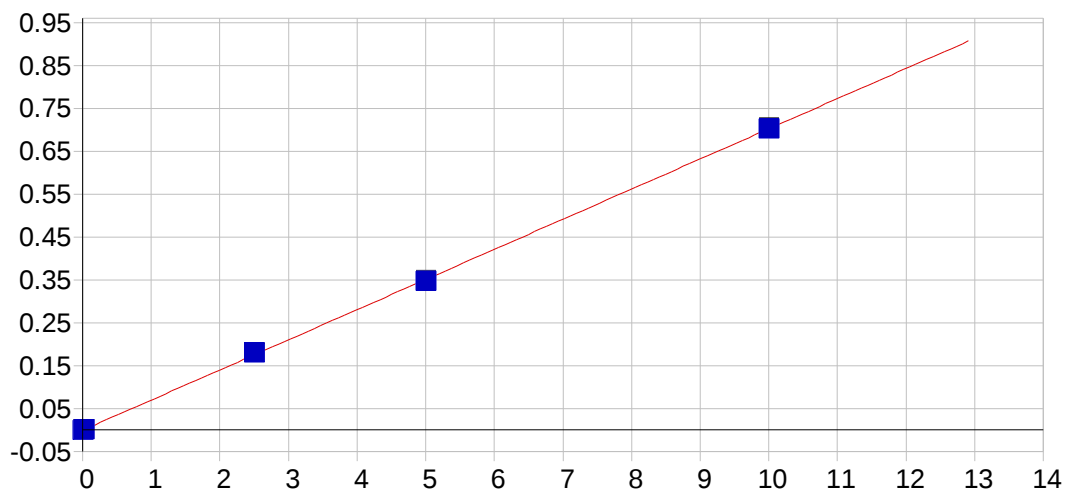




As 189.042 {478}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000334

Re-Slope: 1.000000

A1 (Gain): 0.070268

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999933

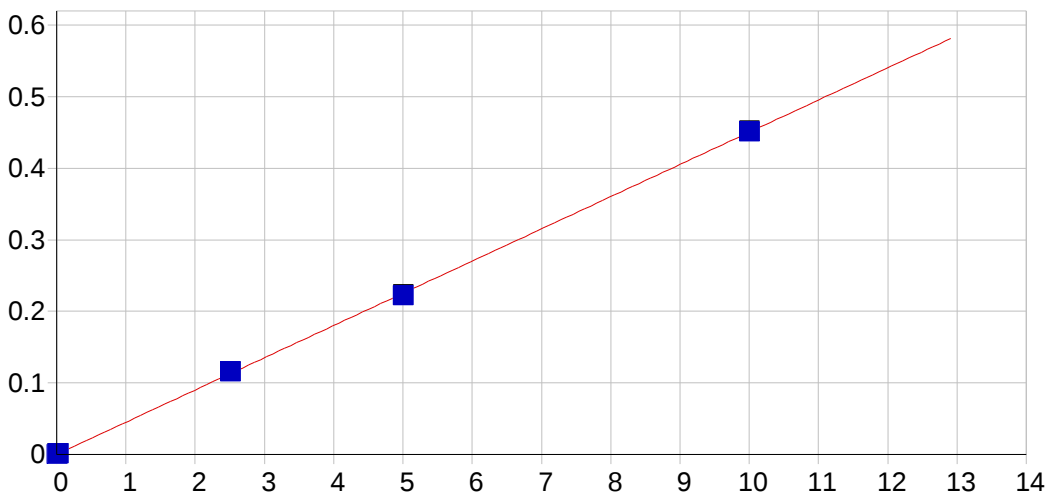
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.002248

Predicted MQL: 0.007493

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02000	.02150	.002	7.50	.00118	.000	1
S3	2.5000	2.5602	.060	2.41	.17956	.001	1
S4	5.0000	4.9368	-.063	-1.26	.34654	.001	1
S5	10.000	10.001	.001	.014	.70240	.001	1



As 189.042 {479}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

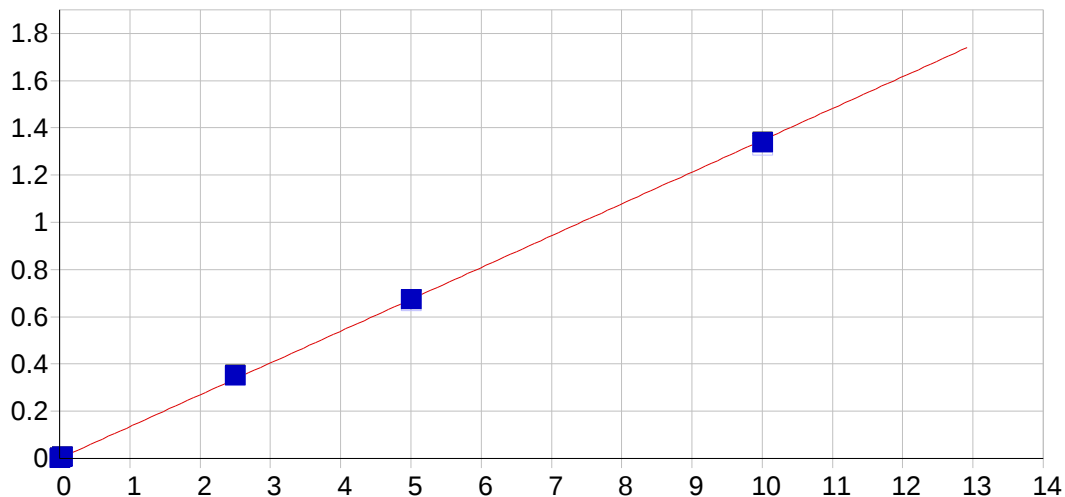
Weighting: 1/Conc

A0 (Offset): 0.000058

Re-Slope: 1.000000

A1 (Gain): 0.045044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002232
 Predicted MQL: 0.007441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02110	.001	5.49	.00101	.000	1
S3	2.5000	2.5544	.054	2.18	.11512	.001	1
S4	5.0000	4.9333	-.067	-1.33	.22227	.000	1
S5	10.000	10.011	.011	.112	.45101	.001	1

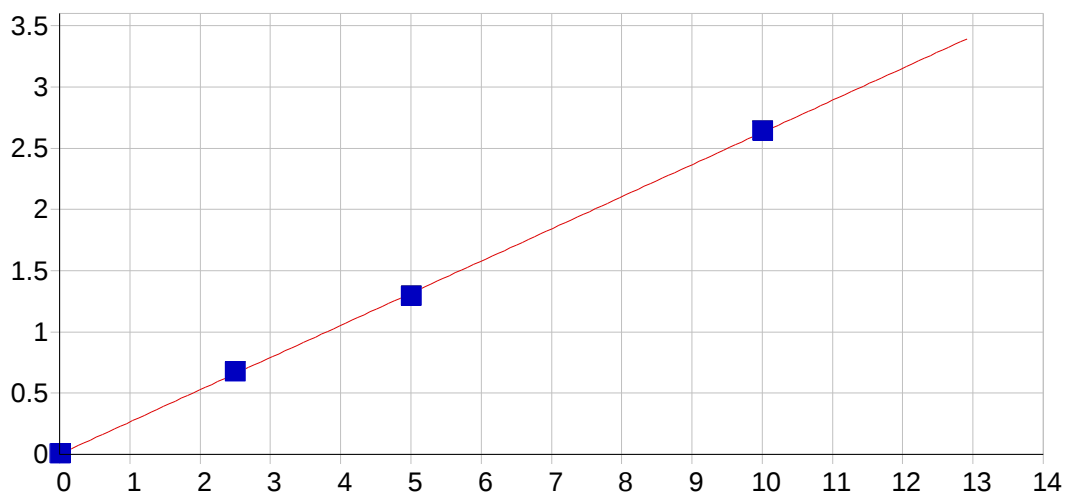


TI 190.856 {477}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.134720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000970
 Predicted MQL: 0.003234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00021	.000	1
S1	.04000	.04482	.005	12.0	.00611	.000	1
S3	2.5000	2.5955	.095	3.82	.34642	.003	1
S4	5.0000	4.9811	-.019	-.377	.66437	.002	1
S5	10.000	9.9187	-.081	-.813	1.3226	.002	1

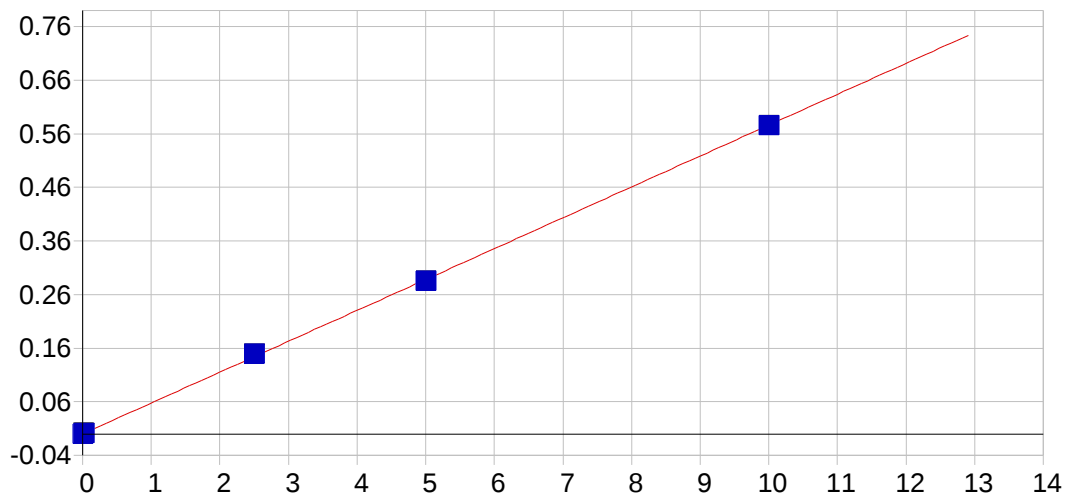


Pb 220.353 {453}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002789 Re-Slope: 1.000000
 A1 (Gain): 0.262526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000807
 Predicted MQL: 0.002688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00279	.000	1
S1	.01200	.01214	.000	1.13	.00591	.000	1
S3	2.5000	2.5494	.049	1.98	.67112	.001	1
S4	5.0000	4.9049	-.095	-1.90	1.2885	.002	1
S5	10.000	10.046	.046	.455	2.6362	.001	1



Se 196.090 {472}

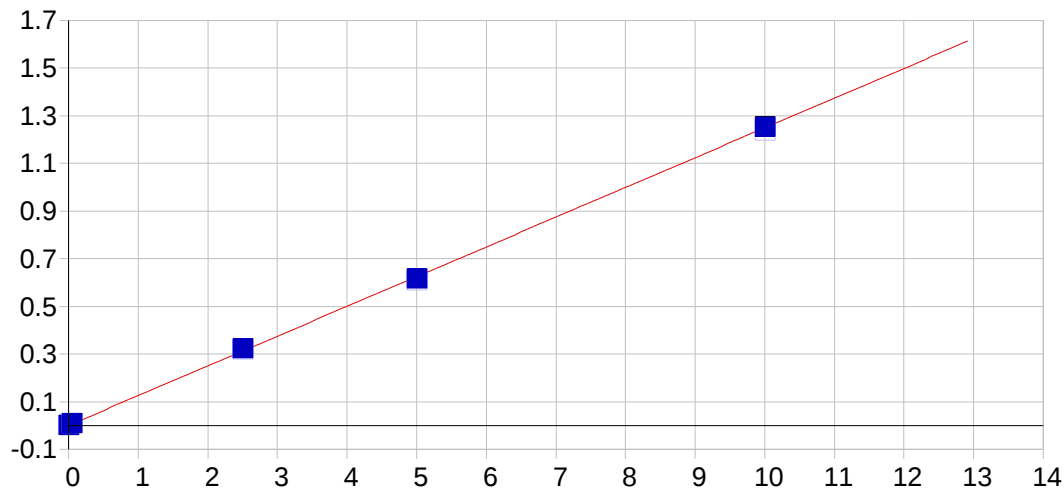
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.057612 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000018
 Predicted MDL: 0.002576
 Predicted MQL: 0.008586

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02025	.000	1.27	.00112	.000	1
S3	2.5000	2.5766	.077	3.06	.14836	.001	1
S4	5.0000	4.9438	-.056	-1.12	.28471	.001	1
S5	10.000	9.9793	-.021	-.207	.57475	.000	1



Sb 206.833 {463}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

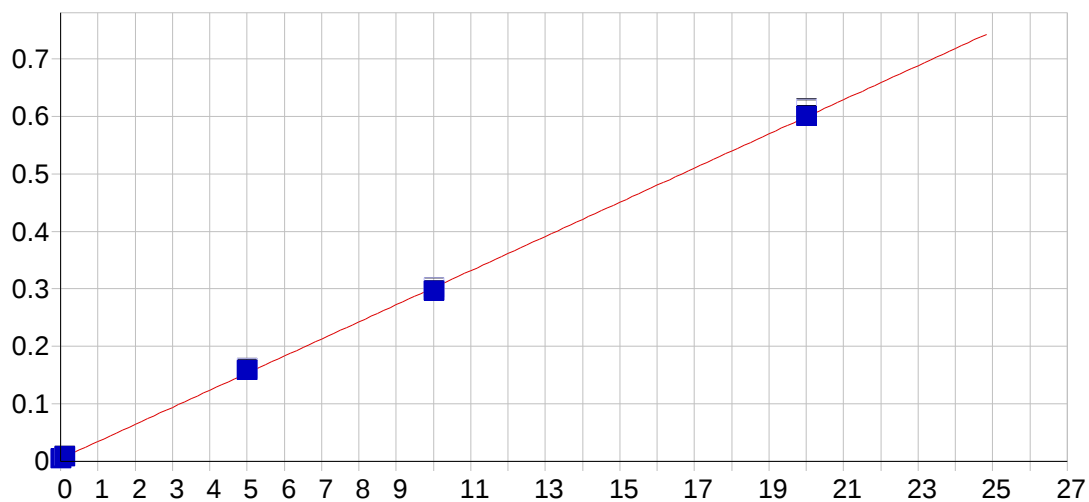
Weighting: 1/Conc

A0 (Offset): 0.000224
 A1 (Gain): 0.124911
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000069
 Predicted MDL: 0.001460
 Predicted MQL: 0.004868

