:11 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14886 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9536
Stddev .1046
%RSD 3.5425

#1 3.0720
#2 2.8739
#3 2.9148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4939.7	60269.	5658.7	71.650	4887.3
Stddev	10.8	158.	24.1	.510	11.7
%RSD	.21895	.26161	.42567	.71157	.23963

#1	4952.0	60174.	5633.1	71.101	4900.6
#2	4935.2	60183.	5680.8	71.741	4883.1
#3	4931.8	60451.	5662.2	72.109	4878.3

Sample Name: CCB06 Acquired: 4/24/2019 16:48:10 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00140	-.00018	-.00114	-.00203	-.01596	.00179
Stddev	.00119	.00059	.00079	.00242	.00008	.00526	.00016
%RSD	1033.3	42.354	449.98	212.98	3.7692	32.943	9.0771

#1	.00068	.00081	-.00002	-.00248	-.00208	-.01270	.00175
#2	.00092	.00141	.00053	-.00259	-.00194	-.01316	.00197
#3	-.00126	.00199	-.00103	.00166	-.00207	-.02203	.00165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00001	-.00451	-.00023	-.00008	-.00037	-.00053
Stddev	.00001	.00011	.02003	.00022	.00010	.00017	.00025
%RSD	16.752	1109.6	443.90	96.062	122.08	46.249	48.176

#1	-.00004	-.00001	.01085	-.00043	.00003	-.00042	-.00048
#2	-.00005	-.00009	.00278	.00001	-.00010	-.00018	-.00030
#3	-.00005	.00013	-.02717	-.00029	-.00017	-.00051	-.00080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.04114	.00073	.00004	-.00147	-.00021	-.00043
Stddev	.00005	.06333	.00030	.00017	.00371	.00022	.00004
%RSD	383.90	153.93	41.512	410.74	252.36	103.20	9.7167

#1	.00000	-.08250	.00102	.00023	.00248	.00003	-.00045
#2	.00003	-.07270	.00075	.00000	-.00201	-.00038	-.00038
#3	-.00007	.03177	.00042	-.00010	-.00488	-.00028	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07349	.00059	.01047	F -.06605	-.00034	.00027	-.00071
Stddev	.02015	.00017	.01468	.00076	.00066	.00036	.00149
%RSD	27.421	29.563	140.21	1.1436	192.40	136.76	208.41

#1	.07179	.00075	.00424	-.06641	.00042	.00037	.00040
#2	.09443	.00061	-.00007	-.06518	-.00071	-.00014	-.00014
#3	.05424	.00040	.02725	-.06657	-.00073	.00057	-.00241

Sample Name: CCB06 Acquired: 4/24/2019 16:48:10 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14886 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00360	-.0023	.00002	F 2.3213	F .31498
Stddev	.00072	.0009	.00003	.1194	.18077
%RSD	20.107	38.34	106.92	5.1426	57.391

#1	-.00332	-.0030	.00004	2.4580	.36039
#2	-.00442	-.0027	-.00001	2.2380	.46872
#3	-.00306	-.0013	.00004	2.2679	.11584

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5241.6	64207.	5852.4	76.683	5668.6
Stddev	8.4	308.	28.8	1.253	8.0
%RSD	.15976	.47902	.49285	1.6338	.14055

#1	5232.2	63863.	5830.8	75.239	5659.7
#2	5244.7	64305.	5885.1	77.341	5675.0
#3	5248.0	64454.	5841.2	77.470	5671.2

Sample Name: K2508-01 Acquired: 4/24/2019 17:19:51 Type: Unk
Method: P4-ICP2(v3068) 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	.00046	.00113	.00711	-.00136	-.00175	-.00873	.00459	.00001
Stddev	.00032	.00087	.00026	.00135	.00076	.01341	.00020	.00005
%RSD	70.019	77.356	3.7126	98.878	43.134	153.61	4.2649	384.89

#1	.00076	.00206	.00738	-.00290	-.00260	-.02403	.00479	.00004
#2	.00012	.00098	.00685	-.00042	-.00115	.00101	.00440	.00004
#3	.00050	.00034	.00711	-.00076	-.00150	-.00317	.00457	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.17463	.00005	-.00022	.01500	.00913	.00052	-.02525
Stddev	.00005	.00576	.00016	.00020	.00027	.00057	.00002	.02739
%RSD	847.05	3.3009	339.61	91.888	1.8068	6.2896	4.3174	108.50

