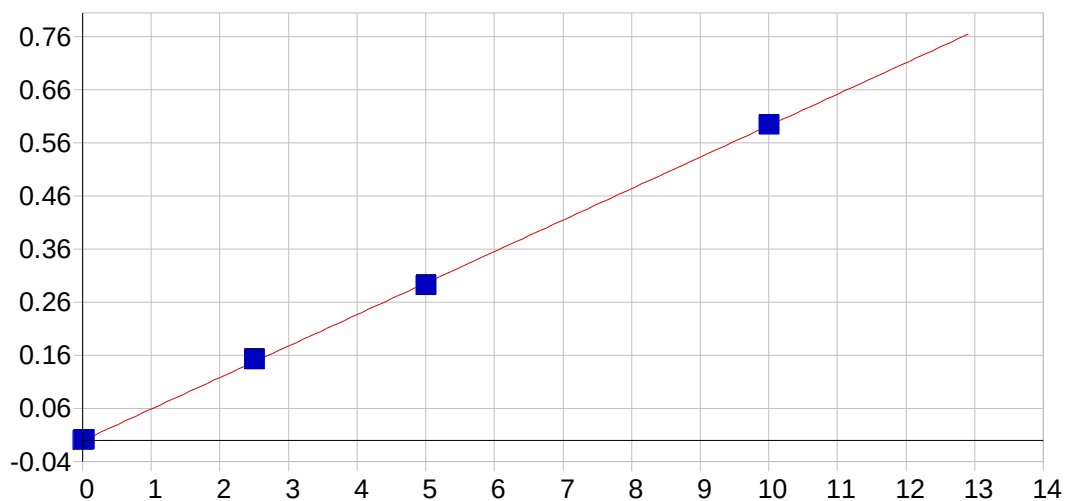


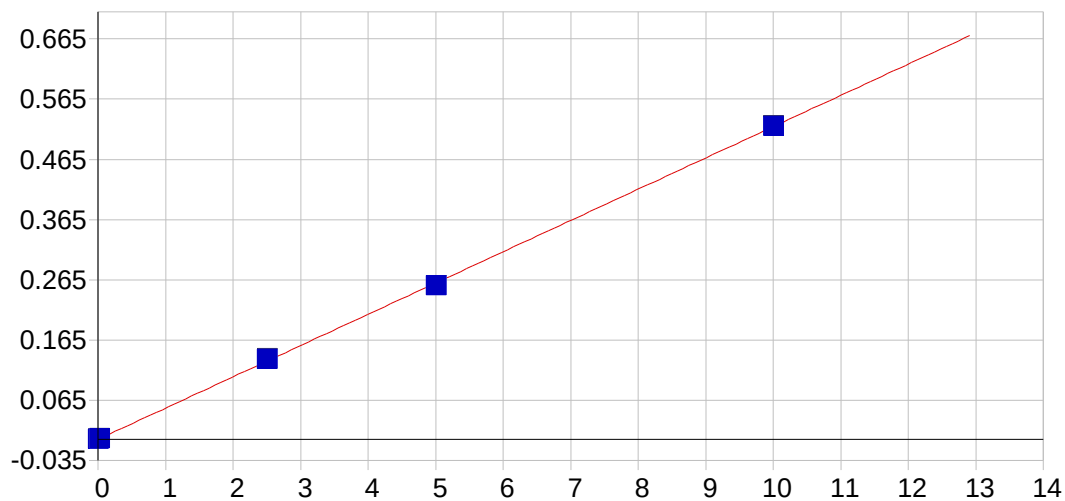


As 189.042 {478}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000337 Re-Slope: 1.000000
 A1 (Gain): 0.059291 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002537
 Predicted MQL: 0.008456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.02000	.01990	-.000	-.510	.00084	.000	1
S3	2.5000	2.5692	.069	2.77	.15198	.000	1
S4	5.0000	4.9159	-.084	-1.68	.29111	.002	1
S5	10.000	10.015	.015	.150	.59342	.001	1



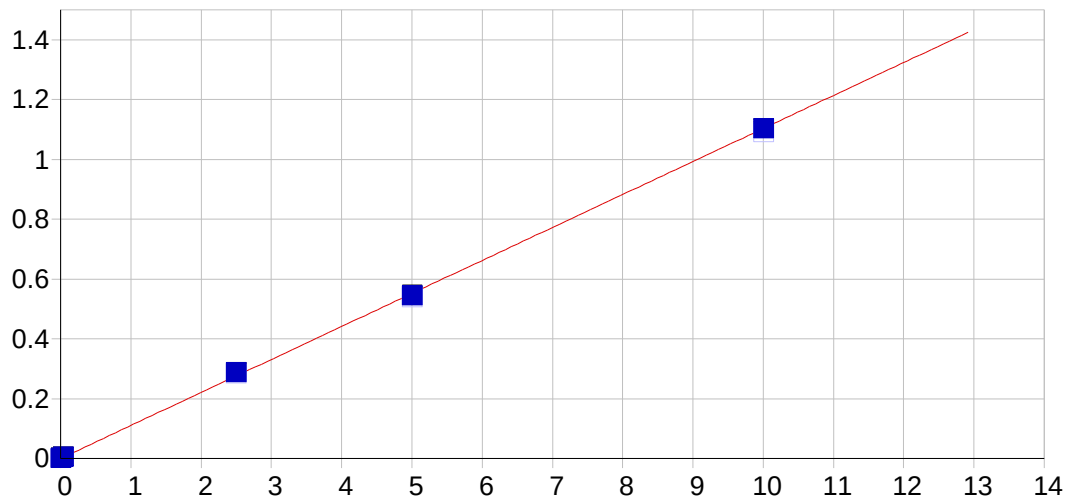
As 189.042 {479}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000

A1 (Gain): 0.051929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002083
 Predicted MQL: 0.006943

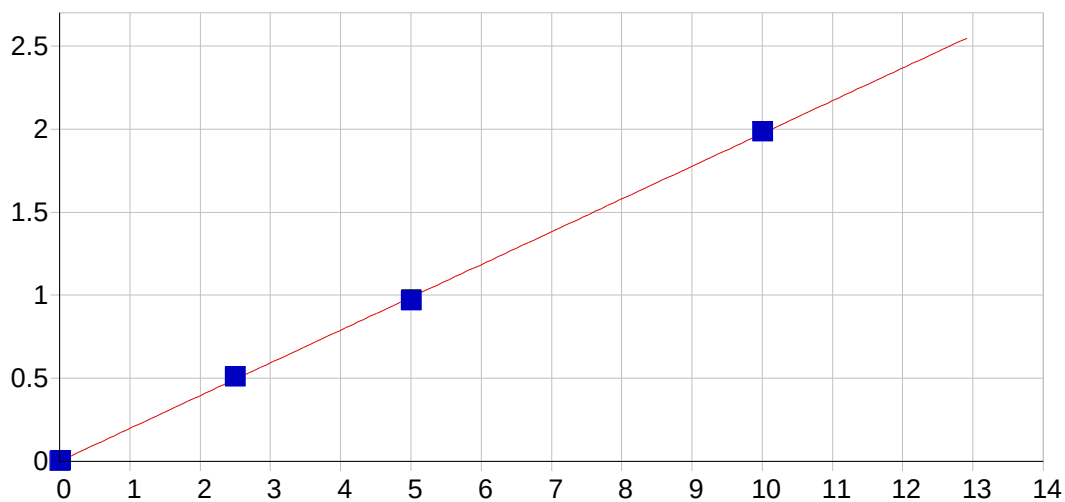
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02169	.002	8.46	.00111	.000	1
S3	2.5000	2.5698	.070	2.79	.13343	.000	1
S4	5.0000	4.9197	-.080	-1.61	.25545	.000	1
S5	10.000	10.009	.009	.089	.51973	.001	1



Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.110312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001105
 Predicted MQL: 0.003683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.04000	.04017	.000	.435	.00443	.000	1
S3	2.5000	2.5923	.092	3.69	.28325	.001	1
S4	5.0000	4.9283	-.072	-1.43	.53811	.002	1
S5	10.000	9.9792	-.021	-.208	1.0896	.002	1

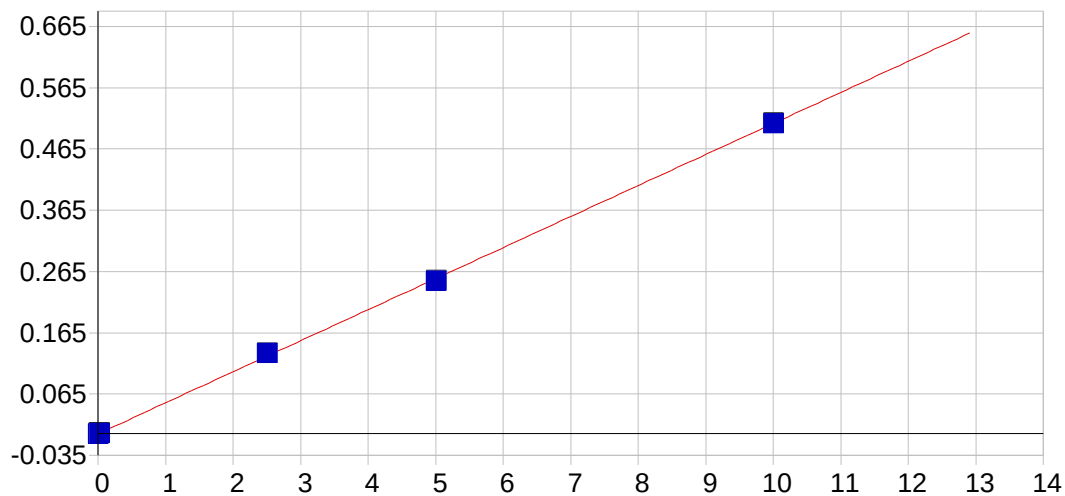


Pb 220.353 {453}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001220 Re-Slope: 1.000000
 A1 (Gain): 0.197204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.000946
 Predicted MQL: 0.003154

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00122	.000	1
S1	.01200	.01100	-.001	-8.30	.00335	.000	1
S3	2.5000	2.5622	.062	2.49	.50582	.000	1
S4	5.0000	4.8931	-.107	-2.14	.96481	.004	1
S5	10.000	10.046	.046	.457	1.9796	.001	1



Se 196.090 {472}

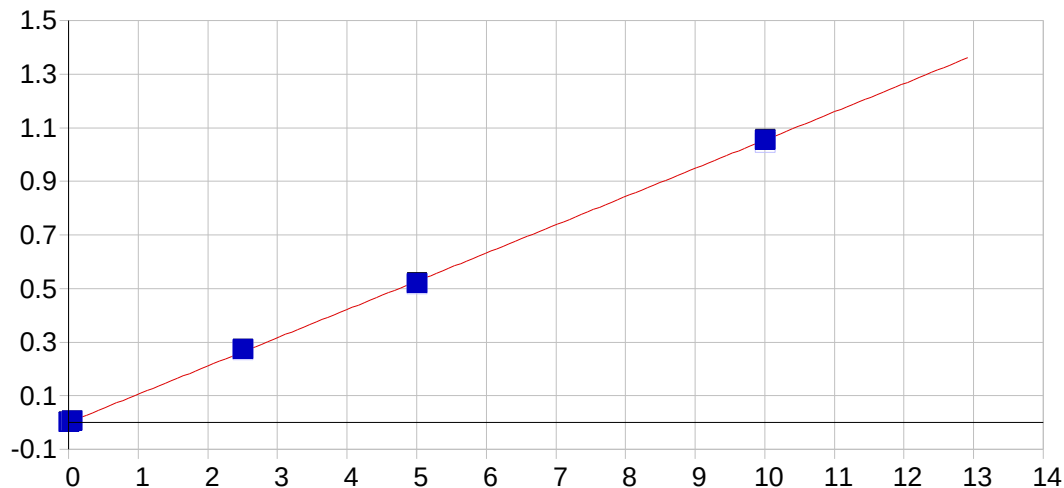
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.050666 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000018
 Predicted MDL: 0.002616
 Predicted MQL: 0.008720

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.02000	.02002	.000	.093	.00098	.000	1
S3	2.5000	2.5831	.083	3.33	.13081	.000	1
S4	5.0000	4.9279	-.072	-1.44	.24959	.000	1
S5	10.000	9.9889	-.011	-.111	.50595	.001	1



Sb 206.833 {463}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

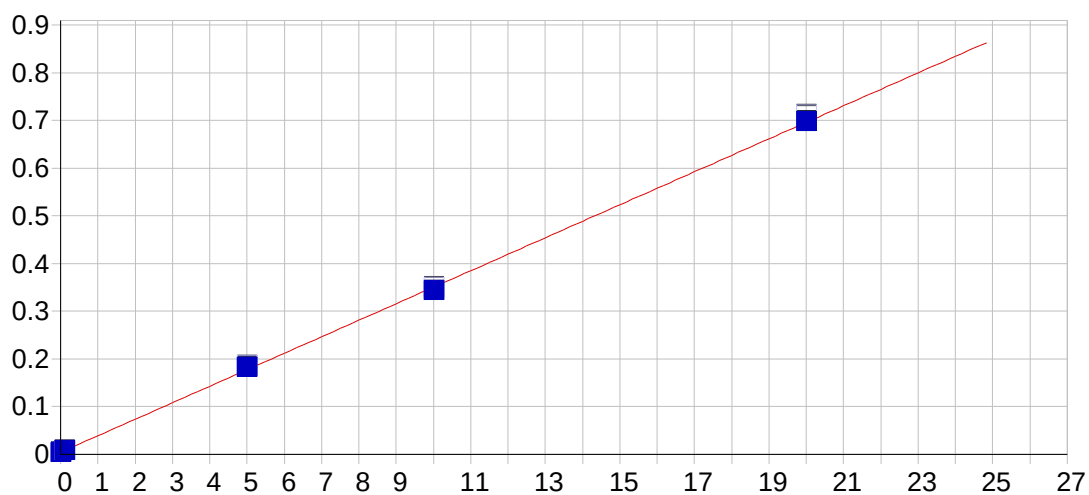
Weighting: 1/Conc

A0 (Offset): 0.000127
 A1 (Gain): 0.105354
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000056
 Predicted MDL: 0.001614
 Predicted MQL: 0.005378

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	.00013	.000	1
S1	.05000	.05238	.002	4.77	.00551	.000	1
S3	2.5000	2.5752	.075	3.01	.26848	.001	1
S4	5.0000	4.9283	-.072	-1.43	.51341	.002	1
S5	10.000	9.9941	-.006	-.059	1.0412	.003	1

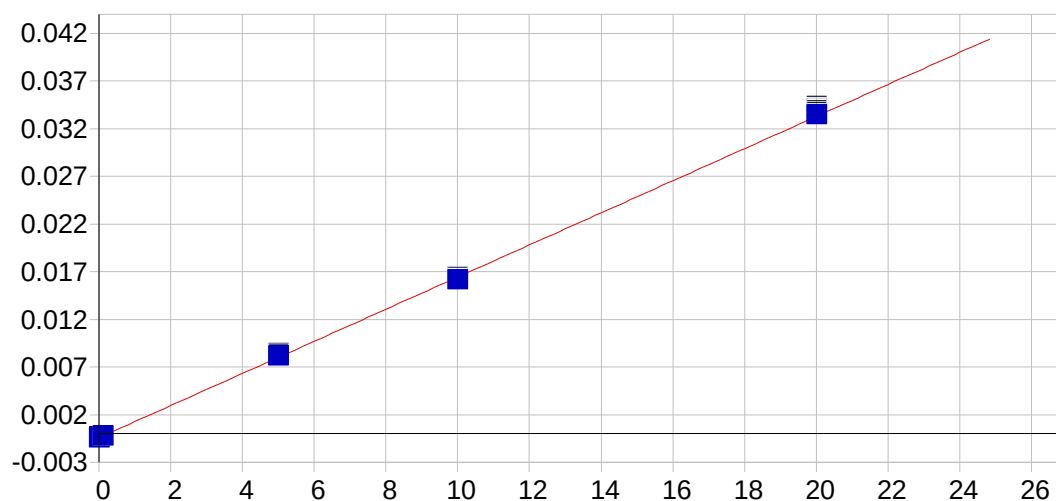


AI 308.215 {109}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004455 Re-Slope: 1.000000
 A1 (Gain): 0.034599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002522
 Predicted MQL: 0.008407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00445	.000	1
S1	.10000	.11248	.012	12.5	.00859	.000	1
S3	5.0000	5.1455	.146	2.91	.18593	.000	1
S4	10.000	9.7994	-.201	-2.01	.35040	.001	1
S5	20.000	20.042	.042	.210	.71168	.001	1



AI 309.271 {109}

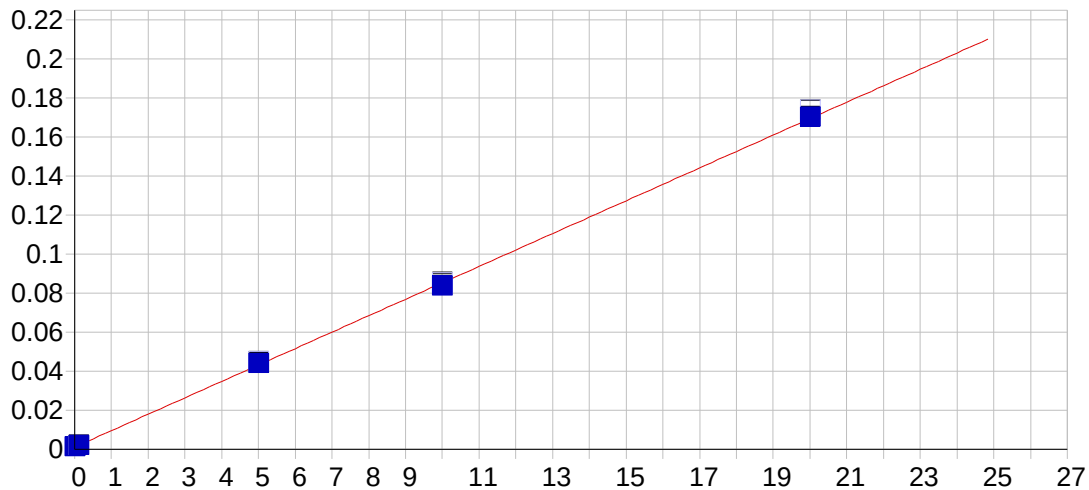
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000415 Re-Slope: 1.000000
 A1 (Gain): 0.001684 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000002
 Predicted MDL: 0.031446
 Predicted MQL: 0.104819

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00042	.000	1
S1	.10000	.08107	-.019	-18.9	-.00027	.000	1
S3	5.0000	5.1011	.101	2.02	.00834	.000	1
S4	10.000	9.8174	-.183	-1.83	.01646	.000	1
S5	20.000	20.101	.101	.507	.03411	.000	1

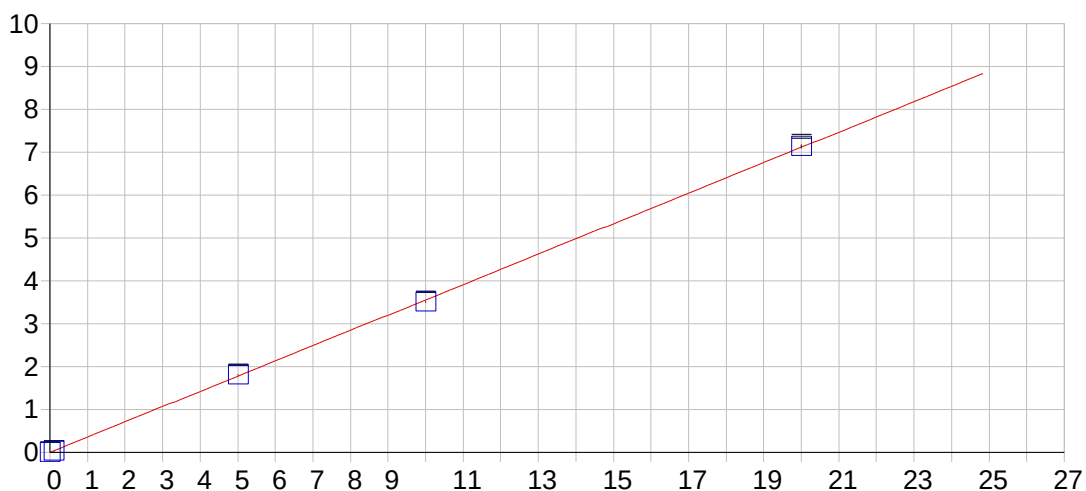


AI 396.152 { 85}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001151 Re-Slope: 1.000000
 A1 (Gain): 0.008416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.011108
 Predicted MQL: 0.037025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00115	.000	1
S1	.10000	.09976	-.000	-.240	.00205	.000	1
S3	5.0000	5.0980	.098	1.96	.04489	.000	1
S4	10.000	9.7994	-.201	-2.01	.08530	.000	1
S5	20.000	20.103	.103	.515	.17368	.000	1

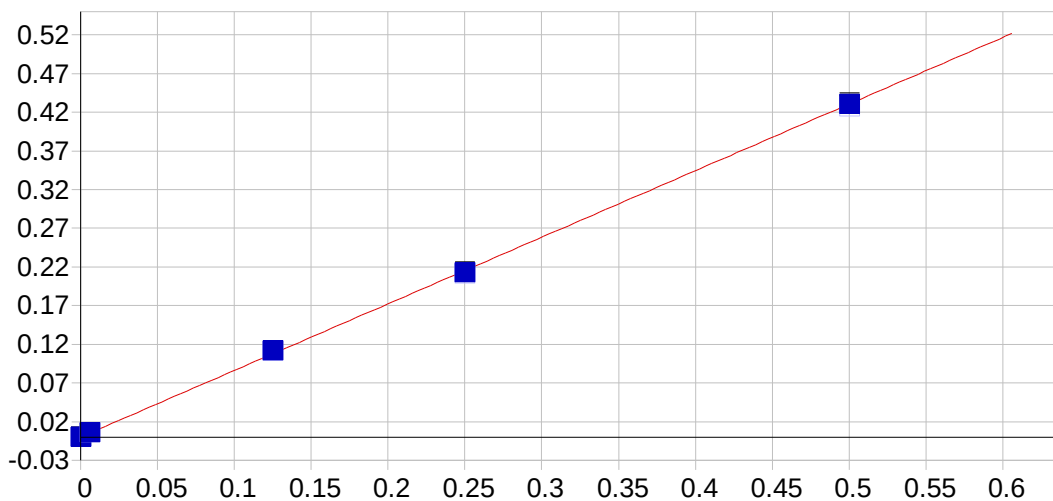


Ba 493.409 { 68}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000864 Re-Slope: 1.000000
 A1 (Gain): 0.355615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000254
 Predicted MDL: 0.000501
 Predicted MQL: 0.001670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00086	.000	1
S1	.10000	.10171	.002	1.71	.03703	.000	1
S3	5.0000	5.0720	.072	1.44	1.8045	.010	1
S5	20.000	20.061	.061	.306	7.1349	.044	1
S4	10.000	9.8652	-.135	-1.35	3.5091	.017	1



Be 234.861 {144}

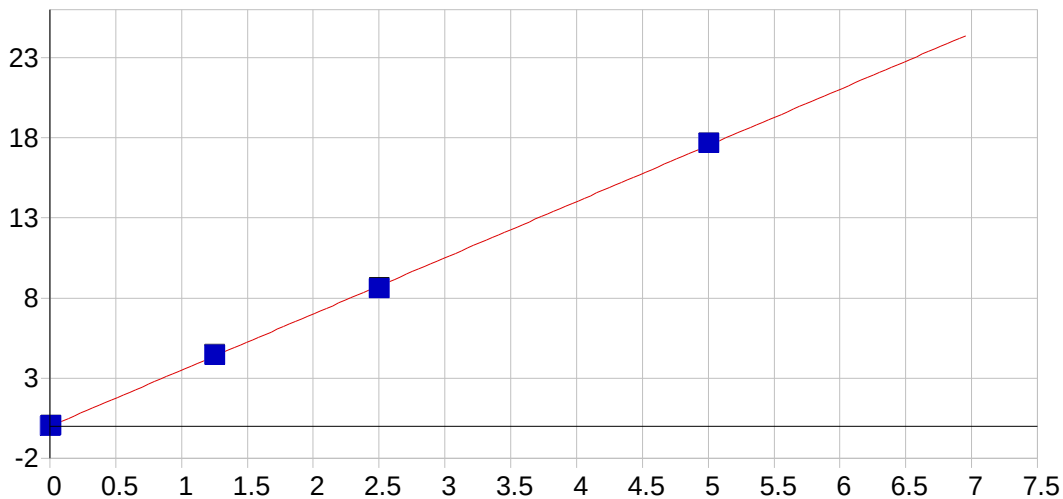
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.861055 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000038
 Predicted MDL: 0.000065
 Predicted MQL: 0.000215

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.00600	.00622	.000	3.66	.00537	.000	1
S3	.12500	.12921	.004	3.37	.11065	.000	1
S4	.25000	.24667	-.003	-1.33	.21111	.001	1
S5	.50000	.49889	-.001	-.221	.42694	.002	1



Cd 226.502 {449}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

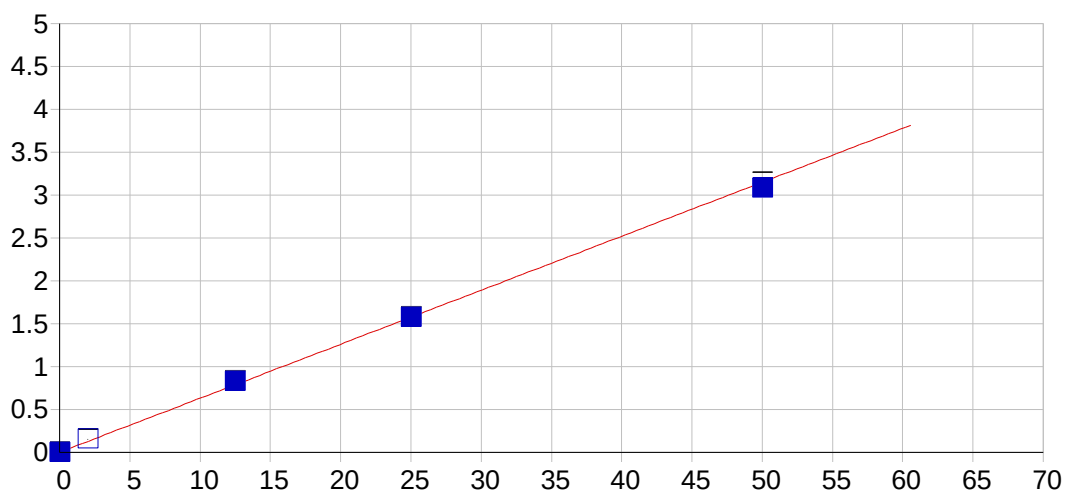
Weighting: 1/Conc

A0 (Offset): -0.000681
 A1 (Gain): 3.505277
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911
 Std Error of Est: 0.000437
 Predicted MDL: 0.000067
 Predicted MQL: 0.000225

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	-.00068	.000	1
S1	.00600	.00581	-.000	-3.15	.01973	.000	1
S3	1.2500	1.2694	.019	1.56	4.4501	.011	1
S4	2.5000	2.4490	-.051	-2.04	8.5856	.022	1
S5	5.0000	5.0318	.032	.636	17.641	.024	1

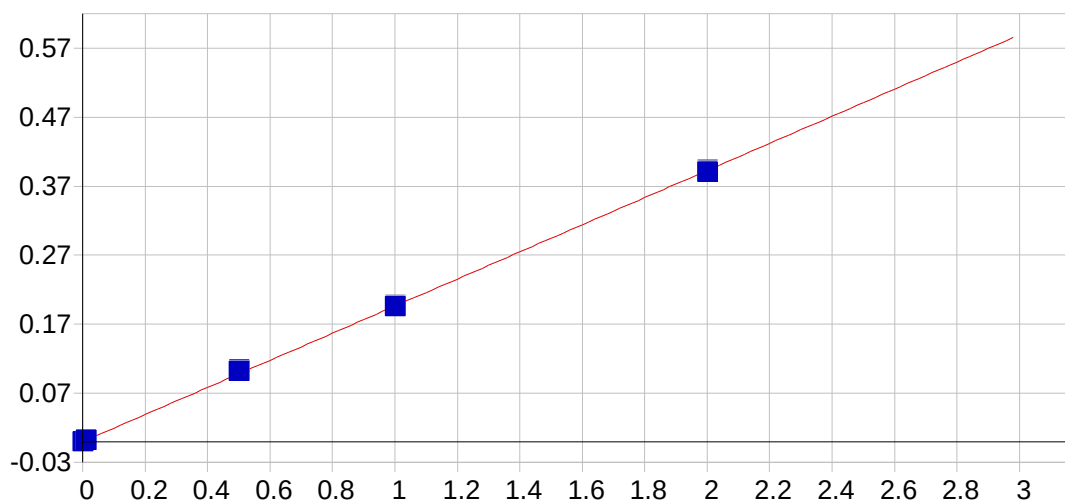


Ca 373.690 { 90}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001585 Re-Slope: 1.000000
 A1 (Gain): 0.062968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999201 Status: OK.
 Std Error of Est: 0.001375
 Predicted MDL: 0.014937
 Predicted MQL: 0.049789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.4084	.408	20.4	.15324	.001	1
S0	.00000	-.00047	-.000	.000	.00156	.001	1
S3	12.500	13.173	.673	5.38	.83147	.003	1
S4	25.000	25.003	.003	.012	1.5768	.003	1
S5	50.000	48.916	-1.08	-2.17	3.0834	.065	1



Cr 267.716 {126}

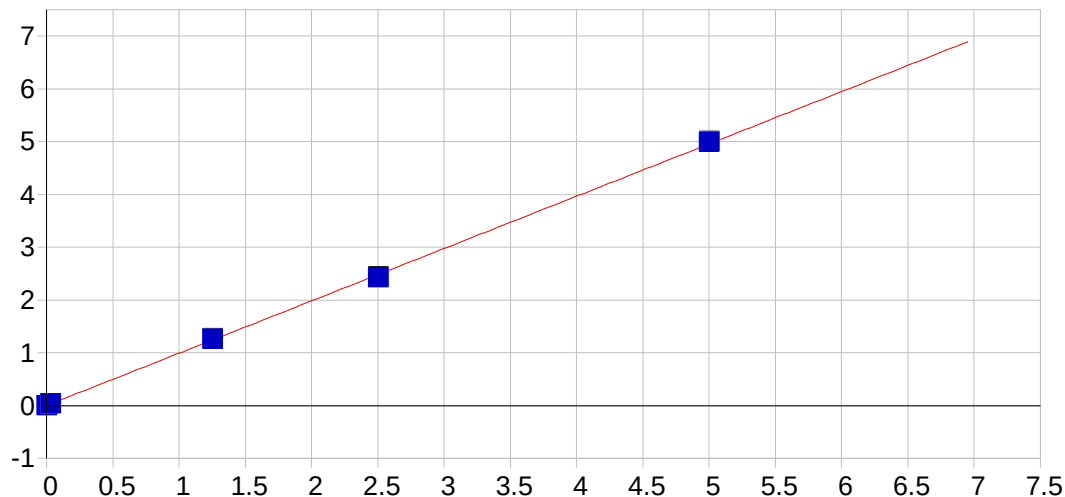
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.196472 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000025
 Predicted MDL: 0.000398
 Predicted MQL: 0.001326

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01019	.000	1.89	.00184	.000	1
S3	.50000	.52022	.020	4.04	.10281	.000	1
S4	1.0000	.99438	-.006	-.562	.19674	.001	1
S5	2.0000	1.9852	-.015	-.739	.39296	.000	1



Co 228.616 {447}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

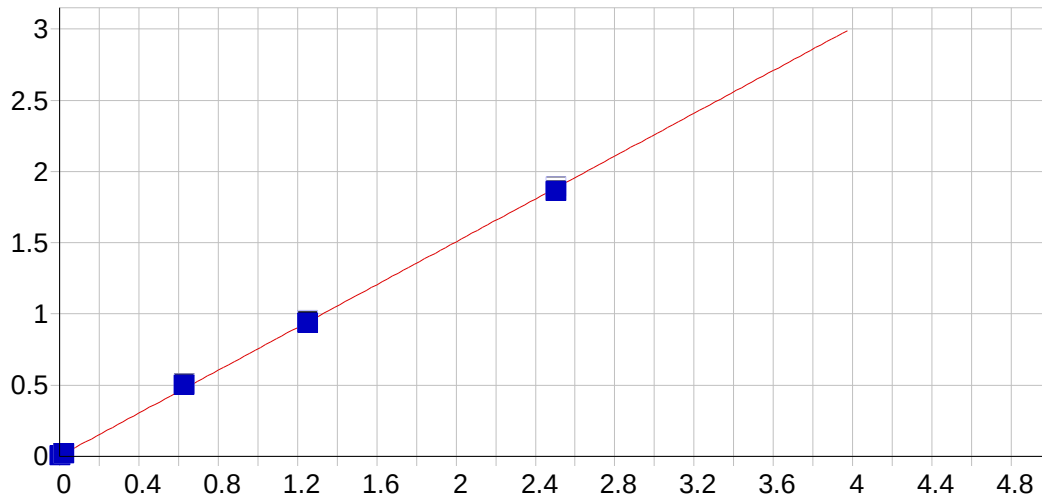
Weighting: 1/Conc

A0 (Offset): -0.000440
 A1 (Gain): 0.991453
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000304
 Predicted MDL: 0.000198
 Predicted MQL: 0.000661

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	-.00044	.000	1
S1	.03000	.02879	-.001	-4.03	.02790	.000	1
S3	1.2500	1.2707	.021	1.66	1.2604	.002	1
S4	2.5000	2.4444	-.056	-2.22	2.4251	.010	1
S5	5.0000	5.0360	.036	.720	4.9964	.006	1

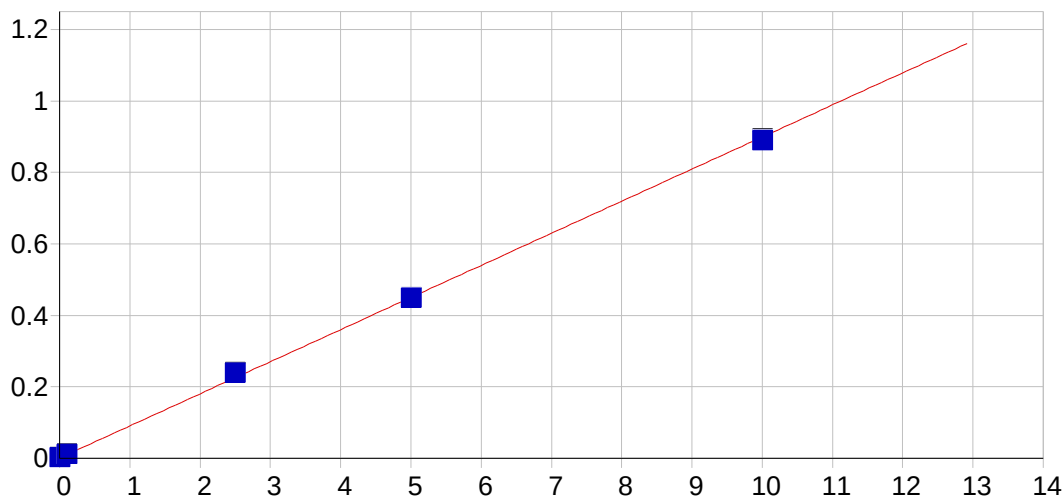


Cu 224.700 {450}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003018 Re-Slope: 1.000000
 A1 (Gain): 0.751790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999710 Status: OK.
 Std Error of Est: 0.000222
 Predicted MDL: 0.000334
 Predicted MQL: 0.001114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00302	.000	1
S1	.02000	.02153	.002	7.67	.01944	.000	1
S3	.62500	.66139	.036	5.82	.50784	.002	1
S4	1.2500	1.2402	-.010	-.783	.95058	.002	1
S5	2.5000	2.4719	-.028	-1.13	1.8917	.001	1