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	.00022	.000	1
S1	.05000	.05484	.005	9.68	.00692	.000	1
S3	2.5000	2.5681	.068	2.72	.31749	.000	1
S4	5.0000	4.9182	-.082	-1.64	.60754	.000	1
S5	10.000	10.009	.009	.089	1.2364	.003	1

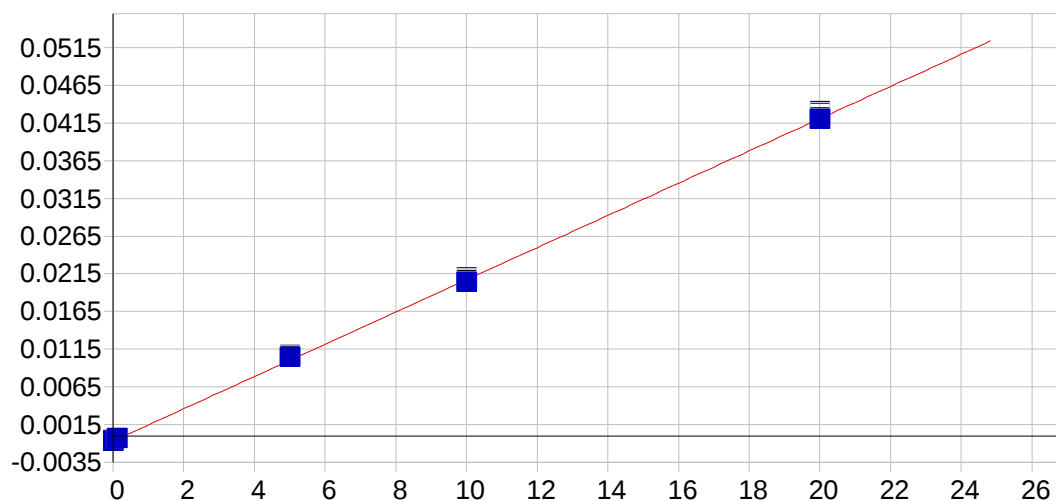


AI 308.215 {109}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004777 Re-Slope: 1.000000
 A1 (Gain): 0.029714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002820
 Predicted MQL: 0.009398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00478	.000	1
S1	.10000	.11536	.015	15.4	.00841	.000	1
S3	5.0000	5.1550	.155	3.10	.16091	.000	1
S4	10.000	9.7913	-.209	-2.09	.30163	.000	1
S5	20.000	20.038	.038	.188	.61200	.001	1



AI 309.271 {109}

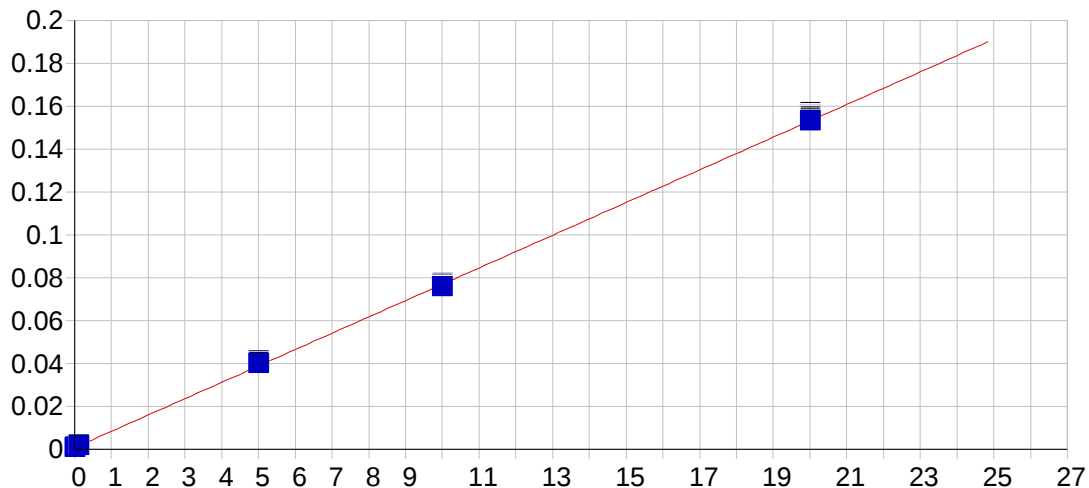
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000673 Re-Slope: 1.000000
 A1 (Gain): 0.002137 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712
 Std Error of Est: 0.000004
 Predicted MDL: 0.028054
 Predicted MQL: 0.093513

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00067	.000	1
S1	.10000	.13425	.034	34.3	-.00037	.000	1
S3	5.0000	5.1729	.173	3.46	.01060	.000	1
S4	10.000	9.8181	-.182	-1.82	.02074	.000	1
S5	20.000	19.973	-.027	-.135	.04287	.000	1



AI 396.152 { 85}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

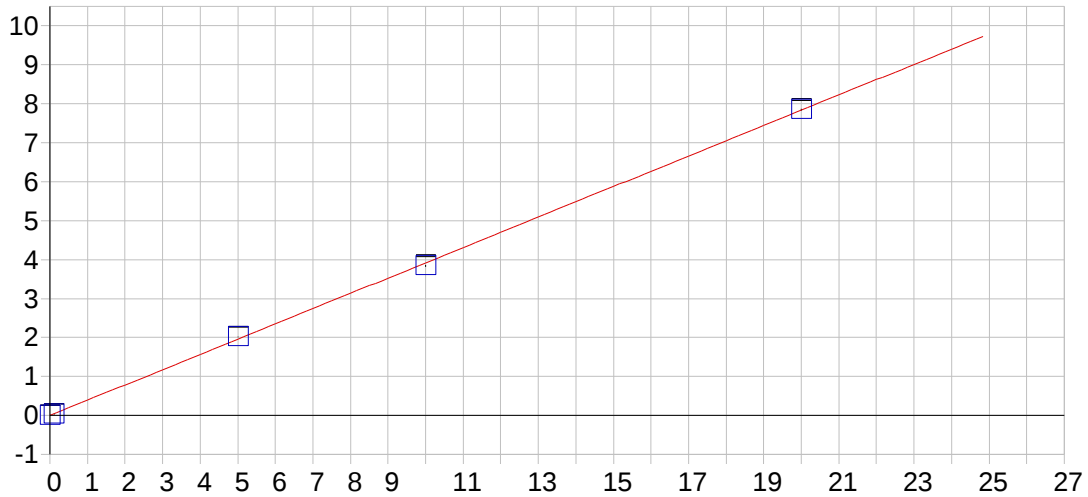
Weighting: 1/Conc

A0 (Offset): 0.000784
 A1 (Gain): 0.007620
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773
 Std Error of Est: 0.000013
 Predicted MDL: 0.012372
 Predicted MQL: 0.041241

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	.00078	.000	1
S1	.10000	.12886	.029	28.9	.00182	.000	1
S3	5.0000	5.1631	.163	3.26	.04088	.000	1
S4	10.000	9.8298	-.170	-1.70	.07720	.000	1
S5	20.000	19.977	-.023	-.116	.15604	.001	1

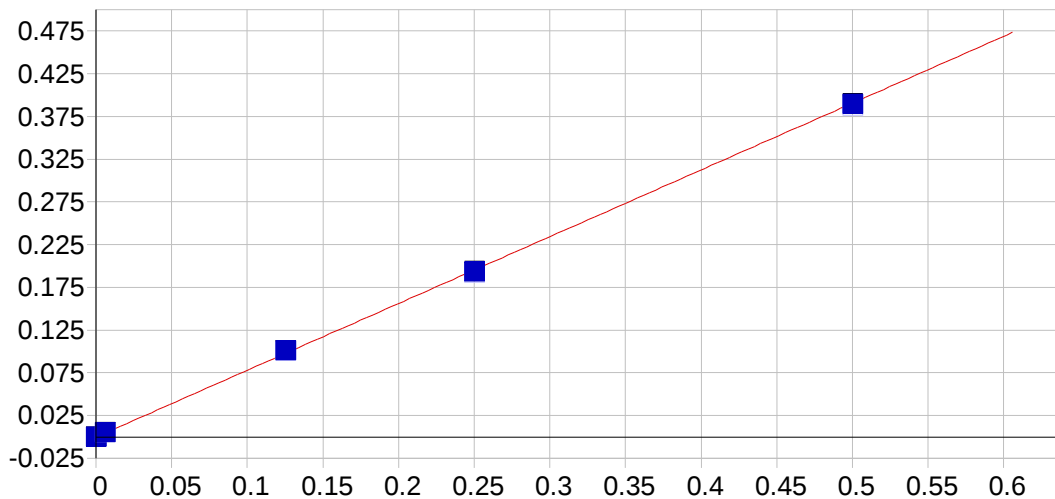


Ba 493.409 { 68}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001543 Re-Slope: 1.000000
 A1 (Gain): 0.391841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000484
 Predicted MDL: 0.000526
 Predicted MQL: 0.001753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00155	.000	1
S1	.10000	.10892	.009	8.92	.04114	.000	1
S3	5.0000	5.1485	.148	2.97	2.0158	.004	1
S5	20.000	20.040	.040	.200	7.8509	.021	1
S4	10.000	9.8027	-.197	-1.97	3.8396	.030	1



Be 234.861 {144}

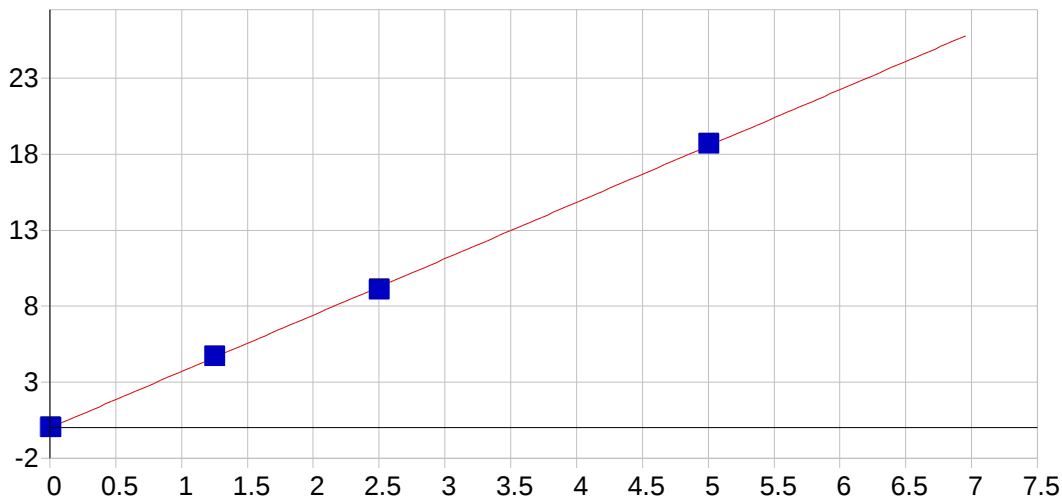
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.781453 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835
 Std Error of Est: 0.000042
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.00600	.00674	.001	12.4	.00514	.000	1
S3	.12500	.12931	.004	3.45	.10035	.000	1
S4	.25000	.24684	-.003	-1.26	.19158	.001	1
S5	.50000	.49811	-.002	-.378	.38671	.001	1



Cd 226.502 {449}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

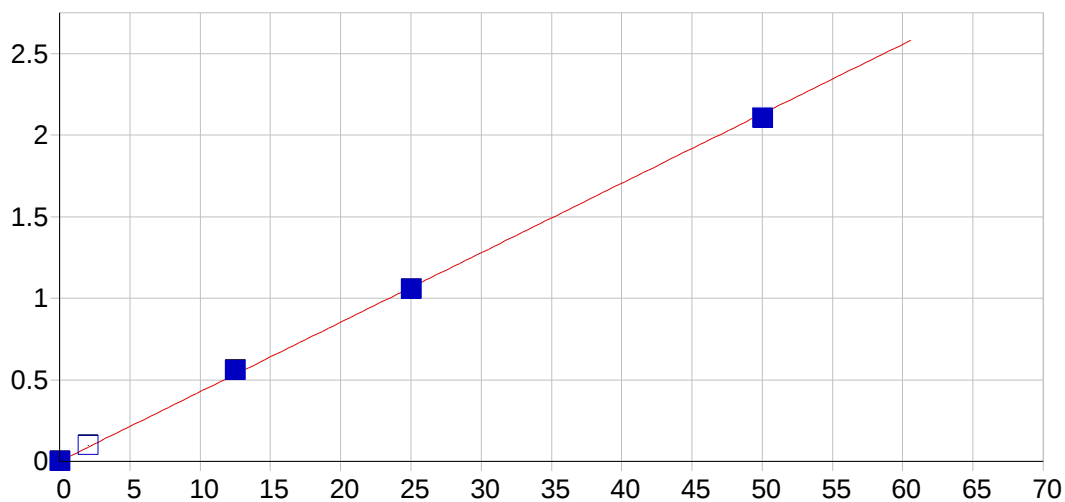
Weighting: 1/Conc

A0 (Offset): -0.000155
 A1 (Gain): 3.706872
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000431
 Predicted MDL: 0.000065
 Predicted MQL: 0.000216

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	-.00016	.000	1
S1	.00600	.00623	.000	3.89	.02299	.000	1
S3	1.2500	1.2639	.014	1.11	4.6861	.004	1
S4	2.5000	2.4512	-.049	-1.95	9.0884	.006	1
S5	5.0000	5.0346	.035	.692	18.667	.019	1

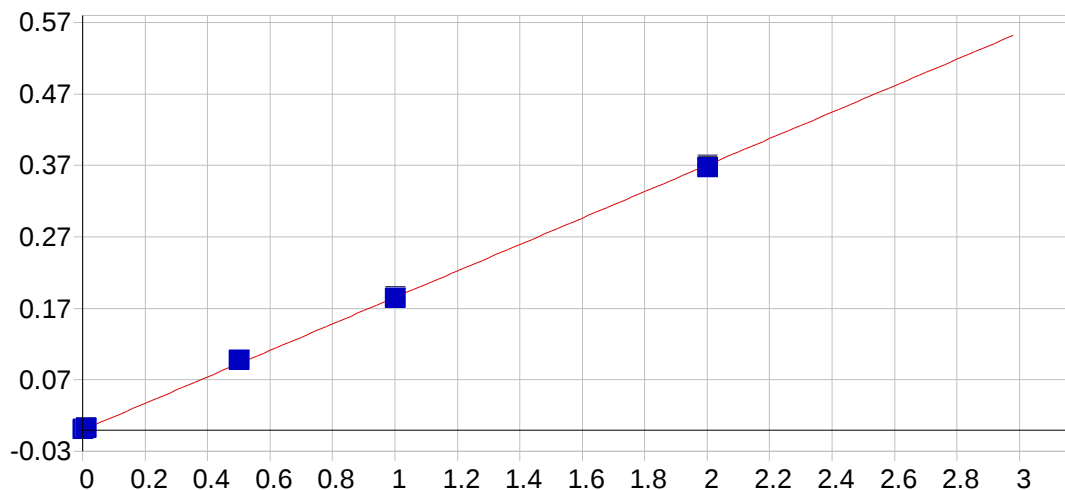


Ca 373.690 { 90}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000847 Re-Slope: 1.000000
 A1 (Gain): 0.042599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999534 Status: OK.
 Std Error of Est: 0.000711
 Predicted MDL: 0.015408
 Predicted MQL: 0.051361