#1	-.00005	.17121	-.00014	-.00044	.01530	.00897	.00054	-.05359
#2	-.00001	.18129	.00014	-.00008	.01478	.00865	.00053	.00108
#3	.00004	.17140	.00014	-.00012	.01493	.00977	.00050	-.02323

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00060	48.253	-.00009	.02410	.06371	-.00004	.00124
Stddev	.00031	.00014	.188	.00031	.00004	.02106	.00021	.00383
%RSD	150.28	23.626	.38962	335.15	.16037	33.058	498.24	307.70

#1	.00057	.00053	48.074	.00016	.02406	.06636	.00016	.00566
#2	.00007	.00051	48.449	-.00044	.02414	.04145	-.00026	-.00113
#3	-.00001	.00077	48.235	.00000	.02410	.08333	-.00002	-.00080

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05032	.00841	-.00037	-.00063	-.00546	-.0012	.00045	2.9808
Stddev	.00102	.00332	.00014	.00050	.00195	.0015	.00013	.0861
%RSD	2.0349	39.505	39.079	79.657	35.704	128.0	29.575	2.8883

#1	-.04915	.01130	-.00053	-.00092	-.00738	.0004	.00060	2.8932
#2	-.05077	.00478	-.00034	-.00092	-.00554	-.0027	.00035	2.9838
#3	-.05104	.00915	-.00024	-.00005	-.00348	-.0013	.00040	3.0653

Sample Name: K2508-01 Acquired: 4/24/2019 17:19:51 Type: Unk
 Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .05871
 Stddev .34443
 %RSD 586.62

#1 .28457
 #2 -.33772
 #3 .22929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5087.9	62442.	5841.7	75.135	5245.8
Stddev	2.6	222.	26.0	1.124	7.0
%RSD	.05071	.35607	.44516	1.4958	.13329

#1	5087.7	62588.	5818.9	76.413	5253.9
#2	5090.6	62187.	5836.1	74.688	5241.2
#3	5085.4	62553.	5870.0	74.303	5242.5

Sample Name: CCV07 Acquired: 4/24/2019 17:24:19 Type: Unk
Method: P4-ICP2(v3068) 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	4.7954	4.9213	4.8238	4.8716	4.8111	9.6043	9.8086	.24679
Stddev	.0067	.0069	.0064	.0056	.0043	.0359	.0278	.00034
%RSD	.13935	.14122	.13334	.11573	.08898	.37382	.28293	.13925
#1	4.8014	4.9258	4.8163	4.8705	4.8066	9.5637	9.8390	.24714
#2	4.7967	4.9133	4.8276	4.8667	4.8151	9.6320	9.7847	.24675
#3	4.7882	4.9249	4.8274	4.8778	4.8117	9.6171	9.8021	.24646
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3935	24.746	.97806	2.4018	1.2101	4.9072	2.4816	24.501
Stddev	.0033	.068	.00388	.0021	.0016	.0225	.0093	.120
%RSD	.13880	.27660	.39668	.08632	.13153	.45942	.37542	.48832
#1	2.3899	24.724	.98218	2.3995	1.2083	4.9323	2.4916	24.602
#2	2.3965	24.823	.97447	2.4023	1.2110	4.8886	2.4733	24.369
#3	2.3941	24.691	.97753	2.4036	1.2110	4.9008	2.4798	24.532
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3951	1.2158	24.329	2.4496	2.4043	23.795	4.8407	4.7378
Stddev	.0069	.0048	.077	.0105	.0011	.118	.0053	.0379
%RSD	.28985	.39701	.31599	.42920	.04597	.49707	.10888	.79918
#1	2.3871	1.2193	24.395	2.4604	2.4034	23.924	4.8346	4.7096
#2	2.3988	1.2103	24.245	2.4394	2.4055	23.691	4.8442	4.7229
#3	2.3994	1.2178	24.348	2.4489	2.4040	23.771	4.8432	4.7808
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7645	4.7188	4.8336	4.8995	4.7243	4.950	4.9313	F 3.4877
Stddev	.0037	.0190	.0018	.0074	.0153	.001	.0163	.1494
%RSD	.07725	.40185	.03804	.15135	.32274	.0225	.32968	4.2845
#1	4.7687	4.7405	4.8316	4.9011	4.7334	4.951	4.9433	3.6597
#2	4.7617	4.7102	4.8352	4.9059	4.7328	4.948	4.9377	3.3902
#3	4.7631	4.7056	4.8341	4.8914	4.7067	4.950	4.9128	3.4132