Fe 240.488 {140}

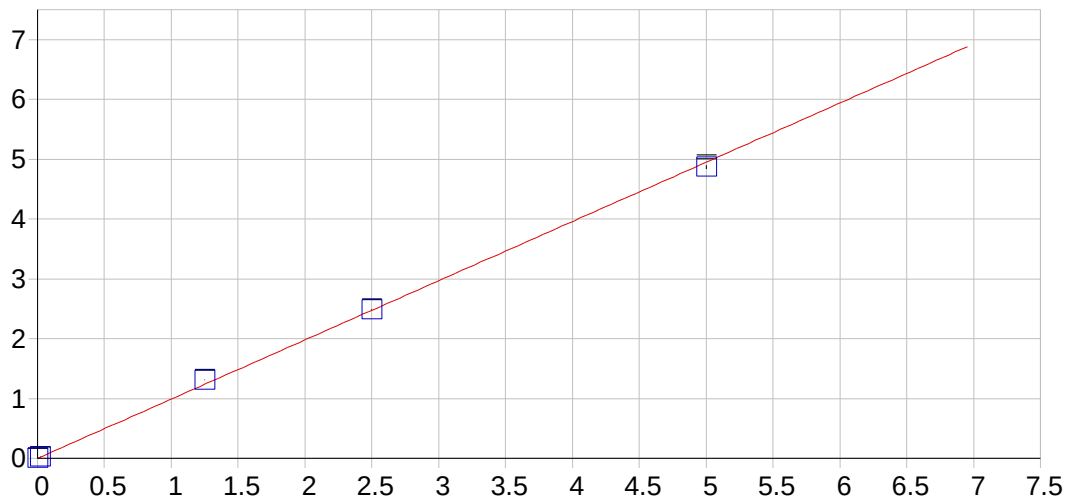
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000925 Re-Slope: 1.000000
 A1 (Gain): 0.089813 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743
 Std Error of Est: 0.000111
 Predicted MDL: 0.000656
 Predicted MQL: 0.002185

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00092	.000	1
S1	.10000	.10427	.004	4.27	.01033	.000	1
S3	2.5000	2.6371	.137	5.48	.23861	.001	1
S4	5.0000	4.9706	-.029	-.588	.44903	.001	1
S5	10.000	9.8880	-.112	-1.12	.89235	.000	1



Mn 257.610 {131}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

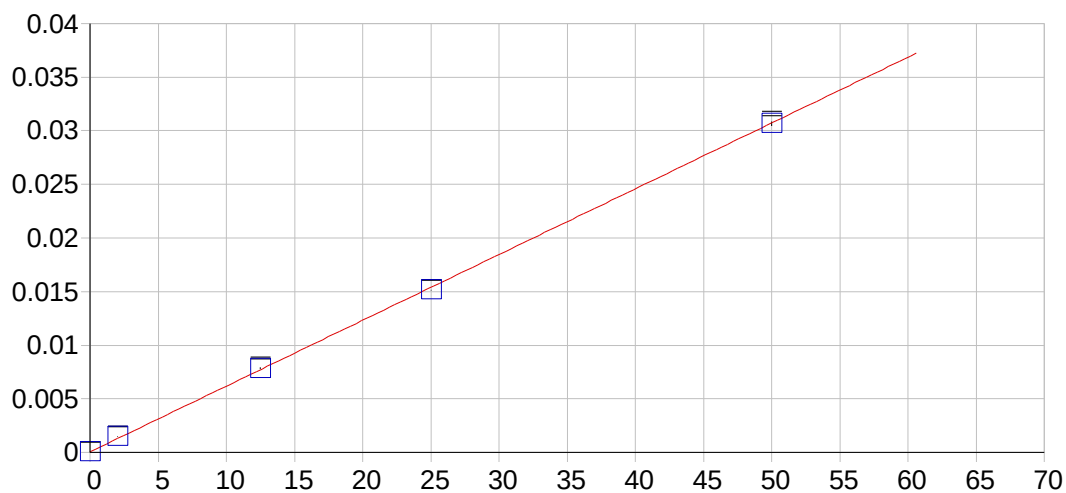
Weighting: 1/Conc

A0 (Offset): 0.000177
 A1 (Gain): 0.989813
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666
 Std Error of Est: 0.000437
 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	.00017	.000	1
S1	.02000	.02191	.002	9.55	.02186	.000	1
S3	1.2500	1.3228	.073	5.82	1.3095	.004	1
S4	2.5000	2.5092	.009	.369	2.4838	.004	1
S5	5.0000	4.9161	-.084	-1.68	4.8662	.030	1

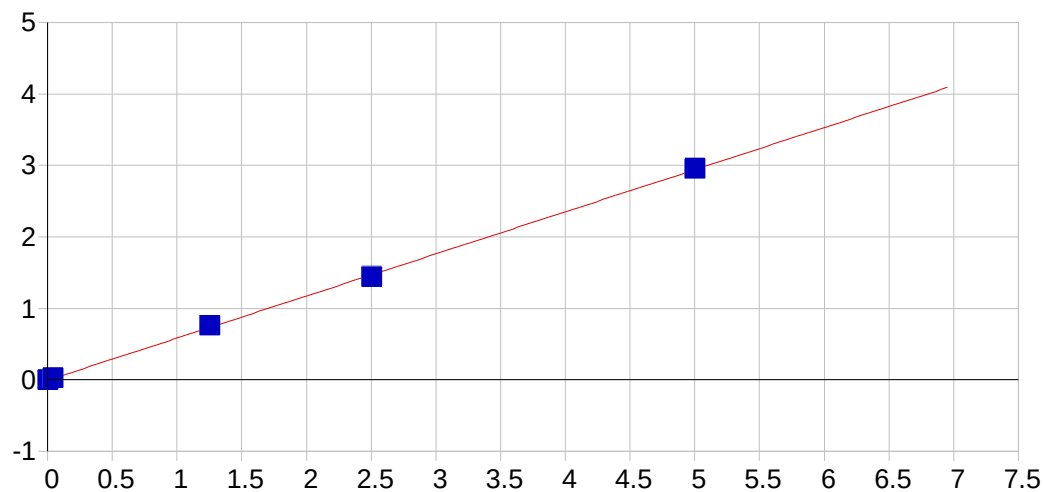


Mg 279.079 {121}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.000613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.044431
 Predicted MQL: 0.148102

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3123	.312	15.6	.00147	.000	1
S0	.00000	-.00031	-.000	.000	.00005	.000	1
S3	12.500	12.694	.194	1.55	.00784	.000	1
S4	25.000	24.588	-.412	-1.65	.01514	.000	1
S5	50.000	49.906	-.094	-.189	.03067	.000	1



Ni 231.604 {445}

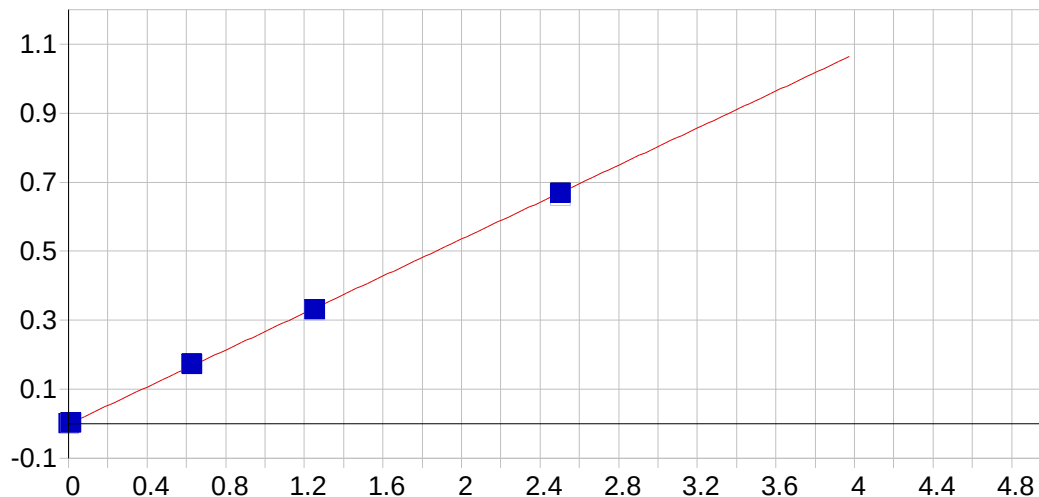
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005417 Re-Slope: 1.000000
 A1 (Gain): 0.589234 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000215
 Predicted MDL: 0.000352
 Predicted MQL: 0.001173

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00542	.000	1
S1	.04000	.03872	-.001	-3.19	.01741	.000	1
S3	1.2500	1.2850	.035	2.80	.75258	.001	1
S4	2.5000	2.4516	-.048	-1.94	1.4408	.005	1
S5	5.0000	5.0146	.015	.293	2.9526	.004	1



Ag 328.068 {103}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

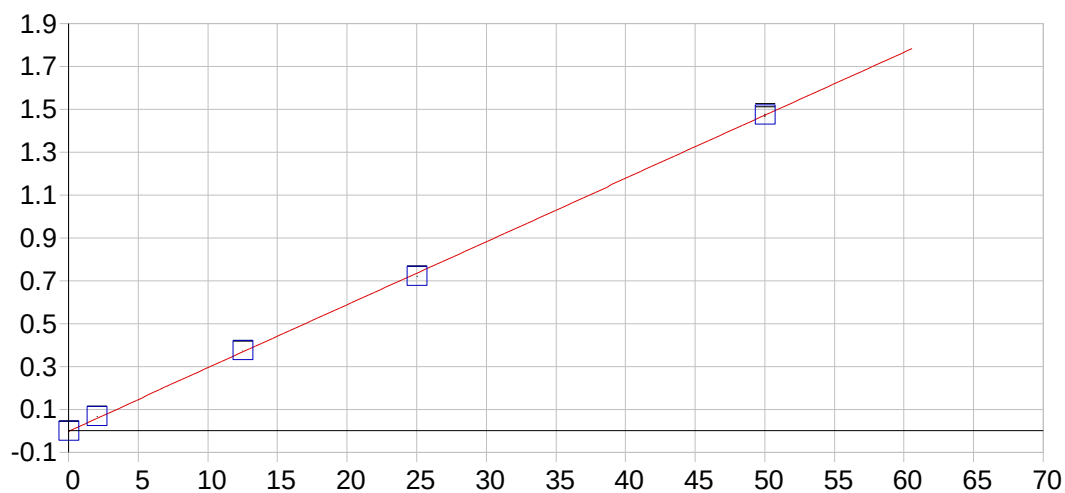
Weighting: 1/Conc

A0 (Offset): -0.000470
 A1 (Gain): 0.267882
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000035
 Predicted MDL: 0.000495
 Predicted MQL: 0.001651

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	-.00047	.000	1
S1	.01000	.01062	.001	6.25	.00232	.000	1
S3	.62500	.64737	.022	3.58	.17104	.000	1
S4	1.2500	1.2353	-.015	-1.18	.32664	.000	1
S5	2.5000	2.4917	-.008	-.332	.65939	.001	1

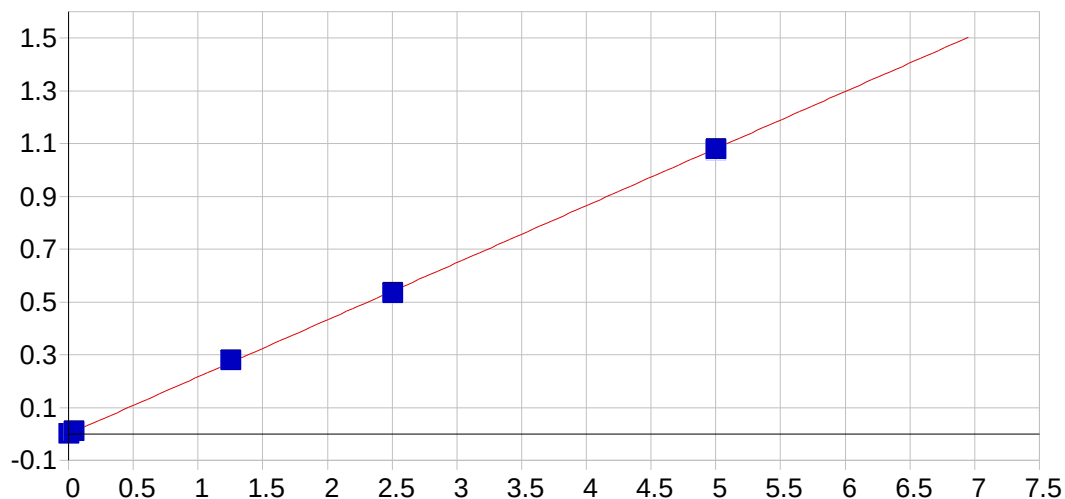


Na 589.592 { 57}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000471 Re-Slope: 1.000000
 A1 (Gain): 0.029450 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999710 Status: OK.
 Std Error of Est: 0.000387
 Predicted MDL: 0.008027
 Predicted MQL: 0.026758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2780	.278	13.9	.06662	.000	1
S0	.00000	-.00027	-.000	.000	-.00048	.000	1
S3	12.500	12.692	.192	1.54	.37331	.002	1
S4	25.000	24.495	-.505	-2.02	.72092	.001	1
S5	50.000	50.035	.035	.069	1.4731	.007	1



V 292.402 {115}

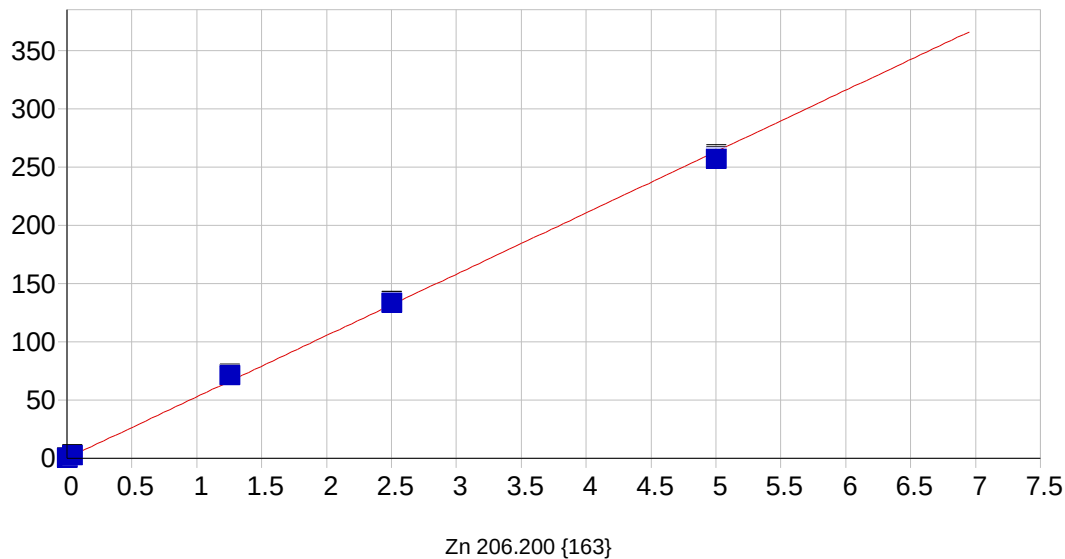
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000238 Re-Slope: 1.000000
 A1 (Gain): 0.216283 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000070
 Predicted MDL: 0.000415
 Predicted MQL: 0.001384

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.04000	.04117	.001	2.93	.00853	.000	1
S3	1.2500	1.2885	.038	3.08	.27667	.000	1
S4	2.5000	2.4708	-.029	-1.17	.53062	.001	1
S5	5.0000	4.9895	-.010	-.209	1.0718	.001	1



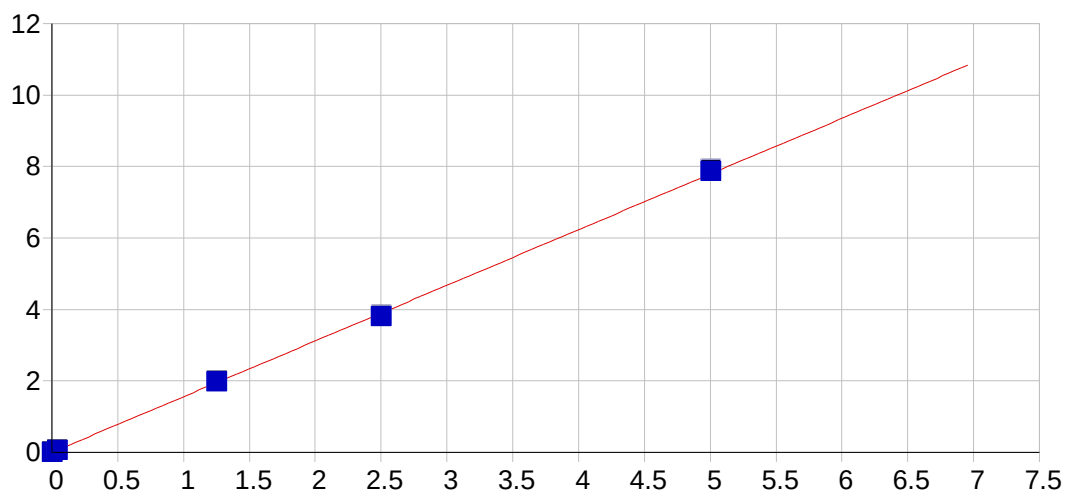
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.131240
 A1 (Gain): 52.621825
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999364
 Std Error of Est: 0.045709
 Predicted MDL: 0.000394
 Predicted MQL: 0.001315

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	.13090	.032	1
S1	.04000	.04397	.004	9.94	2.4591	.036	1
S3	1.2500	1.3477	.098	7.82	71.449	.661	1
S4	2.5000	2.5226	.023	.904	133.67	.979	1
S5	5.0000	4.8757	-.124	-2.49	258.29	2.11	1

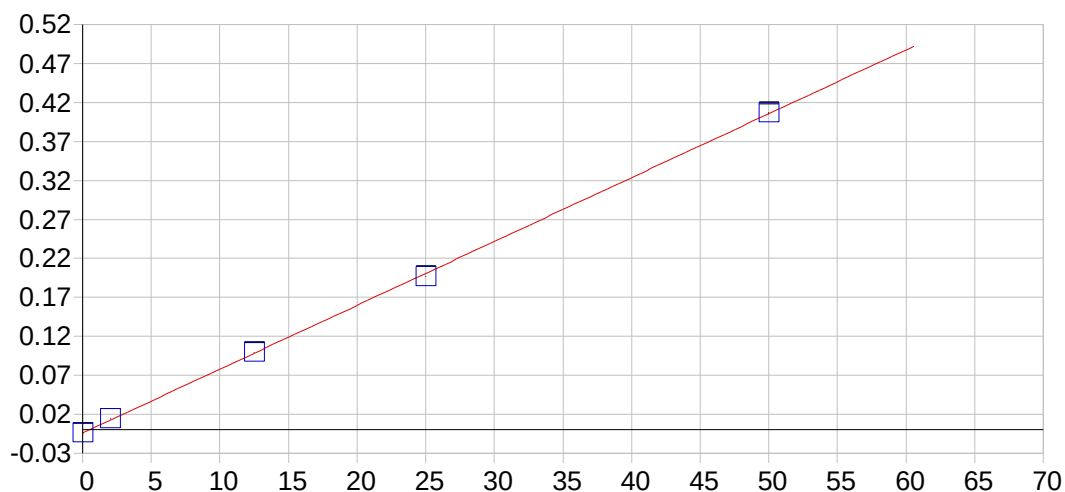


Zn 213.856 {458}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002233 Re-Slope: 1.000000
 A1 (Gain): 1.557456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000606
 Predicted MDL: 0.000095
 Predicted MQL: 0.000315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00224	.000	1
S1	.04000	.03816	-.002	-4.61	.06210	.000	1
S3	1.2500	1.2665	.016	1.32	1.9871	.003	1
S4	2.5000	2.4382	-.062	-2.47	3.8244	.014	1
S5	5.0000	5.0472	.047	.944	7.9127	.012	1



K 766.490 {44}

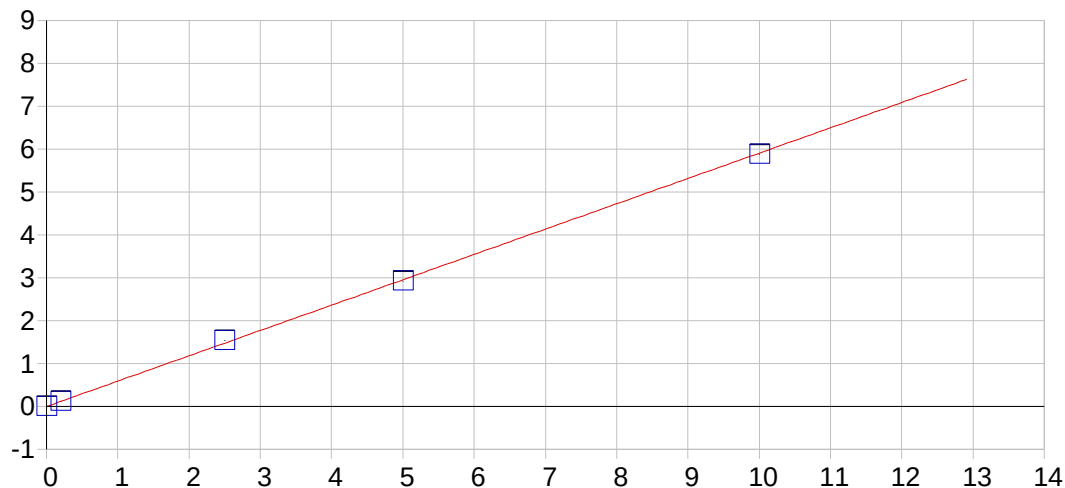
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004024 Re-Slope: 1.000000
 A1 (Gain): 0.008191 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788
 Std Error of Est: 0.000092
 Predicted MDL: 0.033164
 Predicted MQL: 0.110548

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2355	.236	11.8	.01429	.000	1
S0	.00000	-.00022	-.000	.000	-.00403	.000	1
S3	12.500	12.623	.123	.984	.09938	.000	1
S4	25.000	24.531	-.469	-1.88	.19692	.001	1
S5	50.000	50.110	.110	.220	.40645	.001	1



Mo 202.030 {467}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

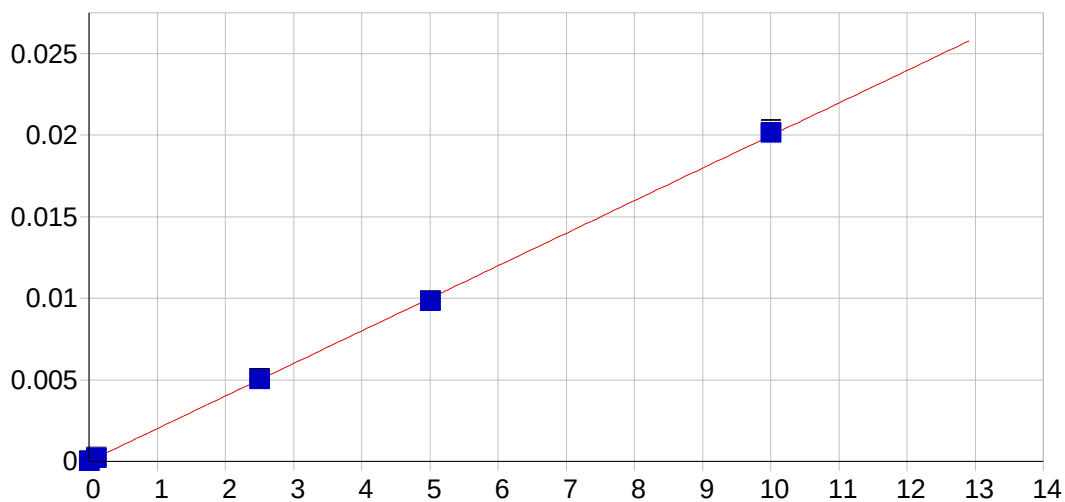
Weighting: 1/Conc

A0 (Offset): -0.000307
 A1 (Gain): 0.590711
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861
 Std Error of Est: 0.000757
 Predicted MDL: 0.000259
 Predicted MQL: 0.000864

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	-.00031	.000	1
S1	.20000	.20617	.006	3.08	.12148	.001	1
S3	2.5000	2.5989	.099	3.96	1.5349	.003	1
S4	5.0000	4.9478	-.052	-1.04	2.9224	.006	1
S5	10.000	9.9472	-.053	-.528	5.8756	.006	1

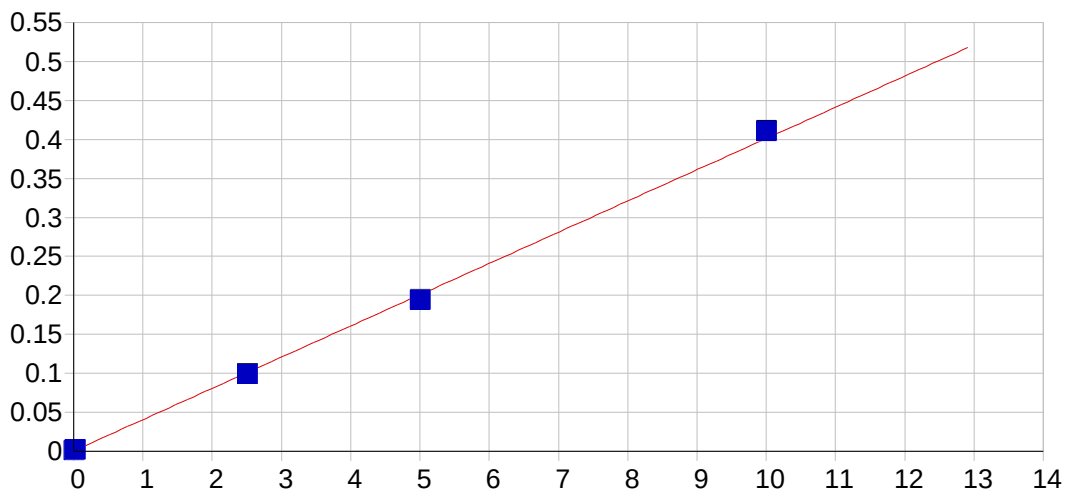


B 249.678 {135}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.001995 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.011757
 Predicted MQL: 0.039191

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09808	-.002	-1.92	.00021	.000	1
S3	2.5000	2.5019	.002	.077	.00500	.000	1
S4	5.0000	4.9143	-.086	-1.71	.00980	.000	1
S5	10.000	10.086	.086	.857	.02009	.000	1



S 182.034 {485}

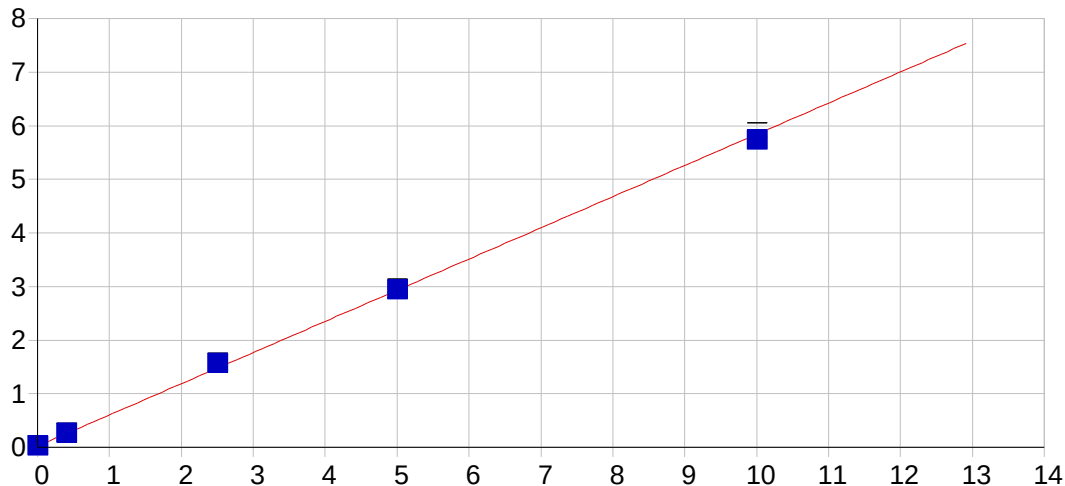
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000568 Re-Slope: 1.000000
 A1 (Gain): 0.040063 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655
 Std Error of Est: 0.000025
 Predicted MDL: 0.002516
 Predicted MQL: 0.008385

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.02000	.02045	.000	2.27	.00136	.000	1
S3	2.5000	2.4526	-.047	-1.89	.09872	.000	1
S4	5.0000	4.8240	-.176	-3.52	.19361	.001	1
S5	10.000	10.223	.223	2.23	.40968	.001	1



Si 288.158 {117}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

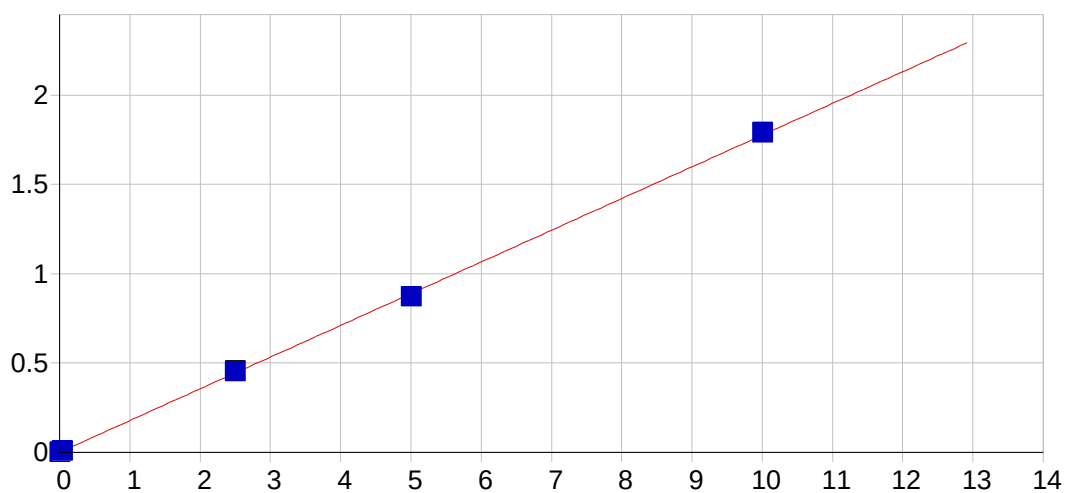
Weighting: 1/Conc

A0 (Offset): 0.022714
 A1 (Gain): 0.581679
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632
 Std Error of Est: 0.001722
 Predicted MDL: 0.002182
 Predicted MQL: 0.007272

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02270	.001	1
S1	.40000	.40795	.008	1.99	.25981	.006	1
S3	2.5000	2.6558	.156	6.23	1.5667	.003	1
S4	5.0000	5.0164	.016	.328	2.9391	.008	1
S5	10.000	9.8199	-.180	-1.80	5.7316	.130	1

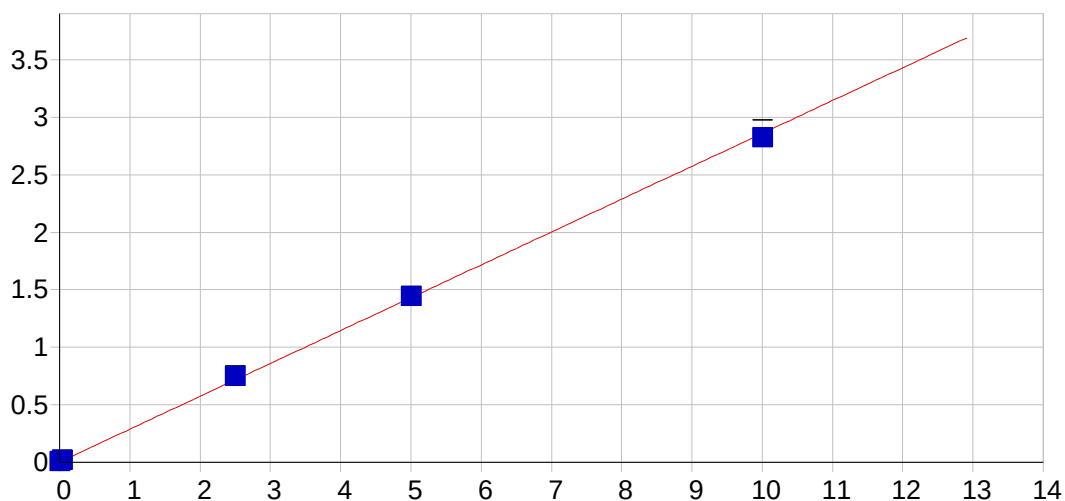


Sn 189.989 {477}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000810 Re-Slope: 1.000000
 A1 (Gain): 0.177478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000588
 Predicted MQL: 0.001959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.04000	.03705	-.003	-7.38	.00738	.000	1
S3	2.5000	2.5462	.046	1.85	.45278	.001	1
S4	5.0000	4.8904	-.110	-2.19	.86890	.002	1
S5	10.000	10.066	.066	.664	1.7877	.002	1



Ti 336.121 {100}

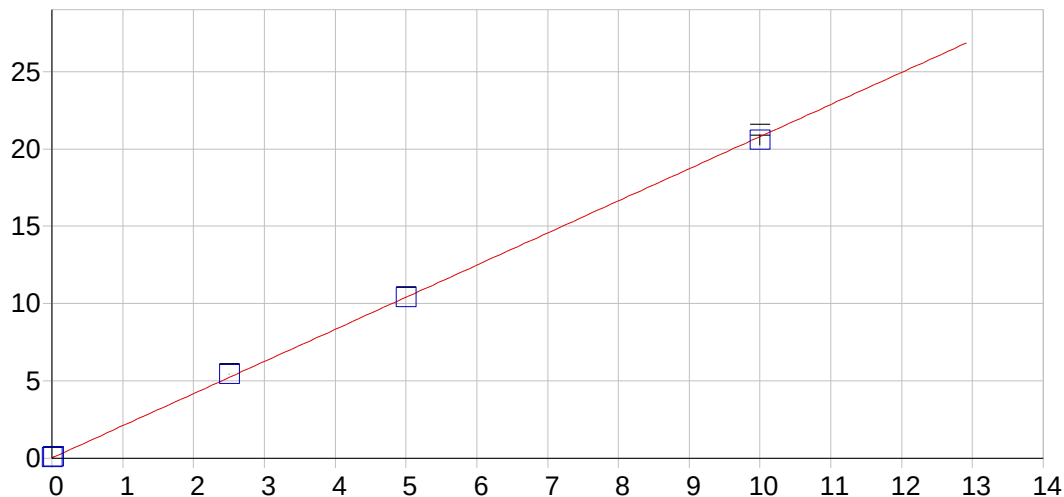
Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002852 Re-Slope: 1.000000
 A1 (Gain): 0.285604 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804
 Std Error of Est: 0.000193
 Predicted MDL: 0.002090
 Predicted MQL: 0.006966

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00285	.000	1
S1	.04000	.04159	.002	3.99	.01473	.000	1
S3	2.5000	2.6083	.108	4.33	.74771	.003	1
S4	5.0000	5.0295	.030	.590	1.4391	.004	1
S5	10.000	9.8606	-.139	-1.39	2.8187	.066	1



Li 670.784 { 50}

Date of Fit: 5/14/2019 12:31:21

Type of Fit: Linear

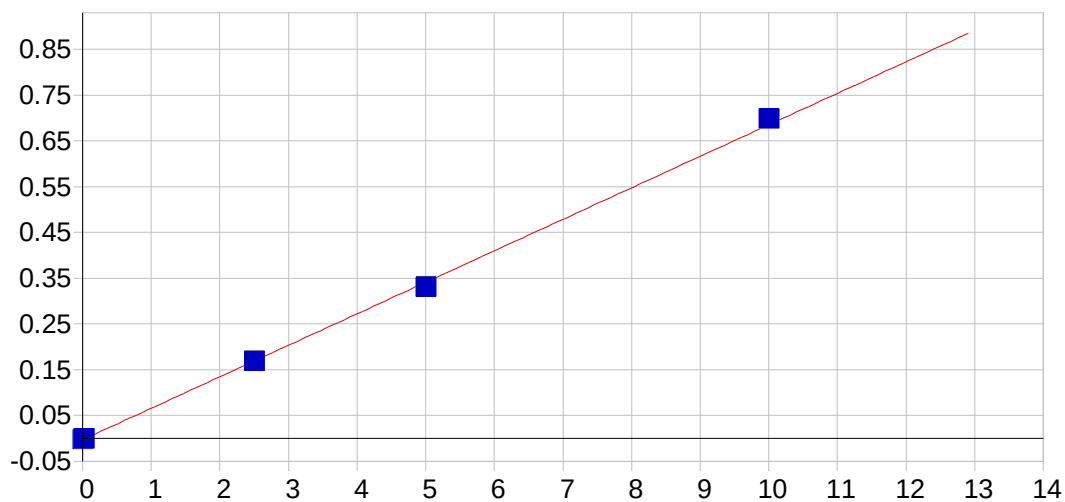
Weighting: 1/Conc

A0 (Offset): 0.027074
 A1 (Gain): 2.076725
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827
 Std Error of Est: 0.000934
 Predicted MDL: 0.001557
 Predicted MQL: 0.005189