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3118	.312	15.6	.09933	.000	1
S0	.00000	-.00036	-.000	.000	.00083	.000	1
S3	12.500	13.057	.557	4.45	.55733	.003	1
S4	25.000	24.752	-.248	-.991	1.0558	.001	1
S5	50.000	49.380	-.620	-1.24	2.1055	.002	1



Cr 267.716 {126}

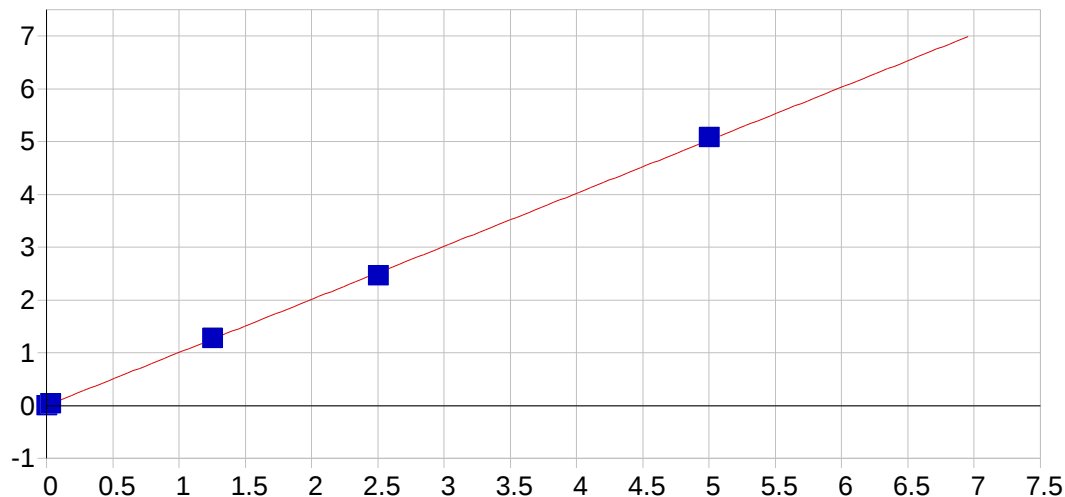
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.185248 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772
 Std Error of Est: 0.000030
 Predicted MDL: 0.000418
 Predicted MQL: 0.001393

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01131	.001	13.1	.00213	.000	1
S3	.50000	.52475	.025	4.95	.09796	.000	1
S4	1.0000	.99238	-.008	-.762	.18532	.000	1
S5	2.0000	1.9816	-.018	-.922	.37002	.001	1



Co 228.616 {447}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

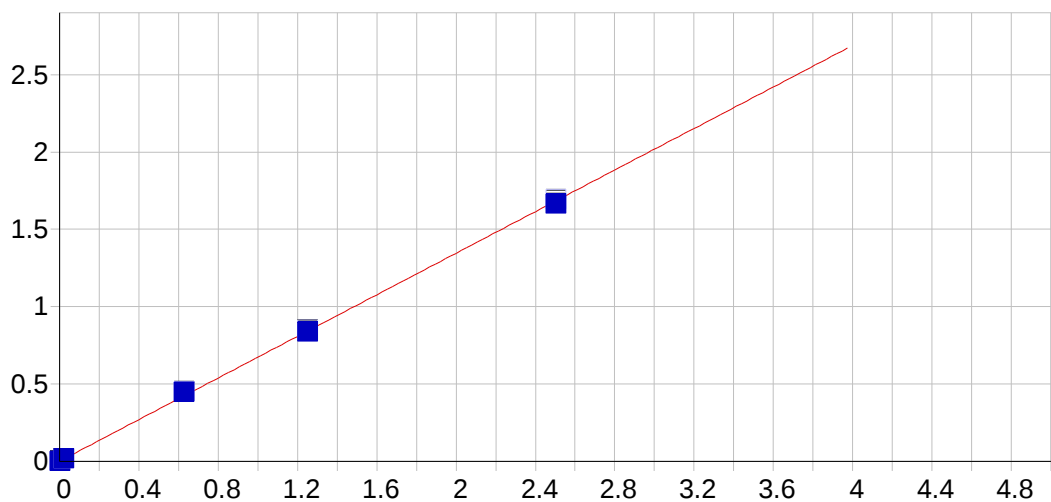
Weighting: 1/Conc

A0 (Offset): -0.000348
 A1 (Gain): 1.005294
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000313
 Predicted MDL: 0.000201
 Predicted MQL: 0.000672

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	-.00035	.000	1
S1	.03000	.03093	.001	3.11	.03054	.000	1
S3	1.2500	1.2642	.014	1.14	1.2715	.002	1
S4	2.5000	2.4415	-.059	-2.34	2.4560	.001	1
S5	5.0000	5.0434	.043	.868	5.0737	.003	1

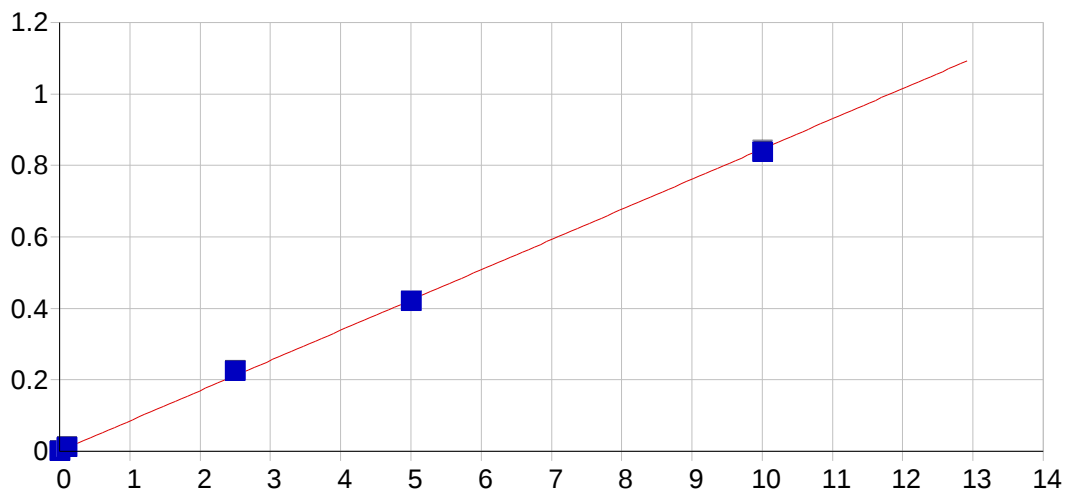


Cu 224.700 {450}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002063 Re-Slope: 1.000000
 A1 (Gain): 0.671819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999690 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.000379
 Predicted MQL: 0.001264

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00206	.000	1
S1	.02000	.02336	.003	16.8	.01796	.000	1
S3	.62500	.65920	.034	5.47	.45171	.000	1
S4	1.2500	1.2381	-.012	-.950	.84743	.000	1
S5	2.5000	2.4743	-.026	-1.03	1.6915	.002	1



Fe 240.488 {140}

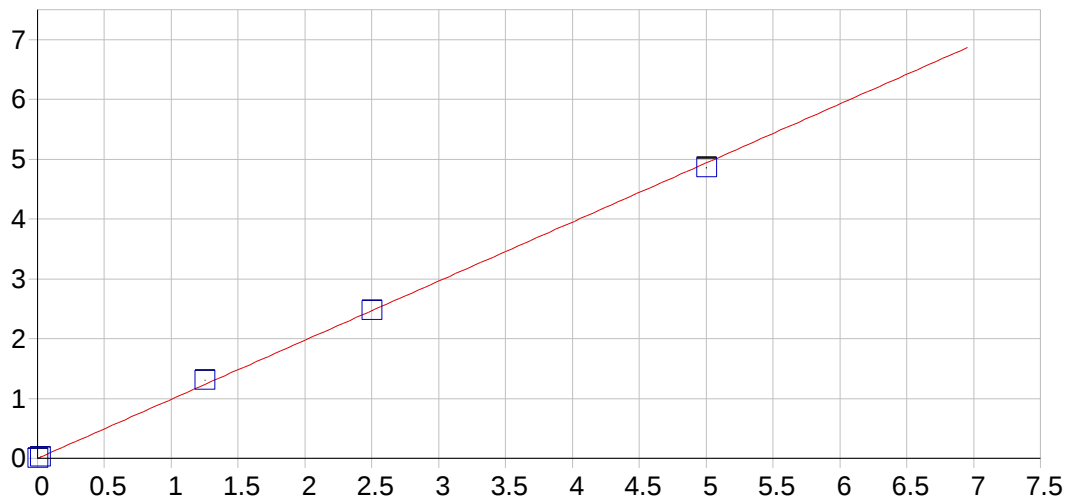
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000685 Re-Slope: 1.000000
 A1 (Gain): 0.084524 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685
 Std Error of Est: 0.000115
 Predicted MDL: 0.000722
 Predicted MQL: 0.002407

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00068	.000	1
S1	.10000	.11342	.013	13.4	.01031	.000	1
S3	2.5000	2.6396	.140	5.58	.22458	.001	1
S4	5.0000	4.9521	-.048	-.957	.42084	.001	1
S5	10.000	9.8949	-.105	-1.05	.84019	.001	1



Mn 257.610 {131}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

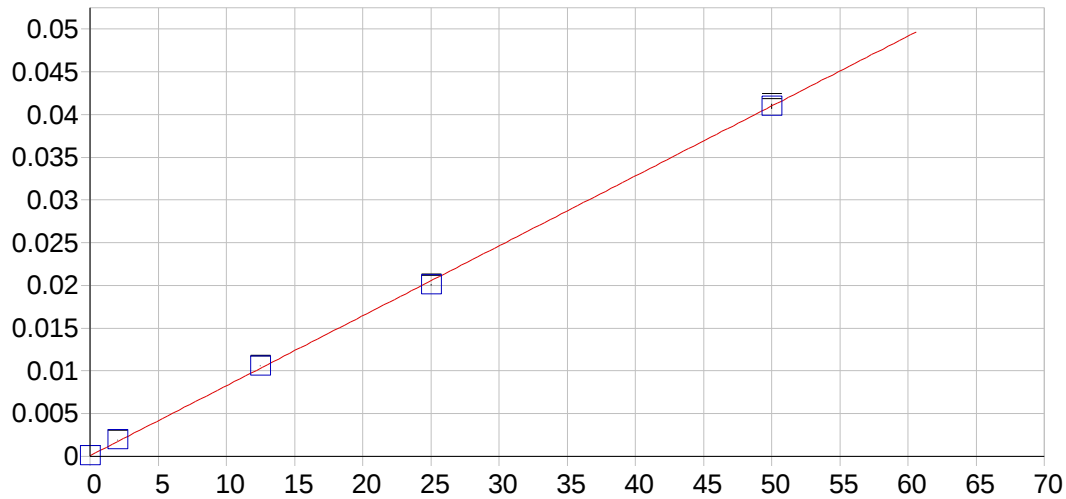
Weighting: 1/Conc

A0 (Offset): 0.000075
 A1 (Gain): 0.987492
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999631
 Std Error of Est: 0.000459
 Predicted MDL: 0.000066
 Predicted MQL: 0.000220

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	.00007	.000	1
S1	.02000	.02361	.004	18.0	.02338	.000	1
S3	1.2500	1.3251	.075	6.01	1.3086	.001	1
S4	2.5000	2.5025	.003	.100	2.4713	.001	1
S5	5.0000	4.9188	-.081	-1.62	4.8573	.007	1

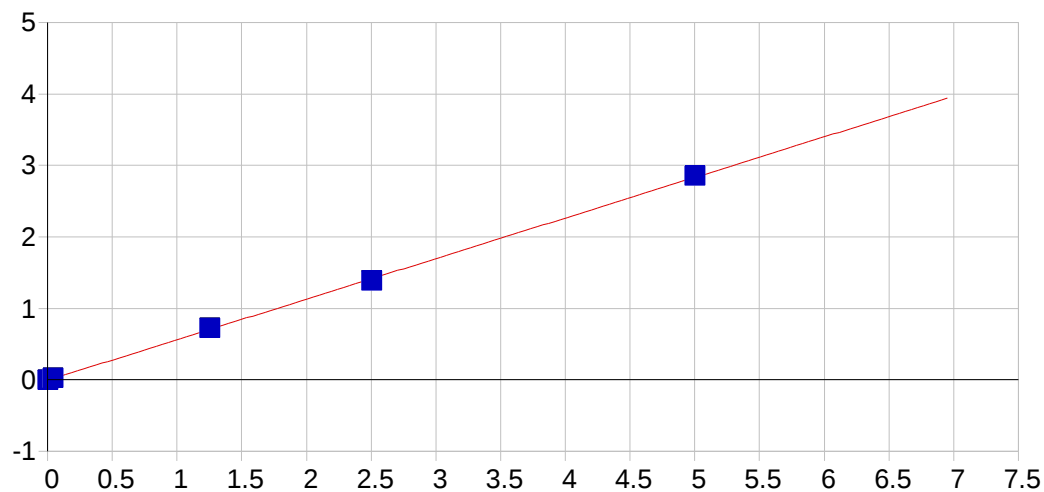


Mg 279.079 {121}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.000818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.037475
 Predicted MQL: 0.124918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2428	.243	12.1	.00192	.000	1
S0	.00000	-.00025	-.000	.000	.00008	.000	1
S3	12.500	12.833	.333	2.66	.01058	.000	1
S4	25.000	24.426	-.574	-2.30	.02007	.000	1
S5	50.000	49.998	-.002	-.004	.04099	.000	1



