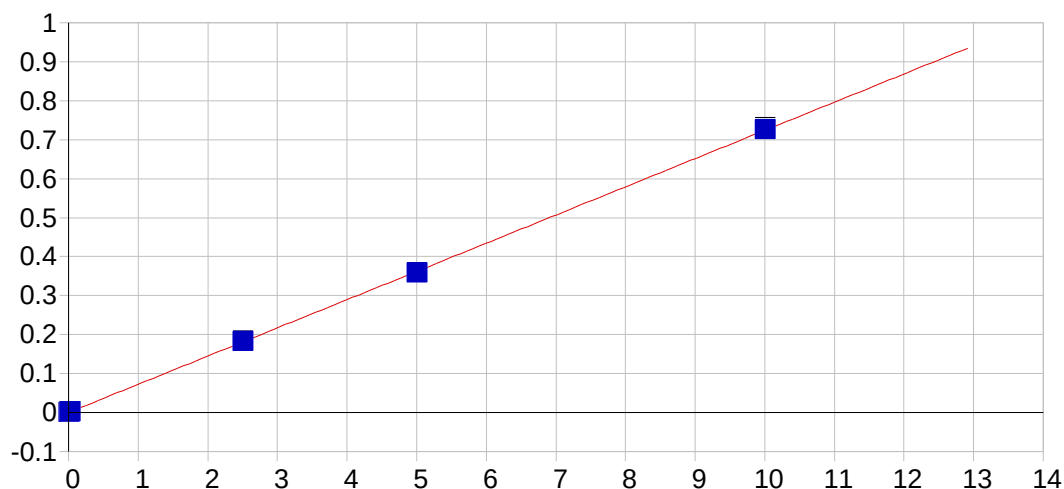




As 189.042 {478}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000138

Re-Slope: 1.000000

A1 (Gain): 0.072377

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

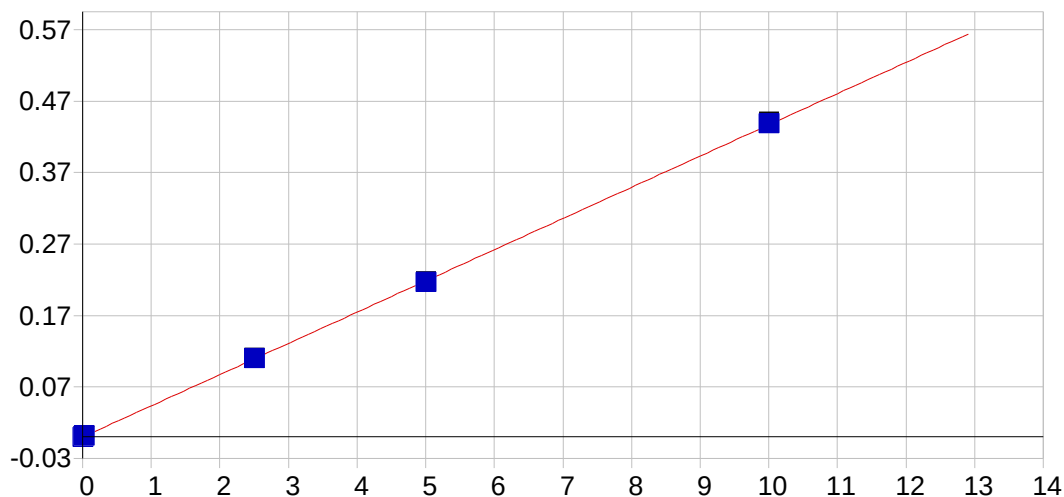
Status: OK.

Std Error of Est: 0.000013

Predicted MDL: 0.002135

Predicted MQL: 0.007118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.02000	.02063	.001	3.17	.00163	.000	1
S3	2.5000	2.5201	.020	.803	.18252	.000	1
S4	5.0000	4.9418	-.058	-1.16	.35779	.000	1
S5	10.000	10.038	.038	.375	.72658	.004	1



As 189.042 {479}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

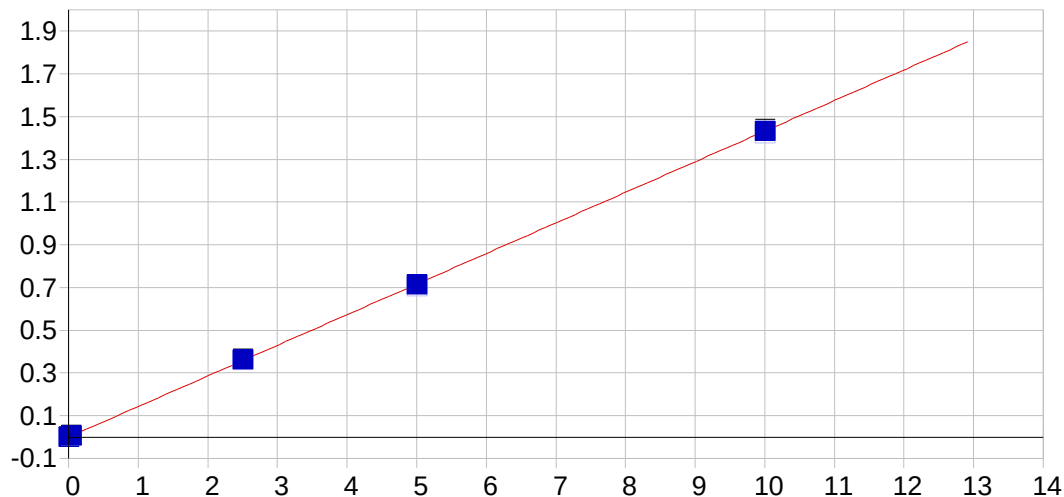
Weighting: 1/Conc

A0 (Offset): -0.000052

Re-Slope: 1.000000

A1 (Gain): 0.043685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002260
 Predicted MQL: 0.007532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02172	.002	8.60	.00090	.000	1
S3	2.5000	2.5129	.013	.516	.10972	.000	1
S4	5.0000	4.9567	-.043	-.866	.21648	.000	1
S5	10.000	10.029	.029	.287	.43805	.002	1

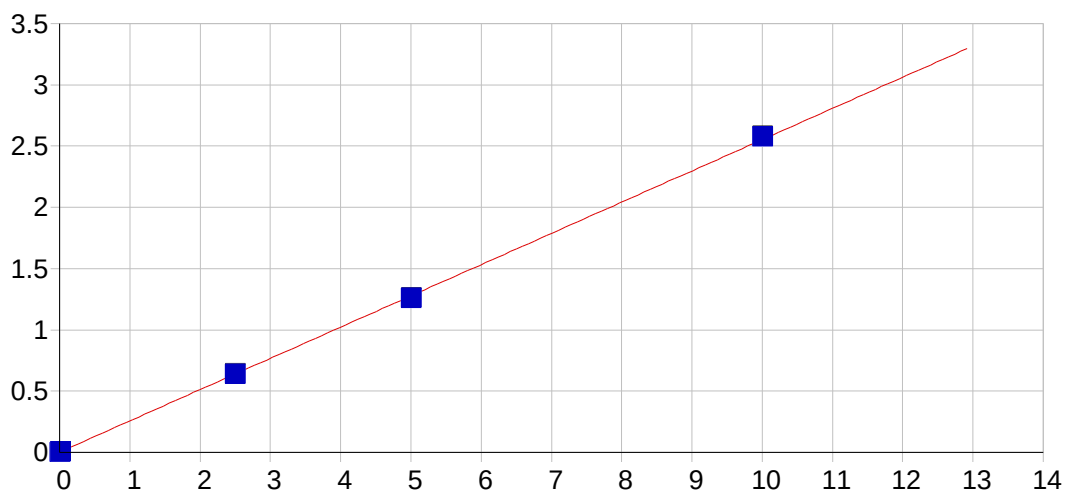


TI 190.856 {477}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000195 Re-Slope: 1.000000
 A1 (Gain): 0.143252 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000906
 Predicted MQL: 0.003020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.04000	.04431	.004	10.8	.00600	.000	1
S3	2.5000	2.5335	.034	1.34	.35906	.001	1
S4	5.0000	4.9639	-.036	-.722	.70355	.001	1
S5	10.000	9.9984	-.002	-.016	1.4174	.007	1

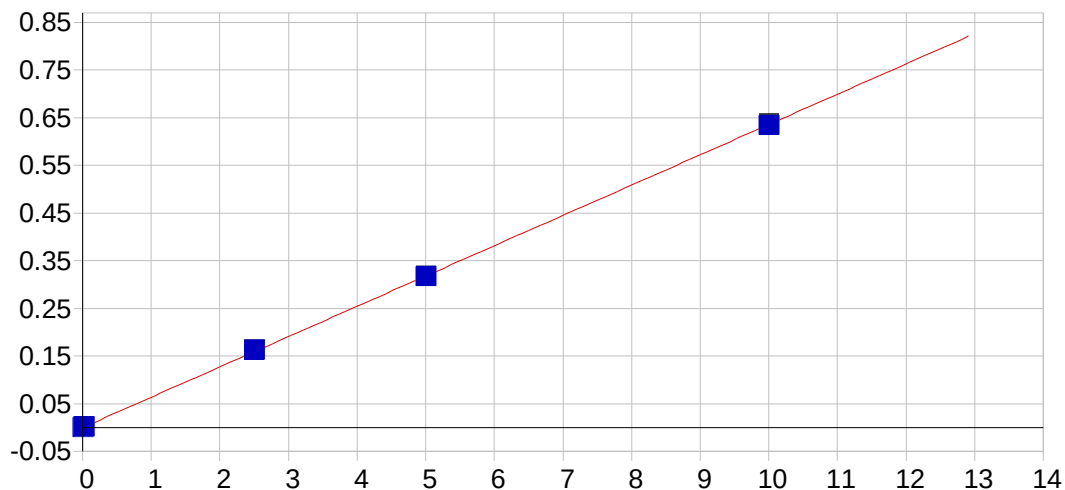


Pb 220.353 {453}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002391 Re-Slope: 1.000000
 A1 (Gain): 0.255012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000791
 Predicted MQL: 0.002635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00239	.000	1
S1	.01200	.01265	.001	5.41	.00556	.000	1
S3	2.5000	2.4954	-.005	-.185	.63788	.002	1
S4	5.0000	4.9187	-.081	-1.63	1.2550	.001	1
S5	10.000	10.085	.085	.853	2.5708	.005	1



Se 196.090 {472}

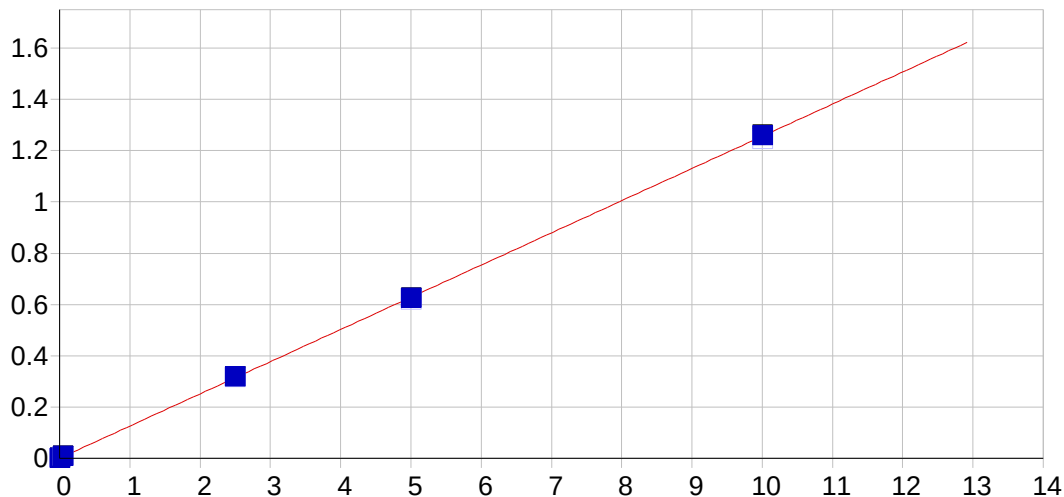
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.063586 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000014
 Predicted MDL: 0.002336
 Predicted MQL: 0.007788

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02324	.003	16.2	.00141	.000	1
S3	2.5000	2.5459	.046	1.84	.16178	.000	1
S4	5.0000	4.9760	-.024	-.481	.31627	.000	1
S5	10.000	9.9749	-.025	-.251	.63406	.002	1



Sb 206.833 {463}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

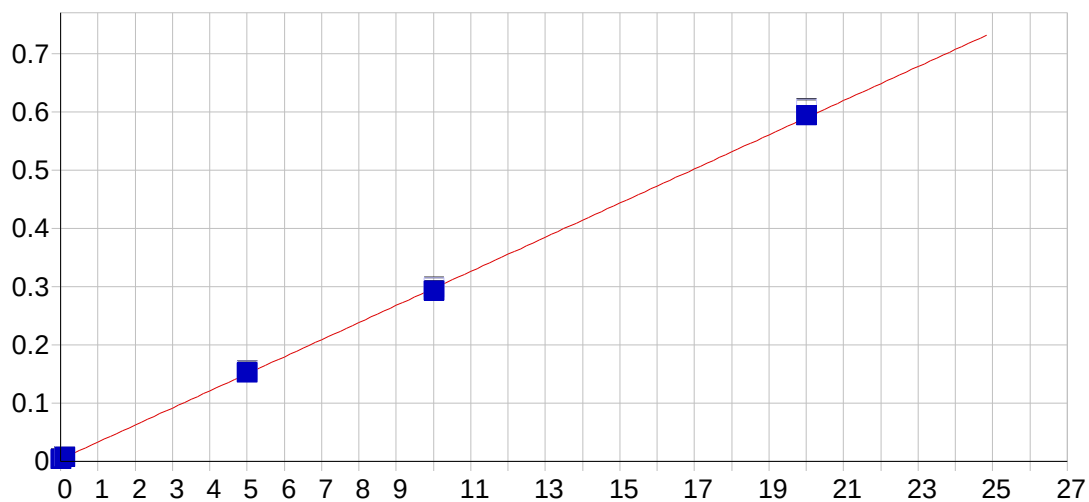
Weighting: 1/Conc

A0 (Offset): 0.000316
 A1 (Gain): 0.125577
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000028
 Predicted MDL: 0.001418
 Predicted MQL: 0.004726

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	.00032	.000	1
S1	.05000	.05187	.002	3.75	.00667	.000	1
S3	2.5000	2.5258	.026	1.03	.31397	.000	1
S4	5.0000	4.9653	-.035	-.694	.61678	.001	1
S5	10.000	10.007	.007	.070	1.2428	.005	1

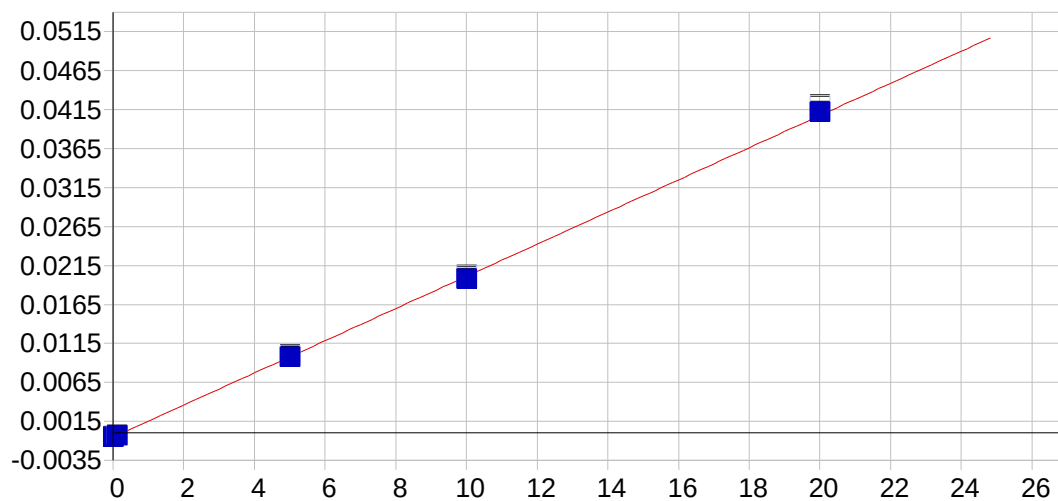


AI 308.215 {109}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003722 Re-Slope: 1.000000
 A1 (Gain): 0.029306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002571
 Predicted MQL: 0.008569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00372	.000	1
S1	.10000	.11527	.015	15.3	.00730	.000	1
S3	5.0000	5.0474	.047	.948	.15456	.000	1
S4	10.000	9.8384	-.162	-1.62	.29788	.001	1
S5	20.000	20.098	.098	.491	.60438	.001	1



AI 309.271 {109}

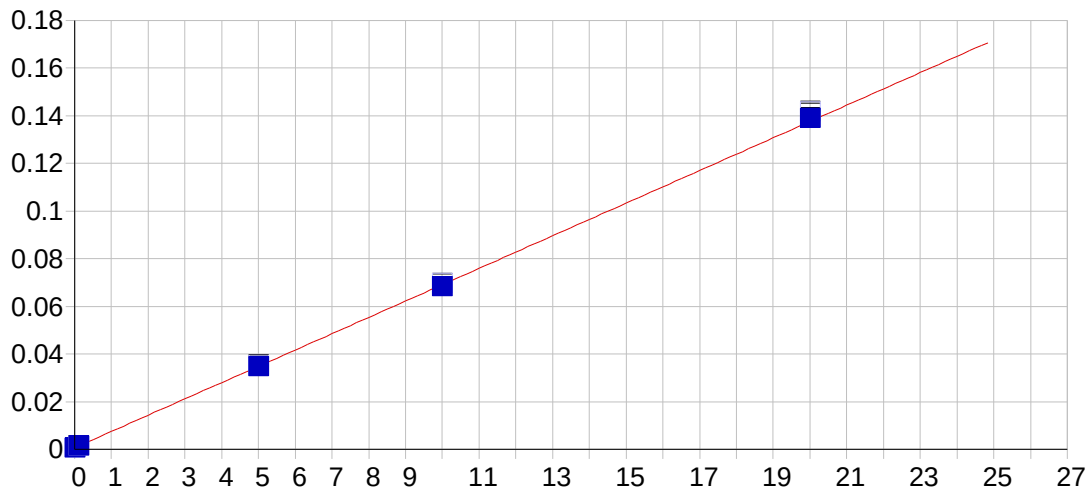
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000539 Re-Slope: 1.000000
 A1 (Gain): 0.002065 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000002
 Predicted MDL: 0.025919
 Predicted MQL: 0.086396

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.10000	.09685	-.003	-3.15	-.00032	.000	1
S3	5.0000	4.9748	-.025	-.504	.00994	.000	1
S4	10.000	9.8279	-.172	-1.72	.02016	.000	1
S5	20.000	20.201	.201	1.00	.04199	.000	1



AI 396.152 { 85}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

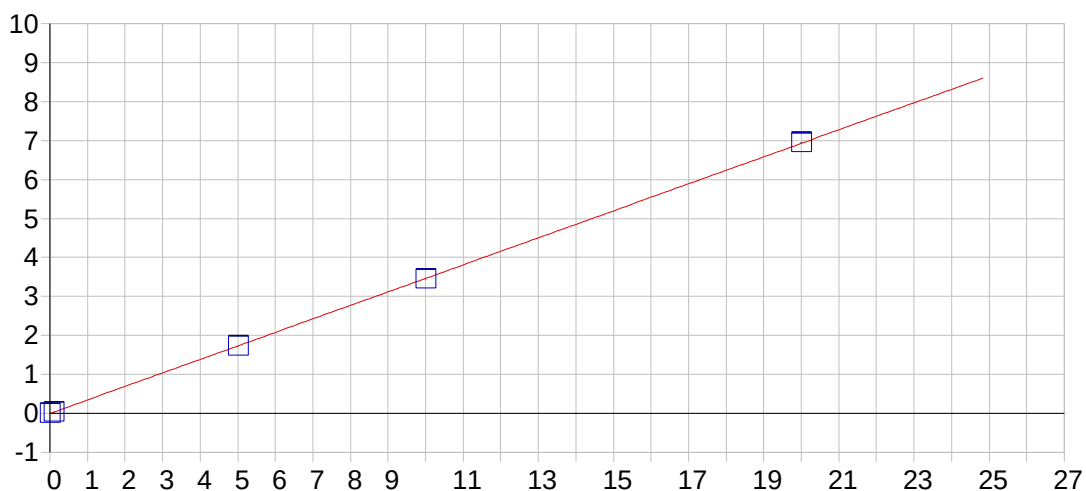
Weighting: 1/Conc

A0 (Offset): 0.000610
 A1 (Gain): 0.006849
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000006
 Predicted MDL: 0.011886
 Predicted MQL: 0.039619

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.10000	.10581	.006	5.81	.00138	.000	1
S3	5.0000	4.9642	-.036	-.716	.03529	.000	1
S4	10.000	9.8584	-.142	-1.42	.06950	.000	1
S5	20.000	20.171	.171	.857	.14150	.000	1

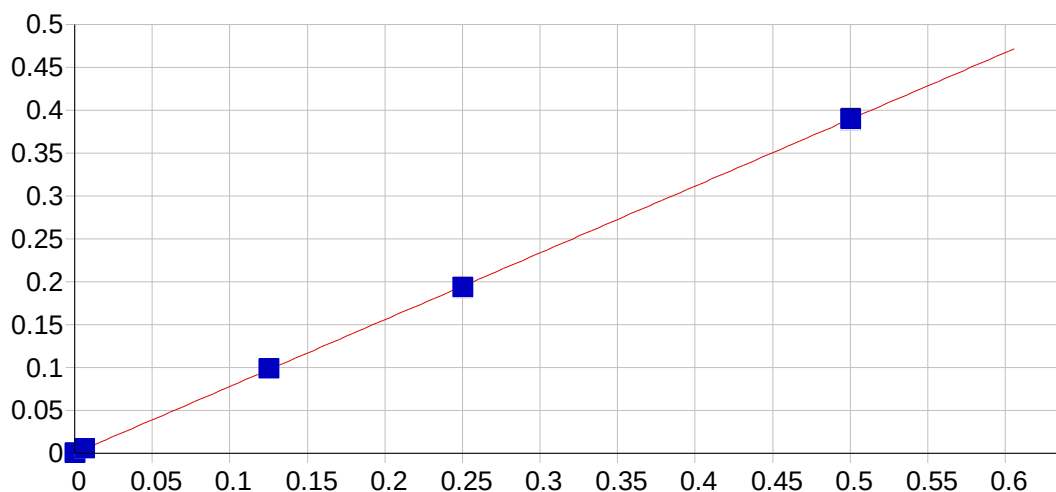


Ba 493.409 { 68}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001097 Re-Slope: 1.000000
 A1 (Gain): 0.346531 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.000512
 Predicted MQL: 0.001706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00110	.000	1
S1	.10000	.10408	.004	4.08	.03497	.000	1
S3	5.0000	5.0028	.003	.057	1.7325	.013	1
S5	20.000	20.046	.046	.232	6.9456	.019	1
S4	10.000	9.9466	-.053	-.534	3.4457	.008	1



Be 234.861 {144}

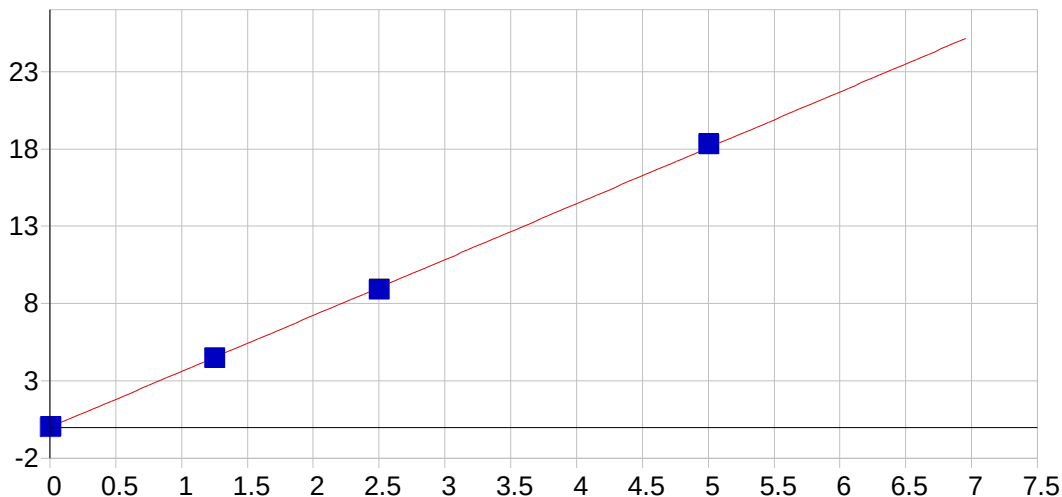
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.778767 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000022
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00655	.001	9.11	.00511	.000	1
S3	.12500	.12635	.001	1.08	.09785	.000	1
S4	.25000	.24795	-.002	-.819	.19193	.000	1
S5	.50000	.50015	.000	.031	.38712	.001	1



Cd 226.502 {449}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

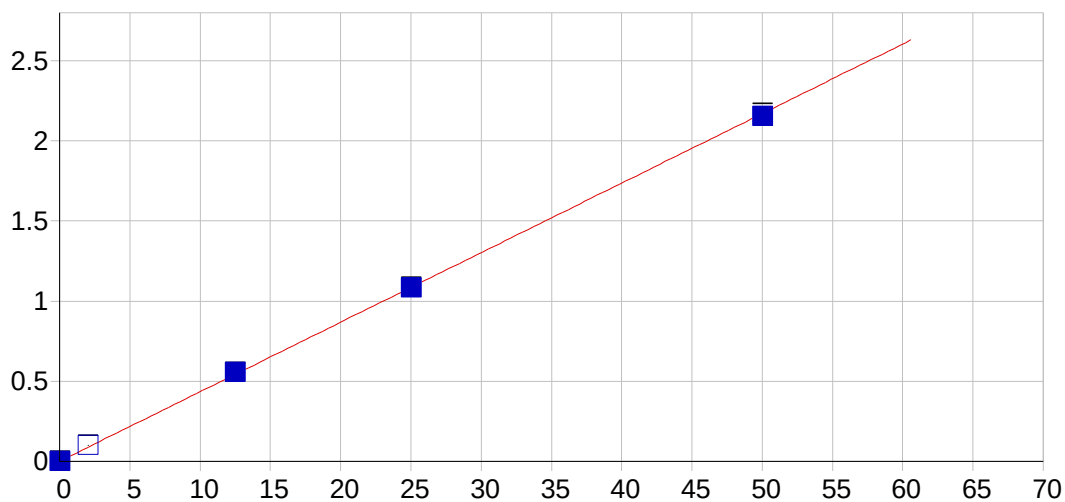
Weighting: 1/Conc

A0 (Offset): 0.000053
 A1 (Gain): 3.614579
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000435
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

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	.00005	.000	1
S1	.00600	.00608	.000	1.41	.02209	.000	1
S3	1.2500	1.2345	-.015	-1.24	4.4634	.007	1
S4	2.5000	2.4600	-.040	-1.60	8.8939	.008	1
S5	5.0000	5.0554	.055	1.11	18.277	.038	1

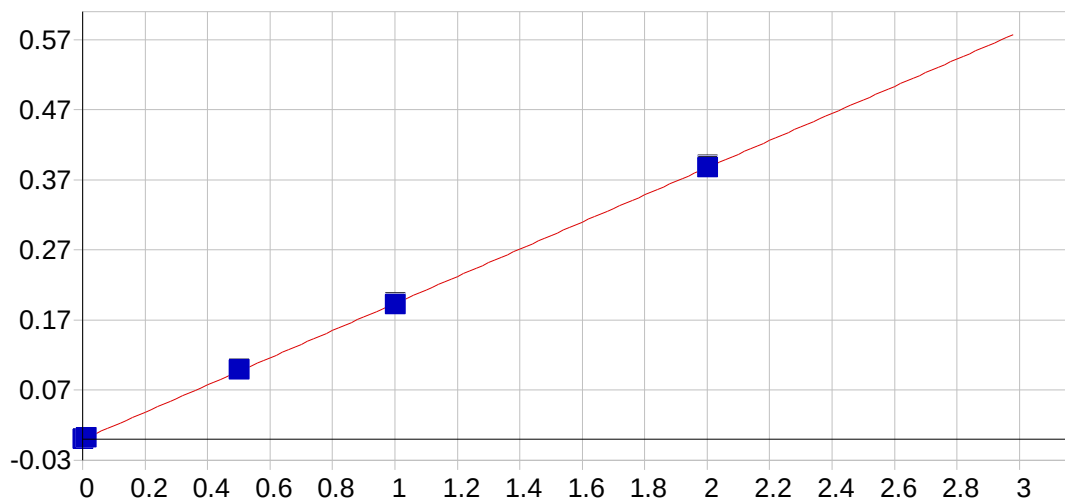


Ca 373.690 { 90}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000691 Re-Slope: 1.000000
 A1 (Gain): 0.043399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000543
 Predicted MDL: 0.015194
 Predicted MQL: 0.050647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2780	.278	13.9	.09955	.001	1
S0	.00000	-.00029	-.000	.000	.00068	.000	1
S3	12.500	12.738	.238	1.90	.55377	.001	1
S4	25.000	24.891	-.109	-.434	1.0815	.005	1
S5	50.000	49.593	-.407	-.814	2.1541	.018	1



Cr 267.716 {126}

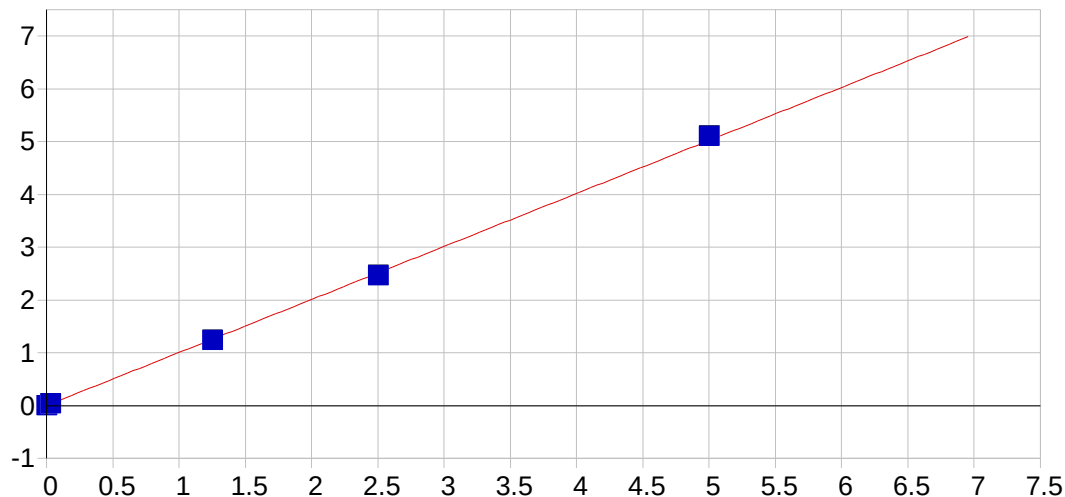
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.193716 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000013
 Predicted MDL: 0.000367
 Predicted MQL: 0.001222

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01049	.000	4.88	.00198	.000	1
S3	.50000	.50965	.010	1.93	.09943	.000	1
S4	1.0000	.99230	-.008	-.770	.19369	.001	1
S5	2.0000	1.9976	-.002	-.122	.38994	.001	1



Co 228.616 {447}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

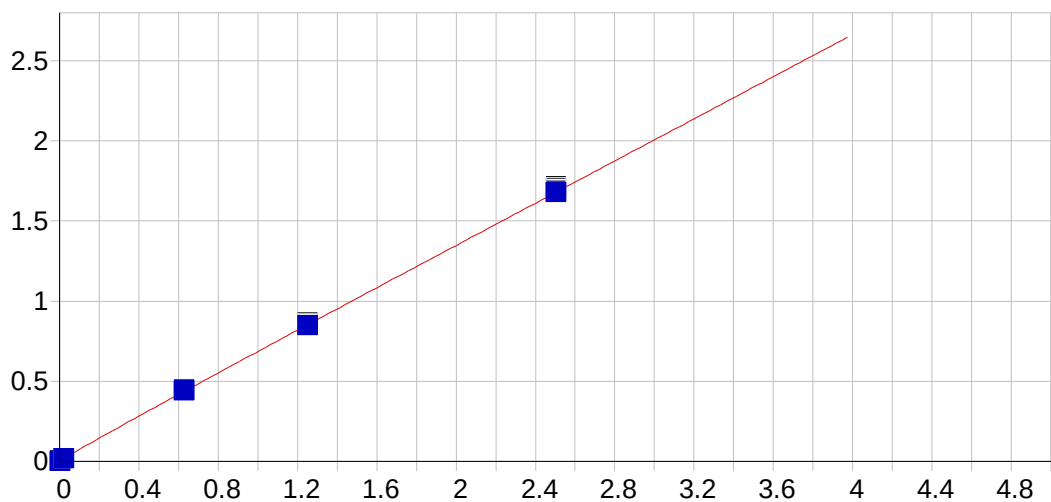
Weighting: 1/Conc

A0 (Offset): -0.000281
 A1 (Gain): 1.004607
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000357
 Predicted MDL: 0.000192
 Predicted MQL: 0.000642

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	-.00028	.000	1
S1	.03000	.02960	-.000	-1.34	.02925	.000	1
S3	1.2500	1.2276	-.022	-1.79	1.2339	.002	1
S4	2.5000	2.4492	-.051	-2.03	2.4622	.003	1
S5	5.0000	5.0736	.074	1.47	5.1007	.009	1

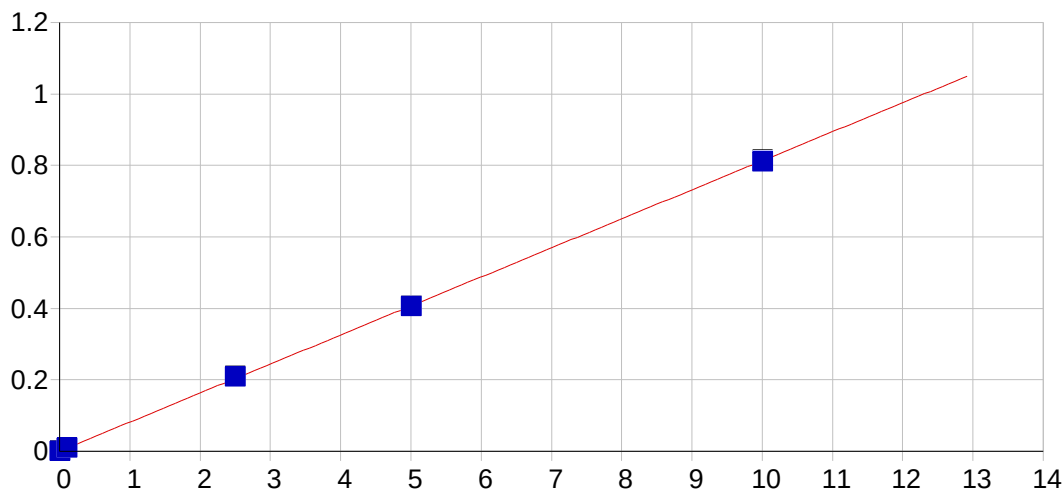


Cu 224.700 {450}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001984 Re-Slope: 1.000000
 A1 (Gain): 0.680082 Y-int: 0.000000
 A2 (Curvature): 0.003602
 n (Exponent): 0.970000
 Correlation: 0.999987 Status: Warning Positive Curvature
 Std Error of Est: 0.000074
 Predicted MDL: 0.000365
 Predicted MQL: 0.001218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00198	.000	1
S1	.02000	.01965	-.000	-1.74	.01723	.000	1
S3	.62500	.63090	.006	.944	.44536	.001	1
S4	1.2500	1.2417	-.008	-.667	.86017	.002	1
S5	2.5000	2.5027	.003	.110	1.7067	.006	1



Fe 240.488 {140}

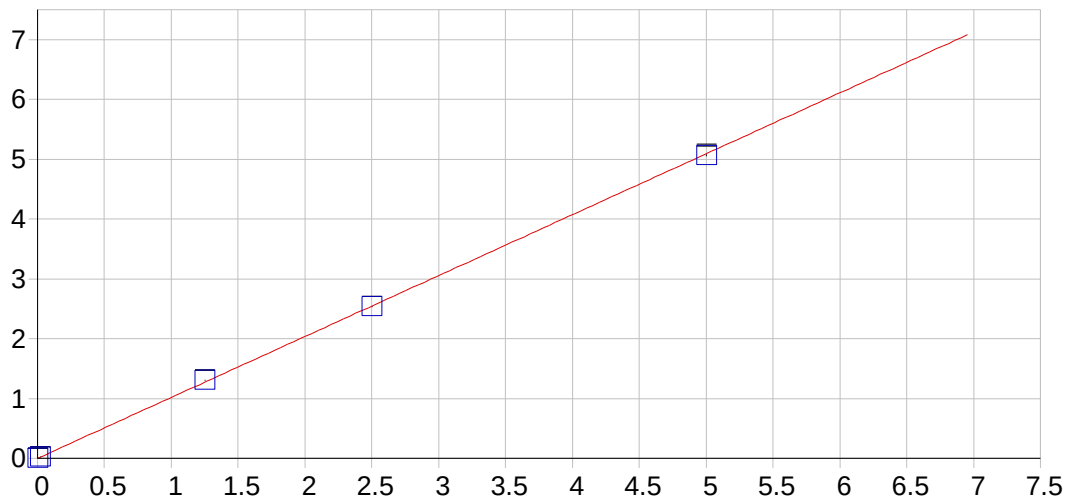
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000575 Re-Slope: 1.000000
 A1 (Gain): 0.081240 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000051
 Predicted MDL: 0.000667
 Predicted MQL: 0.002224

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00057	.000	1
S1	.10000	.10898	.009	8.98	.00947	.000	1
S3	2.5000	2.5555	.056	2.22	.20895	.000	1
S4	5.0000	4.9684	-.032	-.631	.40573	.000	1
S5	10.000	9.9670	-.033	-.330	.81333	.001	1



Mn 257.610 {131}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

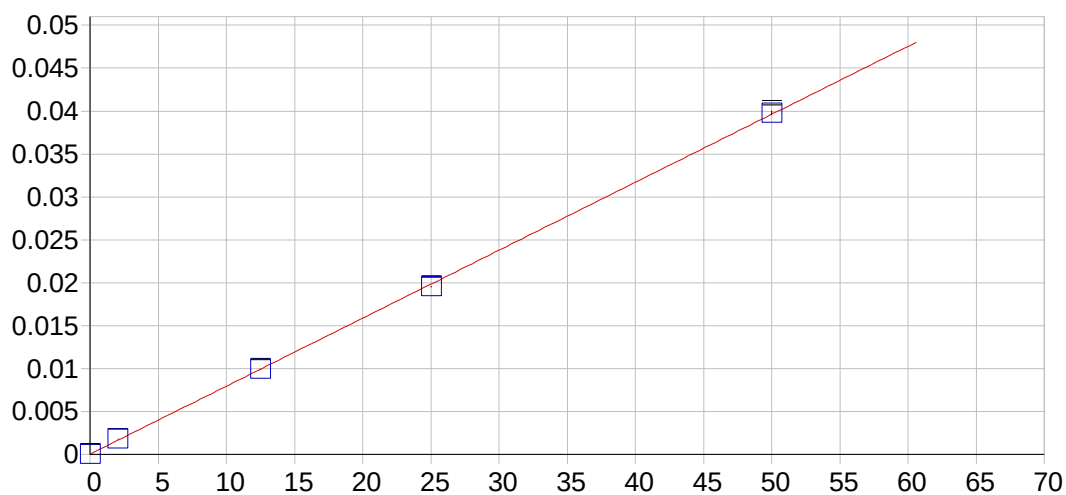
Weighting: 1/Conc

A0 (Offset): 0.000219
 A1 (Gain): 1.018238
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000221
 Predicted MDL: 0.000058
 Predicted MQL: 0.000193

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	.00022	.000	1
S1	.02000	.02251	.003	12.5	.02314	.000	1
S3	1.2500	1.2838	.034	2.71	1.3075	.002	1
S4	2.5000	2.4922	-.008	-.313	2.5378	.002	1
S5	5.0000	4.9715	-.029	-.570	5.0624	.015	1