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	.02707	.001	1
S1	.02000	.02310	.003	15.5	.07505	.004	1
S3	2.5000	2.6061	.106	4.24	5.4391	.016	1
S4	5.0000	4.9953	-.005	-.094	10.401	.019	1
S5	10.000	9.8955	-.104	-1.04	20.577	.346	1

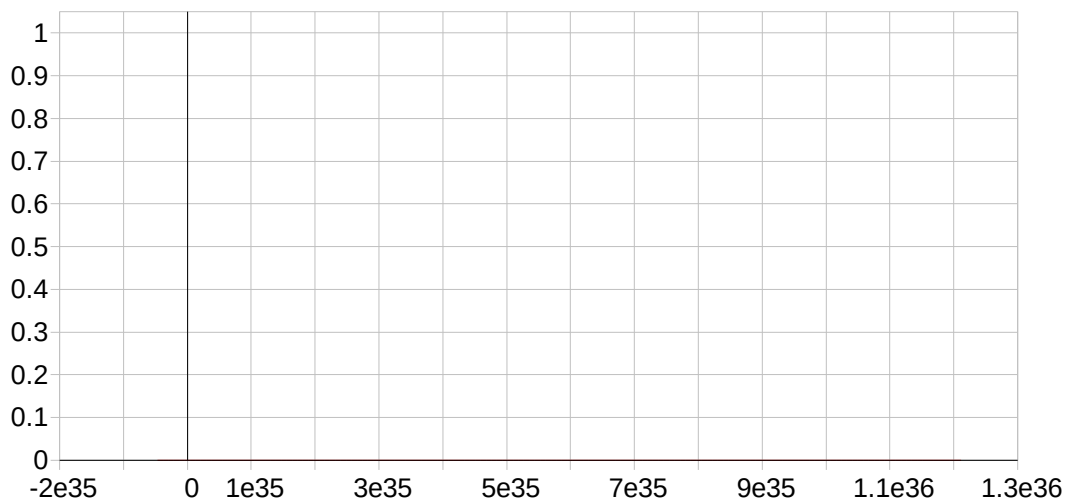


P 177.495 {490}

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002755 Re-Slope: 1.000000
 A1 (Gain): 0.068796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001533
 Predicted MQL: 0.005109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00275	.000	1
S1	.02000	.01804	-.002	-9.82	-.00152	.000	1
S3	2.5000	2.4793	-.021	-.829	.16756	.000	1
S4	5.0000	4.8450	-.155	-3.10	.33006	.001	1
S5	10.000	10.178	.178	1.78	.69643	.001	1



Y 224.306 {450}*

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

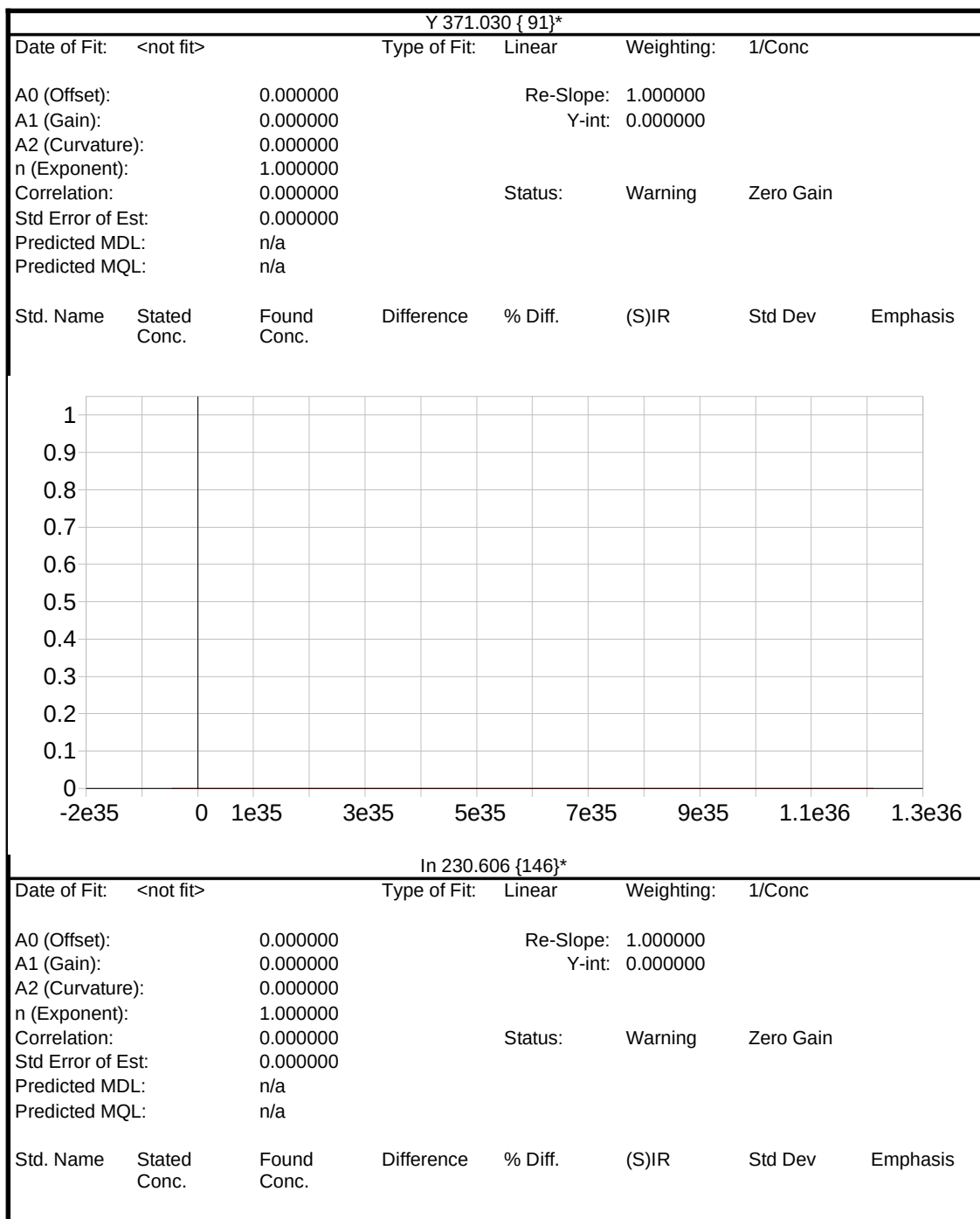
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

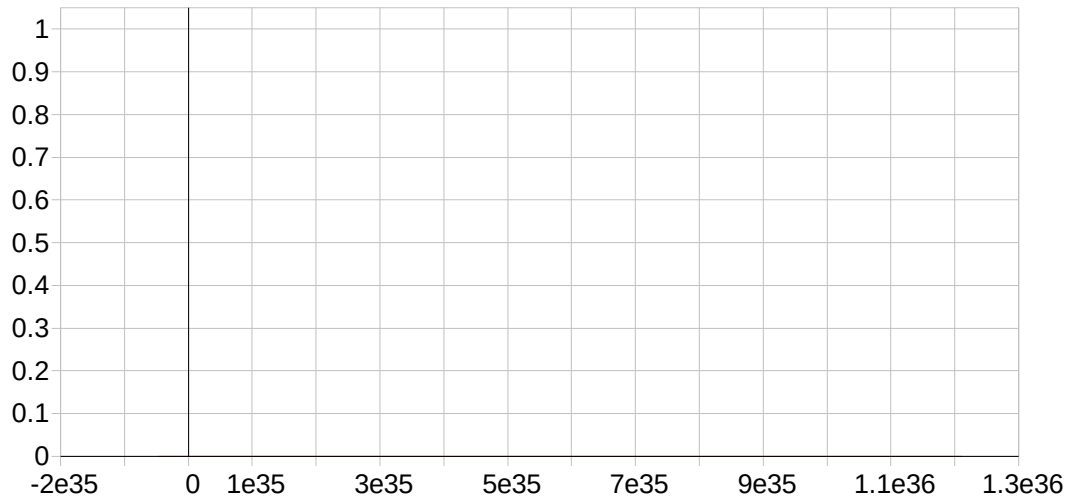
Status: Warning Zero Gain

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

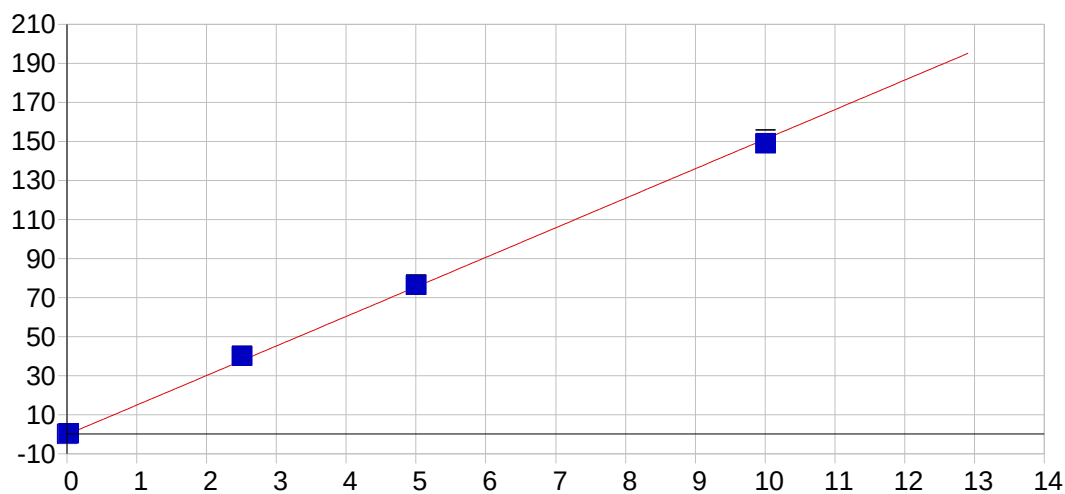
Status: Warning Zero Gain

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: 5/14/2019 12:31:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003789

Re-Slope: 1.000000

A1 (Gain): 15.132268

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999724

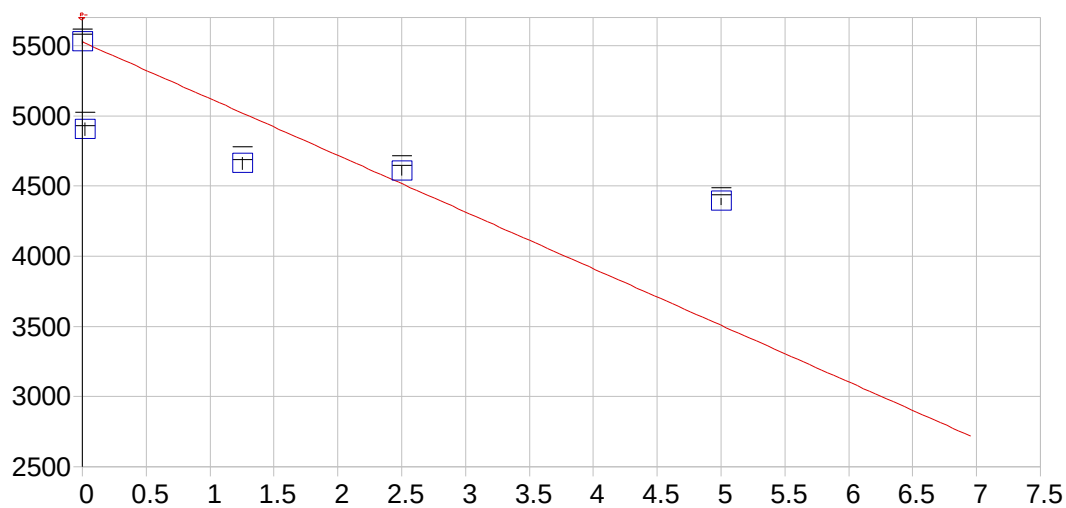
Status: OK.

Std Error of Est: 0.008601

Predicted MDL: 0.000089

Predicted MQL: 0.000296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00382	.001	1
S1	.02000	.02108	.001	5.38	.31679	.009	1
S3	2.5000	2.6289	.129	5.16	39.819	.120	1
S4	5.0000	5.0356	.036	.713	76.280	.113	1
S5	10.000	9.8344	-.166	-1.66	148.98	1.71	1

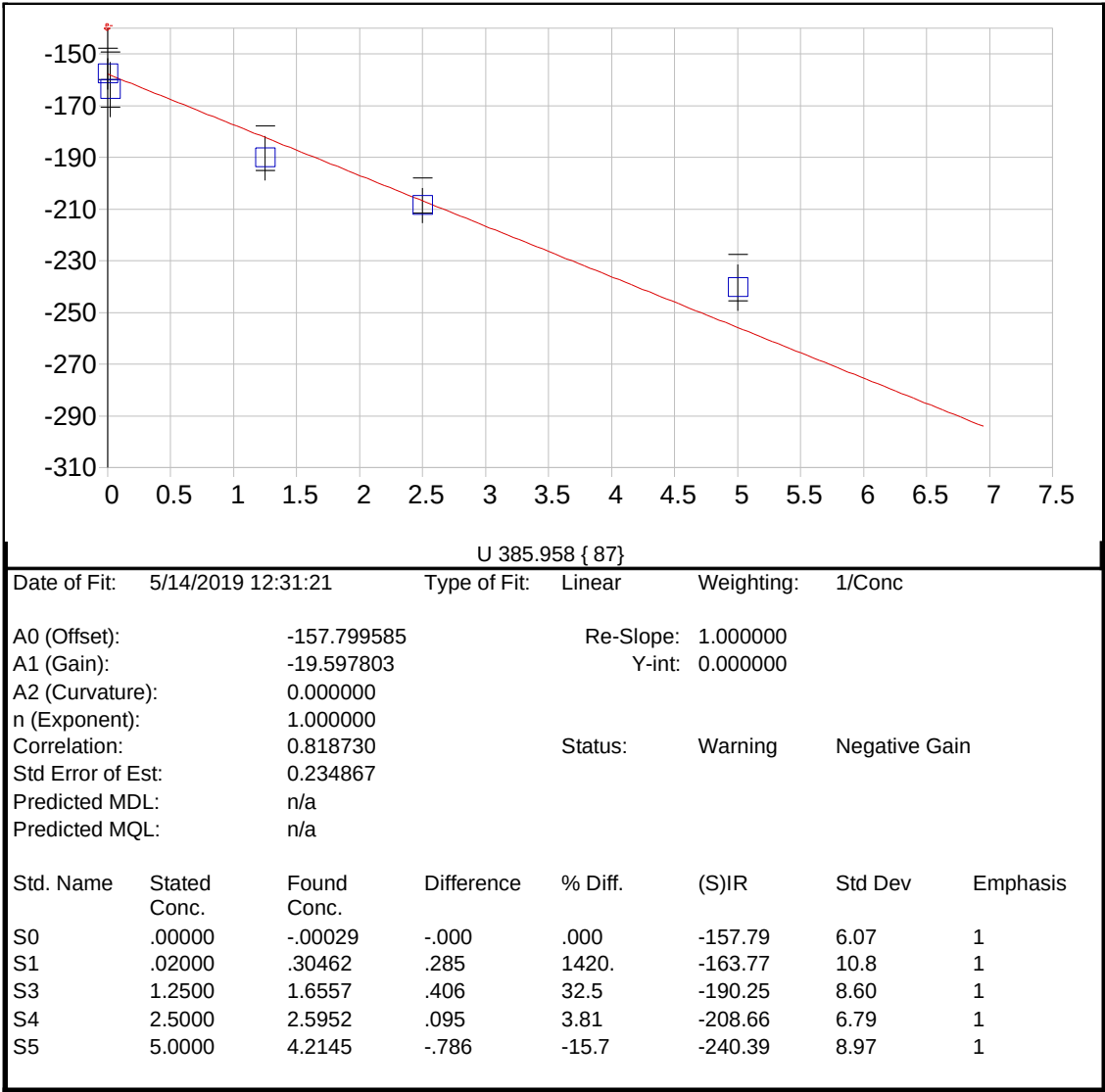


U 367.007 { 92 }

Date of Fit: 5/14/2019 12:31:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5525.604219 Re-Slope: 1.000000
A1 (Gain): -403.626088 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.263583 Status: Warning Negative Gain
Std Error of Est: 25.242552
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00153	-.002	.000	5526.2	18.8	1
S1	.02000	1.5413	1.52	7610.	4903.5	47.9	1
S3	1.2500	2.1432	.893	71.5	4660.5	47.3	1
S4	2.5000	2.2741	-.226	-9.04	4607.7	33.2	1
S5	5.0000	2.8113	-2.19	-43.8	4390.9	25.6	1



Sample Name: S0 Acquired: 5/14/2019 12:05:50 Type: Cal
Method: P4-ICP2(v3119) 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	-.00002	.00011	.00122	-.00003	.00013	.00115	.00086	.00007
Stddev	.00002	.00003	.00012	.00012	.00015	.00007	.00003	.00007
%RSD	87.206	25.888	9.5555	336.32	121.93	6.4321	4.0206	101.28

#1	-.00000	.00012	.00130	-.00016	-.00005	.00124	.00090	.00012
#2	-.00004	.00008	.00127	.00006	.00023	.00110	.00083	.00010
#3	-.00003	.00013	.00109	-.00000	.00020	.00111	.00086	-.00001

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	-.00068	.00156	-.00017	-.00044	.00302	.00092	.00017	.00005
Stddev	.00013	.00110	.00006	.00001	.00014	.00008	.00006	.00002
%RSD	19.755	70.908	32.822	2.8063	4.7342	8.9154	37.230	47.129

#1	-.00053	.00076	-.00017	-.00045	.00285	.00083	.00015	.00007
#2	-.00079	.00281	-.00022	-.00044	.00309	.00099	.00013	.00003
#3	-.00073	.00110	-.00011	-.00043	.00310	.00095	.00025	.00005

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	-.00542	-.00047	-.00048	-.00024	.00224	-.00403	-.00031	.00001
Stddev	.00004	.00010	.00012	.00007	.00016	.00023	.00003	.00000
%RSD	.68616	21.742	24.175	28.274	7.0325	5.6275	8.8722	13.112

#1	-.00546	-.00056	-.00035	-.00032	.00223	-.00420	-.00028	.00001
#2	-.00539	-.00049	-.00058	-.00019	.00208	-.00411	-.00033	.00002
#3	-.00540	-.00036	-.00051	-.00021	.00240	-.00377	-.00032	.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	.00057	.02270	.00081	.00285	.02707	-.0028	-.00382	5526.2
Stddev	.00010	.00112	.00009	.00033	.00104	.0001	.00067	18.8
%RSD	17.433	4.9243	10.684	11.720	3.8467	2.184	17.546	.33979

#1	.00068	.02381	.00072	.00268	.02622	-.0028	-.00364	5539.3
#2	.00049	.02157	.00081	.00264	.02675	-.0028	-.00456	5504.7
#3	.00053	.02272	.00090	.00324	.02823	-.0027	-.00325	5534.7

Sample Name: S0 Acquired: 5/14/2019 12:05:50 Type: Cal
 Method: P4-ICP2(v3119) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-157.79
Stddev	6.07
%RSD	3.8455

#1	-164.79
#2	-154.61
#3	-153.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4920.5	54135.	3791.0	70.881	5245.3
Stddev	16.5	167.	3.7	1.709	.8
%RSD	.33626	.30862	.09752	2.4115	.01505

#1	4901.5	53970.	3790.3	72.133	5245.5
#2	4927.9	54304.	3787.7	71.575	5246.1
#3	4932.0	54132.	3795.0	68.933	5244.5

Sample Name: S1 Acquired: 5/14/2019 12:10:17 Type: Cal
Method: P4-ICP2(v3119) 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	.00111	.00443	.00335	.00098	.00551	.00205	.03703	.00537
Stddev	.00017	.00015	.00018	.00009	.00022	.00004	.00023	.00002
%RSD	15.416	3.2887	5.2811	8.8492	3.9531	1.8902	.63137	.37591

#1	.00107	.00446	.00324	.00089	.00572	.00205	.03712	.00535
#2	.00096	.00427	.00355	.00098	.00554	.00209	.03721	.00539
#3	.00129	.00455	.00325	.00106	.00529	.00201	.03677	.00537

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	.01973	.00184	.02790	.01944	.01033	.02186	.01741	.00232
Stddev	.00032	.00004	.00021	.00020	.00006	.00010	.00025	.00011
%RSD	1.6319	2.3031	.76262	1.0117	.54914	.46205	1.4116	4.8981

#1	.01936	.00187	.02803	.01966	.01040	.02185	.01749	.00221
#2	.01986	.00180	.02766	.01930	.01028	.02177	.01714	.00244
#3	.01997	.00187	.02802	.01936	.01032	.02197	.01761	.00232

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	.00853	.06210	.12148	.00021	.00136	.25981	.00738	.01473
Stddev	.00013	.00011	.00053	.00003	.00011	.00580	.00006	.00038
%RSD	1.5470	.17161	.43998	12.413	7.9068	2.2326	.77161	2.5702

#1	.00840	.06211	.12207	.00024	.00144	.26585	.00745	.01507
#2	.00853	.06199	.12103	.00019	.00141	.25428	.00736	.01432
#3	.00867	.06220	.12133	.00021	.00124	.25932	.00735	.01479

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07505	-.0015	.31679	4903.5	-163.77
Stddev	.00426	.0001	.00870	47.9	10.77
%RSD	5.6712	6.913	2.7467	.97642	6.5787

#1	.07981	-.0016	.32637	4913.7	-151.39
#2	.07373	-.0014	.30938	4851.3	-171.01
#3	.07161	-.0015	.31462	4945.4	-168.91

Sample Name: S1 Acquired: 5/14/2019 12:10:17 Type: Cal
Method: P4-ICP2(v3119) 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	4601.4	51358.	3613.0	66.261	4869.1
Stddev	13.4	237.	78.6	.741	6.9
%RSD	.29215	.46180	2.1766	1.1183	.14193
#1	4590.4	51186.	3522.2	65.825	4861.6
#2	4597.5	51259.	3660.1	65.842	4875.3
#3	4616.4	51629.	3656.7	67.117	4870.3

Sample Name: S2 Acquired: 5/14/2019 12:14:43 Type: Cal
Method: P4-ICP2(v3119) 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	.15324	.00147	.06662	.01429
Stddev	.00089	.00003	.00043	.00023
%RSD	.58313	1.7443	.64425	1.6128

#1	.15221	.00149	.06626	.01402
#2	.15377	.00144	.06709	.01442
#3	.15373	.00147	.06650	.01442

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	50621.	3629.9
Stddev	159.	22.5
%RSD	.31379	.62066

#1	50538.	3606.6
#2	50520.	3651.6
#3	50804.	3631.4

Sample Name: S3 Acquired: 5/14/2019 12:18:57 Type: Cal
Method: P4-ICP2(v3119) 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	.13343	.28325	.50582	.13081	.26848	.04489	1.8045	.11065
Stddev	.00030	.00073	.00045	.00008	.00056	.00017	.0097	.00041
%RSD	.22549	.25810	.08847	.05772	.20913	.37869	.53580	.37490

#1	.13374	.28409	.50565	.13087	.26911	.04478	1.8009	.11055
#2	.13315	.28277	.50633	.13073	.26828	.04481	1.7972	.11030
#3	.13339	.28288	.50549	.13084	.26804	.04509	1.8155	.11111

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	4.4501	.83147	.10281	1.2604	.50784	.23861	1.3095	.00784
Stddev	.0111	.00265	.00048	.0020	.00180	.00123	.0041	.00008
%RSD	.24912	.31892	.46487	.15748	.35472	.51446	.31189	1.0207

#1	4.4625	.83073	.10277	1.2626	.50867	.23826	1.3069	.00780
#2	4.4413	.82926	.10236	1.2588	.50577	.23760	1.3073	.00778
#3	4.4463	.83441	.10331	1.2598	.50908	.23998	1.3142	.00793

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	.75258	.17104	.37331	.27667	1.9871	.09938	1.5349	.00500
Stddev	.00085	.00028	.00202	.00031	.0032	.00022	.0031	.00005
%RSD	.11320	.16433	.54198	.11236	.15978	.21978	.20478	1.0924

#1	.75247	.17088	.37268	.27677	1.9905	.09929	1.5356	.00501
#2	.75179	.17088	.37169	.27693	1.9842	.09921	1.5314	.00493
#3	.75348	.17137	.37558	.27633	1.9866	.09962	1.5376	.00504

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	.09872	1.5667	.45278	.74771	5.4391	.1676	39.819	4660.5
Stddev	.00035	.0026	.00099	.00269	.0158	.0004	.120	47.3
%RSD	.35049	.16693	.21889	.35940	.29111	.2338	.30155	1.0142

#1	.09866	1.5658	.45388	.74466	5.4267	.1678	39.772	4618.8
#2	.09840	1.5647	.45196	.74869	5.4337	.1671	39.730	4650.9
#3	.09909	1.5697	.45251	.74976	5.4570	.1678	39.956	4711.9

Sample Name: S3 Acquired: 5/14/2019 12:18:57 Type: Cal
 Method: P4-ICP2(v3119) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-190.25
Stddev	8.60
%RSD	4.5215

#1	-194.05
#2	-180.40
#3	-196.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4444.4	49342.	3587.8	64.388	4467.9
Stddev	11.8	239.	7.8	.860	17.6
%RSD	.26501	.48404	.21771	1.3357	.39351

#1	4430.8	49210.	3583.0	63.447	4447.6
#2	4451.0	49618.	3596.8	65.134	4478.1
#3	4451.5	49199.	3583.7	64.583	4478.1

Sample Name: S4 Acquired: 5/14/2019 12:22:56 Type: Cal
Method: P4-ICP2(v3119) 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	.25545	.53811	.96481	.24959	.51341	.08530	3.5091	.21111
Stddev	.00013	.00157	.00365	.00036	.00159	.00022	.0168	.00058
%RSD	.05027	.29260	.37833	.14362	.30945	.25348	.47722	.27517

#1	.25531	.53629	.96117	.24978	.51174	.08517	3.5097	.21176
#2	.25556	.53898	.96847	.24981	.51491	.08517	3.5255	.21063
#3	.25550	.53906	.96480	.24917	.51359	.08555	3.4920	.21095

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	8.5856	1.5768	.19674	2.4251	.95058	.44903	2.4838	.01514
Stddev	.0219	.0025	.00052	.0098	.00211	.00051	.0037	.00002
%RSD	.25535	.15932	.26391	.40407	.22219	.11370	.14837	.14832

#1	8.5615	1.5740	.19730	2.4139	.94817	.44953	2.4854	.01513
#2	8.6043	1.5788	.19628	2.4322	.95208	.44851	2.4796	.01516
#3	8.5911	1.5777	.19665	2.4291	.95151	.44905	2.4865	.01512

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	1.4408	.32664	.72092	.53062	3.8244	.19692	2.9224	.00980
Stddev	.0046	.00047	.00118	.00087	.0140	.00052	.0062	.00003
%RSD	.31668	.14340	.16333	.16366	.36499	.26430	.21148	.29616

#1	1.4356	.32712	.72117	.53146	3.8085	.19693	2.9154	.00981
#2	1.4426	.32660	.71963	.52973	3.8347	.19743	2.9247	.00976
#3	1.4441	.32619	.72194	.53068	3.8301	.19639	2.9271	.00981

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	.19361	2.9391	.86890	1.4391	10.401	.3301	76.280	4607.7
Stddev	.00052	.0075	.00156	.0037	.019	.0006	.113	33.2
%RSD	.26990	.25535	.17971	.25562	.18289	.1852	.14869	.72149

#1	.19322	2.9397	.86712	1.4372	10.395	.3305	76.264	4569.4
#2	.19420	2.9463	.87004	1.4434	10.422	.3304	76.401	4628.6
#3	.19340	2.9313	.86954	1.4368	10.385	.3294	76.176	4625.2

Sample Name: S4 Acquired: 5/14/2019 12:22:56 Type: Cal
Method: P4-ICP2(v3119) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-208.66
Stddev	6.79
%RSD	3.2542

#1	-216.50
#2	-204.66
#3	-204.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4380.7	48245.	3543.5	63.803	4326.1
Stddev	2.8	57.	10.0	.672	5.8
%RSD	.06431	.11775	.28237	1.0536	.13457

#1	4379.7	48184.	3541.0	63.452	4331.0
#2	4383.9	48256.	3535.0	63.379	4327.8
#3	4378.5	48296.	3554.5	64.578	4319.7

Sample Name: S5 Acquired: 5/14/2019 12:27:02 Type: Cal
Method: P4-ICP2(v3119) 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	.51973	1.0896	1.9796	.50595	1.0412	.17368	7.1349	.42694
Stddev	.00086	.0019	.0013	.00065	.0027	.00006	.0440	.00169
%RSD	.16638	.17051	.06510	.12894	.25727	.03646	.61622	.39648
#1	.52049	1.0876	1.9783	.50643	1.0406	.17374	7.1673	.42506
#2	.51992	1.0912	1.9808	.50622	1.0441	.17361	7.0849	.42834
#3	.51879	1.0900	1.9797	.50521	1.0389	.17370	7.1525	.42741
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	17.641	3.0834	.39296	4.9964	1.8917	.89235	4.8662	.03067
Stddev	.024	.0649	.00023	.0063	.0012	.00048	.0305	.00020
%RSD	.13532	2.1035	.05887	.12712	.06060	.05357	.62661	.65527
#1	17.620	3.0089	.39316	4.9906	1.8906	.89200	4.8454	.03052
#2	17.667	3.1274	.39302	5.0032	1.8929	.89289	4.8520	.03058
#3	17.636	3.1139	.39271	4.9955	1.8917	.89215	4.9012	.03090
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	2.9526	.65939	1.4731	1.0718	7.9127	.40645	5.8756	.02009
Stddev	.0041	.00137	.0074	.0009	.0121	.00118	.0058	.00018
%RSD	.14014	.20773	.50465	.08318	.15353	.29141	.09867	.89514
#1	2.9482	.65793	1.4673	1.0722	7.9044	.40635	5.8695	.01993
#2	2.9564	.65958	1.4705	1.0725	7.9267	.40532	5.8810	.02007
#3	2.9531	.66065	1.4814	1.0708	7.9072	.40768	5.8762	.02028
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	.40968	5.7316	1.7877	2.8187	20.577	.6964	148.98	4390.9
Stddev	.00094	.1304	.0015	.0661	.346	.0012	1.71	25.6
%RSD	.22938	2.2752	.08468	2.3462	1.6808	.1722	1.1511	.58379
#1	.40893	5.5842	1.7859	2.7426	20.187	.6954	147.39	4367.2
#2	.41074	5.8317	1.7884	2.8626	20.847	.6978	150.80	4387.4
#3	.40938	5.7790	1.7887	2.8508	20.698	.6961	148.75	4418.1

Sample Name: S5 Acquired: 5/14/2019 12:27:02 Type: Cal
 Method: P4-ICP2(v3119) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-240.39
Stddev	8.97
%RSD	3.7317

#1	-232.50
#2	-250.15
#3	-238.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4239.1	46938.	3578.5	63.364	4050.2
Stddev	5.1	84.	64.6	.524	6.1
%RSD	.11994	.17790	1.8039	.82772	.14971

#1	4241.9	46854.	3648.7	63.178	4053.9
#2	4233.3	46941.	3521.7	63.956	4043.2
#3	4242.2	47020.	3565.1	62.958	4053.6

Sample Name: ICV01 Acquired: 5/14/2019 12:36:25 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98345	1.0206	.98059	1.0011	.97001	2.4727	.49494	.48220
Stddev	.02217	.0198	.02153	.0227	.01994	.0222	.00241	.00120
%RSD	2.2546	1.9356	2.1957	2.2656	2.0559	.89857	.48771	.24818
#1	.99122	1.0261	.98722	1.0040	.97472	2.4601	.49717	.48138
#2	.95843	.99862	.95653	.97717	.94813	2.4983	.49527	.48357
#3	1.0007	1.0369	.99803	1.0223	.98718	2.4596	.49238	.48165
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47774	10.094	.49346	.48071	.50574	5.0008	.50236	5.8191
Stddev	.01130	.044	.00033	.01034	.01128	.0021	.00107	.0671
%RSD	2.3659	.43278	.06701	2.1508	2.2302	.04284	.21348	1.1530
#1	.48008	10.050	.49384	.48398	.50697	5.0004	.50210	5.8952
#2	.46545	10.138	.49323	.46913	.49389	5.0031	.50354	5.7686
#3	.48769	10.093	.49330	.48902	.51635	4.9989	.50145	5.7935
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48245	.49649	9.7147	.49172	.98747	9.6713	2.4289	2.4096
Stddev	.01050	.00046	.0198	.00129	.02251	.0715	.0543	.0203
%RSD	2.1766	.09344	.20369	.26196	2.2794	.73947	2.2357	.84427
#1	.48460	.49698	9.7375	.49144	.99279	9.7499	2.4399	2.4022
#2	.47104	.49643	9.7045	.49312	.96278	9.6101	2.3700	2.4326
#3	.49171	.49606	9.7021	.49059	1.0068	9.6539	2.4769	2.3940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5013	2.4353	F 2.3543	2.4952	F .64362	F .6103	F .58972	F 2.0021
Stddev	.0235	.0095	.0477	.0071	.00143	.0140	.00207	.0390
%RSD	1.5671	.38837	2.0255	.28434	.22236	2.286	.35084	1.9473
#1	1.5011	2.4250	2.3712	2.4882	.64294	.6135	.58970	1.9923
#2	1.4779	2.4437	2.3005	2.5024	.64266	.5950	.59180	2.0451
#3	1.5250	2.4371	2.3912	2.4951	.64527	.6224	.58767	1.9690

Sample Name: ICV01 Acquired: 5/14/2019 12:36:25 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5028
Stddev	.5230
%RSD	34.804

#1	.90774
#2	1.8897
#3	1.7110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4545.4	49962.	3623.1	66.175	4654.3
Stddev	83.3	106.	11.9	1.981	87.1
%RSD	1.8316	.21171	.32812	2.9930	1.8717

#1	4517.4	49863.	3630.1	68.124	4626.0
#2	4639.1	49948.	3609.4	64.165	4752.1
#3	4479.8	50074.	3629.8	66.235	4584.9

Sample Name: LLICV01 Acquired: 5/14/2019 12:40:30 Type: Unk
Method: P4-ICP2(v3119) 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	.02101	.04128	.01242	.02237	.05267	.09989	.10209
Stddev	.00063	.00123	.00105	.00100	.00234	.00962	.00060
%RSD	3.0170	2.9684	8.4255	4.4599	4.4389	9.6334	.58487

#1	.02164	.04267	.01312	.02147	.05319	.10976	.10222
#2	.02103	.04080	.01122	.02345	.05012	.09053	.10262
#3	.02037	.04037	.01293	.02221	.05471	.09939	.10144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	.00594	2.0890	.01023	.02913	.02121	.10563
Stddev	.00006	.00002	.0121	.00032	.00003	.00009	.00044
%RSD	.97355	.31590	.57875	3.1322	.08955	.41194	.41261

#1	.00625	.00596	2.0933	.01009	.02915	.02122	.10611
#2	.00637	.00592	2.0753	.01059	.02913	.02129	.10526
#3	.00630	.00595	2.0983	.01000	.02910	.02112	.10551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02202	1.9901	.03896	.01043	2.0236	.04105	.03903
Stddev	.00003	.0388	.00038	.00033	.0085	.00015	.00008
%RSD	.12288	1.9474	.98205	3.1541	.42150	.35694	.20939

#1	.02200	2.0329	.03940	.01081	2.0204	.04119	.03906
#2	.02205	1.9802	.03875	.01024	2.0332	.04090	.03910
#3	.02201	1.9573	.03873	.01025	2.0171	.04107	.03894

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9454	.20793	.11239	.01829	.40942	.03976	.04278
Stddev	.0314	.00053	.01237	.00149	.00688	.00064	.00141
%RSD	1.6136	.25290	11.010	8.1416	1.6812	1.6203	3.2969

#1	1.9799	.20735	.10815	.01967	.41313	.04050	.04436
#2	1.9185	.20806	.10270	.01671	.40148	.03931	.04166
#3	1.9379	.20838	.12633	.01849	.41366	.03947	.04231

Sample Name: LLICV01 Acquired: 5/14/2019 12:40:30 Type: Unk
 Method: P4-ICP2(v3119) 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	.02269	.0166	.02089	F 1.4971	F<.00000
Stddev	.00278	.0004	.00010	.0281	.73735
%RSD	12.258	2.286	.46128	1.8752	181.34