Ni 231.604 {445}

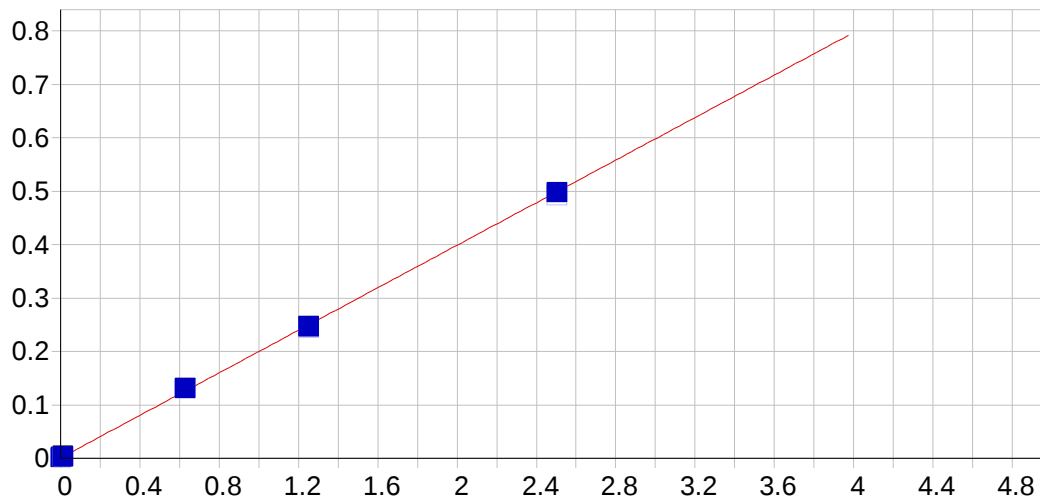
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006772 Re-Slope: 1.000000
 A1 (Gain): 0.567727 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000206
 Predicted MDL: 0.000382
 Predicted MQL: 0.001273

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00677	.000	1
S1	.04000	.04255	.003	6.38	.01740	.000	1
S3	1.2500	1.2736	.024	1.89	.71707	.001	1
S4	2.5000	2.4453	-.055	-2.19	1.3830	.001	1
S5	5.0000	5.0286	.029	.571	2.8512	.002	1



Ag 328.068 {103}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

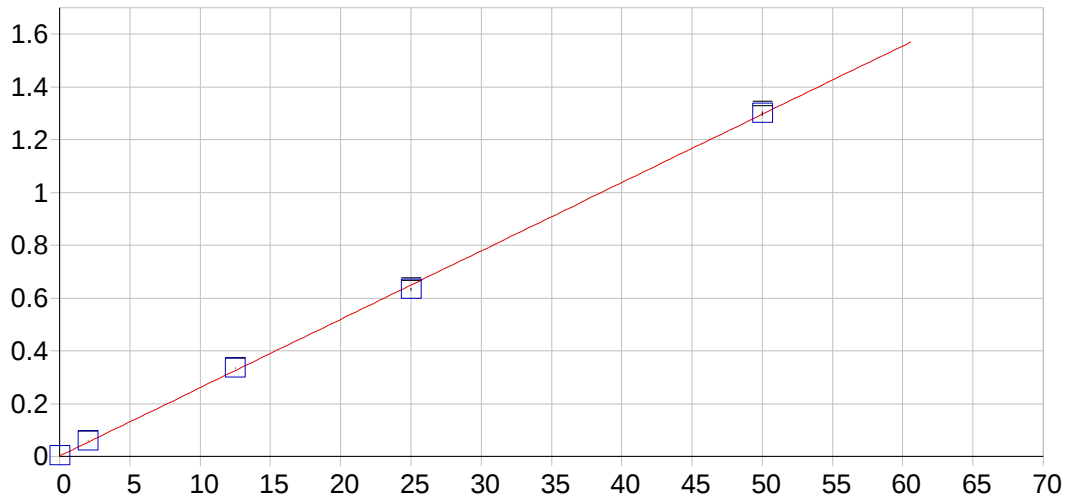
Weighting: 1/Conc

A0 (Offset): 0.000760
 A1 (Gain): 0.199127
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000031
 Predicted MDL: 0.000575
 Predicted MQL: 0.001917

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	.00076	.000	1
S1	.01000	.01100	.001	9.99	.00291	.000	1
S3	.62500	.65093	.026	4.15	.12897	.000	1
S4	1.2500	1.2315	-.018	-1.48	.24317	.000	1
S5	2.5000	2.4915	-.008	-.338	.49125	.000	1

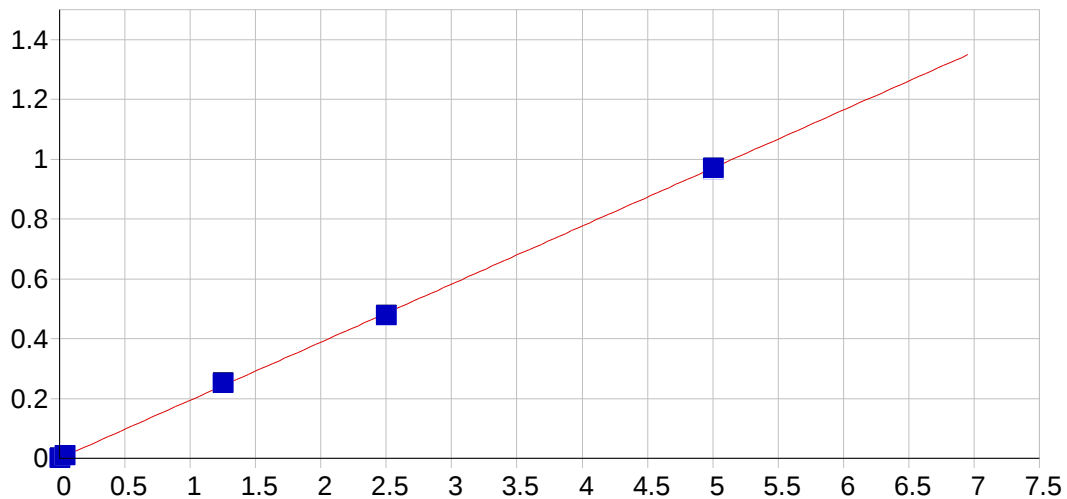


Na 589.592 { 57}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001383 Re-Slope: 1.000000
 A1 (Gain): 0.025903 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744 Status: OK.
 Std Error of Est: 0.000320
 Predicted MDL: 0.009383
 Predicted MQL: 0.031276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1995	.200	9.98	.05836	.001	1
S0	.00000	-.00021	-.000	.000	.00138	.000	1
S3	12.500	12.832	.332	2.65	.33376	.000	1
S4	25.000	24.351	-.649	-2.59	.63215	.004	1
S5	50.000	50.117	.117	.235	1.2996	.008	1



V 292.402 {115}

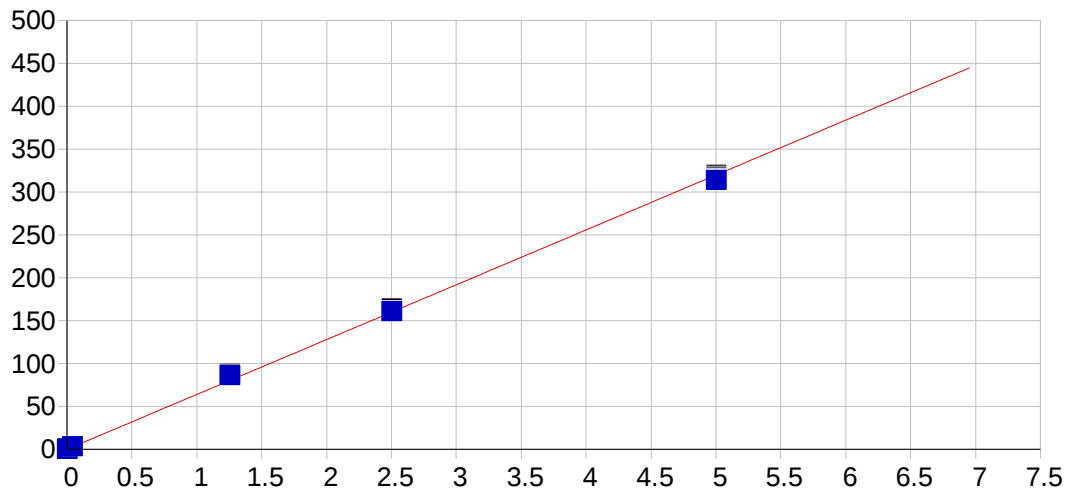
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000225 Re-Slope: 1.000000
 A1 (Gain): 0.194053 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000079
 Predicted MDL: 0.000453
 Predicted MQL: 0.001510

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.04000	.04331	.003	8.27	.00851	.000	1
S3	1.2500	1.2943	.044	3.54	.24980	.000	1
S4	2.5000	2.4596	-.040	-1.62	.47435	.001	1
S5	5.0000	4.9928	-.007	-.143	.96276	.001	1



Zn 206.200 {163}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

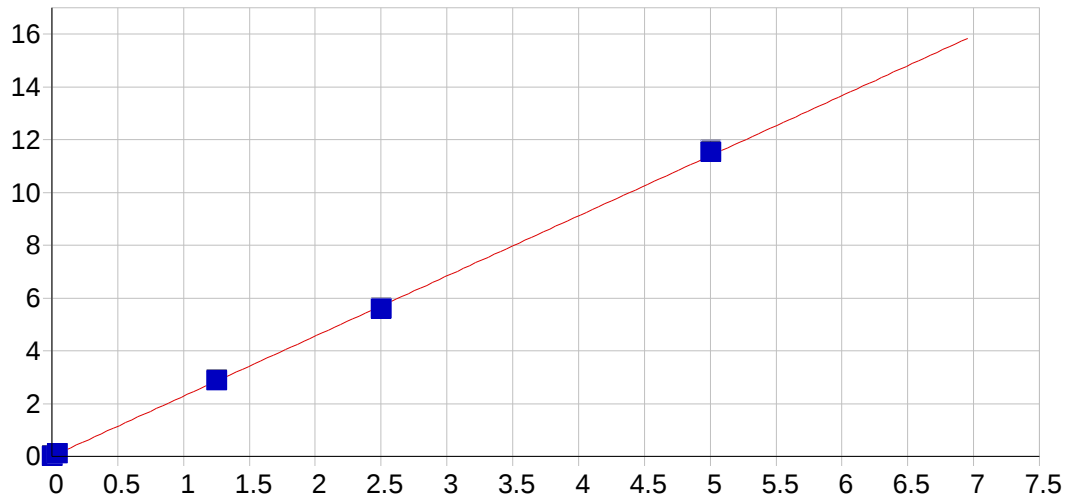
Weighting: 1/Conc

A0 (Offset): 0.104664
 A1 (Gain): 63.988535
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999473
 Std Error of Est: 0.050597
 Predicted MDL: 0.000327
 Predicted MQL: 0.001091

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	.10416	.007	1
S1	.04000	.04564	.006	14.1	3.0419	.052	1
S3	1.2500	1.3414	.091	7.31	86.421	.783	1
S4	2.5000	2.5008	.001	.030	161.09	2.19	1
S5	5.0000	4.9022	-.098	-1.96	315.73	3.53	1

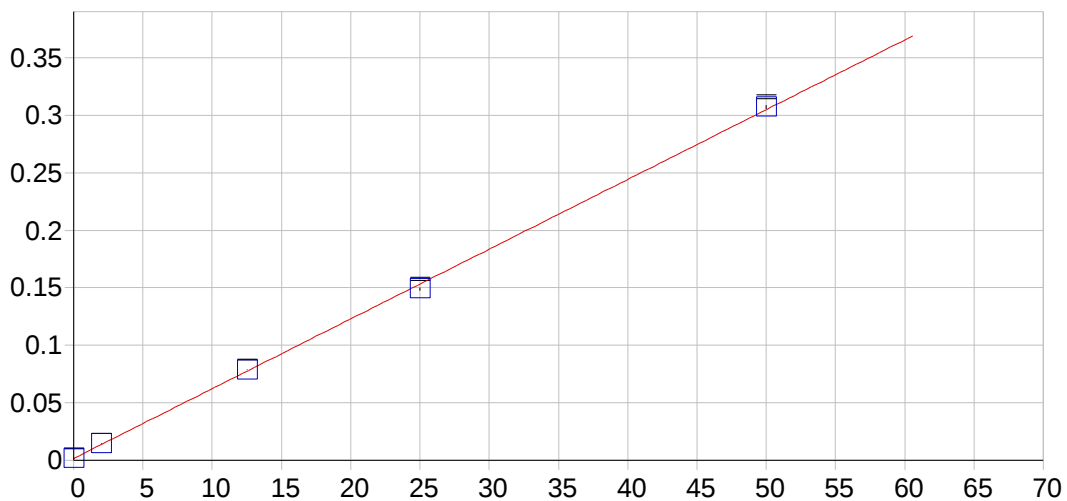


Zn 213.856 {458}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.00373 Re-Slope: 1.000000
 A1 (Gain): 2.277463 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000812
 Predicted MDL: 0.000077
 Predicted MQL: 0.000256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00373	.000	1
S1	.04000	.04092	.001	2.30	.09756	.000	1
S3	1.2500	1.2553	.005	.427	2.8809	.005	1
S4	2.5000	2.4423	-.058	-2.31	5.6023	.009	1
S5	5.0000	5.0515	.051	1.03	11.581	.008	1



K 766.490 {44}

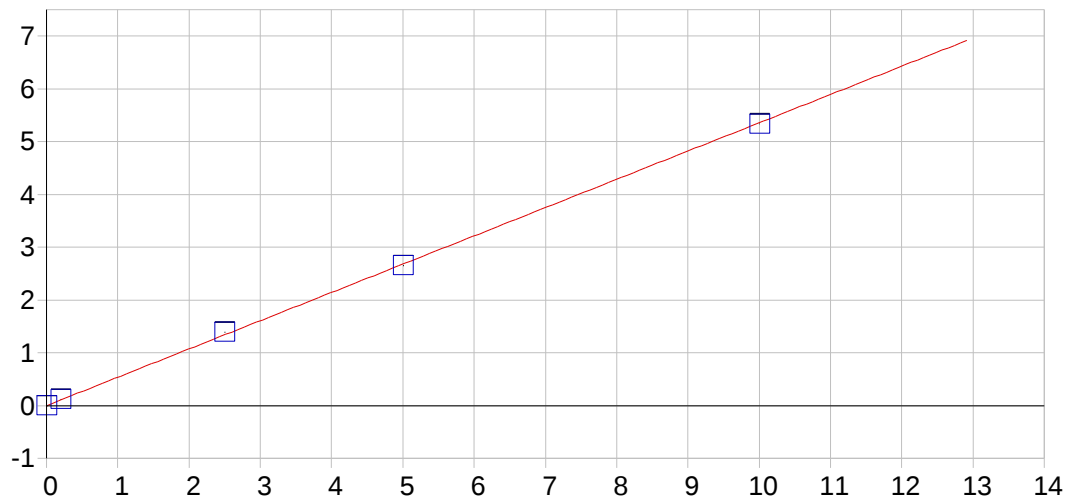
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001623 Re-Slope: 1.000000
 A1 (Gain): 0.006064 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809
 Std Error of Est: 0.000065
 Predicted MDL: 0.037834
 Predicted MQL: 0.126112