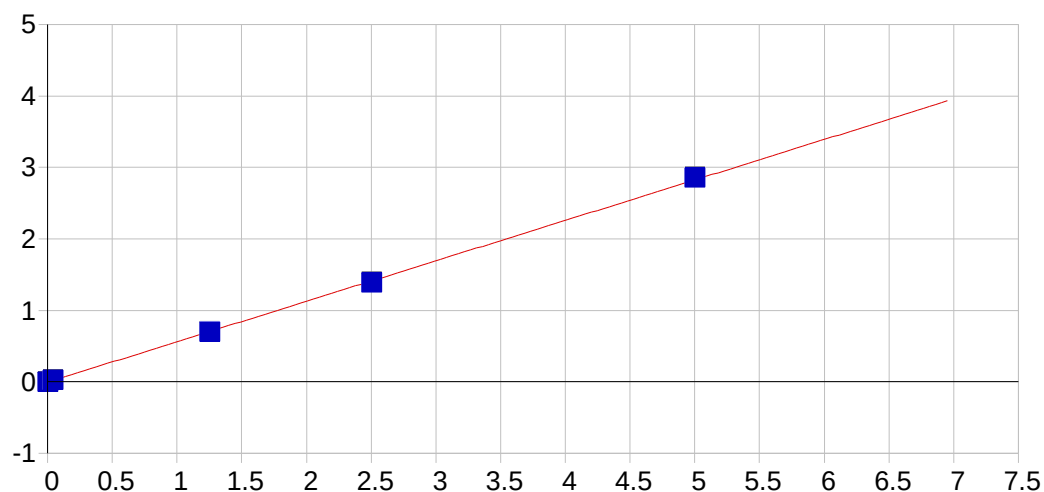


Mg 279.079 {121}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.000792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.035285
 Predicted MQL: 0.117617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2243	.224	11.2	.00180	.000	1
S0	.00000	-.00020	-.000	.000	.00003	.000	1
S3	12.500	12.453	-.047	-.380	.00989	.000	1
S4	25.000	24.644	-.356	-1.42	.01954	.000	1
S5	50.000	50.179	.179	.358	.03976	.000	1



Ni 231.604 {445}

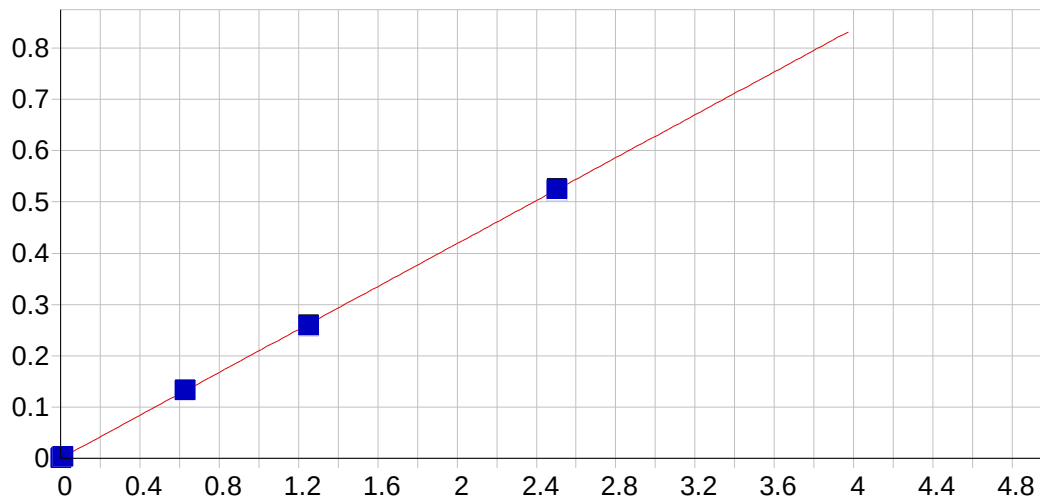
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005263 Re-Slope: 1.000000
 A1 (Gain): 0.566021 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000170
 Predicted MDL: 0.000360
 Predicted MQL: 0.001201

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00526	.000	1
S1	.04000	.04082	.001	2.06	.01786	.000	1
S3	1.2500	1.2404	-.010	-.770	.69759	.001	1
S4	2.5000	2.4573	-.043	-1.71	1.3872	.002	1
S5	5.0000	5.0515	.051	1.03	2.8571	.004	1



Ag 328.068 {103}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

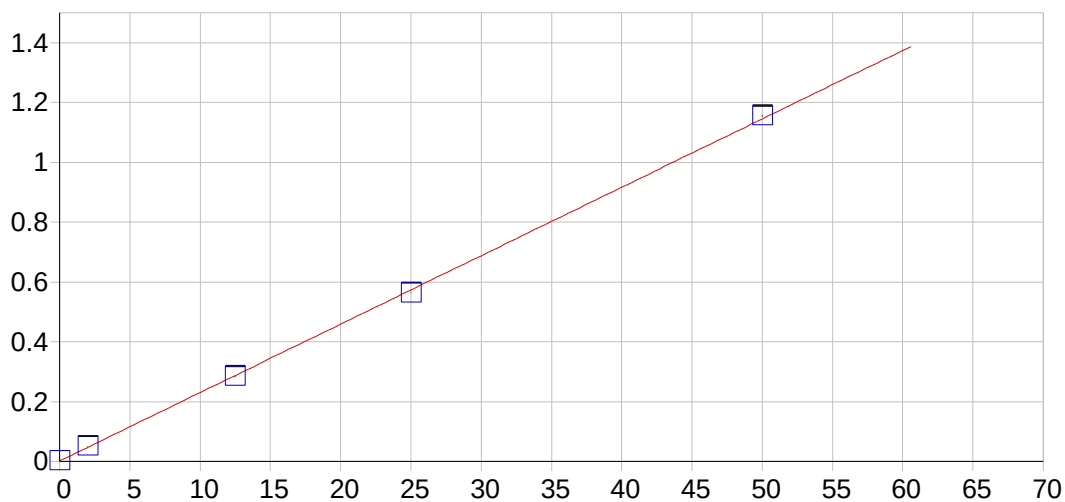
Weighting: 1/Conc

A0 (Offset): 0.000115
 A1 (Gain): 0.209339
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000017
 Predicted MDL: 0.000501
 Predicted MQL: 0.001669

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	.00011	.000	1
S1	.01000	.01105	.001	10.5	.00239	.000	1
S3	.62500	.63237	.007	1.18	.13101	.000	1
S4	1.2500	1.2357	-.014	-1.14	.25583	.001	1
S5	2.5000	2.5059	.006	.234	.51875	.001	1

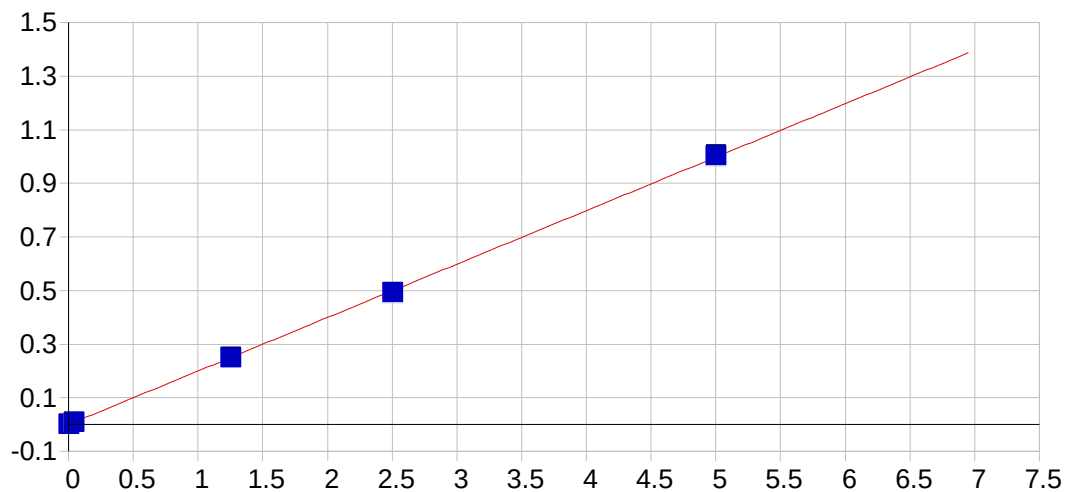


Na 589.592 { 57}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001419 Re-Slope: 1.000000
 A1 (Gain): 0.022876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000212
 Predicted MDL: 0.008973
 Predicted MQL: 0.029911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1565	.156	7.82	.05075	.000	1
S0	.00000	-.00012	-.000	.000	.00142	.000	1
S3	12.500	12.365	-.135	-1.08	.28429	.002	1
S4	25.000	24.545	-.455	-1.82	.56293	.001	1
S5	50.000	50.433	.433	.866	1.1551	.003	1



V 292.402 {115}

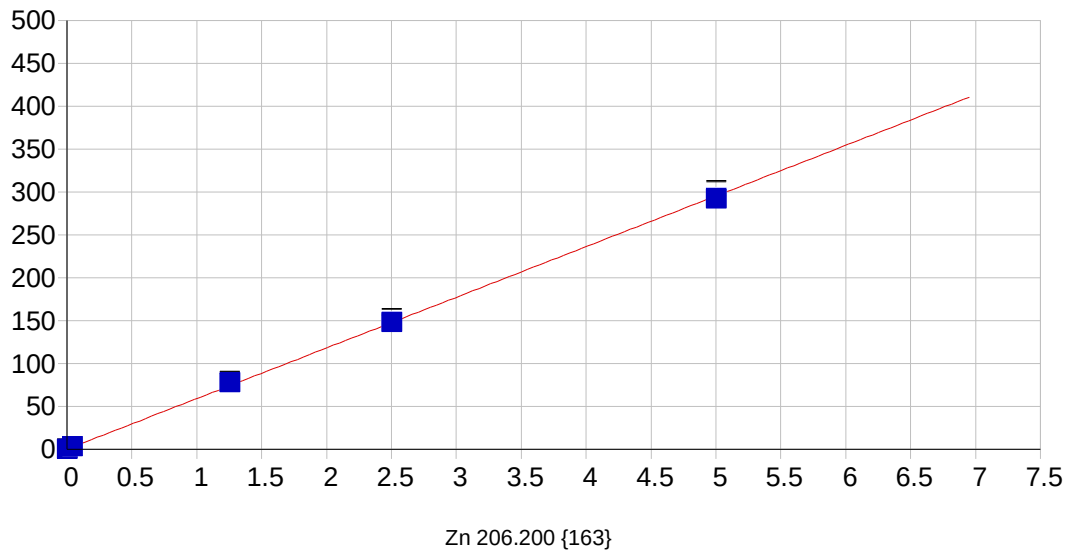
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.199523 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000046
 Predicted MDL: 0.000401
 Predicted MQL: 0.001336

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.04000	.04127	.001	3.17	.00804	.000	1
S3	1.2500	1.2522	.002	.179	.24815	.000	1
S4	2.5000	2.4636	-.036	-1.46	.48821	.001	1
S5	5.0000	5.0329	.033	.658	.99759	.001	1



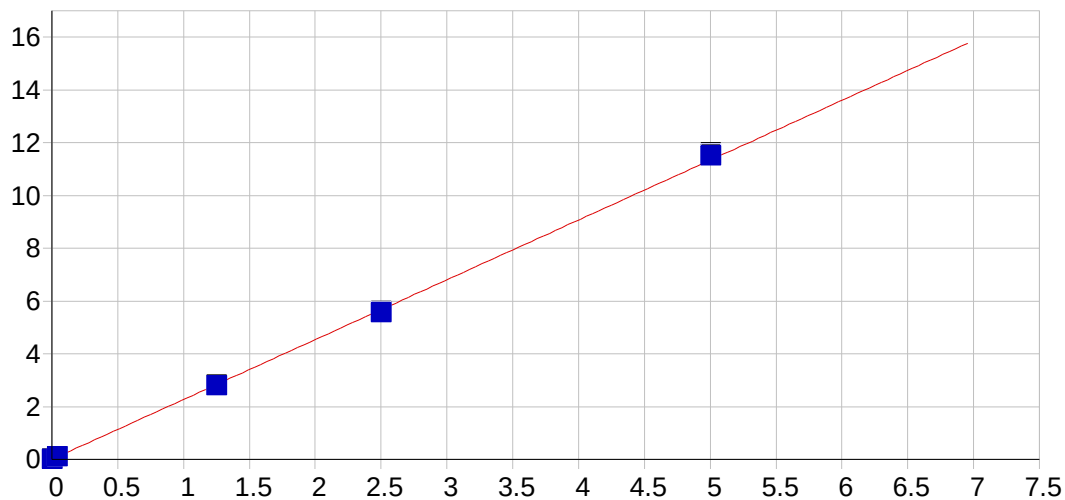
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.122831
 A1 (Gain): 59.052349
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.029017
 Predicted MDL: 0.000332
 Predicted MQL: 0.001107

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	.12256	.006	1
S1	.04000	.04317	.003	7.92	2.6875	.041	1
S3	1.2500	1.3074	.057	4.59	77.776	1.28	1
S4	2.5000	2.5001	.000	.003	148.65	3.72	1
S5	5.0000	4.9393	-.061	-1.21	293.59	8.06	1

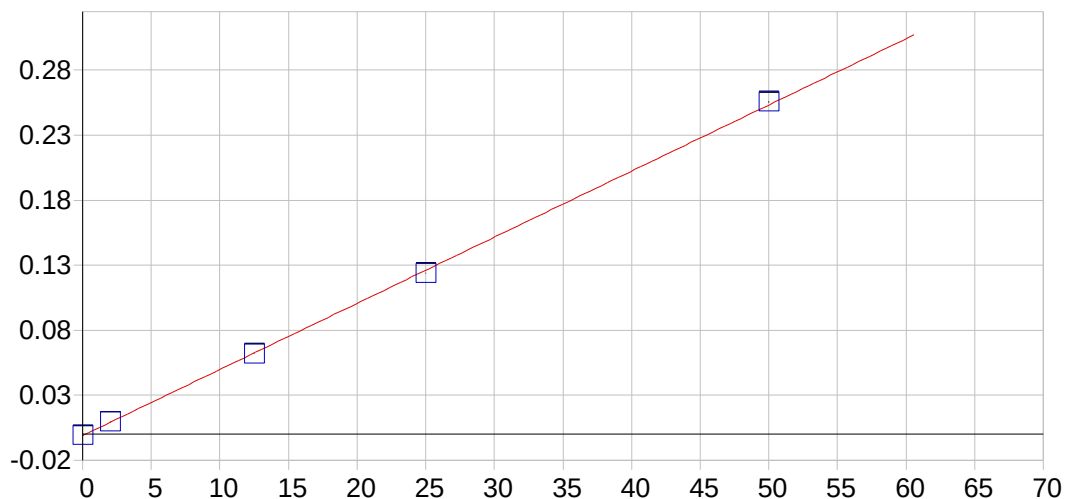


Zn 213.856 {458}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002976 Re-Slope: 1.000000
 A1 (Gain): 2.267075 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000925
 Predicted MDL: 0.000073
 Predicted MQL: 0.000244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00298	.000	1
S1	.04000	.03916	-.001	-2.11	.09238	.000	1
S3	1.2500	1.2255	-.025	-1.96	2.7993	.004	1
S4	2.5000	2.4519	-.048	-1.92	5.5979	.004	1
S5	5.0000	5.0734	.073	1.47	11.577	.034	1



K 766.490 {44}

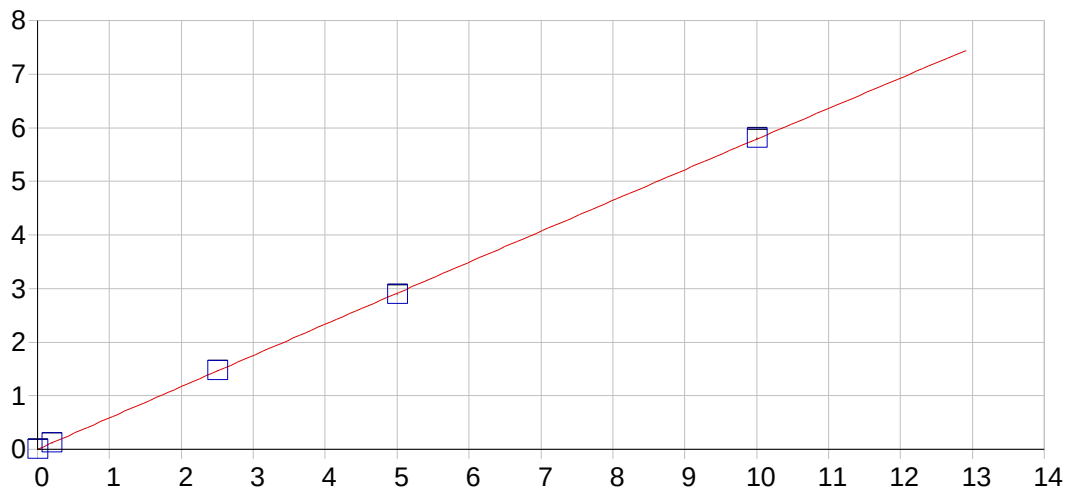
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001017 Re-Slope: 1.000000
 A1 (Gain): 0.005086 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.000038
 Predicted MDL: 0.040655
 Predicted MQL: 0.135515

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0917	.092	4.59	.00962	.000	1
S0	.00000	-.00006	-.000	.000	-.00102	.000	1
S3	12.500	12.371	-.129	-1.03	.06190	.000	1
S4	25.000	24.572	-.428	-1.71	.12395	.000	1
S5	50.000	50.465	.465	.931	.25563	.000	1



Mo 202.030 {467}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Curvilinear

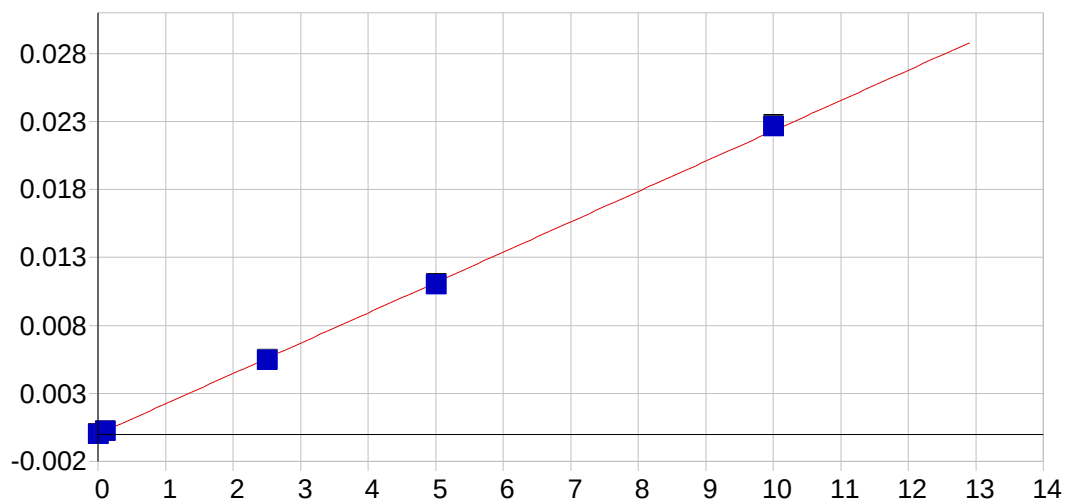
Weighting: 1/Conc

A0 (Offset): 0.000183
 A1 (Gain): 0.586393
 A2 (Curvature): -0.000768
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000460
 Predicted MDL: 0.000245
 Predicted MQL: 0.000815

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	.00018	.000	1
S1	.20000	.21196	.012	5.98	.12444	.001	1
S3	2.5000	2.5144	.014	.577	1.4698	.003	1
S4	5.0000	4.9545	-.045	-.910	2.8866	.003	1
S5	10.000	10.019	.019	.191	5.7983	.018	1

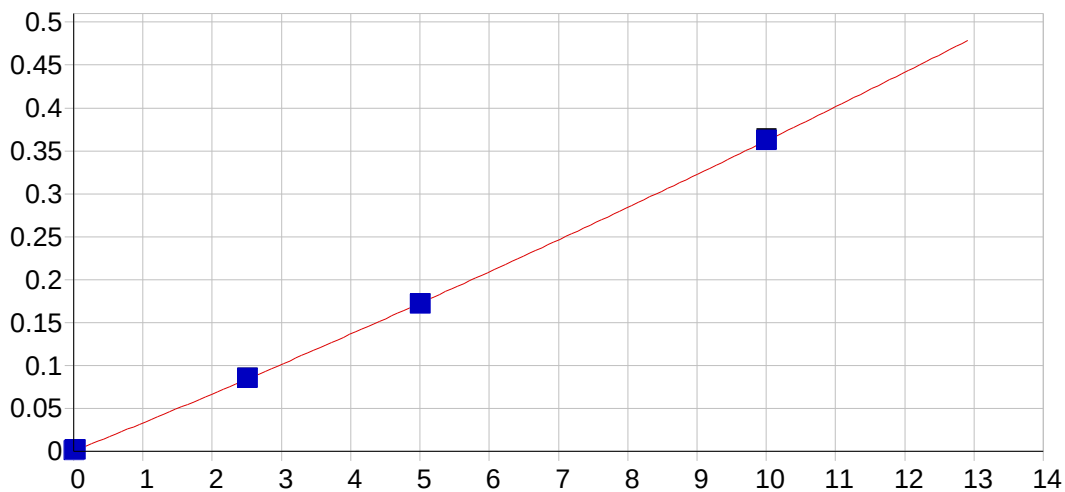


B 249.678 {135}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.002231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.010080
 Predicted MQL: 0.033600

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00000	.000	1
S1	.10000	.09512	-.005	-4.88	.00021	.000	1
S3	2.5000	2.4459	-.054	-2.16	.00544	.000	1
S4	5.0000	4.9195	-.081	-1.61	.01095	.000	1
S5	10.000	10.139	.139	1.39	.02257	.000	1



S 182.034 {485}

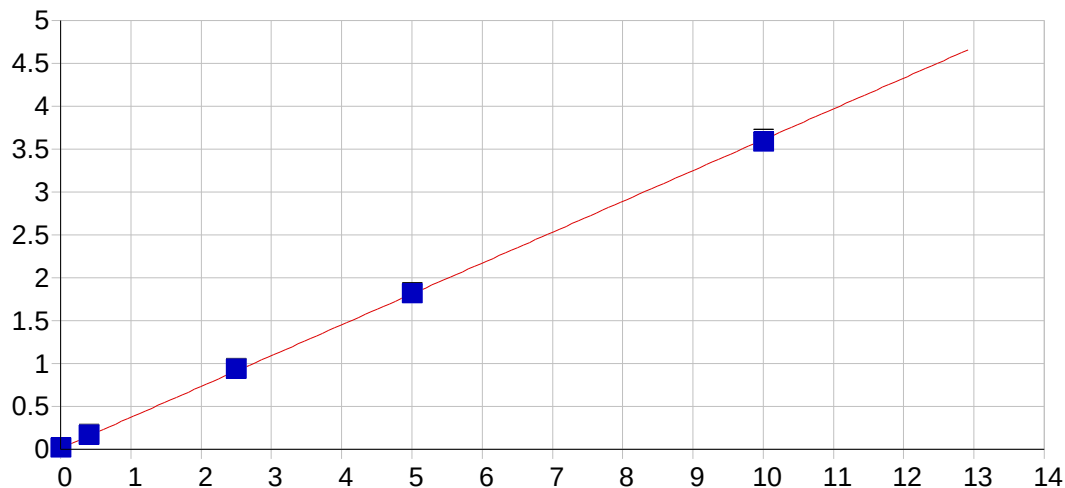
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000750 Re-Slope: 1.000000
 A1 (Gain): 0.032093 Y-int: 0.000000

A2 (Curvature): 0.000227
 n (Exponent): 1.020000
 Correlation: 0.999979
 Std Error of Est: 0.000009
 Predicted MDL: 0.002775
 Predicted MQL: 0.009249

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.02000	.01736	-.003	-13.2	.00124	.000	1
S3	2.5000	2.5251	.025	1.00	.08471	.000	1
S4	5.0000	4.9686	-.031	-.629	.17119	.000	1
S5	10.000	10.009	.009	.089	.36166	.001	1



Si 288.158 {117}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

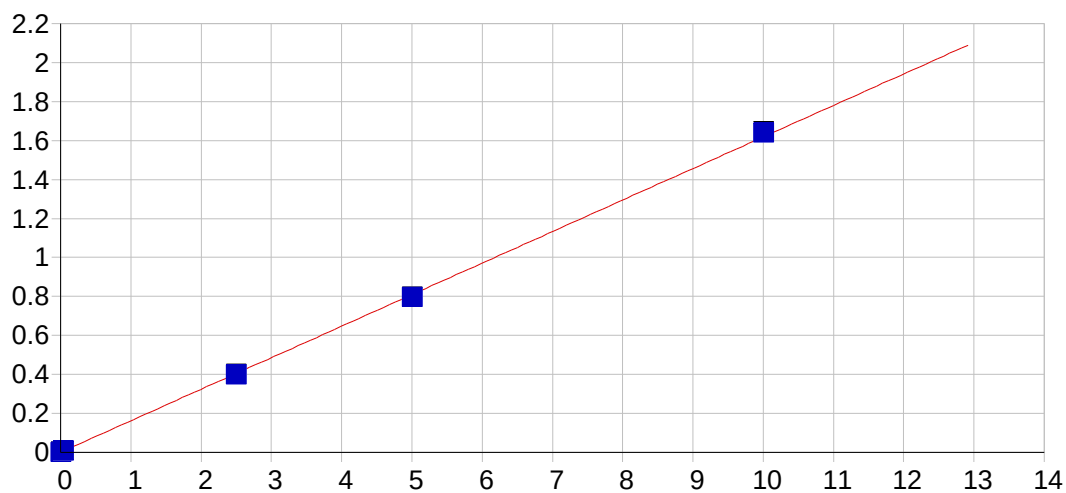
Weighting: 1/Conc

A0 (Offset): 0.012982
 A1 (Gain): 0.359699
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000557
 Predicted MDL: 0.002261
 Predicted MQL: 0.007537

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	.01297	.000	1
S1	.40000	.42619	.026	6.55	.16616	.002	1
S3	2.5000	2.5557	.056	2.23	.93178	.008	1
S4	5.0000	4.9986	-.001	-.028	1.8100	.013	1
S5	10.000	9.9195	-.080	-.805	3.5791	.034	1

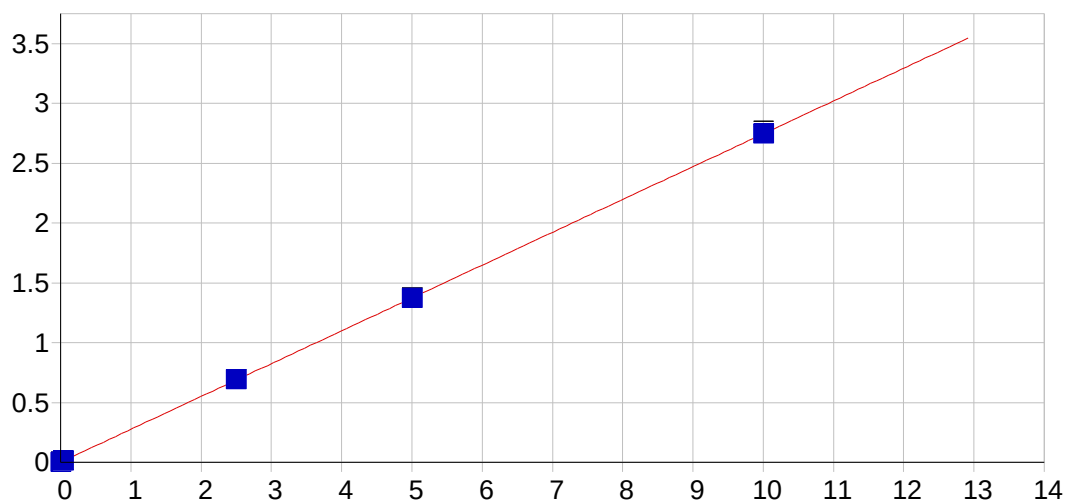


Sn 189.989 {477}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000510 Re-Slope: 1.000000
 A1 (Gain): 0.161770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000581
 Predicted MQL: 0.001937

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.04000	.03850	-.002	-3.75	.00674	.000	1
S3	2.5000	2.4616	-.038	-1.54	.39879	.000	1
S4	5.0000	4.9107	-.089	-1.79	.79506	.001	1
S5	10.000	10.129	.129	1.29	1.6394	.005	1



Ti 336.121 {100}

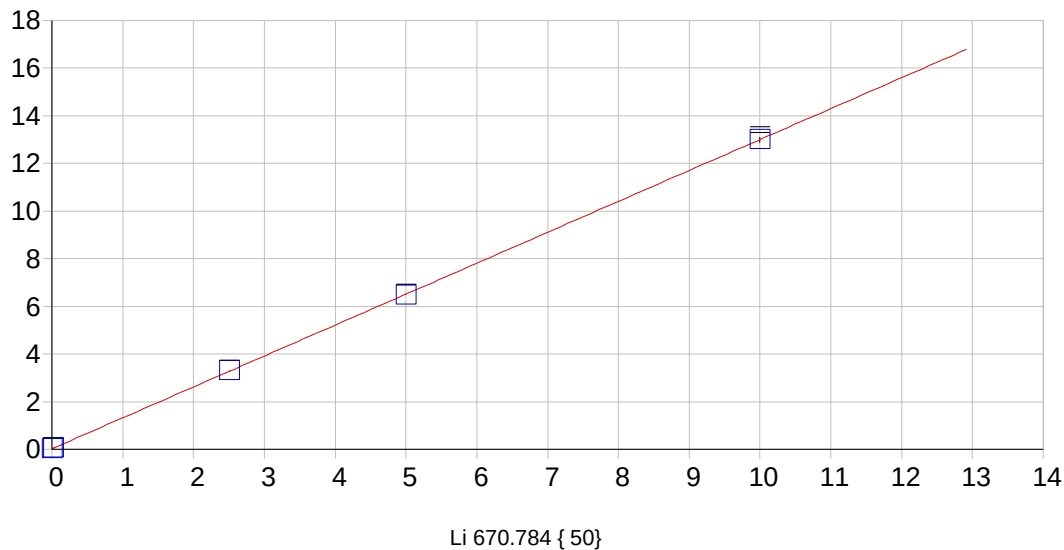
Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001610 Re-Slope: 1.000000
 A1 (Gain): 0.274405 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000025
 Predicted MDL: 0.001732
 Predicted MQL: 0.005774

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00161	.000	1
S1	.04000	.04045	.000	1.12	.01270	.001	1
S3	2.5000	2.5154	.015	.615	.69175	.001	1
S4	5.0000	4.9912	-.009	-.175	1.3711	.002	1
S5	10.000	9.9929	-.007	-.071	2.7434	.023	1



Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

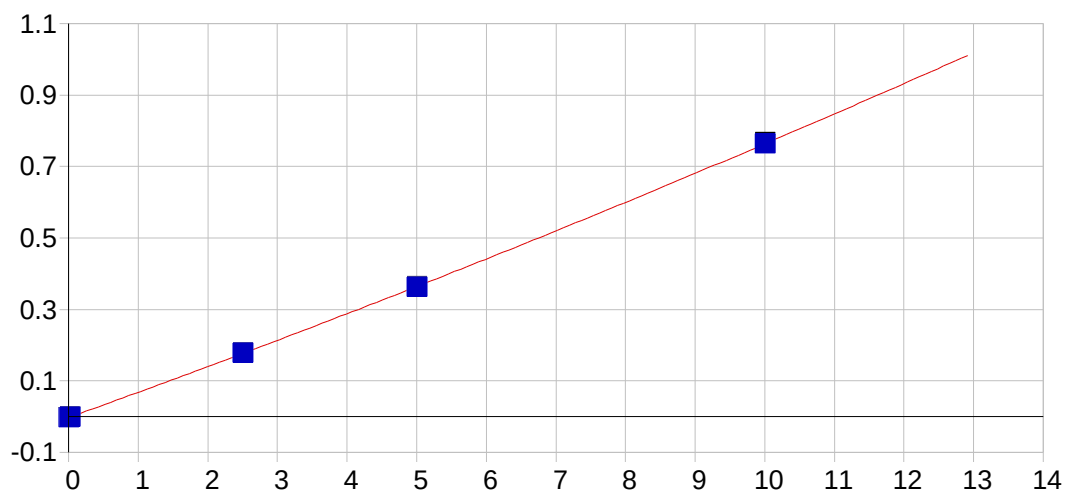
Weighting: 1/Conc

A0 (Offset): 0.022118
 A1 (Gain): 1.298179
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000168
 Predicted MDL: 0.001723
 Predicted MQL: 0.005743

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	.02212	.001	1
S1	.02000	.02122	.001	6.08	.04966	.001	1
S3	2.5000	2.5279	.028	1.12	3.3038	.010	1
S4	5.0000	4.9761	-.024	-.477	6.4820	.008	1
S5	10.000	9.9947	-.005	-.053	12.997	.121	1

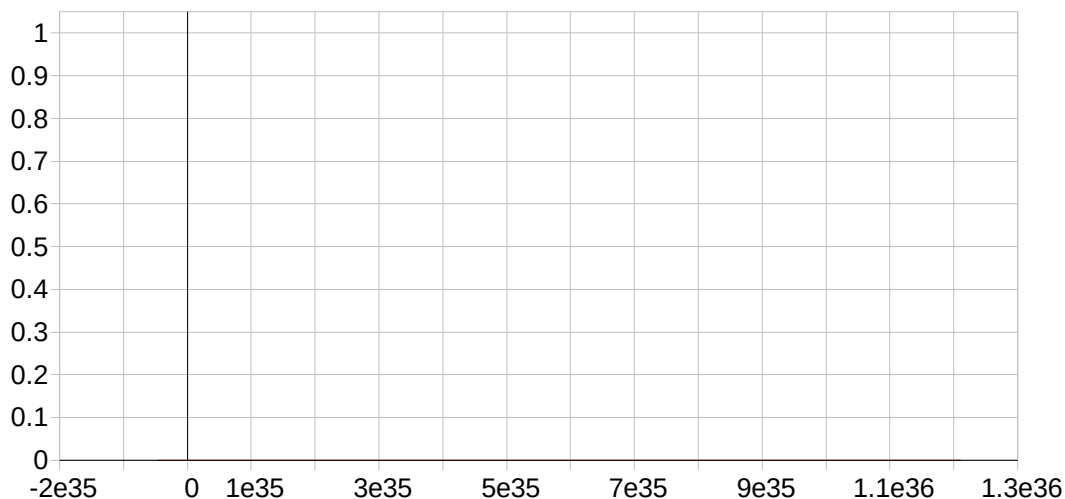


P 177.495 {490}

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.002555	Re-Slope:	1.000000
A1 (Gain):	0.070060	Y-int:	0.000000
A2 (Curvature):	0.000653		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	Warning Positive Curvature
Std Error of Est:	0.000007		
Predicted MDL:	0.001454		
Predicted MQL:	0.004846		

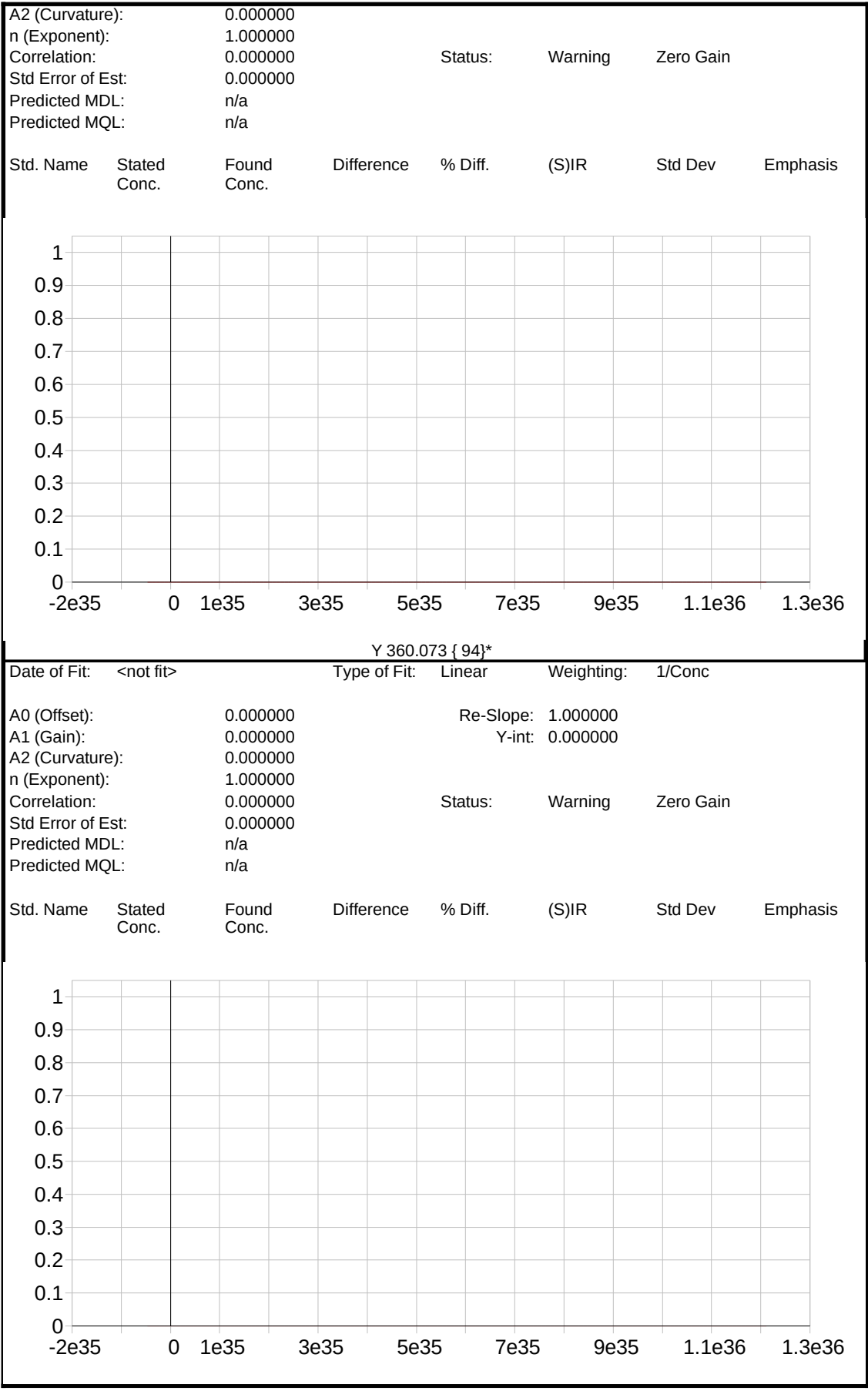
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00255	.000	1
S1	.02000	.01859	-.001	-7.03	-.00126	.000	1
S3	2.5000	2.5119	.012	.476	.17729	.001	1
S4	5.0000	4.9855	-.015	-.290	.36245	.000	1
S5	10.000	10.004	.004	.041	.76268	.004	1