#1	.02589	.0164	.02094	1.4665	-1.2427
#2	.02091	.0163	.02078	1.5216	-.12808
#3	.02126	.0170	.02096	1.5032	.15091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4558.8	50873.	3624.3	65.447	4808.2
Stddev	10.5	147.	31.9	.762	21.1
%RSD	.23011	.28873	.88077	1.1646	.43929

#1	4554.6	50708.	3602.2	64.583	4794.3
#2	4551.0	50924.	3660.9	66.025	4797.9
#3	4570.7	50988.	3609.8	65.733	4832.5

Sample Name: ICB01 Acquired: 5/14/2019 12:44:56 Type: Unk
Method: P4-ICP2(v3119) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00046	.00008	.00200	.00252	.00490	.00044	.00010
Stddev	.00089	.00094	.00081	.00152	.00093	.01516	.00024	.00005
%RSD	130.00	204.81	1016.2	75.980	36.811	309.67	54.937	52.987

#1	-.00020	.00086	.00012	.00355	.00156	-.00188	.00073	.00011
#2	.00067	.00114	-.00075	.00051	.00259	.02227	.00028	.00014
#3	.00158	-.00062	.00087	.00194	.00342	-.00569	.00033	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00668	-.00026	.00011	-.00051	-.00042	-.00002	-.02567
Stddev	.00005	.01199	.00024	.00004	.00053	.00037	.00006	.03766
%RSD	128.20	179.45	93.426	32.777	102.84	86.037	265.16	146.72

#1	.00001	.00778	-.00036	.00014	-.00090	-.00082	.00004	-.01964
#2	-.00005	-.00582	.00002	.00007	-.00072	-.00010	-.00002	-.06598
#3	-.00008	.01809	-.00044	.00011	.00009	-.00036	-.00008	.00862

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00011	-.01579	.00040	-.00012	-.07248	.00007	.02281
Stddev	.00031	.00009	.00331	.00008	.00008	.02397	.00026	.00091
%RSD	120.38	85.776	20.962	21.058	64.075	33.072	387.96	3.9953

#1	-.00011	-.00021	-.01880	.00032	-.00006	-.07667	.00034	.02177
#2	-.00062	-.00009	-.01633	.00049	-.00020	-.04669	-.00017	.02346
#3	-.00005	-.00002	-.01225	.00038	-.00009	-.09408	.00003	.02321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	.00457	.00032	.00204	.00206	.0008	.00006	F 1.5282
Stddev	.00297	.00094	.00054	.00066	.00068	.0004	.00005	.1106
%RSD	307.51	20.597	167.90	32.215	33.010	57.49	88.538	7.2399

#1	-.00053	.00562	.00091	.00254	.00158	.0007	-.00000	1.5032
#2	.00176	.00380	-.00015	.00130	.00175	.0003	.00008	1.6492
#3	-.00413	.00428	.00021	.00229	.00283	.0012	.00010	1.4321

Sample Name: ICB01 Acquired: 5/14/2019 12:44:56 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.36926
%RSD	8521.8

#1	-.38066
#2	.01023
#3	.35743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4566.5	50960.	3604.5	67.389	4845.4
Stddev	9.0	33.	38.8	1.500	4.4
%RSD	.19769	.06521	1.0764	2.2259	.09078

#1	4557.0	50983.	3565.9	67.383	4840.4
#2	4567.7	50922.	3643.5	65.892	4848.5
#3	4574.9	50974.	3604.1	68.892	4847.4

Sample Name: CRI01 Acquired: 5/14/2019 12:49:23 Type: Unk
Method: P4-ICP2(v3119) 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	.02213	.04280	.01189	.02068	.05239	.11070	.10398
Stddev	.00250	.00119	.00088	.00474	.00224	.00497	.00045
%RSD	11.275	2.7913	7.3724	22.935	4.2825	4.4857	.43501

#1	.02473	.04380	.01217	.02483	.05494	.10700	.10450
#2	.01975	.04313	.01090	.02169	.05070	.11635	.10368
#3	.02193	.04148	.01259	.01551	.05154	.10877	.10376

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00638	.00593	2.0909	.01014	.02930	.02117	.10642
Stddev	.00004	.00003	.0017	.00054	.00015	.00020	.00076
%RSD	.55114	.52776	.08335	5.3054	.52474	.93065	.71487

#1	.00636	.00591	2.0903	.01031	.02936	.02137	.10554
#2	.00642	.00590	2.0895	.01057	.02912	.02116	.10684
#3	.00635	.00596	2.0928	.00954	.02941	.02098	.10688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02214	2.0208	.03952	.01055	2.0529	.04154	.03885
Stddev	.00018	.0418	.00035	.00028	.0091	.00010	.00011
%RSD	.80235	2.0691	.87642	2.6131	.44391	.23702	.27962

#1	.02208	2.0298	.03985	.01023	2.0623	.04143	.03885
#2	.02233	2.0573	.03916	.01074	2.0441	.04160	.03896
#3	.02199	1.9752	.03954	.01068	2.0523	.04159	.03874

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9765	.20804	.10679	.01948	.40653	.03843	.04068
Stddev	.0170	.00055	.01756	.00166	.00252	.00057	.00151
%RSD	.86128	.26584	16.448	8.5126	.62042	1.4824	3.7059

#1	1.9714	.20742	.08825	.02118	.40504	.03827	.03944
#2	1.9955	.20824	.10891	.01786	.40944	.03906	.04236
#3	1.9626	.20847	.12319	.01941	.40510	.03796	.04024

Sample Name: CRI01 Acquired: 5/14/2019 12:49:23 Type: Unk
Method: P4-ICP2(v3119) 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	.02356	.0162	.02100	F 1.5006	F<.00000
Stddev	.00060	.0000	.00006	.0280	.37405
%RSD	2.5458	.1901	.29501	1.8646	506.53
#1	.02290	.0162	.02102	1.5209	-.43618
#2	.02372	.0162	.02106	1.5123	-.09627
#3	.02406	.0162	.02094	1.4687	.31091
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4540.1	50433.	3642.9	67.167	4778.3
Stddev	12.3	215.	15.4	2.711	15.2
%RSD	.27035	.42719	.42391	4.0355	.31825
#1	4528.4	50345.	3646.0	66.842	4761.2
#2	4538.9	50276.	3626.2	70.025	4783.2
#3	4552.9	50678.	3656.6	64.633	4790.5

Sample Name: ICSA01 Acquired: 5/14/2019 12:53:50 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	.00875	.00174	-.00345	-.00115	270.87	.00714	.00261
Stddev	.00178	.00179	.00227	.00365	.00181	4.91	.00048	.00013
%RSD	54.095	20.483	130.99	106.04	157.22	1.8132	6.7938	5.1018
#1	.00423	.01040	.00165	-.00347	-.00317	265.30	.00683	.00269
#2	.00123	.00900	.00405	.00022	-.00058	274.59	.00688	.00268
#3	.00438	.00684	-.00049	-.00709	.00031	272.72	.00769	.00246
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	241.47	.04717	-.00047	.01018	95.874	.01390	271.65
Stddev	.00009	16.03	.00007	.00009	.00038	.680	.00008	7.32
%RSD	3.1819	6.6398	.15009	19.619	3.7097	.70968	.61090	2.6945
#1	-.00288	222.97	.04712	-.00039	.01061	95.094	.01398	263.22
#2	-.00279	250.02	.04714	-.00045	.00989	96.344	.01381	276.32
#3	-.00297	251.41	.04725	-.00057	.01005	96.186	.01392	275.42
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00694	-.00410	.01786	.00121	-.01452	-.05494	-.00265	.01503
Stddev	.00073	.00025	.00783	.00060	.00027	.02713	.00018	.01766
%RSD	10.515	5.9892	43.835	49.337	1.8819	49.389	6.8052	117.51
#1	-.00764	-.00386	.01552	.00101	-.01421	-.02698	-.00280	-.00298
#2	-.00700	-.00407	.02659	.00074	-.01462	-.05668	-.00245	.03232
#3	-.00618	-.00435	.01147	.00189	-.01473	-.08116	-.00270	.01574
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01323	.00172	.00837	-.00300	.01144	.0190	-.00539	3.4104
Stddev	.00355	.00339	.00140	.00025	.00335	.0010	.00538	.0279
%RSD	26.839	197.52	16.781	8.3711	29.238	5.132	99.905	.81654
#1	.01508	-.00205	.00952	-.00291	.00764	.0186	-.01159	3.4421
#2	.00914	.00452	.00879	-.00329	.01395	.0183	-.00262	3.3993
#3	.01547	.00268	.00681	-.00281	.01274	.0201	-.00195	3.3898

Sample Name: ICSA01 Acquired: 5/14/2019 12:53:50 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.520
Stddev	.095
%RSD	.29186

#1	32.461
#2	32.470
#3	32.630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4073.2	44868.	3602.2	63.009	3868.4
Stddev	14.1	133.	177.3	2.203	17.3
%RSD	.34687	.29715	4.9230	3.4968	.44611

#1	4060.8	44996.	3806.3	65.251	3852.3
#2	4088.6	44730.	3515.4	62.929	3866.5
#3	4070.1	44878.	3485.0	60.846	3886.6

Sample Name: ICSAB01 Acquired: 5/14/2019 12:58:29 Type: Unk
Method: P4-ICP2(v3119) 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	.09435	.10135	.04786	.04335	.55629	272.81	.49597
Stddev	.00219	.00132	.00048	.00151	.00463	1.20	.00115
%RSD	2.3239	1.3009	.99835	3.4822	.83247	.43851	.23228

#1	.09202	.10139	.04818	.04381	.55806	272.84	.49563
#2	.09467	.10001	.04731	.04167	.55978	271.59	.49503
#3	.09637	.10265	.04810	.04458	.55104	273.99	.49726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48971	.90982	249.72	.50385	.44775	.45931	95.139
Stddev	.00063	.00054	.51	.00055	.00073	.00163	.412
%RSD	.12843	.05967	.20301	.11012	.16239	.35516	.43301

#1	.49027	.90942	249.70	.50326	.44816	.45862	94.979
#2	.48903	.91044	250.24	.50393	.44691	.46117	94.831
#3	.48983	.90961	249.23	.50437	.44819	.45813	95.607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47307	273.46	.88371	.18830	.02268	.46152	.94675
Stddev	.00058	.70	.00212	.00107	.00640	.00162	.00032
%RSD	.12156	.25649	.23941	.56676	28.236	.35025	.03423

#1	.47259	273.71	.88230	.18944	.02526	.46326	.94694
#2	.47292	272.66	.88269	.18814	.01539	.46007	.94638
#3	.47371	273.99	.88615	.18732	.02739	.46122	.94693

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05642	1.0213	1.0963	F .00779	.95902	1.0317	1.0242
Stddev	.04028	.0029	.0337	.00552	.00689	.0039	.0033
%RSD	71.400	.27998	3.0755	70.830	.71825	.37351	.32051

#1	-.10231	1.0183	1.0919	.01311	.95761	1.0273	1.0264
#2	-.04003	1.0240	1.0651	.00818	.96650	1.0341	1.0204
#3	-.02691	1.0216	1.1321	.00209	.95294	1.0338	1.0258

Sample Name: ICSAB01 Acquired: 5/14/2019 12:58:29 Type: Unk
 Method: P4-ICP2(v3119) 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 .01213	F .0134	F -.00083	3.5331	32.598
Stddev	.00128	.0033	.00034	.0519	.390
%RSD	10.522	24.77	40.639	1.4685	1.1975
#1	.01155	.0151	-.00044	3.5507	32.540
#2	.01124	.0095	-.00099	3.4747	33.014
#3	.01359	.0154	-.00106	3.5740	32.240
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.1	45083.	3522.0	61.328	3876.3
Stddev	12.1	161.	9.6	1.872	5.9
%RSD	.29671	.35634	.27325	3.0523	.15175
#1	4071.5	45030.	3519.9	59.524	3869.5
#2	4067.0	45263.	3513.5	61.200	3878.8
#3	4089.8	44955.	3532.5	63.261	3880.5

Sample Name: CCV01 Acquired: 5/14/2019 13:02:54 Type: Unk
Method: P4-ICP2(v3119) 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	4.8574	4.8457	4.8139	4.8261	4.8324	9.6755	9.6253	.24238
Stddev	.0120	.0170	.0083	.0146	.0005	.0490	.1415	.00093
%RSD	.24619	.34971	.17285	.30234	.01037	.50611	1.4700	.38355
#1	4.8496	4.8274	4.8043	4.8151	4.8326	9.7163	9.7253	.24228
#2	4.8515	4.8491	4.8188	4.8426	4.8328	9.6889	9.4634	.24335
#3	4.8712	4.8607	4.8186	4.8205	4.8318	9.6212	9.6873	.24150
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4005	24.744	.98189	2.3924	1.2241	4.9047	2.4633	24.192
Stddev	.0040	.328	.00078	.0031	.0009	.0070	.0058	.076
%RSD	.16738	1.3245	.07919	.13123	.07125	.14384	.23478	.31298
#1	2.3971	25.056	.98152	2.3888	1.2234	4.9003	2.4598	24.209
#2	2.4049	24.402	.98278	2.3942	1.2239	4.9128	2.4700	24.258
#3	2.3995	24.775	.98136	2.3943	1.2251	4.9010	2.4602	24.110
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4125	1.2268	24.090	2.4359	2.3985	24.239	4.9070	4.8542
Stddev	.0053	.0017	.025	.0053	.0032	.061	.0048	.0179
%RSD	.22187	.13868	.10472	.21845	.13503	.25316	.09709	.36803
#1	2.4100	1.2252	24.114	2.4316	2.3950	24.309	4.9019	4.8713
#2	2.4186	1.2286	24.064	2.4419	2.4014	24.203	4.9080	4.8357
#3	2.4088	1.2268	24.094	2.4343	2.3992	24.204	4.9112	4.8556
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.7265	4.9445	4.8327	4.9809	4.9352	4.778	4.9524	F 2.1748
Stddev	.0281	.0514	.0282	.0675	.0799	.017	.0742	.0232
%RSD	.59528	1.0393	.58441	1.3552	1.6199	.3557	1.4985	1.0671
#1	4.6943	4.9881	4.8016	5.0504	5.0234	4.760	5.0268	2.1859
#2	4.7388	4.8879	4.8567	4.9156	4.8675	4.794	4.8784	2.1904
#3	4.7464	4.9576	4.8400	4.9767	4.9146	4.779	4.9521	2.1481

Sample Name: CCV01 Acquired: 5/14/2019 13:02:54 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7599
Stddev .5148
%RSD 18.653

#1 2.7955
#2 2.2283
#3 3.2561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4397.8	48321.	3540.3	63.726	4351.0
Stddev	16.0	88.	50.4	1.858	9.7
%RSD	.36396	.18165	1.4225	2.9160	.22318

#1	4379.5	48231.	3488.4	62.479	4341.0
#2	4404.7	48324.	3589.0	65.862	4351.6
#3	4409.2	48407.	3543.4	62.837	4360.4

Sample Name: LLCCV01 Acquired: 5/14/2019 13:06:59 Type: Unk
Method: P4-ICP2(v3119) 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	.02065	.04168	.01184	.02098	.05257	.10429	.10122
Stddev	.00058	.00099	.00087	.00243	.00170	.00892	.00084
%RSD	2.8123	2.3769	7.3575	11.578	3.2427	8.5492	.82914

#1	.02047	.04232	.01275	.02164	.05168	.09690	.10025
#2	.02018	.04218	.01101	.02301	.05454	.10178	.10180
#3	.02130	.04054	.01175	.01829	.05150	.11420	.10159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	.00589	2.0819	.00989	.02876	.02123	.10539
Stddev	.00007	.00001	.0064	.00056	.00021	.00032	.00056
%RSD	1.0473	.15063	.30708	5.6685	.71359	1.5049	.53210

#1	.00639	.00590	2.0753	.01054	.02883	.02111	.10565
#2	.00627	.00588	2.0822	.00953	.02853	.02159	.10577
#3	.00628	.00590	2.0881	.00961	.02893	.02099	.10474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02200	1.9467	.03944	.01089	1.9956	.04128	.03868
Stddev	.00008	.0653	.00031	.00028	.0186	.00012	.00013
%RSD	.35488	3.3523	.79022	2.6025	.93350	.29963	.32513

#1	.02209	1.8878	.03928	.01111	1.9858	.04141	.03880
#2	.02198	1.9356	.03979	.01057	1.9838	.04117	.03868
#3	.02194	2.0169	.03924	.01097	2.0170	.04124	.03855

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9651	.20912	.11656	.01989	.41378	.03938	.04288
Stddev	.0536	.00043	.01675	.00125	.00314	.00080	.00104
%RSD	2.7298	.20458	14.371	6.2713	.75796	2.0437	2.4316

#1	1.9037	.20957	.13407	.02076	.41734	.03851	.04195
#2	2.0032	.20871	.11494	.01846	.41259	.03952	.04400
#3	1.9883	.20907	.10068	.02045	.41142	.04010	.04268

Sample Name: LLCCV01 Acquired: 5/14/2019 13:06:59 Type: Unk
Method: P4-ICP2(v3119) 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	.02310	.0168	.02073	F 1.6574	F<.00000
Stddev	.00050	.0008	.00012	.1318	.04489
%RSD	2.1605	5.044	.58732	7.9492	31.949

#1	.02256	.0159	.02062	1.5231	-.09244
#2	.02321	.0176	.02072	1.6625	-.14773
#3	.02354	.0169	.02086	1.7865	-.18134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4554.1	50667.	3582.5	67.356	4824.5
Stddev	5.5	132.	8.4	1.954	1.8
%RSD	.12070	.26048	.23376	2.9013	.03726

#1	4548.0	50534.	3576.4	67.342	4824.9
#2	4558.7	50669.	3579.0	65.408	4822.5
#3	4555.6	50798.	3592.0	69.317	4826.0

Sample Name: CCB01 Acquired: 5/14/2019 13:11:27 Type: Unk
Method: P4-ICP2(v3119) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00062	-.00052	.00069	.00049	.00403	.00108	.00009
Stddev	.00159	.00071	.00184	.00249	.00112	.00757	.00015	.00008
%RSD	144.53	114.83	350.22	362.71	229.24	187.76	13.859	92.697
#1	.00287	.00132	.00130	-.00214	.00158	-.00381	.00091	.00010
#2	.00066	.00062	-.00050	.00256	-.00067	.00462	.00117	.00017
#3	-.00023	-.00009	-.00237	.00165	.00056	.01130	.00116	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00145	-.00015	.00003	-.00049	.00017	.00002	.01856
Stddev	.00005	.01272	.00022	.00010	.00024	.00049	.00007	.03893
%RSD	123.02	874.87	143.69	368.81	48.710	288.21	461.74	209.73
#1	-.00010	.01033	.00010	.00010	-.00036	-.00035	-.00006	.03315
#2	-.00002	.00024	-.00032	.00007	-.00035	.00064	.00002	.04809
#3	-.00001	-.01494	-.00023	-.00009	-.00076	.00022	.00009	-.02555
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00018	-.01487	-.00006	-.00020	-.06649	.00008	.00450
Stddev	.00002	.00048	.00140	.00023	.00004	.01469	.00010	.00667
%RSD	2.9839	271.36	9.4214	392.82	18.773	22.101	117.98	148.34
#1	-.00074	-.00021	-.01459	-.00004	-.00022	-.06521	-.00003	.00256
#2	-.00076	-.00064	-.01363	.00016	-.00016	-.08178	.00011	-.00099
#3	-.00079	.00032	-.01639	-.00029	-.00023	-.05247	.00016	.01193
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	.00503	.00041	.00188	.00060	.0001	.00012	F 2.0884
Stddev	.00044	.00198	.00023	.00091	.00054	.0004	.00006	.0262
%RSD	81.247	39.395	55.973	48.422	88.794	349.6	47.254	1.2569
#1	-.00057	.00697	.00062	.00293	.00048	-.0002	.00013	2.1176
#2	-.00009	.00511	.00016	.00141	.00014	.0000	.00018	2.0668
#3	-.00097	.00301	.00045	.00131	.00119	.0005	.00007	2.0807

Sample Name: CCB01 Acquired: 5/14/2019 13:11:27 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .20904
Stddev	.53252
%RSD	254.74

#1	.76096
#2	.16784
#3	-.30168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4552.2	50975.	3625.7	68.236	4841.7
Stddev	11.6	190.	4.7	1.929	13.6
%RSD	.25523	.37246	.13076	2.8264	.28054

#1	4542.7	50965.	3626.7	66.167	4826.4
#2	4548.8	51170.	3620.5	69.983	4846.6
#3	4565.2	50790.	3629.8	68.558	4852.2

Sample Name: LR CHECK 1 Acquired: 5/14/2019 13:15:54 Type: Unk
Method: P4-ICP2(v3119) 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	-.03342	.04156	-.17608	-.30467	.02472	2122.7	.01200	.05391
Stddev	.00559	.00676	.00770	.00506	.00649	19.3	.00012	.00044
%RSD	16.727	16.274	4.3743	1.6622	26.257	.90878	1.0403	.82495

#1	-.03552	.03407	-.18488	-.30099	.02398	2100.4	.01213	.05348
#2	-.02708	.04723	-.17057	-.31044	.03155	2134.1	.01198	.05388
#3	-.03764	.04337	-.17279	-.30257	.01863	2133.5	.01189	.05436

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05216	1668.3	-.11219	.07040	.21977	931.11	-.02491	1803.2
Stddev	.00052	10.1	.00004	.00047	.00355	2.40	.00030	10.2
%RSD	.99464	.60262	.03236	.66949	1.6145	.25784	1.2162	.56817

#1	.05276	1657.4	-.11222	.07011	.22386	928.77	-.02457	1791.7
#2	.05188	1670.4	-.11215	.07015	.21785	931.01	-.02499	1806.9
#3	.05184	1677.2	-.11219	.07095	.21759	933.56	-.02515	1811.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01065	-.14084	1841.2	-.00093	.11376	1009.2	-.03094	-1.3364
Stddev	.00216	.00069	12.7	.00115	.00094	12.0	.00121	.0126
%RSD	20.301	.48866	.68911	123.97	.82628	1.1938	3.9023	.94211

#1	.00999	-.14015	1854.4	-.00003	.11475	998.13	-.03142	-1.3245
#2	.01307	-.14084	1840.0	-.00053	.11363	1007.5	-.03182	-1.3496
#3	.00890	-.14153	1829.1	-.00223	.11289	1022.0	-.02956	-1.3352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38381	.02619	.06849	-.06311	.07039	.1568	-1.0118	3.2138
Stddev	.00565	.00283	.00135	.00179	.00076	.0027	.0027	.1440
%RSD	1.4714	10.811	1.9659	2.8395	1.0852	1.745	.26661	4.4799

#1	.37751	.02375	.06960	-.06503	.07117	.1573	-1.0092	3.3797
#2	.38550	.02930	.06699	-.06149	.06964	.1593	-1.0117	3.1218
#3	.38842	.02554	.06887	-.06281	.07037	.1539	-1.0146	3.1398

Sample Name: LR CHECK 1 Acquired: 5/14/2019 13:15:54 Type: Unk
 Method: P4-ICP2(v3119) 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	3140.0	35088.	3147.8	52.839	2483.3
Stddev	8.0	159.	18.4	2.779	8.8
%RSD	.25541	.45347	.58543	5.2594	.35237

#1	3131.1	35244.	3156.9	50.448	2473.7
#2	3142.3	35096.	3160.0	55.888	2490.8
#3	3146.7	34926.	3126.6	52.181	2485.3

Sample Name: LR CHECK 2 Acquired: 5/14/2019 13:20:49 Type: Unk
Method: P4-ICP2(v3119) 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	.00005	-.00040	230.32	.03579	-.04214	-.23183	102.72	-.00155
Stddev	.00097	.00176	1.48	.00061	.00188	.01905	1.71	.00007
%RSD	1950.7	444.63	.64268	1.6986	4.4548	8.2180	1.6691	4.2352

#1	.00037	.00148	231.98	.03629	-.04293	-.22071	100.77	-.00162
#2	.00081	-.00066	229.14	.03512	-.03999	-.22096	103.38	-.00155
#3	-.00104	-.00201	229.85	.03597	-.04349	-.25383	104.00	-.00148

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00734	-.03260	-.13373	.00302	258.00	-.79065	45.358	-.14150
Stddev	.00008	.02714	.00093	.00027	.25	.00795	.128	.00930
%RSD	1.1123	83.232	.69280	9.0053	.09859	1.0054	.28175	6.5749

#1	-.00733	-.00263	-.13476	.00330	258.24	-.78341	45.396	-.14170
#2	-.00727	-.03967	-.13296	.00275	257.73	-.78937	45.215	-.15071
#3	-.00743	-.05551	-.13346	.00300	258.04	-.79915	45.462	-.13210

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.595	.00574	.60987	-.14428	36.781	1.0396	-.00890	.01286
Stddev	.152	.00014	.02032	.00089	.187	.0741	.00024	.00284
%RSD	.28378	2.4675	3.3318	.61929	.50733	7.1294	2.7243	22.060

#1	53.638	.00569	.58818	-.14427	36.994	.95451	-.00868	.01609
#2	53.722	.00563	.61296	-.14339	36.647	1.0740	-.00916	.01078
#3	53.427	.00590	.62846	-.14518	36.703	1.0903	-.00886	.01171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03730	.01515	.00131	.00893	.00092	-2.515	.00351	2.6978
Stddev	.00491	.00336	.00073	.00120	.00157	.006	.00012	.1108
%RSD	13.169	22.168	55.801	13.429	171.03	.2320	3.4372	4.1078

#1	.04210	.01775	.00087	.00957	.00029	-2.513	.00337	2.5743
#2	.03751	.01635	.00091	.00966	.00270	-2.511	.00360	2.7887
#3	.03229	.01136	.00216	.00754	-.00024	-2.522	.00357	2.7303

Sample Name: LR CHECK 2 Acquired: 5/14/2019 13:20:49 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1604
 Stddev .5692
 %RSD 49.051

#1 .52362
 #2 1.6197
 #3 1.3379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4202.0	51112.	3636.3	66.706	4385.1
Stddev	1.8	136.	16.2	1.585	8.6
%RSD	.04306	.26558	.44432	2.3766	.19605

#1	4203.9	51184.	3629.9	67.617	4380.3
#2	4201.8	51196.	3624.3	67.625	4380.1
#3	4200.3	50955.	3654.6	64.875	4395.1

Sample Name: K2767-12 Acquired: 5/14/2019 13:26:02 Type: Unk
Method: P4-ICP2(v3119) 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	.12910	-.00295	3.1400	.00154	.05055	112.32	3.1853	.03387
Stddev	.00244	.00155	.0011	.00142	.00015	.64	.0279	.00021
%RSD	1.8922	52.545	.03508	92.007	.30458	.56640	.87708	.61931
#1	.13191	-.00473	3.1410	.00223	.05040	111.60	3.1531	.03364
#2	.12751	-.00218	3.1388	.00249	.05054	112.54	3.2025	.03391
#3	.12786	-.00193	3.1403	-.00009	.05071	112.82	3.2003	.03405
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	40.592	.12647	.23989	.87705	288.31	12.585	27.401
Stddev	.00017	.223	.00083	.00084	.00084	1.37	.037	.084
%RSD	4.8304	.54852	.65429	.35107	.09548	.47454	.29621	.30673
#1	.00371	40.816	.12692	.23900	.87687	286.83	12.561	27.305
#2	.00337	40.588	.12552	.24067	.87631	289.53	12.567	27.461
#3	.00360	40.371	.12698	.24002	.87796	288.56	12.628	27.437
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46272	-.01355	.87947	.43750	1.1842	9.4163	.01453	-.05063
Stddev	.00167	.00041	.02163	.00345	.0041	.0592	.00027	.01452
%RSD	.35997	3.0384	2.4596	.78818	.34595	.62817	1.8721	28.686
#1	.46087	-.01341	.85493	.43431	1.1882	9.3483	.01438	-.04881
#2	.46411	-.01323	.88773	.43704	1.1843	9.4560	.01484	-.03710
#3	.46319	-.01401	.89576	.44116	1.1800	9.4446	.01437	-.06597
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.481	2.5235	.65552	2.1264	.21038	F 11.44	.55970	<.00000
Stddev	.002	.0203	.00092	.0051	.00129	.01	.00860	.06087
%RSD	.01811	.80413	.14028	.24163	.61337	.0988	1.5362	69.295
#1	11.479	2.5457	.65447	2.1318	.21102	11.45	.56911	-.09190
#2	11.483	2.5190	.65611	2.1216	.20890	11.43	.55775	-.02504
#3	11.482	2.5058	.65599	2.1257	.21123	11.44	.55225	-.14657

Sample Name: K2767-12 Acquired: 5/14/2019 13:26:02 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 121.82
Stddev	.35
%RSD	.28801

#1	121.52
#2	121.74
#3	122.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5090.6	57581.	4433.8	66.920	4213.8
Stddev	9.0	60.	62.1	.844	11.5
%RSD	.17583	.10390	1.4005	1.2615	.27187

#1	5080.3	57650.	4364.2	67.091	4201.3
#2	5094.6	57546.	4453.7	66.003	4216.5
#3	5096.8	57547.	4483.5	67.665	4223.8

Sample Name: K2767-12DUP Acquired: 5/14/2019 13:30:34 Type: Unk
Method: P4-ICP2(v3119) 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	.13013	-.00390	3.1363	.00048	.05150	111.86	3.1617	.03406
Stddev	.00282	.00104	.0015	.00257	.00071	.25	.0006	.00013
%RSD	2.1683	26.782	.04792	535.71	1.3807	.21970	.02030	.37746
#1	.12875	-.00335	3.1346	-.00218	.05120	111.59	3.1622	.03403
#2	.13337	-.00324	3.1373	.00067	.05231	111.93	3.1620	.03420
#3	.12826	-.00510	3.1370	.00295	.05099	112.06	3.1610	.03395
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	40.527	.12763	.24069	.87623	289.95	12.631	27.579
Stddev	.00025	.256	.00017	.00008	.00169	2.58	.071	.038
%RSD	6.8377	.63266	.13651	.03241	.19272	.88965	.56003	.13710
#1	.00396	40.333	.12747	.24060	.87471	286.97	12.663	27.595
#2	.00346	40.430	.12760	.24076	.87593	291.58	12.680	27.606
#3	.00366	40.818	.12781	.24070	.87805	291.29	12.550	27.535
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46212	-.01366	.80936	.43665	1.1823	9.3500	.01455	-.04453
Stddev	.00133	.00024	.00048	.00128	.0011	.0385	.00011	.01901
%RSD	.28721	1.7329	.05896	.29247	.09266	.41223	.77908	42.697
#1	.46275	-.01391	.80983	.43518	1.1828	9.3243	.01468	-.06627
#2	.46060	-.01363	.80888	.43733	1.1811	9.3944	.01447	-.03100
#3	.46302	-.01343	.80937	.43745	1.1831	9.3315	.01451	-.03632
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.431	2.5396	.65402	2.1332	.21044	F 11.48	.55719	<.00000
Stddev	.024	.0065	.00159	.0021	.00067	.03	.00308	.08219
%RSD	.21057	.25713	.24383	.09819	.31727	.2382	.55310	720.83
#1	11.430	2.5398	.65495	2.1325	.21093	11.50	.55754	-.08155
#2	11.408	2.5460	.65218	2.1355	.20968	11.45	.55394	-.03169
#3	11.456	2.5329	.65494	2.1314	.21070	11.49	.56008	.07903

Sample Name: K2767-12DUP Acquired: 5/14/2019 13:30:34 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 122.03
Stddev	.42
%RSD	.34049

#1	121.83
#2	122.51
#3	121.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5081.6	57503.	4402.4	66.554	4207.9
Stddev	7.2	144.	15.3	.504	3.3
%RSD	.14162	.25062	.34711	.75701	.07854

#1	5086.8	57565.	4420.0	66.971	4207.8
#2	5073.4	57338.	4394.2	66.698	4204.6
#3	5084.5	57606.	4393.0	65.994	4211.2

Sample Name: K2767-12LX5 Acquired: 5/14/2019 13:35:04 Type: Unk
Method: P4-ICP2(v3119) 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	.03168	.00108	.65247	.00842	.01089	24.806	.68734	.00726
Stddev	.00084	.00015	.00263	.00320	.00050	.323	.01063	.00012
%RSD	2.6412	13.975	.40312	37.944	4.5579	1.3040	1.5470	1.6987

#1	.03080	.00095	.64951	.01178	.01054	24.917	.68915	.00712
#2	.03247	.00105	.65334	.00542	.01146	25.058	.69696	.00736
#3	.03176	.00125	.65455	.00806	.01067	24.441	.67592	.00728

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	9.1551	.02746	.04748	.20881	83.907	3.1414	6.2161
Stddev	.00008	.6914	.00052	.00032	.00057	.331	.0014	.0839
%RSD	3.1301	7.5521	1.8879	.66589	.27419	.39394	.04435	1.3497

#1	-.00261	9.5854	.02776	.04712	.20838	83.526	3.1430	6.2238
#2	-.00278	9.5223	.02687	.04761	.20859	84.110	3.1403	6.2959
#3	-.00270	8.3575	.02777	.04772	.20946	84.086	3.1409	6.1286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09071	-.00094	.26245	.10029	.23167	2.1670	.00297	.01811
Stddev	.00060	.00030	.00748	.00064	.00085	.0386	.00030	.01061
%RSD	.65802	31.986	2.8519	.63398	.36652	1.7802	10.154	58.576

#1	.09007	-.00085	.25385	.10102	.23077	2.1529	.00308	.02318
#2	.09078	-.00069	.26743	.09996	.23178	2.2106	.00320	.02523
#3	.09126	-.00127	.26609	.09988	.23246	2.1374	.00263	.00592

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2349	.58278	.13126	.46820	.04923	2.230	.10426	2.0295
Stddev	.0040	.03571	.00078	.03453	.00548	.011	.01456	.0155
%RSD	.17669	6.1272	.59399	7.3745	11.139	.4917	13.961	.76289

#1	2.2345	.60514	.13210	.48995	.05199	2.219	.11466	2.0188
#2	2.2312	.60160	.13110	.48625	.05277	2.230	.11050	2.0223
#3	2.2391	.54160	.13056	.42838	.04291	2.241	.08762	2.0472

Sample Name: K2767-12LX5 Acquired: 5/14/2019 13:35:04 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 29.055
Stddev .178
%RSD .61230

#1 29.126
#2 29.187
#3 28.853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4652.2	52248.	3967.5	69.486	4590.3
Stddev	8.9	91.	238.3	5.255	2.3
%RSD	.19088	.17466	6.0059	7.5631	.04950

#1	4650.0	52316.	3796.2	66.863	4592.9
#2	4644.6	52145.	3866.6	66.058	4588.6
#3	4662.0	52284.	4239.6	75.536	4589.5

Sample Name: K2807-03 Acquired: 5/14/2019 13:52:32 Type: Unk
Method: P4-ICP2(v3119) 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	.08507	-.00058	.98454	-.00111	.04360	136.58	1.1147	.01742
Stddev	.00330	.00154	.00215	.00514	.00038	.54	.0033	.00032
%RSD	3.8745	267.58	.21790	461.65	.86578	.39314	.29294	1.8265
#1	.08146	-.00214	.98210	.00471	.04363	136.01	1.1117	.01711
#2	.08584	-.00052	.98613	-.00300	.04321	137.07	1.1141	.01742
#3	.08791	.00094	.98539	-.00505	.04397	136.67	1.1182	.01775
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	203.75	.32630	.16698	.90022	239.30	5.0014	83.205
Stddev	.00009	.93	.00030	.00081	.00046	.33	.0252	.312
%RSD	8.2244	.45614	.09303	.48333	.05165	.13920	.50324	.37438
#1	-.00105	204.09	.32633	.16745	.89983	239.01	5.0039	83.073
#2	-.00112	202.70	.32599	.16744	.90074	239.66	4.9751	82.980
#3	-.00123	204.47	.32660	.16604	.90010	239.22	5.0252	83.560
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83222	-.01116	8.0828	.40751	1.3898	16.161	.00360	.00626
Stddev	.00127	.00052	.0123	.00221	.0045	.098	.00043	.01040
%RSD	.15230	4.6544	.15273	.54149	.32638	.60548	12.031	166.15
#1	.83312	-.01148	8.0719	.40762	1.3857	16.048	.00398	.00936
#2	.83276	-.01144	8.0962	.40966	1.3947	16.213	.00313	.01475
#3	.83077	-.01056	8.0802	.40525	1.3890	16.221	.00370	-.00534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.607	4.0240	.05466	2.8624	.20579	7.836	.37903	.72727
Stddev	.043	.0098	.00115	.0071	.00044	.028	.00253	.15661
%RSD	.24286	.24247	2.1117	.24817	.21360	.3599	.66746	21.534
#1	17.616	4.0340	.05449	2.8597	.20630	7.818	.37961	.88875
#2	17.644	4.0145	.05361	2.8570	.20559	7.869	.37626	.71705
#3	17.560	4.0234	.05590	2.8704	.20549	7.821	.38122	.57603