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1322	.132	6.61	.01455	.000	1
S0	.00000	-.00012	-.000	.000	.00162	.000	1
S3	12.500	12.700	.200	1.60	.07863	.000	1
S4	25.000	24.300	-.700	-2.80	.14898	.001	1
S5	50.000	50.368	.368	.736	.30705	.002	1



Mo 202.030 {467}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

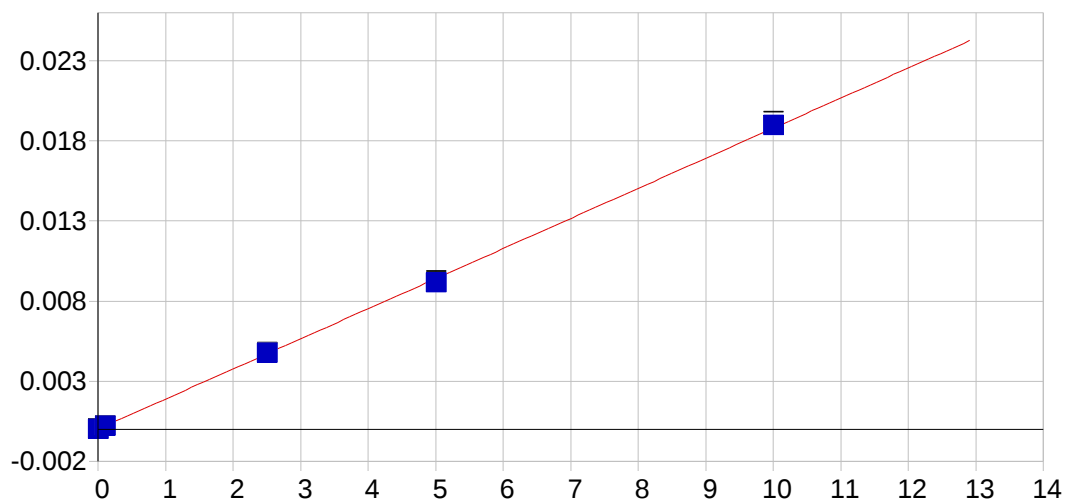
Weighting: 1/Conc

A0 (Offset): 0.000019
 A1 (Gain): 0.535699
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813
 Std Error of Est: 0.000795
 Predicted MDL: 0.000271
 Predicted MQL: 0.000904

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	.00001	.000	1
S1	.20000	.22311	.023	11.6	.11954	.000	1
S3	2.5000	2.5861	.086	3.44	1.3854	.001	1
S4	5.0000	4.9391	-.061	-1.22	2.6459	.001	1
S5	10.000	9.9517	-.048	-.483	5.3311	.006	1

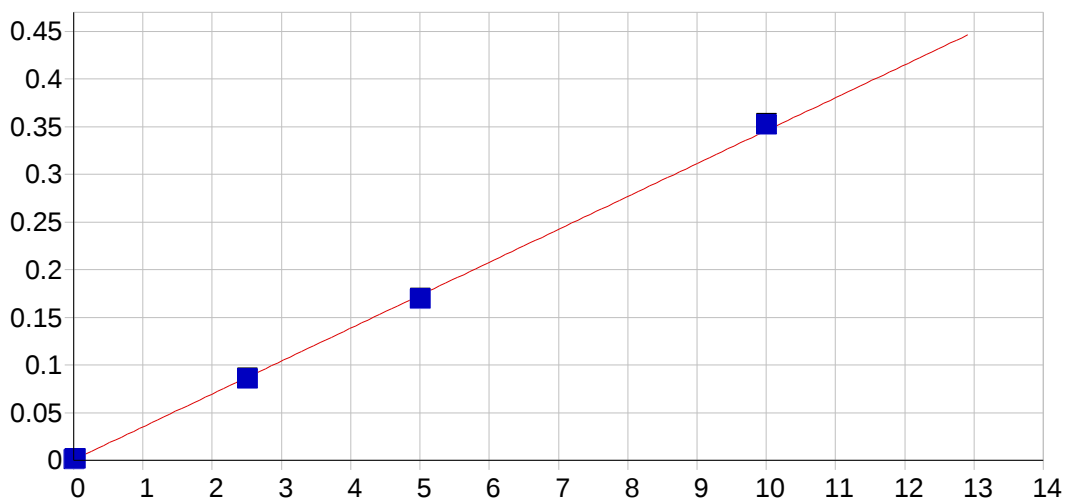


B 249.678 {135}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.001878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.012464
 Predicted MQL: 0.041546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09966	-.000	-.344	.00020	.000	1
S3	2.5000	2.5335	.033	1.34	.00476	.000	1
S4	5.0000	4.8700	-.130	-2.60	.00914	.000	1
S5	10.000	10.097	.097	.969	.01893	.000	1



S 182.034 {485}

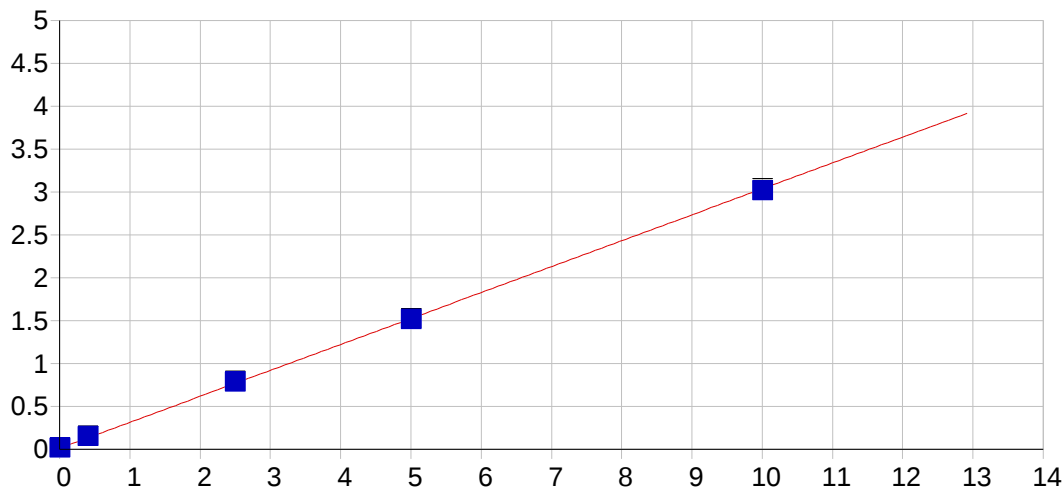
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.034530 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790
 Std Error of Est: 0.000017
 Predicted MDL: 0.002681
 Predicted MQL: 0.008937

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.02000	.01794	-.002	-10.3	.00113	.000	1
S3	2.5000	2.4510	-.049	-1.96	.08506	.001	1
S4	5.0000	4.8755	-.125	-2.49	.16868	.001	1
S5	10.000	10.176	.176	1.76	.35150	.001	1



Si 288.158 {117}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

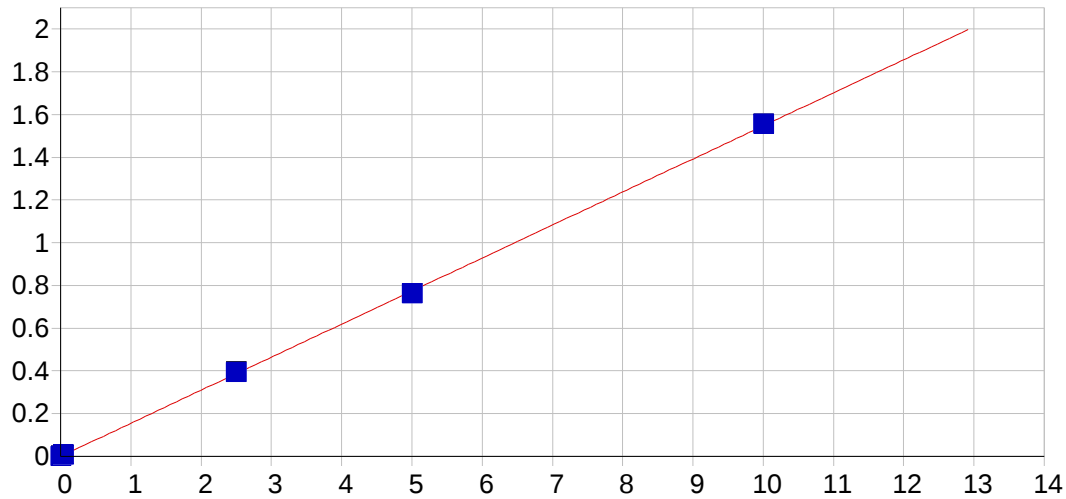
Weighting: 1/Conc

A0 (Offset): 0.012951
 A1 (Gain): 0.302401
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798
 Std Error of Est: 0.000663
 Predicted MDL: 0.002540
 Predicted MQL: 0.008467

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	-.00005	-.000	.000	.01294	.001	1
S1	.40000	.44484	.045	11.2	.14737	.001	1
S3	2.5000	2.5600	.060	2.40	.78670	.003	1
S4	5.0000	4.9563	-.044	-8.74	1.5109	.010	1
S5	10.000	9.9389	-.061	-6.11	3.0169	.020	1

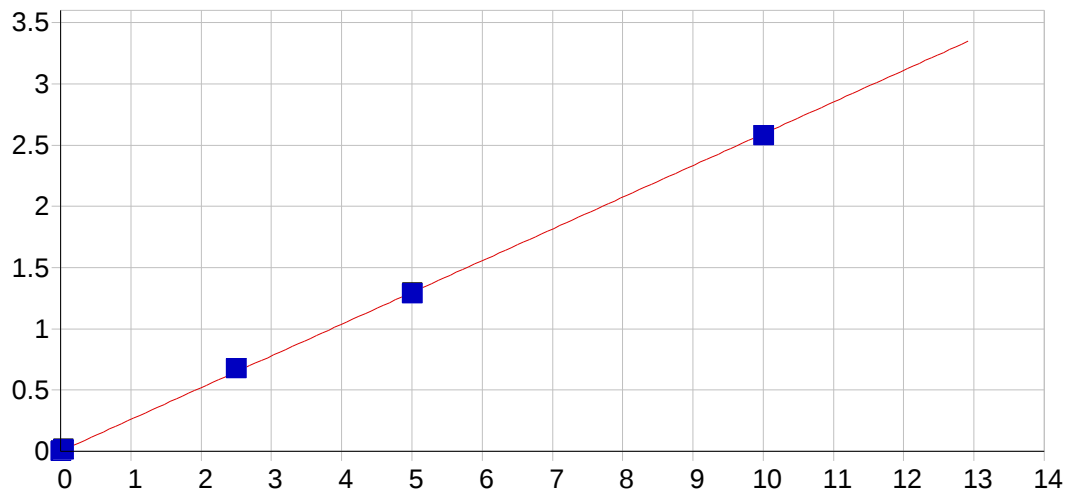


Sn 189.989 {477}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.154651 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.000635
 Predicted MQL: 0.002117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.04000	.04140	.001	3.50	.00688	.000	1
S3	2.5000	2.5385	.039	1.54	.39312	.002	1
S4	5.0000	4.9151	-.085	-1.70	.76073	.000	1
S5	10.000	10.045	.045	.450	1.5542	.001	1



Ti 336.121 {100}

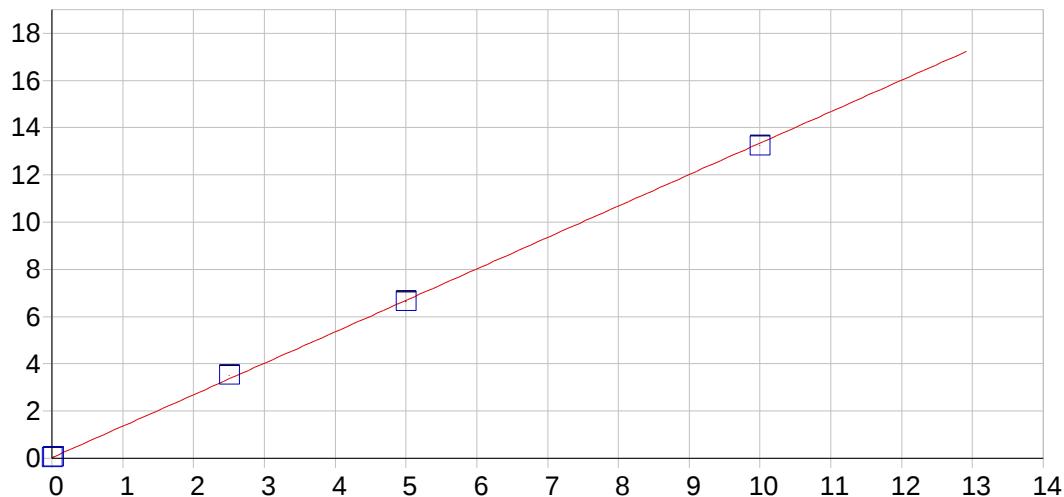
Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001606 Re-Slope: 1.000000
 A1 (Gain): 0.259070 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000148
 Predicted MDL: 0.001816
 Predicted MQL: 0.006053

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00160	.000	1
S1	.04000	.04358	.004	8.95	.01289	.001	1
S3	2.5000	2.5988	.099	3.95	.67480	.000	1
S4	5.0000	4.9644	-.036	-.712	1.2876	.003	1
S5	10.000	9.9332	-.067	-.668	2.5747	.003	1