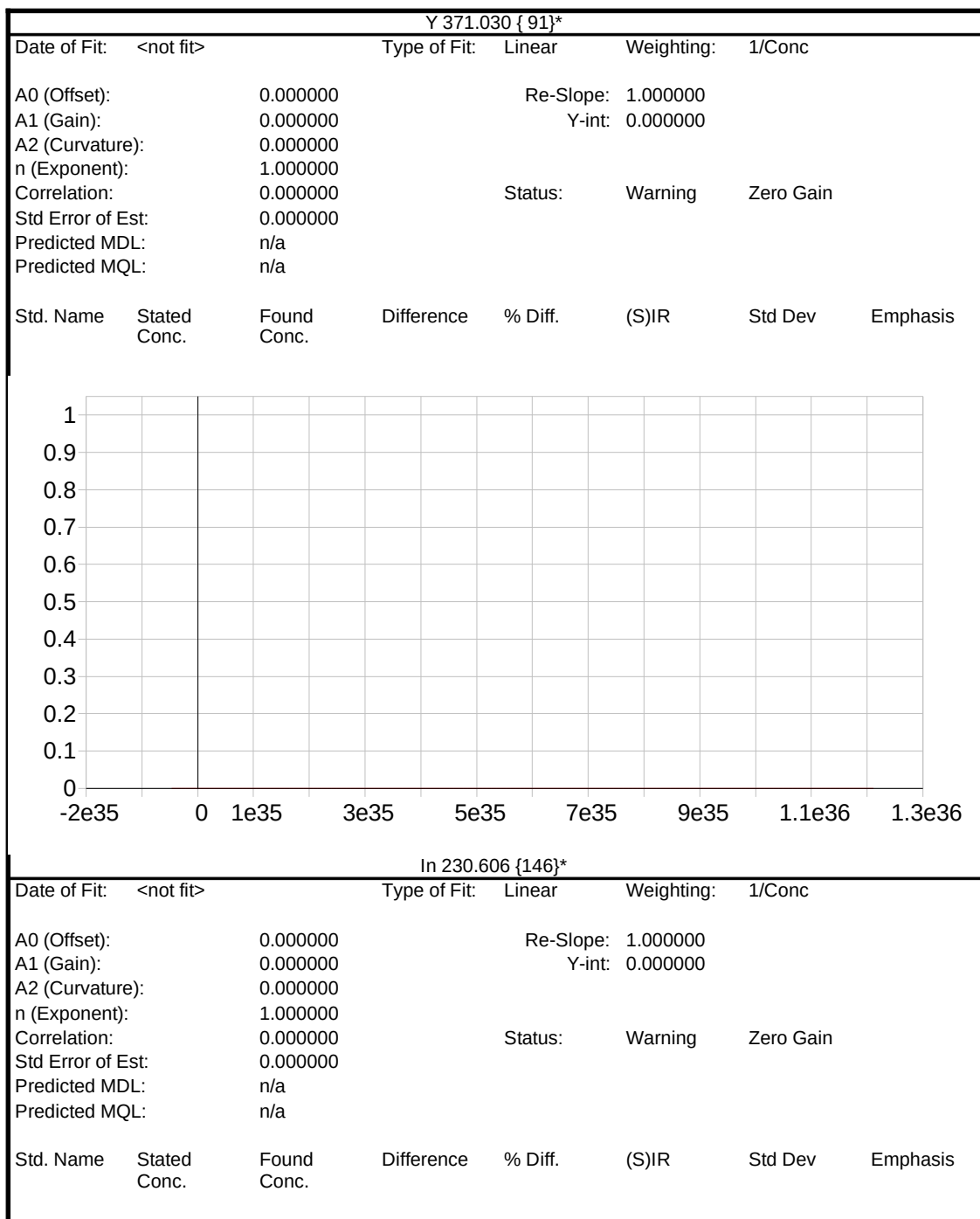


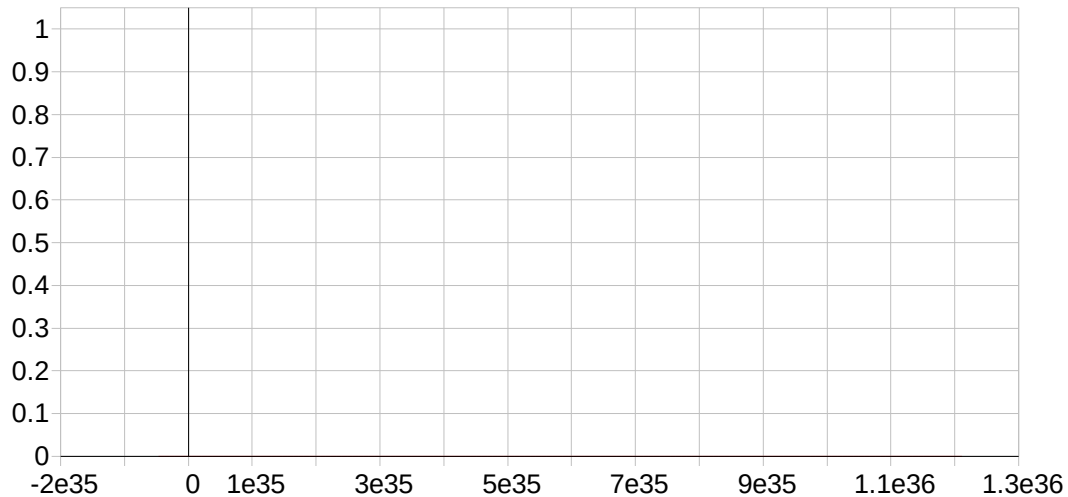
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

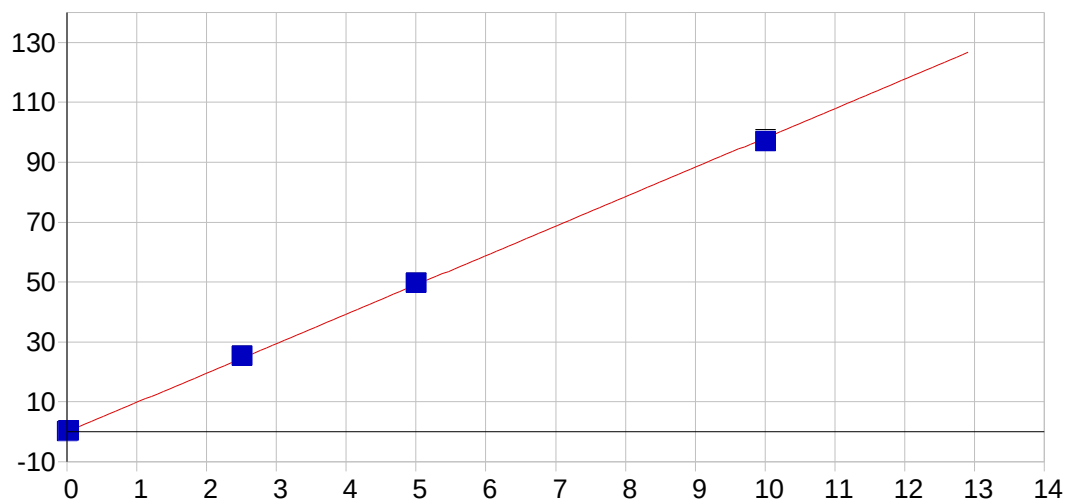
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004920

Re-Slope: 1.000000

A1 (Gain): 9.811476

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999886

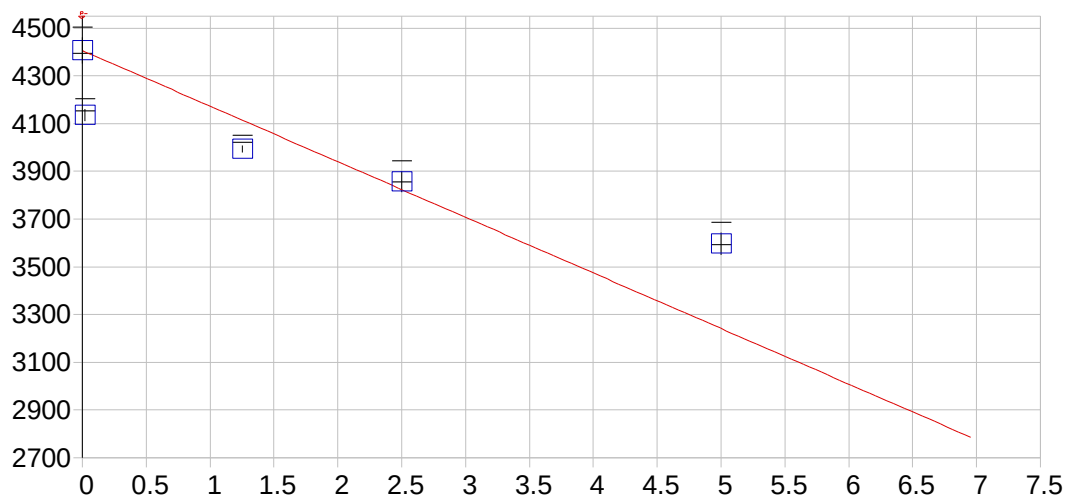
Status: OK.

Std Error of Est: 0.003580

Predicted MDL: 0.000093

Predicted MQL: 0.000311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00494	.001	1
S1	.02000	.02139	.001	6.96	.20604	.003	1
S3	2.5000	2.5692	.069	2.77	25.230	.092	1
S4	5.0000	5.0507	.051	1.01	49.604	.106	1
S5	10.000	9.8787	-.121	-1.21	97.028	.494	1

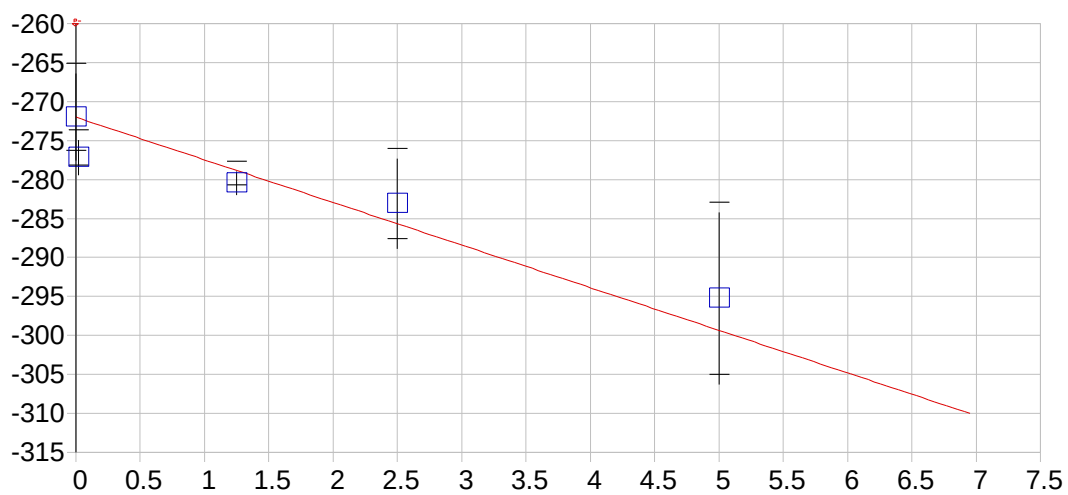


U 367.007 { 92 }

Date of Fit: 4/30/2019 16:31:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4406.125192 Re-Slope: 1.000000
A1 (Gain): -232.937762 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.342767 Status: Warning Negative Gain
Std Error of Est: 10.909617
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00114	-.001	.000	4406.4	56.0	1
S1	.02000	1.1612	1.14	5710.	4135.6	26.2	1
S3	1.2500	1.7709	.521	41.7	3993.6	13.6	1
S4	2.5000	2.3593	-.141	-5.63	3856.6	43.3	1
S5	5.0000	3.4786	-1.52	-30.4	3595.8	47.0	1



U 385.958 { 87}

Date of Fit: 4/30/2019 16:31:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -272.012099

Re-Slope: 1.000000

A1 (Gain): -5.465337

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.410575

Status: Warning

Negative Gain

Std Error of Est: 0.207417

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00092	-.001	.000	-272.01	5.59	1
S1	.02000	.94670	.927	4630.	-277.19	2.28	1
S3	1.2500	1.5461	.296	23.7	-280.46	1.52	1
S4	2.5000	2.0291	-.471	-18.8	-283.10	5.76	1
S5	5.0000	4.2481	-.752	-15.0	-295.23	11.0	1

Sample Name: S0 Acquired: 4/30/2019 11:13:53 Type: Cal
Method: P4-ICP2(v3081) 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	-.00005	-.00020	.00239	-.00007	.00032	.00061	-.00110	.00006
Stddev	.00003	.00011	.00015	.00009	.00016	.00003	.00023	.00002
%RSD	62.242	55.659	6.1399	134.48	51.549	4.1483	20.608	39.142

#1	-.00007	-.00011	.00255	-.00005	.00048	.00058	-.00085	.00009
#2	-.00007	-.00016	.00235	.00001	.00030	.00062	-.00128	.00006
#3	-.00001	-.00032	.00227	-.00016	.00016	.00063	-.00117	.00004

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	.00005	.00068	-.00006	-.00028	.00198	.00057	.00022	.00003
Stddev	.00026	.00049	.00009	.00010	.00031	.00006	.00003	.00001
%RSD	482.50	72.323	144.09	36.204	15.671	10.802	12.943	29.010

#1	-.00020	.00018	-.00005	-.00033	.00218	.00059	.00023	.00004
#2	.00004	.00070	-.00016	-.00035	.00163	.00051	.00018	.00004
#3	.00032	.00116	.00002	-.00016	.00215	.00063	.00024	.00002

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	-.00526	.00011	.00142	-.00007	.00298	-.00102	.00018	-.00000
Stddev	.00007	.00010	.00008	.00005	.00007	.00016	.00011	.00004
%RSD	1.3401	91.605	5.8724	74.462	2.3148	16.165	64.853	15438.

#1	-.00534	.00019	.00134	-.00004	.00305	-.00111	.00019	-.00000
#2	-.00522	-.00001	.00151	-.00004	.00298	-.00083	.00006	-.00004
#3	-.00522	.00016	.00140	-.00014	.00291	-.00111	.00028	.00004

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	.00075	.01297	.00051	.00161	.02212	-.0026	-.00494	4406.4
Stddev	.00004	.00041	.00009	.00036	.00094	.0001	.00074	56.0
%RSD	5.5927	3.1443	18.493	22.616	4.2301	4.325	14.900	1.2706

#1	.00076	.01344	.00057	.00194	.02107	-.0027	-.00497	4419.7
#2	.00070	.01269	.00056	.00122	.02287	-.0024	-.00419	4454.5
#3	.00079	.01278	.00040	.00167	.02241	-.0026	-.00566	4345.0

Sample Name: S0 Acquired: 4/30/2019 11:13:53 Type: Cal
Method: P4-ICP2(v3081) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-272.01
Stddev	5.59
%RSD	2.0537

#1	-270.21
#2	-278.27
#3	-267.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4931.9	63551.	5752.4	78.608	5509.5
Stddev	155.3	133.	29.0	2.213	183.2
%RSD	3.1494	.20910	.50449	2.8152	3.3244

#1	4753.7	63477.	5719.0	80.583	5298.4
#2	5003.6	63472.	5767.9	79.025	5605.1
#3	5038.5	63705.	5770.5	76.217	5625.1

Sample Name: S1 Acquired: 4/30/2019 11:18:20 Type: Cal
Method: P4-ICP2(v3081) 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	.00090	.00600	.00556	.00141	.00667	.00138	.03497	.00511
Stddev	.00009	.00020	.00015	.00004	.00016	.00004	.00000	.00003
%RSD	10.086	3.3916	2.6974	2.5591	2.3278	2.6171	.01171	.52344

#1	.00093	.00592	.00573	.00145	.00649	.00134	.03497	.00513
#2	.00097	.00585	.00544	.00140	.00676	.00140	.03497	.00513
#3	.00080	.00623	.00551	.00138	.00677	.00141	.03497	.00508

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	.02209	.00198	.02925	.01723	.00947	.02314	.01786	.00239
Stddev	.00003	.00004	.00028	.00023	.00009	.00010	.00010	.00010
%RSD	.11687	1.9754	.96414	1.3127	.90502	.44041	.56534	4.2394

#1	.02210	.00202	.02902	.01705	.00937	.02323	.01781	.00227
#2	.02206	.00198	.02957	.01749	.00951	.02316	.01797	.00247
#3	.02210	.00194	.02917	.01716	.00953	.02303	.01779	.00242

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	.00804	.09238	.12444	.00021	.00124	.16616	.00674	.01270
Stddev	.00008	.00040	.00086	.00002	.00003	.00209	.00005	.00054
%RSD	1.0564	.42766	.69023	10.194	2.5901	1.2591	.72606	4.2803

#1	.00808	.09200	.12355	.00023	.00121	.16674	.00669	.01218
#2	.00809	.09279	.12526	.00021	.00127	.16790	.00673	.01326
#3	.00794	.09234	.12451	.00019	.00125	.16384	.00679	.01267

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04966	-.0013	.20604	4135.6	-277.19
Stddev	.00119	.0000	.00289	26.2	2.28
%RSD	2.4025	3.713	1.4031	.63364	.82312

#1	.04836	-.0013	.20892	4121.9	-274.64
#2	.04992	-.0013	.20607	4165.8	-279.03
#3	.05070	-.0012	.20314	4119.1	-277.89

Sample Name: S1 Acquired: 4/30/2019 11:18:20 Type: Cal
 Method: P4-ICP2(v3081) 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	4907.7	62518.	5672.6	77.806	5394.9
Stddev	13.1	285.	36.4	.951	10.7
%RSD	.26613	.45637	.64096	1.2229	.19817
#1	4905.9	62201.	5652.2	77.175	5391.2
#2	4895.6	62755.	5651.0	77.342	5386.5
#3	4921.6	62597.	5714.6	78.900	5406.9

Sample Name: S2 Acquired: 4/30/2019 11:22:44 Type: Cal
Method: P4-ICP2(v3081) 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	.09955	.00180	.05075	.00962
Stddev	.00059	.00001	.00048	.00010
%RSD	.59765	.35813	.95285	1.0560

#1	.10022	.00180	.05042	.00966
#2	.09935	.00179	.05053	.00951
#3	.09909	.00179	.05131	.00970

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	62404.	5719.7
Stddev	464.	72.5
%RSD	.74306	1.2679

#1	61871.	5636.2
#2	62719.	5755.5
#3	62621.	5767.3

Sample Name: S3 Acquired: 4/30/2019 11:26:55 Type: Cal
Method: P4-ICP2(v3081) 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	.10972	.35906	.63788	.16178	.31397	.03529	1.7325	.09785
Stddev	.00018	.00105	.00202	.00027	.00021	.00020	.0126	.00023
%RSD	.16558	.29203	.31742	.16612	.06743	.56296	.72473	.23602

#1	.10993	.35807	.63630	.16170	.31420	.03509	1.7192	.09763
#2	.10963	.36016	.64016	.16209	.31393	.03549	1.7442	.09809
#3	.10961	.35895	.63717	.16157	.31379	.03529	1.7342	.09783

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	4.4634	.55377	.09943	1.2339	.44536	.20895	1.3075	.00989
Stddev	.0073	.00117	.00017	.0015	.00061	.00021	.0020	.00008
%RSD	.16372	.21153	.17600	.12363	.13758	.10085	.15492	.75846

#1	4.4563	.55501	.09946	1.2322	.44550	.20884	1.3069	.00982
#2	4.4709	.55269	.09924	1.2351	.44589	.20881	1.3057	.00997
#3	4.4630	.55362	.09958	1.2345	.44469	.20919	1.3097	.00989

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	.69759	.13101	.28429	.24815	2.7993	.06190	1.4698	.00544
Stddev	.00113	.00027	.00195	.00032	.0040	.00040	.0027	.00003
%RSD	.16162	.20233	.68419	.12699	.14408	.63934	.18064	.58266

#1	.69632	.13131	.28216	.24799	2.7954	.06147	1.4714	.00541
#2	.69847	.13082	.28596	.24795	2.8034	.06225	1.4712	.00548
#3	.69797	.13090	.28475	.24851	2.7991	.06197	1.4667	.00544

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	.08471	.93178	.39879	.69175	3.3038	.1773	25.230	3993.6
Stddev	.00027	.00794	.00016	.00071	.0100	.0006	.092	13.6
%RSD	.32360	.85205	.04101	.10197	.30259	.3414	.36357	.33945

#1	.08440	.93764	.39882	.69206	3.3033	.1773	25.183	3978.8
#2	.08482	.92274	.39862	.69094	3.2942	.1779	25.170	4005.3
#3	.08492	.93495	.39894	.69225	3.3141	.1767	25.335	3996.7

Sample Name: S3 Acquired: 4/30/2019 11:26:55 Type: Cal
 Method: P4-ICP2(v3081) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-280.46
Stddev	1.52
%RSD	.54176

#1	-280.29
#2	-279.04
#3	-282.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4903.1	62656.	5855.8	77.881	5104.4
Stddev	14.9	191.	29.8	1.619	10.1
%RSD	.30478	.30455	.50916	2.0783	.19883

#1	4891.7	62852.	5837.9	78.305	5099.3
#2	4897.5	62470.	5890.2	76.092	5097.9
#3	4920.0	62647.	5839.3	79.245	5116.1

Sample Name: S4 Acquired: 4/30/2019 11:30:54 Type: Cal
Method: P4-ICP2(v3081) 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	.21648	.70355	1.2550	.31627	.61678	.06950	3.4457	.19193
Stddev	.00030	.00078	.0014	.00029	.00081	.00021	.0080	.00025
%RSD	.13985	.11098	.10800	.09236	.13063	.30519	.23061	.13218
#1	.21664	.70349	1.2563	.31594	.61721	.06968	3.4485	.19199
#2	.21613	.70435	1.2550	.31635	.61728	.06926	3.4368	.19166
#3	.21667	.70280	1.2536	.31651	.61585	.06955	3.4519	.19215
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	8.8939	1.0815	.19369	2.4622	.86017	.40573	2.5378	.01954
Stddev	.0079	.0045	.00086	.0029	.00222	.00050	.0022	.00008
%RSD	.08910	.41623	.44246	.11590	.25840	.12230	.08862	.42288
#1	8.8951	1.0774	.19316	2.4630	.86271	.40630	2.5404	.01963
#2	8.9012	1.0863	.19468	2.4645	.85924	.40547	2.5364	.01954
#3	8.8855	1.0808	.19322	2.4590	.85856	.40541	2.5366	.01947
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	1.3872	.25583	.56293	.48821	5.5979	.12395	2.8866	.01095
Stddev	.0023	.00062	.00108	.00061	.0040	.00022	.0033	.00008
%RSD	.16515	.24071	.19212	.12426	.07170	.18109	.11314	.75944
#1	1.3870	.25536	.56305	.48841	5.5981	.12401	2.8874	.01104
#2	1.3895	.25653	.56179	.48869	5.6018	.12370	2.8894	.01093
#3	1.3849	.25560	.56394	.48753	5.5938	.12414	2.8830	.01087
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	.17119	1.8100	.79506	1.3711	6.4820	.3625	49.604	3856.6
Stddev	.00033	.0126	.00081	.0020	.0081	.0002	.106	43.3
%RSD	.19268	.69365	.10212	.14539	.12554	.0557	.21332	1.1220
#1	.17128	1.7961	.79412	1.3695	6.4837	.3623	49.487	3811.7
#2	.17147	1.8205	.79547	1.3733	6.4732	.3624	49.631	3898.1
#3	.17083	1.8135	.79558	1.3704	6.4892	.3627	49.694	3859.9

Sample Name: S4 Acquired: 4/30/2019 11:30:54 Type: Cal
Method: P4-ICP2(v3081) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-283.10
Stddev	5.76
%RSD	2.0349

#1	-287.90
#2	-284.69
#3	-276.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4737.2	60300.	5692.9	75.843	4800.4
Stddev	2.9	229.	26.8	2.149	1.1
%RSD	.06090	.37925	.47140	2.8337	.02205

#1	4734.9	60218.	5704.9	75.967	4801.6
#2	4736.2	60124.	5662.2	73.635	4799.5
#3	4740.4	60558.	5711.7	77.928	4800.3

Sample Name: S5 Acquired: 4/30/2019 11:34:52 Type: Cal
Method: P4-ICP2(v3081) 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	.43805	1.4174	2.5708	.63406	1.2428	.14150	6.9456	.38712
Stddev	.00204	.0070	.0055	.00220	.0046	.00043	.0185	.00079
%RSD	.46579	.49689	.21262	.34683	.36902	.30304	.26643	.20287
#1	.44027	1.4251	2.5770	.63655	1.2480	.14133	6.9415	.38717
#2	.43625	1.4159	2.5685	.63239	1.2392	.14199	6.9295	.38787
#3	.43763	1.4112	2.5669	.63323	1.2414	.14118	6.9658	.38631
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.277	2.1541	.38994	5.1007	1.7067	.81333	5.0624	.03976
Stddev	.038	.0177	.00105	.0089	.0057	.00094	.0155	.00026
%RSD	.21037	.81969	.26828	.17368	.33230	.11546	.30540	.65011
#1	18.322	2.1617	.39039	5.1109	1.7130	.81315	5.0521	.03958
#2	18.258	2.1667	.39069	5.0957	1.7020	.81434	5.0549	.04005
#3	18.253	2.1339	.38875	5.0954	1.7051	.81249	5.0802	.03964
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	2.8571	.51875	1.1551	.99759	11.577	.25563	5.7983	.02257
Stddev	.0045	.00071	.0025	.00142	.034	.00034	.0178	.00015
%RSD	.15595	.13746	.21758	.14214	.29574	.13227	.30650	.65964
#1	2.8619	.51793	1.1526	.99912	11.610	.25575	5.8174	.02241
#2	2.8531	.51905	1.1576	.99735	11.579	.25590	5.7822	.02270
#3	2.8563	.51926	1.1553	.99631	11.542	.25525	5.7952	.02260
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	.36166	3.5791	1.6394	2.7434	12.997	.7627	97.028	3595.8
Stddev	.00147	.0343	.0051	.0228	.121	.0036	.494	47.0
%RSD	.40514	.95796	.30924	.83123	.93330	.4683	.50963	1.3060
#1	.36332	3.5927	1.6437	2.7569	13.077	.7668	97.563	3642.4
#2	.36114	3.6045	1.6406	2.7562	13.057	.7610	96.587	3596.6
#3	.36053	3.5401	1.6338	2.7170	12.857	.7603	96.933	3548.5

Sample Name: S5 Acquired: 4/30/2019 11:34:52 Type: Cal
Method: P4-ICP2(v3081) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-295.23
Stddev	11.04
%RSD	3.7399

#1	-285.07
#2	-293.65
#3	-306.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4588.9	58979.	5691.0	74.838	4479.9
Stddev	8.6	110.	56.0	1.998	10.6
%RSD	.18635	.18576	.98374	2.6697	.23658

#1	4580.6	58937.	5655.7	73.526	4476.9
#2	4588.4	58896.	5661.8	73.850	4471.2
#3	4597.7	59103.	5755.5	77.137	4491.7

Sample Name: ICV01 Acquired: 4/30/2019 11:57:23 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0393	1.0729	1.0296	1.0423	1.0095	2.5391	.51021	.49298
Stddev	.0010	.0032	.0024	.0021	.0038	.0179	.00369	.00063
%RSD	.09171	.30135	.23085	.20253	.37802	.70572	.72345	.12803
#1	1.0382	1.0765	1.0315	1.0417	1.0138	2.5427	.50732	.49329
#2	1.0397	1.0702	1.0269	1.0406	1.0065	2.5196	.50894	.49341
#3	1.0399	1.0719	1.0305	1.0446	1.0080	2.5549	.51437	.49226
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49703	10.383	.50889	.50805	.51496	5.1837	.51980	6.0985
Stddev	.00143	.024	.00211	.00195	.00043	.0102	.00098	.0722
%RSD	.28851	.23507	.41542	.38458	.08436	.19692	.18925	1.1847
#1	.49543	10.372	.50947	.50885	.51508	5.1765	.51912	6.0293
#2	.49745	10.411	.51065	.50583	.51448	5.1792	.51934	6.1734
#3	.49820	10.366	.50654	.50948	.51533	5.1954	.52092	6.0926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50418	.50779	10.063	.50136	.99078	9.8776	2.6111	2.4913
Stddev	.00141	.00118	.052	.00070	.00198	.0793	.0067	.0227
%RSD	.27933	.23231	.52008	.14052	.20001	.80234	.25538	.90966
#1	.50502	.50855	10.011	.50201	.98857	9.8328	2.6051	2.4658
#2	.50255	.50838	10.062	.50061	.99138	9.8309	2.6098	2.5092
#3	.50497	.50643	10.116	.50145	.99239	9.9691	2.6183	2.4988
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4915	2.5127	2.5351	2.6177	F 2.3218	2.467	2.5380	F 3.4059
Stddev	.0107	.0140	.0050	.0074	.0148	.007	.0080	.0724
%RSD	.42754	.55546	.19874	.28223	.63656	.2858	.31663	2.1246
#1	2.4898	2.5277	2.5309	2.6181	2.3385	2.469	2.5454	3.4882
#2	2.4818	2.5103	2.5407	2.6101	2.3103	2.460	2.5294	3.3769
#3	2.5029	2.5001	2.5338	2.6249	2.3165	2.473	2.5391	3.3525

Sample Name: ICV01 Acquired: 4/30/2019 11:57:23 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4691
Stddev	2.4134
%RSD	164.27

#1	1.2712
#2	-.83920
#3	3.9754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4732.2	61481.	5788.4	76.493	4988.6
Stddev	7.6	210.	33.0	.985	5.1
%RSD	.16016	.34124	.57033	1.2872	.10251

#1	4740.9	61661.	5761.3	76.213	4994.4
#2	4728.5	61251.	5778.6	75.678	4984.7
#3	4727.2	61532.	5825.2	77.587	4986.8

Sample Name: LLICV01 Acquired: 4/30/2019 12:10:02 Type: Unk
Method: P4-ICP2(v3081) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02066	.04190	.01166	.02067	.05241	.09799	.10461	.00646
Stddev	.00051	.00016	.00038	.00267	.00040	.00562	.00150	.00004
%RSD	2.4646	.37810	3.2622	12.922	.77238	5.7359	1.4344	.65043
#1	.02125	.04198	.01172	.02163	.05202	.09212	.10336	.00643
#2	.02033	.04171	.01201	.01765	.05239	.09850	.10419	.00651
#3	.02041	.04200	.01126	.02273	.05283	.10333	.10627	.00645
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	2.0902	.01035	.02894	.02192	.10573	.02233	2.0617
Stddev	.00007	.0102	.00025	.00004	.00055	.00067	.00004	.0310
%RSD	1.1836	.48601	2.4307	.13843	2.5082	.63276	.19461	1.5047
#1	.00584	2.0965	.01060	.02891	.02252	.10630	.02238	2.0329
#2	.00591	2.0957	.01035	.02898	.02144	.10499	.02230	2.0577
#3	.00577	2.0785	.01010	.02893	.02178	.10589	.02231	2.0945
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03975	.01078	2.0060	.04023	.03872	1.9209	.20717	.10147
Stddev	.00021	.00014	.0217	.00008	.00009	.0385	.00068	.00978
%RSD	.52171	1.3261	1.0833	.19241	.22449	2.0029	.32593	9.6336
#1	.03952	.01086	1.9854	.04031	.03863	1.9019	.20647	.10321
#2	.03991	.01086	2.0039	.04016	.03874	1.8957	.20723	.11026
#3	.03983	.01061	2.0287	.04022	.03880	1.9652	.20782	.09094
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01906	.40389	.03782	.04060	.01730	.0181	.02097	F 2.5551
Stddev	.00035	.00079	.00076	.00071	.00189	.0010	.00016	.0896
%RSD	1.8390	.19662	2.0103	1.7405	10.903	5.416	.76641	3.5053
#1	.01895	.40429	.03862	.04119	.01569	.0176	.02079	2.6239
#2	.01946	.40298	.03772	.04078	.01683	.0176	.02099	2.5875
#3	.01879	.40441	.03711	.03982	.01937	.0193	.02111	2.4538

Sample Name: LLICV01 Acquired: 4/30/2019 12:10:02 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5963
Stddev 1.8925
%RSD 118.55

#1 -.06381
#2 1.1957
#3 3.6570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4981.3	64662.	5971.5	82.083	5495.3
Stddev	4.6	189.	32.3	1.131	3.4
%RSD	.09301	.29257	.54071	1.3779	.06176

#1	4980.3	64589.	5934.6	81.542	5499.1
#2	4986.3	64877.	5985.8	81.325	5492.5
#3	4977.2	64520.	5994.2	83.383	5494.3

Sample Name: ICB01 Acquired: 4/30/2019 12:14:27 Type: Unk
Method: P4-ICP2(v3081) 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	.00050	.00031	-.00066	.00014	-.00042	-.00203	.00113	-.00001
Stddev	.00064	.00029	.00009	.00169	.00088	.01560	.00065	.00003
%RSD	128.13	94.581	13.256	1172.4	211.33	767.24	57.728	430.22
#1	.00022	.00005	-.00057	-.00020	.00031	-.00137	.00039	-.00004
#2	.00122	.00062	-.00066	-.00135	-.00016	-.01796	.00160	.00000
#3	.00005	.00024	-.00074	.00199	-.00139	.01323	.00141	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00162	.00020	-.00012	-.00064	.00052	.00001	.01837
Stddev	.00001	.01398	.00009	.00009	.00021	.00016	.00001	.02226
%RSD	8.1245	862.23	42.747	70.715	33.385	30.673	135.98	121.23
#1	-.00012	-.01315	.00022	-.00016	-.00046	.00070	.00000	.04362
#2	-.00011	.00335	.00011	-.00018	-.00058	.00041	.00000	.00158
#3	-.00010	.01466	.00028	-.00002	-.00088	.00045	.00002	.00989
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00012	-.05174	.00001	-.00035	-.06569	-.00015	.00528
Stddev	.00053	.00038	.00331	.00026	.00002	.03553	.00011	.00489
%RSD	69.236	323.24	6.4006	4689.1	7.0327	54.085	75.561	92.671
#1	.00120	-.00015	-.05514	-.00016	-.00037	-.05254	-.00002	.00314
#2	.00018	-.00005	-.05154	.00030	-.00032	-.03861	-.00021	.00182
#3	.00092	.00055	-.04853	-.00013	-.00035	-.10592	-.00022	.01088
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00235	-.00093	.00042	-.00382	-.0007	-.00002	F 2.4866
Stddev	.00130	.00175	.00015	.00243	.00027	.0006	.00007	.0851
%RSD	159.94	74.474	15.680	572.96	7.1232	92.11	390.49	3.4229
#1	.00196	-.00392	-.00093	.00253	-.00352	-.0008	-.00008	2.5759
#2	-.00060	-.00046	-.00107	.00097	-.00389	-.0012	-.00002	2.4064
#3	.00107	-.00269	-.00078	-.00223	-.00405	.0000	.00005	2.4776

Sample Name: ICB01 Acquired: 4/30/2019 12:14:27 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3487
Stddev	.3888
%RSD	28.832

#1	1.7725
#2	1.0083
#3	1.2652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5120.4	66711.	6102.3	84.011	5697.4
Stddev	12.6	99.	36.3	.869	8.5
%RSD	.24594	.14826	.59539	1.0349	.14929

#1	5105.9	66673.	6060.9	83.308	5687.6
#2	5126.6	66823.	6117.1	83.742	5702.5
#3	5128.7	66637.	6128.9	84.983	5702.2

Sample Name: CRI01 Acquired: 4/30/2019 12:18:55 Type: Unk
Method: P4-ICP2(v3081) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02052	.04358	.01237	.02147	.05219	.10652	.10578	.00662
Stddev	.00320	.00069	.00037	.00179	.00071	.00407	.00027	.00005
%RSD	15.598	1.5889	2.9660	8.3491	1.3553	3.8254	.25190	.75874
#1	.01695	.04405	.01280	.01979	.05299	.11041	.10552	.00662
#2	.02313	.04278	.01217	.02336	.05194	.10228	.10605	.00667
#3	.02149	.04390	.01215	.02128	.05164	.10686	.10577	.00657
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.1429	.01077	.02936	.02199	.10816	.02283	2.0963
Stddev	.00005	.0037	.00015	.00028	.00040	.00135	.00017	.0367
%RSD	.88567	.17314	1.3761	.95200	1.8107	1.2474	.74571	1.7483
#1	.00590	2.1470	.01072	.02956	.02191	.10677	.02264	2.1377
#2	.00590	2.1417	.01094	.02948	.02164	.10947	.02291	2.0679
#3	.00599	2.1399	.01066	.02904	.02242	.10825	.02295	2.0834
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04039	.01122	2.0544	.04132	.04206	1.9704	.21159	.10669
Stddev	.00052	.00043	.0047	.00030	.00021	.0392	.00063	.00353
%RSD	1.2776	3.7947	.22816	.72871	.49066	1.9884	.29806	3.3062
#1	.04092	.01154	2.0568	.04128	.04204	1.9315	.21165	.10876
#2	.03989	.01138	2.0573	.04104	.04187	2.0099	.21093	.10262
#3	.04037	.01074	2.0490	.04164	.04228	1.9699	.21219	.10869
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02008	.40999	.03813	.04069	.01795	.0187	.02142	F 2.7956
Stddev	.00250	.00131	.00043	.00207	.00237	.0010	.00012	.0462
%RSD	12.447	.32019	1.1186	5.0834	13.221	5.180	.57706	1.6538
#1	.02285	.41144	.03844	.04245	.01694	.0178	.02132	2.7962
#2	.01798	.40889	.03765	.04121	.01625	.0186	.02156	2.7490
#3	.01941	.40963	.03832	.03841	.02066	.0197	.02139	2.8415

Sample Name: CRI01 Acquired: 4/30/2019 12:18:55 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9672
Stddev .9406
%RSD 31.700

#1 2.1262
#2 2.7924
#3 3.9829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4937.5	64007.	5871.8	80.664	5431.3
Stddev	5.6	246.	39.9	2.492	.2
%RSD	.11425	.38434	.67897	3.0891	.00281

#1	4939.6	63805.	5826.1	78.158	5431.4
#2	4931.2	63934.	5890.0	83.142	5431.4
#3	4941.9	64281.	5899.4	80.692	5431.1

Sample Name: ICSA01 Acquired: 4/30/2019 12:23:19 Type: Unk
 Method: P4-ICP2(v3081) 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	-.00544	.00272	.00160	.01954	.00361	268.06	.00764	.00256
Stddev	.00580	.00061	.00082	.00205	.00106	.25	.00030	.00001
%RSD	106.72	22.415	51.316	10.518	29.386	.09369	3.9366	.43387

#1	.00009	.00240	.00101	.01820	.00253	267.79	.00791	.00256
#2	-.00492	.00233	.00124	.02190	.00366	268.29	.00731	.00256
#3	-.01148	.00342	.00253	.01851	.00465	268.09	.00769	.00258

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	252.02	.04789	-.00073	-.00049	95.857	.01513	273.26
Stddev	.00012	.38	.00033	.00013	.00032	.271	.00008	1.84
%RSD	9.3799	.15181	.69306	17.228	65.367	.28301	.54986	.67237

#1	-.00123	252.46	.04795	-.00059	-.00066	95.584	.01522	271.14
#2	-.00114	251.76	.04818	-.00083	-.00012	96.126	.01511	274.32
#3	-.00137	251.85	.04753	-.00078	-.00070	95.861	.01506	274.32

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00519	-.00506	-.00137	.00132	-.01400	.00882	-.00054	.06103
Stddev	.00025	.00041	.00466	.00036	.00006	.02259	.00014	.00848
%RSD	4.8802	8.1902	341.32	27.618	.44200	256.07	25.307	13.890

#1	-.00502	-.00489	-.00647	.00097	-.01394	-.01455	-.00058	.05911
#2	-.00548	-.00553	-.00031	.00170	-.01407	.03053	-.00039	.07031
#3	-.00507	-.00475	.00268	.00130	-.01400	.01048	-.00065	.05368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01405	-.00905	.00411	-.00160	.01116	-.0025	-.00045	4.4615
Stddev	.00173	.00257	.00025	.00151	.00131	.0029	.00055	.1057
%RSD	12.276	28.456	6.0083	94.355	11.712	113.5	123.47	2.3683

#1	.01210	-.01023	.00410	-.00317	.01035	-.0038	.00018	4.3470
#2	.01471	-.00609	.00436	-.00145	.01047	.0008	-.00067	4.5553
#3	.01535	-.01081	.00387	-.00017	.01267	-.0045	-.00085	4.4822

Sample Name: ICSA01 Acquired: 4/30/2019 12:23:19 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.4693
 %RSD 70.775

#1 -3.2320
 #2 -.42255
 #3 -2.5735

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4397.0	56817.	5614.3	73.919	4288.0
Stddev	4.4	61.	50.2	.677	4.8
%RSD	.10062	.10717	.89335	.91568	.11298

#1	4402.1	56747.	5556.7	74.036	4287.2
#2	4395.1	56859.	5648.7	73.191	4283.6
#3	4394.0	56845.	5637.4	74.530	4293.2

Sample Name: ICSAB01 Acquired: 4/30/2019 12:27:58 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10078	.10878	.05197	.07310	.61438	258.07	.55171	.54116
Stddev	.00438	.00188	.00118	.00341	.00769	.89	.00305	.00160
%RSD	4.3484	1.7300	2.2782	4.6668	1.2514	.34492	.55209	.29551

#1	.09608	.11082	.05321	.07650	.61942	257.40	.54832	.54267
#2	.10153	.10711	.05184	.06968	.61819	259.08	.55422	.54132
#3	.10475	.10840	.05085	.07313	.60553	257.74	.55258	.53948

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0005	243.17	.55022	.49741	.48859	93.419	.52440	265.58
Stddev	.0056	2.14	.00195	.00297	.00337	.130	.00126	.92
%RSD	.55820	.87958	.35382	.59658	.69072	.13875	.23988	.34507

#1	1.0050	245.62	.55224	.50022	.49176	93.391	.52396	264.59
#2	1.0023	241.68	.55006	.49768	.48896	93.560	.52582	266.39
#3	.99428	242.21	.54835	.49431	.48505	93.306	.52343	265.75

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97150	.20582	.00099	.50867	1.0515	.07785	1.0505	1.1354
Stddev	.00301	.00059	.00192	.00030	.0077	.04201	.0062	.0177
%RSD	.31033	.28853	192.85	.05964	.72924	53.961	.58891	1.5636

#1	.97452	.20638	.00124	.50879	1.0582	.12292	1.0543	1.1150
#2	.97148	.20519	-.00103	.50890	1.0532	.03978	1.0539	1.1472
#3	.96849	.20588	.00277	.50832	1.0432	.07084	1.0434	1.1440

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1333	.96952	1.0685	1.0684	1.1272	1.080	1.0893	4.6772
Stddev	.0079	.01224	.0059	.0058	.0082	.009	.0097	.1342
%RSD	.69788	1.2629	.55340	.54413	.73057	.8696	.88772	2.8689

#1	1.1403	.98364	1.0704	1.0728	1.1367	1.090	1.1005	4.6108
#2	1.1347	.96321	1.0732	1.0705	1.1230	1.079	1.0837	4.8317
#3	1.1247	.96173	1.0619	1.0618	1.1220	1.071	1.0838	4.5892

Sample Name: ICSAB01 Acquired: 4/30/2019 12:27:58 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.61899
%RSD	22.792