Sample Name: K2807-03 Acquired: 5/14/2019 13:52:32 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 93.355
Stddev	.155
%RSD	.16610

#1	93.532
#2	93.290
#3	93.243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4786.6	53167.	4132.7	59.527	3942.9
Stddev	4.2	50.	14.4	1.452	14.0
%RSD	.08757	.09409	.34944	2.4390	.35557

#1	4789.3	53225.	4120.7	57.949	3954.8
#2	4781.8	53139.	4148.8	59.828	3927.4
#3	4788.8	53138.	4128.8	60.805	3946.5

Sample Name: K2807-03DUP Acquired: 5/14/2019 13:57:04 Type: Unk
Method: P4-ICP2(v3119) 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	.08477	-.00426	1.0047	.00166	.03091	135.94	1.1096	.01765
Stddev	.00316	.00181	.0034	.00379	.00320	.75	.0077	.00022
%RSD	3.7284	42.592	.33731	228.61	10.350	.55375	.69172	1.2492
#1	.08650	-.00395	1.0008	-.00268	.02867	136.48	1.1165	.01790
#2	.08669	-.00620	1.0067	.00429	.02948	136.26	1.1109	.01747
#3	.08112	-.00262	1.0065	.00336	.03457	135.08	1.1013	.01759
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	184.57	.32593	.16733	.74058	239.45	5.1059	83.587
Stddev	.00023	.40	.00095	.00044	.01733	1.62	.0172	.542
%RSD	20.447	.21821	.29204	.26428	2.3399	.67678	.33761	.64869
#1	-.00084	184.58	.32514	.16684	.72194	238.30	5.1247	83.630
#2	-.00126	184.96	.32565	.16770	.74361	241.30	5.1020	84.107
#3	-.00121	184.16	.32698	.16744	.75620	238.75	5.0909	83.025
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83126	-.01110	7.9722	.41062	1.4383	15.732	.00376	.00285
Stddev	.00249	.00037	.0459	.00215	.0064	.036	.00037	.00750
%RSD	.29945	3.3109	.57510	.52306	.44690	.22853	9.9564	262.91
#1	.82925	-.01142	8.0050	.41305	1.4456	15.774	.00341	.00855
#2	.83049	-.01119	7.9917	.40896	1.4358	15.709	.00371	-.00565
#3	.83404	-.01070	7.9198	.40987	1.4335	15.714	.00416	.00566
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.822	3.6094	.05335	2.7920	.20615	7.487	.36596	.70435
Stddev	.376	.0464	.00108	.0089	.00208	.075	.00270	.14248
%RSD	2.7215	1.2863	2.0240	.31922	1.0075	1.007	.73837	20.228
#1	13.439	3.5667	.05452	2.7817	.20602	7.426	.36896	.79406
#2	13.836	3.6026	.05238	2.7968	.20829	7.464	.36524	.77893
#3	14.191	3.6588	.05316	2.7975	.20414	7.571	.36370	.54007

Sample Name: K2807-03DUP Acquired: 5/14/2019 13:57:04 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 93.005
Stddev .964
%RSD 1.0361

#1 94.077
#2 92.730
#3 92.209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4768.3	52807.	4092.0	61.302	3942.6
Stddev	2.6	143.	17.6	1.912	1.1
%RSD	.05419	.27076	.43014	3.1192	.02701

#1	4771.3	52860.	4111.4	62.737	3942.2
#2	4766.7	52645.	4077.0	62.038	3943.9
#3	4766.9	52915.	4087.7	59.131	3941.9

Sample Name: CCV02 Acquired: 5/14/2019 14:01:37 Type: Unk
 Method: P4-ICP2(v3119) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9467	4.9942	4.9972	4.9149	4.9211	9.7682	9.8427	.25067	2.4775
Stddev	.0060	.0047	.0056	.0080	.0101	.0598	.0367	.00064	.0044
%RSD	.12210	.09371	.11204	.16178	.20519	.61236	.37296	.25333	.17941
#1	4.9500	4.9911	5.0030	4.9239	4.9239	9.7712	9.8695	.25028	2.4816
#2	4.9504	4.9919	4.9918	4.9087	4.9099	9.7069	9.8008	.25033	2.4728
#3	4.9397	4.9996	4.9967	4.9121	4.9296	9.8264	9.8576	.25140	2.4780
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.462	1.0129	2.4852	1.2541	5.0926	2.5512	24.664	2.4890	1.2586
Stddev	.128	.0046	.0051	.0014	.0060	.0035	.238	.0032	.0023
%RSD	.50148	.45503	.20540	.11117	.11724	.13755	.96541	.13058	.18072
#1	25.326	1.0106	2.4850	1.2556	5.0879	2.5514	24.501	2.4927	1.2575
#2	25.579	1.0100	2.4803	1.2541	5.0906	2.5476	24.554	2.4866	1.2572
#3	25.479	1.0182	2.4905	1.2528	5.0993	2.5547	24.937	2.4878	1.2612
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	24.453	2.5220	2.4826	24.348	5.0308	4.9294	4.8362	5.1419	4.9776
Stddev	.081	.0040	.0020	.076	.0079	.0350	.0060	.0430	.0048
%RSD	.33055	.16053	.08133	.31171	.15734	.70925	.12465	.83594	.09708
#1	24.504	2.5207	2.4848	24.397	5.0399	4.9165	4.8293	5.1063	4.9825
#2	24.359	2.5188	2.4808	24.260	5.0272	4.9028	4.8404	5.1897	4.9729
#3	24.494	2.5266	2.4823	24.386	5.0253	4.9690	4.8390	5.1297	4.9774
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0985	5.0452	4.920	5.0897	3.1039	3.0447			
Stddev	.0182	.0150	.010	.0086	.0358	.2783			
%RSD	.35622	.29689	.2089	.16915	1.1523	9.1395			
#1	5.0776	5.0490	4.930	5.0871	3.1328	3.0184			
#2	5.1084	5.0578	4.909	5.0993	3.0639	2.7805			
#3	5.1096	5.0286	4.921	5.0827	3.1151	3.3351			

Sample Name: CCV02 Acquired: 5/14/2019 14:01:37 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC 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	4285.1	47217.	3408.8	61.009	4217.3
Stddev	18.8	115.	15.9	.808	18.0
%RSD	.43915	.24315	.46748	1.3236	.42571
#1	4263.4	47262.	3423.1	60.259	4196.7
#2	4295.5	47303.	3391.6	61.864	4225.1
#3	4296.5	47087.	3411.8	60.904	4229.9

Sample Name: CCB02 Acquired: 5/14/2019 14:05:37 Type: Unk
Method: P4-ICP2(v3119) 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	.00170	.00034	.00460	.00009	.00036	-.00028	.00126	.00002
Stddev	.00148	.00102	.00087	.00121	.00096	.00170	.00027	.00008
%RSD	86.968	304.94	18.961	1385.6	263.97	613.83	21.488	336.62

#1	.00007	.00105	.00556	.00147	-.00052	.00055	.00115	-.00003
#2	.00209	-.00084	.00438	-.00042	.00139	.00085	.00158	-.00002
#3	.00294	.00079	.00385	-.00078	.00023	-.00223	.00107	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00613	-.00050	.00003	-.00048	.00222	.00053	.01112
Stddev	.00005	.00807	.00018	.00008	.00024	.00048	.00001	.00732
%RSD	205.21	131.64	35.029	269.44	50.203	21.483	2.2538	65.803

#1	-.00005	.01123	-.00068	-.00001	-.00076	.00276	.00054	.01930
#2	.00003	.01033	-.00050	-.00002	-.00037	.00188	.00052	.00518
#3	-.00005	-.00317	-.00033	.00012	-.00032	.00201	.00053	.00890

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00002	.02533	.00020	.00101	-.00602	.00024	.01121
Stddev	.00006	.00042	.00503	.00021	.00017	.00728	.00016	.00941
%RSD	8.0594	1815.2	19.841	104.64	17.347	120.83	67.177	83.965

#1	-.00083	.00051	.02741	.00034	.00118	-.01131	.00028	.00053
#2	-.00071	-.00018	.02898	-.00004	.00101	-.00903	.00039	.01828
#3	-.00078	-.00025	.01960	.00031	.00083	.00228	.00007	.01482

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	.00706	.00004	.00095	.00186	.0003	.00013	2.2050
Stddev	.00248	.00223	.00030	.00151	.00186	.0011	.00002	.0253
%RSD	69.967	31.559	745.46	157.82	99.990	328.9	15.835	1.1494

#1	.00598	.00694	-.00030	-.00060	.00210	.0012	.00012	2.2341
#2	.00103	.00489	.00028	.00241	.00360	.0006	.00015	2.1932
#3	.00361	.00934	.00014	.00105	-.00011	-.0008	.00011	2.1877

Sample Name: CCB02 Acquired: 5/14/2019 14:05:37 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .21913
Stddev .31715
%RSD 144.73

#1 -.03235
#2 .11432
#3 .57542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4492.4	50183.	3512.2	64.033	4762.2
Stddev	2.4	137.	17.3	.641	1.5
%RSD	.05417	.27295	.49396	1.0011	.03233

#1	4489.6	50295.	3492.7	63.542	4761.4
#2	4493.5	50030.	3518.2	63.800	4764.0
#3	4494.1	50223.	3525.8	64.758	4761.3

Sample Name: K2807-03LX5 Acquired: 5/14/2019 14:10:06 Type: Unk
Method: P4-ICP2(v3119) 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	.02279	.00059	.20442	.00701	.01278	30.094	.24960	.00366
Stddev	.00180	.00111	.00243	.00332	.00094	.478	.00423	.00009
%RSD	7.9168	186.89	1.1871	47.358	7.3563	1.5870	1.6950	2.4308

#1	.02488	.00164	.20225	.01023	.01186	29.734	.24674	.00373
#2	.02179	-.00057	.20704	.00359	.01275	30.636	.25446	.00369
#3	.02171	.00071	.20397	.00722	.01374	29.912	.24760	.00356

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	53.579	.07596	.03437	.24882	65.669	1.2077	18.847
Stddev	.00009	4.379	.00054	.00026	.00051	.159	.0018	.425
%RSD	3.7670	8.1737	.70927	.75686	.20488	.24262	.15222	2.2575

#1	-.00256	51.588	.07658	.03419	.24879	65.830	1.2060	18.657
#2	-.00258	58.600	.07570	.03467	.24935	65.664	1.2097	19.334
#3	-.00241	50.549	.07560	.03424	.24833	65.512	1.2074	18.549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16831	-.00096	1.8162	.09487	.26769	3.5609	.00048	.03131
Stddev	.00036	.00026	.0257	.00018	.00025	.0504	.00032	.01107
%RSD	.21208	27.377	1.4162	.19010	.09373	1.4149	66.557	35.366

#1	.16848	-.00119	1.7888	.09473	.26781	3.5077	.00072	.04286
#2	.16854	-.00102	1.8398	.09507	.26785	3.6078	.00062	.03029
#3	.16789	-.00068	1.8199	.09480	.26740	3.5672	.00012	.02078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0074	1.0486	.01198	.70989	.05222	1.602	.08930	2.4962
Stddev	.0127	.0739	.00057	.05611	.00616	.001	.01301	.0453
%RSD	.31602	7.0433	4.7720	7.9043	11.795	.0438	14.570	1.8145

#1	4.0146	1.0214	.01217	.68625	.04912	1.602	.08321	2.5485
#2	4.0149	1.1322	.01243	.77395	.05932	1.603	.10424	2.4696
#3	3.9928	.99222	.01133	.66946	.04823	1.601	.08045	2.4704

Sample Name: K2807-03LX5 Acquired: 5/14/2019 14:10:06 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 22.942
 Stddev .366
 %RSD 1.5965

#1 23.307
 #2 22.943
 #3 22.575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4491.8	50195.	3560.1	63.121	4370.4
Stddev	8.8	194.	221.5	4.255	8.5
%RSD	.19510	.38697	6.2229	6.7418	.19547

#1	4483.7	50293.	3649.2	67.087	4366.7
#2	4490.6	50320.	3307.9	58.626	4364.4
#3	4501.1	49971.	3723.3	63.650	4380.2

Sample Name: K2807-03MS Acquired: 5/14/2019 14:14:30 Type: Unk
Method: P4-ICP2(v3119) 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	.78308	2.0267	2.0622	1.7765	.73336	135.73	1.2846	.20080
Stddev	.00278	.0106	.0033	.0007	.00211	.48	.0081	.00059
%RSD	.35442	.52379	.16216	.04165	.28754	.35700	.63252	.29295
#1	.78160	2.0156	2.0650	1.7772	.73407	135.18	1.2771	.20085
#2	.78628	2.0367	2.0630	1.7757	.73502	135.91	1.2932	.20137
#3	.78135	2.0280	2.0585	1.7766	.73099	136.10	1.2834	.20019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20350	177.56	.67537	.37775	.80098	238.69	5.2743	84.494
Stddev	.00046	.39	.00152	.00095	.00113	.86	.0448	.458
%RSD	.22382	.22084	.22489	.25139	.14049	.35872	.84998	.54234
#1	.20402	177.31	.67711	.37821	.80011	237.77	5.2474	84.044
#2	.20327	177.37	.67436	.37839	.80225	238.83	5.2495	84.960
#3	.20320	178.02	.67462	.37666	.80057	239.47	5.3261	84.477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3452	.05655	10.600	.68049	1.7304	24.392	.35859	.29163
Stddev	.0026	.00038	.044	.00136	.0001	.060	.00166	.00221
%RSD	.18996	.67058	.41701	.20045	.00657	.24484	.46298	.75719
#1	1.3458	.05682	10.550	.68164	1.7305	24.336	.35693	.29393
#2	1.3474	.05670	10.634	.68083	1.7304	24.455	.36025	.29142
#3	1.3424	.05611	10.616	.67898	1.7303	24.386	.35859	.28953
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5388	7.2750	.76869	3.0572	.38209	F 12.89	.53994	1.3504
Stddev	.0352	.0362	.00360	.0170	.00170	.05	.00295	.1530
%RSD	.36897	.49749	.46873	.55555	.44603	.3529	.54722	11.330
#1	9.5278	7.2751	.76477	3.0410	.38129	12.87	.53699	1.4571
#2	9.5781	7.2388	.77186	3.0557	.38093	12.95	.53993	1.1751
#3	9.5103	7.3112	.76943	3.0748	.38404	12.87	.54290	1.4190

Sample Name: K2807-03MS Acquired: 5/14/2019 14:14:30 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 90.137
Stddev .143
%RSD .15912

#1 90.152
#2 89.986
#3 90.272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4728.4	52871.	4027.8	62.110	3897.9
Stddev	9.4	69.	21.0	.525	3.9
%RSD	.19942	.13047	.52038	.84573	.10086

#1	4729.1	52920.	4031.4	61.505	3894.4
#2	4737.4	52901.	4046.6	62.375	3902.2
#3	4718.6	52792.	4005.2	62.450	3897.1

Sample Name: K2807-03A Acquired: 5/14/2019 14:18:56 Type: Unk
Method: P4-ICP2(v3119) 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	.68619	1.7365	1.9005	1.5263	.64056	135.55	1.2608	.17437
Stddev	.00119	.0114	.0093	.0042	.00106	.89	.0085	.00022
%RSD	.17278	.65536	.49056	.27611	.16538	.65424	.67588	.12845
#1	.68508	1.7354	1.8950	1.5311	.64178	134.53	1.2510	.17453
#2	.68744	1.7484	1.9113	1.5239	.63999	136.03	1.2646	.17411
#3	.68605	1.7257	1.8953	1.5238	.63990	136.10	1.2666	.17446
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17481	183.87	.62734	.34587	.84197	238.64	5.2291	84.338
Stddev	.00103	1.10	.00084	.00216	.00071	.26	.0105	.284
%RSD	.59097	.59934	.13376	.62557	.08423	.10897	.20095	.33639
#1	.17444	183.77	.62653	.34393	.84126	238.92	5.2277	84.020
#2	.17598	182.82	.62730	.34820	.84198	238.60	5.2403	84.564
#3	.17402	185.02	.62820	.34548	.84267	238.41	5.2194	84.430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2708	.04719	10.245	.64237	1.6759	23.354	.31175	.23654
Stddev	.0079	.00068	.044	.00069	.0086	.096	.00050	.01280
%RSD	.62368	1.4308	.42917	.10672	.51578	.41056	.15966	5.4112
#1	1.2651	.04694	10.194	.64280	1.6706	23.248	.31142	.24625
#2	1.2798	.04795	10.273	.64274	1.6859	23.381	.31152	.24133
#3	1.2674	.04667	10.268	.64158	1.6713	23.434	.31233	.22203
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.257	7.0248	.67168	3.0447	.35849	F 12.21	.52022	1.2265
Stddev	.073	.0664	.00395	.0076	.00136	.07	.00501	.0676
%RSD	.65156	.94509	.58872	.24919	.38045	.5392	.96287	5.5120
#1	11.238	7.0770	.66725	3.0385	.35988	12.18	.51947	1.2430
#2	11.338	6.9501	.67484	3.0423	.35715	12.28	.51563	1.1522
#3	11.194	7.0473	.67296	3.0532	.35844	12.16	.52557	1.2843

Sample Name: K2807-03A Acquired: 5/14/2019 14:18:56 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	89.600
Stddev	.344
%RSD	.38379

#1	89.839
#2	89.755
#3	89.206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4736.0	52686.	4001.9	62.449	3920.5
Stddev	6.2	147.	43.7	.965	17.9
%RSD	.13049	.27922	1.0931	1.5449	.45712

#1	4729.1	52580.	3966.5	63.554	3933.8
#2	4741.1	52854.	4050.8	61.771	3900.1
#3	4737.7	52623.	3988.3	62.022	3927.5

Sample Name: K2807-03MSD Acquired: 5/14/2019 14:23:24 Type: Unk
Method: P4-ICP2(v3119) 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	.74422	1.9069	1.9803	1.6615	.69456	135.80	1.2678	.18779
Stddev	.00591	.0100	.0071	.0098	.00249	.56	.0054	.00058
%RSD	.79391	.52519	.35810	.58748	.35808	.40949	.42896	.30936
#1	.74977	1.9128	1.9823	1.6637	.69214	136.37	1.2626	.18799
#2	.74488	1.9126	1.9863	1.6699	.69711	135.26	1.2673	.18824
#3	.73800	1.8954	1.9725	1.6508	.69441	135.77	1.2734	.18713
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18904	182.07	.65007	.36154	.81565	236.69	5.1927	83.874
Stddev	.00036	.67	.00179	.00217	.00116	1.34	.0181	.640
%RSD	.19179	.36657	.27541	.60080	.14230	.56747	.34760	.76271
#1	.18899	181.33	.65189	.36245	.81631	236.33	5.2072	83.746
#2	.18943	182.24	.64831	.36311	.81431	235.56	5.1725	83.308
#3	.18871	182.63	.65002	.35906	.81633	238.18	5.1985	84.568
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3078	.05260	10.343	.65930	1.6938	24.143	.33845	.25528
Stddev	.0056	.00074	.036	.00073	.0030	.043	.00117	.01455
%RSD	.43041	1.4065	.35050	.11097	.17548	.17766	.34707	5.6988
#1	1.3105	.05211	10.331	.66002	1.6960	24.170	.33868	.24774
#2	1.3116	.05225	10.314	.65933	1.6950	24.093	.33949	.27205
#3	1.3013	.05345	10.383	.65856	1.6904	24.165	.33718	.24605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.409	7.2895	.72901	3.0894	.38003	F 12.65	.54175	1.0410
Stddev	.036	.0102	.00304	.0055	.00332	.07	.00250	.0291
%RSD	.34408	.14010	.41739	.17891	.87440	.5276	.46219	2.7986
#1	10.431	7.2806	.73237	3.0884	.38356	12.70	.54177	1.0541
#2	10.428	7.3006	.72824	3.0844	.37955	12.69	.54424	1.0612
#3	10.367	7.2873	.72643	3.0953	.37697	12.58	.53923	1.0076

Sample Name: K2807-03MSD Acquired: 5/14/2019 14:23:24 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	89.112
Stddev	.961
%RSD	1.0780

#1	88.283
#2	90.165
#3	88.890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4754.3	52914.	3962.8	60.430	3933.2
Stddev	13.7	262.	14.4	2.662	16.7
%RSD	.28771	.49426	.36319	4.4049	.42546

#1	4746.9	52634.	3947.1	62.712	3922.4
#2	4745.8	53152.	3965.6	57.506	3924.8
#3	4770.0	52956.	3975.5	61.072	3952.5

Sample Name: K2767-13 Acquired: 5/14/2019 14:34:44 Type: Unk
Method: P4-ICP2(v3119) 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	.76809	1.8738	4.1162	1.6410	.69544	116.70	3.4413	.19140
Stddev	.00130	.0039	.0045	.0079	.00069	.33	.0069	.00126
%RSD	.16925	.20870	.10935	.47998	.09972	.28022	.19985	.65851
#1	.76838	1.8693	4.1182	1.6330	.69542	116.53	3.4374	.19019
#2	.76666	1.8766	4.1194	1.6414	.69475	116.50	3.4372	.19129
#3	.76921	1.8754	4.1111	1.6487	.69614	117.08	3.4492	.19271
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19141	42.436	.44664	.43582	1.1260	294.21	12.725	29.506
Stddev	.00069	.264	.00265	.00069	.0034	.90	.057	.201
%RSD	.36234	.62247	.59250	.15853	.30635	.30628	.44728	.68243
#1	.19061	42.686	.44422	.43552	1.1239	294.51	12.734	29.278
#2	.19176	42.461	.44622	.43660	1.1242	293.19	12.664	29.585
#3	.19186	42.160	.44946	.43532	1.1300	294.92	12.777	29.657
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95101	.04407	3.1525	.68120	1.3793	17.709	.34472	.18969
Stddev	.00046	.00042	.0162	.00067	.0016	.002	.00094	.00782
%RSD	.04822	.94310	.51443	.09890	.11575	.01130	.27176	4.1225
#1	.95057	.04377	3.1342	.68050	1.3775	17.710	.34451	.18066
#2	.95096	.04455	3.1583	.68125	1.3801	17.707	.34391	.19400
#3	.95148	.04390	3.1650	.68185	1.3804	17.711	.34575	.19440
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.836	4.1233	1.3273	2.3912	.37666	F 17.06	.73997	<.00000
Stddev	.025	.0196	.0022	.0047	.00193	.03	.00631	.19359
%RSD	.20994	.47609	.16216	.19515	.51319	.1741	.85214	80.058
#1	11.864	4.1398	1.3296	2.3862	.37550	17.04	.74638	-.15371
#2	11.817	4.1283	1.3254	2.3955	.37889	17.06	.73977	-.10794
#3	11.827	4.1016	1.3268	2.3918	.37558	17.10	.73377	-.46379

Sample Name: K2767-13 Acquired: 5/14/2019 14:34:44 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 119.46
Stddev .49
%RSD .40955

#1 119.92
#2 118.95
#3 119.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4985.2	56417.	4290.2	63.653	4102.7
Stddev	2.8	90.	33.6	.944	5.9
%RSD	.05566	.16003	.78241	1.4835	.14395

#1	4982.3	56342.	4251.9	64.687	4098.9
#2	4987.9	56517.	4304.2	63.434	4099.8
#3	4985.4	56391.	4314.5	62.837	4109.5

Sample Name: K2767-14 Acquired: 5/14/2019 14:39:09 Type: Unk
Method: P4-ICP2(v3119) 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	.80968	1.9863	4.3172	1.7392	.73118	124.52	3.7538	.20273
Stddev	.00323	.0070	.0076	.0063	.00249	.36	.0159	.00063
%RSD	.39912	.35406	.17716	.36071	.34038	.28715	.42353	.31036
#1	.80596	1.9847	4.3092	1.7397	.72949	124.12	3.7361	.20201
#2	.81170	1.9803	4.3178	1.7327	.73404	124.81	3.7668	.20313
#3	.81140	1.9941	4.3245	1.7453	.73001	124.63	3.7587	.20306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20350	44.606	.47349	.46435	1.1755	309.15	13.405	31.398
Stddev	.00074	.182	.00082	.00244	.0016	.67	.036	.138
%RSD	.36503	.40835	.17293	.52557	.13236	.21541	.26649	.43891
#1	.20307	44.768	.47254	.46321	1.1737	309.24	13.444	31.240
#2	.20307	44.409	.47394	.46269	1.1767	309.77	13.374	31.490
#3	.20436	44.640	.47398	.46715	1.1761	308.45	13.396	31.466
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0158	.04579	3.3221	.72225	1.4509	18.910	.36120	.19781
Stddev	.0042	.00068	.0169	.00178	.0018	.056	.00193	.00613
%RSD	.40828	1.4804	.50731	.24703	.12344	.29797	.53397	3.1010
#1	1.0132	.04632	3.3027	.72090	1.4503	18.846	.35931	.20479
#2	1.0136	.04602	3.3337	.72158	1.4495	18.934	.36113	.19537
#3	1.0206	.04503	3.3298	.72427	1.4529	18.950	.36317	.19327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.531	6.0864	1.4101	2.6986	.39969	F 18.12	.79150	<.00000
Stddev	.033	.0458	.0021	.0122	.00163	.03	.00388	.12496
%RSD	.26159	.75285	.14782	.45240	.40667	.1608	.49023	18.758
#1	12.532	6.1323	1.4110	2.6900	.39836	18.11	.79522	-.74539
#2	12.497	6.0407	1.4078	2.6932	.39919	18.09	.78748	-.73101
#3	12.563	6.0863	1.4117	2.7126	.40150	18.15	.79181	-.52212

Sample Name: K2767-14 Acquired: 5/14/2019 14:39:09 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 126.16
Stddev .87
%RSD .68591

#1 125.19
#2 126.45
#3 126.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5032.6	56503.	4338.7	63.824	4084.6
Stddev	7.4	142.	40.0	1.539	1.3
%RSD	.14770	.25121	.92195	2.4112	.03106

#1	5034.3	56339.	4294.6	65.095	4086.1
#2	5024.5	56578.	4372.6	64.265	4084.1
#3	5039.0	56592.	4349.0	62.113	4083.8

Sample Name: K2767-12A Acquired: 5/14/2019 14:43:35 Type: Unk
Method: P4-ICP2(v3119) 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	.78162	1.9130	4.2107	1.6723	.70456	120.60	3.5978	.19625
Stddev	.00316	.0070	.0022	.0080	.00203	1.07	.0377	.00075
%RSD	.40480	.36866	.05337	.47817	.28865	.88962	1.0486	.38391
#1	.78141	1.9119	4.2131	1.6755	.70354	119.36	3.5543	.19538
#2	.78488	1.9206	4.2086	1.6782	.70690	121.33	3.6214	.19659
#3	.77856	1.9066	4.2104	1.6632	.70324	121.10	3.6177	.19677
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19477	43.712	.45827	.44861	1.1477	302.62	13.075	30.360
Stddev	.00094	.208	.00085	.00142	.0018	1.33	.070	.216
%RSD	.48154	.47477	.18555	.31548	.15448	.43853	.53831	.71023
#1	.19585	43.809	.45758	.44856	1.1497	301.13	12.995	30.113
#2	.19434	43.474	.45801	.45005	1.1462	303.07	13.105	30.513
#3	.19413	43.854	.45922	.44722	1.1473	303.66	13.126	30.454
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98130	.04423	3.2339	.70154	1.4132	18.380	.34920	.20280
Stddev	.00331	.00044	.0499	.00053	.0008	.151	.00089	.00507
%RSD	.33740	.99624	1.5422	.07583	.05986	.81961	.25477	2.4982
#1	.98292	.04432	3.1838	.70141	1.4135	18.206	.34831	.20535
#2	.98349	.04461	3.2835	.70109	1.4139	18.459	.35009	.20610
#3	.97749	.04375	3.2342	.70213	1.4123	18.474	.34921	.19697
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.218	5.1607	1.3616	2.5524	.39311	F 17.52	.77083	<.00000
Stddev	.047	.0732	.0004	.0040	.00066	.03	.00577	.10599
%RSD	.38605	1.4182	.03329	.15552	.16668	.1571	.74797	17.653
#1	12.230	5.2451	1.3618	2.5489	.39342	17.55	.77735	-.71573
#2	12.257	5.1149	1.3619	2.5567	.39235	17.49	.76639	-.57836
#3	12.166	5.1221	1.3611	2.5516	.39355	17.51	.76876	-.50722

Sample Name: K2767-12A Acquired: 5/14/2019 14:43:35 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 123.94
Stddev 1.14
%RSD .91644

#1 122.87
#2 125.14
#3 123.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5031.6	56516.	4293.5	64.264	4112.2
Stddev	1.1	53.	48.2	.916	5.2
%RSD	.02095	.09369	1.1226	1.4256	.12756

#1	5031.4	56538.	4238.7	63.797	4112.3
#2	5030.7	56455.	4329.6	65.320	4106.9
#3	5032.8	56554.	4312.1	63.675	4117.4

Sample Name: PB119727BL Acquired: 5/14/2019 14:48:00 Type: Unk
Method: P4-ICP2(v3119) 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	-.00027	-.00011	F .00584	.00118	-.00002	.01031	.00066	.00013
Stddev	.00157	.00076	.00060	.00165	.00102	.00647	.00054	.00002
%RSD	572.55	717.53	10.261	139.78	4429.2	62.819	82.294	15.578
#1	.00145	.00031	.00598	.00024	-.00118	.00321	.00127	.00010
#2	-.00066	.00035	.00636	.00309	.00075	.01181	.00028	.00013
#3	-.00162	-.00098	.00518	.00021	.00036	.01590	.00041	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00029	-.00005	-.00003	-.00050	.01216	.00038	-.03043
Stddev	.00008	.02417	.00054	.00019	.00014	.00238	.00005	.04205
%RSD	124.83	8234.7	989.58	765.24	27.933	19.573	13.448	138.16
#1	-.00002	-.01469	-.00022	.00018	-.00061	.01248	.00038	-.07873
#2	-.00016	-.01380	.00055	-.00020	-.00055	.00964	.00033	-.01060
#3	-.00001	.02761	-.00049	-.00006	-.00034	.01436	.00043	-.00198
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	-.00014	.01904	.00018	.00043	-.01778	-.00013	.01075
Stddev	.00030	.00036	.00620	.00025	.00015	.04218	.00030	.00886
%RSD	29.536	255.15	32.561	135.60	35.638	237.15	221.06	82.468
#1	-.00119	.00027	.01993	-.00001	.00057	-.04900	.00019	.00051
#2	-.00066	-.00029	.01244	.00046	.00043	.03020	-.00021	.01588
#3	-.00115	-.00040	.02474	.00010	.00027	-.03455	-.00039	.01585
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00618	.01025	-.00103	.00297	.00284	-.0004	.00005	F 2.2956
Stddev	.00121	.00303	.00052	.00097	.00177	.0013	.00005	.7782
%RSD	19.528	29.583	50.773	32.556	62.378	308.9	99.888	33.899
#1	.00662	.00891	-.00141	.00312	.00169	-.0018	.00009	1.7745
#2	.00482	.00812	-.00124	.00194	.00195	.0000	.00005	1.9222
#3	.00711	.01372	-.00043	.00385	.00487	.0006	-.00000	3.1901

Sample Name: PB119727BL Acquired: 5/14/2019 14:48:00 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .23841
Stddev	.22366
%RSD	93.814

#1	.15182
#2	.07099
#3	.49242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4489.3	48602.	3528.5	65.575	4751.8
Stddev	6.1	2951.	25.4	2.107	12.9
%RSD	.13564	6.0708	.71989	3.2138	.27111

#1	4484.6	50184.	3511.5	63.142	4738.8
#2	4496.2	50425.	3557.7	66.817	4764.6
#3	4487.1	45198.	3516.3	66.767	4752.1

Sample Name: PB119727BS Acquired: 5/14/2019 14:52:26 Type: Unk
Method: P4-ICP2(v3119) 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	.77992	2.0255	1.0053	1.9570	.77773	1.9817	.20751
Stddev	.00290	.0039	.0009	.0052	.00215	.0127	.00143
%RSD	.37233	.19412	.08660	.26605	.27583	.64252	.68964

#1	.77711	2.0286	1.0062	1.9568	.77955	1.9776	.20849
#2	.78291	2.0268	1.0051	1.9623	.77536	1.9960	.20817
#3	.77975	2.0211	1.0045	1.9519	.77827	1.9716	.20587

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19198	.19622	1.0873	.42230	.20156	.31721	3.1738
Stddev	.00074	.00025	.0085	.00092	.00094	.00101	.0072
%RSD	.38775	.12515	.77803	.21712	.46667	.31920	.22769

#1	.19280	.19630	1.0777	.42127	.20207	.31624	3.1734
#2	.19136	.19642	1.0911	.42303	.20213	.31826	3.1668
#3	.19178	.19595	1.0933	.42259	.20047	.31712	3.1812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21240	1.9543	.50296	.07315	3.1111	.31458	.19086
Stddev	.00118	.0182	.00063	.00031	.0178	.00022	.00059
%RSD	.55412	.93245	.12553	.41893	.57087	.07082	.31052

#1	.21347	1.9584	.50233	.07297	3.1215	.31483	.19065
#2	.21114	1.9344	.50295	.07296	3.1211	.31449	.19152
#3	.21259	1.9702	.50360	.07350	3.0906	.31441	.19039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.075	.41480	.30352	F .00708	.94119	.66995	.20354
Stddev	.015	.00110	.01431	.00124	.01106	.00086	.00321
%RSD	.15002	.26488	4.7153	17.551	1.1749	.12816	1.5792

#1	10.073	.41358	.30937	.00802	.93147	.66908	.20700
#2	10.091	.41570	.31398	.00755	.93889	.66998	.20296
#3	10.061	.41514	.28721	.00567	.95322	.67079	.20065

Sample Name: PB119727BS Acquired: 5/14/2019 14:52:26 Type: Unk
Method: P4-ICP2(v3119) 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	.21213	5.316	.20780	F 2.1414	F<.00000
Stddev	.00192	.006	.00054	.1200	.06652
%RSD	.90670	.1055	.26019	5.6041	2.9365

#1	.21076	5.318	.20719	2.0354	-2.2738
#2	.21433	5.321	.20798	2.1171	-2.3270
#3	.21130	5.310	.20822	2.2717	-2.1948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4435.2	49884.	3566.2	64.272	4635.1
Stddev	12.2	291.	15.7	.965	16.4
%RSD	.27431	.58240	.44058	1.5017	.35345

#1	4429.9	49591.	3571.9	65.092	4623.5
#2	4426.5	49890.	3578.2	63.208	4628.0
#3	4449.1	50172.	3548.4	64.517	4653.8

Sample Name: PB119727TB Acquired: 5/14/2019 14:56:33 Type: Unk
Method: P4-ICP2(v3119) 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	.00028	-.00494	.00157	.00319	.00249	.02757	.00082	-.00001
Stddev	.00152	.00132	.00007	.00214	.00064	.00623	.00034	.00008
%RSD	539.10	26.625	4.3956	67.108	25.789	22.610	41.521	652.12
#1	.00102	-.00485	.00159	.00530	.00177	.03102	.00060	-.00006
#2	-.00147	-.00367	.00149	.00102	.00301	.02037	.00122	.00008
#3	.00130	-.00630	.00163	.00325	.00269	.03131	.00066	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.04725	.00062	-.00015	-.00048	.00467	.00092	-.01294
Stddev	.00004	.00439	.00012	.00006	.00008	.00109	.00005	.01187
%RSD	37.239	9.2945	18.748	37.270	16.846	23.359	5.8098	91.765
#1	-.00006	.04401	.00049	-.00021	-.00039	.00473	.00095	-.00266
#2	-.00014	.05224	.00072	-.00010	-.00054	.00355	.00086	-.02594
#3	-.00010	.04549	.00064	-.00015	-.00050	.00573	.00095	-.01022
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00150	F 329.76	.00008	.01846	.10709	.00014	.01135
Stddev	.00052	.00022	.67	.00006	.00064	.01421	.00021	.00128
%RSD	64.935	14.941	.20431	73.126	3.4776	13.271	150.96	11.293
#1	.00101	.00156	329.57	.00011	.01916	.09070	-.00008	.01128
#2	.00021	.00170	330.50	.00012	.01832	.11593	.00016	.01266
#3	.00118	.00126	329.19	.00001	.01790	.11465	.00034	.01010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01691	.01284	.00112	.00059	.00446	-.0008	.00025	2.7168
Stddev	.00286	.00138	.00034	.00071	.00098	.0008	.00006	.0452
%RSD	16.932	10.767	30.702	120.73	22.080	103.9	25.579	1.6639
#1	.01686	.01332	.00133	.00112	.00506	-.0004	.00018	2.7377
#2	.01979	.01128	.00072	-.00022	.00332	-.0017	.00029	2.7477
#3	.01407	.01392	.00131	.00086	.00499	-.0002	.00029	2.6649