Li 670.784 { 50}

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

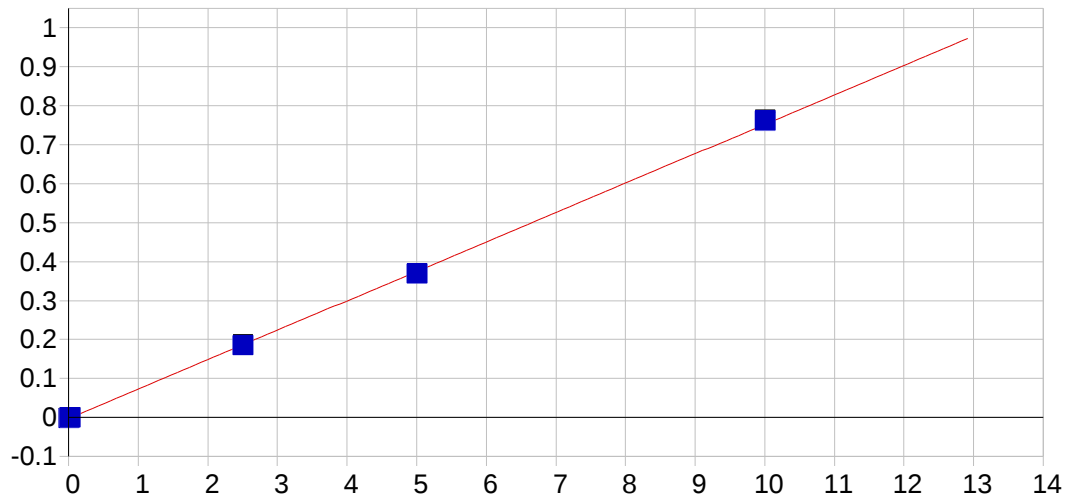
Weighting: 1/Conc

A0 (Offset): 0.027145
 A1 (Gain): 1.332137
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807
 Std Error of Est: 0.000631
 Predicted MDL: 0.001720
 Predicted MQL: 0.005734

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	.02714	.002	1
S1	.02000	.02037	.000	1.84	.05428	.002	1
S3	2.5000	2.6201	.120	4.80	3.5174	.014	1
S4	5.0000	4.9654	-.035	-.691	6.6418	.038	1
S5	10.000	9.9141	-.086	-.859	13.234	.012	1



P 177.495 {490}

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002686 Re-Slope: 1.000000
 A1 (Gain): 0.075512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001396
 Predicted MQL: 0.004652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00269	.000	1
S1	.02000	.01880	-.001	-5.98	-.00127	.000	1
S3	2.5000	2.4793	-.021	-.827	.18426	.002	1
S4	5.0000	4.9127	-.087	-1.75	.36773	.000	1
S5	10.000	10.109	.109	1.09	.75958	.002	1



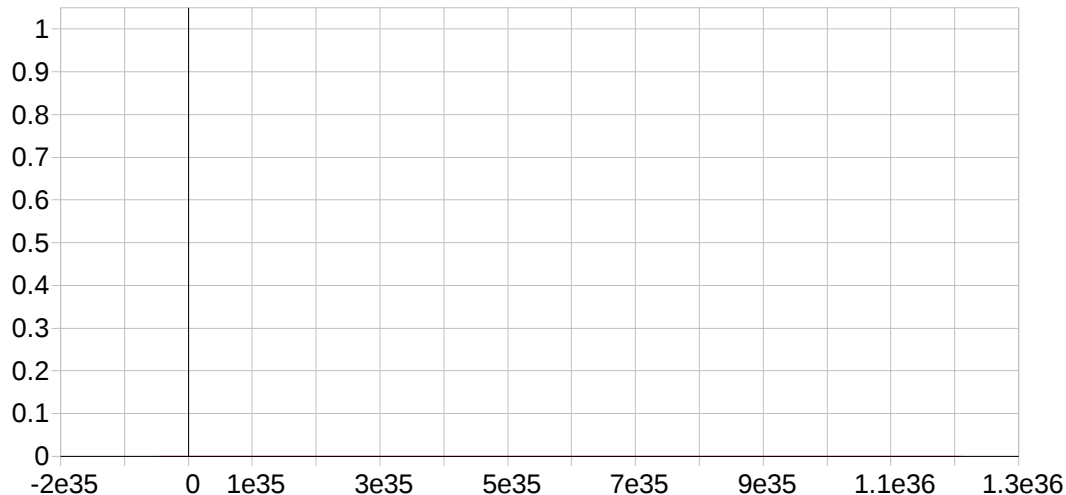
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

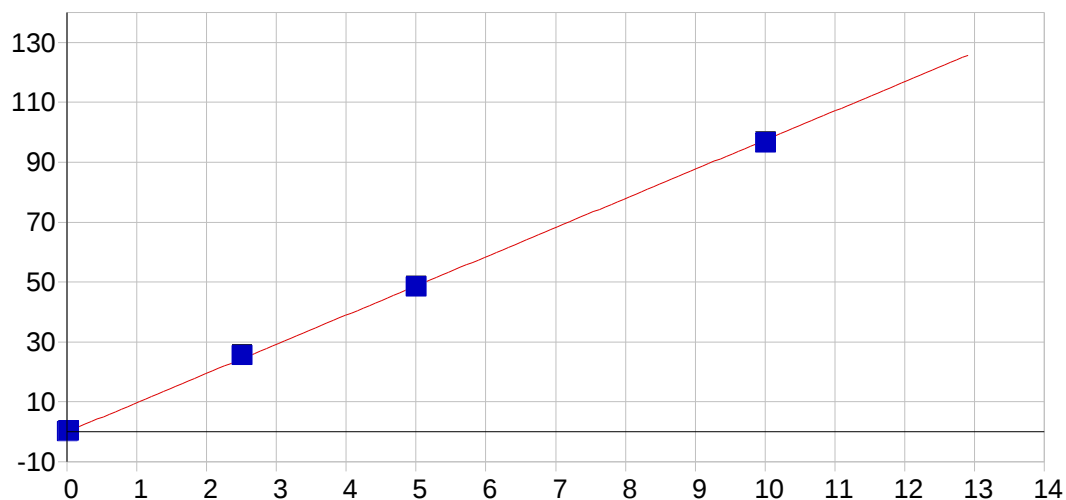
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 4/17/2019 15:14:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004978

Re-Slope: 1.000000

A1 (Gain): 9.741029

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999791

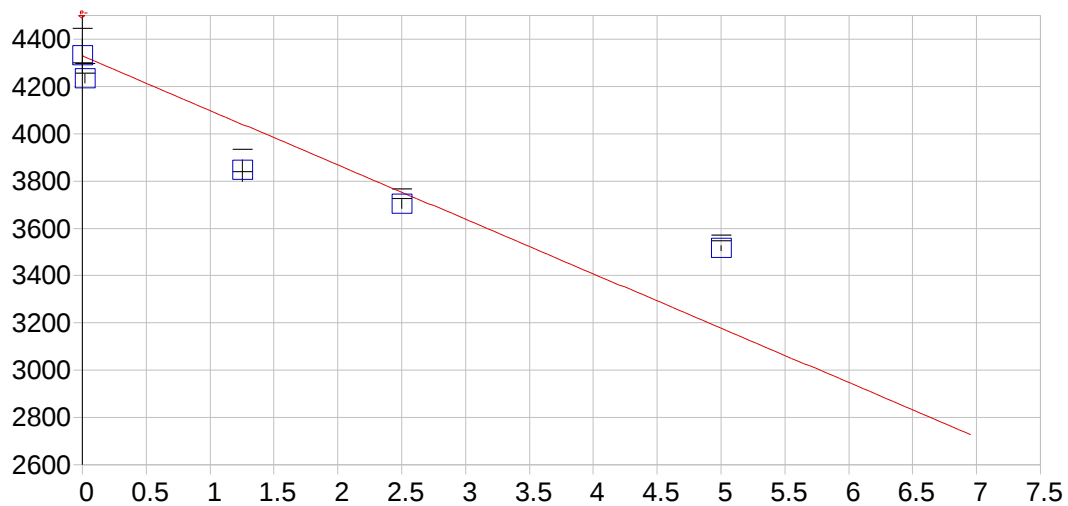
Status: OK.

Std Error of Est: 0.004816

Predicted MDL: 0.000094

Predicted MQL: 0.000314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00501	.000	1
S1	.02000	.02227	.002	11.3	.21302	.001	1
S3	2.5000	2.6225	.122	4.90	25.567	.081	1
S4	5.0000	4.9708	-.029	-.584	48.469	.080	1
S5	10.000	9.9044	-.096	-.956	96.582	.163	1

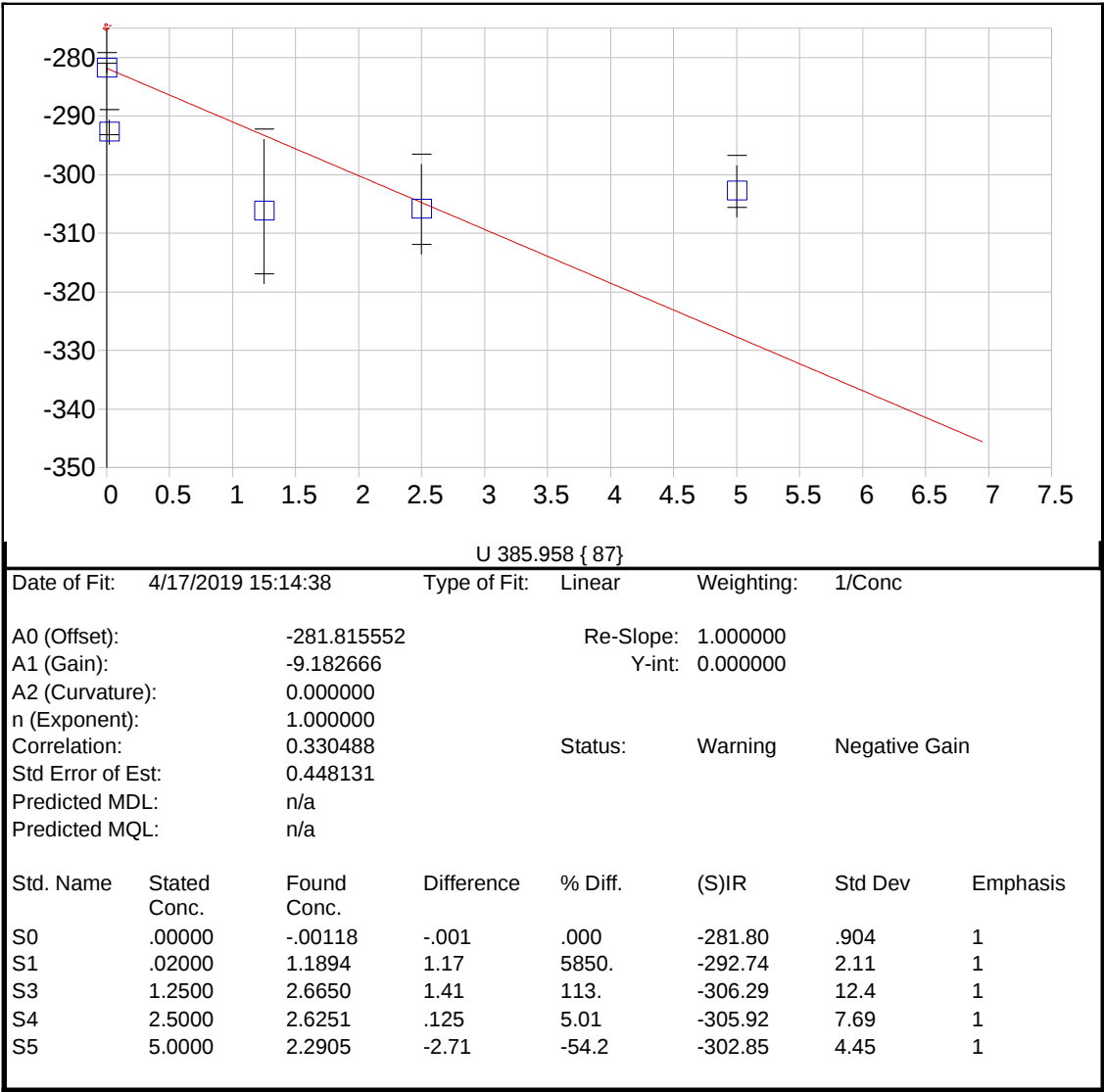


U 367.007 { 92 }

Date of Fit: 4/17/2019 15:14:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4328.504646 Re-Slope: 1.000000
A1 (Gain): -230.152390 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.705944 Status: Warning Negative Gain
Std Error of Est: 3.945945
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	-.000	.000	4328.6	73.3	1
S1	.02000	.41453	.395	1970.	4233.1	20.0	1
S3	1.2500	2.1060	.856	68.5	3843.8	46.9	1
S4	2.5000	2.7185	.219	8.74	3702.8	19.8	1
S5	5.0000	3.5310	-1.47	-29.4	3515.8	12.2	1



Sample Name: S0 Acquired: 4/17/2019 10:50:40 Type: Cal
Method: P4-ICP2(v3057) 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	.00006	.00021	.00279	-.00005	.00022	.00078	-.00155	-.00008
Stddev	.00002	.00019	.00011	.00015	.00025	.00008	.00017	.00004
%RSD	35.447	88.619	4.1189	314.42	111.26	10.594	11.118	42.981

#1	.00008	-.00000	.00272	-.00023	-.00004	.00087	-.00170	-.00004
#2	.00006	.00034	.00292	.00004	.00045	.00077	-.00136	-.00010
#3	.00004	.00031	.00272	.00004	.00027	.00071	-.00157	-.00011

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	-.00016	.00083	.00002	-.00035	.00206	.00068	.00007	.00008
Stddev	.00016	.00023	.00009	.00015	.00025	.00007	.00001	.00002
%RSD	100.49	27.105	400.24	44.231	11.944	9.6505	9.5040	19.056

#1	-.00026	.00108	-.00008	-.00047	.00181	.00066	.00007	.00007
#2	-.00024	.00064	.00011	-.00018	.00230	.00063	.00008	.00010
#3	.00002	.00077	.00004	-.00040	.00207	.00076	.00007	.00007

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	-.00677	.00076	.00138	.00022	.00373	.00162	.00001	.00001
Stddev	.00005	.00009	.00012	.00002	.00009	.00024	.00009	.00003
%RSD	.72534	11.660	8.4981	9.0974	2.4585	14.494	1712.4	278.84

#1	-.00678	.00066	.00125	.00020	.00367	.00136	.00008	-.00002
#2	-.00672	.00083	.00148	.00022	.00384	.00182	-.00009	.00004
#3	-.00682	.00078	.00140	.00024	.00369	.00168	.00003	.00002