#1	-3.0510
#2	-3.0948
#3	-2.0015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4480.7	57629.	5713.5	75.038	4358.3
Stddev	22.0	130.	80.6	1.978	23.5
%RSD	.49063	.22585	1.4114	2.6361	.53987

#1	4466.8	57480.	5622.1	73.077	4343.2
#2	4469.2	57683.	5774.7	75.007	4346.2
#3	4506.0	57723.	5743.6	77.032	4385.4

Sample Name: CCV01 Acquired: 4/30/2019 12:32:22 Type: Unk
Method: P4-ICP2(v3081) 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	4.8837	4.9251	4.8642	4.9360	4.8731	9.5508	9.8865	.24702
Stddev	.0080	.0098	.0207	.0146	.0191	.0281	.0218	.00026
%RSD	.16344	.19854	.42557	.29660	.39256	.29381	.22092	.10604
#1	4.8902	4.9275	4.8872	4.9401	4.8938	9.5578	9.8989	.24701
#2	4.8861	4.9335	4.8585	4.9482	4.8694	9.5747	9.8993	.24728
#3	4.8748	4.9144	4.8470	4.9198	4.8561	9.5199	9.8613	.24676
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4223	24.749	.97995	2.4354	1.2242	4.9418	2.4921	24.328
Stddev	.0060	.044	.00302	.0072	.0024	.0118	.0023	.188
%RSD	.24715	.17748	.30861	.29541	.19631	.23937	.09095	.77164
#1	2.4292	24.705	.97741	2.4432	1.2268	4.9357	2.4911	24.423
#2	2.4191	24.793	.98329	2.4339	1.2236	4.9554	2.4947	24.449
#3	2.4185	24.748	.97915	2.4290	1.2220	4.9342	2.4906	24.112
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4206	1.2188	24.439	2.4567	2.4422	23.809	4.8801	4.7506
Stddev	.0068	.0015	.050	.0031	.0067	.050	.0094	.0376
%RSD	.28123	.12229	.20587	.12599	.27390	.21174	.19297	.79128
#1	2.4283	1.2173	24.480	2.4538	2.4488	23.750	4.8863	4.7538
#2	2.4181	1.2188	24.455	2.4600	2.4422	23.838	4.8847	4.7865
#3	2.4154	1.2203	24.383	2.4563	2.4355	23.838	4.8693	4.7115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8935	4.8259	4.8869	4.9110	4.7507	4.953	4.9742	F 4.0141
Stddev	.0085	.0363	.0056	.0077	.0215	.005	.0115	.1919
%RSD	.17300	.75248	.11491	.15658	.45214	.1021	.23053	4.7805
#1	4.9005	4.7956	4.8934	4.9022	4.7435	4.958	4.9697	4.2093
#2	4.8958	4.8158	4.8836	4.9144	4.7337	4.948	4.9656	4.0071
#3	4.8841	4.8661	4.8837	4.9165	4.7748	4.954	4.9872	3.8257

Sample Name: CCV01 Acquired: 4/30/2019 12:32:22 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6169
Stddev	.4904
%RSD	13.557

#1	3.1772
#2	4.1457
#3	3.5279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4805.7	61763.	5849.2	77.201	4841.8
Stddev	19.8	210.	31.2	1.365	20.7
%RSD	.41143	.33981	.53412	1.7678	.42827

#1	4789.7	61538.	5837.0	76.050	4822.2
#2	4799.6	61953.	5884.7	78.708	4839.7
#3	4827.8	61797.	5825.8	76.843	4863.5

Sample Name: LLCCV01 Acquired: 4/30/2019 12:36:22 Type: Unk
 Method: P4-ICP2(v3081) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01920	.04237	.01217	.02179	.05192	.10348	.10381	.00640
Stddev	.00075	.00091	.00008	.00229	.00087	.00863	.00153	.00011
%RSD	3.8974	2.1583	.64765	10.518	1.6834	8.3405	1.4766	1.6764
#1	.02005	.04140	.01209	.02233	.05117	.10853	.10330	.00633
#2	.01864	.04322	.01218	.02376	.05288	.10840	.10259	.00652
#3	.01892	.04250	.01224	.01928	.05171	.09352	.10553	.00634
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	2.0912	.01029	.02864	.02110	.10583	.02235	2.0324
Stddev	.00004	.0042	.00005	.00020	.00053	.00122	.00017	.0230
%RSD	.68452	.20127	.45817	.69513	2.4983	1.1527	.76737	1.1299
#1	.00588	2.0956	.01026	.02845	.02049	.10460	.02239	2.0481
#2	.00591	2.0872	.01034	.02885	.02137	.10704	.02250	2.0432
#3	.00583	2.0908	.01025	.02862	.02144	.10585	.02216	2.0061
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03937	.01088	1.9993	.04077	.03962	1.9169	.20490	.10540
Stddev	.00016	.00019	.0241	.00063	.00004	.0244	.00057	.01371
%RSD	.41356	1.7622	1.2047	1.5401	.11297	1.2720	.28046	13.008
#1	.03932	.01104	1.9995	.04118	.03958	1.9128	.20556	.08976
#2	.03956	.01067	1.9751	.04110	.03967	1.8948	.20451	.11534
#3	.03925	.01092	2.0232	.04005	.03961	1.9430	.20462	.11111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01914	.40076	.03781	.04043	.01776	.0177	.02091	F 2.6103
Stddev	.00113	.00801	.00065	.00160	.00129	.0010	.00014	.0659
%RSD	5.8880	1.9981	1.7120	3.9564	7.2849	5.829	.64563	2.5258
#1	.02021	.39832	.03851	.04226	.01684	.0185	.02080	2.5348
#2	.01797	.40970	.03724	.03979	.01720	.0165	.02088	2.6395
#3	.01923	.39425	.03767	.03926	.01924	.0180	.02106	2.6566

Sample Name: LLCCV01 Acquired: 4/30/2019 12:36:22 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6676
Stddev .2408
%RSD 9.0256

#1 2.4237
#2 2.6741
#3 2.9051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5078.1	65224.	6004.6	83.189	5577.2
Stddev	7.7	137.	26.8	1.213	13.6
%RSD	.15174	.21001	.44660	1.4580	.24453

#1	5072.6	65121.	6008.8	84.558	5577.0
#2	5074.9	65379.	5976.0	82.250	5563.6
#3	5086.9	65170.	6029.2	82.758	5590.9

Sample Name: CCB01 Acquired: 4/30/2019 12:40:47 Type: Unk
Method: P4-ICP2(v3081) 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	.00148	-.00062	.00078	.00121	-.00026	-.01005	.00064	-.00001
Stddev	.00236	.00034	.00014	.00221	.00084	.00746	.00020	.00007
%RSD	158.87	54.250	17.820	182.04	327.91	74.246	31.801	556.49
#1	.00373	-.00064	.00091	.00234	-.00111	-.00221	.00068	-.00004
#2	.00169	-.00027	.00064	.00264	-.00022	-.01706	.00082	-.00006
#3	-.00097	-.00095	.00078	-.00133	.00056	-.01089	.00042	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00988	.00007	-.00017	-.00015	.00092	-.00002	.01032
Stddev	.00003	.01323	.00010	.00016	.00049	.00042	.00006	.03341
%RSD	55.505	133.88	141.46	94.309	322.03	45.412	250.58	323.65
#1	-.00008	-.00119	-.00003	-.00029	-.00041	.00115	-.00001	.04125
#2	-.00002	.00631	.00017	.00001	.00041	.00044	-.00009	.01484
#3	-.00008	.02453	.00007	-.00025	-.00046	.00118	.00003	-.02512
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00047	-.05799	.00000	.00008	-.08830	-.00009	.00105
Stddev	.00038	.00007	.00881	.00020	.00005	.04125	.00004	.00822
%RSD	343.66	15.560	15.187	24490.	64.948	46.723	42.002	779.28
#1	.00032	.00039	-.05066	.00023	.00007	-.09119	-.00014	.00066
#2	.00033	.00050	-.05556	-.00007	.00004	-.12803	-.00006	.00946
#3	-.00033	.00053	-.06776	-.00016	.00014	-.04567	-.00008	-.00696
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	.00003	-.00089	.00050	-.00378	-.0003	.00001	F 3.1661
Stddev	.00264	.00149	.00032	.00181	.00234	.0009	.00006	.0312
%RSD	408.11	5027.7	36.274	360.91	61.778	328.8	682.69	.98637
#1	-.00007	-.00030	-.00079	.00201	-.00648	.0007	.00008	3.1731
#2	.00166	.00166	-.00064	-.00150	-.00247	-.0007	-.00003	3.1319
#3	-.00353	-.00126	-.00126	.00100	-.00239	-.0008	-.00002	3.1931

Sample Name: CCB01 Acquired: 4/30/2019 12:40:47 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7096
Stddev .4409
%RSD 16.270

#1 2.2076
#2 3.0336
#3 2.8877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4906.7	63739.	5822.7	79.750	5467.7
Stddev	9.8	194.	43.7	1.449	11.7
%RSD	.19941	.30445	.75017	1.8175	.21348

#1	4897.0	63603.	5784.9	78.567	5454.2
#2	4906.3	63652.	5812.8	81.367	5474.1
#3	4916.6	63961.	5870.5	79.317	5474.7

Sample Name: K2241-08 Acquired: 4/30/2019 13:10:09 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 6010 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	.04124	.08298	.02474	.04216	.10187	.20121	.20710	.01268	.01160
Stddev	.00083	.00098	.00053	.00107	.00028	.00558	.00075	.00003	.00014
%RSD	2.0135	1.1791	2.1509	2.5336	.27833	2.7713	.36269	.20859	1.2069

#1	.04096	.08315	.02469	.04294	.10217	.20457	.20623	.01266	.01155
#2	.04059	.08193	.02530	.04094	.10185	.19477	.20759	.01267	.01176
#3	.04218	.08387	.02424	.04260	.10160	.20428	.20747	.01271	.01150

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1853	.02063	.05781	.04218	.21020	.04420	4.0395	.07761	.02059
Stddev	.0567	.00014	.00011	.00030	.00090	.00006	.0346	.00034	.00049
%RSD	1.3549	.66245	.19112	.71599	.42878	.14248	.85570	.44108	2.3757

#1	4.1621	.02075	.05771	.04193	.21116	.04413	4.0019	.07784	.02084
#2	4.1439	.02067	.05793	.04252	.21007	.04425	4.0699	.07722	.02003
#3	4.2499	.02048	.05780	.04210	.20937	.04422	4.0466	.07777	.02090

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	4.0192	.08040	.08143	3.8000	.41095	.19825	.03661	.78477	.07532
Stddev	.0116	.00071	.00034	.0113	.00177	.01206	.00184	.00854	.00039
%RSD	.28940	.88777	.41835	.29628	.43046	6.0855	5.0248	1.0882	.51306

#1	4.0064	.08104	.08129	3.7946	.41028	.21216	.03573	.78361	.07545
#2	4.0292	.07963	.08181	3.7924	.41296	.19070	.03872	.77687	.07562
#3	4.0219	.08053	.08117	3.8129	.40962	.19188	.03537	.79383	.07489

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07989	.03667	.0354	.04165	3.4511	2.7020
Stddev	.00206	.00280	.0012	.00048	.1724	.5048
%RSD	2.5749	7.6479	3.424	1.1511	4.9963	18.683

#1	.08147	.03425	.0363	.04129	3.2736	3.2257
#2	.07757	.03602	.0358	.04146	3.6180	2.6620
#3	.08065	.03974	.0340	.04219	3.4616	2.2184

Sample Name: K2241-08 Acquired: 4/30/2019 13:10:09 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 6010 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	4921.1	63849.	5891.3	80.128	5342.9
Stddev	2.3	125.	56.2	.300	7.1
%RSD	.04668	.19519	.95312	.37459	.13341
#1	4919.8	63772.	5894.5	79.783	5344.5
#2	4919.8	63781.	5945.7	80.333	5335.1
#3	4923.8	63993.	5833.6	80.267	5349.0

Sample Name: K2241-07 Acquired: 4/30/2019 13:19:30 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 6010 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	.00574	.01092	.00354	.00452	.01248	.02219	.02781	.00161	.00142
Stddev	.00218	.00087	.00055	.00022	.00040	.01326	.00057	.00006	.00006
%RSD	37.971	7.9760	15.505	4.8104	3.2214	59.740	2.0509	3.5695	4.0662
#1	.00557	.01013	.00369	.00429	.01220	.03316	.02794	.00162	.00141
#2	.00365	.01079	.00400	.00454	.01230	.02594	.02718	.00155	.00137
#3	.00801	.01185	.00293	.00472	.01294	.00746	.02830	.00166	.00149
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56657	.00293	.00732	.00551	.02876	.00588	.53938	.01047	.00269
Stddev	.01367	.00041	.00002	.00030	.00050	.00006	.00940	.00004	.00033
%RSD	2.4129	13.816	.25273	5.5045	1.7530	.98544	1.7429	.35176	12.223
#1	.56839	.00327	.00730	.00564	.02826	.00582	.52935	.01046	.00292
#2	.57925	.00248	.00733	.00516	.02874	.00592	.54079	.01051	.00231
#3	.55208	.00305	.00731	.00572	.02927	.00591	.54799	.01044	.00285
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	.47278	.01043	.01204	.40660	.05352	.02919	.00664	.10497	.00775
Stddev	.00800	.00011	.00001	.01661	.00037	.00790	.00074	.00125	.00022
%RSD	1.6915	1.0782	.10211	4.0861	.68522	27.071	11.099	1.1866	2.8695
#1	.46869	.01056	.01203	.42556	.05314	.02953	.00734	.10568	.00780
#2	.46765	.01035	.01205	.39460	.05387	.02112	.00587	.10353	.00751
#3	.48199	.01038	.01203	.39962	.05356	.03691	.00670	.10570	.00794
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.00971	.00065	.0045	.00548	2.7419	2.0779			
Stddev	.00146	.00127	.0003	.00008	.2384	1.3301			
%RSD	14.996	194.11	7.252	1.4362	8.6932	64.013			
#1	.01128	-.00054	.0049	.00540	3.0076	3.4747			
#2	.00841	.00052	.0042	.00556	2.6711	.82642			
#3	.00942	.00198	.0045	.00549	2.5469	1.9325			

Sample Name: K2241-07 Acquired: 4/30/2019 13:19:30 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 6010 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	4932.2	63623.	5810.8	78.206	5442.4
Stddev	4.5	192.	26.4	.827	6.5
%RSD	.09090	.30217	.45377	1.0571	.11959
#1	4929.5	63416.	5782.0	77.350	5437.7
#2	4929.6	63795.	5816.6	79.000	5439.6
#3	4937.4	63659.	5833.8	78.267	5449.8

Sample Name: K2241-08RE Acquired: 4/30/2019 13:23:58 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200.7 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	.03841	.08118	.02398	.04202	.10075	.19456	.20229	.01243	.01154
Stddev	.00076	.00021	.00044	.00111	.00049	.00413	.00070	.00011	.00011
%RSD	1.9748	.26154	1.8537	2.6457	.48417	2.1228	.34653	.89439	.95509
#1	.03759	.08141	.02446	.04200	.10028	.19308	.20158	.01255	.01142
#2	.03908	.08113	.02358	.04315	.10126	.19136	.20298	.01233	.01163
#3	.03856	.08100	.02390	.04092	.10071	.19922	.20232	.01240	.01156
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1126	.02058	.05732	.04213	.20796	.04374	3.9930	.07783	.02066
Stddev	.0057	.00035	.00027	.00053	.00066	.00008	.0191	.00077	.00018
%RSD	.13846	1.6865	.46603	1.2666	.31677	.19080	.47727	.98602	.87656
#1	4.1061	.02098	.05702	.04152	.20866	.04368	4.0129	.07697	.02085
#2	4.1167	.02040	.05753	.04234	.20786	.04371	3.9749	.07809	.02049
#3	4.1150	.02035	.05739	.04253	.20735	.04384	3.9914	.07843	.02064
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	3.9385	.07925	.07817	3.7311	.41135	.17850	.03522	.77755	.07410
Stddev	.0287	.00015	.00057	.0285	.00243	.00518	.00054	.00532	.00032
%RSD	.72824	.18489	.72912	.76415	.59081	2.9035	1.5211	.68484	.43156
#1	3.9082	.07941	.07774	3.7030	.40856	.17273	.03528	.78284	.07376
#2	3.9652	.07914	.07882	3.7600	.41301	.18001	.03573	.77219	.07415
#3	3.9421	.07919	.07796	3.7304	.41248	.18275	.03466	.77761	.07439
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.07888	.03561	.0361	.04098	3.1550	3.9736			
Stddev	.00093	.00160	.0005	.00013	.1424	1.5511			
%RSD	1.1797	4.5004	1.445	.31005	4.5134	39.034			
#1	.07988	.03382	.0366	.04088	3.0941	5.1704			
#2	.07804	.03608	.0361	.04094	3.3177	2.2213			
#3	.07871	.03692	.0355	.04112	3.0532	4.5292			

Sample Name: K2241-08RE Acquired: 4/30/2019 13:23:58 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200.7 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	4940.1	64245.	5898.1	81.386	5365.2
Stddev	15.5	66.	45.5	1.859	15.1
%RSD	.31310	.10326	.77120	2.2842	.28228
#1	4957.6	64178.	5856.2	79.375	5382.7
#2	4934.4	64310.	5946.5	81.742	5355.5
#3	4928.3	64248.	5891.8	83.042	5357.4

Sample Name: K2241-02 Acquired: 4/30/2019 13:28:20 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOQ 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	.04066	.08614	.02512	.04250	.10469	.20117	.21369	.01288	.01192
Stddev	.00068	.00115	.00009	.00112	.00209	.00594	.00028	.00008	.00004
%RSD	1.6704	1.3336	.33902	2.6374	1.9990	2.9514	.13183	.60535	.29978

#1	.04111	.08744	.02506	.04377	.10564	.20247	.21346	.01293	.01191
#2	.04099	.08574	.02509	.04168	.10614	.19469	.21401	.01279	.01195
#3	.03988	.08525	.02522	.04204	.10229	.20636	.21361	.01293	.01188

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2732	.02084	.05941	.04294	.21658	.04537	4.1685	.08033	.02141
Stddev	.0185	.00038	.00037	.00038	.00010	.00002	.0332	.00093	.00024
%RSD	.43167	1.8419	.62548	.87785	.04805	.04530	.79710	1.1570	1.1356

#1	4.2542	.02040	.05954	.04286	.21652	.04538	4.1304	.08060	.02113
#2	4.2911	.02111	.05970	.04336	.21670	.04534	4.1836	.08110	.02155
#3	4.2744	.02100	.05899	.04262	.21651	.04538	4.1915	.07930	.02155

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	4.1448	.08211	.08383	3.9147	.42632	.19863	.03892	.80199	.07737
Stddev	.0189	.00010	.00026	.0036	.00190	.01271	.00095	.00123	.00011
%RSD	.45618	.12147	.30582	.09110	.44541	6.3996	2.4476	.15336	.14140

#1	4.1280	.08219	.08388	3.9174	.42800	.19479	.03782	.80072	.07724
#2	4.1411	.08200	.08406	3.9162	.42669	.21282	.03955	.80209	.07743
#3	4.1653	.08214	.08356	3.9107	.42426	.18829	.03939	.80317	.07743

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08032	.03635	.0365	.04279	3.4066	2.4631
Stddev	.00108	.00153	.0013	.00009	.1612	.5310
%RSD	1.3422	4.1980	3.422	.21117	4.7320	21.558

#1	.08147	.03548	.0351	.04271	3.3348	1.8812
#2	.08014	.03545	.0374	.04288	3.2939	2.9214
#3	.07934	.03811	.0371	.04277	3.5913	2.5867

Sample Name: K2241-02 Acquired: 4/30/2019 13:28:20 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOQ 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	4908.8	64202.	5968.5	80.164	5348.1
Stddev	13.2	28.	18.8	.920	13.1
%RSD	.26909	.04316	.31467	1.1480	.24422
#1	4893.6	64232.	5985.1	81.225	5335.8
#2	4914.8	64198.	5948.1	79.583	5346.6
#3	4917.9	64177.	5972.3	79.683	5361.8

Sample Name: PB119341BL Acquired: 4/30/2019 13:37:09 Type: Unk
Method: P4-ICP2(v3081) 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	.00134	.00007	-.00015	-.00072	-.00016	-.00839	.00084	.00004
Stddev	.00087	.00033	.00043	.00170	.00028	.00151	.00045	.00006
%RSD	65.175	485.60	282.83	234.69	178.78	17.961	53.837	155.06
#1	.00233	-.00014	-.00011	-.00029	.00002	-.00854	.00064	.00004
#2	.00096	-.00011	.00025	-.00259	-.00048	-.00982	.00136	.00009
#3	.00072	.00045	-.00060	.00072	-.00001	-.00682	.00052	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00930	.00026	-.00014	-.00030	-.00010	.00002	-.01072
Stddev	.00004	.00740	.00010	.00013	.00014	.00048	.00001	.01564
%RSD	36.413	79.585	40.109	94.340	48.329	477.03	29.433	145.93
#1	-.00007	.01743	.00022	-.00020	-.00019	-.00065	.00002	-.02226
#2	-.00013	.00294	.00018	.00001	-.00046	.00019	.00002	-.01698
#3	-.00015	.00753	.00038	-.00022	-.00025	.00015	.00001	.00708
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00014	-.06398	-.00002	.00008	-.08991	-.00029	.00045
Stddev	.00015	.00022	.00447	.00046	.00015	.04336	.00013	.00394
%RSD	61.897	154.42	6.9904	2122.9	176.59	48.219	45.750	883.16
#1	.00029	-.00005	-.06053	-.00043	.00025	-.09441	-.00035	-.00407
#2	.00036	.00038	-.06237	.00047	-.00004	-.04448	-.00039	.00319
#3	.00007	.00009	-.06903	-.00010	.00004	-.13084	-.00014	.00222
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00569	-.00217	-.00162	-.00080	-.00420	-.0005	-.00003	F 2.6255
Stddev	.00104	.00061	.00077	.00058	.00065	.0010	.00006	.2551
%RSD	18.208	27.945	47.512	72.275	15.423	196.3	237.44	9.7173
#1	-.00532	-.00207	-.00086	-.00120	-.00491	-.0017	-.00009	2.6687
#2	-.00687	-.00282	-.00239	-.00106	-.00406	-.0003	-.00001	2.8562
#3	-.00490	-.00162	-.00160	-.00014	-.00363	.0004	.00003	2.3515

Sample Name: PB119341BL Acquired: 4/30/2019 13:37:09 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7595
Stddev 1.1121
%RSD 63.207

#1 1.8247
#2 2.8375
#3 .61617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5053.6	65810.	5954.6	81.489	5622.8
Stddev	7.5	440.	40.1	.365	12.7
%RSD	.14751	.66893	.67419	.44837	.22631

#1	5047.7	65327.	5910.2	81.767	5614.9
#2	5051.2	66189.	5988.4	81.625	5616.1
#3	5062.0	65914.	5965.2	81.075	5637.5

Sample Name: CCV02 Acquired: 4/30/2019 13:41:38 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9633	4.9465	4.9037	5.0219	4.9522	9.6099	9.9667	.24890
Stddev	.0112	.0207	.0171	.0175	.0117	.0468	.0266	.00082
%RSD	.22651	.41806	.34925	.34767	.23645	.48662	.26653	.32971
#1	4.9595	4.9234	4.8844	5.0039	4.9513	9.6443	9.9962	.24962
#2	4.9544	4.9633	4.9169	5.0229	4.9410	9.5566	9.9445	.24800
#3	4.9759	4.9529	4.9099	5.0388	4.9644	9.6287	9.9595	.24907
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4321	24.812	.98138	2.4559	1.2367	4.9422	2.5011	24.542
Stddev	.0071	.166	.00346	.0097	.0033	.0093	.0039	.085
%RSD	.29285	.66720	.35264	.39326	.26782	.18831	.15493	.34448
#1	2.4242	24.642	.98094	2.4453	1.2347	4.9379	2.5004	24.576
#2	2.4379	24.819	.97815	2.4641	1.2348	4.9359	2.4977	24.445
#3	2.4342	24.973	.98503	2.4583	1.2405	4.9529	2.5053	24.603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4342	1.2247	24.622	2.4628	2.4676	23.839	4.9327	4.7683
Stddev	.0083	.0037	.059	.0033	.0070	.092	.0079	.0353
%RSD	.34150	.30021	.24134	.13443	.28343	.38412	.16082	.73953
#1	2.4247	1.2287	24.690	2.4657	2.4608	23.944	4.9311	4.8088
#2	2.4399	1.2216	24.584	2.4592	2.4748	23.776	4.9256	4.7521
#3	2.4380	1.2236	24.592	2.4634	2.4671	23.798	4.9413	4.7441
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9436	4.8095	4.9173	4.9268	4.7566	5.028	4.9921	F 4.2866
Stddev	.0133	.0115	.0125	.0195	.0074	.012	.0069	.0957
%RSD	.26941	.23955	.25387	.39634	.15612	.2311	.13753	2.2328
#1	4.9282	4.7964	4.9030	4.9101	4.7647	5.020	4.9849	4.1811
#2	4.9513	4.8139	4.9262	4.9219	4.7501	5.041	4.9985	4.3107
#3	4.9513	4.8181	4.9228	4.9483	4.7551	5.021	4.9928	4.3679

Sample Name: CCV02 Acquired: 4/30/2019 13:41:38 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1609
Stddev 1.1426
%RSD 52.875

#1 1.9428
#2 1.1431
#3 3.3968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.7	61705.	5874.2	78.869	4803.0
Stddev	5.7	191.	10.6	1.848	8.7
%RSD	.11938	.30903	.18128	2.3432	.18076

#1	4742.1	61502.	5886.3	78.344	4811.4
#2	4752.3	61880.	5866.5	77.341	4794.0
#3	4742.9	61733.	5869.6	80.923	4803.7

Sample Name: CCB02 Acquired: 4/30/2019 13:45:36 Type: Unk
Method: P4-ICP2(v3081) 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	-.00013	.00072	-.00022	.00052	-.00117	-.01644	.00088	.00001
Stddev	.00120	.00052	.00036	.00135	.00046	.01138	.00017	.00001
%RSD	920.83	72.377	167.17	260.29	39.379	69.211	19.529	269.16
#1	.00125	.00060	-.00060	.00006	-.00076	-.01509	.00072	-.00001
#2	-.00093	.00128	-.00015	-.00054	-.00168	-.00580	.00087	.00000
#3	-.00071	.00027	.00011	.00204	-.00108	-.02844	.00106	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00668	.00006	-.00002	-.00024	.00101	.00001	.02112
Stddev	.00002	.00408	.00012	.00007	.00006	.00014	.00006	.02765
%RSD	23.732	61.092	199.09	436.75	24.378	13.962	459.90	130.93
#1	-.00008	.00225	.00017	-.00009	-.00030	.00085	-.00004	.05002
#2	-.00007	.01029	.00009	.00006	-.00019	.00112	.00008	.01841
#3	-.00011	.00750	-.00007	-.00003	-.00021	.00107	.00000	-.00508
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00037	-.06051	-.00017	-.00011	-.09922	.00020	.01043
Stddev	.00037	.00032	.00475	.00024	.00005	.02344	.00019	.00772
%RSD	46.542	86.393	7.8447	141.64	43.878	23.627	92.450	74.062
#1	.00112	.00019	-.06036	-.00024	-.00013	-.11403	.00040	.01794
#2	.00039	.00073	-.05584	-.00038	-.00006	-.07219	.00019	.00251
#3	.00087	.00018	-.06533	.00010	-.00015	-.11143	.00002	.01084
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00515	.00040	-.00082	.00019	-.00362	-.0016	.00007	F 3.0721
Stddev	.00211	.00195	.00071	.00158	.00099	.0008	.00001	.1279
%RSD	40.954	491.48	86.543	833.89	27.347	50.34	14.876	4.1645
#1	-.00375	.00150	-.00002	.00178	-.00469	-.0015	.00006	2.9679
#2	-.00758	.00154	-.00109	-.00139	-.00342	-.0024	.00008	3.2149
#3	-.00413	-.00185	-.00136	.00018	-.00274	-.0008	.00007	3.0334

Sample Name: CCB02 Acquired: 4/30/2019 13:45:36 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5131
Stddev .1991
%RSD 13.157

#1 1.3416
#2 1.7314
#3 1.4663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5051.5	66322.	6065.2	82.864	5632.0
Stddev	8.3	47.	10.0	1.005	11.5
%RSD	.16454	.07039	.16458	1.2128	.20385

#1	5044.1	66287.	6054.4	81.883	5621.2
#2	5049.8	66375.	6067.0	83.892	5630.8
#3	5060.5	66304.	6074.1	82.817	5644.0

Sample Name: PB119341BS Acquired: 4/30/2019 13:50:05 Type: Unk
Method: P4-ICP2(v3081) 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	.70833	1.8645	.90617	1.8363	.72108	1.7337	.18315
Stddev	.00254	.0037	.00156	.0028	.00064	.0063	.00037
%RSD	.35914	.19645	.17229	.15349	.08905	.36162	.20057

#1	.70842	1.8686	.90536	1.8339	.72170	1.7405	.18356
#2	.71083	1.8615	.90518	1.8357	.72042	1.7281	.18287
#3	.70574	1.8635	.90797	1.8394	.72111	1.7327	.18301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18258	.17544	.96514	.37306	.17976	.29246	2.8538
Stddev	.00034	.00014	.01204	.00051	.00035	.00071	.0049
%RSD	.18762	.07805	1.2475	.13759	.19222	.24328	.17186

#1	.18223	.17533	.96833	.37256	.18000	.29328	2.8517
#2	.18292	.17559	.97526	.37305	.17991	.29203	2.8594
#3	.18260	.17539	.95183	.37358	.17936	.29206	2.8503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19213	1.8148	.44836	.06577	2.7050	.27846	.17718
Stddev	.00062	.0106	.00072	.00017	.0243	.00033	.00015
%RSD	.32278	.58109	.15985	.26421	.89987	.11910	.08690

#1	.19163	1.8248	.44904	.06595	2.7318	.27808	.17735
#2	.19282	1.8157	.44761	.06560	2.6989	.27864	.17712
#3	.19192	1.8038	.44845	.06576	2.6843	.27866	.17706

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7368	.36430	.25671	8.0763	.84487	.60657	.18184
Stddev	.0991	.00104	.00718	.0307	.00294	.00184	.00141
%RSD	1.1338	.28656	2.7955	.38001	.34749	.30403	.77548

#1	8.8476	.36468	.26405	8.1013	.84348	.60448	.18024
#2	8.6568	.36510	.25637	8.0854	.84824	.60729	.18238
#3	8.7060	.36312	.24971	8.0420	.84289	.60795	.18290

Sample Name: PB119341BS Acquired: 4/30/2019 13:50:05 Type: Unk
 Method: P4-ICP2(v3081) 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	.17737	4.933	.18415	F 2.8021	F<.00000
Stddev	.00065	.016	.00045	.2134	2.1484
%RSD	.36714	.3152	.24271	7.6145	261.59
#1	.17765	4.950	.18453	2.6518	-1.8845
#2	.17662	4.919	.18427	3.0463	1.6514
#3	.17783	4.932	.18366	2.7081	-2.2307
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5049.7	65853.	5992.8	82.728	5481.9
Stddev	13.6	183.	7.0	1.560	10.0
%RSD	.26910	.27809	.11602	1.8853	.18230
#1	5042.1	65697.	6000.9	82.425	5478.5
#2	5041.7	66055.	5988.4	84.417	5474.2
#3	5065.4	65808.	5989.2	81.342	5493.2

Sample Name: PB119337BL Acquired: 4/30/2019 13:54:10 Type: Unk
Method: P4-ICP2(v3081) 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	-.00107	-.00040	-.00075	.00137	.00073	.00558	.00075	-.00002
Stddev	.00114	.00059	.00026	.00303	.00034	.00914	.00068	.00005
%RSD	106.11	145.83	34.680	221.48	46.588	163.76	89.736	255.71
#1	-.00119	-.00107	-.00057	-.00009	.00099	.01536	.00036	-.00002
#2	-.00215	-.00012	-.00105	.00485	.00035	.00411	.00154	.00003
#3	.00012	-.00001	-.00064	-.00066	.00086	-.00274	.00037	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00018	.00016	.00009	-.00015	.00105	-.00002	-.02092
Stddev	.00004	.01812	.00016	.00011	.00021	.00019	.00003	.03569
%RSD	65.034	9851.2	97.597	118.67	134.82	18.460	165.72	170.58
#1	-.00002	.01282	.00003	-.00002	.00006	.00103	-.00005	-.01298
#2	-.00007	.00750	.00034	.00020	-.00017	.00126	.00000	.01012
#3	-.00010	-.02088	.00012	.00011	-.00035	.00088	-.00000	-.05991
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00013	-.06295	-.00005	-.00027	-.08554	-.00012	-.00167
Stddev	.00014	.00051	.00323	.00035	.00003	.02840	.00026	.00894
%RSD	19.353	381.55	5.1264	748.92	9.6408	33.203	215.87	536.95
#1	.00076	.00055	-.06603	-.00021	-.00029	-.08258	-.00033	-.00535
#2	.00059	.00028	-.06323	-.00029	-.00024	-.05874	.00017	.00853
#3	.00088	-.00044	-.05959	.00036	-.00027	-.11531	-.00020	-.00818
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00277	-.00136	-.00099	-.00344	-.0009	-.00003	F 2.1264
Stddev	.00100	.00159	.00030	.00066	.00118	.0012	.00008	.1051
%RSD	33.212	57.384	21.910	66.855	34.328	140.2	249.81	4.9413
#1	-.00313	-.00439	-.00159	-.00059	-.00269	.0005	-.00008	2.0476
#2	-.00396	-.00121	-.00102	-.00063	-.00481	-.0013	-.00008	2.0858
#3	-.00197	-.00270	-.00148	-.00176	-.00284	-.0018	.00006	2.2457

Sample Name: PB119337BL Acquired: 4/30/2019 13:54:10 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0465
Stddev .7775
%RSD 74.291

#1 .26537
#2 1.0539
#3 1.8203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5082.6	66504.	6074.0	83.561	5677.1
Stddev	12.8	143.	35.2	.680	5.4
%RSD	.25158	.21480	.57991	.81425	.09522

#1	5070.1	66341.	6061.1	84.217	5671.2
#2	5082.1	66565.	6047.1	82.858	5678.5
#3	5095.7	66606.	6113.9	83.608	5681.7

Sample Name: PB119337BS Acquired: 4/30/2019 13:58:38 Type: Unk
Method: P4-ICP2(v3081) 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	.73828	1.9359	.94468	1.9242	.75245	1.8109	.19161
Stddev	.00409	.0128	.00190	.0075	.00068	.0024	.00155
%RSD	.55391	.66045	.20081	.38947	.09008	.13006	.80943

#1	.74163	1.9217	.94594	1.9157	.75323	1.8086	.19022
#2	.73372	1.9394	.94250	1.9271	.75204	1.8133	.19328
#3	.73948	1.9465	.94561	1.9298	.75207	1.8107	.19133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19011	.18205	.98186	.38634	.18721	.30362	2.9533
Stddev	.00026	.00043	.00333	.00037	.00050	.00115	.0035
%RSD	.13448	.23388	.33948	.09469	.26945	.37975	.11973

#1	.18999	.18156	.98257	.38655	.18778	.30392	2.9523
#2	.19041	.18234	.98478	.38655	.18704	.30460	2.9572
#3	.18994	.18225	.97823	.38592	.18682	.30235	2.9503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19974	1.8994	.46378	.06830	2.8421	.28761	.18277
Stddev	.00025	.0104	.00071	.00017	.0279	.00076	.00022
%RSD	.12690	.54542	.15357	.25350	.98325	.26331	.12207

#1	.20000	1.8879	.46296	.06812	2.8100	.28778	.18256
#2	.19950	1.9021	.46428	.06831	2.8555	.28679	.18301
#3	.19973	1.9081	.46410	.06847	2.8608	.28828	.18275

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1154	.37780	.26727	8.4283	.86851	.63026	.18725
Stddev	.0403	.00090	.01146	.0584	.00379	.00062	.00244
%RSD	.44154	.23746	4.2884	.69327	.43592	.09814	1.3039

#1	9.0740	.37682	.26542	8.3622	.87288	.62968	.18655
#2	9.1544	.37797	.27954	8.4498	.86618	.63018	.18996
#3	9.1177	.37859	.25684	8.4730	.86647	.63091	.18523

Sample Name: PB119337BS Acquired: 4/30/2019 13:58:38 Type: Unk
 Method: P4-ICP2(v3081) 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	.18225	5.146	.19071	F 3.3075	F<.00000
Stddev	.00158	.040	.00027	.0738	.89720
%RSD	.86695	.7729	.14281	2.2318	66.401

#1	.18393	5.102	.19056	3.2544	-2.3828
#2	.18202	5.157	.19055	3.2763	-.75305
#3	.18080	5.179	.19103	3.3918	-.91769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4978.9	65179.	5987.1	83.169	5414.4
Stddev	12.4	123.	46.5	.415	12.9
%RSD	.24993	.18905	.77651	.49911	.23840

#1	4970.7	65064.	5934.8	83.442	5406.1
#2	4972.7	65165.	6023.6	82.692	5407.9
#3	4993.2	65309.	6002.8	83.375	5429.3

Sample Name: PB119342BL Acquired: 4/30/2019 14:02:42 Type: Unk
Method: P4-ICP2(v3081) 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	-.00001	.00050	-.00058	.00067	.00022	-.00966	.00084	-.00001
Stddev	.00083	.00010	.00042	.00182	.00084	.00248	.00078	.00004
%RSD	16091.	20.813	72.783	270.29	380.56	25.706	93.459	664.35
#1	-.00066	.00057	-.00048	.00033	.00118	-.00896	.00033	.00003
#2	-.00028	.00038	-.00104	-.00095	-.00037	-.01242	.00045	-.00005
#3	.00093	.00055	-.00022	.00264	-.00015	-.00760	.00174	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00122	.00008	.00001	-.00030	.00093	.00000	.01480
Stddev	.00001	.01337	.00012	.00016	.00055	.00096	.00003	.03889
%RSD	8.3151	1098.6	155.74	2722.6	183.81	102.74	3579.1	262.83
#1	-.00009	-.01530	-.00006	-.00004	-.00070	.00107	-.00000	.04797
#2	-.00010	.01130	.00011	.00019	-.00052	.00181	-.00003	-.02800
#3	-.00011	.00035	.00019	-.00013	.00032	-.00009	.00003	.02442
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00009	-.07527	-.00007	-.00039	-.07833	-.00020	.00765
Stddev	.00051	.00034	.01169	.00004	.00004	.01954	.00002	.00448
%RSD	86.578	362.57	15.532	58.458	11.095	24.943	9.4713	58.581
#1	.00086	.00001	-.07524	-.00011	-.00044	-.07578	-.00018	.01195
#2	.00092	.00047	-.08697	-.00004	-.00038	-.06019	-.00022	.00798
#3	.00000	-.00020	-.06359	-.00005	-.00036	-.09902	-.00019	.00301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00557	-.00075	-.00170	.00179	-.00398	.0001	-.00006	F 2.9325
Stddev	.00328	.00102	.00078	.00093	.00155	.0005	.00006	.1538
%RSD	58.902	135.70	45.529	52.029	38.810	697.5	90.477	5.2459
#1	-.00936	-.00035	-.00185	.00087	-.00301	-.0004	-.00001	2.9844
#2	-.00383	-.00192	-.00240	.00273	-.00317	.0006	-.00012	2.7594
#3	-.00353	.00001	-.00087	.00178	-.00577	.0000	-.00006	3.0536

Sample Name: PB119342BL Acquired: 4/30/2019 14:02:42 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1295
Stddev .8056
%RSD 37.832

#1 1.2975
#2 2.1852
#3 2.9059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5030.3	65830.	5988.1	81.906	5610.6
Stddev	15.7	250.	13.9	.335	11.7
%RSD	.31206	.37939	.23198	.40904	.20876

#1	5023.9	65581.	5972.7	82.258	5604.7
#2	5018.8	65827.	5999.8	81.867	5603.0
#3	5048.2	66081.	5991.7	81.592	5624.1

Sample Name: PB119342BS Acquired: 4/30/2019 14:07:09 Type: Unk
Method: P4-ICP2(v3081) 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	.72482	1.9126	.93454	1.8846	.73852	1.7748	.18768
Stddev	.00494	.0092	.00380	.0100	.00087	.0208	.00175
%RSD	.68179	.48254	.40670	.53266	.11792	1.1704	.93504

#1	.72650	1.9232	.93777	1.8960	.73938	1.7813	.18848
#2	.71926	1.9082	.93550	1.8810	.73764	1.7916	.18890
#3	.72870	1.9064	.93036	1.8769	.73855	1.7516	.18567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18819	.18044	.99183	.38493	.18473	.30073	2.9435
Stddev	.00119	.00047	.00546	.00300	.00036	.00126	.0120
%RSD	.63316	.25861	.55047	.78061	.19747	.41976	.40837