Sample Name: PB119727TB Acquired: 5/14/2019 14:56:33 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.14023
Stddev	.36084
%RSD	257.31

#1	-.20779
#2	.11584
#3	.51265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4218.6	46215.	3516.5	62.725	4173.5
Stddev	1.2	118.	17.5	1.858	12.2
%RSD	.02840	.25594	.49862	2.9620	.29172

#1	4218.5	46095.	3521.8	64.708	4176.5
#2	4217.4	46331.	3496.9	62.442	4160.1
#3	4219.8	46219.	3530.8	61.025	4183.9

Sample Name: CCV03 Acquired: 5/14/2019 15:01:09 Type: Unk
Method: P4-ICP2(v3119) 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	5.0678	5.0617	5.0435	4.9998	4.9824	9.9096	9.9447	.25176
Stddev	.0098	.0067	.0050	.0269	.0310	.0162	.0547	.00072
%RSD	.19336	.13191	.09891	.53816	.62259	.16350	.55043	.28467
#1	5.0753	5.0561	5.0443	5.0231	5.0095	9.9270	9.8821	.25258
#2	5.0714	5.0601	5.0480	5.0060	4.9892	9.8949	9.9685	.25143
#3	5.0567	5.0691	5.0382	4.9703	4.9486	9.9068	9.9835	.25126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5022	25.761	1.0227	2.4911	1.2603	5.1439	2.5671	24.885
Stddev	.0025	.139	.0025	.0016	.0059	.0065	.0026	.177
%RSD	.10059	.53923	.24536	.06477	.46389	.12674	.09916	.71251
#1	2.5043	25.611	1.0254	2.4906	1.2659	5.1377	2.5697	25.047
#2	2.5028	25.788	1.0220	2.4929	1.2606	5.1431	2.5670	24.913
#3	2.4994	25.885	1.0206	2.4898	1.2543	5.1507	2.5647	24.695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5124	1.2791	24.628	2.5490	2.5088	24.931	5.1135	4.9513
Stddev	.0019	.0039	.089	.0070	.0012	.070	.0227	.0513
%RSD	.07475	.30179	.36245	.27656	.04700	.28100	.44332	1.0353
#1	2.5132	1.2826	24.594	2.5561	2.5087	24.929	5.1362	4.9998
#2	2.5137	1.2798	24.729	2.5420	2.5100	25.003	5.1132	4.9563
#3	2.5102	1.2750	24.560	2.5488	2.5077	24.863	5.0909	4.8977
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9752	5.2154	5.0761	5.1580	5.1070	5.034	5.1290	F 2.8644
Stddev	.0218	.0337	.0106	.0185	.0444	.013	.0344	.0837
%RSD	.43825	.64600	.20960	.35815	.87025	.2544	.66992	2.9214
#1	4.9502	5.1980	5.0638	5.1371	5.0562	5.025	5.0895	2.9051
#2	4.9902	5.1941	5.0825	5.1647	5.1259	5.028	5.1450	2.9199
#3	4.9852	5.2543	5.0819	5.1722	5.1389	5.049	5.1524	2.7681

Sample Name: CCV03 Acquired: 5/14/2019 15:01:09 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5272
Stddev .2022
%RSD 5.7330

#1 3.3218
#2 3.5338
#3 3.7261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4317.7	47733.	3451.4	61.531	4250.5
Stddev	25.3	95.	15.2	2.067	8.7
%RSD	.58677	.19798	.44170	3.3597	.20502

#1	4294.4	47624.	3459.7	63.870	4244.5
#2	4314.1	47785.	3460.6	60.772	4246.4
#3	4344.6	47789.	3433.8	59.950	4260.5

Sample Name: CCB03 Acquired: 5/14/2019 15:05:15 Type: Unk
Method: P4-ICP2(v3119) 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	.00144	.00082	F .00507	-.00023	.00051	-.00058	.00129	.00003
Stddev	.00063	.00084	.00072	.00112	.00115	.00603	.00031	.00003
%RSD	43.881	102.87	14.276	488.04	226.25	1043.5	24.339	83.663
#1	.00075	.00028	.00591	-.00003	-.00005	.00180	.00099	.00001
#2	.00198	.00039	.00470	-.00143	-.00025	-.00743	.00162	.00003
#3	.00159	.00179	.00461	.00078	.00183	.00390	.00126	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00857	-.00032	.00001	-.00077	.00109	.00025	-.00825
Stddev	.00003	.00271	.00021	.00010	.00016	.00026	.00003	.01594
%RSD	46.033	31.591	66.540	778.46	20.733	23.887	12.216	193.15
#1	-.00005	-.00991	-.00015	-.00009	-.00095	.00103	.00023	-.02184
#2	-.00010	-.00545	-.00056	.00010	-.00064	.00087	.00023	-.01220
#3	-.00005	-.01034	-.00025	.00002	-.00071	.00138	.00028	.00929
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00015	.03309	.00032	.00022	.05444	.00042	-.00223
Stddev	.00028	.00009	.00623	.00021	.00019	.01431	.00010	.00327
%RSD	25.176	57.478	18.823	65.866	87.181	26.296	23.291	146.85
#1	-.00144	-.00024	.03693	.00009	.00030	.04122	.00054	.00012
#2	-.00103	-.00007	.02590	.00039	.00035	.05244	.00037	-.00596
#3	-.00090	-.00015	.03643	.00050	.00000	.06964	.00037	-.00084
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	.00691	.00065	.00237	.00403	-.0016	.00016	F 2.1315
Stddev	.00104	.00120	.00061	.00144	.00074	.0008	.00010	.1334
%RSD	28.179	17.381	93.837	60.964	18.391	46.53	64.750	6.2603
#1	.00381	.00554	.00112	.00256	.00317	-.0008	.00023	1.9790
#2	.00258	.00740	.00087	.00370	.00439	-.0019	.00019	2.1889
#3	.00464	.00778	-.00004	.00084	.00452	-.0022	.00004	2.2267

Sample Name: CCB03 Acquired: 5/14/2019 15:05:15 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .17124
Stddev	.34237
%RSD	199.93

#1	.46519
#2	-.20466
#3	.25320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4504.9	50502.	3609.7	66.806	4779.9
Stddev	2.8	172.	103.2	2.551	4.2
%RSD	.06198	.34099	2.8591	3.8180	.08781

#1	4504.4	50589.	3724.9	69.442	4784.0
#2	4507.9	50613.	3578.5	64.350	4775.6
#3	4502.3	50304.	3525.8	66.625	4780.0

Sample Name: K2836-03 Acquired: 5/14/2019 15:09:43 Type: Unk
Method: P4-ICP2(v3119) 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	.00145	-.00295	.05327	.00383	.00034	.06922	.35790	.00016
Stddev	.00225	.00062	.00126	.00183	.00022	.02196	.00031	.00008
%RSD	154.74	21.147	2.3680	47.677	64.160	31.719	.08539	47.924

#1	.00192	-.00249	.05207	.00184	.00018	.06944	.35794	.00010
#2	.00343	-.00270	.05459	.00421	.00025	.04716	.35758	.00025
#3	-.00099	-.00366	.05315	.00543	.00059	.09107	.35819	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	44.026	.00005	.00117	.01509	.00093	.29048	3.8845
Stddev	.00004	.164	.00019	.00020	.00011	.00079	.00116	.0374
%RSD	2.1841	.37138	342.08	16.992	.76005	84.855	.39894	.96157

#1	.00194	43.838	-.00002	.00125	.01516	.00012	.28961	3.8749
#2	.00197	44.132	-.00008	.00095	.01495	.00169	.29004	3.9257
#3	.00189	44.108	.00026	.00132	.01514	.00098	.29179	3.8529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00700	-.00058	312.54	-.00032	.41187	2.0940	-.00015	.04831
Stddev	.00037	.00009	1.77	.00007	.00161	.0204	.00041	.00488
%RSD	5.2160	14.596	.56771	20.482	.39019	.97345	266.14	10.110

#1	.00662	-.00063	312.33	-.00035	.41109	2.0838	.00000	.05379
#2	.00703	-.00064	314.40	-.00025	.41372	2.0808	-.00062	.04674
#3	.00735	-.00049	310.87	-.00037	.41080	2.1175	.00015	.04441

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82339	1.8152	.00160	.00161	.00559	.0080	.19962	3.3943
Stddev	.00478	.0173	.00096	.00045	.00119	.0032	.00034	.1192
%RSD	.58090	.95517	59.864	27.853	21.327	40.62	.17260	3.5111

#1	.81870	1.7974	.00232	.00110	.00422	.0043	.19947	3.4664
#2	.82826	1.8161	.00197	.00180	.00637	.0091	.20001	3.4597
#3	.82321	1.8320	.00051	.00193	.00618	.0106	.19938	3.2567

Sample Name: K2836-03 Acquired: 5/14/2019 15:09:43 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1592
 Stddev .3613
 %RSD 31.164

#1 1.0832
 #2 1.5524
 #3 .84202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4201.7	46774.	3566.2	63.755	4139.4
Stddev	4.5	118.	10.6	1.307	22.2
%RSD	.10689	.25129	.29655	2.0494	.53677

#1	4198.9	46689.	3578.4	64.530	4157.4
#2	4206.9	46725.	3560.4	62.246	4114.6
#3	4199.3	46908.	3559.7	64.488	4146.1

Sample Name: K2836-03DUP Acquired: 5/14/2019 15:14:14 Type: Unk
Method: P4-ICP2(v3119) 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	.00078	-.00348	.05462	.00193	-.00104	.06841	.35815	.00016
Stddev	.00320	.00149	.00040	.00188	.00175	.00823	.00501	.00007
%RSD	407.91	42.683	.72444	97.691	168.92	12.026	1.4002	43.161

#1	.00415	-.00219	.05497	.00021	-.00254	.07601	.35531	.00014
#2	.00042	-.00511	.05419	.00164	.00089	.05968	.36394	.00010
#3	-.00222	-.00315	.05471	.00393	-.00146	.06954	.35520	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	44.200	.00022	.00123	.01524	.00110	.29191	4.0655
Stddev	.00010	.167	.00021	.00006	.00033	.00026	.00017	.0734
%RSD	5.2504	.37827	97.238	4.9523	2.1886	23.768	.05920	1.8058

#1	.00187	44.033	.00037	.00118	.01514	.00140	.29195	4.0246
#2	.00188	44.198	-.00002	.00121	.01561	.00090	.29206	4.1503
#3	.00171	44.368	.00030	.00130	.01496	.00101	.29172	4.0217

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00748	-.00054	315.92	-.00025	.41245	2.1377	-.00017	.06883
Stddev	.00049	.00005	1.50	.00021	.00051	.0417	.00017	.02829
%RSD	6.5446	9.8383	.47489	84.250	.12370	1.9492	98.018	41.099

#1	.00701	-.00060	317.58	-.00025	.41253	2.1645	-.00000	.09354
#2	.00799	-.00052	315.55	-.00045	.41291	2.1590	-.00034	.07497
#3	.00745	-.00050	314.65	-.00004	.41190	2.0897	-.00018	.03797

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82077	1.8167	.00019	-.00216	.00609	.0103	.20007	3.3217
Stddev	.00335	.0135	.00027	.00052	.00116	.0016	.00031	.0713
%RSD	.40767	.74026	140.82	23.998	19.013	15.28	.15642	2.1478

#1	.82391	1.8096	.00051	-.00157	.00486	.0094	.19994	3.3828
#2	.82115	1.8082	.00006	-.00238	.00717	.0094	.19985	3.3390
#3	.81725	1.8322	.00001	-.00254	.00623	.0121	.20043	3.2433

Sample Name: K2836-03DUP Acquired: 5/14/2019 15:14:14 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1742
 Stddev .2295
 %RSD 19.548

#1 1.1641
 #2 .94987
 #3 1.4086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4194.3	46589.	3579.9	64.134	4132.6
Stddev	6.6	151.	22.2	.474	13.5
%RSD	.15628	.32440	.61881	.73939	.32781

#1	4190.7	46519.	3574.0	64.165	4128.3
#2	4201.9	46486.	3604.4	64.592	4147.8
#3	4190.3	46763.	3561.3	63.645	4121.8

Sample Name: K2836-03LX5 Acquired: 5/14/2019 15:18:47 Type: Unk
Method: P4-ICP2(v3119) 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	.00081	-.00083	.01313	-.00189	.00115	.00092	.07233	.00011
Stddev	.00171	.00116	.00115	.00447	.00112	.00618	.00034	.00004
%RSD	210.76	138.90	8.7575	236.52	97.690	669.26	.47301	35.336

#1	.00272	.00027	.01424	-.00676	.00147	-.00597	.07273	.00012
#2	.00029	-.00072	.01195	-.00094	.00208	.00277	.07217	.00006
#3	-.00058	-.00204	.01319	.00203	-.00010	.00597	.07211	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	9.1344	-.00004	.00027	.00275	.00074	.06237	.77585
Stddev	.00000	.2170	.00008	.00028	.00013	.00054	.00028	.00490
%RSD	1.4253	2.3758	224.95	104.48	4.7230	73.101	.45205	.63194

#1	.00030	9.2589	-.00004	.00004	.00270	.00018	.06228	.78150
#2	.00031	8.8838	-.00011	.00059	.00265	.00126	.06214	.77279
#3	.00031	9.2606	.00005	.00019	.00290	.00078	.06268	.77325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00018	63.976	.00002	.08437	.52080	-.00019	.02877
Stddev	.00023	.00048	.474	.00021	.00043	.02392	.00042	.00681
%RSD	61.725	271.34	.74101	1030.4	.51287	4.5937	221.34	23.686

#1	.00021	-.00053	64.477	.00002	.08410	.54835	.00010	.02513
#2	.00064	.00037	63.535	-.00019	.08413	.50875	-.00068	.03663
#3	.00028	-.00036	63.915	.00024	.08487	.50529	.00001	.02455

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16629	.40225	-.00053	-.00039	.00498	-.0002	.04141	2.5814
Stddev	.00314	.00771	.00007	.00156	.00204	.0004	.00097	.1364
%RSD	1.8859	1.9165	12.823	399.27	40.967	272.6	2.3332	5.2853

#1	.16781	.40433	-.00061	-.00216	.00307	.0003	.04211	2.4981
#2	.16268	.39371	-.00049	.00076	.00474	-.0003	.04031	2.7388
#3	.16838	.40870	-.00050	.00023	.00714	-.0005	.04182	2.5072

Sample Name: K2836-03LX5 Acquired: 5/14/2019 15:18:47 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.36269
Stddev	.32148
%RSD	88.638

#1	.57482
#2	.52045
#3	-.00720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4399.5	48929.	3610.0	63.563	4467.3
Stddev	6.0	143.	66.2	1.437	4.4
%RSD	.13595	.29302	1.8325	2.2608	.09746

#1	4392.6	48799.	3585.9	61.909	4467.5
#2	4403.6	48905.	3684.8	64.276	4471.5
#3	4402.1	49083.	3559.2	64.505	4462.8

Sample Name: K2836-03MS Acquired: 5/14/2019 15:23:12 Type: Unk
Method: P4-ICP2(v3119) 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	.81003	1.9414	1.0460	2.0734	.73877	2.0953	.58256	.20228
Stddev	.00368	.0030	.0019	.0126	.00361	.0087	.00365	.00017
%RSD	.45455	.15224	.18472	.60696	.48803	.41599	.62690	.08645
#1	.80815	1.9388	1.0454	2.0673	.73728	2.0854	.57950	.20211
#2	.80768	1.9446	1.0481	2.0650	.73615	2.0983	.58158	.20246
#3	.81428	1.9408	1.0443	2.0878	.74289	2.1020	.58660	.20226
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20343	47.444	.41254	.20245	.31585	3.0597	.50626	6.1569
Stddev	.00033	.730	.00069	.00030	.00199	.0071	.00046	.0699
%RSD	.16138	1.5377	.16704	.14608	.62924	.23275	.09030	1.1360
#1	.20336	46.678	.41186	.20275	.31479	3.0543	.50605	6.0846
#2	.20378	47.524	.41324	.20216	.31462	3.0677	.50678	6.1620
#3	.20313	48.131	.41251	.20243	.31814	3.0570	.50594	6.2242
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50780	.07308	331.58	.31606	.62577	12.563	.38492	.36141
Stddev	.00117	.00041	1.05	.00085	.00224	.010	.00275	.01046
%RSD	.23022	.56063	.31543	.26883	.35842	.07959	.71439	2.8937
#1	.50905	.07354	330.37	.31567	.62801	12.566	.38449	.37234
#2	.50673	.07293	332.10	.31703	.62577	12.551	.38241	.35150
#3	.50762	.07276	332.26	.31547	.62353	12.570	.38786	.36038
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83852	2.7661	.64657	.18638	.20507	6.030	.40596	3.5215
Stddev	.00290	.0257	.00226	.00425	.00276	.008	.00671	.0757
%RSD	.34614	.92883	.34917	2.2818	1.3478	.1257	1.6520	2.1498
#1	.84160	2.7377	.64915	.18213	.20233	6.038	.39846	3.5781
#2	.83811	2.7732	.64497	.18636	.20502	6.023	.40802	3.5510
#3	.83584	2.7876	.64558	.19064	.20786	6.030	.41139	3.4355

Sample Name: K2836-03MS Acquired: 5/14/2019 15:23:12 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.15497
%RSD	25.389

#1	-.50804
#2	-.53443
#3	-.78869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4177.7	46196.	3507.0	63.039	4101.1
Stddev	22.1	119.	39.0	2.357	30.5
%RSD	.53005	.25667	1.1118	3.7393	.74453

#1	4156.6	46106.	3552.0	65.721	4069.1
#2	4200.8	46153.	3487.3	61.296	4104.2
#3	4175.8	46331.	3481.9	62.101	4129.9

Sample Name: K2836-03MSD Acquired: 5/14/2019 15:27:28 Type: Unk
Method: P4-ICP2(v3119) 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	.80932	1.9474	1.0498	2.0722	.73089	2.0945	.58496	.20282
Stddev	.00206	.0047	.0007	.0050	.00256	.0081	.00280	.00007
%RSD	.25441	.23974	.06412	.23994	.35059	.38761	.47941	.03227
#1	.81014	1.9505	1.0499	2.0763	.73285	2.0853	.58175	.20283
#2	.81083	1.9420	1.0505	2.0667	.73183	2.0976	.58692	.20289
#3	.80697	1.9495	1.0491	2.0738	.72799	2.1006	.58622	.20276
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20465	48.138	.41299	.20316	.31577	3.0639	.51059	6.1867
Stddev	.00024	.026	.00110	.00046	.00144	.0119	.00119	.0290
%RSD	.11736	.05344	.26618	.22730	.45735	.38953	.23228	.46788
#1	.20486	48.109	.41185	.20362	.31513	3.0512	.50922	6.1566
#2	.20470	48.152	.41307	.20317	.31477	3.0656	.51118	6.2143
#3	.20439	48.155	.41404	.20270	.31743	3.0749	.51135	6.1894
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50974	.07221	328.85	.31483	.63153	12.507	.38124	.35402
Stddev	.00065	.00011	3.10	.00045	.00308	.023	.00038	.00594
%RSD	.12818	.15044	.94180	.14342	.48710	.18665	.10095	1.6775
#1	.51047	.07222	326.79	.31455	.63379	12.533	.38114	.36087
#2	.50954	.07210	327.34	.31458	.62803	12.488	.38091	.35071
#3	.50921	.07232	332.41	.31535	.63278	12.500	.38166	.35046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85255	2.8001	.64176	.18488	.20634	6.059	.41064	3.4876
Stddev	.00346	.0268	.00415	.00296	.00038	.003	.00145	.0866
%RSD	.40627	.95787	.64604	1.6023	.18638	.0518	.35348	2.4838
#1	.85655	2.8307	.64235	.18682	.20674	6.056	.40959	3.5696
#2	.85076	2.7806	.63735	.18147	.20629	6.061	.41230	3.3970
#3	.85035	2.7891	.64557	.18634	.20598	6.061	.41005	3.4961

Sample Name: K2836-03MSD Acquired: 5/14/2019 15:27:28 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .41402
%RSD 105.59

#1 -.74971
#2 -.48805
#3 .06149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4171.4	46326.	3489.9	62.956	4080.2
Stddev	14.5	79.	6.4	1.306	13.9
%RSD	.34670	.16982	.18376	2.0738	.34004

#1	4160.3	46383.	3486.2	63.982	4065.7
#2	4187.8	46236.	3486.3	61.487	4093.3
#3	4166.2	46358.	3497.3	63.401	4081.6

Sample Name: K2836-03A Acquired: 5/14/2019 15:31:44 Type: Unk
Method: P4-ICP2(v31119) 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	.80840	1.9408	1.0451	2.0699	.73469	2.0975	.58233	.20179
Stddev	.00364	.0062	.0007	.0057	.00386	.0244	.00295	.00030
%RSD	.44986	.31848	.06660	.27716	.52517	1.1644	.50605	.15079
#1	.80550	1.9431	1.0443	2.0764	.73327	2.1117	.58451	.20173
#2	.81248	1.9338	1.0452	2.0657	.73906	2.1115	.58351	.20151
#3	.80721	1.9455	1.0457	2.0675	.73174	2.0693	.57898	.20212
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20384	47.800	.41207	.20254	.31477	3.0621	.50833	6.1361
Stddev	.00014	.229	.00040	.00041	.00041	.0079	.00043	.0566
%RSD	.06791	.47924	.09701	.20438	.13122	.25819	.08402	.92225
#1	.20368	47.537	.41213	.20284	.31496	3.0636	.50788	6.0806
#2	.20394	47.915	.41244	.20206	.31505	3.0535	.50838	6.1339
#3	.20390	47.950	.41165	.20271	.31430	3.0691	.50873	6.1937
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50768	.07282	326.09	.31680	.62715	12.488	.38303	.35661
Stddev	.00076	.00049	1.30	.00104	.00120	.045	.00207	.00914
%RSD	.14960	.66650	.39804	.32756	.19130	.36043	.53975	2.5630
#1	.50750	.07321	326.47	.31792	.62846	12.457	.38394	.36289
#2	.50851	.07298	327.16	.31588	.62689	12.540	.38448	.36081
#3	.50702	.07228	324.65	.31660	.62610	12.468	.38066	.34612
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84198	2.7898	.64395	.18609	.20519	6.031	.40853	3.5684
Stddev	.00886	.0084	.00106	.00317	.00089	.009	.00111	.0249
%RSD	1.0518	.30009	.16434	1.7025	.43160	.1533	.27135	.69811
#1	.83983	2.7877	.64325	.18278	.20506	6.031	.40736	3.5438
#2	.83440	2.7826	.64343	.18910	.20613	6.023	.40957	3.5678
#3	.85171	2.7990	.64517	.18638	.20438	6.041	.40867	3.5936

Sample Name: K2836-03A Acquired: 5/14/2019 15:31:44 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .45917
%RSD 105.28

#1 -.91883
#2 -.38475
#3 -.00481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.6	46439.	3492.3	63.012	4100.3
Stddev	33.9	191.	11.8	1.316	19.9
%RSD	.80970	.41166	.33871	2.0883	.48501

#1	4160.0	46360.	3502.9	62.359	4084.5
#2	4164.3	46300.	3479.5	64.527	4093.7
#3	4220.6	46657.	3494.3	62.151	4122.6

Sample Name: K2837-02 Acquired: 5/14/2019 15:35:59 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00571	.00235	.00237	.00162	.14297	.12581	.00004
Stddev	.00101	.00063	.00050	.00076	.00170	.00117	.00028	.00004
%RSD	568.53	11.082	21.452	32.065	105.45	.81939	.22651	94.483

#1	.00094	-.00641	.00183	.00311	.00245	.14265	.12574	.00003
#2	-.00097	-.00553	.00284	.00241	.00274	.14427	.12613	.00008
#3	.00056	-.00518	.00238	.00159	-.00034	.14199	.12558	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	4.5501	.00090	.00122	.00968	.07036	.36671	.50091
Stddev	.00006	.0181	.00017	.00018	.00045	.00009	.00016	.04245
%RSD	1668.7	.39858	18.531	14.891	4.6155	.13173	.04313	8.4739

#1	-.00006	4.5580	.00090	.00102	.00918	.07032	.36669	.45226
#2	.00007	4.5293	.00073	.00128	.01006	.07047	.36688	.53037
#3	.00000	4.5629	.00106	.00136	.00979	.07030	.36657	.52011

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00008	319.67	-.00042	.02384	.61389	-.00035	.01355
Stddev	.00038	.00038	2.07	.00012	.00013	.03313	.00029	.01010
%RSD	13.835	501.14	.64644	28.596	.56511	5.3973	83.914	74.579

#1	.00277	-.00031	318.31	-.00044	.02373	.62180	-.00009	.01288
#2	.00313	.00044	322.05	-.00030	.02379	.57752	-.00030	.02397
#3	.00236	.00009	318.65	-.00054	.02399	.64236	-.00067	.00380

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08561	.60484	.00105	.00343	.00833	.0092	.03362	3.1204
Stddev	.00201	.00520	.00037	.00211	.00159	.0007	.00040	.0970
%RSD	2.3450	.85934	35.375	61.577	19.060	7.468	1.1893	3.1078

#1	.08788	.60789	.00063	.00168	.00723	.0095	.03366	3.1902
#2	.08407	.59884	.00117	.00282	.00760	.0084	.03321	3.1613
#3	.08487	.60779	.00134	.00577	.01015	.0097	.03401	3.0096

Sample Name: K2837-02 Acquired: 5/14/2019 15:35:59 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .06997
 Stddev .21379
 %RSD 305.56

#1 .31679
 #2 -.05710
 #3 -.04980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4206.2	46730.	3552.9	64.425	4161.1
Stddev	2.1	84.	36.5	.993	13.4
%RSD	.05023	.18071	1.0282	1.5415	.32218

#1	4204.8	46634.	3543.3	63.333	4166.4
#2	4208.6	46764.	3593.2	65.275	4171.1
#3	4205.2	46793.	3522.1	64.667	4145.9

Sample Name: PB119728BL Acquired: 5/14/2019 15:40:33 Type: Unk
Method: P4-ICP2(v3119) 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	.00228	.00034	.00268	-.00021	.00026	-.00374	.00088
Stddev	.00103	.00089	.00085	.00139	.00193	.00723	.00056
%RSD	45.224	261.82	31.835	648.07	740.73	193.27	64.049

#1	.00347	.00114	.00180	-.00087	-.00096	-.00971	.00061
#2	.00183	.00051	.00350	.00138	-.00074	.00429	.00050
#3	.00156	-.00062	.00273	-.00115	.00249	-.00580	.00153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00004	.00159	-.00030	.00015	-.00135	.00079
Stddev	.00003	.00004	.01571	.00030	.00006	.00011	.00115
%RSD	36.682	88.866	989.60	101.07	43.654	8.2988	146.02

#1	.00007	-.00004	.01872	-.00064	.00021	-.00146	-.00036
#2	.00010	-.00008	-.00179	-.00007	.00009	-.00135	.00079
#3	.00005	-.00001	-.01216	-.00019	.00013	-.00124	.00195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00846	-.00095	-.00009	.16671	.00019	-.00008
Stddev	.00003	.03663	.00013	.00044	.01082	.00027	.00010
%RSD	12.645	433.16	13.748	516.84	6.4904	144.94	120.00

#1	.00022	.00342	-.00090	-.00040	.16230	-.00011	.00002
#2	.00020	.02076	-.00086	.00042	.17904	.00042	-.00010
#3	.00017	-.04956	-.00110	-.00028	.15879	.00026	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12269	-.00015	-.00652	.00223	.00484	-.00102	.00195
Stddev	.02002	.00030	.00283	.00086	.00025	.00037	.00053
%RSD	16.313	207.70	43.408	38.658	5.2485	36.467	27.053

#1	.14168	-.00048	-.00866	.00213	.00455	-.00065	.00184
#2	.10179	-.00006	-.00758	.00142	.00492	-.00140	.00252
#3	.12461	.00011	-.00331	.00313	.00504	-.00101	.00148

Sample Name: PB119728BL Acquired: 5/14/2019 15:40:33 Type: Unk
Method: P4-ICP2(v3119) 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	F .00554	.0003	.00009	F 1.8839	F<.00000
Stddev	.00149	.0004	.00004	.1723	.19151
%RSD	26.925	150.5	49.128	9.1447	40.887

#1	.00383	-.0001	.00012	2.0646	-.54342
#2	.00658	.0002	.00004	1.8657	-.25072
#3	.00621	.0007	.00011	1.7215	-.61102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4534.4	50642.	3558.0	64.469	4793.6
Stddev	10.9	124.	22.8	.734	5.4
%RSD	.23972	.24422	.63994	1.1380	.11346

#1	4521.8	50737.	3534.3	64.833	4787.4
#2	4541.2	50502.	3579.7	63.625	4795.9
#3	4540.1	50688.	3560.0	64.950	4797.6

Sample Name: PB119728BS Acquired: 5/14/2019 15:45:00 Type: Unk
Method: P4-ICP2(v3119) 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	.78131	2.0673	1.0229	2.0033	.78313	1.9611	.20291
Stddev	.00022	.0098	.0073	.0006	.00214	.0023	.00118
%RSD	.02802	.47268	.71471	.02827	.27383	.11595	.58197

#1	.78156	2.0613	1.0166	2.0035	.78199	1.9597	.20192
#2	.78120	2.0620	1.0211	2.0037	.78179	1.9599	.20422
#3	.78117	2.0785	1.0309	2.0027	.78560	1.9637	.20259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19744	.20077	1.0919	.42075	.20446	.31964	3.2042
Stddev	.00055	.00100	.0080	.00073	.00099	.00183	.0032
%RSD	.28107	.49852	.73191	.17317	.48535	.57252	.09874

#1	.19729	.20017	1.0829	.42057	.20386	.31862	3.2014
#2	.19697	.20021	1.0947	.42155	.20390	.31855	3.2036
#3	.19805	.20193	1.0982	.42013	.20560	.32175	3.2077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21329	1.9519	.50955	.07391	3.1560	.31041	.19729
Stddev	.00058	.0142	.00266	.00021	.0356	.00090	.00038
%RSD	.27422	.72815	.52256	.27977	1.1283	.29028	.19024

#1	.21277	1.9519	.50871	.07385	3.1244	.30987	.19700
#2	.21317	1.9661	.50742	.07414	3.1946	.30991	.19715
#3	.21392	1.9377	.51254	.07375	3.1490	.31145	.19771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9213	.40425	.30199	F .00179	.94000	.66790	.19982
Stddev	.0688	.00107	.01091	.00263	.01099	.00289	.00267
%RSD	.69364	.26457	3.6131	146.78	1.1692	.43276	1.3370

#1	9.8556	.40463	.30588	-.00125	.94765	.66627	.19676
#2	9.9929	.40304	.31043	.00338	.92740	.66619	.20169
#3	9.9153	.40508	.28967	.00324	.94494	.67123	.20101

Sample Name: PB119728BS Acquired: 5/14/2019 15:45:00 Type: Unk
 Method: P4-ICP2(v3119) 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	.21391	F 5.441	.20771	F 2.1281	F<.00000
Stddev	.00113	.030	.00025	.0220	.43537
%RSD	.52848	.5583	.11891	1.0346	23.418

#1	.21377	5.430	.20780	2.1247	-1.3933
#2	.21511	5.418	.20743	2.1079	-2.2558
#3	.21286	5.475	.20789	2.1516	-1.9284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4427.1	49745.	3511.3	63.803	4599.8
Stddev	13.1	123.	18.5	1.393	8.5
%RSD	.29534	.24707	.52723	2.1832	.18544

#1	4412.6	49869.	3502.8	63.225	4590.1
#2	4430.8	49623.	3532.6	62.792	4606.2
#3	4438.0	49743.	3498.7	65.392	4603.2

Sample Name: PB119729BL Acquired: 5/14/2019 15:49:06 Type: Unk
Method: P4-ICP2(v3119) 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	.00080	.00008	.00159	-.00117	-.00028	-.00358	.00078	.00008
Stddev	.00338	.00156	.00031	.00210	.00176	.01041	.00010	.00001
%RSD	423.52	1877.0	19.196	179.33	621.04	290.29	13.240	14.236
#1	.00411	.00057	.00137	-.00154	.00128	.00822	.00068	.00008
#2	.00094	.00134	.00146	-.00306	-.00219	-.00753	.00089	.00009
#3	-.00265	-.00166	.00194	.00109	.00005	-.01144	.00077	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00460	.00009	.00009	-.00081	.00072	.00011	-.04632
Stddev	.00005	.00363	.00016	.00002	.00021	.00108	.00001	.01479
%RSD	57.689	78.906	188.70	20.430	25.601	150.90	7.0220	31.933
#1	-.00010	.00487	.00005	.00010	-.00073	-.00014	.00010	-.05162
#2	-.00014	.00809	.00027	.00010	-.00104	.00036	.00010	-.05773
#3	-.00004	.00084	-.00005	.00007	-.00065	.00193	.00011	-.02961
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	-.00019	.06956	.00026	-.00031	.05299	-.00014	.01653
Stddev	.00005	.00090	.00772	.00014	.00004	.03581	.00018	.00979
%RSD	4.5252	469.80	11.100	54.217	11.876	67.584	128.85	59.267
#1	-.00111	.00015	.06084	.00010	-.00027	.02230	-.00007	.02369
#2	-.00106	.00049	.07229	.00035	-.00032	.09234	-.00000	.02052
#3	-.00116	-.00121	.07554	.00032	-.00034	.04433	-.00034	.00536
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00478	-.00092	.00089	.00147	-.0009	.00008	F 2.0886
Stddev	.00148	.00212	.00010	.00179	.00184	.0018	.00006	.0776
%RSD	152.71	44.287	11.422	201.75	125.51	193.9	72.158	3.7144
#1	.00215	.00394	-.00085	.00049	-.00053	-.0020	.00014	2.0877
#2	.00144	.00719	-.00086	-.00067	.00182	.0012	.00003	2.1667
#3	-.00069	.00321	-.00104	.00284	.00311	-.0019	.00007	2.0115

Sample Name: PB119729BL Acquired: 5/14/2019 15:49:06 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .19874
Stddev .47868
%RSD 240.86

#1 -.04945
#2 -.10488
#3 .75054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4485.4	50427.	3549.0	64.481	4753.0
Stddev	3.2	120.	20.2	1.172	5.6
%RSD	.07211	.23698	.56794	1.8172	.11887

#1	4486.0	50554.	3536.3	63.283	4759.4
#2	4481.9	50409.	3538.5	64.533	4751.0
#3	4488.3	50317.	3572.3	65.625	4748.7

Sample Name: CCV04 Acquired: 5/14/2019 15:53:33 Type: Unk
Method: P4-ICP2(v3119) 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	5.1128	5.1609	5.1311	5.1215	5.1175	10.235	10.136	.25752
Stddev	.0057	.0045	.0060	.0110	.0140	.040	.131	.00121
%RSD	.11211	.08673	.11619	.21452	.27368	.38719	1.2941	.47064
#1	5.1123	5.1569	5.1372	5.1292	5.1321	10.247	10.085	.25669
#2	5.1188	5.1600	5.1308	5.1264	5.1162	10.190	10.038	.25695
#3	5.1073	5.1657	5.1253	5.1089	5.1041	10.266	10.285	.25891
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5660	25.961	1.0302	2.5511	1.2765	5.1783	2.6101	25.216
Stddev	.0020	.128	.0039	.0016	.0022	.0222	.0067	.168
%RSD	.07924	.49331	.37905	.06406	.17191	.42887	.25857	.66591
#1	2.5683	25.815	1.0273	2.5529	1.2789	5.1793	2.6070	25.260
#2	2.5654	26.012	1.0286	2.5502	1.2747	5.1556	2.6055	25.031
#3	2.5643	26.055	1.0346	2.5500	1.2758	5.2000	2.6179	25.358
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5452	1.2711	25.364	2.5557	2.5564	25.092	5.1397	5.0485
Stddev	.0029	.0040	.102	.0059	.0032	.094	.0058	.0330
%RSD	.11574	.31041	.40083	.23113	.12572	.37270	.11210	.65347
#1	2.5485	1.2669	25.432	2.5541	2.5579	25.118	5.1428	5.0105
#2	2.5430	1.2718	25.247	2.5508	2.5527	24.988	5.1331	5.0692
#3	2.5440	1.2747	25.413	2.5623	2.5585	25.169	5.1433	5.0659
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0352	5.1638	5.1009	5.2016	5.1378	5.135	5.2544	F 2.9290
Stddev	.0091	.0327	.0079	.0184	.0219	.012	.0064	.0405
%RSD	.18085	.63363	.15468	.35386	.42631	.2394	.12182	1.3838
#1	5.0249	5.1279	5.1043	5.1807	5.1142	5.132	5.2470	2.9724
#2	5.0382	5.1718	5.0919	5.2154	5.1417	5.124	5.2583	2.9225
#3	5.0424	5.1918	5.1066	5.2086	5.1575	5.148	5.2578	2.8921