Sample Name: CCV07 Acquired: 4/24/2019 17:24:19 Type: Unk
Method: P4-ICP2(v3068) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5527
Stddev .2680
%RSD 10.497

#1 2.5729
#2 2.8099
#3 2.2752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5040.5	60881.	5733.3	72.132	4981.1
Stddev	4.9	258.	29.5	1.191	5.5
%RSD	.09647	.42394	.51427	1.6510	.11086

#1	5035.2	60601.	5703.9	72.440	4977.0
#2	5041.7	61109.	5733.0	73.138	4978.8
#3	5044.7	60932.	5762.9	70.817	4987.4

Sample Name: CCB07 Acquired: 4/24/2019 17:28:16 Type: Unk
Method: P4-ICP2(v3068) 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	.00115	-.00021	.00039	-.00018	.00055	-.02187	.00079
Stddev	.00039	.00030	.00010	.00198	.00076	.00969	.00036
%RSD	34.319	143.35	25.978	1094.5	138.50	44.308	45.401

#1	.00143	-.00015	.00037	.00210	.00079	-.02643	.00086
#2	.00132	.00006	.00049	-.00120	.00116	-.02845	.00040
#3	.00070	-.00053	.00029	-.00144	-.00030	-.01074	.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00002	.00409	-.00014	.00006	-.00037	-.00081
Stddev	.00001	.00004	.00960	.00016	.00020	.00028	.00040
%RSD	28.237	219.73	234.73	117.21	329.50	76.276	48.909

#1	.00006	.00006	-.00148	-.00023	.00018	-.00042	-.00118
#2	.00003	.00000	-.00143	-.00024	-.00017	-.00006	-.00039
#3	.00006	-.00001	.01518	.00005	.00017	-.00061	-.00087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.06421	.00053	.00027	-.00323	-.00003	-.00041
Stddev	.00005	.09626	.00031	.00032	.00857	.00012	.00005
%RSD	578.69	149.90	58.718	118.19	265.34	379.53	11.780

#1	.00006	-.07176	.00087	.00043	-.01302	.00006	-.00036
#2	-.00004	.03559	.00024	-.00010	.00292	-.00017	-.00042
#3	-.00000	-.15647	.00049	.00047	.00041	.00001	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07252	.00041	.00446	F -.06690	-.00049	.00012	-.00133
Stddev	.01480	.00024	.00705	.00201	.00100	.00028	.00228
%RSD	20.405	58.325	158.00	3.0118	203.16	233.06	170.80

#1	.05545	.00060	.00703	-.06458	-.00092	.00037	.00128
#2	.08032	.00014	-.00351	-.06792	-.00121	.00018	-.00290
#3	.08178	.00049	.00987	-.06820	.00065	-.00018	-.00239

Sample Name: CCB07 Acquired: 4/24/2019 17:28:16 Type: Unk
 Method: P4-ICP2(v3068) 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	-.0014	.00003	F 2.4418	F .16976
Stddev	.00172	.0008	.00010	.0559	.19073
%RSD	54.870	57.24	376.88	2.2884	112.35
#1	-.00508	-.0023	-.00009	2.4329	-.05043
#2	-.00181	-.0010	.00012	2.5016	.28367
#3	-.00252	-.0009	.00005	2.3909	.27603
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5247.3	64449.	5835.0	76.239	5669.3
Stddev	14.5	205.	28.4	2.577	10.1
%RSD	.27545	.31823	.48736	3.3799	.17799
#1	5231.7	64274.	5808.5	74.825	5660.1
#2	5250.1	64398.	5831.5	74.680	5667.8
#3	5260.2	64675.	5865.1	79.214	5680.1