#1	.18954	.18097	.99712	.38787	.18434	.30207	2.9568
#2	.18777	.18008	.98622	.38506	.18478	.30053	2.9403
#3	.18727	.18028	.99216	.38186	.18506	.29957	2.9335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19797	1.8918	.46015	.06779	2.7812	.28726	.18036
Stddev	.00117	.0184	.00121	.00030	.0282	.00164	.00010
%RSD	.59183	.97155	.26308	.43620	1.0144	.56965	.05632

#1	.19932	1.9124	.46155	.06811	2.8043	.28914	.18040
#2	.19721	1.8862	.45957	.06773	2.7897	.28613	.18044
#3	.19740	1.8769	.45935	.06753	2.7498	.28651	.18025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9638	.37232	.25765	9.1422	.87005	.62124	.18590
Stddev	.1045	.00160	.01101	.0496	.00414	.00253	.00077
%RSD	1.1653	.43097	4.2745	.54235	.47586	.40679	.41372

#1	9.0819	.37416	.24507	9.1980	.86856	.62360	.18650
#2	8.9263	.37127	.26558	9.1030	.86686	.61857	.18617
#3	8.8833	.37151	.26229	9.1257	.87473	.62153	.18503

Sample Name: PB119342BS Acquired: 4/30/2019 14:07:09 Type: Unk
 Method: P4-ICP2(v3081) 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	.18455	5.068	.19038	F 3.0643	F<.00000
Stddev	.00176	.026	.00018	.0563	.59734
%RSD	.95591	.5209	.09260	1.8379	96.922

#1	.18330	5.098	.19054	3.1116	-.88140
#2	.18378	5.050	.19041	3.0793	.06770
#3	.18657	5.054	.19019	3.0020	-1.0352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5049.0	65531.	5931.8	82.458	5480.2
Stddev	21.5	554.	8.2	.714	16.2
%RSD	.42498	.84465	.13832	.86542	.29570

#1	5024.6	64963.	5926.2	81.700	5461.9
#2	5057.4	65559.	5941.2	83.117	5486.4
#3	5064.9	66069.	5927.9	82.558	5492.5

Sample Name: K2241-01 Acquired: 4/30/2019 14:11:12 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOD=1/2/CRQL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	.00957	.00208	.00595	.01156	.01877	.02532	.00148
Stddev	.00148	.00123	.00068	.00165	.00112	.00923	.00014	.00004
%RSD	28.155	12.865	32.871	27.688	9.6739	49.199	.55595	2.4259
#1	.00616	.01055	.00238	.00658	.01101	.01512	.02530	.00147
#2	.00354	.00819	.00257	.00408	.01285	.02927	.02548	.00152
#3	.00603	.00998	.00130	.00720	.01083	.01191	.02520	.00144
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	.50774	.00263	.00695	.00496	.02755	.00532	.48883
Stddev	.00002	.00200	.00031	.00006	.00018	.00106	.00002	.00820
%RSD	1.2433	.39488	11.621	.85892	3.5683	3.8614	.32624	1.6776
#1	.00130	.50971	.00229	.00691	.00497	.02815	.00531	.49232
#2	.00131	.50779	.00273	.00693	.00478	.02632	.00534	.49471
#3	.00133	.50570	.00288	.00702	.00514	.02818	.00531	.47947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00989	.00258	.42220	.00948	.01184	.37630	.04902	.02245
Stddev	.00015	.00057	.00655	.00022	.00008	.01366	.00017	.01012
%RSD	1.5352	21.981	1.5517	2.3507	.66683	3.6311	.34786	45.068
#1	.00975	.00303	.42646	.00963	.01176	.37566	.04886	.01374
#2	.00986	.00278	.42549	.00922	.01192	.39028	.04902	.03354
#3	.01005	.00194	.41466	.00959	.01184	.36297	.04920	.02006
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	.09246	.00773	.01066	-.00052	.0035	.00502	2.5058
Stddev	.00143	.00241	.00026	.00200	.00076	.0005	.00008	.0646
%RSD	51.425	2.6081	3.3155	18.767	144.44	13.96	1.6158	2.5789
#1	.00422	.08973	.00754	.01276	-.00062	.0040	.00507	2.5516
#2	.00277	.09428	.00763	.00878	.00028	.0030	.00493	2.4319
#3	.00136	.09339	.00803	.01044	-.00123	.0035	.00506	2.5340

Sample Name: K2241-01 Acquired: 4/30/2019 14:11:12 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LOD=1/2/CRQL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0891
 Stddev 1.3734
 %RSD 65.743

#1 2.7910
 #2 .50656
 #3 2.9698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5107.1	67028.	6112.8	84.764	5652.1
Stddev	2.4	315.	43.0	1.671	5.0
%RSD	.04706	.46991	.70406	1.9713	.08894

#1	5104.4	66800.	6125.9	85.408	5657.9
#2	5109.2	66898.	6147.8	86.017	5649.2
#3	5107.5	67388.	6064.8	82.867	5649.3

Sample Name: K2241-07RE Acquired: 4/30/2019 14:15:41 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200.7 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	.00748	.01075	.00388	.00569	.01339	.02449	.02873	.00168	.00141
Stddev	.00096	.00019	.00030	.00141	.00049	.00746	.00055	.00005	.00003
%RSD	12.828	1.7675	7.8239	24.860	3.6379	30.450	1.9031	2.9488	1.8624
#1	.00761	.01096	.00367	.00535	.01283	.01591	.02812	.00167	.00141
#2	.00646	.01071	.00423	.00448	.01369	.02941	.02891	.00164	.00143
#3	.00837	.01059	.00374	.00725	.01365	.02814	.02917	.00174	.00138
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57969	.00282	.00754	.00594	.03089	.00607	.53872	.01008	.00311
Stddev	.00451	.00007	.00005	.00010	.00038	.00005	.02128	.00020	.00022
%RSD	.77829	2.4755	.64379	1.6124	1.2365	.83145	3.9507	1.9631	7.1191
#1	.57816	.00280	.00751	.00587	.03070	.00612	.54871	.01010	.00326
#2	.57614	.00290	.00752	.00605	.03063	.00604	.51428	.00987	.00321
#3	.58477	.00276	.00760	.00591	.03133	.00604	.55317	.01027	.00285
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	.48409	.01049	.01333	.40937	.05490	.01976	.00710	.10941	.00895
Stddev	.00751	.00030	.00013	.03713	.00059	.00630	.00259	.00076	.00050
%RSD	1.5507	2.8575	.97037	9.0700	1.0818	31.862	36.435	.69300	5.5354
#1	.48207	.01038	.01319	.43033	.05557	.01321	.00422	.10923	.00845
#2	.49240	.01083	.01344	.43129	.05443	.02577	.00783	.10875	.00944
#3	.47779	.01026	.01338	.36650	.05470	.02030	.00923	.11024	.00894
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.00986	.00216	.0036	.00556	4.7267	2.8769			
Stddev	.00259	.00141	.0010	.00013	.2126	.4378			
%RSD	26.278	65.473	27.98	2.3083	4.4978	15.217			
#1	.00805	.00326	.0031	.00542	4.5169	2.7363			
#2	.00870	.00056	.0048	.00566	4.9420	3.3677			
#3	.01283	.00266	.0030	.00561	4.7212	2.5267			

Sample Name: K2241-07RE Acquired: 4/30/2019 14:15:41 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200.7 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	4638.3	60833.	5593.7	76.961	5153.7
Stddev	22.6	189.	20.6	2.294	22.3
%RSD	.48709	.31042	.36797	2.9804	.43313
#1	4612.3	60616.	5569.9	74.492	5132.0
#2	4649.3	60961.	5606.8	77.367	5152.5
#3	4653.3	60923.	5604.2	79.025	5176.6

Sample Name: K2554-03 Acquired: 4/30/2019 14:20:08 Type: Unk
Method: P4-ICP2(v3081) 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	.00049	-.00006	.00301	-.00102	-.00117	.02092	.09699	.00004
Stddev	.00200	.00088	.00153	.00332	.00052	.00683	.00020	.00002
%RSD	406.75	1388.6	50.629	325.93	44.126	32.662	.21012	40.913

#1	-.00145	-.00022	.00137	-.00311	-.00137	.02846	.09711	.00003
#2	.00039	-.00085	.00328	.00281	-.00059	.01912	.09711	.00003
#3	.00253	.00088	.00439	-.00275	-.00156	.01516	.09676	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	4.6981	-.00001	.00036	.00006	.00191	.02405	.94544
Stddev	.00004	.0277	.00024	.00005	.00025	.00051	.00019	.02562
%RSD	1345.6	.58923	2267.5	15.112	413.30	26.783	.78541	2.7094

#1	-.00002	4.7281	.00019	.00034	-.00008	.00231	.02427	.97497
#2	-.00002	4.6735	-.00028	.00032	.00036	.00209	.02394	.93214
#3	.00005	4.6927	.00005	.00042	-.00009	.00134	.02394	.92921

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00025	168.73	.00011	.07841	.37008	-.00022	.01975
Stddev	.00011	.00020	.55	.00020	.00044	.00259	.00017	.01263
%RSD	33.692	78.312	.32675	179.15	.55791	.70037	77.961	63.957

#1	-.00023	.00016	168.14	-.00011	.07884	.37187	-.00042	.00986
#2	-.00043	.00012	169.24	.00027	.07796	.36711	-.00011	.01541
#3	-.00027	.00048	168.80	.00016	.07844	.37127	-.00013	.03398

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16017	.20992	-.00050	-.00047	-.00371	-.0015	.03093	4.3349
Stddev	.00089	.00330	.00045	.00112	.00109	.0007	.00015	.2025
%RSD	.55519	1.5704	91.212	236.19	29.393	46.21	.47086	4.6713

#1	.15994	.21135	.00003	-.00113	-.00297	-.0022	.03102	4.2083
#2	.15942	.20615	-.00078	.00082	-.00320	-.0014	.03076	4.5684
#3	.16115	.21226	-.00073	-.00111	-.00497	-.0008	.03100	4.2278

Sample Name: K2554-03 Acquired: 4/30/2019 14:20:08 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.8211
 Stddev .8323
 %RSD 8.4746

#1 8.8827
 #2 10.470
 #3 10.111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4736.3	61259.	5971.5	81.455	4847.6
Stddev	19.0	69.	23.3	.892	17.1
%RSD	.40070	.11299	.39005	1.0956	.35293

#1	4714.8	61220.	5953.6	81.052	4829.2
#2	4743.2	61338.	5997.9	82.478	4850.5
#3	4750.8	61217.	5963.1	80.835	4863.0

Sample Name: K2578-02 Acquired: 4/30/2019 14:24:32 Type: Unk
Method: P4-ICP2(v3081) 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	.00066	-.00045	.00630	-.00016	-.00012	.05118	.10834	-.00000
Stddev	.00137	.00051	.00098	.00096	.00088	.00641	.00102	.00001
%RSD	206.60	112.92	15.621	598.95	764.04	12.525	.93750	618.28

#1	.00088	-.00086	.00724	-.00103	.00063	.05654	.10767	-.00000
#2	.00191	-.00062	.00637	-.00033	.00011	.04408	.10784	-.00001
#3	-.00080	.00012	.00528	.00088	-.00109	.05291	.10951	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	8.4964	.00027	.00050	.00794	.12460	.02935	.57915
Stddev	.00006	.0138	.00017	.00026	.00027	.00134	.00017	.01723
%RSD	23.964	.16211	62.502	53.224	3.4007	1.0771	.58097	2.9750

#1	.00026	8.4813	.00035	.00069	.00768	.12340	.02929	.57972
#2	.00018	8.4998	.00038	.00060	.00790	.12436	.02954	.56164
#3	.00030	8.5082	.00008	.00020	.00822	.12605	.02921	.59608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00037	388.60	.00052	.08015	2.5266	.00064	.02700
Stddev	.00024	.00007	5.66	.00024	.00008	.0799	.00011	.01095
%RSD	11.162	18.538	1.4557	46.286	.10585	3.1632	17.246	40.544

#1	.00216	.00041	386.96	.00050	.08024	2.4481	.00057	.02196
#2	.00192	.00040	383.94	.00029	.08008	2.5239	.00059	.03956
#3	.00241	.00029	394.89	.00077	.08013	2.6079	.00077	.01948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8998	.43659	-.00126	.00125	.00205	.1370	.10168	4.4633
Stddev	.0112	.00482	.00089	.00154	.00116	.0012	.00036	.3457
%RSD	.58999	1.1030	70.522	123.57	56.448	.8971	.35815	7.7451

#1	1.8868	.43664	-.00200	.00292	.00072	.1384	.10143	4.5523
#2	1.9065	.44138	-.00027	-.00011	.00277	.1361	.10150	4.0818
#3	1.9060	.43175	-.00152	.00093	.00267	.1366	.10209	4.7558

Sample Name: K2578-02 Acquired: 4/30/2019 14:24:32 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.435
 Stddev .533
 %RSD 4.2845

#1 12.429
 #2 12.971
 #3 11.905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4630.0	59118.	5959.5	80.867	4633.2
Stddev	5.0	457.	22.0	1.275	11.0
%RSD	.10699	.77276	.36959	1.5771	.23657

#1	4628.9	59572.	5950.7	82.025	4630.0
#2	4635.3	59122.	5943.3	79.500	4645.4
#3	4625.6	58658.	5984.6	81.075	4624.2

Sample Name: PB119313BL Acquired: 4/30/2019 14:29:18 Type: Unk
Method: P4-ICP2(v3081) 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	.00048	.00115	-.00038	.00089	-.00035	-.00854	.00083
Stddev	.00223	.00031	.00077	.00086	.00036	.00999	.00044
%RSD	468.59	26.704	204.03	96.537	101.92	116.98	52.803

#1	-.00188	.00080	-.00088	.00098	-.00013	-.00225	.00046
#2	.00256	.00128	-.00077	-.00001	-.00076	-.00330	.00072
#3	.00075	.00138	.00051	.00170	-.00016	-.02005	.00131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00016	-.00079	.00028	-.00000	-.00029	.00069
Stddev	.00000	.00002	.00560	.00013	.00022	.00030	.00131
%RSD	11.369	10.362	704.38	45.026	5606.8	100.13	190.90

#1	.00002	-.00015	.00547	.00015	.00017	-.00012	.00147
#2	.00002	-.00017	-.00532	.00040	-.00025	-.00013	.00142
#3	.00002	-.00014	-.00253	.00030	.00007	-.00064	-.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01538	.00019	.00015	.09545	-.00001	-.00050
Stddev	.00005	.00275	.00024	.00033	.01172	.00012	.00002
%RSD	178.74	17.873	127.71	216.88	12.279	1157.6	3.9939

#1	-.00009	.01841	.00017	.00002	.09809	.00010	-.00050
#2	.00001	.01303	-.00004	-.00009	.10562	.00001	-.00052
#3	-.00001	.01471	.00044	.00053	.08263	-.00014	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03938	-.00017	.01103	F -.01065	-.00126	-.00171	-.00008
Stddev	.03575	.00030	.00555	.00135	.00154	.00042	.00101
%RSD	90.765	181.26	50.333	12.692	122.18	24.393	1287.0

#1	-.05254	-.00040	.01638	-.00920	-.00299	-.00207	.00050
#2	-.06668	-.00027	.01139	-.01188	-.00080	-.00125	-.00125
#3	.00108	.00017	.00530	-.01086	-.00001	-.00181	.00051

Sample Name: PB119313BL Acquired: 4/30/2019 14:29:18 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00238	-0.0020	-0.00006	F 2.6980	F 3.2646
Stddev	.00205	.0013	.00005	.1176	1.7102
%RSD	85.964	63.36	92.627	4.3597	52.386
#1	-0.00359	-0.0035	-0.00001	2.7327	1.6880
#2	-0.00002	-0.0012	-0.00012	2.7944	5.0827
#3	-0.00353	-0.0014	-0.00004	2.5670	3.0231
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4982.5	64690.	5851.7	79.644	5553.3
Stddev	11.2	78.	19.2	1.046	18.9
%RSD	.22577	.12032	.32752	1.3132	.33986
#1	4969.6	64622.	5839.6	78.592	5535.7
#2	4987.5	64672.	5841.7	80.683	5551.0
#3	4990.4	64775.	5873.8	79.658	5573.2

Sample Name: CCV03 Acquired: 4/30/2019 14:33:45 Type: Unk
Method: P4-ICP2(v3081) 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	5.1591	5.1256	5.0918	5.1982	5.1162	9.9424	10.293	.25903
Stddev	.0111	.0133	.0040	.0171	.0145	.0747	.067	.00068
%RSD	.21484	.25944	.07908	.32959	.28316	.75178	.64860	.26166
#1	5.1531	5.1391	5.0942	5.1969	5.1242	9.8647	10.216	.25873
#2	5.1719	5.1125	5.0871	5.2160	5.1250	10.014	10.323	.25980
#3	5.1524	5.1253	5.0939	5.1818	5.0995	9.9488	10.339	.25855
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5239	25.766	1.0177	2.5515	1.2802	5.1241	2.5996	25.537
Stddev	.0019	.080	.0013	.0017	.0021	.0063	.0046	.151
%RSD	.07687	.31200	.12527	.06546	.16100	.12326	.17832	.59297
#1	2.5252	25.740	1.0177	2.5510	1.2824	5.1221	2.5989	25.367
#2	2.5217	25.856	1.0190	2.5501	1.2801	5.1312	2.6046	25.588
#3	2.5249	25.701	1.0165	2.5534	1.2782	5.1191	2.5954	25.656
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5192	1.2662	25.295	2.5479	2.5652	24.552	5.1139	4.9147
Stddev	.0031	.0025	.165	.0048	.0025	.139	.0086	.0141
%RSD	.12116	.20050	.65092	.18689	.09887	.56631	.16727	.28732
#1	2.5226	1.2669	25.105	2.5489	2.5677	24.397	5.1151	4.9001
#2	2.5167	1.2684	25.387	2.5520	2.5626	24.590	5.1217	4.9283
#3	2.5183	1.2634	25.393	2.5427	2.5652	24.667	5.1048	4.9155
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1502	5.0040	5.1142	5.1227	4.9092	5.223	5.1581	4.9529
Stddev	.0030	.0225	.0105	.0103	.0213	.004	.0236	.0879
%RSD	.05740	.44927	.20609	.20149	.43450	.0755	.45657	1.7748
#1	5.1536	5.0268	5.1226	5.1111	4.9062	5.222	5.1541	5.0165
#2	5.1487	4.9818	5.1024	5.1309	4.8895	5.220	5.1367	4.9898
#3	5.1482	5.0034	5.1177	5.1260	4.9319	5.228	5.1833	4.8526

Sample Name: CCV03 Acquired: 4/30/2019 14:33:45 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1699
Stddev 1.6253
%RSD 38.977

#1 2.6856
#2 3.9174
#3 5.9066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4629.6	60412.	5736.0	77.986	4681.6
Stddev	9.9	4.	35.2	2.699	3.6
%RSD	.21433	.00722	.61309	3.4604	.07682

#1	4628.0	60417.	5705.9	75.920	4677.9
#2	4620.6	60411.	5774.7	77.000	4681.6
#3	4640.2	60408.	5727.5	81.039	4685.1

Sample Name: CCB03 Acquired: 4/30/2019 14:38:08 Type: Unk
 Method: P4-ICP2(v3081) 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	.00114	.00043	-.00028	.00042	-.00232	.00075	-.00003
Stddev	.00041	.00050	.00040	.00208	.00023	.00411	.00043	.00003
%RSD	24.262	44.413	92.078	752.90	54.795	177.27	57.044	78.786
#1	.00146	.00142	.00047	.00200	.00037	-.00267	.00042	-.00006
#2	.00218	.00143	.00081	-.00207	.00067	-.00625	.00061	-.00003
#3	.00146	.00055	.00002	-.00076	.00022	.00196	.00124	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00611	.00017	-.00007	-.00033	.00051	.00001	-.03170
Stddev	.00002	.00955	.00037	.00012	.00029	.00035	.00001	.03718
%RSD	131.87	156.32	220.29	159.91	88.345	69.733	178.27	117.28
#1	.00001	-.01703	.00035	.00006	-.00046	.00052	.00000	-.00160
#2	-.00003	-.00197	-.00026	-.00016	.00000	.00085	-.00000	-.02025
#3	-.00002	.00067	.00042	-.00012	-.00053	.00015	.00002	-.07326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00017	-.02922	.00008	.00036	-.07590	.00012	.00059
Stddev	.00028	.00048	.00808	.00031	.00003	.03779	.00006	.00321
%RSD	493.33	273.37	27.652	375.53	8.5119	49.785	53.341	545.58
#1	-.00003	.00072	-.03855	.00009	.00033	-.11882	.00005	.00403
#2	-.00035	-.00008	-.02455	-.00023	.00038	-.06126	.00012	-.00232
#3	.00021	-.00012	-.02456	.00040	.00038	-.04763	.00018	.00005
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00022	-.00101	.00053	-.00361	-.0013	.00005	F 2.4673
Stddev	.00250	.00147	.00078	.00112	.00184	.0010	.00005	.1313
%RSD	379.23	680.78	77.993	212.13	51.039	74.46	100.62	5.3223
#1	-.00269	.00071	-.00031	.00137	-.00269	-.0009	.00009	2.5052
#2	-.00143	-.00144	-.00085	.00097	-.00241	-.0025	.00006	2.5755
#3	.00214	.00137	-.00185	-.00075	-.00574	-.0006	-.00001	2.3212

Sample Name: CCB03 Acquired: 4/30/2019 14:38:08 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8421
 Stddev .7374
 %RSD 40.031

#1 2.0709
 #2 1.0174
 #3 2.4381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5014.0	65161.	6011.0	81.231	5598.2
Stddev	7.0	180.	43.7	1.582	14.0
%RSD	.13939	.27685	.72741	1.9476	.24953

#1	5013.1	65049.	5965.1	81.517	5593.5
#2	5007.5	65369.	6015.5	79.525	5587.2
#3	5021.4	65065.	6052.2	82.650	5613.9

Sample Name: PB119313BS Acquired: 4/30/2019 14:42:36 Type: Unk
Method: P4-ICP2(v3081) 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	.72378	1.9100	.92903	1.8802	.73954	1.7945	.18730
Stddev	.00436	.0069	.00265	.0014	.00266	.0059	.00109
%RSD	.60281	.35991	.28539	.07429	.35958	.32770	.58077

#1	.72881	1.9166	.93209	1.8813	.74076	1.8007	.18819
#2	.72104	1.9029	.92754	1.8808	.73649	1.7889	.18762
#3	.72148	1.9105	.92747	1.8787	.74137	1.7940	.18609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18745	.17991	.97811	.38478	.18446	.29957	2.9357
Stddev	.00047	.00046	.01008	.00111	.00051	.00125	.0047
%RSD	.25072	.25528	1.0303	.28730	.27598	.41610	.16033

#1	.18724	.18041	.97031	.38499	.18505	.30022	2.9332
#2	.18712	.17950	.97453	.38358	.18418	.29814	2.9327
#3	.18799	.17983	.98949	.38576	.18415	.30037	2.9411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19756	1.8643	.45990	.06689	2.8051	.28521	.18050
Stddev	.00029	.0444	.00122	.00036	.0116	.00050	.00038
%RSD	.14824	2.3831	.26453	.54284	.41431	.17563	.21016

#1	.19754	1.8210	.46059	.06730	2.8165	.28546	.18090
#2	.19729	1.8623	.45850	.06679	2.8055	.28463	.18014
#3	.19787	1.9098	.46062	.06659	2.7933	.28553	.18046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9615	.37341	.27165	8.2269	.86955	.62148	.18706
Stddev	.0220	.00112	.00455	.0298	.00477	.00149	.00202
%RSD	.24585	.30009	1.6744	.36187	.54838	.23949	1.0775

#1	8.9549	.37452	.26667	8.2543	.87110	.62310	.18643
#2	8.9861	.37228	.27558	8.1952	.86421	.62117	.18544
#3	8.9436	.37344	.27269	8.2311	.87336	.62017	.18932

Sample Name: PB119313BS Acquired: 4/30/2019 14:42:36 Type: Unk
Method: P4-ICP2(v3081) 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	.18319	5.047	.18836	F 2.7251	F<.00000
Stddev	.00223	.014	.00068	.1506	.27913
%RSD	1.2189	.2792	.36079	5.5267	46.449

#1	.18062	5.053	.18775	2.7530	-.79932
#2	.18426	5.031	.18823	2.8598	-.72175
#3	.18469	5.058	.18909	2.5625	-.28176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4989.9	64693.	5895.5	82.297	5419.8
Stddev	9.8	196.	32.3	1.304	13.7
%RSD	.19628	.30259	.54797	1.5840	.25361

#1	4980.4	64467.	5919.2	83.233	5405.0
#2	5000.0	64812.	5908.7	80.808	5432.1
#3	4989.2	64800.	5858.7	82.850	5422.4

Sample Name: PB119326BL Acquired: 4/30/2019 14:46:41 Type: Unk
Method: P4-ICP2(v3081) 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	.00102	.00056	.00029	.00050	-.00008	-.00982	.00045	-.00001
Stddev	.00140	.00084	.00030	.00140	.00057	.00587	.00074	.00006
%RSD	137.52	149.39	105.52	279.49	753.80	59.839	166.41	724.60
#1	-.00054	-.00041	-.00005	.00209	-.00018	-.00668	.00011	.00000
#2	.00218	.00105	.00055	-.00054	.00054	-.00618	-.00007	.00004
#3	.00141	.00104	.00036	-.00005	-.00058	-.01659	.00130	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00474	.00014	-.00006	-.00012	.00055	-.00000	.02965
Stddev	.00005	.00301	.00017	.00002	.00039	.00074	.00005	.01013
%RSD	56.485	63.355	120.76	36.806	313.48	133.39	3895.4	34.176
#1	-.00005	.00213	.00011	-.00006	.00022	-.00028	-.00001	.01801
#2	-.00015	.00407	.00033	-.00003	-.00004	.00112	.00005	.03444
#3	-.00007	.00803	-.00001	-.00008	-.00055	.00083	-.00004	.03651
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00008	-.05754	-.00017	-.00055	-.12952	-.00041	.00265
Stddev	.00021	.00003	.01245	.00058	.00002	.01100	.00018	.00613
%RSD	46.671	33.446	21.642	347.50	3.3329	8.4954	43.853	231.35
#1	.00039	-.00010	-.07104	.00005	-.00057	-.13544	-.00029	.00098
#2	.00068	-.00005	-.04649	-.00082	-.00055	-.11682	-.00033	-.00247
#3	.00027	-.00009	-.05510	.00027	-.00054	-.13630	-.00062	.00944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00958	.00052	-.00167	-.00071	-.00278	-.0015	-.00002	F 2.5114
Stddev	.00163	.00202	.00057	.00117	.00020	.0001	.00006	.2040
%RSD	16.999	391.62	33.886	164.00	7.3180	9.417	315.62	8.1235
#1	-.01109	-.00051	-.00204	-.00140	-.00301	-.0014	.00004	2.5944
#2	-.00980	-.00079	-.00102	-.00138	-.00273	-.0017	-.00008	2.6608
#3	-.00786	.00285	-.00195	.00064	-.00261	-.0015	-.00001	2.2790

Sample Name: PB119326BL Acquired: 4/30/2019 14:46:41 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9188
Stddev 1.2197
%RSD 63.564

#1 .58237
#2 2.2022
#3 2.9718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5026.8	65577.	5954.4	81.747	5610.1
Stddev	6.5	369.	15.3	.972	9.1
%RSD	.12892	.56263	.25627	1.1889	.16264

#1	5021.7	65407.	5962.9	82.025	5618.1
#2	5024.7	65325.	5963.5	80.667	5600.2
#3	5034.1	66001.	5936.8	82.550	5611.9

Sample Name: PB119326BS Acquired: 4/30/2019 14:51:09 Type: Unk
Method: P4-ICP2(v3081) 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	.76729	1.9991	.98467	1.9930	.77948	1.8979	.20014
Stddev	.00426	.0120	.00207	.0107	.00426	.0040	.00083
%RSD	.55581	.60179	.21070	.53633	.54611	.20795	.41389

#1	.76997	2.0079	.98605	2.0050	.78384	1.8987	.20060
#2	.76238	1.9854	.98567	1.9846	.77533	1.9015	.20064
#3	.76953	2.0040	.98228	1.9892	.77927	1.8937	.19919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19957	.18922	1.0533	.40362	.19469	.31570	3.1038
Stddev	.00101	.00065	.0217	.00311	.00047	.00037	.0145
%RSD	.50640	.34309	2.0573	.76957	.23904	.11807	.46639

#1	.20002	.18994	1.0685	.40388	.19521	.31550	3.1098
#2	.20028	.18905	1.0285	.40660	.19452	.31613	3.1143
#3	.19841	.18868	1.0629	.40040	.19433	.31547	3.0873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21074	1.9859	.48028	.07163	2.9672	.30061	.19061
Stddev	.00085	.0458	.00118	.00067	.0129	.00105	.00070
%RSD	.40279	2.3060	.24518	.92975	.43413	.35092	.36463

#1	.21131	2.0134	.48106	.07211	2.9786	.30070	.19134
#2	.21114	2.0112	.48085	.07192	2.9698	.30162	.19053
#3	.20977	1.9330	.47892	.07087	2.9532	.29951	.18996

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4696	.39169	.28005	9.6253	.91620	.65085	.19581
Stddev	.1081	.00158	.01456	.0433	.00796	.00291	.00229
%RSD	1.1414	.40428	5.1983	.45012	.86840	.44651	1.1720

#1	9.5894	.39342	.29628	9.6739	.91197	.65420	.19703
#2	9.4400	.39031	.26816	9.5908	.91126	.64896	.19316
#3	9.3795	.39133	.27570	9.6112	.92538	.64940	.19723

Sample Name: PB119326BS Acquired: 4/30/2019 14:51:09 Type: Unk
Method: P4-ICP2(v3081) 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	.19329	5.313	.20020	F 4.1717	F<.00000
Stddev	.00291	.027	.00048	.0652	.75086
%RSD	1.5034	.5012	.24008	1.5636	42.663

#1	.18994	5.341	.19970	4.1309	-1.9459
#2	.19511	5.288	.20066	4.2470	-.93364
#3	.19483	5.311	.20024	4.1374	-2.4004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4820.5	62808.	5740.1	78.553	5253.8
Stddev	11.7	499.	15.5	1.059	13.3
%RSD	.24282	.79491	.27060	1.3486	.25222

#1	4807.5	62361.	5726.8	77.392	5239.9
#2	4824.1	62717.	5736.3	79.467	5255.1
#3	4830.0	63347.	5757.2	78.800	5266.3

Sample Name: PB119326TB Acquired: 4/30/2019 14:55:13 Type: Unk
Method: P4-ICP2(v3081) 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	-.00169	-.00188	.00029	.00230	-.00007	-.00842	.00088	-.00007
Stddev	.00301	.00062	.00010	.00072	.00078	.00449	.00021	.00006
%RSD	178.51	32.720	35.589	31.313	1160.8	53.317	23.502	92.437
#1	-.00496	-.00156	.00038	.00225	.00046	-.00867	.00078	-.00001
#2	-.00104	-.00259	.00032	.00304	-.00096	-.00381	.00075	-.00013
#3	.00095	-.00149	.00018	.00160	.00030	-.01278	.00112	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.01168	.00061	-.00020	.00000	.00383	.00036	-.00191
Stddev	.00004	.01116	.00015	.00011	.00028	.00023	.00003	.02471
%RSD	22.680	95.502	23.994	53.518	20911.	5.9719	7.8883	1293.9
#1	-.00021	.01493	.00069	-.00015	-.00032	.00357	.00040	.00245
#2	-.00013	.02085	.00044	-.00013	.00019	.00394	.00036	-.02852
#3	-.00018	-.00074	.00070	-.00033	.00014	.00398	.00034	.02033
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.00129	F 301.91	-.00011	.00125	.01189	.00001	-.00506
Stddev	.00012	.00022	1.87	.00032	.00003	.02670	.00027	.01018
%RSD	6.4019	17.084	.61834	283.00	2.1277	224.48	1959.0	201.25
#1	.00178	.00135	299.95	-.00044	.00123	-.01828	.00032	-.00748
#2	.00174	.00105	303.66	.00020	.00128	.03246	-.00006	.00611
#3	.00196	.00148	302.12	-.00010	.00124	.02150	-.00022	-.01380
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00458	.00227	.00037	-.00036	-.00354	-.0027	-.00001	3.4114
Stddev	.00320	.00170	.00103	.00103	.00125	.0002	.00004	.1338
%RSD	69.773	74.808	280.31	286.50	35.463	7.721	270.31	3.9233
#1	-.00481	.00368	.00129	-.00109	-.00327	-.0029	-.00005	3.5576
#2	-.00766	.00273	.00056	.00082	-.00490	-.0025	.00002	3.3817
#3	-.00128	.00039	-.00075	-.00081	-.00244	-.0027	-.00000	3.2949

Sample Name: PB119326TB Acquired: 4/30/2019 14:55:13 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.9059
Stddev	1.0092
%RSD	10.188

#1	9.0444
#2	11.016
#3	9.6569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4961.8	64117.	6288.7	86.117	5064.7
Stddev	13.6	246.	51.1	.609	7.1
%RSD	.27413	.38296	.81190	.70720	.14083

#1	4957.7	64068.	6232.8	85.525	5057.1
#2	4950.6	63899.	6300.3	86.083	5065.8
#3	4976.9	64383.	6332.9	86.742	5071.3

Sample Name: LR CHECK 1 Acquired: 4/30/2019 14:59:51 Type: Unk
Method: P4-ICP2(v3081) 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	-.11827	.01123	-.01795	.08192	.07828	1929.4	.01366	.05017
Stddev	.00369	.00812	.00117	.01077	.00585	9.0	.00039	.00038
%RSD	3.1163	72.348	6.5256	13.151	7.4703	.46416	2.8362	.75301

#1	-.12252	.00870	-.01920	.08321	.07601	1939.7	.01405	.05058
#2	-.11595	.00467	-.01687	.09199	.07390	1924.3	.01327	.05007
#3	-.11634	.02031	-.01778	.07056	.08492	1924.1	.01366	.04984

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10130	1679.4	-.10488	.07703	.06714	980.63	-.00693	1726.6
Stddev	.00213	18.8	.00109	.00113	.00341	5.11	.00047	5.1
%RSD	2.1037	1.1196	1.0385	1.4680	5.0746	.52103	6.7868	.29633

#1	.10326	1680.2	-.10444	.07748	.06400	982.16	-.00648	1732.4
#2	.09903	1697.8	-.10612	.07575	.06664	984.80	-.00742	1723.1
#3	.10161	1660.2	-.10409	.07787	.07076	974.93	-.00690	1724.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06810	-.19579	1912.2	.01028	.16652	924.80	-.01359	-.35628
Stddev	.00059	.00116	10.9	.00064	.00474	12.46	.00103	.01297
%RSD	.87312	.59164	.57088	6.2428	2.8440	1.3478	7.6116	3.6400

#1	.06838	-.19645	1924.8	.01067	.16756	938.88	-.01429	-.36878
#2	.06742	-.19445	1905.3	.00954	.16135	920.35	-.01407	-.34289
#3	.06850	-.19647	1906.5	.01062	.17065	915.17	-.01240	-.35715

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41470	-.01686	.05493	-.05069	.08850	.0416	-1.0636	<.00000
Stddev	.00627	.00208	.00253	.00128	.00261	.0029	.0055	.09927
%RSD	1.5108	12.367	4.6119	2.5182	2.9505	6.865	.51321	2.6849

#1	.40780	-.01515	.05568	-.04925	.09071	.0392	-1.0652	-3.8078
#2	.41627	-.01624	.05701	-.05113	.08562	.0408	-1.0680	-3.6153
#3	.42003	-.01918	.05211	-.05169	.08917	.0447	-1.0575	-3.6693

Sample Name: LR CHECK 1 Acquired: 4/30/2019 14:59:51 Type: Unk
 Method: P4-ICP2(v3081) 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	3367.0	44927.	5140.1	58.556	2697.2
Stddev	2.0	170.	34.3	1.549	16.1
%RSD	.06052	.37743	.66695	2.6454	.59553

#1	3365.2	44767.	5131.6	59.621	2682.2
#2	3369.2	44909.	5110.8	56.779	2714.2
#3	3366.7	45105.	5177.8	59.267	2695.3

Sample Name: LR CHECK 2 Acquired: 4/30/2019 15:04:53 Type: Unk
Method: P4-ICP2(v3081) 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	-.00091	-.02263	228.69	.02151	-.03115	-.24617	102.34	-.00108
Stddev	.00095	.00965	43.55	.00565	.00748	.03702	.66	.00007
%RSD	105.05	42.636	19.043	26.250	24.008	15.037	.64793	6.1141

#1	-.00068	-.01639	254.59	.02531	-.03471	-.25410	102.60	-.00106
#2	-.00195	-.01775	253.08	.02420	-.03618	-.27859	101.59	-.00115
#3	-.00009	-.03374	178.41	.01502	-.02256	-.20584	102.83	-.00103

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00644	.20628	-.12925	-.00538	254.67	-.77928	45.640	-.09820
Stddev	.00156	.01510	.01961	.00143	48.08	.12356	.103	.03283
%RSD	24.279	7.3220	15.171	26.561	18.879	15.856	.22525	33.435

#1	-.00732	.22256	-.14108	-.00614	282.22	-.85012	45.671	-.10147
#2	-.00738	.20355	-.14006	-.00628	282.64	-.85111	45.724	-.06385
#3	-.00464	.19273	-.10661	-.00374	199.15	-.63660	45.526	-.12927

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.075	.01057	.61050	-.03728	32.293	.41875	-.00679	.00197
Stddev	11.675	.00031	.02650	.00024	5.941	.01195	.00155	.00962
%RSD	24.800	2.9385	4.3410	.64169	18.396	2.8534	22.760	488.76

#1	53.919	.01091	.58064	-.03750	35.979	.41622	-.00787	.00120
#2	53.712	.01047	.61962	-.03702	35.460	.40827	-.00749	.01195
#3	33.595	.01031	.63123	-.03730	25.440	.43176	-.00502	-.00724

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05519	-.00504	-.00056	.02019	-.00387	-.0558	.00253	5.3654
Stddev	.05815	.00107	.00104	.00839	.00054	.0445	.00015	.2387
%RSD	105.37	21.298	186.23	41.530	13.890	79.78	6.0455	4.4488

#1	.09315	-.00465	.00004	.02538	-.00325	-.0797	.00255	5.1454
#2	.08417	-.00422	.00005	.02469	-.00415	-.0832	.00268	5.3317
#3	-.01176	-.00626	-.00175	.01052	-.00422	-.0044	.00237	5.6192

Sample Name: LR CHECK 2 Acquired: 4/30/2019 15:04:53 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.6296
%RSD	642.32

#1	-2.1342
#2	.74606
#3	.62701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5018.4	61479.	5733.8	77.597	5437.9
Stddev	1047.2	135.	31.9	1.523	1149.7
%RSD	20.866	.21881	.55716	1.9629	21.143

#1	4411.6	61324.	5707.1	77.158	4769.9
#2	4416.1	61548.	5725.1	79.292	4778.4
#3	6227.6	61565.	5769.2	76.342	6765.5

Sample Name: K2194-01 Acquired: 4/30/2019 15:13:51 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02626	.00063	.89038	.06052	.00968	155.80	2.7607
Stddev	.00276	.00151	.00719	.00251	.00110	.82	.0146
%RSD	10.513	237.86	.80725	4.1448	11.412	.52317	.52730

#1	.02308	-.00091	.88217	.06307	.00998	156.43	2.7727
#2	.02795	.00070	.89344	.06041	.01060	156.11	2.7648
#3	.02776	.00211	.89553	.05806	.00846	154.88	2.7445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01585	.00652	139.20	.28125	.16902	.75707	251.74
Stddev	.00021	.00045	.87	.00129	.00156	.00285	1.40
%RSD	1.3136	6.9084	.62210	.46001	.92520	.37628	.55472

#1	.01564	.00602	138.61	.28252	.16728	.75379	253.03
#2	.01586	.00664	138.79	.28131	.16947	.75897	251.92
#3	.01605	.00690	140.19	.27993	.17031	.75845	250.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0705	90.615	.31136	-.01525	11.575	.58654	2.7741
Stddev	.0290	.687	.00261	.00031	.054	.00228	.0156
%RSD	.57287	.75814	.83977	2.0635	.46807	.38845	.56142

#1	5.0756	91.053	.30841	-.01545	11.611	.58803	2.7562
#2	5.0966	90.969	.31230	-.01489	11.601	.58768	2.7844
#3	5.0392	89.823	.31338	-.01541	11.512	.58392	2.7818

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.704	.00557	.27376	F 13.591	4.0354	.06173	9.5617
Stddev	.329	.00010	.01071	.156	.1066	.00135	.0415
%RSD	.60054	1.8175	3.9123	1.1475	2.6408	2.1829	.43367

#1	55.011	.00568	.26267	13.457	3.9583	.06219	9.5325
#2	54.745	.00548	.27455	13.554	3.9908	.06021	9.5434
#3	54.358	.00556	.28404	13.762	4.1570	.06278	9.6091