Sample Name: CCV04 Acquired: 5/14/2019 15:53:33 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7417
Stddev .4322
%RSD 15.763

#1 3.1844
#2 2.7197
#3 2.3209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4260.6	47337.	3484.6	62.310	4187.0
Stddev	8.5	171.	8.2	.879	9.2
%RSD	.19996	.36064	.23532	1.4103	.22031

#1	4250.9	47251.	3494.1	62.886	4176.6
#2	4267.1	47534.	3480.3	61.299	4194.3
#3	4263.6	47227.	3479.4	62.746	4190.2

Sample Name: CCB04 Acquired: 5/14/2019 15:57:39 Type: Unk
Method: P4-ICP2(v3119) 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	.00027	.00114	.00270	.00089	-.00018	.00663	.00115
Stddev	.00288	.00054	.00038	.00264	.00034	.00663	.00023
%RSD	1047.1	47.601	13.922	296.18	188.37	100.06	19.852

#1	.00352	.00171	.00298	.00386	.00021	.01332	.00128
#2	-.00196	.00064	.00285	-.00119	-.00041	.00006	.00128
#3	-.00073	.00107	.00227	.00001	-.00033	.00650	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	-.00049	-.00019	.00002	-.00102	.00106
Stddev	.00004	.00003	.00902	.00038	.00008	.00020	.00054
%RSD	149.36	156.86	1836.9	201.69	400.68	19.786	51.320

#1	.00007	-.00001	.00176	.00015	.00003	-.00122	.00162
#2	-.00001	.00000	.00719	-.00011	-.00007	-.00082	.00104
#3	.00002	-.00005	-.01042	-.00060	.00009	-.00100	.00053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00834	-.00075	-.00036	.03884	.00022	-.00015
Stddev	.00002	.04139	.00003	.00058	.00516	.00028	.00002
%RSD	12.226	496.53	4.4410	163.18	13.290	125.78	12.197

#1	.00018	.03737	-.00075	-.00094	.03428	.00018	-.00017
#2	.00014	.02670	-.00078	.00023	.03780	.00051	-.00013
#3	.00017	-.03906	-.00071	-.00036	.04444	-.00004	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03178	.00030	.01892	.00027	.00609	-.00010	-.00022
Stddev	.04003	.00020	.00442	.00150	.00340	.00026	.00168
%RSD	125.97	65.525	23.358	550.31	55.741	256.99	762.99

#1	-.01421	.00047	.02383	.00168	.00315	.00000	-.00212
#2	.05070	.00034	.01527	-.00131	.00981	.00009	.00038
#3	.05885	.00009	.01767	.00045	.00532	-.00039	.00108

Sample Name: CCB04 Acquired: 5/14/2019 15:57:39 Type: Unk
Method: P4-ICP2(v3119) 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	.00353	-.0013	.00010	F 1.4770	F<.00000
Stddev	.00062	.0012	.00009	.0613	.23562
%RSD	17.583	90.17	88.723	4.1481	55.746

#1	.00396	-.0027	.00020	1.5206	-.56664
#2	.00383	-.0006	.00006	1.4069	-.15075
#3	.00282	-.0007	.00004	1.5033	-.55060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4485.2	49728.	3444.5	62.047	4773.8
Stddev	4.6	24.	111.9	4.192	8.7
%RSD	.10201	.04923	3.2500	6.7569	.18257

#1	4489.2	49739.	3482.8	66.192	4772.6
#2	4480.2	49745.	3318.5	57.808	4765.8
#3	4486.1	49700.	3532.3	62.142	4783.1

Sample Name: K2841-01 Acquired: 5/14/2019 16:06:14 Type: Unk
Method: P4-ICP2(v3119) 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	.00340	-.00003	-.00052	.00006	.00049	.02414	.01464	.00015
Stddev	.00208	.00043	.00130	.00298	.00095	.01184	.00032	.00003
%RSD	61.148	1335.7	251.29	4779.0	192.57	49.075	2.2091	17.060
#1	.00576	-.00051	-.00169	.00180	.00054	.01053	.01427	.00017
#2	.00186	.00008	.00089	-.00338	.00142	.03212	.01483	.00012
#3	.00257	.00033	-.00076	.00177	-.00048	.02977	.01483	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	21.715	-.00023	.00009	.00043	.03371	.00239	19.297
Stddev	.00002	.115	.00024	.00008	.00018	.00034	.00002	.102
%RSD	49.962	.52803	107.72	88.695	40.975	1.0054	.91768	.52980
#1	.00002	21.837	-.00018	.00004	.00056	.03385	.00240	19.242
#2	.00006	21.610	-.00049	.00005	.00023	.03396	.00237	19.415
#3	.00007	21.697	-.00001	.00018	.00051	.03333	.00241	19.233
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	.00014	150.15	.00068	.00060	5.9537	.00046	.07070
Stddev	.00017	.00055	.73	.00009	.00005	.0169	.00024	.00519
%RSD	12.581	395.12	.48705	13.742	7.6823	.28346	52.883	7.3469
#1	-.00142	-.00000	150.20	.00071	.00059	5.9711	.00061	.07148
#2	-.00151	.00074	150.86	.00075	.00065	5.9526	.00059	.07545
#3	-.00118	-.00032	149.39	.00057	.00056	5.9374	.00018	.06515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.162	2.0022	-.00612	.00095	.00135	.0231	.17005	1.9894
Stddev	.059	.0131	.00017	.00126	.00078	.0004	.00021	.1393
%RSD	.44560	.65422	2.7703	132.00	57.687	1.949	.12582	7.0041
#1	13.150	2.0111	-.00632	.00229	.00197	.0235	.17023	1.9137
#2	13.110	1.9872	-.00600	.00075	.00160	.0226	.16981	1.9043
#3	13.226	2.0085	-.00606	-.00019	.00048	.0231	.17011	2.1502

Sample Name: K2841-01 Acquired: 5/14/2019 16:06:14 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0733
Stddev	.2996
%RSD	27.913

#1	1.3257
#2	1.1520
#3	.74220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.3	49919.	3669.0	68.364	4587.4
Stddev	9.2	15.	27.8	.725	7.7
%RSD	.20260	.03081	.75667	1.0601	.16702

#1	4551.0	49936.	3657.6	68.069	4579.6
#2	4545.4	49913.	3700.6	67.832	4587.7
#3	4563.4	49907.	3648.7	69.189	4594.9

Sample Name: K2841-01DUP Acquired: 5/14/2019 16:10:38 Type: Unk
Method: P4-ICP2(v3119) 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	.00100	.00056	-.00029	-.00257	-.00171	.02457	.01474	.00016
Stddev	.00046	.00102	.00083	.00380	.00064	.00332	.00013	.00002
%RSD	46.101	180.56	281.20	147.81	37.242	13.512	.90159	11.118
#1	.00141	.00148	-.00123	-.00636	-.00220	.02693	.01479	.00018
#2	.00050	.00074	.00034	-.00258	-.00099	.02078	.01483	.00015
#3	.00110	-.00053	.00000	.00123	-.00195	.02602	.01458	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	21.973	-.00028	.00010	.00025	.03372	.00260	19.800
Stddev	.00007	.038	.00002	.00015	.00041	.00016	.00003	.071
%RSD	80.994	.17360	6.8629	145.97	164.23	.47622	1.3297	.35641
#1	-.00002	22.016	-.00029	-.00007	.00013	.03365	.00257	19.730
#2	-.00007	21.963	-.00030	.00017	.00070	.03391	.00264	19.871
#3	-.00016	21.942	-.00026	.00020	-.00009	.03361	.00259	19.799
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00060	153.07	.00133	.00118	5.9112	.00018	.07453
Stddev	.00016	.00018	.83	.00007	.00008	.0205	.00014	.01396
%RSD	11.028	29.630	.54079	5.0636	6.5719	.34696	76.801	18.728
#1	-.00147	-.00075	152.25	.00129	.00112	5.9016	.00033	.06023
#2	-.00160	-.00040	153.05	.00141	.00115	5.8973	.00008	.08812
#3	-.00129	-.00065	153.90	.00129	.00126	5.9348	.00012	.07524
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.377	1.9584	-.00582	-.00025	.00223	.0200	.17241	2.5011
Stddev	.035	.0195	.00052	.00035	.00093	.0010	.00075	.0867
%RSD	.26074	.99783	8.9558	137.39	41.746	5.243	.43573	3.4657
#1	13.354	1.9796	-.00634	.00014	.00147	.0190	.17298	2.4180
#2	13.417	1.9412	-.00530	-.00050	.00327	.0199	.17156	2.4944
#3	13.360	1.9543	-.00583	-.00040	.00195	.0211	.17270	2.5910

Sample Name: K2841-01DUP Acquired: 5/14/2019 16:10:38 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2108
Stddev .5011
%RSD 41.387

#1 1.1264
#2 .75721
#3 1.7487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4511.6	50102.	3745.3	68.474	4540.8
Stddev	10.6	181.	35.8	.403	8.8
%RSD	.23543	.36079	.95573	.58825	.19321

#1	4519.2	50158.	3714.0	68.899	4550.9
#2	4516.1	50248.	3784.3	68.423	4534.8
#3	4499.4	49900.	3737.6	68.099	4536.7

Sample Name: K2841-02 Acquired: 5/14/2019 16:15:02 Type: Unk
Method: P4-ICP2(v3119) 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	.00201	-.00059	-.00062	-.00076	-.00050	.01264	.01377	.00019
Stddev	.00054	.00176	.00073	.00146	.00141	.00300	.00069	.00006
%RSD	26.926	300.88	118.85	193.15	281.25	23.751	5.0298	28.934
#1	.00264	-.00148	.00002	-.00226	.00033	.00961	.01309	.00013
#2	.00167	.00144	-.00044	.00066	-.00213	.01268	.01376	.00023
#3	.00173	-.00172	-.00142	-.00068	.00029	.01562	.01447	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	21.385	-.00041	.00008	.00033	.03604	.00359	17.037
Stddev	.00005	.059	.00023	.00013	.00002	.00038	.00008	.063
%RSD	123.52	.27599	56.284	156.47	6.3133	1.0424	2.1762	.36795
#1	.00001	21.443	-.00016	-.00006	.00031	.03562	.00363	17.103
#2	-.00004	21.388	-.00045	.00010	.00033	.03632	.00364	17.029
#3	-.00009	21.325	-.00061	.00020	.00035	.03619	.00350	16.978
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00050	131.24	.00085	.00596	5.1458	.00017	.07493
Stddev	.00020	.00018	.36	.00034	.00001	.0195	.00029	.01012
%RSD	19.298	36.799	.27390	39.391	.22379	.37893	172.94	13.503
#1	-.00115	-.00051	131.52	.00072	.00597	5.1680	.00047	.08208
#2	-.00119	-.00067	131.36	.00060	.00594	5.1318	-.00012	.06335
#3	-.00082	-.00031	130.83	.00124	.00597	5.1375	.00015	.07934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.480	1.9702	-.00603	.00114	.00288	.0234	.15771	2.2870
Stddev	.017	.0143	.00077	.00038	.00121	.0017	.00052	.0660
%RSD	.14406	.72316	12.689	33.565	42.057	7.313	.33125	2.8870
#1	11.498	1.9866	-.00521	.00074	.00427	.0239	.15824	2.2955
#2	11.467	1.9634	-.00616	.00150	.00221	.0215	.15770	2.2171
#3	11.474	1.9607	-.00672	.00120	.00215	.0248	.15719	2.3484

Sample Name: K2841-02 Acquired: 5/14/2019 16:15:02 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.68482
Stddev	.44651
%RSD	65.200

#1	.40402
#2	.45075
#3	1.1997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4514.3	50064.	3714.0	69.244	4561.8
Stddev	7.7	255.	31.7	2.951	5.6
%RSD	.17009	.50938	.85266	4.2622	.12316

#1	4523.1	49827.	3680.0	66.118	4564.3
#2	4508.9	50334.	3742.6	71.982	4555.3
#3	4511.0	50031.	3719.5	69.633	4565.7

Sample Name: K2841-03 Acquired: 5/14/2019 16:19:26 Type: Unk
Method: P4-ICP2(v3119) 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	.00194	-.00092	-.00091	.00115	-.00097	.01692	.01368	.00015
Stddev	.00080	.00070	.00140	.00192	.00028	.01547	.00021	.00005
%RSD	41.283	75.166	153.04	167.96	28.455	91.423	1.5614	34.683
#1	.00227	-.00161	.00068	.00322	-.00114	.03462	.01366	.00020
#2	.00252	-.00095	-.00151	-.00058	-.00065	.01017	.01390	.00017
#3	.00103	-.00022	-.00191	.00080	-.00113	.00598	.01347	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	20.805	-.00015	-.00001	.00055	.03483	.00330	16.603
Stddev	.00004	.115	.00055	.00010	.00043	.00062	.00004	.168
%RSD	37.378	.55174	361.98	1938.7	78.455	1.7746	1.3352	1.0131
#1	-.00014	20.683	-.00016	.00004	.00005	.03412	.00325	16.440
#2	-.00009	20.911	-.00069	-.00012	.00082	.03515	.00333	16.776
#3	-.00007	20.821	.00040	.00006	.00078	.03522	.00332	16.594
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	.00004	127.51	.00047	.00687	5.0548	.00017	.05673
Stddev	.00036	.00008	.86	.00013	.00010	.0288	.00011	.01137
%RSD	20.675	180.69	.67065	26.662	1.5205	.56963	65.849	20.052
#1	-.00209	.00006	126.56	.00060	.00693	5.0394	.00006	.05092
#2	-.00137	.00012	127.75	.00045	.00675	5.0880	.00029	.06983
#3	-.00172	-.00004	128.22	.00035	.00694	5.0370	.00017	.04942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.190	1.9690	-.00539	.00001	.00252	.0229	.15409	2.2116
Stddev	.036	.0082	.00050	.00069	.00045	.0008	.00089	.0574
%RSD	.32590	.41680	9.2577	6523.9	17.944	3.488	.57862	2.5947
#1	11.151	1.9785	-.00583	-.00056	.00202	.0237	.15306	2.1656
#2	11.195	1.9645	-.00485	.00077	.00290	.0222	.15461	2.1932
#3	11.223	1.9642	-.00549	-.00018	.00265	.0227	.15460	2.2759

Sample Name: K2841-03 Acquired: 5/14/2019 16:19:26 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.47033
Stddev	.48159
%RSD	102.39

#1	.52383
#2	-.03577
#3	.92294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4519.4	50100.	3734.6	69.470	4574.6
Stddev	9.3	164.	6.2	1.185	5.4
%RSD	.20588	.32680	.16653	1.7056	.11879

#1	4514.9	50253.	3734.8	70.717	4568.8
#2	4530.1	50119.	3740.8	68.359	4579.6
#3	4513.3	49927.	3728.3	69.333	4575.5

Sample Name: K2841-04 Acquired: 5/14/2019 16:23:50 Type: Unk
Method: P4-ICP2(v3119) 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	.00129	-.00209	.00043	-.00100	-.00083	.02022	.01807	.00019
Stddev	.00095	.00120	.00044	.00026	.00103	.01137	.00031	.00003
%RSD	73.357	57.565	102.56	26.076	123.60	56.218	1.6934	18.176

#1	.00020	-.00119	.00091	-.00071	-.00180	.00851	.01773	.00016
#2	.00194	-.00345	.00031	-.00120	-.00095	.02094	.01817	.00023
#3	.00174	-.00162	.00006	-.00110	.00025	.03120	.01832	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	28.192	-.00029	-.00004	.00019	.02358	.00330	40.271
Stddev	.00008	.118	.00024	.00024	.00037	.00051	.00009	.153
%RSD	121.04	.42020	84.748	671.01	195.32	2.1432	2.7396	.37915

#1	-.00009	28.303	-.00009	.00009	.00006	.02415	.00323	40.420
#2	-.00012	28.205	-.00056	-.00032	.00061	.02339	.00340	40.278
#3	.00002	28.067	-.00021	.00012	-.00010	.02319	.00326	40.115

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.00061	320.18	.00086	.00081	12.281	.00008	.14794
Stddev	.00019	.00008	4.59	.00021	.00007	.018	.00028	.00827
%RSD	7.9189	13.755	1.4321	24.272	9.1199	.14384	337.12	5.5892

#1	-.00236	-.00064	325.13	.00107	.00087	12.262	-.00004	.15723
#2	-.00215	-.00051	316.09	.00086	.00083	12.297	-.00011	.14139
#3	-.00252	-.00066	319.31	.00065	.00073	12.285	.00040	.14520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.487	1.9042	-.01186	.00040	.00412	.0259	.28336	2.7806
Stddev	.094	.0015	.00067	.00204	.00138	.0002	.00140	.0599
%RSD	.34323	.07941	5.6240	514.01	33.431	.8247	.49462	2.1547

#1	27.379	1.9037	-.01263	-.00193	.00452	.0260	.28454	2.8493
#2	27.551	1.9030	-.01145	.00190	.00259	.0257	.28181	2.7536
#3	27.531	1.9059	-.01150	.00122	.00526	.0261	.28372	2.7390

Sample Name: K2841-04 Acquired: 5/14/2019 16:23:50 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.90109
Stddev	.08919
%RSD	9.8984

#1	.87716
#2	.82630
#3	.99980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4392.0	48423.	3713.1	67.031	4333.9
Stddev	8.5	63.	3.4	.890	6.4
%RSD	.19243	.12934	.09231	1.3271	.14855

#1	4383.3	48490.	3716.9	67.356	4334.6
#2	4400.2	48413.	3712.2	67.712	4339.9
#3	4392.7	48366.	3710.2	66.025	4327.1

Sample Name: PB119729BS Acquired: 5/14/2019 16:28:22 Type: Unk
Method: P4-ICP2(v3119) 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	.77888	2.0282	1.0017	1.9828	.77765	1.9536	.20594
Stddev	.00140	.0029	.0018	.0074	.00098	.0135	.00182
%RSD	.17940	.14497	.17756	.37283	.12562	.69183	.88192

#1	.77727	2.0250	.99980	1.9910	.77865	1.9440	.20535
#2	.77979	2.0290	1.0020	1.9807	.77670	1.9691	.20798
#3	.77957	2.0307	1.0033	1.9767	.77759	1.9478	.20449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19286	.19606	1.0823	.41597	.20116	.31512	3.1541
Stddev	.00070	.00019	.0060	.00158	.00019	.00043	.0107
%RSD	.36421	.09601	.55128	.37899	.09441	.13510	.34050

#1	.19205	.19586	1.0758	.41421	.20102	.31533	3.1450
#2	.19321	.19608	1.0838	.41725	.20138	.31463	3.1659
#3	.19332	.19623	1.0875	.41645	.20109	.31539	3.1513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21110	1.9466	.50050	.07270	3.3832	.31104	.19322
Stddev	.00052	.0779	.00105	.00032	.0338	.00109	.00039
%RSD	.24816	4.0036	.21067	.44021	.99791	.35099	.20058

#1	.21055	1.8572	.49949	.07288	3.3556	.30986	.19334
#2	.21159	2.0004	.50159	.07233	3.4208	.31125	.19353
#3	.21117	1.9821	.50041	.07290	3.3731	.31201	.19278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.177	.40761	.30250	F .02694	.91419	.66506	.20014
Stddev	.088	.00253	.01160	.00528	.01145	.00083	.00112
%RSD	.86893	.62125	3.8355	19.597	1.2529	.12439	.55935

#1	10.128	.40471	.29826	.03228	.90706	.66423	.19937
#2	10.279	.40875	.29362	.02683	.90811	.66588	.20142
#3	10.124	.40938	.31563	.02172	.92740	.66508	.19962

Sample Name: PB119729BS Acquired: 5/14/2019 16:28:22 Type: Unk
 Method: P4-ICP2(v3119) 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	.20916	F 5.356	.20586	F 2.4395	F<.00000
Stddev	.00171	.004	.00118	.0151	.67633
%RSD	.81580	.0683	.57339	.62054	28.025

#1	.20798	5.352	.20570	2.4227	-3.1594
#2	.20838	5.358	.20477	2.4519	-1.8405
#3	.21111	5.359	.20711	2.4440	-2.2400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.0	50461.	3626.1	65.633	4660.4
Stddev	9.6	174.	23.7	.779	10.6
%RSD	.21516	.34562	.65399	1.1868	.22712

#1	4454.2	50399.	3629.6	65.408	4654.2
#2	4459.0	50326.	3648.0	66.500	4654.4
#3	4472.7	50658.	3600.9	64.992	4672.6

Sample Name: K2841-01LX5 Acquired: 5/14/2019 16:42:46 Type: Unk
Method: P4-ICP2(v3119) 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	-.00005	.00049	.00050	-.00034	.00325	.00243	.00423	.00010
Stddev	.00049	.00067	.00039	.00041	.00038	.01008	.00019	.00005
%RSD	999.07	135.20	78.611	120.95	11.825	415.03	4.3916	49.192

#1	-.00036	.00019	.00093	.00006	.00346	-.00766	.00410	.00008
#2	-.00030	.00126	.00015	-.00031	.00281	.00245	.00445	.00007
#3	.00052	.00003	.00043	-.00075	.00348	.01250	.00415	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	4.5934	-.00041	.00002	-.00079	.00895	.00055	3.9741
Stddev	.00008	.0248	.00043	.00003	.00029	.00102	.00007	.0049
%RSD	1166.4	.54012	104.96	166.54	37.096	11.403	12.698	.12201

#1	.00006	4.5684	.00000	-.00001	-.00108	.00997	.00060	3.9690
#2	-.00009	4.5940	-.00086	.00003	-.00081	.00894	.00047	3.9746
#3	.00001	4.6180	-.00038	.00003	-.00049	.00793	.00058	3.9787

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00008	31.158	.00013	-.00005	1.2666	.00021	.01970
Stddev	.00009	.00025	.078	.00005	.00010	.0143	.00043	.01064
%RSD	7.1210	297.60	.25095	40.003	185.18	1.1252	207.25	53.990

#1	-.00117	.00029	31.199	.00010	-.00009	1.2622	.00069	.01500
#2	-.00126	-.00019	31.068	.00019	.00006	1.2825	.00007	.01223
#3	-.00135	.00016	31.207	.00011	-.00012	1.2550	-.00014	.03188

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6305	.41842	-.00143	-.00038	.00156	.0031	.03658	2.4444
Stddev	.0196	.00350	.00046	.00129	.00055	.0009	.00021	.1130
%RSD	.74408	.83756	32.074	344.19	35.006	27.75	.56310	4.6225

#1	2.6446	.41503	-.00139	-.00012	.00214	.0027	.03638	2.5742
#2	2.6081	.42203	-.00099	-.00178	.00105	.0026	.03657	2.3681
#3	2.6387	.41820	-.00190	.00077	.00148	.0042	.03679	2.3908

Sample Name: K2841-01LX5 Acquired: 5/14/2019 16:42:46 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .44581
%RSD 87.855

#1 -.66024
#2 -.00532
#3 -.85676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4408.5	49124.	3582.2	65.766	4570.1
Stddev	4.2	165.	4.3	2.380	3.4
%RSD	.09572	.33615	.12071	3.6189	.07332

#1	4406.0	48942.	3583.6	63.095	4566.3
#2	4413.3	49264.	3585.6	66.542	4572.1
#3	4406.1	49166.	3577.3	67.661	4572.0

Sample Name: K2841-01MS Acquired: 5/14/2019 16:47:13 Type: Unk
Method: P4-ICP2(v3119) 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	.91033	2.2358	1.1254	2.3682	.80067	2.2727	.24223
Stddev	.00536	.0022	.0033	.0090	.00548	.0248	.00162
%RSD	.58840	.09599	.28967	.38140	.68460	1.0904	.66843

#1	.90766	2.2356	1.1233	2.3616	.79511	2.2656	.24235
#2	.90683	2.2380	1.1291	2.3785	.80084	2.2523	.24056
#3	.91649	2.2338	1.1237	2.3644	.80606	2.3003	.24379

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23374	.22657	22.967	.45811	.22412	.34537	3.4997
Stddev	.00013	.00042	.003	.00196	.00037	.00093	.0046
%RSD	.05688	.18453	.01171	.42688	.16367	.26833	.13014

#1	.23368	.22657	22.968	.45949	.22447	.34494	3.5046
#2	.23389	.22615	22.969	.45587	.22374	.34473	3.4956
#3	.23365	.22698	22.964	.45895	.22415	.34643	3.4990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23108	21.591	.55817	.07841	153.51	.34727	.23719
Stddev	.00053	.222	.00134	.00096	1.03	.00110	.00070
%RSD	.22953	1.0266	.23942	1.2279	.67006	.31542	.29414

#1	.23168	21.643	.55695	.07897	154.49	.34678	.23671
#2	.23087	21.348	.55795	.07896	152.44	.34853	.23799
#3	.23068	21.781	.55960	.07730	153.60	.34651	.23686

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.018	.40834	.40520	F 13.093	2.9020	.70482	.20748
Stddev	.113	.00177	.01884	.057	.0512	.00172	.00040
%RSD	.66502	.43462	4.6492	.43873	1.7656	.24386	.19132

#1	17.122	.40658	.39010	13.083	2.8635	.70284	.20793
#2	16.897	.41013	.42631	13.155	2.9601	.70582	.20725
#3	17.036	.40831	.39920	13.042	2.8823	.70581	.20724

Sample Name: K2841-01MS Acquired: 5/14/2019 16:47:13 Type: Unk
 Method: P4-ICP2(v3119) 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	.21964	6.725	.39098	2.3832	F<.00000
Stddev	.00194	.021	.00049	.0857	.78629
%RSD	.88469	.3074	.12600	3.5973	64.894

#1	.21740	6.705	.39112	2.2880	-1.8542
#2	.22066	6.746	.39138	2.4073	-.33486
#3	.22086	6.723	.39043	2.4543	-1.4459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4499.0	49773.	3675.8	67.530	4492.5
Stddev	11.4	164.	19.5	1.553	8.5
%RSD	.25304	.32937	.53052	2.2991	.18940

#1	4510.5	49615.	3685.6	68.803	4501.1
#2	4498.8	49942.	3653.3	65.800	4492.4
#3	4487.7	49761.	3688.4	67.986	4484.1

Sample Name: K2841-01MSD Acquired: 5/14/2019 16:51:18 Type: Unk
Method: P4-ICP2(v3119) 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	.89994	2.2003	1.1085	2.3229	.79141	2.2452	.23975
Stddev	.00372	.0015	.0009	.0042	.00443	.0178	.00122
%RSD	.41342	.06691	.08521	.17879	.55995	.79267	.50980

#1	.90249	2.2010	1.1096	2.3262	.78999	2.2417	.24030
#2	.90167	2.2014	1.1079	2.3182	.78786	2.2645	.24060
#3	.89567	2.1987	1.1081	2.3243	.79638	2.2294	.23835

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23027	.22247	22.615	.45410	.21992	.34128	3.4637
Stddev	.00084	.00010	.034	.00085	.00050	.00125	.0013
%RSD	.36275	.04676	.14833	.18673	.22853	.36591	.03595

#1	.23102	.22237	22.581	.45356	.22050	.34262	3.4628
#2	.23042	.22258	22.617	.45508	.21972	.34015	3.4651
#3	.22937	.22248	22.648	.45367	.21955	.34106	3.4633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22769	21.341	.55170	.07769	151.49	.34411	.23322
Stddev	.00047	.010	.00216	.00161	.60	.00029	.00059
%RSD	.20821	.04659	.39068	2.0746	.39470	.08457	.25108

#1	.22764	21.345	.55390	.07929	152.16	.34444	.23386
#2	.22818	21.329	.54959	.07607	151.31	.34395	.23271
#3	.22724	21.348	.55162	.07772	151.01	.34393	.23308

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.013	.40466	.38967	F 12.873	2.8877	.69540	.20144
Stddev	.080	.00105	.01419	.023	.0133	.00075	.00169
%RSD	.47002	.25869	3.6426	.18161	.46111	.10793	.84132

#1	17.084	.40512	.38233	12.897	2.8791	.69465	.20027
#2	16.926	.40346	.40603	12.869	2.8810	.69538	.20338
#3	17.028	.40539	.38065	12.851	2.9031	.69615	.20067

Sample Name: K2841-01MSD Acquired: 5/14/2019 16:51:18 Type: Unk
Method: P4-ICP2(v3119) 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	.21851	6.608	.38340	2.2419	F<.00000
Stddev	.00097	.010	.00216	.0393	.45631
%RSD	.44415	.1578	.56453	1.7537	25.166

#1	.21780	6.618	.38508	2.2319	-1.3964
#2	.21812	6.610	.38095	2.2853	-1.7423
#3	.21962	6.598	.38416	2.2086	-2.3008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4510.1	49629.	3672.7	67.197	4509.0
Stddev	8.8	29.	8.7	.497	1.7
%RSD	.19425	.05830	.23778	.73898	.03774

#1	4506.1	49623.	3674.0	66.705	4511.0
#2	4520.1	49604.	3680.8	67.698	4508.4
#3	4504.0	49660.	3663.5	67.188	4507.7

Sample Name: K2841-01A Acquired: 5/14/2019 16:55:22 Type: Unk
Method: P4-ICP2(v3119) 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	.89302	2.1701	1.0934	2.2988	.78367	2.2212	.23553
Stddev	.00241	.0077	.0041	.0131	.00213	.0048	.00096
%RSD	.27000	.35305	.37095	.56756	.27120	.21640	.40620

#1	.89102	2.1773	1.0970	2.3053	.78123	2.2159	.23659
#2	.89233	2.1710	1.0890	2.3073	.78514	2.2253	.23474
#3	.89570	2.1621	1.0942	2.2838	.78463	2.2225	.23526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22630	.21964	22.546	.45002	.21726	.33828	3.4274
Stddev	.00065	.00035	.017	.00177	.00097	.00162	.0045
%RSD	.28868	.16010	.07400	.39287	.44685	.47850	.13052

#1	.22560	.22005	22.555	.44913	.21814	.34014	3.4225
#2	.22690	.21946	22.556	.44887	.21744	.33730	3.4314
#3	.22639	.21942	22.527	.45205	.21622	.33738	3.4282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22461	21.239	.54397	.07782	150.64	.34155	.23037
Stddev	.00019	.121	.00127	.00083	.10	.00092	.00053
%RSD	.08647	.57169	.23282	1.0679	.06440	.27075	.22926

#1	.22480	21.220	.54543	.07689	150.66	.34230	.23097
#2	.22442	21.128	.54324	.07850	150.73	.34184	.23003
#3	.22462	21.369	.54323	.07805	150.54	.34052	.23010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.897	.40201	.38100	F 12.803	2.8943	.68838	.19996
Stddev	.044	.00121	.02535	.006	.0098	.00245	.00060
%RSD	.25924	.30097	6.6534	.04460	.33832	.35542	.29920

#1	16.940	.40339	.41016	12.800	2.8830	.69117	.19934
#2	16.900	.40151	.36873	12.799	2.8993	.68660	.20053
#3	16.852	.40113	.36413	12.809	2.9006	.68738	.20002

Sample Name: K2841-01A Acquired: 5/14/2019 16:55:22 Type: Unk
 Method: P4-ICP2(v3119) 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	.21591	6.519	.38171	2.1442	F<.00000
Stddev	.00065	.023	.00019	.0847	.10142
%RSD	.30002	.3505	.05033	3.9480	8.0576
#1	.21665	6.537	.38165	2.0975	-1.3653
#2	.21550	6.526	.38192	2.0931	-1.1634
#3	.21556	6.493	.38155	2.2419	-1.2476
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4511.8	49692.	3650.9	67.045	4520.8
Stddev	5.4	61.	10.9	.821	2.2
%RSD	.12062	.12328	.29977	1.2246	.04941
#1	4506.1	49754.	3662.0	67.837	4519.2
#2	4512.5	49691.	3650.8	67.098	4519.9
#3	4516.9	49631.	3640.1	66.198	4523.4

Sample Name: CCV05 Acquired: 5/14/2019 17:04:28 Type: Unk
Method: P4-ICP2(v3119) 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	5.1499	5.1715	5.1211	5.1534	5.1183	10.117	10.147	.25810
Stddev	.0174	.0075	.0090	.0101	.0039	.055	.121	.00092
%RSD	.33722	.14455	.17644	.19499	.07576	.54720	1.1931	.35582
#1	5.1493	5.1708	5.1132	5.1420	5.1227	10.066	10.055	.25856
#2	5.1676	5.1792	5.1310	5.1568	5.1158	10.176	10.284	.25869
#3	5.1329	5.1643	5.1192	5.1612	5.1163	10.109	10.101	.25704
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5571	25.949	1.0222	2.5542	1.2765	5.1800	2.6210	25.337
Stddev	.0011	.079	.0018	.0057	.0012	.0051	.0021	.294
%RSD	.04242	.30514	.17561	.22530	.09343	.09759	.07855	1.1621
#1	2.5579	25.918	1.0202	2.5485	1.2755	5.1742	2.6195	25.099
#2	2.5575	26.038	1.0234	2.5600	1.2761	5.1828	2.6201	25.666
#3	2.5559	25.889	1.0232	2.5541	1.2778	5.1830	2.6233	25.246
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5374	1.2733	24.960	2.5719	2.5616	24.749	5.1426	5.1302
Stddev	.0039	.0017	.175	.0020	.0043	.047	.0068	.0506
%RSD	.15501	.13425	.70213	.07762	.16787	.19025	.13143	.98633
#1	2.5340	1.2742	24.843	2.5711	2.5593	24.793	5.1501	5.0748
#2	2.5417	1.2714	25.162	2.5742	2.5665	24.753	5.1370	5.1739
#3	2.5364	1.2744	24.876	2.5704	2.5589	24.700	5.1407	5.1420
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1046	5.0850	5.1242	5.1730	4.9719	5.151	5.1862	F 3.6867
Stddev	.0185	.0233	.0122	.0155	.0285	.004	.0042	.0323
%RSD	.36198	.45755	.23803	.29861	.57430	.0706	.08033	.87575
#1	5.1155	5.0983	5.1248	5.1618	4.9920	5.155	5.1908	3.6540
#2	5.1151	5.0581	5.1360	5.1666	4.9392	5.149	5.1851	3.7186
#3	5.0833	5.0985	5.1117	5.1906	4.9845	5.149	5.1826	3.6876

Sample Name: CCV05 Acquired: 5/14/2019 17:04:28 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4459
Stddev	.2530
%RSD	10.345

#1	2.2428
#2	2.7294
#3	2.3656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4253.5	47874.	3549.8	62.973	4189.1
Stddev	8.6	125.	13.0	1.415	14.8
%RSD	.20278	.26065	.36646	2.2468	.35258

#1	4250.1	47944.	3536.4	64.595	4187.2
#2	4247.1	47730.	3562.4	61.988	4175.3
#3	4263.3	47948.	3550.8	62.338	4204.7

Sample Name: CC0B5 Acquired: 5/14/2019 17:08:33 Type: Unk
Method: P4-ICP2(v3119) 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	.00146	.00034	.00156	.00045	.00062	-.00147	.00143
Stddev	.00136	.00111	.00123	.00352	.00117	.00574	.00005
%RSD	93.613	328.88	78.736	775.76	189.24	389.98	3.5250

#1	.00200	.00123	.00251	-.00290	.00100	-.00442	.00137
#2	.00246	.00068	.00017	.00412	-.00070	-.00514	.00147
#3	-.00009	-.00090	.00201	.00014	.00156	.00514	.00143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00002	.00116	-.00026	.00012	-.00085	.00082
Stddev	.00004	.00003	.00159	.00011	.00011	.00036	.00039
%RSD	63.157	152.26	136.50	40.819	94.073	43.015	47.920