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	.00053	.01294	.00048	.00160	.02714	-.0027	-.00501	4328.6
Stddev	.00001	.00051	.00006	.00028	.00216	.0001	.00013	73.3
%RSD	2.8135	3.9250	12.107	17.483	7.9431	3.468	2.5457	1.6937

#1	.00051	.01311	.00054	.00184	.02484	-.0027	-.00504	4361.3
#2	.00054	.01334	.00043	.00168	.02911	-.0026	-.00487	4244.6
#3	.00053	.01237	.00046	.00129	.02749	-.0028	-.00512	4379.9

Sample Name: S0 Acquired: 4/17/2019 10:50:40 Type: Cal
 Method: P4-ICP2(v3057) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-281.80
Stddev	.90
%RSD	.32076

#1	-282.08
#2	-280.80
#3	-282.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5002.1	58505.	6094.6	76.781	5437.6
Stddev	4.4	301.	20.9	.801	12.1
%RSD	.08725	.51522	.34332	1.0428	.22291

#1	4997.2	58162.	6072.7	76.218	5424.4
#2	5005.5	58624.	6114.3	76.427	5440.1
#3	5003.6	58728.	6096.9	77.698	5448.3

Sample Name: S1 Acquired: 4/17/2019 10:55:06 Type: Cal
Method: P4-ICP2(v3057) 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	.00101	.00611	.00591	.00112	.00692	.00182	.04114	.00514
Stddev	.00009	.00014	.00014	.00006	.00007	.00006	.00018	.00005
%RSD	8.5621	2.2685	2.3652	5.6088	1.0760	3.2545	.43932	1.0430

#1	.00111	.00627	.00607	.00118	.00699	.00187	.04113	.00519
#2	.00096	.00600	.00586	.00106	.00692	.00175	.04132	.00515
#3	.00096	.00607	.00580	.00111	.00684	.00183	.04096	.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	.02299	.00213	.03054	.01796	.01031	.02338	.01740	.00291
Stddev	.00018	.00006	.00008	.00016	.00005	.00011	.00014	.00013
%RSD	.79351	2.9342	.25263	.91234	.49848	.46165	.82994	4.6246

#1	.02320	.00214	.03046	.01796	.01036	.02351	.01756	.00306
#2	.02286	.00206	.03061	.01813	.01026	.02332	.01728	.00281
#3	.02291	.00218	.03057	.01780	.01033	.02332	.01736	.00286

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	.00851	.09756	.11954	.00020	.00113	.14737	.00688	.01289
Stddev	.00012	.00022	.00016	.00002	.00011	.00056	.00013	.00062
%RSD	1.3981	.22914	.13609	7.9408	9.7035	.37859	1.8670	4.8025

#1	.00858	.09768	.11950	.00022	.00116	.14787	.00702	.01359
#2	.00837	.09771	.11940	.00019	.00100	.14677	.00676	.01242
#3	.00858	.09730	.11972	.00019	.00121	.14748	.00686	.01266

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05428	-.0013	.21302	4233.1	-292.74
Stddev	.00202	.0001	.00084	20.0	2.11
%RSD	3.7211	8.047	.39285	.47221	.72163

#1	.05660	-.0014	.21276	4254.7	-292.29
#2	.05326	-.0012	.21396	4215.3	-290.88
#3	.05297	-.0013	.21235	4229.2	-295.04

Sample Name: S1 Acquired: 4/17/2019 10:55:06 Type: Cal
Method: P4-ICP2(v3057) 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	4993.8	59169.	6121.1	77.098	5373.9
Stddev	10.5	75.	20.8	1.235	2.6
%RSD	.20992	.12715	.33990	1.6012	.04919
#1	4994.6	59091.	6129.5	78.045	5371.3
#2	5003.9	59241.	6097.4	75.702	5373.8
#3	4982.9	59176.	6136.4	77.548	5376.6

Sample Name: S2 Acquired: 4/17/2019 10:59:30 Type: Cal
Method: P4-ICP2(v3057) 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	.09933	.00192	.05836	.01455
Stddev	.00027	.00001	.00075	.00016
%RSD	.26793	.76225	1.2837	1.0675

#1	.09909	.00190	.05768	.01441
#2	.09927	.00193	.05916	.01472
#3	.09962	.00192	.05822	.01453

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	59943.	6263.3
Stddev	71.	35.3
%RSD	.11852	.56298

#1	59867.	6225.2
#2	59955.	6294.7
#3	60007.	6270.1

Sample Name: S3 Acquired: 4/17/2019 11:03:42 Type: Cal
Method: P4-ICP2(v3057) 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	.11512	.34642	.67112	.14836	.31749	.04088	2.0158	.10035
Stddev	.00060	.00288	.00090	.00081	.00023	.00019	.0040	.00009
%RSD	.51799	.83275	.13389	.54745	.07197	.47024	.19632	.09146
#1	.11523	.34750	.67210	.14923	.31738	.04108	2.0170	.10043
#2	.11565	.34861	.67095	.14823	.31776	.04069	2.0190	.10038
#3	.11448	.34315	.67032	.14762	.31734	.04088	2.0114	.10025
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	4.6861	.55733	.09796	1.2715	.45171	.22458	1.3086	.01058
Stddev	.0044	.00314	.00030	.0019	.00031	.00051	.0012	.00005
%RSD	.09364	.56299	.31074	.14619	.06832	.22757	.08872	.46730
#1	4.6854	.55814	.09823	1.2725	.45140	.22423	1.3073	.01064
#2	4.6908	.55387	.09803	1.2727	.45202	.22434	1.3094	.01056
#3	4.6821	.55999	.09763	1.2694	.45171	.22517	1.3091	.01055
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	.71707	.12897	.33376	.24980	2.8809	.07863	1.3854	.00476
Stddev	.00074	.00043	.00016	.00027	.0054	.00012	.0010	.00003
%RSD	.10294	.33077	.04679	.10731	.18785	.15644	.07546	.58183
#1	.71745	.12933	.33380	.24956	2.8815	.07854	1.3865	.00478
#2	.71754	.12908	.33389	.25009	2.8860	.07877	1.3844	.00473
#3	.71622	.12849	.33359	.24976	2.8752	.07859	1.3852	.00477
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	.08506	.78670	.39312	.67480	3.5174	.1843	25.567	3843.8
Stddev	.00109	.00330	.00187	.00047	.0141	.0019	.081	46.9
%RSD	1.2797	.41909	.47638	.06955	.40136	1.019	.31489	1.2203
#1	.08576	.78658	.39443	.67426	3.5125	.1852	25.496	3875.1
#2	.08562	.79005	.39396	.67502	3.5333	.1855	25.655	3866.5
#3	.08381	.78346	.39098	.67512	3.5064	.1821	25.552	3789.9

Sample Name: S3 Acquired: 4/17/2019 11:03:42 Type: Cal
 Method: P4-ICP2(v3057) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-306.29
Stddev	12.38
%RSD	4.0431

#1	-291.99
#2	-313.67
#3	-313.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4869.8	58201.	6184.3	74.865	5013.3
Stddev	11.3	342.	34.3	.174	7.8
%RSD	.23239	.58702	.55531	.23264	.15658

#1	4881.0	58021.	6184.8	74.973	5021.8
#2	4870.1	57988.	6149.6	74.664	5006.3
#3	4858.4	58596.	6218.3	74.959	5011.7

Sample Name: S4 Acquired: 4/17/2019 11:07:41 Type: Cal
Method: P4-ICP2(v3057) 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	.22227	.66437	1.2885	.28471	.60754	.07720	3.8396	.19158
Stddev	.00049	.00165	.0019	.00052	.00049	.00026	.0295	.00057
%RSD	.22185	.24884	.14761	.18089	.08006	.33038	.76945	.29986
#1	.22284	.66446	1.2899	.28508	.60810	.07694	3.8274	.19212
#2	.22201	.66597	1.2893	.28412	.60720	.07745	3.8732	.19166
#3	.22197	.66267	1.2864	.28493	.60733	.07721	3.8181	.19097
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	9.0884	1.0558	.18532	2.4560	.84743	.42084	2.4713	.02007
Stddev	.0056	.0007	.00015	.0014	.00038	.00063	.0013	.00006
%RSD	.06131	.06981	.08225	.05650	.04494	.15081	.05298	.28659
#1	9.0922	1.0567	.18541	2.4560	.84749	.42055	2.4712	.02003
#2	9.0910	1.0554	.18540	2.4574	.84778	.42039	2.4726	.02014
#3	9.0820	1.0554	.18514	2.4546	.84703	.42156	2.4700	.02005
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	1.3830	.24317	.63215	.47435	5.6023	.14898	2.6459	.00914
Stddev	.0006	.00026	.00448	.00056	.0085	.00130	.0008	.00010
%RSD	.04243	.10814	.70807	.11766	.15181	.87455	.02844	1.0951
#1	1.3825	.24343	.63104	.47495	5.6039	.14827	2.6453	.00912
#2	1.3829	.24291	.63708	.47386	5.6098	.15048	2.6467	.00924
#3	1.3837	.24317	.62834	.47423	5.5931	.14818	2.6457	.00904
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	.16868	1.5109	.76073	1.2876	6.6418	.3677	48.469	3702.8
Stddev	.00066	.0101	.00029	.0029	.0376	.0004	.080	19.8
%RSD	.39394	.67154	.03763	.22299	.56564	.1106	.16564	.53503
#1	.16941	1.5194	.76051	1.2905	6.6574	.3678	48.562	3696.6
#2	.16810	1.4997	.76106	1.2847	6.5989	.3681	48.423	3725.0
#3	.16854	1.5137	.76063	1.2875	6.6691	.3673	48.423	3686.9

Sample Name: S4 Acquired: 4/17/2019 11:07:41 Type: Cal
 Method: P4-ICP2(v3057) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-305.92
Stddev	7.69
%RSD	2.5144

#1	-297.15
#2	-309.10
#3	-311.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4799.0	57864.	6158.4	74.901	4820.0
Stddev	2.1	147.	32.7	.955	4.2
%RSD	.04355	.25473	.53089	1.2756	.08776

#1	4798.8	57946.	6132.6	74.043	4820.4
#2	4797.0	57694.	6195.2	75.931	4815.6
#3	4801.2	57951.	6147.5	74.729	4824.1

Sample Name: S5 Acquired: 4/17/2019 11:11:40 Type: Cal
Method: P4-ICP2(v3057) 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	.45101	1.3226	2.6362	.57475	1.2364	.15604	7.8509	.38671
Stddev	.00078	.0017	.0011	.00019	.0031	.00105	.0210	.00069
%RSD	.17293	.13106	.04235	.03333	.25244	.67372	.26685	.17824
#1	.45173	1.3216	2.6354	.57495	1.2376	.15561	7.8538	.38617
#2	.45110	1.3217	2.6375	.57457	1.2387	.15724	7.8703	.38749
#3	.45018	1.3246	2.6356	.57473	1.2329	.15527	7.8287	.38647
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	18.667	2.1055	.37002	5.0737	1.6915	.84019	4.8573	.04099
Stddev	.019	.0019	.00053	.0033	.0024	.00122	.0065	.00031
%RSD	.10302	.09105	.14439	.06479	.14180	.14533	.13453	.75467
#1	18.646	2.1074	.37049	5.0742	1.6905	.83885	4.8645	.04071
#2	18.683	2.1054	.37013	5.0767	1.6942	.84124	4.8516	.04132
#3	18.671	2.1036	.36944	5.0702	1.6897	.84049	4.8559	.04095
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	2.8512	.49125	1.2996	.96276	11.581	.30705	5.3311	.01893
Stddev	.0015	.00016	.0085	.00086	.008	.00171	.0056	.00024
%RSD	.05296	.03351	.65273	.08949	.06555	.55761	.10514	1.2756
#1	2.8529	.49135	1.2973	.96375	11.579	.30697	5.3297	.01872
#2	2.8503	.49133	1.3089	.96236	11.589	.30880	5.3373	.01919
#3	2.8503	.49106	1.2924	.96217	11.574	.30538	5.3264	.01888
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	.35150	3.0169	1.5542	2.5747	13.234	.7596	96.582	3515.8
Stddev	.00144	.0197	.0013	.0032	.012	.0024	.163	12.2
%RSD	.41090	.65210	.08357	.12319	.08987	.3215	.16831	.34696
#1	.35261	3.0251	1.5530	2.5773	13.225	.7609	96.540	3507.3
#2	.34987	2.9944	1.5540	2.5755	13.248	.7568	96.761	3510.3
#3	.35202	3.0311	1.5556	2.5711	13.230	.7611	96.443	3529.8

Sample Name: S5 Acquired: 4/17/2019 11:11:40 Type: Cal
 Method: P4-ICP2(v3057) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-302.85
Stddev	4.45
%RSD	1.4695

#1	-298.88
#2	-307.66
#3	-302.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4647.1	56740.	6156.3	74.216	4539.7
Stddev	6.6	205.	24.4	.536	4.4
%RSD	.14290	.36104	.39656	.72164	.09776

#1	4652.5	56785.	6134.0	74.737	4544.8
#2	4639.7	56516.	6182.4	74.243	4536.9
#3	4649.0	56918.	6152.5	73.667	4537.3

Sample Name: ICV01 Acquired: 4/17/2019 11:22:34 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0047	1.0612	1.0083	1.0145	.98960	2.5339	.50676
Stddev	.0013	.0047	.0019	.0065	.00282	.0051	.00311
%RSD	.13374	.44391	.19363	.64493	.28535	.20205	.61449

#1	1.0060	1.0660	1.0102	1.0215	.99275	2.5356	.50851
#2	1.0049	1.0610	1.0082	1.0134	.98874	2.5380	.50860
#3	1.0033	1.0566	1.0063	1.0086	.98730	2.5282	.50317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49906	.48917	10.449	.50984	.50387	.51432	5.1985
Stddev	.00208	.00043	.023	.00151	.00061	.00141	.0113
%RSD	.41626	.08851	.21636	.29661	.12152	.27451	.21668

#1	.50130	.48870	10.472	.50959	.50419	.51592	5.2012
#2	.49869	.48956	10.427	.51146	.50425	.51379	5.2082
#3	.49720	.48924	10.448	.50847	.50316	.51325	5.1862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52130	6.0896	.50703	.51753	10.103	.50255	.98586
Stddev	.00145	.1285	.00053	.00109	.035	.00080	.00129
%RSD	.27876	2.1102	.10507	.21154	.35126	.15889	.13049