Sample Name: K2194-01 Acquired: 4/30/2019 15:13:51 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29336	9.324	.23984	<.00000	F<.00000
Stddev	.00156	.089	.00349	.13328	3.9629
%RSD	.53336	.9527	1.4543	11.447	6.1333
#1	.29425	9.246	.23776	-1.3180	-60.076
#2	.29155	9.306	.23789	-1.0936	-66.363
#3	.29428	9.421	.24387	-1.0813	-67.400
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5161.9	67968.	6746.2	72.629	4294.3
Stddev	18.0	434.	32.5	1.614	21.7
%RSD	.34820	.63901	.48226	2.2227	.50567
#1	5180.9	67617.	6763.8	74.233	4318.5
#2	5145.2	67833.	6766.1	72.648	4276.5
#3	5159.6	68454.	6708.6	71.005	4288.0

Sample Name: K2194-01DUP Acquired: 4/30/2019 15:18:22 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02787	-.00011	.86060	.05664	.01089	151.55	2.6401
Stddev	.00181	.00140	.00284	.00137	.00225	.50	.0126
%RSD	6.4884	1284.0	.32991	2.4247	20.663	.32825	.47859

#1	.02949	-.00140	.86308	.05694	.00958	151.27	2.6285
#2	.02592	.00138	.86121	.05514	.00961	151.27	2.6384
#3	.02820	-.00031	.85750	.05783	.01349	152.13	2.6536

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01533	.00602	142.76	.27168	.16367	.75179	248.35
Stddev	.00014	.00024	.52	.00045	.00044	.00265	.22
%RSD	.94460	3.9351	.36111	.16722	.26616	.35229	.08679

#1	.01533	.00611	143.35	.27116	.16416	.75345	248.29
#2	.01547	.00575	142.42	.27186	.16354	.74874	248.59
#3	.01519	.00620	142.50	.27202	.16332	.75318	248.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9128	92.456	.30273	-.01595	11.255	.56754	2.6947
Stddev	.0530	.191	.00120	.00021	.031	.00407	.0018
%RSD	1.0793	.20626	.39563	1.3038	.27477	.71715	.06774

#1	4.8527	92.353	.30361	-.01573	11.221	.57129	2.6937
#2	4.9527	92.339	.30137	-.01599	11.263	.56813	2.6968
#3	4.9331	92.676	.30321	-.01614	11.281	.56321	2.6935

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.102	.00587	.32305	F 13.349	3.7306	.06225	9.3154
Stddev	.173	.00016	.00642	.062	.0289	.00090	.0307
%RSD	.32519	2.6513	1.9879	.46147	.77388	1.4399	.32902

#1	52.990	.00597	.32999	13.419	3.7632	.06321	9.3474
#2	53.016	.00570	.32187	13.307	3.7202	.06143	9.2863
#3	53.301	.00596	.31731	13.320	3.7084	.06211	9.3126

Sample Name: K2194-01DUP Acquired: 4/30/2019 15:18:22 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28935	9.189	.24184	<.00000	F<.00000
Stddev	.00022	.041	.00235	.08380	2.6571
%RSD	.07618	.4410	.97148	7.2515	3.6768

#1	.28926	9.233	.24455	-1.2479	-69.207
#2	.28960	9.181	.24040	-1.0841	-73.981
#3	.28918	9.153	.24056	-1.1351	-73.616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5283.2	69635.	6900.6	74.707	4411.9
Stddev	8.5	68.	40.3	.787	7.9
%RSD	.16146	.09721	.58429	1.0533	.17985

#1	5277.3	69697.	6856.0	74.035	4414.7
#2	5279.4	69647.	6911.6	74.514	4403.0
#3	5293.0	69563.	6934.3	75.573	4418.1

Sample Name: K2194-01LX5 Acquired: 4/30/2019 15:22:54 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119326BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00805	.00326	.17785	.02008	.00115	33.877	.59398
Stddev	.00092	.00053	.00382	.00266	.00049	.163	.00455
%RSD	11.416	16.300	2.1498	13.252	42.336	.48254	.76557

#1	.00701	.00300	.17921	.01719	.00167	33.772	.59051
#2	.00875	.00290	.18080	.02243	.00108	34.065	.59913
#3	.00839	.00387	.17353	.02063	.00070	33.794	.59231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00349	-.00149	33.696	.06519	.03286	.18252	69.446
Stddev	.00011	.00006	.203	.00032	.00052	.00296	.349
%RSD	3.2855	4.2111	.60378	.48970	1.5879	1.6225	.50239

#1	.00361	-.00147	33.852	.06510	.03326	.18416	69.109
#2	.00348	-.00144	33.770	.06493	.03305	.18429	69.805
#3	.00338	-.00156	33.466	.06555	.03227	.17910	69.423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2154	20.999	.06056	-.00214	2.6382	.13576	.52107
Stddev	.0029	.135	.00086	.00037	.0338	.00138	.00862
%RSD	.23787	.64051	1.4198	17.145	1.2827	1.0191	1.6540

#1	1.2121	20.848	.06113	-.00188	2.6003	.13635	.52554
#2	1.2169	21.042	.06097	-.00198	2.6653	.13676	.52654
#3	1.2172	21.106	.05957	-.00256	2.6490	.13418	.51114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.937	.00086	.08788	2.5558	.94473	.01184	2.1994
Stddev	.108	.00040	.00624	.0352	.00735	.00131	.0044
%RSD	.90755	46.290	7.0982	1.3755	.77805	11.072	.20152

#1	11.812	.00132	.09132	2.5677	.93834	.01334	2.1950
#2	12.004	.00058	.08068	2.5835	.94310	.01090	2.2038
#3	11.995	.00068	.09164	2.5162	.95276	.01128	2.1995

Sample Name: K2194-01LX5 Acquired: 4/30/2019 15:22:54 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119326BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06530	1.782	.04504	2.9264	F<.00000
Stddev	.00096	.030	.00040	.1861	.66476
%RSD	1.4726	1.685	.88418	6.3579	12.181

#1	.06452	1.797	.04545	2.8739	-5.6645
#2	.06501	1.802	.04466	2.7722	-4.7136
#3	.06637	1.748	.04500	3.1331	-5.9937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4980.4	65028.	6183.5	79.625	4999.8
Stddev	63.8	222.	52.6	.416	75.9
%RSD	1.2801	.34080	.84987	.52236	1.5184

#1	4947.7	65008.	6127.8	79.145	4958.3
#2	4939.6	64818.	6190.4	79.844	4953.7
#3	5053.8	65260.	6232.2	79.885	5087.4

Sample Name: K2194-01MS Acquired: 4/30/2019 15:27:16 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69333	1.9416	1.9327	1.7412	.14215	169.19	2.7714
Stddev	.00990	.0194	.0178	.0158	.00111	.33	.0091
%RSD	1.4283	1.0010	.92140	.90483	.78385	.19669	.32880

#1	.69375	1.9391	1.9369	1.7467	.14112	169.22	2.7758
#2	.70301	1.9621	1.9481	1.7534	.14200	169.51	2.7775
#3	.68322	1.9235	1.9132	1.7234	.14333	168.84	2.7609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19086	.20432	126.09	.62468	.37326	.90168	251.07
Stddev	.00053	.00190	.54	.00237	.00435	.00746	.85
%RSD	.27765	.93055	.43220	.38010	1.1648	.82759	.33739

#1	.19126	.20474	125.47	.62725	.37395	.90154	251.53
#2	.19106	.20599	126.33	.62424	.37722	.90921	251.59
#3	.19026	.20225	126.48	.62256	.36861	.89429	250.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2784	87.380	.82464	.04790	14.489	.80666	2.7969
Stddev	.0047	.067	.00841	.00051	.045	.00416	.0283
%RSD	.08849	.07617	1.0203	1.0605	.31362	.51562	1.0115

#1	5.2732	87.437	.82516	.04841	14.514	.81146	2.8072
#2	5.2799	87.307	.83278	.04739	14.517	.80442	2.8186
#3	5.2821	87.398	.81598	.04789	14.437	.80411	2.7649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.831	.32517	.37931	F 13.167	4.6093	.78787	F 10.286
Stddev	.208	.00329	.00726	.162	.0373	.00725	.032
%RSD	.32156	1.0116	1.9143	1.2299	.80833	.92039	.31553

#1	64.975	.32497	.37343	13.192	4.5831	.78665	10.250
#2	64.926	.32855	.38743	13.315	4.5929	.79565	10.313
#3	64.592	.32198	.37708	12.994	4.6520	.78131	10.295

Sample Name: K2194-01MS Acquired: 4/30/2019 15:27:16 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.46613	F 15.73	.35647	<.00000	F<.00000
Stddev	.00175	.15	.00293	.21242	2.3138
%RSD	.37596	.9631	.82283	78.678	2.9815
#1	.46463	15.70	.35338	-.15357	-76.550
#2	.46571	15.89	.35683	-.14123	-80.257
#3	.46806	15.59	.35921	-.51517	-76.004
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5169.9	68440.	6813.6	74.241	4310.4
Stddev	40.3	244.	10.5	1.535	33.5
%RSD	.77906	.35708	.15400	2.0682	.77672
#1	5167.2	68253.	6825.7	75.103	4302.9
#2	5131.0	68350.	6806.6	75.151	4281.3
#3	5211.4	68716.	6808.7	72.468	4347.0

Sample Name: CCV04 Acquired: 4/30/2019 15:31:42 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14900 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1006	5.0438	5.0214	5.1572	5.0837	9.8779	10.288	.25452
Stddev	.0181	.0149	.0032	.0277	.0207	.0814	.056	.00043
%RSD	.35420	.29609	.06469	.53780	.40722	.82443	.54276	.16938
#1	5.1079	5.0610	5.0251	5.1799	5.0972	9.9718	10.353	.25497
#2	5.0800	5.0337	5.0192	5.1263	5.0599	9.8355	10.253	.25412
#3	5.1138	5.0367	5.0199	5.1656	5.0940	9.8264	10.259	.25447
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4911	25.540	1.0009	2.5218	1.2661	5.0349	2.5548	25.253
Stddev	.0040	.122	.0067	.0047	.0049	.0204	.0056	.138
%RSD	.15942	.47920	.66989	.18781	.38750	.40523	.21873	.54826
#1	2.4957	25.643	1.0082	2.5273	1.2688	5.0565	2.5611	25.404
#2	2.4884	25.571	.99942	2.5188	1.2605	5.0324	2.5528	25.133
#3	2.4893	25.405	.99503	2.5194	1.2691	5.0159	2.5504	25.221
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4912	1.2492	25.168	2.5089	2.5254	24.599	5.0596	4.8496
Stddev	.0038	.0076	.142	.0096	.0059	.136	.0187	.0400
%RSD	.15392	.61084	.56361	.38413	.23295	.55306	.37048	.82534
#1	2.4956	1.2578	25.331	2.5191	2.5322	24.756	5.0714	4.8939
#2	2.4888	1.2464	25.073	2.5078	2.5222	24.513	5.0380	4.8388
#3	2.4891	1.2433	25.101	2.4999	2.5219	24.527	5.0694	4.8161
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0686	4.9587	5.0319	5.0788	4.8830	5.154	5.1601	F 4.3987
Stddev	.0215	.0282	.0031	.0354	.0428	.014	.0328	.0428
%RSD	.42313	.56844	.06239	.69727	.87742	.2612	.63589	.97222
#1	5.0861	4.9711	5.0352	5.1078	4.9142	5.169	5.1875	4.3598
#2	5.0447	4.9786	5.0316	5.0892	4.9008	5.142	5.1689	4.3918
#3	5.0750	4.9265	5.0289	5.0393	4.8342	5.151	5.1237	4.4445

Sample Name: CCV04 Acquired: 4/30/2019 15:31:42 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14900 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9749
Stddev	.7642
%RSD	38.697

#1	1.4076
#2	1.6731
#3	2.8439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4726.8	61767.	5862.9	77.786	4787.0
Stddev	20.2	501.	50.3	1.163	15.2
%RSD	.42632	.81130	.85749	1.4953	.31679

#1	4706.7	61189.	5816.9	78.252	4769.5
#2	4747.0	62036.	5855.4	76.462	4794.9
#3	4726.8	62076.	5916.6	78.644	4796.7

Sample Name: CCB04 Acquired: 4/30/2019 15:35:39 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14900 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00058	.00139	.00031	-.00001	-.00831	.00124
Stddev	.00286	.00031	.00045	.00092	.00146	.00732	.00016
%RSD	769.20	54.070	32.516	301.11	20131.	88.014	12.923

#1	.00292	.00074	.00171	.00116	-.00129	-.00377	.00141
#2	-.00227	.00078	.00158	.00042	.00158	-.00441	.00110
#3	-.00177	.00022	.00087	-.00067	-.00032	-.01675	.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00007	-.00276	-.00006	.00018	-.00022	.00144
Stddev	.00004	.00002	.00297	.00005	.00012	.00014	.00033
%RSD	701.32	32.339	107.76	86.526	65.309	62.909	23.072

#1	.00002	-.00008	-.00096	-.00012	.00032	-.00006	.00182
#2	.00002	-.00008	-.00112	-.00004	.00012	-.00028	.00121
#3	-.00006	-.00004	-.00618	-.00002	.00011	-.00032	.00129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00877	.00100	.00012	.02111	.00024	.00008
Stddev	.00002	.03509	.00020	.00037	.01324	.00002	.00005
%RSD	50.363	400.23	20.028	315.94	62.703	6.5298	69.942

#1	.00003	.04667	.00119	-.00016	.01047	.00026	.00013
#2	.00007	.00222	.00103	-.00003	.01693	.00023	.00008
#3	.00003	-.02259	.00079	.00054	.03593	.00023	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07335	.00014	-.00003	-.00747	-.00098	-.00084	-.00036
Stddev	.00766	.00025	.00685	.00192	.00102	.00063	.00089
%RSD	10.442	184.25	27123.	25.639	104.48	74.896	245.95

#1	.08191	.00040	.00213	-.00824	-.00176	-.00020	.00050
#2	.06715	.00012	-.00769	-.00889	.00018	-.00146	-.00030
#3	.07099	-.00011	.00549	-.00529	-.00135	-.00085	-.00129

Sample Name: CCB04 Acquired: 4/30/2019 15:35:39 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14900 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00084	-0.0008	-0.00001	F 1.9513	F<.00000
Stddev	.00098	.0003	.00006	.1718	1.7029
%RSD	116.97	38.04	506.79	8.8030	322.84

#1	-0.00197	-0.0005	.00005	1.7545	-.74390
#2	-0.00025	-0.0011	-0.00006	2.0278	1.2733
#3	-0.00030	-0.0007	-0.00003	2.0715	-2.1117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5271.6	69121.	6320.9	87.136	5894.1
Stddev	6.0	235.	11.9	1.670	9.5
%RSD	.11432	.34026	.18757	1.9169	.16158

#1	5265.1	68877.	6324.2	89.017	5897.5
#2	5272.7	69141.	6330.8	85.825	5883.4
#3	5277.0	69346.	6307.8	86.567	5901.5

Sample Name: K2194-01MSD Acquired: 4/30/2019 15:40:08 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68571	1.9405	1.8708	1.7210	.13870	169.59	2.7478
Stddev	.00324	.0049	.0072	.0088	.00231	.63	.0135
%RSD	.47229	.25275	.38372	.51332	1.6632	.37030	.49167

#1	.68437	1.9357	1.8664	1.7174	.13684	169.08	2.7338
#2	.68336	1.9455	1.8670	1.7146	.13798	169.39	2.7608
#3	.68940	1.9404	1.8791	1.7311	.14128	170.29	2.7489

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19053	.20334	121.91	.62429	.37365	.89601	252.62
Stddev	.00054	.00016	.15	.00037	.00115	.00099	.40
%RSD	.28345	.07741	.12426	.05913	.30658	.11030	.15656

#1	.19054	.20316	121.91	.62389	.37258	.89582	252.27
#2	.18999	.20343	121.76	.62436	.37351	.89513	253.05
#3	.19107	.20343	122.06	.62462	.37486	.89708	252.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3050	85.147	.82449	.04710	14.464	.81293	2.8297
Stddev	.0107	.332	.00129	.00021	.058	.00225	.0015
%RSD	.20142	.39027	.15642	.43800	.40052	.27706	.05308

#1	5.3162	84.852	.82335	.04688	14.405	.81522	2.8312
#2	5.3039	85.507	.82424	.04715	14.521	.81072	2.8282
#3	5.2949	85.083	.82589	.04728	14.466	.81286	2.8296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.230	.32322	.39501	F 13.735	4.8654	.75401	F 10.398
Stddev	.229	.00069	.00916	.062	.0517	.00104	.028
%RSD	.35594	.21245	2.3178	.45304	1.0629	.13737	.26824

#1	64.125	.32374	.39332	13.756	4.9230	.75444	10.398
#2	64.072	.32244	.40489	13.665	4.8231	.75477	10.370
#3	64.492	.32347	.38682	13.784	4.8501	.75283	10.426

Sample Name: K2194-01MSD Acquired: 4/30/2019 15:40:08 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.47470	F 15.79	.36945	<.00000	F<.00000
Stddev	.00416	.03	.00130	.25344	1.6489
%RSD	.87694	.1825	.35097	24.574	2.0705

#1	.47446	15.76	.37081	-1.0687	-77.754
#2	.47065	15.82	.36823	-1.2640	-80.828
#3	.47897	15.78	.36931	-.76130	-80.323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5322.3	70101.	6833.3	76.536	4419.1
Stddev	6.6	66.	33.3	.592	3.4
%RSD	.12388	.09484	.48770	.77347	.07747

#1	5325.6	70086.	6796.4	76.310	4421.2
#2	5326.6	70043.	6861.3	76.090	4420.9
#3	5314.7	70173.	6842.0	77.207	4415.1

Sample Name: K2194-01A Acquired: 4/30/2019 15:44:35 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119326BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69704	1.9586	1.9257	1.7502	.14101	175.87	2.8888
Stddev	.00254	.0024	.0056	.0063	.00150	9.07	.1460
%RSD	.36458	.12397	.29260	.35962	1.0664	5.1555	5.0533

#1	.69737	1.9612	1.9310	1.7484	.14274	170.73	2.8019
#2	.69434	1.9564	1.9198	1.7572	.14018	186.34	3.0573
#3	.69939	1.9583	1.9262	1.7450	.14010	170.55	2.8071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20024	.20525	127.21	.65412	.37764	.90552	263.08
Stddev	.01040	.00126	.80	.03768	.00103	.00263	13.88
%RSD	5.1944	.61153	.62690	5.7612	.27299	.29080	5.2768

#1	.19539	.20626	127.23	.63307	.37883	.90649	255.66
#2	.21218	.20384	126.41	.69762	.37699	.90254	279.09
#3	.19315	.20565	128.00	.63165	.37710	.90754	254.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5203	90.755	.83147	.04965	15.113	.84875	2.8500
Stddev	.2877	4.359	.00295	.00256	.742	.04685	.0057
%RSD	5.2109	4.8027	.35524	5.1587	4.9129	5.5193	.20049

#1	5.3706	87.977	.83437	.04793	14.695	.82336	2.8559
#2	5.8520	95.779	.82847	.05259	15.970	.90281	2.8445
#3	5.3384	88.509	.83157	.04843	14.673	.82008	2.8494

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.139	.32636	.40883	F 13.573	4.7415	.78038	F 10.484
Stddev	3.446	.00041	.02272	.040	.1196	.00219	.033
%RSD	5.1321	.12516	5.5572	.29697	2.5214	.28071	.31661

#1	65.220	.32665	.38780	13.614	4.7934	.78244	10.489
#2	71.116	.32589	.43292	13.534	4.6048	.77808	10.449
#3	65.079	.32653	.40577	13.570	4.8264	.78063	10.515

Sample Name: K2194-01A Acquired: 4/30/2019 15:44:35 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119326BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.47278	F 15.90	.35738	.60448	F<.00000
Stddev	.00063	.02	.01711	.91990	2.5075
%RSD	.13349	.1337	4.7877	152.18	3.0825
#1	.47237	15.92	.36520	-.07699	-81.645
#2	.47350	15.88	.33775	1.6508	-83.690
#3	.47245	15.91	.36917	.23958	-78.701
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5195.7	66441.	6737.1	75.188	4313.3
Stddev	8.0	3204.	30.3	1.007	7.6
%RSD	.15319	4.8222	.44973	1.3390	.17639
#1	5191.7	68191.	6717.5	74.320	4306.8
#2	5190.4	62743.	6772.0	76.292	4311.3
#3	5204.8	68389.	6721.8	74.952	4321.7

Sample Name: K2194-03 Acquired: 4/30/2019 15:49:01 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10129	.00546	1.0602	.05884	.01253	167.22	.77085
Stddev	.00066	.00250	.0050	.00224	.00232	1.12	.00431
%RSD	.64883	45.816	.47569	3.8034	18.501	.66692	.55953

#1	.10192	.00320	1.0544	.05626	.01519	166.04	.76687
#2	.10134	.00814	1.0620	.05999	.01100	167.36	.77026
#3	.10061	.00504	1.0640	.06026	.01138	168.25	.77543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01613	.00321	59.648	.17209	.16487	.31479	248.32
Stddev	.00009	.00020	.319	.00006	.00064	.00136	1.56
%RSD	.57572	6.1226	.53556	.03759	.38892	.43072	.62776

#1	.01624	.00298	59.292	.17216	.16413	.31333	247.01
#2	.01608	.00334	59.909	.17205	.16530	.31601	247.90
#3	.01607	.00331	59.742	.17205	.16518	.31503	250.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6798	44.912	.22238	-.01767	6.3844	.45176	.79158
Stddev	.0103	.220	.00120	.00026	.0363	.00046	.00077
%RSD	.13361	.49085	.53847	1.4522	.56886	.10160	.09748

#1	7.6899	44.885	.22170	-.01793	6.3514	.45181	.79069
#2	7.6693	44.707	.22168	-.01768	6.3785	.45219	.79205
#3	7.6802	45.145	.22377	-.01741	6.4233	.45128	.79200

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4130	.00266	.24005	2.0621	2.1942	.02410	2.3154
Stddev	.0236	.00013	.01177	.0112	.0168	.00100	.0234
%RSD	.31786	4.7804	4.9027	.54320	.76515	4.1305	1.0117

#1	7.3859	.00281	.25199	2.0530	2.2062	.02299	2.2900
#2	7.4287	.00257	.22846	2.0746	2.2013	.02493	2.3361
#3	7.4244	.00261	.23970	2.0587	2.1750	.02437	2.3201

Sample Name: K2194-03 Acquired: 4/30/2019 15:49:01 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11192	6.720	-.03759	<.00000	F<.00000
Stddev	.00220	.022	.00207	.08032	2.5086
%RSD	1.9624	.3290	5.5089	4.9784	3.4382
#1	.10961	6.697	-.03761	-1.6334	-75.828
#2	.11398	6.741	-.03550	-1.6817	-71.166
#3	.11217	6.722	-.03964	-1.5249	-71.892
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5454.4	71430.	7017.2	79.490	4651.3
Stddev	8.9	122.	30.7	.421	6.8
%RSD	.16352	.17042	.43757	.52982	.14568
#1	5464.4	71482.	7037.5	79.944	4659.0
#2	5447.3	71517.	6981.9	79.413	4646.2
#3	5451.4	71291.	7032.2	79.113	4648.8

Sample Name: K2194-05 Acquired: 4/30/2019 15:53:35 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03977	.00292	.95857	.04026	.00865	82.456	.82685
Stddev	.00196	.00100	.00232	.00169	.00093	.163	.00339
%RSD	4.9356	34.197	.24236	4.2014	10.706	.19824	.41020

#1	.03753	.00221	.95659	.03841	.00970	82.469	.82952
#2	.04064	.00249	.96112	.04172	.00795	82.613	.82799
#3	.04115	.00406	.95799	.04065	.00830	82.287	.82303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01001	.00090	107.37	.17685	.07025	.54299	152.09
Stddev	.00014	.00009	.64	.00065	.00001	.00200	.60
%RSD	1.4045	9.8540	.60035	.36765	.01703	.36820	.39698

#1	.00998	.00100	108.08	.17674	.07026	.54321	151.93
#2	.00990	.00084	107.19	.17627	.07026	.54487	152.76
#3	.01017	.00085	106.83	.17755	.07024	.54089	151.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7764	35.316	.17767	-.00698	9.1378	.27908	1.8400
Stddev	.0079	.244	.00149	.00033	.0404	.00142	.0018
%RSD	.28540	.69168	.84078	4.7797	.44251	.50781	.09976

#1	2.7850	35.480	.17626	-.00684	9.1598	.27764	1.8379
#2	2.7747	35.433	.17924	-.00674	9.1624	.27914	1.8414
#3	2.7695	35.035	.17752	-.00736	9.0911	.28047	1.8406

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.186	.00638	.13902	4.5181	4.3010	.07925	3.4973
Stddev	.069	.00042	.00789	.0092	.0079	.00108	.0100
%RSD	.56742	6.6088	5.6718	.20264	.18308	1.3682	.28533

#1	12.266	.00616	.13026	4.5143	4.3093	.07801	3.5026
#2	12.146	.00611	.14126	4.5286	4.3002	.07999	3.5035
#3	12.147	.00687	.14555	4.5115	4.2936	.07976	3.4858

Sample Name: K2194-05 Acquired: 4/30/2019 15:53:35 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10408	5.124	.25462	.66841	F<.00000
Stddev	.00146	.009	.00354	.19764	1.4583
%RSD	1.4056	.1689	1.3891	29.569	5.6050
#1	.10576	5.120	.25870	.80772	-24.865
#2	.10311	5.134	.25268	.75530	-27.657
#3	.10336	5.118	.25248	.44221	-25.531
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5210.4	68337.	6578.7	79.459	4719.6
Stddev	9.6	264.	53.9	1.344	7.1
%RSD	.18384	.38679	.81962	1.6914	.15015
#1	5202.4	68034.	6517.3	78.022	4719.4
#2	5207.9	68464.	6618.4	79.668	4712.6
#3	5221.0	68515.	6600.4	80.685	4726.8

Sample Name: K2194-07 Acquired: 4/30/2019 15:58:02 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03216	.00336	6.1236	.03840	.00734	87.866	.94859
Stddev	.00160	.00089	.0048	.00099	.00029	.634	.00387
%RSD	4.9744	26.337	.07791	2.5796	3.9582	.72115	.40821

#1	.03146	.00347	6.1230	.03863	.00725	88.589	.95296
#2	.03103	.00419	6.1192	.03926	.00711	87.405	.94560
#3	.03399	.00243	6.1287	.03732	.00767	87.605	.94721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00940	.00104	87.521	.25895	.06752	.44858	144.93
Stddev	.00012	.00020	.587	.00087	.00012	.00203	1.22
%RSD	1.2552	18.885	.67108	.33500	.17612	.45260	.84064

#1	.00938	.00087	86.843	.25795	.06743	.44684	146.29
#2	.00953	.00100	87.857	.25956	.06747	.44808	144.59
#3	.00930	.00126	87.863	.25932	.06766	.45081	143.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6836	37.424	.14412	-.00590	5.9583	.29150	1.6628
Stddev	.0044	.088	.00046	.00046	.0391	.00035	.0022
%RSD	.16446	.23451	.31834	7.7097	.65617	.11859	.13288

#1	2.6858	37.450	.14378	-.00610	5.9986	.29165	1.6603
#2	2.6785	37.495	.14395	-.00538	5.9558	.29110	1.6635
#3	2.6865	37.326	.14465	-.00623	5.9205	.29174	1.6645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.778	.00462	.11733	4.4340	2.7828	.19896	3.1113
Stddev	.077	.00031	.00325	.0094	.0286	.00149	.0071
%RSD	.60324	6.8015	2.7724	.21118	1.0269	.74658	.22699

#1	12.863	.00480	.11387	4.4249	2.7506	.19749	3.1045
#2	12.760	.00481	.11779	4.4436	2.8052	.19893	3.1108
#3	12.712	.00426	.12033	4.4335	2.7926	.20046	3.1186

Sample Name: K2194-07 Acquired: 4/30/2019 15:58:02 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11772	4.390	.27427	1.3383	F<.00000
Stddev	.00050	.007	.00231	.1259	1.3590
%RSD	.42688	.1612	.84339	9.4067	5.6618
#1	.11747	4.385	.27172	1.1935	-24.569
#2	.11739	4.387	.27486	1.4216	-22.453
#3	.11830	4.398	.27623	1.3997	-24.988
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5229.1	69357.	6774.7	80.162	4745.5
Stddev	4.4	289.	30.1	.455	3.0
%RSD	.08354	.41673	.44489	.56742	.06325
#1	5229.6	69086.	6809.0	79.759	4748.8
#2	5233.2	69325.	6752.5	80.071	4744.7
#3	5224.5	69661.	6762.5	80.655	4742.9

Sample Name: K2194-09 Acquired: 4/30/2019 16:02:28 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01706	.00241	.54113	.03600	.00340	87.493	.94489
Stddev	.00130	.00128	.00139	.00154	.00207	.426	.00032
%RSD	7.6404	53.250	.25612	4.2713	60.892	.48732	.03360

#1	.01746	.00355	.54272	.03553	.00130	87.973	.94522
#2	.01812	.00266	.54052	.03475	.00346	87.347	.94488
#3	.01561	.00102	.54015	.03771	.00543	87.158	.94458

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00889	.00029	134.93	.17860	.07217	.23828	144.47
Stddev	.00009	.00012	.87	.00066	.00029	.00045	.79
%RSD	1.0589	40.997	.64494	.36916	.40721	.18871	.54858

#1	.00879	.00025	133.93	.17933	.07225	.23833	145.30
#2	.00897	.00042	135.49	.17841	.07242	.23781	143.72
#3	.00893	.00020	135.38	.17805	.07185	.23871	144.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8880	69.763	.14046	-.00646	7.7797	.28085	1.5379
Stddev	.0032	.111	.00033	.00041	.0353	.00114	.0012
%RSD	.11210	.15896	.23236	6.3700	.45423	.40698	.07779

#1	2.8843	69.739	.14081	-.00691	7.8002	.27963	1.5393
#2	2.8892	69.665	.14018	-.00611	7.8000	.28102	1.5372
#3	2.8904	69.883	.14038	-.00635	7.7389	.28189	1.5372

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.192	.00372	.10852	4.1405	2.9127	.02472	3.5982
Stddev	.040	.00026	.00859	.0198	.0191	.00057	.0030
%RSD	.28270	7.0271	7.9202	.47726	.65467	2.2925	.08270

#1	14.223	.00402	.11155	4.1622	2.9288	.02523	3.5983
#2	14.205	.00361	.11519	4.1235	2.8917	.02411	3.5952
#3	14.147	.00353	.09882	4.1359	2.9177	.02483	3.6011

Sample Name: K2194-09 Acquired: 4/30/2019 16:02:28 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11230	4.320	.24529	1.4274	F<.00000
Stddev	.00131	.014	.00255	.2259	1.6262
%RSD	1.1657	.3138	1.0405	15.822	6.9212
#1	.11227	4.336	.24254	1.1799	-21.635
#2	.11101	4.313	.24758	1.4800	-24.642
#3	.11362	4.312	.24576	1.6223	-24.213
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5161.0	68348.	6703.9	79.802	4688.8
Stddev	8.3	271.	25.9	.912	12.0
%RSD	.16091	.39663	.38596	1.1432	.25560
#1	5153.7	68043.	6725.2	79.903	4678.6
#2	5159.4	68560.	6711.4	78.843	4685.8
#3	5170.1	68441.	6675.1	80.660	4702.0

Sample Name: K2194-11 Acquired: 4/30/2019 16:06:52 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02554	.00367	.94955	.04741	.00713	112.81	.99671
Stddev	.00151	.00061	.00394	.00133	.00069	.47	.00504
%RSD	5.8963	16.687	.41481	2.8076	9.6219	.41794	.50588

#1	.02718	.00430	.94522	.04593	.00642	112.75	.99760
#2	.02522	.00365	.95292	.04781	.00779	112.37	.99128
#3	.02422	.00307	.95051	.04850	.00718	113.31	1.0012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01161	.00164	72.115	.18701	.10035	.43611	182.18
Stddev	.00016	.00008	.168	.00073	.00036	.00132	.64
%RSD	1.4023	4.6966	.23263	.38810	.36319	.30370	.35356

#1	.01143	.00168	72.170	.18659	.09993	.43467	182.86
#2	.01175	.00155	71.926	.18660	.10057	.43637	181.59
#3	.01164	.00169	72.248	.18785	.10054	.43728	182.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9952	44.754	.19248	-.00880	9.8204	.34823	1.8143
Stddev	.0054	.191	.00188	.00033	.0399	.00233	.0040
%RSD	.13417	.42615	.97697	3.7196	.40638	.66916	.22216

#1	3.9943	44.688	.19046	-.00844	9.8289	.34554	1.8097
#2	3.9903	44.605	.19281	-.00887	9.7769	.34968	1.8159
#3	4.0009	44.969	.19418	-.00909	9.8554	.34946	1.8173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.416	.00724	.14969	3.9998	3.2283	.04471	3.7797
Stddev	.034	.00019	.01412	.0141	.0466	.00072	.0158
%RSD	.22214	2.6229	9.4311	.35165	1.4444	1.6182	.41783

#1	15.391	.00710	.16599	3.9838	3.2663	.04394	3.7689
#2	15.401	.00746	.14144	4.0055	3.2422	.04483	3.7724
#3	15.455	.00717	.14163	4.0102	3.1762	.04537	3.7979

Sample Name: K2194-11 Acquired: 4/30/2019 16:06:52 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14644	5.875	.15925	<.00000	F<.00000
Stddev	.00207	.024	.00097	.17790	1.2752
%RSD	1.4150	.4062	.60775	100.02	3.4605

#1	.14598	5.848	.15892	-.09509	-37.499
#2	.14463	5.885	.15848	-.38206	-37.670
#3	.14870	5.893	.16033	-.05642	-35.381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5235.7	69013.	6716.3	79.574	4714.7
Stddev	4.9	11.	10.8	.857	11.9
%RSD	.09433	.01531	.16073	1.0767	.25265

#1	5236.7	69007.	6714.0	80.550	4727.5
#2	5230.3	69007.	6706.8	78.945	4703.9
#3	5240.1	69025.	6728.0	79.227	4712.8

Sample Name: K2194-13 Acquired: 4/30/2019 16:11:24 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01694	.00358	.66506	.04030	.00478	87.697	.73980
Stddev	.00123	.00040	.00187	.00090	.00134	.328	.00493
%RSD	7.2407	11.227	.28111	2.2324	28.060	.37454	.66680

#1	.01556	.00361	.66438	.04131	.00329	87.328	.73436
#2	.01790	.00317	.66363	.03961	.00517	87.958	.74398
#3	.01735	.00397	.66717	.03996	.00588	87.806	.74106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00896	-.00022	51.453	.12358	.07237	.36161	153.20
Stddev	.00003	.00022	.176	.00085	.00025	.00121	2.01
%RSD	.38011	99.958	.34281	.69160	.34427	.33372	1.3121

#1	.00893	.00000	51.511	.12260	.07215	.36223	150.88
#2	.00900	-.00044	51.254	.12421	.07232	.36022	154.24
#3	.00896	-.00023	51.593	.12392	.07264	.36238	154.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9984	38.167	.12587	-.00767	5.9236	.30355	1.4089
Stddev	.0124	.154	.00056	.00018	.0487	.00130	.0029
%RSD	.41434	.40390	.44672	2.3704	.82209	.42823	.20654

#1	2.9841	38.049	.12524	-.00785	5.8783	.30227	1.4056
#2	3.0065	38.342	.12602	-.00749	5.9751	.30351	1.4112
#3	3.0046	38.112	.12634	-.00767	5.9174	.30487	1.4098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0701	.00453	.12772	3.6877	2.8479	.03813	2.6608
Stddev	.0368	.00017	.00695	.0351	.0152	.00009	.0042
%RSD	.40554	3.7847	5.4420	.95147	.53371	.23309	.15651

#1	9.0336	.00435	.12034	3.6478	2.8617	.03823	2.6591
#2	9.1071	.00470	.13414	3.7139	2.8316	.03806	2.6578
#3	9.0696	.00453	.12869	3.7013	2.8505	.03811	2.6655

Sample Name: K2194-13 Acquired: 4/30/2019 16:11:24 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10722	5.334	.06876	.64238	F<.00000
Stddev	.00062	.034	.00250	.04679	2.2622
%RSD	.58193	.6362	3.6331	7.2842	8.5232
#1	.10740	5.297	.07159	.67320	-24.072
#2	.10773	5.364	.06689	.66540	-27.040
#3	.10652	5.341	.06779	.58853	-28.513
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5233.3	69042.	6694.6	79.743	4790.5
Stddev	3.6	133.	30.6	.770	6.2
%RSD	.06942	.19218	.45762	.96537	.13032
#1	5233.1	69182.	6672.6	80.126	4796.6
#2	5237.0	68919.	6729.6	80.247	4784.1
#3	5229.8	69024.	6681.6	78.857	4790.7

Sample Name: K2194-15 Acquired: 4/30/2019 16:15:47 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02727	.00210	1.1213	.04760	.00758	109.67	.92758
Stddev	.00342	.00028	.0030	.00261	.00066	.45	.00332
%RSD	12.545	13.439	.26779	5.4939	8.7247	.41236	.35790

#1	.02953	.00205	1.1238	.04882	.00686	109.65	.92465
#2	.02895	.00240	1.1180	.04460	.00815	109.23	.92692
#3	.02334	.00184	1.1223	.04938	.00774	110.13	.93119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01355	.00135	68.547	.23287	.08653	.30387	188.07
Stddev	.00017	.00030	.464	.00093	.00014	.00190	.28
%RSD	1.2301	22.471	.67661	.40088	.16507	.62566	.15036

#1	.01368	.00170	68.532	.23385	.08643	.30586	188.24
#2	.01336	.00118	68.090	.23200	.08647	.30207	187.75
#3	.01360	.00118	69.018	.23275	.08670	.30367	188.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0148	52.920	.15297	-.00862	8.7757	.39494	2.5006
Stddev	.0621	.137	.00022	.00054	.0231	.00096	.0028
%RSD	1.0318	.25885	.14586	6.2350	.26311	.24417	.11219

#1	6.0302	52.974	.15308	-.00804	8.7715	.39391	2.5038
#2	5.9465	52.764	.15271	-.00910	8.7550	.39582	2.4985
#3	6.0677	53.022	.15312	-.00873	8.8006	.39508	2.4996

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.326	.00538	.13825	4.4652	3.3889	.04291	4.4824
Stddev	.055	.00040	.01662	.0220	.0084	.00150	.0148
%RSD	.41516	7.4007	12.019	.49327	.24760	3.4874	.32945

#1	13.389	.00528	.15573	4.4892	3.3932	.04456	4.4892
#2	13.284	.00582	.12265	4.4458	3.3792	.04255	4.4655
#3	13.305	.00504	.13638	4.4607	3.3943	.04163	4.4926

Sample Name: K2194-15 Acquired: 4/30/2019 16:15:47 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17149	7.530	.12705	<.00000	F<.00000
Stddev	.00117	.032	.00163	.07446	.80234
%RSD	.68475	.4195	1.2850	402.03	1.8061
#1	.17030	7.565	.12762	-.04815	-45.333
#2	.17151	7.505	.12520	.06619	-43.817
#3	.17265	7.519	.12831	-.07361	-44.119
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5318.3	70349.	6890.9	78.449	4653.1
Stddev	18.3	115.	31.4	1.113	9.6
%RSD	.34374	.16372	.45544	1.4193	.20547
#1	5297.2	70294.	6870.8	77.862	4642.2
#2	5329.2	70481.	6927.0	79.733	4656.8
#3	5328.4	70271.	6874.8	77.751	4660.1

Sample Name: K2194-17 Acquired: 4/30/2019 16:20:19 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03378	.00228	.76571	.05141	.00609	138.22	1.0910
Stddev	.00169	.00140	.00070	.00103	.00176	.49	.0105
%RSD	5.0113	61.610	.09115	2.0047	28.828	.35690	.96373

#1	.03568	.00389	.76493	.05218	.00584	138.34	1.0869
#2	.03322	.00130	.76596	.05024	.00447	138.64	1.1029
#3	.03244	.00164	.76626	.05181	.00796	137.67	1.0831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01409	.00281	96.637	.22762	.12039	.36362	206.65
Stddev	.00012	.00013	.435	.00014	.00032	.00115	.43
%RSD	.85306	4.7617	.45061	.06036	.26226	.31704	.21047

#1	.01396	.00289	97.013	.22749	.12033	.36443	206.50
#2	.01411	.00287	96.739	.22763	.12011	.36414	206.31
#3	.01419	.00265	96.160	.22776	.12073	.36230	207.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0059	51.004	.23093	-.01082	13.099	.43522	2.6971
Stddev	.0167	.255	.00073	.00048	.115	.00341	.0021
%RSD	.27842	.49948	.31761	4.4530	.87908	.78436	.07628