#1	.00004	.00004	.00053	-.00025	-.00001	-.00044	.00075
#2	.00004	.00004	.00297	-.00038	.00020	-.00114	.00046
#3	.00011	-.00002	-.00001	-.00016	.00017	-.00096	.00124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01388	-.00087	-.00017	.11822	.00060	.00001
Stddev	.00006	.02596	.00025	.00043	.00492	.00023	.00009
%RSD	63.817	187.12	28.100	246.46	4.1621	37.820	1145.5

#1	.00015	-.02761	-.00113	.00016	.11352	.00055	.00006
#2	.00004	.01607	-.00085	-.00003	.11781	.00040	.00006
#3	.00008	-.03009	-.00064	-.00066	.12333	.00085	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11690	.00057	.00888	F .00848	.00632	.00028	.00286
Stddev	.02505	.00019	.01137	.00113	.00043	.00032	.00296
%RSD	21.426	32.921	128.05	13.311	6.8563	114.21	103.48

#1	.08839	.00076	.02149	.00964	.00664	.00010	-.00039
#2	.12697	.00038	.00574	.00841	.00583	.00066	.00357
#3	.13535	.00057	-.00059	.00738	.00650	.00009	.00541

Sample Name: CC0B5 Acquired: 5/14/2019 17:08:33 Type: Unk
Method: P4-ICP2(v3119) 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	.00434	-.0003	.00015	F 2.5338	F<.00000
Stddev	.00088	.0007	.00013	.0257	.57175
%RSD	20.369	231.1	83.375	1.0137	117.97

#1	.00334	.0003	.00030	2.5087	-1.0113
#2	.00502	-.0011	.00011	2.5328	-.56620
#3	.00467	-.0001	.00005	2.5600	.12347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4469.1	50469.	3597.8	66.214	4746.2
Stddev	12.0	46.	31.9	1.235	13.8
%RSD	.26943	.09105	.88628	1.8649	.29076

#1	4455.3	50464.	3568.1	66.350	4730.4
#2	4475.1	50427.	3631.5	67.375	4752.4
#3	4477.1	50518.	3594.0	64.917	4755.9

Sample Name: K2841-05 Acquired: 5/14/2019 17:13:01 Type: Unk
Method: P4-ICP2(v3119) 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	.00135	-.00047	-.00079	-.00271	-.00192	.02434	.01649	.00016
Stddev	.00067	.00055	.00132	.00192	.00141	.01314	.00025	.00007
%RSD	49.494	116.84	167.24	71.123	73.575	53.960	1.5216	44.262

#1	.00121	-.00017	-.00038	-.00297	-.00122	.01731	.01664	.00014
#2	.00207	-.00110	-.00226	-.00066	-.00099	.03950	.01620	.00011
#3	.00076	-.00014	.00028	-.00448	-.00354	.01623	.01663	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	27.199	-.00042	-.00008	.00057	.02617	.00351	36.340
Stddev	.00003	.066	.00049	.00025	.00030	.00084	.00006	.125
%RSD	163.72	.24242	115.61	322.14	52.847	3.2177	1.7952	.34402

#1	-.00006	27.273	-.00000	-.00037	.00091	.02670	.00349	36.477
#2	-.00000	27.176	-.00095	.00011	.00041	.02662	.00358	36.233
#3	-.00000	27.148	-.00031	.00002	.00038	.02520	.00346	36.309

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.00038	290.81	.00087	.00170	11.081	.00034	.13479
Stddev	.00052	.00026	2.63	.00034	.00003	.021	.00021	.01418
%RSD	23.704	70.286	.90445	39.260	1.5372	.18711	60.012	10.522

#1	-.00252	-.00010	289.77	.00106	.00173	11.057	.00055	.15084
#2	-.00247	-.00062	288.86	.00048	.00168	11.094	.00034	.12394
#3	-.00159	-.00041	293.80	.00108	.00169	11.092	.00014	.12959

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.930	1.9438	-.01006	-.00126	.00357	.0279	.26548	2.8116
Stddev	.051	.0098	.00056	.00223	.00047	.0007	.00044	.0551
%RSD	.20448	.50584	5.5360	176.27	13.135	2.575	.16461	1.9596

#1	24.872	1.9327	-.00976	-.00378	.00363	.0285	.26585	2.7604
#2	24.949	1.9474	-.00973	.00047	.00400	.0271	.26500	2.8699
#3	24.969	1.9514	-.01071	-.00049	.00307	.0281	.26558	2.8046

Sample Name: K2841-05 Acquired: 5/14/2019 17:13:01 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.68125
Stddev	.19890
%RSD	29.196

#1	.60250
#2	.90747
#3	.53379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4412.0	48747.	3683.7	66.009	4357.0
Stddev	13.0	76.	12.3	1.959	12.2
%RSD	.29548	.15539	.33276	2.9680	.27936

#1	4424.9	48827.	3695.7	65.651	4369.6
#2	4412.3	48677.	3671.2	68.123	4356.2
#3	4398.9	48736.	3684.2	64.254	4345.3

Sample Name: K2841-06 Acquired: 5/14/2019 17:17:33 Type: Unk
Method: P4-ICP2(v3119) 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	.00297	-.00049	-.00080	-.00130	-.00145	.02746	.01347	.00014
Stddev	.00195	.00244	.00055	.00188	.00108	.00538	.00123	.00004
%RSD	65.746	493.95	68.800	144.23	74.878	19.593	9.1298	30.441
#1	.00183	.00023	-.00126	-.00003	-.00172	.02845	.01363	.00012
#2	.00523	.00150	-.00095	-.00042	-.00025	.03228	.01217	.00018
#3	.00186	-.00322	-.00019	-.00346	-.00236	.02166	.01461	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	22.748	-.00031	-.00012	.00008	.02876	.00412	22.355
Stddev	.00005	.058	.00022	.00012	.00035	.00102	.00001	.032
%RSD	122.07	.25349	70.979	97.038	429.95	3.5537	.25758	.14355
#1	-.00009	22.814	-.00007	-.00025	.00048	.02974	.00414	22.392
#2	-.00004	22.706	-.00051	-.00008	-.00010	.02770	.00412	22.340
#3	.00001	22.723	-.00036	-.00003	-.00014	.02885	.00411	22.334
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00054	176.02	.00091	.00033	6.8375	.00007	.08199
Stddev	.00032	.00054	.60	.00021	.00014	.0349	.00009	.01103
%RSD	22.211	99.127	.33941	22.879	42.107	.51054	127.55	13.456
#1	-.00127	-.00062	176.40	.00111	.00038	6.8665	.00003	.07512
#2	-.00126	-.00103	176.33	.00092	.00044	6.8473	.00000	.09472
#3	-.00182	.00003	175.33	.00069	.00017	6.7988	.00017	.07614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.336	1.9566	-.00706	.00024	.00186	.0229	.18950	2.3995
Stddev	.066	.0036	.00032	.00143	.00051	.0017	.00024	.0947
%RSD	.43139	.18328	4.5038	603.52	27.341	7.549	.12535	3.9465
#1	15.396	1.9608	-.00742	-.00038	.00136	.0228	.18966	2.3269
#2	15.346	1.9544	-.00689	-.00079	.00185	.0246	.18923	2.5066
#3	15.265	1.9547	-.00685	.00187	.00237	.0212	.18961	2.3650

Sample Name: K2841-06 Acquired: 5/14/2019 17:17:33 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.10441
Stddev	.32202
%RSD	308.41

#1	-.26670
#2	.26990
#3	.31004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4445.5	49463.	3703.0	67.861	4461.5
Stddev	5.9	87.	3.8	1.638	6.9
%RSD	.13323	.17549	.10373	2.4131	.15371

#1	4448.3	49400.	3703.0	67.789	4456.5
#2	4449.4	49426.	3699.2	66.260	4469.3
#3	4438.6	49562.	3706.9	69.533	4458.7

Sample Name: K2842-02 Acquired: 5/14/2019 17:21:58 Type: Unk
Method: P4-ICP2(v3119) 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	.00065	.00044	-.00096	.00092	-.00097	.02273	.01123	.00013
Stddev	.00114	.00106	.00079	.00107	.00189	.00423	.00030	.00004
%RSD	175.62	239.70	82.885	116.24	195.71	18.627	2.6850	33.453

#1	-.00001	.00000	-.00041	.00173	-.00094	.02498	.01148	.00018
#2	-.00000	-.00033	-.00187	.00133	.00091	.02536	.01090	.00011
#3	.00196	.00165	-.00060	-.00029	-.00287	.01785	.01130	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	17.919	-.00014	.00015	.00016	.04176	.00466	7.8136
Stddev	.00008	.058	.00025	.00017	.00055	.00098	.00006	.0523
%RSD	210.20	.32507	179.48	117.29	343.63	2.3517	1.2301	.66915

#1	.00013	17.984	-.00005	-.00003	-.00023	.04100	.00472	7.7568
#2	-.00004	17.873	-.00042	.00015	.00079	.04142	.00462	7.8243
#3	.00004	17.898	.00006	.00032	-.00008	.04287	.00463	7.8597

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00055	52.900	.00079	.00045	2.3155	.00015	.03213
Stddev	.00015	.00036	.263	.00017	.00001	.0220	.00017	.00540
%RSD	17.070	64.499	.49727	21.428	1.3287	.94984	115.52	16.802

#1	-.00084	-.00090	53.007	.00088	.00046	2.3373	-.00005	.02607
#2	-.00072	-.00057	52.600	.00089	.00045	2.2933	.00023	.03391
#3	-.00101	-.00019	53.092	.00059	.00045	2.3157	.00027	.03641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1089	2.0303	-.00294	.00150	-.00032	.0205	.10158	1.8846
Stddev	.0131	.0059	.00064	.00135	.00086	.0006	.00051	.0615
%RSD	.25636	.28810	21.850	89.491	269.20	3.094	.49806	3.2625

#1	5.1175	2.0237	-.00366	.00131	-.00009	.0212	.10134	1.8980
#2	5.1154	2.0320	-.00244	.00027	.00040	.0201	.10124	1.9383
#3	5.0938	2.0350	-.00273	.00294	-.00128	.0201	.10216	1.8175

Sample Name: K2842-02 Acquired: 5/14/2019 17:21:58 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .22148
Stddev .11987
%RSD 54.122

#1 .34029
#2 .22357
#3 .10058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4556.8	50909.	3735.4	68.347	4718.2
Stddev	1.0	219.	8.1	2.279	5.2
%RSD	.02291	.42991	.21709	3.3348	.10995

#1	4557.8	50961.	3731.2	67.590	4712.3
#2	4556.8	51097.	3744.8	70.908	4722.3
#3	4555.8	50669.	3730.3	66.542	4719.8

Sample Name: K2842-02DUP Acquired: 5/14/2019 17:26:23 Type: Unk
Method: P4-ICP2(v3119) 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	-.00085	-.00081	-.00155	-.00084	-.00075	.01979	.01111	.00011
Stddev	.00055	.00018	.00040	.00120	.00244	.00161	.00004	.00003
%RSD	64.168	21.740	25.740	142.29	326.92	8.1286	.33715	24.388

#1	-.00084	-.00079	-.00171	-.00095	-.00345	.02079	.01110	.00013
#2	-.00031	-.00100	-.00185	-.00198	.00129	.02065	.01108	.00013
#3	-.00141	-.00065	-.00110	.00041	-.00008	.01793	.01115	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	17.855	-.00008	.00024	.00022	.04166	.00458	7.8168
Stddev	.00001	.053	.00016	.00005	.00008	.00124	.00004	.0688
%RSD	15.223	.29810	214.61	19.245	35.425	2.9846	.83932	.87977

#1	-.00005	17.805	-.00026	.00025	.00021	.04024	.00455	7.7831
#2	-.00005	17.911	.00004	.00019	.00014	.04219	.00463	7.7713
#3	-.00006	17.850	-.00000	.00028	.00029	.04256	.00457	7.8959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00032	53.071	.00081	.00051	2.3173	-.00010	.02706
Stddev	.00008	.00018	.110	.00049	.00015	.0174	.00011	.01095
%RSD	7.0659	57.260	.20671	61.156	29.513	.74909	114.80	40.473

#1	-.00116	-.00011	52.945	.00040	.00035	2.3193	.00000	.02769
#2	-.00108	-.00046	53.121	.00066	.00065	2.3337	-.00008	.01581
#3	-.00101	-.00037	53.147	.00135	.00054	2.2991	-.00022	.03768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0766	2.0110	-.00342	.00000	.00038	.0197	.10156	1.7814
Stddev	.0228	.0121	.00028	.00158	.00077	.0020	.00041	.0547
%RSD	.44835	.60416	8.3091	36286.	202.64	9.993	.40265	3.0727

#1	5.0964	2.0225	-.00330	-.00159	.00085	.0205	.10116	1.8446
#2	5.0816	2.0121	-.00374	.00158	-.00051	.0175	.10198	1.7495
#3	5.0517	1.9983	-.00321	.00003	.00081	.0211	.10153	1.7500

Sample Name: K2842-02DUP Acquired: 5/14/2019 17:26:23 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .12239
 %RSD 122.68

#1 -.11976
 #2 .03139
 #3 -.21092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.1	50689.	3742.9	68.172	4715.7
Stddev	9.3	112.	27.8	.691	4.2
%RSD	.20365	.22166	.74315	1.0139	.08963

#1	4561.6	50664.	3719.7	67.665	4719.0
#2	4554.6	50592.	3735.3	67.892	4711.0
#3	4543.2	50812.	3773.7	68.959	4717.3

Sample Name: K2842-03 Acquired: 5/14/2019 17:30:48 Type: Unk
Method: P4-ICP2(v3119) 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	.00053	-.00077	-.00154	.00045	-.00082	.01444	.01107	.00011
Stddev	.00127	.00030	.00136	.00223	.00122	.00550	.00054	.00004
%RSD	237.29	39.359	88.768	500.67	148.22	38.089	4.9056	37.718

#1	.00063	-.00051	-.00271	-.00203	-.00217	.00814	.01060	.00015
#2	.00175	-.00069	-.00004	.00106	-.00050	.01688	.01166	.00011
#3	-.00078	-.00110	-.00186	.00230	.00020	.01830	.01093	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	17.833	-.00007	.00009	.00009	.04147	.00491	7.8358
Stddev	.00001	.032	.00033	.00020	.00022	.00036	.00004	.0602
%RSD	13.381	.18047	456.27	223.25	232.95	.87699	.85368	.76861

#1	-.00006	17.808	.00012	.00021	.00032	.04182	.00496	7.8264
#2	-.00005	17.869	.00012	.00020	.00007	.04149	.00489	7.9002
#3	-.00006	17.822	-.00045	-.00014	-.00011	.04109	.00488	7.7808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00049	53.335	.00085	.00034	2.3198	.00005	.03188
Stddev	.00015	.00026	.098	.00009	.00006	.0208	.00018	.00620
%RSD	18.893	53.611	.18358	10.483	18.251	.89522	379.81	19.439

#1	-.00099	-.00030	53.318	.00095	.00038	2.3381	.00012	.02712
#2	-.00070	-.00079	53.440	.00084	.00027	2.2972	.00018	.03888
#3	-.00075	-.00037	53.246	.00077	.00036	2.3240	-.00015	.02963

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0912	2.0051	-.00339	-.00057	.00107	.0212	.10186	1.9272
Stddev	.0317	.0124	.00011	.00058	.00104	.0008	.00025	.1165
%RSD	.62182	.61942	3.1792	101.51	97.236	3.734	.24090	6.0434

#1	5.1274	2.0191	-.00335	-.00119	.00172	.0213	.10210	1.8888
#2	5.0776	2.0008	-.00351	-.00047	.00162	.0219	.10189	2.0580
#3	5.0686	1.9955	-.00331	-.00005	-.00013	.0204	.10161	1.8348

Sample Name: K2842-03 Acquired: 5/14/2019 17:30:48 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .35084
 %RSD 91.107

#1 -.68649
 #2 -.46880
 #3 .00004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4534.2	50714.	3746.1	68.463	4696.5
Stddev	6.1	125.	13.3	.342	3.7
%RSD	.13546	.24650	.35459	.49899	.07833

#1	4540.4	50660.	3732.7	68.645	4696.2
#2	4528.1	50857.	3759.2	68.069	4700.3
#3	4534.1	50625.	3746.5	68.676	4693.0

Sample Name: K2842-04 Acquired: 5/14/2019 17:35:12 Type: Unk
Method: P4-ICP2(v3119) 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	.00110	-.00061	-.00055	-.00089	-.00155	.02106	.01160	.00018
Stddev	.00085	.00080	.00042	.00258	.00102	.00813	.00027	.00001
%RSD	77.629	131.56	76.015	289.22	66.011	38.611	2.3544	7.4381

#1	.00101	-.00151	-.00034	-.00097	-.00110	.02082	.01174	.00017
#2	.00199	-.00033	-.00103	-.00343	-.00272	.01305	.01177	.00019
#3	.00029	.00002	-.00028	.00173	-.00083	.02930	.01128	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	17.869	-.00031	-.00001	.00001	.03999	.00418	7.8017
Stddev	.00004	.152	.00015	.00017	.00032	.00102	.00002	.0263
%RSD	126.89	.84841	47.485	2153.7	3270.6	2.5507	.47020	.33759

#1	-.00007	17.807	-.00044	-.00019	-.00033	.03918	.00419	7.7723
#2	-.00005	18.042	-.00015	.00004	.00030	.03967	.00416	7.8231
#3	.00001	17.758	-.00034	.00013	.00006	.04114	.00418	7.8098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.00043	53.760	.00076	.00032	2.2960	.00019	.01860
Stddev	.00020	.00027	.294	.00010	.00009	.0067	.00015	.01495
%RSD	24.806	63.046	.54608	13.660	27.288	.28990	76.016	80.357

#1	-.00067	-.00033	53.475	.00077	.00022	2.3031	.00032	.01718
#2	-.00103	-.00022	53.744	.00086	.00035	2.2950	.00022	.03421
#3	-.00069	-.00074	54.062	.00065	.00039	2.2899	.00003	.00442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1377	2.0065	-.00281	.00009	-.00010	.0195	.10211	1.8095
Stddev	.0284	.0153	.00024	.00145	.00093	.0013	.00075	.0258
%RSD	.55218	.76380	8.5978	1679.1	885.67	6.516	.73285	1.4267

#1	5.1140	2.0177	-.00258	.00160	.00009	.0192	.10188	1.8322
#2	5.1691	2.0128	-.00278	-.00129	-.00111	.0184	.10295	1.7814
#3	5.1301	1.9891	-.00306	-.00005	.00071	.0209	.10151	1.8150

Sample Name: K2842-04 Acquired: 5/14/2019 17:35:12 Type: Unk
 Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .11105
 %RSD 24.434

#1 -.48041
 #2 -.55031
 #3 -.33279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4537.1	50782.	3750.7	70.038	4703.0
Stddev	5.5	81.	27.2	.954	9.8
%RSD	.12075	.16017	.72533	1.3620	.20864

#1	4541.0	50852.	3736.2	70.599	4708.8
#2	4530.8	50801.	3733.8	70.579	4691.7
#3	4539.4	50692.	3782.1	68.937	4708.5

Sample Name: K2842-02LX5 Acquired: 5/14/2019 17:39:36 Type: Unk
Method: P4-ICP2(v3119) 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	.00115	.00052	.00077	-.00010	.00146	.00346	.00360	.00003
Stddev	.00071	.00099	.00097	.00147	.00099	.00998	.00010	.00003
%RSD	62.223	189.93	125.14	1499.3	67.449	288.01	2.8118	116.41

#1	.00121	.00047	.00063	-.00044	.00039	-.00237	.00360	.00006
#2	.00041	.00153	-.00012	.00151	.00166	.01498	.00350	-.00000
#3	.00183	-.00044	.00180	-.00136	.00233	-.00222	.00371	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	3.7764	-.00012	.00007	-.00075	.01032	.00101	1.6417
Stddev	.00006	.0144	.00020	.00008	.00010	.00014	.00003	.0320
%RSD	342.20	.38025	165.25	118.27	12.781	1.3760	2.4907	1.9482

#1	.00005	3.7638	-.00012	.00014	-.00085	.01043	.00102	1.6750
#2	-.00004	3.7733	.00008	-.00001	-.00074	.01037	.00098	1.6112
#3	-.00007	3.7920	-.00032	.00007	-.00066	.01016	.00103	1.6387

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.00024	11.120	.00013	.00021	.68983	-.00017	.00419
Stddev	.00035	.00040	.055	.00028	.00012	.01068	.00024	.01431
%RSD	44.266	166.56	.49084	204.75	59.168	1.5486	143.03	341.57

#1	-.00113	.00022	11.083	.00034	.00035	.67770	-.00027	.01693
#2	-.00084	-.00049	11.183	.00025	.00016	.69781	-.00034	.00695
#3	-.00043	-.00045	11.094	-.00018	.00012	.69398	.00011	-.01130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0371	.42715	-.00166	.00226	.00034	.0051	.02178	2.0760
Stddev	.0052	.00433	.00011	.00078	.00180	.0024	.00018	.0469
%RSD	.49853	1.0147	6.8700	34.546	528.09	46.75	.81344	2.2613

#1	1.0408	.43122	-.00156	.00220	.00000	.0062	.02159	2.0466
#2	1.0394	.42259	-.00178	.00307	.00229	.0024	.02182	2.0514
#3	1.0312	.42766	-.00164	.00151	-.00127	.0068	.02194	2.1302

Sample Name: K2842-02LX5 Acquired: 5/14/2019 17:39:36 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .22706
%RSD 27.150

#1 -.58603
#2 -.89387
#3 -1.0291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4446.7	49751.	3623.9	67.350	4696.3
Stddev	4.7	173.	19.1	1.202	4.6
%RSD	.10580	.34822	.52599	1.7853	.09871

#1	4442.7	49601.	3617.4	66.467	4699.6
#2	4451.9	49711.	3645.4	68.719	4698.5
#3	4445.5	49940.	3609.0	66.863	4691.0

Sample Name: K2842-02MS Acquired: 5/14/2019 17:44:07 Type: Unk
Method: P4-ICP2(v3119) 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	.71007	1.7750	.87710	1.8732	.66058	1.7681	.18711
Stddev	.00202	.0021	.00179	.0092	.00630	.0066	.00093
%RSD	.28461	.12029	.20448	.49286	.95429	.37216	.49581

#1	.71165	1.7729	.87548	1.8649	.65661	1.7739	.18796
#2	.71077	1.7772	.87680	1.8716	.65728	1.7610	.18725
#3	.70779	1.7749	.87903	1.8832	.66785	1.7695	.18612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18209	.17703	18.688	.35840	.17367	.27684	2.7566
Stddev	.00087	.00044	.112	.00038	.00012	.00070	.0130
%RSD	.47900	.24711	.59887	.10719	.07045	.25335	.47190

#1	.18291	.17713	18.792	.35884	.17355	.27618	2.7638
#2	.18117	.17655	18.569	.35814	.17367	.27677	2.7416
#3	.18219	.17741	18.702	.35821	.17379	.27757	2.7644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18443	9.4525	.43370	.06333	54.939	.26928	.18223
Stddev	.00036	.0269	.00229	.00046	.039	.00062	.00057
%RSD	.19757	.28413	.52763	.73232	.07101	.23196	.31434

#1	.18401	9.4800	.43155	.06298	54.961	.26999	.18157
#2	.18460	9.4511	.43346	.06385	54.894	.26885	.18261
#3	.18468	9.4264	.43610	.06315	54.962	.26899	.18251

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.995	.33712	.28881	5.0620	2.7801	.57116	.16758
Stddev	.112	.00149	.00705	.0063	.0103	.00088	.00335
%RSD	1.0187	.44232	2.4398	.12501	.37211	.15359	1.9962

#1	11.122	.33550	.28830	5.0579	2.7842	.57047	.17027
#2	10.908	.33741	.28203	5.0693	2.7683	.57086	.16383
#3	10.956	.33844	.29610	5.0590	2.7877	.57215	.16863

Sample Name: K2842-02MS Acquired: 5/14/2019 17:44:07 Type: Unk
Method: P4-ICP2(v3119) 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	.17212	5.095	.27431	1.9249	F<.00000
Stddev	.00248	.006	.00129	.0742	.37737
%RSD	1.4422	.1277	.47014	3.8572	24.530

#1	.17445	5.087	.27455	1.9271	-1.9605
#2	.17242	5.098	.27292	1.8496	-1.4211
#3	.16951	5.099	.27546	1.9980	-1.2336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4536.7	50643.	3703.0	65.973	4649.1
Stddev	14.8	17.	10.7	.488	11.0
%RSD	.32699	.03300	.28977	.73914	.23561

#1	4552.7	50640.	3696.9	65.762	4661.8
#2	4533.9	50627.	3715.4	65.626	4643.2
#3	4523.4	50660.	3696.8	66.530	4642.4

Sample Name: K2842-02MSD Acquired: 5/14/2019 17:48:13 Type: Unk
Method: P4-ICP2(v3119) 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	.68388	1.7083	.84648	1.8116	.66352	1.7103	.18181
Stddev	.00549	.0003	.00173	.0038	.00377	.0211	.00141
%RSD	.80282	.01873	.20410	.21164	.56884	1.2363	.77471

#1	.67932	1.7085	.84840	1.8075	.66194	1.7022	.18273
#2	.68235	1.7079	.84505	1.8122	.66079	1.6944	.18019
#3	.68998	1.7084	.84599	1.8151	.66783	1.7343	.18250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17619	.17076	18.638	.34657	.16751	.26630	2.6628
Stddev	.00022	.00037	.036	.00033	.00064	.00042	.0025
%RSD	.12673	.21461	.19118	.09428	.38259	.15729	.09405

#1	.17610	.17065	18.642	.34691	.16793	.26609	2.6602
#2	.17602	.17046	18.671	.34654	.16677	.26679	2.6651
#3	.17644	.17117	18.600	.34626	.16781	.26604	2.6630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17794	9.4779	.41684	.06125	55.052	.25903	.17531
Stddev	.00048	.0448	.00071	.00042	.309	.00102	.00046
%RSD	.26836	.47306	.16980	.69114	.56127	.39395	.26090

#1	.17815	9.4414	.41713	.06076	55.244	.25819	.17582
#2	.17828	9.5279	.41603	.06150	54.696	.26017	.17493
#3	.17739	9.4644	.41736	.06149	55.217	.25874	.17519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.740	.33369	.27832	5.0642	2.7867	.56465	.16827
Stddev	.123	.00269	.02998	.0089	.0425	.00151	.00279
%RSD	1.1457	.80707	10.770	.17492	1.5270	.26725	1.6554

#1	10.816	.33122	.26158	5.0736	2.7864	.56630	.16704
#2	10.598	.33329	.26045	5.0560	2.8295	.56430	.16631
#3	10.805	.33656	.31292	5.0630	2.7444	.56334	.17146

Sample Name: K2842-02MSD Acquired: 5/14/2019 17:48:13 Type: Unk
Method: P4-ICP2(v3119) 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	.16651	4.917	.26911	1.9307	F<.00000
Stddev	.00119	.005	.00140	.1373	.15116
%RSD	.71515	.1105	.51999	7.1105	10.587

#1	.16731	4.923	.27063	1.7841	-1.3460
#2	.16514	4.914	.26882	1.9519	-1.3351
#3	.16709	4.914	.26788	2.0562	-1.6022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4510.3	50397.	3700.2	66.921	4624.5
Stddev	6.9	267.	9.6	2.266	3.1
%RSD	.15264	.52937	.26035	3.3855	.06799

#1	4517.8	50365.	3702.0	65.039	4622.7
#2	4504.3	50678.	3689.8	69.436	4622.7
#3	4508.7	50148.	3708.8	66.289	4628.2

Sample Name: K2842-02A Acquired: 5/14/2019 17:52:19 Type: Unk
Method: P4-ICP2(v3119) 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	.68706	1.7194	.85174	1.8082	.66021	1.7199	.18271
Stddev	.00163	.0076	.00287	.0075	.00248	.0092	.00285
%RSD	.23728	.43886	.33682	.41698	.37549	.53228	1.5585

#1	.68541	1.7152	.85186	1.8116	.65828	1.7245	.18277
#2	.68867	1.7281	.85455	1.8134	.66301	1.7258	.18553
#3	.68709	1.7148	.84882	1.7995	.65935	1.7094	.17984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17735	.17170	18.538	.34890	.16811	.26881	2.6763
Stddev	.00047	.00064	.038	.00149	.00071	.00121	.0086
%RSD	.26251	.37191	.20340	.42617	.42151	.45025	.32010

#1	.17768	.17179	18.500	.34846	.16816	.26860	2.6668
#2	.17755	.17228	18.540	.35056	.16879	.27011	2.6789
#3	.17681	.17102	18.575	.34769	.16738	.26772	2.6833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17937	9.4185	.41985	.06118	54.732	.26133	.17644
Stddev	.00075	.0253	.00155	.00033	.268	.00060	.00067
%RSD	.41544	.26864	.36838	.54306	.48941	.23059	.38102

#1	.17984	9.4138	.42035	.06080	54.922	.26080	.17639
#2	.17976	9.4459	.42108	.06135	54.849	.26199	.17713
#3	.17851	9.3960	.41811	.06140	54.426	.26121	.17579

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.756	.33368	.27463	5.0136	2.7507	.56575	.16622
Stddev	.084	.00073	.02418	.0335	.0219	.00302	.00232
%RSD	.77785	.21917	8.8044	.66717	.79601	.53417	1.3963

#1	10.809	.33425	.24674	4.9802	2.7437	.56717	.16389
#2	10.799	.33392	.28748	5.0471	2.7332	.56781	.16625
#3	10.659	.33285	.28967	5.0135	2.7753	.56228	.16853

Sample Name: K2842-02A Acquired: 5/14/2019 17:52:19 Type: Unk
Method: P4-ICP2(v3119) 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	.16388	4.948	.26724	2.0539	F<.00000
Stddev	.00149	.019	.00114	.0817	.49108
%RSD	.91159	.3802	.42743	3.9790	35.830
#1	.16538	4.938	.26726	2.0166	-.92168
#2	.16387	4.970	.26608	1.9974	-1.8951
#3	.16239	4.937	.26837	2.1476	-1.2950
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4528.4	50408.	3713.8	68.484	4647.4
Stddev	7.6	33.	36.8	1.368	5.4
%RSD	.16787	.06486	.99150	1.9969	.11613
#1	4533.2	50422.	3724.5	70.050	4653.7
#2	4532.5	50370.	3744.1	67.520	4644.7
#3	4519.7	50430.	3672.9	67.884	4644.0

Sample Name: CCV06 Acquired: 5/14/2019 17:56:25 Type: Unk
Method: P4-ICP2(v3119) 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	5.0431	5.0458	5.0055	5.0187	5.0136	10.024	10.037	.25110
Stddev	.0036	.0089	.0082	.0257	.0177	.072	.045	.00058
%RSD	.07126	.17721	.16324	.51177	.35249	.72034	.44719	.22984
#1	5.0433	5.0554	5.0150	5.0477	5.0339	9.9692	10.020	.25048
#2	5.0394	5.0442	5.0013	4.9988	5.0018	9.9965	10.088	.25119
#3	5.0466	5.0378	5.0004	5.0096	5.0050	10.106	10.004	.25162
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5120	25.365	1.0072	2.4839	1.2594	5.0594	2.5454	24.769
Stddev	.0028	.235	.0021	.0030	.0017	.0072	.0036	.127
%RSD	.11313	.92683	.20657	.12106	.13738	.14178	.14187	.51173
#1	2.5152	25.125	1.0068	2.4873	1.2612	5.0564	2.5412	24.643
#2	2.5103	25.595	1.0054	2.4828	1.2578	5.0676	2.5475	24.768
#3	2.5103	25.373	1.0095	2.4816	1.2591	5.0542	2.5474	24.896
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4890	1.2575	24.618	2.5125	2.4988	24.806	5.0675	4.9900
Stddev	.0022	.0017	.059	.0028	.0032	.091	.0089	.0421
%RSD	.08734	.13579	.24121	.11258	.12834	.36608	.17513	.84458
#1	2.4912	1.2595	24.550	2.5093	2.5012	24.705	5.0774	4.9456
#2	2.4888	1.2569	24.660	2.5145	2.5001	24.881	5.0650	4.9948
#3	2.4869	1.2563	24.643	2.5138	2.4952	24.831	5.0603	5.0295
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9669	5.0041	5.0080	5.0914	4.9843	5.042	5.1062	F 2.7569
Stddev	.0084	.0253	.0099	.0271	.0327	.012	.0338	.0498
%RSD	.16907	.50618	.19754	.53313	.65532	.2461	.66163	1.8051
#1	4.9753	4.9809	5.0143	5.0601	4.9496	5.055	5.0755	2.8144
#2	4.9668	5.0311	5.0132	5.1092	5.0145	5.042	5.1424	2.7283
#3	4.9585	5.0003	4.9966	5.1048	4.9888	5.030	5.1006	2.7281

Sample Name: CCV06 Acquired: 5/14/2019 17:56:25 Type: Unk
Method: P4-ICP2(v3119) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4744
Stddev .2348
%RSD 15.926

#1 1.2633
#2 1.4326
#3 1.7273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4317.2	47799.	3555.2	62.810	4258.2
Stddev	11.9	177.	22.7	1.219	8.0
%RSD	.27677	.36989	.63888	1.9413	.18757

#1	4305.1	47614.	3546.4	64.153	4251.6
#2	4317.6	47816.	3538.3	62.504	4255.8
#3	4329.0	47967.	3581.0	61.773	4267.1

Sample Name: CCB06 Acquired: 5/14/2019 18:00:28 Type: Unk
Method: P4-ICP2(v3119) 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	.00062	.00084	.00199	-.00032	.00061	.00156	.00056
Stddev	.00117	.00131	.00081	.00337	.00067	.01126	.00019
%RSD	187.29	155.88	40.741	1056.3	110.07	720.34	34.731

#1	.00140	.00160	.00115	-.00091	.00067	-.00417	.00055
#2	-.00072	-.00067	.00277	-.00335	.00124	.01453	.00075
#3	.00119	.00160	.00204	.00330	-.00009	-.00567	.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	.00989	-.00027	-.00000	-.00084	.00069
Stddev	.00007	.00004	.00548	.00061	.00026	.00013	.00061
%RSD	101.64	168.37	55.402	227.92	11738.	15.159	89.157

#1	.00016	-.00002	.01451	-.00034	-.00028	-.00089	.00033
#2	.00005	.00005	.01131	.00038	.00003	-.00094	.00034
#3	.00001	.00005	.00384	-.00084	.00024	-.00070	.00139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00084	-.00070	-.00014	.10856	.00039	-.00001
Stddev	.00006	.03770	.00016	.00044	.01069	.00014	.00006
%RSD	103.38	4466.9	22.346	322.18	9.8519	36.316	452.21

#1	.00013	-.01789	-.00053	-.00001	.09873	.00031	.00003
#2	.00002	-.02382	-.00072	-.00062	.10699	.00055	.00001
#3	.00003	.04424	-.00084	.00022	.11995	.00031	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10116	.00086	.00494	F .00752	.00454	.00011	.00202
Stddev	.02604	.00004	.00328	.00249	.00099	.00010	.00180
%RSD	25.738	4.7965	66.298	33.078	21.788	91.278	89.436

#1	.07697	.00089	.00838	.00503	.00347	.00013	.00143
#2	.09780	.00086	.00186	.00752	.00473	.00000	.00058
#3	.12872	.00081	.00459	.01001	.00543	.00021	.00404

Sample Name: CCB06 Acquired: 5/14/2019 18:00:28 Type: Unk
Method: P4-ICP2(v3119) 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	.00192	-.0005	.00003	F 1.7189	F<.00000
Stddev	.00246	.0011	.00008	.1329	.33918
%RSD	127.97	211.7	271.32	7.7301	27.913

#1	-.00045	-.0014	.00004	1.5735	-1.2800
#2	.00175	.0008	.00010	1.7490	-1.5172
#3	.00447	-.0010	-.00006	1.8341	-.84821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4530.6	50744.	3602.1	65.744	4827.0
Stddev	5.8	136.	11.5	2.977	1.5
%RSD	.12693	.26777	.32000	4.5274	.03133

#1	4534.2	50649.	3604.7	67.983	4825.8
#2	4524.0	50682.	3612.1	66.883	4826.5
#3	4533.6	50899.	3589.5	62.367	4828.7