#1	6.0059	50.824	.23076	-.01101	13.048	.43341	2.6953
#2	5.9892	51.296	.23173	-.01118	13.231	.43916	2.6966
#3	6.0226	50.893	.23029	-.01027	13.019	.43310	2.6993

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.450	.00476	.15880	4.5159	4.2359	.03782	4.6460
Stddev	.061	.00028	.01576	.0018	.0457	.00029	.0102
%RSD	.36967	5.7950	9.9270	.04053	1.0797	.76401	.22044

#1	16.496	.00454	.14120	4.5180	4.2794	.03812	4.6346
#2	16.473	.00466	.17163	4.5149	4.1882	.03754	4.6489
#3	16.381	.00507	.16357	4.5148	4.2400	.03781	4.6545

Sample Name: K2194-17 Acquired: 4/30/2019 16:20:19 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17028	7.789	.26583	.08069	F<.00000
Stddev	.00061	.016	.00391	.16282	2.1131
%RSD	.35793	.2007	1.4710	201.77	4.0972

#1	.17065	7.787	.26926	.21427	-50.658
#2	.16958	7.775	.26665	-.10067	-53.989
#3	.17062	7.806	.26157	.12848	-50.072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5308.5	70081.	6925.5	76.259	4533.6
Stddev	12.3	53.	44.2	1.787	6.0
%RSD	.23205	.07607	.63848	2.3439	.13128

#1	5294.4	70137.	6876.7	74.484	4527.2
#2	5314.1	70077.	6962.8	78.058	4538.9
#3	5317.1	70030.	6937.1	76.235	4534.7

Sample Name: CCV05 Acquired: 4/30/2019 16:24:51 Type: Unk
Method: P4-ICP2(v3081) 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	5.2555	5.1885	5.1473	5.3216	5.2119	9.9820	10.564	.26141
Stddev	.0045	.0029	.0083	.0238	.0129	.1037	.085	.00056
%RSD	.08628	.05514	.16144	.44803	.24762	1.0386	.80855	.21407
#1	5.2607	5.1858	5.1381	5.3489	5.2264	9.8633	10.465	.26107
#2	5.2524	5.1915	5.1498	5.3116	5.2075	10.055	10.615	.26110
#3	5.2534	5.1882	5.1541	5.3045	5.2018	10.028	10.611	.26205
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5418	25.753	1.0174	2.5816	1.2904	5.1469	2.6209	25.977
Stddev	.0031	.086	.0033	.0026	.0023	.0077	.0056	.289
%RSD	.12167	.33441	.32264	.10189	.17502	.15048	.21264	1.1138
#1	2.5383	25.680	1.0137	2.5786	1.2915	5.1402	2.6164	25.679
#2	2.5438	25.848	1.0192	2.5832	1.2878	5.1450	2.6191	26.256
#3	2.5434	25.732	1.0195	2.5831	1.2918	5.1554	2.6271	25.997
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5370	1.2713	25.820	2.5596	2.5982	24.701	5.1678	4.9131
Stddev	.0026	.0038	.202	.0038	.0029	.150	.0047	.0838
%RSD	.10073	.29915	.78384	.14704	.11218	.60561	.09059	1.7064
#1	2.5342	1.2690	25.593	2.5578	2.5956	24.528	5.1730	4.8164
#2	2.5375	1.2692	25.983	2.5571	2.6013	24.780	5.1640	4.9644
#3	2.5392	1.2757	25.884	2.5639	2.5977	24.794	5.1662	4.9586
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2752	5.0383	5.1674	5.1316	4.8034	5.345	5.1780	F 5.6942
Stddev	.0052	.0442	.0151	.0138	.0172	.005	.0103	.1596
%RSD	.09776	.87668	.29178	.26879	.35866	.1011	.19921	2.8021
#1	5.2752	5.0865	5.1503	5.1194	4.8211	5.351	5.1857	5.7698
#2	5.2700	4.9998	5.1732	5.1289	4.7867	5.340	5.1663	5.5109
#3	5.2803	5.0286	5.1787	5.1466	4.8024	5.345	5.1821	5.8019

Sample Name: CCV05 Acquired: 4/30/2019 16:24:51 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7771
Stddev .7877
%RSD 20.855

#1 4.4606
#2 3.9551
#3 2.9156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4608.5	60732.	5870.0	78.254	4666.2
Stddev	11.1	164.	39.5	.143	7.7
%RSD	.24052	.26925	.67233	.18214	.16578

#1	4597.7	60861.	5824.6	78.419	4666.2
#2	4607.8	60548.	5895.5	78.172	4658.5
#3	4619.8	60786.	5890.0	78.172	4674.0

Sample Name: CCB05 Acquired: 4/30/2019 16:28:48 Type: Unk
Method: P4-ICP2(v3081) 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	.00030	.00087	-.00016	-.00006	-.00037	-.00594	.00086	-.00002
Stddev	.00172	.00100	.00062	.00178	.00154	.01449	.00073	.00004
%RSD	563.56	115.08	377.16	2821.6	418.82	243.90	85.660	246.17

#1	-.00115	-.00016	-.00050	.00147	-.00139	-.00804	.00128	-.00002
#2	-.00013	.00093	-.00055	-.00201	-.00111	.00948	.00001	.00002
#3	.00220	.00183	.00055	.00036	.00140	-.01927	.00128	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00072	-.00001	-.00014	-.00042	.00296	.00007	-.01277
Stddev	.00002	.00258	.00014	.00005	.00021	.00086	.00006	.03751
%RSD	403.85	360.25	2312.9	33.497	50.254	29.086	84.184	293.72

#1	-.00000	.00268	-.00016	-.00009	-.00042	.00252	.00003	-.05204
#2	-.00003	-.00220	.00001	-.00015	-.00021	.00395	.00014	-.00897
#3	.00002	.00167	.00013	-.00019	-.00064	.00240	.00004	.02269

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00052	-.03333	-.00004	-.00018	.00209	.00023	.00507
Stddev	.00037	.00044	.00770	.00018	.00008	.02432	.00022	.00560
%RSD	89.574	84.902	23.097	462.10	44.085	1161.0	95.233	110.37

#1	-.00001	.00006	-.04197	.00017	-.00009	-.02518	.00044	.01019
#2	.00068	.00094	-.03082	-.00016	-.00021	.00994	.00026	-.00091
#3	.00056	.00055	-.02720	-.00012	-.00024	.02152	.00000	.00594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00597	.00840	-.00077	-.00015	-.00279	-.0016	.00002	F 4.4736
Stddev	.00210	.00709	.00075	.00107	.00078	.0001	.00003	1.4173
%RSD	35.186	84.425	97.697	709.26	27.933	5.940	130.78	31.681

#1	-.00767	.00181	-.00005	-.00052	-.00194	-.0016	.00003	3.6344
#2	-.00362	.01590	-.00071	.00106	-.00347	-.0015	-.00001	6.1100
#3	-.00662	.00748	-.00155	-.00098	-.00296	-.0017	.00005	3.6765

Sample Name: CCB05 Acquired: 4/30/2019 16:28:48 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5643
Stddev	.6522
%RSD	41.695

#1	1.2610
#2	1.1189
#3	2.3129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4937.3	62564.	5993.8	81.861	5507.8
Stddev	8.4	4381.	41.0	1.033	11.4
%RSD	.17085	7.0018	.68410	1.2623	.20683

#1	4927.7	64702.	5947.2	82.342	5495.4
#2	4940.9	57525.	6024.4	80.675	5510.2
#3	4943.3	65466.	6009.7	82.567	5517.8

Sample Name: K2199-17 Acquired: 4/30/2019 16:33:16 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05381	.00391	1.3857	.05412	.00987	120.46	1.2150
Stddev	.00112	.00104	.0028	.00121	.00068	.53	.0033
%RSD	2.0738	26.530	.19980	2.2355	6.8855	.44032	.27313

#1	.05366	.00271	1.3842	.05279	.00973	120.57	1.2143
#2	.05279	.00457	1.3840	.05516	.01061	120.93	1.2186
#3	.05500	.00445	1.3889	.05441	.00927	119.89	1.2121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01624	.00450	59.017	.20621	.11569	.32262	224.77
Stddev	.00014	.00030	.300	.00106	.00024	.00039	1.77
%RSD	.84997	6.7685	.50865	.51590	.21091	.12174	.78923

#1	.01629	.00462	59.056	.20710	.11557	.32303	224.21
#2	.01636	.00415	58.700	.20650	.11597	.32225	226.76
#3	.01609	.00472	59.296	.20503	.11552	.32259	223.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8682	46.983	.20449	-.01418	9.5528	.43475	3.1247
Stddev	.0341	.190	.00070	.00009	.0415	.00113	.0066
%RSD	.70016	.40389	.34456	.60068	.43412	.26077	.21072

#1	4.8451	46.829	.20450	-.01414	9.5528	.43605	3.1323
#2	4.9074	47.195	.20377	-.01428	9.5943	.43422	3.1205
#3	4.8522	46.925	.20518	-.01413	9.5113	.43398	3.1214

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.091	.00992	.36079	4.5213	2.7912	.06736	4.2515
Stddev	.113	.00027	.00032	.0079	.0329	.00036	.0033
%RSD	.80406	2.6863	.09002	.17550	1.1785	.53557	.07742

#1	14.126	.00961	.36051	4.5244	2.7945	.06705	4.2505
#2	14.183	.01010	.36072	4.5123	2.7567	.06776	4.2487
#3	13.964	.01005	.36115	4.5272	2.8222	.06726	4.2551

Sample Name: K2199-17 Acquired: 4/30/2019 16:33:16 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15070	6.780	.03623	<.00000	F<.00000
Stddev	.00046	.017	.00313	.27445	.77156
%RSD	.30213	.2482	8.6430	15.080	1.2048
#1	.15048	6.794	.03710	-1.6306	-64.558
#2	.15122	6.761	.03276	-2.1347	-63.152
#3	.15039	6.784	.03884	-1.6946	-64.406
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5577.8	73258.	7174.1	79.005	4641.9
Stddev	3.3	279.	38.7	1.246	2.8
%RSD	.05867	.38039	.53992	1.5775	.06089
#1	5575.7	73187.	7164.1	77.862	4639.9
#2	5576.1	73022.	7216.9	80.334	4640.6
#3	5581.5	73565.	7141.4	78.818	4645.1

Sample Name: K2199-19 Acquired: 4/30/2019 16:37:50 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03211	.00334	1.4392	.04574	.00622	131.71	.78348
Stddev	.00144	.00086	.0067	.00079	.00237	.23	.00386
%RSD	4.4835	25.894	.46645	1.7259	38.065	.17440	.49322

#1	.03104	.00426	1.4350	.04649	.00610	131.90	.77996
#2	.03374	.00255	1.4357	.04492	.00391	131.46	.78762
#3	.03153	.00320	1.4470	.04581	.00864	131.77	.78287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01240	.00430	111.71	.18418	.12337	.46534	192.23
Stddev	.00009	.00017	.65	.00057	.00018	.00088	.70
%RSD	.75151	3.9910	.58629	.30922	.14958	.18957	.36564

#1	.01250	.00411	112.01	.18444	.12336	.46440	192.50
#2	.01241	.00445	110.96	.18353	.12356	.46549	191.44
#3	.01231	.00433	112.17	.18458	.12319	.46614	192.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7101	67.834	.23387	-.01109	11.575	.50712	1.3077
Stddev	.0094	.484	.00101	.00053	.060	.00377	.0021
%RSD	.25388	.71307	.43352	4.7845	.51701	.74363	.15858

#1	3.7088	67.304	.23293	-.01058	11.513	.50376	1.3100
#2	3.7014	67.948	.23374	-.01164	11.632	.51120	1.3071
#3	3.7201	68.251	.23494	-.01104	11.581	.50641	1.3060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.730	.00334	.26883	6.1695	3.2210	.03004	5.0998
Stddev	.071	.00005	.01083	.0160	.0785	.00056	.0378
%RSD	.60793	1.5941	4.0292	.25915	2.4355	1.8728	.74114

#1	11.679	.00337	.25850	6.1522	3.3116	.02941	5.1245
#2	11.699	.00337	.28010	6.1724	3.1772	.03021	5.0563
#3	11.811	.00328	.26791	6.1838	3.1742	.03049	5.1187

Sample Name: K2199-19 Acquired: 4/30/2019 16:37:50 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13242	9.156	.25302	<.00000	F<.00000
Stddev	.00185	.009	.00214	.27149	3.0903
%RSD	1.3982	.0989	.84753	114.12	6.3949
#1	.13350	9.155	.25517	-.38350	-45.249
#2	.13028	9.148	.25088	-.40552	-51.429
#3	.13347	9.166	.25302	.07534	-48.294
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5440.9	71657.	7082.4	80.013	4556.0
Stddev	1.1	119.	77.5	3.146	9.4
%RSD	.02069	.16574	1.0937	3.9313	.20600
#1	5440.2	71521.	7012.8	76.385	4547.2
#2	5442.2	71741.	7165.9	81.679	4565.9
#3	5440.4	71709.	7068.6	81.975	4554.8

Sample Name: K2579-01 Acquired: 4/30/2019 16:42:23 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00258	.20642	.05197	.00818	134.66	.61888
Stddev	.00301	.00171	.00043	.00170	.00117	.69	.00419
%RSD	67.355	66.320	.20775	3.2765	14.268	.51289	.67639

#1	.00367	.00061	.20648	.05002	.00861	133.86	.61411
#2	.00780	.00351	.20596	.05274	.00686	135.05	.62193
#3	.00194	.00363	.20681	.05315	.00908	135.07	.62060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01313	.00294	74.151	.20042	.16431	.42400	218.62
Stddev	.00009	.00013	.272	.00219	.00012	.00102	1.31
%RSD	.68079	4.5500	.36661	1.0929	.07019	.23939	.59704

#1	.01304	.00307	73.918	.19896	.16431	.42419	217.12
#2	.01322	.00295	74.086	.19936	.16420	.42491	219.48
#3	.01313	.00281	74.449	.20294	.16443	.42290	219.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7639	98.893	.26144	-.01403	7.4642	.47685	.68072
Stddev	.0156	.993	.00077	.00026	.0532	.00266	.00034
%RSD	.41454	1.0036	.29270	1.8723	.71341	.55686	.04993

#1	3.7475	97.748	.26080	-.01401	7.4031	.47481	.68045
#2	3.7785	99.418	.26229	-.01431	7.5006	.47985	.68110
#3	3.7658	99.512	.26122	-.01379	7.4890	.47589	.68060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.640	.00256	.16646	7.5494	2.4909	.02309	6.7163
Stddev	.202	.00033	.00289	.0225	.0328	.00101	.0163
%RSD	.78919	12.930	1.7351	.29854	1.3158	4.3773	.24188

#1	25.407	.00294	.16737	7.5265	2.4811	.02209	6.7349
#2	25.761	.00233	.16323	7.5501	2.5275	.02306	6.7088
#3	25.753	.00241	.16879	7.5715	2.4643	.02411	6.7051

Sample Name: K2579-01 Acquired: 4/30/2019 16:42:23 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WASTE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19610	F 10.34	-.02123	<.00000	F<.00000
Stddev	.00107	.04	.00112	.02169	1.3171
%RSD	.54423	.3539	5.2664	1.7874	2.0497

#1	.19585	10.31	-.02043	-1.2310	-63.090
#2	.19518	10.34	-.02251	-1.2198	-65.685
#3	.19727	10.38	-.02075	-1.1891	-63.994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5555.5	73624.	7225.2	79.534	4614.8
Stddev	16.3	312.	24.0	.863	9.5
%RSD	.29407	.42348	.33236	1.0848	.20525

#1	5542.2	73969.	7220.8	80.509	4611.3
#2	5550.6	73542.	7251.0	79.225	4607.5
#3	5573.8	73362.	7203.6	78.868	4625.5

Sample Name: K2601-01 Acquired: 4/30/2019 16:46:57 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06087	.00321	3.0123	.05738	.01200	140.73	2.0034
Stddev	.00372	.00331	.0044	.00283	.00129	.64	.0115
%RSD	6.1142	103.38	.14617	4.9306	10.793	.45326	.57513

#1	.06336	.00429	3.0173	.05447	.01346	140.31	1.9951
#2	.06266	.00584	3.0088	.06012	.01150	140.42	1.9986
#3	.05659	-.00051	3.0110	.05756	.01102	141.46	2.0166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01545	.01056	288.63	.29258	.15033	.79352	236.54
Stddev	.00013	.00020	2.20	.00094	.00018	.00250	1.50
%RSD	.84530	1.8968	.76204	.32187	.11898	.31529	.63487

#1	.01551	.01036	287.53	.29154	.15027	.79461	236.39
#2	.01530	.01076	291.16	.29283	.15019	.79529	235.11
#3	.01555	.01056	287.19	.29337	.15053	.79066	238.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9154	143.29	.44638	-.01401	6.5910	.46141	2.5439
Stddev	.0028	.64	.00065	.00047	.0401	.00107	.0009
%RSD	.05712	.44466	.14489	3.3544	.60910	.23296	.03603

#1	4.9183	142.68	.44705	-.01431	6.5547	.46119	2.5442
#2	4.9151	143.24	.44634	-.01426	6.5841	.46045	2.5447
#3	4.9127	143.95	.44576	-.01347	6.6341	.46257	2.5429

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.567	.00612	.23648	F 11.896	5.9892	.34973	4.8066
Stddev	.093	.00025	.00935	.008	.0535	.00024	.0265
%RSD	.47361	4.1427	3.9543	.06657	.89265	.06745	.55184

#1	19.480	.00608	.23022	11.896	5.9647	.35000	4.7822
#2	19.556	.00589	.23200	11.888	6.0505	.34956	4.8349
#3	19.664	.00639	.24723	11.904	5.9523	.34964	4.8028

Sample Name: K2601-01 Acquired: 4/30/2019 16:46:57 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-008 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18162	8.268	.34248	1.3525	F<.00000
Stddev	.00213	.002	.00660	.0474	2.6828
%RSD	1.1712	.0277	1.9267	3.5039	4.5026

#1	.17989	8.271	.34010	1.4072	-61.786
#2	.18399	8.267	.34994	1.3242	-56.595
#3	.18096	8.267	.33740	1.3261	-60.368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4996.5	66689.	6654.7	74.821	4242.2
Stddev	4.9	253.	63.7	1.540	7.3
%RSD	.09798	.37889	.95657	2.0586	.17295

#1	4991.9	66476.	6631.1	76.315	4234.6
#2	5001.7	66968.	6606.2	73.239	4249.3
#3	4996.0	66623.	6726.8	74.908	4242.7

Sample Name: K2194-02 Acquired: 4/30/2019 16:54:17 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	-.00223	.01262	.00421	-.00176	.13295	.19029	.00009
Stddev	.00348	.00049	.00018	.00093	.00027	.00907	.00107	.00005
%RSD	265.49	21.833	1.4287	22.053	15.203	6.8238	.56048	53.803

#1	-.00487	-.00260	.01276	.00470	-.00150	.13564	.18908	.00008
#2	.00210	-.00242	.01242	.00479	-.00174	.14038	.19105	.00005
#3	-.00117	-.00168	.01269	.00314	-.00203	.12284	.19076	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	57.758	.00063	.00514	.00653	.17585	.65729	4.7477
Stddev	.00003	.285	.00015	.00023	.00028	.00167	.00003	.0905
%RSD	12.230	.49363	23.494	4.4938	4.2352	.95202	.00453	1.9070

#1	.00020	57.946	.00080	.00533	.00648	.17449	.65730	4.6639
#2	.00020	57.430	.00055	.00488	.00683	.17533	.65731	4.7355
#3	.00024	57.899	.00054	.00520	.00628	.17772	.65726	4.8437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00016	285.42	.00026	.12886	2.9395	-.00018	.01351
Stddev	.00047	.00030	2.73	.00042	.00023	.0429	.00022	.01311
%RSD	10.425	183.65	.95595	162.50	.17491	1.4608	127.01	97.102

#1	.00399	.00039	282.28	.00023	.12861	2.8986	.00003	.00941
#2	.00492	.00027	286.85	-.00014	.12903	2.9356	-.00042	.02818
#3	.00450	-.00018	287.14	.00069	.12894	2.9842	-.00014	.00293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76574	1.9780	-.00043	-.00038	.00317	.0051	.24581	6.2404
Stddev	.00201	.0098	.00025	.00061	.00172	.0019	.00134	.0631
%RSD	.26214	.49501	58.130	159.63	54.166	36.35	.54530	1.0105

#1	.76700	1.9849	-.00058	.00032	.00261	.0072	.24706	6.2484
#2	.76678	1.9668	-.00058	-.00067	.00180	.0046	.24439	6.2990
#3	.76342	1.9823	-.00014	-.00078	.00510	.0036	.24599	6.1737

Sample Name: K2194-02 Acquired: 4/30/2019 16:54:17 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.903
 Stddev 1.294
 %RSD 10.870

#1 11.600
 #2 10.787
 #3 13.321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4536.8	59799.	5944.0	79.881	4591.8
Stddev	15.3	86.	41.3	1.441	12.9
%RSD	.33634	.14300	.69535	1.8038	.28139

#1	4527.4	59748.	5896.3	78.343	4580.5
#2	4528.7	59752.	5967.9	80.103	4588.9
#3	4554.4	59898.	5967.8	81.199	4605.9

Sample Name: K2194-02DUP Acquired: 4/30/2019 16:58:50 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	-.00195	.01207	.00228	-.00164	.12936	.18451	.00010
Stddev	.00143	.00038	.00119	.00089	.00036	.00200	.00075	.00003
%RSD	58.777	19.407	9.8750	38.923	21.754	1.5446	.40691	29.608
#1	-.00264	-.00172	.01096	.00293	-.00144	.12753	.18408	.00013
#2	-.00377	-.00174	.01333	.00127	-.00206	.13149	.18538	.00009
#3	-.00092	-.00238	.01193	.00264	-.00144	.12907	.18407	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	55.719	.00082	.00493	.00605	.16964	.63590	4.6156
Stddev	.00006	.282	.00027	.00010	.00023	.00117	.00164	.0109
%RSD	26.045	.50690	33.149	2.0831	3.7390	.69007	.25841	.23648
#1	.00025	55.635	.00100	.00500	.00584	.17076	.63775	4.6277
#2	.00030	55.488	.00095	.00498	.00601	.16842	.63461	4.6065
#3	.00017	56.034	.00051	.00481	.00629	.16972	.63535	4.6126
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	.00014	275.83	.00034	.12349	2.9927	-.00021	.02040
Stddev	.00016	.00006	.71	.00024	.00086	.0210	.00018	.00617
%RSD	3.6158	39.242	.25621	70.462	.69662	.69993	85.907	30.257
#1	.00440	.00020	275.47	.00022	.12445	2.9899	-.00037	.01611
#2	.00440	.00009	275.37	.00018	.12321	2.9734	-.00002	.02747
#3	.00413	.00014	276.64	.00062	.12280	3.0150	-.00023	.01761
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73083	1.8930	.00044	-.00014	.00232	.0013	.23674	5.3861
Stddev	.00489	.0027	.00036	.00161	.00084	.0016	.00030	.0846
%RSD	.66922	.14118	81.609	1182.6	36.050	123.6	.12797	1.5697
#1	.73097	1.8936	.00027	.00107	.00322	.0025	.23675	5.4481
#2	.73566	1.8901	.00086	.00048	.00157	.0019	.23643	5.2898
#3	.72588	1.8954	.00020	-.00196	.00217	-.0005	.23704	5.4205

Sample Name: K2194-02DUP Acquired: 4/30/2019 16:58:50 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.697
 Stddev .152
 %RSD 1.4171

#1 10.562
 #2 10.861
 #3 10.669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4702.1	61429.	6132.4	83.829	4769.0
Stddev	23.2	248.	29.1	1.248	24.0
%RSD	.49248	.40385	.47522	1.4892	.50297

#1	4679.9	61143.	6107.2	83.908	4748.6
#2	4700.3	61553.	6164.3	82.543	4763.0
#3	4726.1	61591.	6125.8	85.036	4795.4

Sample Name: K2194-02LX5 Acquired: 4/30/2019 17:03:22 Type: Unk
Method: P4-ICP2(v3081) 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	.00004	.00029	.00446	-.00026	-.00099	.02453	.04065	.00005
Stddev	.00144	.00062	.00017	.00098	.00112	.01079	.00048	.00002
%RSD	3559.1	209.56	3.8460	382.86	113.82	43.978	1.1813	35.795

#1	.00045	.00042	.00465	-.00093	-.00154	.02290	.04095	.00005
#2	-.00155	-.00038	.00431	.00087	-.00173	.01465	.04010	.00007
#3	.00123	.00084	.00443	-.00071	.00030	.03603	.04091	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	12.636	.00007	.00106	.00133	.04043	.14385	1.0141
Stddev	.00005	.048	.00019	.00010	.00020	.00068	.00097	.0300
%RSD	270.85	.37873	280.85	9.4630	15.121	1.6744	.67668	2.9616

#1	.00004	12.582	.00016	.00107	.00110	.03970	.14327	1.0169
#2	-.00005	12.651	.00018	.00116	.00144	.04104	.14497	.98276
#3	-.00004	12.674	-.00015	.00096	.00145	.04053	.14330	1.0426

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00008	59.903	-.00001	.02801	.68283	-.00023	.01321
Stddev	.00016	.00011	.168	.00024	.00008	.03149	.00020	.00873
%RSD	34.868	131.33	.28124	2761.5	.30171	4.6117	86.486	66.126

#1	.00029	.00005	59.872	.00024	.02807	.68385	-.00012	.00373
#2	.00050	.00020	59.753	-.00004	.02804	.71379	-.00045	.02093
#3	.00061	-.00001	60.085	-.00022	.02791	.65084	-.00011	.01497

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15177	.45025	-.00085	.00035	.00192	-.0020	.05334	4.7563
Stddev	.00171	.00831	.00063	.00025	.00176	.0013	.00016	.2420
%RSD	1.1248	1.8453	73.597	70.198	91.639	62.32	.29089	5.0889

#1	.15323	.44247	-.00028	.00026	-.00010	-.0020	.05340	5.0222
#2	.14989	.45900	-.00152	.00016	.00312	-.0008	.05317	4.5489
#3	.15218	.44928	-.00076	.00063	.00274	-.0034	.05347	4.6977

Sample Name: K2194-02LX5 Acquired: 4/30/2019 17:03:22 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7275
Stddev 1.2032
%RSD 17.885

#1 5.5943
#2 7.9903
#3 6.5980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4694.4	61588.	5891.8	81.044	4936.1
Stddev	18.7	168.	8.3	.443	16.3
%RSD	.39737	.27226	.14046	.54658	.33055

#1	4678.9	61745.	5901.3	81.546	4921.4
#2	4689.3	61609.	5886.4	80.706	4933.2
#3	4715.1	61411.	5887.6	80.881	4953.7

Sample Name: K2194-02MS Acquired: 4/30/2019 17:07:47 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 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	.78312	1.8446	.95490	2.0246	.76605	2.0285	.38946	.19545	.19062
Stddev	.00407	.0188	.00941	.0217	.00812	.0332	.00262	.00107	.00167
%RSD	.51933	1.0187	.98547	1.0714	1.0598	1.6384	.67385	.54698	.87828

#1	.78568	1.8516	.95790	2.0277	.77046	1.9938	.38741	.19491	.19153
#2	.78525	1.8588	.96243	2.0446	.77102	2.0601	.39242	.19668	.19164
#3	.77843	1.8233	.94435	2.0016	.75668	2.0315	.38855	.19476	.18869

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.317	.39753	.19845	.29418	3.1251	.85615	6.6808	.47794	.06822
Stddev	.182	.00191	.00210	.00219	.0216	.00550	.1298	.00476	.00073
%RSD	.30695	.48107	1.0601	.74321	.69107	.64260	1.9424	.99639	1.0757

#1	59.519	.39631	.19956	.29517	3.1162	.85306	6.5339	.48044	.06738
#2	59.267	.39974	.19976	.29570	3.1497	.86250	6.7800	.48094	.06872
#3	59.165	.39656	.19602	.29168	3.1093	.85289	6.7285	.47245	.06857

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	286.07	.30187	.32789	12.823	.39583	.28662	.74154	2.8372	.65852
Stddev	4.91	.00146	.00313	.173	.00315	.00515	.00797	.0162	.00881
%RSD	1.7175	.48215	.95463	1.3479	.79570	1.7969	1.0750	.57205	1.3378

#1	282.06	.30096	.32934	12.631	.39612	.28382	.74661	2.8504	.66319
#2	291.55	.30355	.33004	12.966	.39882	.28347	.74566	2.8421	.66401
#3	284.60	.30109	.32430	12.871	.39254	.29256	.73235	2.8191	.64835

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19079	.18889	5.899	.43698	5.0834	12.776
Stddev	.00020	.00172	.055	.00207	.0821	.700
%RSD	.10631	.91164	.9386	.47353	1.6156	5.4759

#1	.19089	.18691	5.917	.43926	5.1269	11.969
#2	.19055	.18999	5.944	.43646	5.1347	13.197
#3	.19092	.18977	5.837	.43522	4.9887	13.164

Sample Name: K2194-02MS Acquired: 4/30/2019 17:07:47 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 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	4737.6	62243.	6065.4	81.949	4814.5
Stddev	44.8	325.	57.7	1.473	50.1
%RSD	.94639	.52151	.95052	1.7973	1.0416
#1	4712.3	62349.	6003.6	81.076	4781.6
#2	4711.2	61878.	6075.1	81.121	4789.8
#3	4789.4	62501.	6117.7	83.649	4872.3

Sample Name: K2194-02MSD Acquired: 4/30/2019 17:12:00 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 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	.79703	1.8941	.97462	2.0558	.77852	2.0586	.39661	.19856	.19536
Stddev	.00555	.0093	.00386	.0054	.00437	.0260	.00225	.00023	.00079
%RSD	.69673	.49209	.39596	.26307	.56139	1.2616	.56821	.11798	.40618

#1	.79729	1.9003	.97531	2.0552	.78299	2.0726	.39408	.19863	.19572
#2	.79134	1.8834	.97047	2.0508	.77426	2.0287	.39738	.19874	.19445
#3	.80244	1.8987	.97809	2.0615	.77831	2.0746	.39838	.19829	.19591

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.574	.40643	.20403	.29946	3.1939	.87378	6.8090	.49021	.07000
Stddev	.131	.00032	.00088	.00098	.0022	.00237	.0013	.00205	.00039
%RSD	.21671	.07912	.42899	.32688	.06906	.27151	.01933	.41729	.55215

#1	60.514	.40666	.20411	.30017	3.1964	.87296	6.8076	.49046	.07036
#2	60.724	.40658	.20312	.29834	3.1928	.87646	6.8093	.48805	.06959
#3	60.483	.40607	.20487	.29986	3.1924	.87193	6.8102	.49212	.07004

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	290.04	.30858	.33645	12.938	.40230	.29922	.76302	2.8585	.67420
Stddev	.62	.00115	.00160	.014	.00213	.01130	.00430	.0191	.00307
%RSD	.21379	.37396	.47582	.11007	.52869	3.7760	.56412	.66653	.45568

#1	289.54	.30781	.33723	12.926	.40413	.31225	.76798	2.8681	.67742
#2	290.74	.30990	.33461	12.954	.39997	.29320	.76087	2.8709	.67130
#3	289.85	.30802	.33751	12.934	.40281	.29220	.76022	2.8366	.67390

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19489	.19186	6.066	.44291	5.4664	12.900
Stddev	.00212	.00097	.012	.00164	.0577	1.350
%RSD	1.0866	.50427	.1901	.36970	1.0546	10.466

#1	.19532	.19169	6.073	.44325	5.5236	12.441
#2	.19259	.19290	6.052	.44435	5.4672	11.838
#3	.19675	.19099	6.071	.44113	5.4083	14.419

Sample Name: K2194-02MSD Acquired: 4/30/2019 17:12:00 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 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	4675.4	61359.	6006.1	81.758	4718.1
Stddev	20.0	210.	56.2	.819	15.4
%RSD	.42880	.34185	.93602	1.0012	.32717
#1	4652.2	61375.	5979.1	80.910	4700.6
#2	4687.6	61142.	5968.6	81.821	4724.0
#3	4686.2	61561.	6070.8	82.543	4729.8

Sample Name: K2194-02A Acquired: 4/30/2019 17:31:15 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79883	1.8820	.96735	2.0681	.77867	2.0562	.39606	.19712	.19404
Stddev	.00242	.0053	.00314	.0075	.00265	.0055	.00077	.00012	.00063
%RSD	.30264	.28030	.32429	.36223	.33982	.26835	.19550	.06169	.32532
#1	.79691	1.8797	.96521	2.0619	.77562	2.0626	.39674	.19701	.19338
#2	.79805	1.8783	.96589	2.0662	.78035	2.0526	.39522	.19710	.19409
#3	.80155	1.8881	.97095	2.0764	.78005	2.0534	.39623	.19725	.19464
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.306	.40476	.20195	.29848	3.1749	.87037	6.8066	.48690	.06974
Stddev	.405	.00004	.00055	.00184	.0037	.00072	.0689	.00143	.00029
%RSD	.67155	.01045	.27449	.61593	.11685	.08315	1.0129	.29421	.41948
#1	59.916	.40479	.20206	.29657	3.1713	.86959	6.7604	.48548	.06981
#2	60.725	.40471	.20244	.29862	3.1745	.87050	6.7736	.48687	.06999
#3	60.278	.40479	.20135	.30024	3.1787	.87102	6.8859	.48834	.06941
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	287.32	.30745	.33227	13.013	.40187	.28886	.75917	2.8536	.66932
Stddev	2.30	.00111	.00071	.082	.00137	.00636	.00281	.0183	.00244
%RSD	.79888	.36073	.21280	.62821	.34172	2.2014	.36976	.64057	.36496
#1	284.68	.30623	.33225	13.065	.40071	.28167	.76123	2.8380	.66749
#2	288.83	.30772	.33158	12.919	.40150	.29373	.75597	2.8737	.66837
#3	288.45	.30840	.33299	13.056	.40339	.29118	.76029	2.8490	.67209
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19327	.19239	6.051	.44094	5.2569	12.915			
Stddev	.00170	.00035	.007	.00267	.1293	1.548			
%RSD	.87918	.17985	.1195	.60586	2.4605	11.988			
#1	.19164	.19199	6.050	.44065	5.2362	14.443			
#2	.19503	.19264	6.044	.44375	5.3954	11.348			
#3	.19316	.19252	6.058	.43843	5.1392	12.952			

Sample Name: K2194-02A Acquired: 4/30/2019 17:31:15 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI 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	4722.4	62285.	6116.1	84.860	4784.1
Stddev	6.4	109.	38.8	.724	8.3
%RSD	.13653	.17489	.63405	.85262	.17342
#1	4723.8	62165.	6109.7	84.205	4777.7
#2	4715.4	62378.	6080.9	84.739	4781.2
#3	4728.1	62313.	6157.7	85.637	4793.5

Sample Name: CCV06 Acquired: 4/30/2019 17:35:29 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14901 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	5.2043	5.1305	5.0848	5.2585	5.1498	9.7975	10.328	.25722	2.5071
Stddev	.0202	.0051	.0250	.0201	.0235	.0849	.039	.00027	.0105
%RSD	.38812	.09911	.49139	.38196	.45563	.86609	.37771	.10661	.41811
#1	5.1867	5.1262	5.0572	5.2533	5.1345	9.7059	10.307	.25692	2.4960
#2	5.1999	5.1291	5.0916	5.2415	5.1381	9.8133	10.304	.25746	2.5084
#3	5.2264	5.1361	5.1057	5.2807	5.1768	9.8734	10.373	.25728	2.5168
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.447	1.0018	2.5544	1.2707	5.0698	2.5868	25.462	2.4990	1.2498
Stddev	.122	.0019	.0073	.0031	.0124	.0021	.177	.0086	.0017
%RSD	.47927	.18559	.28483	.24694	.24444	.08207	.69382	.34262	.13189
#1	25.325	.99963	2.5462	1.2671	5.0592	2.5845	25.335	2.4896	1.2514
#2	25.448	1.0027	2.5567	1.2719	5.0668	2.5887	25.387	2.5008	1.2481
#3	25.569	1.0030	2.5602	1.2730	5.0834	2.5873	25.663	2.5065	1.2499
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	25.139	2.5204	2.5768	24.103	5.1108	4.8024	5.2382	4.9595	5.1205
Stddev	.072	.0025	.0109	.138	.0258	.0493	.0124	.0188	.0180
%RSD	.28497	.09891	.42353	.57103	.50553	1.0266	.23686	.38009	.35111
#1	25.094	2.5196	2.5652	23.955	5.0871	4.7513	5.2241	4.9518	5.1031
#2	25.101	2.5185	2.5786	24.125	5.1070	4.8061	5.2473	4.9810	5.1195
#3	25.221	2.5232	2.5868	24.228	5.1384	4.8497	5.2433	4.9457	5.1390
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0467	4.7478	5.316	5.1094	5.3949	5.3248			
Stddev	.0296	.0380	.022	.0203	.0815	.5361			
%RSD	.58714	.80027	.4222	.39637	1.5111	10.069			
#1	5.0126	4.7044	5.323	5.0898	5.4157	5.9018			
#2	5.0659	4.7750	5.291	5.1302	5.4640	4.8420			
#3	5.0616	4.7639	5.335	5.1082	5.3050	5.2305			

Sample Name: CCV06 Acquired: 4/30/2019 17:35:29 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14901 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	4762.9	63390.	6072.4	80.045	4814.0
Stddev	15.8	125.	39.7	.068	13.6
%RSD	.33105	.19696	.65344	.08510	.28346
#1	4779.1	63326.	6075.8	80.093	4829.7
#2	4762.2	63311.	6031.2	80.075	4806.0
#3	4747.6	63534.	6110.3	79.967	4806.2

Sample Name: CCB06 Acquired: 4/30/2019 17:39:26 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14901 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	.00180	-.00028	.00114	.00017	-.01133	.00150	-.00001
Stddev	.00066	.00044	.00043	.00064	.00113	.00207	.00026	.00006
%RSD	1457.0	24.317	152.77	56.241	662.75	18.305	17.615	500.41
#1	-.00065	.00192	-.00054	.00159	-.00032	-.00952	.00166	-.00008
#2	.00067	.00218	-.00052	.00142	-.00063	-.01360	.00119	.00003
#3	.00012	.00132	.00022	.00041	.00146	-.01088	.00164	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00978	.00012	.00011	-.00042	.00111	-.00000	-.01520
Stddev	.00001	.00704	.00018	.00007	.00005	.00022	.00003	.00180
%RSD	29.337	72.008	152.30	58.810	11.893	19.868	769.01	11.821
#1	-.00003	.01626	.00033	.00004	-.00042	.00136	-.00004	-.01468
#2	-.00005	.01078	-.00001	.00015	-.00037	.00102	.00003	-.01371
#3	-.00006	.00229	.00004	.00016	-.00047	.00095	-.00001	-.01720
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00002	.07115	-.00013	-.00045	-.02044	.00014	.00511
Stddev	.00047	.00009	.00494	.00023	.00004	.02739	.00024	.00436
%RSD	66.511	400.86	6.9434	171.10	9.8350	133.98	167.11	85.295
#1	.00046	.00008	.06552	-.00026	-.00047	.00488	.00042	.00740
#2	.00042	.00006	.07475	-.00027	-.00048	-.04950	-.00004	.00784
#3	.00126	-.00008	.07318	.00013	-.00040	-.01670	.00005	.00008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00915	.00084	-.00036	.00022	-.00103	-.0013	-.00000	F 4.0720
Stddev	.00055	.00181	.00041	.00071	.00059	.0005	.00003	.1843
%RSD	5.9806	215.20	112.62	324.25	57.408	36.91	995.76	4.5249
#1	-.00869	.00290	-.00049	-.00052	-.00102	-.0010	-.00004	3.8717
#2	-.00900	-.00053	-.00069	.00029	-.00044	-.0010	.00002	4.2344
#3	-.00976	.00015	.00009	.00090	-.00162	-.0018	.00001	4.1097

Sample Name: CCB06 Acquired: 4/30/2019 17:39:26 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14901 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4007
Stddev	1.2027
%RSD	85.869

#1	.07016
#2	1.7211
#3	2.4107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5014.6	67080.	6197.4	84.983	5581.6
Stddev	6.0	177.	40.3	1.071	4.8
%RSD	.11972	.26316	.64948	1.2607	.08563

#1	5017.3	66879.	6168.9	84.450	5581.6
#2	5007.7	67209.	6179.9	86.217	5576.8
#3	5018.8	67153.	6243.5	84.283	5586.4

Sample Name: K2194-04 Acquired: 4/30/2019 17:43:53 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	-.00264	.01657	.00185	-.00084	.11967	.10126	.00011
Stddev	.00126	.00066	.00035	.00232	.00031	.00356	.00066	.00004
%RSD	38.075	24.974	2.0879	125.63	36.779	2.9790	.65607	31.861

#1	-.00475	-.00212	.01694	.00187	-.00118	.11633	.10082	.00012
#2	-.00238	-.00242	.01653	.00416	-.00073	.12342	.10203	.00014
#3	-.00281	-.00339	.01625	-.00048	-.00060	.11925	.10095	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	31.738	.00059	.00279	.01102	.19227	.46294	1.3851
Stddev	.00009	.100	.00017	.00011	.00048	.00141	.00113	.0210
%RSD	30.252	.31631	28.681	3.9862	4.3666	.73212	.24345	1.5144

#1	.00033	31.640	.00062	.00292	.01056	.19194	.46202	1.4084
#2	.00033	31.732	.00040	.00274	.01152	.19105	.46260	1.3792
#3	.00018	31.840	.00073	.00271	.01099	.19381	.46420	1.3677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	.00036	254.20	.00018	.09497	.69237	-.00008	.00338
Stddev	.00030	.00021	1.50	.00016	.00017	.02364	.00011	.00758
%RSD	10.636	58.293	.58848	86.843	.18085	3.4148	142.98	224.23

#1	.00276	.00015	252.48	.00012	.09491	.68534	-.00011	-.00383
#2	.00255	.00057	255.12	.00037	.09516	.67304	-.00016	.01129
#3	.00314	.00035	255.01	.00007	.09483	.71873	.00005	.00269

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43221	1.0675	.00059	.00052	-.00052	.0065	.13122	5.2098
Stddev	.00204	.0127	.00042	.00124	.00182	.0015	.00022	.0271
%RSD	.47268	1.1941	70.520	236.80	353.71	23.33	.16395	.51977

#1	.43190	1.0721	.00044	.00171	-.00225	.0071	.13098	5.1880
#2	.43438	1.0531	.00028	.00063	-.00068	.0077	.13140	5.2013
#3	.43033	1.0773	.00107	-.00077	.00139	.0048	.13128	5.2402

Sample Name: K2194-04 Acquired: 4/30/2019 17:43:53 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.620
Stddev	1.772
%RSD	15.250

#1	10.281
#2	10.949
#3	13.629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4748.3	62512.	6223.5	84.644	4849.2
Stddev	23.6	74.	37.1	2.495	19.5
%RSD	.49729	.11770	.59637	2.9476	.40216

#1	4727.3	62427.	6184.5	82.800	4832.3
#2	4743.6	62550.	6258.4	87.483	4844.8
#3	4773.9	62559.	6227.5	83.650	4870.5

Sample Name: K2194-06 Acquired: 4/30/2019 17:48:26 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00185	-.00132	.03439	.00156	-.00096	.21640	.12469	.00012
Stddev	.00180	.00025	.00038	.00130	.00051	.00849	.00100	.00007
%RSD	97.454	19.071	1.1011	83.547	53.484	3.9242	.80470	59.341

#1	-.00393	-.00124	.03427	.00026	-.00133	.21791	.12483	.00013
#2	-.00085	-.00111	.03409	.00286	-.00037	.20725	.12362	.00004
#3	-.00076	-.00160	.03482	.00155	-.00118	.22403	.12561	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	35.977	.00029	.00312	.00793	.22085	.70076	2.4169
Stddev	.00004	.217	.00023	.00010	.00032	.00069	.00225	.0223
%RSD	15.334	.60177	80.549	3.3520	4.0238	.31288	.32043	.92442

#1	.00021	36.064	.00028	.00314	.00821	.22128	.69843	2.4267
#2	.00028	35.731	.00006	.00321	.00801	.22005	.70291	2.4327
#3	.00023	36.137	.00053	.00300	.00758	.22121	.70093	2.3914

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	.00007	260.97	.00027	.10308	1.0698	-.00017	.01094
Stddev	.00025	.00010	1.50	.00010	.00018	.0183	.00014	.00516
%RSD	7.7566	144.82	.57462	35.145	.17001	1.7124	80.670	47.167

#1	.00344	.00014	259.33	.00035	.10293	1.0592	-.00033	.00657
#2	.00295	-.00004	261.32	.00016	.10327	1.0909	-.00010	.00961
#3	.00317	.00011	262.27	.00031	.10305	1.0592	-.00008	.01663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62434	1.5120	.00012	.00420	.00191	.0092	.15619	5.1608
Stddev	.00367	.0105	.00059	.00038	.00045	.0004	.00021	.1861
%RSD	.58760	.69279	486.64	9.1609	23.677	4.546	.13503	3.6052

#1	.62825	1.5223	.00038	.00420	.00222	.0087	.15642	4.9581
#2	.62382	1.5123	-.00055	.00458	.00213	.0092	.15616	5.3239
#3	.62097	1.5013	.00053	.00381	.00139	.0096	.15600	5.2004

Sample Name: K2194-06 Acquired: 4/30/2019 17:48:26 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.310
 Stddev 1.721
 %RSD 16.692

#1 8.3341
 #2 11.482
 #3 11.114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4758.7	63036.	6240.4	82.516	4857.9
Stddev	20.5	143.	44.1	1.338	14.8
%RSD	.43103	.22726	.70597	1.6213	.30527

#1	4747.9	62937.	6204.0	83.650	4850.0
#2	4745.9	63200.	6227.9	81.041	4848.7
#3	4782.4	62970.	6289.4	82.858	4875.0

Sample Name: K2194-08 Acquired: 4/30/2019 17:52:58 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00309	.01526	.00295	-.00125	.12692	.11192	.00007
Stddev	.00117	.00056	.00061	.00048	.00157	.01324	.00088	.00005
%RSD	60.850	18.083	3.9990	16.393	125.23	10.431	.78411	62.867

#1	-.00235	-.00247	.01587	.00263	-.00236	.11369	.11185	.00013
#2	-.00060	-.00325	.01465	.00350	-.00195	.14017	.11283	.00005
#3	-.00282	-.00355	.01527	.00271	.00054	.12691	.11108	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	51.988	.00023	.00322	.00687	.42029	.80667	2.5536
Stddev	.00005	.202	.00006	.00012	.00032	.00103	.00023	.0370
%RSD	22.509	.38846	25.808	3.7847	4.6094	.24462	.02859	1.4489

#1	.00023	51.766	.00024	.00315	.00709	.42115	.80668	2.5114
#2	.00018	52.160	.00027	.00336	.00702	.42056	.80644	2.5804
#3	.00029	52.040	.00016	.00314	.00651	.41915	.80690	2.5689

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00007	319.77	.00041	.09803	1.3778	-.00017	.00919
Stddev	.00025	.00012	.73	.00010	.00012	.0231	.00011	.00967
%RSD	7.7077	161.79	.22726	25.121	.12130	1.6783	64.958	105.23

#1	.00317	-.00016	320.32	.00051	.09799	1.3594	-.00004	.01459
#2	.00359	-.00012	318.95	.00041	.09794	1.3702	-.00021	.01496
#3	.00313	.00006	320.05	.00030	.09817	1.4037	-.00025	-.00197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97711	1.1067	.00049	-.00049	.00393	.0098	.25056	4.6343
Stddev	.00454	.0033	.00012	.00118	.00135	.0010	.00083	.1687
%RSD	.46457	.29426	23.662	240.56	34.348	9.773	.33099	3.6397

#1	.97263	1.1104	.00057	-.00128	.00294	.0109	.25084	4.7689
#2	.97700	1.1051	.00055	.00087	.00547	.0091	.25122	4.4451
#3	.98170	1.1044	.00036	-.00107	.00338	.0093	.24963	4.6888

Sample Name: K2194-08 Acquired: 4/30/2019 17:52:58 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.176
 Stddev 2.796
 %RSD 21.221

#1 10.020
 #2 14.162
 #3 15.346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4776.5	62801.	6224.2	80.964	4823.4
Stddev	4.8	225.	12.3	.242	5.5
%RSD	.10076	.35876	.19823	.29908	.11349

#1	4771.4	62885.	6210.0	81.157	4817.4
#2	4780.9	62546.	6232.2	81.044	4828.2
#3	4777.3	62972.	6230.5	80.692	4824.7

Sample Name: K2194-10 Acquired: 4/30/2019 17:57:30 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00246	.01823	.00364	-.00066	.15661	.12003	.00010
Stddev	.00092	.00054	.00077	.00340	.00047	.00514	.00072	.00001
%RSD	126.20	21.997	4.2347	93.260	70.721	3.2790	.59602	14.169

#1	-.00178	-.00184	.01799	.00493	-.00013	.16216	.11955	.00012
#2	-.00016	-.00270	.01760	-.00021	-.00083	.15564	.11968	.00010
#3	-.00024	-.00285	.01909	.00621	-.00102	.15203	.12085	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	17.979	.00029	.00279	.00967	.29444	.74479	1.0379
Stddev	.00006	.053	.00032	.00016	.00017	.00111	.00055	.0152
%RSD	29.969	.29354	109.06	5.7730	1.7619	.37840	.07420	1.4641

#1	.00014	17.924	.00002	.00262	.00982	.29562	.74486	1.0500
#2	.00025	18.030	.00022	.00294	.00949	.29341	.74420	1.0209
#3	.00021	17.982	.00064	.00281	.00970	.29428	.74530	1.0429

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	.00021	278.77	.00045	.07593	.98742	-.00023	.00249
Stddev	.00032	.00036	.90	.00022	.00045	.06640	.00005	.00426
%RSD	12.524	172.36	.32149	49.387	.59880	6.7241	20.998	171.20

#1	.00219	-.00021	278.79	.00037	.07630	.91112	-.00022	-.00212
#2	.00278	.00039	277.87	.00070	.07608	1.0191	-.00028	.00330
#3	.00268	.00044	279.66	.00027	.07542	1.0320	-.00019	.00628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35183	.78495	.00010	.00348	.00181	.0133	.08344	4.4999
Stddev	.00269	.00810	.00066	.00191	.00151	.0011	.00034	.1508
%RSD	.76392	1.0320	637.37	54.906	83.205	7.925	.40785	3.3505

#1	.35267	.79288	-.00066	.00204	.00261	.0134	.08320	4.5565
#2	.35400	.78528	.00045	.00275	.00007	.0143	.08383	4.3290
#3	.34882	.77669	.00052	.00565	.00276	.0122	.08328	4.6142

Sample Name: K2194-10 Acquired: 4/30/2019 17:57:30 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.020
 Stddev .585
 %RSD 5.8401

#1 10.552
 #2 9.3934
 #3 10.114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4854.3	63623.	6282.5	84.981	4951.9
Stddev	25.1	223.	44.8	1.277	18.1
%RSD	.51671	.35010	.71310	1.5027	.36545

#1	4837.1	63591.	6270.2	83.567	4937.5
#2	4842.8	63417.	6245.1	86.050	4946.1
#3	4883.1	63860.	6332.2	85.325	4972.2

Sample Name: K2194-12 Acquired: 4/30/2019 18:02:03 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00106	.01343	.00078	-.00015	.25814	.16843	.00009
Stddev	.00094	.00049	.00033	.00266	.00066	.00765	.00028	.00003
%RSD	45.177	46.283	2.4625	341.42	448.04	2.9631	.16495	33.523

#1	-.00288	-.00162	.01307	.00323	-.00090	.25752	.16817	.00011
#2	-.00104	-.00091	.01352	-.00204	.00029	.25082	.16841	.00012
#3	-.00234	-.00067	.01371	.00115	.00017	.26608	.16872	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	16.396	.00054	.00227	.01149	.42686	.66644	1.1380
Stddev	.00002	.079	.00026	.00030	.00039	.00174	.00167	.0332
%RSD	14.149	.48327	49.078	13.186	3.4074	.40726	.25021	2.9179

#1	.00013	16.322	.00026	.00231	.01120	.42885	.66822	1.1456
#2	.00010	16.385	.00078	.00255	.01194	.42563	.66618	1.1016
#3	.00010	16.480	.00057	.00195	.01134	.42610	.66491	1.1667

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	.00047	303.38	.00053	.08447	.86468	-.00025	.01296
Stddev	.00021	.00027	1.78	.00025	.00007	.03086	.00020	.00404
%RSD	6.8075	57.170	.58608	47.120	.08669	3.5688	79.365	31.148

#1	.00280	.00033	303.12	.00082	.08446	.82965	-.00046	.01653
#2	.00320	.00079	301.75	.00036	.08455	.88784	-.00021	.01378
#3	.00310	.00030	305.28	.00041	.08440	.87656	-.00008	.00858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30134	.91736	.00022	.00810	.00130	.0251	.07271	4.2165
Stddev	.00384	.00222	.00027	.00082	.00061	.0017	.00034	.0453
%RSD	1.2730	.24161	122.76	10.182	46.489	6.907	.46201	1.0740

#1	.30419	.91502	.00031	.00721	.00062	.0257	.07234	4.2679
#2	.30285	.91943	-.00008	.00825	.00177	.0264	.07281	4.1990
#3	.29698	.91763	.00043	.00883	.00152	.0231	.07299	4.1825

Sample Name: K2194-12 Acquired: 4/30/2019 18:02:03 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.7573
Stddev 1.3191
%RSD 13.519

#1 11.263
#2 9.2058
#3 8.8034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4913.8	64341.	6361.9	84.958	5021.8
Stddev	22.1	499.	24.2	1.264	22.4
%RSD	.44876	.77612	.37981	1.4875	.44681

#1	4897.9	63900.	6350.1	83.517	5005.1
#2	4904.5	64883.	6389.7	85.875	5013.0
#3	4938.9	64240.	6345.9	85.483	5047.3

Sample Name: K2194-14 Acquired: 4/30/2019 18:06:36 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00233	.01749	.00331	-.00159	.08995	.11071	.00012
Stddev	.00062	.00028	.00072	.00166	.00096	.01084	.00072	.00005
%RSD	67.793	12.179	4.1084	50.177	60.575	12.048	.64995	41.405

#1	-.00100	-.00212	.01832	.00202	-.00242	.07833	.10988	.00016
#2	-.00026	-.00265	.01700	.00519	-.00053	.09172	.11117	.00013
#3	-.00150	-.00221	.01716	.00272	-.00181	.09979	.11108	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	24.156	.00044	.00330	.00841	.20000	.52210	1.7328
Stddev	.00005	.079	.00043	.00014	.00043	.00115	.00161	.0425
%RSD	31.016	.32524	98.210	4.3317	5.1488	.57507	.30850	2.4516

#1	.00010	24.068	.00047	.00314	.00791	.19868	.52027	1.6840
#2	.00014	24.218	.00086	.00337	.00868	.20075	.52273	1.7613
#3	.00019	24.182	-.00001	.00340	.00865	.20058	.52330	1.7532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	.00007	271.81	.00037	.11722	.97444	-.00035	.01032
Stddev	.00034	.00006	1.42	.00025	.00059	.02961	.00020	.00298
%RSD	10.772	81.847	.52233	66.671	.50741	3.0390	57.834	28.874

#1	.00297	.00014	271.41	.00014	.11681	.94729	-.00013	.00972
#2	.00353	.00002	270.64	.00034	.11696	.97001	-.00053	.00769
#3	.00293	.00006	273.39	.00063	.11790	1.0060	-.00038	.01356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55103	.84294	.00027	.00080	.00124	.0102	.11398	4.3933
Stddev	.00097	.00869	.00013	.00020	.00225	.0010	.00012	.3010
%RSD	.17620	1.0308	47.118	25.693	181.70	10.20	.10297	6.8518

#1	.54993	.85161	.00018	.00098	-.00112	.0110	.11396	4.0461
#2	.55176	.83423	.00021	.00083	.00336	.0105	.11388	4.5824
#3	.55141	.84299	.00041	.00058	.00147	.0090	.11411	4.5513

Sample Name: K2194-14 Acquired: 4/30/2019 18:06:36 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.669
 Stddev 1.090
 %RSD 8.6037

#1 11.682
 #2 12.487
 #3 13.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4886.1	64669.	6437.5	87.186	5002.2
Stddev	5.1	248.	55.7	1.133	11.3
%RSD	.10369	.38301	.86513	1.2996	.22582

#1	4881.3	64385.	6373.3	85.983	5009.7
#2	4885.4	64784.	6465.7	87.342	5007.6
#3	4891.4	64839.	6473.4	88.233	4989.2

Sample Name: K2194-16 Acquired: 4/30/2019 18:11:08 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00200	.01354	.00480	-.00140	.11252	.12872	.00018
Stddev	.00202	.00091	.00075	.00191	.00176	.01161	.00017	.00005
%RSD	165.79	45.789	5.5627	39.838	125.76	10.321	.13051	27.448

#1	-.00353	-.00095	.01321	.00566	-.00211	.09962	.12892	.00017
#2	-.00034	-.00242	.01301	.00261	.00061	.11580	.12862	.00023
#3	.00021	-.00262	.01440	.00613	-.00269	.12214	.12863	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	28.873	.00009	.00425	.00474	.41549	.73884	1.4934
Stddev	.00003	.154	.00030	.00015	.00010	.00093	.00254	.0466
%RSD	19.663	.53393	332.91	3.4368	2.0797	.22445	.34360	3.1168

#1	.00016	28.949	-.00024	.00408	.00473	.41612	.73684	1.4553
#2	.00011	28.974	.00017	.00434	.00464	.41442	.73797	1.4797
#3	.00015	28.696	.00035	.00432	.00484	.41594	.74169	1.5453

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00013	262.04	.00032	.22202	1.0683	-.00019	.01419
Stddev	.00012	.00006	3.20	.00022	.00159	.0296	.00005	.00119
%RSD	3.8216	49.039	1.2219	67.919	.71786	2.7684	27.961	8.4002

#1	.00299	-.00011	259.27	.00057	.22054	1.0729	-.00018	.01285
#2	.00319	-.00007	261.30	.00020	.22180	1.0953	-.00024	.01514
#3	.00321	-.00019	265.55	.00019	.22371	1.0367	-.00014	.01459

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48987	.90505	.00046	.00281	.00168	.0080	.14753	4.7248
Stddev	.00651	.01200	.00009	.00082	.00043	.0002	.00086	.2129
%RSD	1.3296	1.3259	19.356	29.199	25.420	2.344	.58548	4.5059

#1	.48235	.91806	.00039	.00199	.00119	.0079	.14807	4.5167
#2	.49356	.89441	.00056	.00280	.00192	.0082	.14798	4.9422
#3	.49369	.90268	.00043	.00363	.00194	.0079	.14653	4.7156

Sample Name: K2194-16 Acquired: 4/30/2019 18:11:08 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.654
 Stddev .983
 %RSD 7.1974

#1 12.826
 #2 13.398
 #3 14.740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4912.1	65709.	6509.0	88.319	5020.9
Stddev	15.5	155.	60.8	.298	17.5
%RSD	.31497	.23621	.93390	.33775	.34900

#1	4929.9	65696.	6447.6	87.992	5041.1
#2	4901.4	65870.	6510.2	88.392	5012.4
#3	4905.1	65560.	6569.1	88.575	5009.3

Sample Name: K2194-18 Acquired: 4/30/2019 18:15:40 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00174	.01610	.00076	-.00085	.16376	.16412	.00013
Stddev	.00289	.00073	.00106	.00238	.00047	.01362	.00124	.00006
%RSD	307.86	41.956	6.5565	314.40	54.758	8.3155	.75443	43.645

#1	-.00422	-.00225	.01504	-.00123	-.00123	.17629	.16435	.00008
#2	.00014	-.00090	.01715	.00339	-.00033	.16573	.16279	.00012
#3	.00126	-.00207	.01610	.00010	-.00098	.14927	.16523	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	30.288	.00039	.00580	.00493	.50210	.77243	2.1197
Stddev	.00004	.081	.00025	.00013	.00020	.00135	.00171	.0583
%RSD	41.694	.26870	63.540	2.2572	4.1450	.26854	.22110	2.7484

#1	.00014	30.202	.00042	.00566	.00472	.50364	.77417	2.0788
#2	.00006	30.363	.00062	.00583	.00494	.50149	.77236	2.0938
#3	.00009	30.300	.00013	.00592	.00513	.50116	.77076	2.1864

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00281	.00020	283.66	.00029	.22574	1.1126	-.00003	.01966
Stddev	.00035	.00022	2.50	.00011	.00081	.0300	.00009	.00414
%RSD	12.510	108.51	.88041	38.558	.35937	2.6978	290.09	21.065

#1	.00248	-.00001	281.29	.00041	.22601	1.1362	-.00011	.02420
#2	.00278	.00043	283.44	.00024	.22483	1.1229	.00007	.01609
#3	.00318	.00020	286.27	.00020	.22638	1.0788	-.00006	.01870

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56136	1.3576	.00001	.00300	.00107	.0075	.14675	4.9725
Stddev	.00505	.0128	.00085	.00111	.00043	.0015	.00008	.1359
%RSD	.89956	.94074	8291.6	37.123	40.333	20.28	.05481	2.7337

#1	.56527	1.3645	.00099	.00320	.00146	.0081	.14676	5.0966
#2	.55566	1.3653	-.00052	.00400	.00061	.0086	.14666	4.8272
#3	.56314	1.3428	-.00044	.00180	.00116	.0057	.14682	4.9935

Sample Name: K2194-18 Acquired: 4/30/2019 18:15:40 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-03-042919 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.776
 Stddev 1.219
 %RSD 11.315

#1 10.913
 #2 9.4940
 #3 11.921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4809.3	63196.	6306.3	85.686	4909.2
Stddev	31.5	199.	27.7	2.356	25.1
%RSD	.65491	.31541	.43856	2.7498	.51047

#1	4773.3	63025.	6280.2	83.275	4882.7
#2	4823.0	63415.	6303.5	85.800	4912.5
#3	4831.7	63148.	6335.3	87.983	4932.5

Sample Name: K2199-18 Acquired: 4/30/2019 18:20:12 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00143	.04331	.00171	-.00197	.17896	.11659	.00009
Stddev	.00105	.00049	.00017	.00062	.00136	.00689	.00040	.00004
%RSD	36.703	33.973	.40340	35.937	69.213	3.8515	.34371	45.985

#1	-.00180	-.00198	.04331	.00131	-.00220	.17292	.11622	.00008
#2	-.00391	-.00107	.04349	.00141	-.00050	.17748	.11702	.00005
#3	-.00289	-.00123	.04314	.00242	-.00320	.18647	.11652	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	39.928	.00071	.00416	.00846	.13956	.62894	2.6195
Stddev	.00008	.086	.00006	.00019	.00023	.00164	.00745	.0232
%RSD	14.281	.21415	8.3967	4.6663	2.7606	1.1740	1.1846	.88452

#1	.00045	39.956	.00077	.00438	.00866	.14129	.63542	2.6016
#2	.00058	39.832	.00072	.00409	.00852	.13936	.63060	2.6457
#3	.00058	39.996	.00065	.00401	.00820	.13803	.62080	2.6113

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00599	-.00007	287.79	.00020	.05663	.91657	-.00008	.01827
Stddev	.00014	.00039	1.26	.00010	.00009	.02161	.00008	.00268
%RSD	2.2986	545.08	.43913	48.174	.15417	2.3582	101.01	14.696

#1	.00583	.00034	287.86	.00017	.05671	.92509	-.00002	.02060
#2	.00604	-.00012	289.02	.00031	.05665	.93262	-.00016	.01886
#3	.00609	-.00043	286.50	.00012	.05654	.89199	-.00004	.01533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75005	1.8510	.00019	.00091	.00180	.0023	.17133	4.6780
Stddev	.00281	.0208	.00029	.00111	.00114	.0014	.00019	.1619
%RSD	.37398	1.1226	147.89	121.83	63.677	61.55	.11311	3.4600

#1	.74964	1.8749	-.00012	.00046	.00212	.0031	.17144	4.7293
#2	.75304	1.8373	.00043	.00010	.00053	.0007	.17110	4.8081
#3	.74748	1.8408	.00027	.00217	.00274	.0031	.17144	4.4968

Sample Name: K2199-18 Acquired: 4/30/2019 18:20:12 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.862
Stddev	.415
%RSD	3.5029

#1	11.482
#2	11.798
#3	12.305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4857.1	63179.	6373.0	85.157	4952.1
Stddev	19.8	733.	56.4	2.838	16.8
%RSD	.40813	1.1604	.88487	3.3330	.33895

#1	4836.9	62549.	6311.0	82.143	4933.5
#2	4857.9	63006.	6421.1	85.551	4957.0
#3	4876.5	63984.	6387.1	87.778	4966.0

Sample Name: K2199-20 Acquired: 4/30/2019 18:24:45 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00190	.00660	.00396	-.00118	.13413	.08619	.00014
Stddev	.00063	.00078	.00034	.00111	.00081	.00461	.00054	.00003
%RSD	29.276	40.934	5.1324	28.109	69.148	3.4378	.63104	20.022
#1	-.00158	-.00101	.00660	.00510	-.00189	.13929	.08558	.00015
#2	-.00284	-.00220	.00626	.00288	-.00134	.13041	.08641	.00011
#3	-.00207	-.00247	.00694	.00388	-.00029	.13269	.08660	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	31.852	.00072	.00354	.00331	.43537	.53060	1.9792
Stddev	.00002	.080	.00012	.00007	.00011	.00152	.00128	.0203
%RSD	34.528	.25054	16.122	1.8483	3.2021	.34833	.24202	1.0239
#1	.00010	31.761	.00063	.00353	.00324	.43364	.52943	2.0006
#2	.00005	31.891	.00068	.00349	.00325	.43645	.53039	1.9765
#3	.00005	31.906	.00085	.00362	.00343	.43603	.53197	1.9603
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00017	286.28	.00018	.02170	.98977	-.00010	.01134
Stddev	.00023	.00022	1.58	.00021	.00019	.01232	.00028	.00441
%RSD	6.6187	134.99	.55214	117.78	.87710	1.2450	264.67	38.844
#1	.00326	.00007	284.82	-.00006	.02148	.99817	.00020	.00629
#2	.00371	-.00038	287.96	.00025	.02181	.97562	-.00018	.01439
#3	.00361	-.00019	286.05	.00035	.02181	.99551	-.00034	.01335
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25708	.68456	.00052	.00141	.00088	.0001	.07167	3.9019
Stddev	.00049	.00432	.00045	.00060	.00155	.0020	.00010	.1330
%RSD	.19076	.63162	87.659	42.559	176.85	1404.	.13388	3.4073
#1	.25742	.68441	.00104	.00175	-.00019	.0023	.07174	4.0182
#2	.25652	.68895	.00020	.00072	.00016	-.0017	.07170	3.7570
#3	.25730	.68031	.00031	.00176	.00265	-.0001	.07156	3.9306

Sample Name: K2199-20 Acquired: 4/30/2019 18:24:45 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-042919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.472
Stddev	.894
%RSD	7.1656

#1	11.829
#2	12.095
#3	13.493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4910.1	64747.	6418.8	86.633	4986.1
Stddev	18.6	39.	31.4	2.175	19.0
%RSD	.37827	.05959	.48985	2.5108	.38203

#1	4929.3	64785.	6394.6	87.417	5007.3
#2	4892.3	64708.	6407.3	84.175	4970.4
#3	4908.6	64746.	6454.3	88.308	4980.5

Sample Name: CCV07 Acquired: 4/30/2019 18:29:18 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8170 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9309	4.9165	4.8635	4.9800	4.9004	9.4297	9.9011	.24749
Stddev	.0020	.0118	.0052	.0142	.0107	.0506	.0442	.00092
%RSD	.04086	.24034	.10690	.28509	.21910	.53699	.44686	.36991
#1	4.9325	4.9297	4.8631	4.9895	4.9006	9.3776	9.8627	.24670
#2	4.9316	4.9068	4.8689	4.9869	4.9111	9.4788	9.8912	.24728
#3	4.9286	4.9131	4.8586	4.9637	4.8896	9.4328	9.9495	.24849
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4117	24.757	.97451	2.4426	1.2191	4.8947	2.4900	24.366
Stddev	.0022	.034	.00110	.0011	.0010	.0037	.0020	.139
%RSD	.08951	.13764	.11238	.04534	.08221	.07462	.08012	.56910
#1	2.4135	24.733	.97573	2.4416	1.2203	4.8961	2.4916	24.329
#2	2.4124	24.796	.97419	2.4438	1.2189	4.8976	2.4905	24.250
#3	2.4093	24.743	.97361	2.4424	1.2183	4.8906	2.4878	24.520
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4124	1.2112	24.279	2.4430	2.4530	23.384	4.8969	4.6500
Stddev	.0027	.0034	.111	.0065	.0054	.058	.0059	.0158
%RSD	.11170	.28027	.45642	.26568	.21952	.24800	.12090	.33936
#1	2.4151	1.2111	24.192	2.4444	2.4573	23.323	4.9005	4.6369
#2	2.4124	1.2146	24.241	2.4486	2.4548	23.438	4.9001	4.6675
#3	2.4097	1.2078	24.404	2.4359	2.4469	23.390	4.8900	4.6457
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9314	4.8453	4.9028	4.9059	4.6731	5.047	4.9830	F 4.1652
Stddev	.0079	.0278	.0032	.0020	.0187	.014	.0030	.0195
%RSD	.15943	.57428	.06617	.04016	.39900	.2815	.06051	.46724
#1	4.9384	4.8600	4.9027	4.9059	4.6674	5.061	4.9844	4.1457
#2	4.9229	4.8627	4.8997	4.9078	4.6940	5.033	4.9851	4.1654
#3	4.9330	4.8132	4.9061	4.9039	4.6580	5.047	4.9796	4.1846

Sample Name: CCV07 Acquired: 4/30/2019 18:29:18 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8170 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1419
Stddev .7340
%RSD 17.720

#1 3.7623
#2 3.6754
#3 4.9879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4952.3	64946.	6132.9	82.806	4994.3
Stddev	10.1	89.	28.6	.577	7.2
%RSD	.20452	.13721	.46571	.69694	.14379

#1	4947.9	64972.	6115.2	83.083	4988.7
#2	4945.0	64847.	6117.6	82.142	4991.7
#3	4963.8	65020.	6165.8	83.192	5002.4

Sample Name: CCB07 Acquired: 4/30/2019 18:33:16 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8170 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00055	.00095	.00230	-.00075	-.00849	.00116
Stddev	.00062	.00042	.00128	.00243	.00147	.00688	.00001
%RSD	174.30	75.682	134.36	105.45	196.38	81.033	.93487

#1	.00025	.00084	.00050	.00436	.00019	-.00876	.00115
#2	-.00098	.00075	.00240	.00291	.00000	-.00148	.00116
#3	-.00033	.00007	-.00004	-.00037	-.00245	-.01523	.00117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00008	.00532	.00016	-.00005	-.00002	.00098
Stddev	.00007	.00003	.00500	.00017	.00003	.00011	.00035
%RSD	306.18	37.885	94.006	110.48	66.684	598.46	35.862

#1	-.00008	-.00012	.00806	.00032	-.00008	-.00015	.00059
#2	.00005	-.00007	-.00045	-.00003	-.00002	.00003	.00127
#3	-.00003	-.00006	.00834	.00018	-.00003	.00006	.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00490	.00045	-.00011	.10801	.00008	-.00040
Stddev	.00005	.01711	.00039	.00026	.01270	.00023	.00008
%RSD	669.61	349.33	85.562	222.92	11.762	296.59	20.414

#1	-.00006	.00965	.00072	.00016	.09533	.00008	-.00043
#2	.00000	-.02375	.00063	-.00017	.12074	.00031	-.00047
#3	.00004	-.00059	.00001	-.00034	.10796	-.00015	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05063	.00024	.00956	F -.01028	-.00210	-.00017	-.00029
Stddev	.02539	.00018	.00613	.00324	.00056	.00054	.00049
%RSD	50.141	74.641	64.080	31.543	26.782	311.35	171.11

#1	-.07930	.00040	.00906	-.00673	-.00274	.00036	.00018
#2	-.04156	.00005	.01593	-.01309	-.00186	-.00073	-.00080
#3	-.03102	.00027	.00370	-.01102	-.00170	-.00016	-.00023

Sample Name: CCB07 Acquired: 4/30/2019 18:33:16 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8170 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00117	-0.0010	.00007	F 2.9513	F 2.1203
Stddev	.00208	.0018	.00003	.2148	1.8188
%RSD	178.75	176.4	52.001	7.2785	85.780

#1	-0.00356	-0.0002	.00008	3.1825	.05627
#2	.00023	.0003	.00009	2.7578	2.8165
#3	-0.00016	-0.0030	.00003	2.9137	3.4883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5049.5	68817.	6357.1	85.106	5639.6
Stddev	106.3	604.	25.0	1.528	116.0
%RSD	2.1042	.87719	.39347	1.7951	2.0573

#1	5172.2	68129.	6345.1	86.133	5770.9
#2	4989.7	69060.	6340.4	85.833	5597.0
#3	4986.7	69260.	6385.8	83.350	5550.8

Sample Name: K2608-01 Acquired: 4/30/2019 18:37:44 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-A-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00042	.00331	.00197	.00047	.04376	.15447	-.00004
Stddev	.00037	.00157	.00058	.00205	.00098	.01648	.00076	.00005
%RSD	23.425	376.55	17.468	103.91	209.91	37.657	.49412	106.31

#1	-.00128	.00060	.00393	.00351	-.00045	.02532	.15403	-.00007
#2	-.00149	.00037	.00321	-.00035	.00036	.05705	.15403	.00001
#3	-.00200	-.00222	.00278	.00276	.00150	.04891	.15536	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	1.0839	.00129	-.00026	.00078	.01918	.00585	.08825
Stddev	.00005	.0159	.00008	.00020	.00044	.00070	.00002	.01009
%RSD	35.711	1.4682	5.9546	77.361	56.213	3.6438	.33869	11.434

#1	-.00008	1.0878	.00124	-.00046	.00036	.01845	.00585	.08674
#2	-.00017	1.0664	.00125	-.00006	.00123	.01925	.00588	.07901
#3	-.00016	1.0975	.00138	-.00025	.00074	.01985	.00584	.09902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00010	266.21	-.00029	.13525	.22494	.00000	.04696
Stddev	.00034	.00022	1.76	.00013	.00076	.03186	.00013	.00487
%RSD	169.46	216.98	.66248	45.878	.56518	14.164	8914.1	10.366

#1	.00032	-.00015	267.38	-.00014	.13552	.25848	.00002	.05255
#2	-.00018	.00025	267.07	-.00038	.13584	.19508	-.00014	.04368
#3	.00047	.00020	264.19	-.00036	.13438	.22125	.00012	.04464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19634	.06998	.00077	.00124	.00065	-.0011	.00359	6.9141
Stddev	.00444	.00557	.00068	.00101	.00117	.0014	.00008	.1763
%RSD	2.2599	7.9625	88.710	80.890	179.48	124.6	2.1981	2.5503

#1	.20112	.06924	.00155	.00022	-.00036	.0005	.00359	6.7216
#2	.19235	.07589	.00049	.00128	.00193	-.0019	.00367	6.9531
#3	.19554	.06482	.00027	.00223	.00039	-.0020	.00351	7.0677

Sample Name: K2608-01 Acquired: 4/30/2019 18:37:44 Type: Unk
 Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-A-E Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.003
 Stddev 1.135
 %RSD 8.7250

#1 14.030
 #2 13.195
 #3 11.785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4397.3	56536.	5537.9	76.528	4509.5
Stddev	23.9	380.	81.7	.938	17.8
%RSD	.54446	.67211	1.4747	1.2261	.39470

#1	4374.4	56255.	5462.4	75.650	4493.5
#2	4395.3	56386.	5526.6	76.417	4506.3
#3	4422.2	56969.	5624.6	77.517	4528.6

Sample Name: CCV08 Acquired: 4/30/2019 18:42:19 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8059	4.8545	4.8234	4.8340	4.7451	9.2087	9.5156	.24967
Stddev	.0045	.0041	.0027	.0036	.0059	.0474	.0239	.00056
%RSD	.09283	.08384	.05596	.07490	.12427	.51479	.25158	.22377
#1	4.8009	4.8570	4.8204	4.8304	4.7385	9.2634	9.4926	.24960
#2	4.8095	4.8566	4.8242	4.8339	4.7499	9.1832	9.5404	.25026
#3	4.8073	4.8498	4.8256	4.8376	4.7468	9.1796	9.5138	.24915
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3864	24.562	.98139	2.4077	1.2048	4.9326	2.4959	24.238
Stddev	.0003	.069	.00177	.0008	.0024	.0027	.0017	.063
%RSD	.01130	.28098	.18062	.03145	.19483	.05488	.06666	.26031
#1	2.3866	24.484	.98318	2.4068	1.2030	4.9346	2.4959	24.215
#2	2.3865	24.587	.97963	2.4082	1.2038	4.9295	2.4976	24.310
#3	2.3861	24.615	.98138	2.4080	1.2074	4.9337	2.4942	24.190
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3759	1.2085	23.636	2.4334	2.4103	22.597	4.7996	4.5722
Stddev	.0026	.0015	.064	.0011	.0008	.106	.0040	.0102
%RSD	.11011	.12346	.27199	.04480	.03503	.46773	.08426	.22308
#1	2.3748	1.2090	23.578	2.4329	2.4094	22.719	4.7959	4.5699
#2	2.3739	1.2096	23.705	2.4346	2.4110	22.534	4.7990	4.5634
#3	2.3788	1.2068	23.625	2.4326	2.4107	22.538	4.8039	4.5834
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7499	4.9003	4.8443	4.8200	4.5581	4.904	4.8612	5.4026
Stddev	.0202	.0061	.0059	.0158	.0167	.005	.0157	.1059
%RSD	.42610	.12428	.12137	.32751	.36642	.1031	.32355	1.9596
#1	4.7563	4.8981	4.8377	4.8376	4.5771	4.903	4.8530	5.3222
#2	4.7661	4.9071	4.8462	4.8073	4.5519	4.910	4.8793	5.5226
#3	4.7272	4.8955	4.8489	4.8150	4.5454	4.900	4.8512	5.3630

Sample Name: CCV08 Acquired: 4/30/2019 18:42:19 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 7.4373
Stddev	1.0752
%RSD	14.457

#1	8.4752
#2	6.3283
#3	7.5086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4736.6	60206.	5613.8	76.700	4781.1
Stddev	11.8	162.	18.5	1.619	10.1
%RSD	.24976	.26942	.32871	2.1105	.21024

#1	4745.8	60057.	5603.1	76.414	4788.8
#2	4740.8	60183.	5603.3	78.443	4784.6
#3	4723.3	60379.	5635.1	75.243	4769.7

Sample Name: CCB08 Acquired: 4/30/2019 18:46:17 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00026	.00055	.00247	-.00031	.00793	.00095	.00004
Stddev	.00149	.00039	.00067	.00051	.00058	.01166	.00040	.00002
%RSD	682.06	147.60	121.79	20.595	183.95	147.02	41.815	44.459
#1	-.00182	.00024	.00025	.00305	.00025	-.00531	.00118	.00005
#2	.00113	-.00011	.00131	.00229	-.00029	.01245	.00049	.00002
#3	.00003	.00066	.00008	.00208	-.00090	.01666	.00119	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00139	.00021	-.00009	-.00006	.00189	.00007	.02649
Stddev	.00003	.01347	.00013	.00022	.00019	.00037	.00003	.00683
%RSD	28.873	966.65	64.894	253.91	309.98	19.353	45.799	25.798
#1	-.00008	-.00697	.00005	.00006	-.00013	.00194	.00008	.01926
#2	-.00009	-.00577	.00027	-.00034	.00015	.00150	.00009	.03284
#3	-.00013	.01693	.00030	.00002	-.00021	.00223	.00003	.02736
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00008	.05418	-.00020	-.00027	-.13338	.00026	.00732
Stddev	.00007	.00026	.00536	.00005	.00008	.02185	.00013	.00647
%RSD	27.149	319.16	9.8941	23.992	30.490	16.381	52.151	88.314
#1	-.00019	.00021	.05977	-.00024	-.00019	-.15469	.00020	.00308
#2	-.00024	-.00028	.05371	-.00021	-.00035	-.13444	.00016	.01477
#3	-.00032	-.00017	.04908	-.00015	-.00027	-.11102	.00041	.00412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00938	.00171	-.00089	.00054	.00024	-.0008	-.00011	F 3.6841
Stddev	.00113	.00143	.00029	.00067	.00168	.0008	.00006	.0455
%RSD	11.993	83.585	32.390	125.30	705.18	100.1	59.323	1.2351
#1	-.00919	.00100	-.00073	.00034	.00184	-.0007	-.00015	3.6424
#2	-.00836	.00077	-.00072	-.00002	-.00150	-.0000	-.00003	3.7326
#3	-.01059	.00336	-.00123	.00128	.00038	-.0016	-.00014	3.6772

Sample Name: CCB08 Acquired: 4/30/2019 18:46:17 Type: Unk
Method: P4-ICP2(v3081) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.9116
Stddev	1.0315
%RSD	21.001

#1	5.4113
#2	3.7254
#3	5.5982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4938.3	63443.	5682.8	78.592	5481.7
Stddev	4.6	210.	37.1	1.364	9.7
%RSD	.09305	.33117	.65280	1.7355	.17705

#1	4943.6	63202.	5694.2	79.383	5470.6
#2	4935.3	63540.	5712.9	79.375	5486.0
#3	4936.0	63587.	5641.4	77.017	5488.6