#1	.52271	6.1824	.50646	.51787	10.126	.50310	.98476
#2	.52138	6.1434	.50752	.51840	10.122	.50163	.98728
#3	.51981	5.9429	.50710	.51630	10.063	.50291	.98556

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.089	2.5120	2.4577	F .00606	2.3974	2.4105	2.4982
Stddev	.034	.0015	.0386	.00099	.0198	.0068	.0055
%RSD	.34056	.06042	1.5699	16.412	.82645	.28296	.21970

#1	10.116	2.5133	2.4924	.00673	2.3812	2.4180	2.4965
#2	10.101	2.5123	2.4645	.00653	2.3915	2.4089	2.4938
#3	10.050	2.5103	2.4161	.00492	2.4195	2.4047	2.5044

Sample Name: ICV01 Acquired: 4/17/2019 11:22:34 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00255	F .0001	F .00602	F 2.8401	F 2.6089
Stddev	.00086	.0005	.00008	.1689	1.0320
%RSD	33.607	450.4	1.2763	5.9481	39.557
#1	-.00265	-.0003	.00601	3.0338	3.7620
#2	-.00165	-.0001	.00596	2.7627	1.7719
#3	-.00335	.0007	.00611	2.7237	2.2929
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4876.4	58966.	6214.1	77.343	5101.1
Stddev	9.2	260.	24.1	.717	2.9
%RSD	.18864	.44070	.38782	.92678	.05734
#1	4867.1	58708.	6213.2	76.747	5098.5
#2	4885.5	58964.	6238.7	78.138	5104.3
#3	4876.6	59227.	6190.5	77.144	5100.3

Sample Name: LLICV01 Acquired: 4/17/2019 11:26:36 Type: Unk
Method: P4-ICP2(v3057) 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	.02021	.04511	.01318	.01923	.05623	.10330	.11147	.00674
Stddev	.00048	.00066	.00064	.00224	.00204	.00842	.00072	.00001
%RSD	2.3775	1.4565	4.8751	11.670	3.6193	8.1485	.64501	.11260
#1	.02013	.04573	.01262	.01788	.05421	.09616	.11105	.00674
#2	.02073	.04518	.01303	.01800	.05828	.10115	.11230	.00674
#3	.01978	.04442	.01388	.02182	.05619	.11258	.11106	.00673
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	2.2483	.01074	.03128	.02235	.11341	.02390	2.1744
Stddev	.00003	.0062	.00018	.00032	.00019	.00059	.00004	.0123
%RSD	.46928	.27401	1.6379	1.0203	.85495	.51894	.18753	.56647
#1	.00614	2.2516	.01092	.03162	.02245	.11291	.02394	2.1877
#2	.00615	2.2521	.01073	.03100	.02247	.11406	.02385	2.1719
#3	.00619	2.2412	.01056	.03120	.02213	.11327	.02392	2.1635
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04262	.01134	2.1660	.04274	.04138	2.1600	.22626	.10343
Stddev	.00019	.00052	.0046	.00061	.00014	.0398	.00026	.01714
%RSD	.45481	4.5829	.21232	1.4357	.33795	1.8443	.11610	16.576
#1	.04281	.01171	2.1631	.04336	.04126	2.1760	.22609	.12081
#2	.04263	.01075	2.1713	.04213	.04153	2.1894	.22613	.10294
#3	.04242	.01157	2.1636	.04274	.04135	2.1147	.22656	.08653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01822	.43463	.04163	.04494	.01831	.0179	.02220	F 2.4753
Stddev	.00185	.00136	.00037	.00111	.00022	.0006	.00006	.2042
%RSD	10.161	.31391	.87700	2.4740	1.1846	3.387	.26599	8.2491
#1	.01869	.43342	.04182	.04382	.01856	.0173	.02222	2.6342
#2	.01618	.43611	.04187	.04605	.01818	.0185	.02224	2.2450
#3	.01979	.43436	.04121	.04493	.01820	.0180	.02213	2.5468

Sample Name: LLICV01 Acquired: 4/17/2019 11:26:36 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7925
Stddev .5289
%RSD 18.941

#1 2.8949
#2 2.2199
#3 3.2628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4915.6	59862.	6245.7	76.598	5321.3
Stddev	3.1	255.	15.4	1.404	5.3
%RSD	.06367	.42532	.24657	1.8331	.09979

#1	4915.6	59675.	6228.5	78.214	5319.4
#2	4912.4	59760.	6250.5	75.914	5317.1
#3	4918.7	60152.	6258.1	75.668	5327.3

Sample Name: ICB01 Acquired: 4/17/2019 11:30:59 Type: Unk
Method: P4-ICP2(v3057) 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	-.00065	-.00021	.00005	.00105	.00123	-.01512	.00071	.00001
Stddev	.00077	.00016	.00034	.00123	.00137	.00979	.00044	.00006
%RSD	118.96	79.154	676.40	116.66	111.05	64.762	61.582	740.92
#1	-.00100	-.00024	.00005	.00177	.00225	-.00511	.00120	-.00006
#2	-.00119	-.00035	-.00029	.00175	-.00033	-.02467	.00035	.00002
#3	.00024	-.00003	.00039	-.00037	.00178	-.01557	.00058	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00241	.00032	-.00000	-.00035	.00014	.00002	.00085
Stddev	.00002	.00285	.00024	.00010	.00013	.00034	.00006	.02264
%RSD	30.844	118.06	75.344	7518.9	38.572	238.82	353.93	2672.4
#1	-.00005	.00237	.00010	-.00010	-.00049	-.00022	.00005	-.00698
#2	-.00008	.00528	.00029	-.00001	-.00023	.00046	.00006	-.01684
#3	-.00009	-.00041	.00058	.00010	-.00032	.00019	-.00006	.02636
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00027	-.03460	-.00013	.00031	-.04933	-.00032	-.01217
Stddev	.00029	.00034	.00899	.00048	.00004	.00768	.00011	.01166
%RSD	562.98	124.14	25.998	377.62	13.680	15.571	33.133	95.803
#1	-.00004	-.00059	-.04467	.00036	.00029	-.05816	-.00021	-.00550
#2	.00038	-.00031	-.03174	-.00060	.00036	-.04562	-.00041	-.00538
#3	-.00018	.00008	-.02738	-.00014	.00029	-.04420	-.00035	-.02564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00153	-.00117	.00006	-.00411	.0001	-.00007	F 2.6083
Stddev	.00174	.00167	.00020	.00076	.00215	.0011	.00010	.2386
%RSD	255.19	108.77	17.364	1241.4	52.160	845.0	149.23	9.1477
#1	.00051	.00004	-.00108	.00076	-.00321	.0004	.00003	2.7490
#2	.00012	-.00136	-.00140	.00019	-.00656	.0010	-.00018	2.7430
#3	-.00268	-.00328	-.00102	-.00076	-.00257	-.0011	-.00007	2.3328

Sample Name: ICB01 Acquired: 4/17/2019 11:30:59 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6191
Stddev	1.0409
%RSD	64.292

#1	.71414
#2	2.7566
#3	1.3864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4938.3	60378.	6245.8	77.434	5400.3
Stddev	6.8	138.	24.0	.978	8.4
%RSD	.13865	.22854	.38349	1.2624	.15524

#1	4931.9	60272.	6237.7	76.307	5393.0
#2	4945.5	60534.	6227.0	77.948	5398.5
#3	4937.4	60327.	6272.8	78.048	5409.4

Sample Name: CRI01 Acquired: 4/17/2019 11:35:26 Type: Unk
Method: P4-ICP2(v3057) 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	.02160	.04454	.01229	.01870	.05432	.10737	.11119	.00679
Stddev	.00342	.00077	.00062	.00194	.00116	.00164	.00069	.00005
%RSD	15.843	1.7221	5.0243	10.350	2.1269	1.5299	.61672	.72313
#1	.02218	.04509	.01232	.01891	.05473	.10774	.11054	.00683
#2	.02469	.04366	.01290	.02053	.05521	.10879	.11191	.00674
#3	.01792	.04486	.01167	.01667	.05301	.10557	.11114	.00681
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00615	2.2312	.01068	.03104	.02226	.11293	.02387	2.2068
Stddev	.00000	.0162	.00021	.00013	.00004	.00066	.00007	.0556
%RSD	.05026	.72409	1.9331	.43200	.16857	.58615	.29239	2.5193
#1	.00615	2.2332	.01046	.03093	.02229	.11337	.02393	2.2253
#2	.00615	2.2141	.01071	.03119	.02227	.11217	.02389	2.2508
#3	.00614	2.2462	.01087	.03101	.02222	.11325	.02380	2.1443
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04232	.01099	2.1495	.04256	.04128	2.1320	.22632	.11281
Stddev	.00038	.00046	.0053	.00052	.00011	.0280	.00042	.01003
%RSD	.89681	4.1704	.24597	1.2268	.27253	1.3156	.18677	8.8950
#1	.04215	.01145	2.1443	.04262	.04134	2.1311	.22644	.10203
#2	.04275	.01053	2.1493	.04201	.04115	2.1604	.22667	.11455
#3	.04206	.01099	2.1549	.04305	.04135	2.1044	.22585	.12187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02031	.42654	.04042	.04512	.01693	.0175	.02203	F 3.0270
Stddev	.00225	.00363	.00079	.00024	.00088	.0009	.00011	.2388
%RSD	11.068	.85146	1.9532	.54076	5.1949	5.255	.48515	7.8901
#1	.01861	.43069	.04133	.04527	.01785	.0176	.02215	2.7513
#2	.01945	.42395	.04005	.04526	.01610	.0183	.02196	3.1700
#3	.02285	.42498	.03988	.04484	.01684	.0165	.02197	3.1598

Sample Name: CRI01 Acquired: 4/17/2019 11:35:26 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5791
Stddev	.3068
%RSD	11.895

#1	2.5473
#2	2.9005
#3	2.2894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4935.2	60373.	6310.6	78.214	5345.2
Stddev	13.7	125.	39.4	.526	7.2
%RSD	.27826	.20622	.62370	.67273	.13524

#1	4938.0	60242.	6267.1	77.843	5343.7
#2	4920.3	60387.	6343.8	78.816	5338.8
#3	4947.3	60490.	6321.0	77.982	5353.0

Sample Name: ICSA01 Acquired: 4/17/2019 11:39:50 Type: Unk
Method: P4-ICP2(v3057) 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	-.00428	.01098	.00009	.00857	.00602	269.60	.00725	.00251
Stddev	.00189	.00166	.00197	.00218	.00103	.81	.00026	.00005
%RSD	44.104	15.134	2112.0	25.492	17.049	.29936	3.5964	2.1404
#1	-.00625	.01249	-.00028	.01009	.00720	270.48	.00745	.00256
#2	-.00248	.00920	.00223	.00606	.00533	268.90	.00735	.00252
#3	-.00413	.01125	-.00167	.00954	.00552	269.42	.00695	.00245
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	250.96	.04836	-.00066	-.00232	97.137	.01547	275.30
Stddev	.00005	.62	.00075	.00014	.00026	.402	.00005	.71
%RSD	3.9075	.24558	1.5586	21.012	11.305	.41359	.34813	.25712
#1	-.00129	250.85	.04791	-.00078	-.00256	97.592	.01541	275.88
#2	-.00139	250.41	.04923	-.00069	-.00235	96.830	.01551	275.51
#3	-.00137	251.62	.04794	-.00051	-.00204	96.989	.01548	274.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01220	-.00431	.02063	.00151	-.01472	-.04192	-.00147	.04998
Stddev	.00012	.00023	.00980	.00024	.00019	.03310	.00009	.00487
%RSD	.99231	5.3756	47.499	15.795	1.2789	78.969	6.2719	9.7386
#1	-.01211	-.00406	.00950	.00178	-.01494	-.07760	-.00139	.05552
#2	-.01233	-.00434	.02445	.00133	-.01460	-.01221	-.00157	.04640
#3	-.01215	-.00453	.02795	.00142	-.01463	-.03594	-.00144	.04802
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02501	-.00790	.00200	-.00098	.00835	-.0023	-.00318	4.5915
Stddev	.00135	.00348	.00044	.00159	.00037	.0035	.00047	.0206
%RSD	5.3799	43.989	22.179	162.23	4.4361	152.0	14.641	.44944
#1	.02346	-.01064	.00243	-.00076	.00808	-.0012	-.00369	4.5739
#2	.02589	-.00399	.00155	.00049	.00877	-.0061	-.00306	4.6142
#3	.02568	-.00907	.00202	-.00266	.00821	.0005	-.00278	4.5864

Sample Name: ICSA01 Acquired: 4/17/2019 11:39:50 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2638
Stddev 1.2950
%RSD 57.206

#1 3.5263
#2 2.3265
#3 .93854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4358.7	53699.	6006.8	71.256	4231.1
Stddev	4.3	99.	13.9	1.077	6.1
%RSD	.09859	.18455	.23112	1.5114	.14318

#1	4353.8	53672.	6021.9	70.448	4224.8
#2	4360.6	53616.	5994.6	72.479	4231.7
#3	4361.7	53809.	6003.8	70.843	4236.8

Sample Name: ICSAB01 Acquired: 4/17/2019 11:44:28 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10633	.12470	.05321	.06440	.64638	265.18	.57985
Stddev	.00038	.00133	.00093	.00077	.00286	1.13	.00293
%RSD	.35425	1.0671	1.7444	1.1925	.44293	.42725	.50590

#1	.10592	.12574	.05333	.06384	.64843	264.03	.57729
#2	.10665	.12516	.05223	.06528	.64760	265.23	.57920
#3	.10641	.12320	.05408	.06408	.64311	266.29	.58305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57104	1.0402	245.50	.57435	.52805	.50227	95.547
Stddev	.00226	.0004	.81	.00068	.00039	.00098	.363
%RSD	.39637	.04097	.33091	.11885	.07475	.19432	.38024

#1	.57343	1.0399	246.11	.57499	.52760	.50339	95.208
#2	.56892	1.0400	245.82	.57363	.52828	.50172	95.503
#3	.57078	1.0407	244.58	.57443	.52828	.50168	95.931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55489	272.49	1.0293	.21959	.08366	.53196	1.1206
Stddev	.00035	1.10	.0032	.00040	.01901	.00211	.0011
%RSD	.06322	.40203	.30919	.18220	22.719	.39668	.09433

#1	.55450	271.29	1.0327	.21924	.06800	.53103	1.1208
#2	.55500	273.44	1.0287	.21951	.07817	.53047	1.1194
#3	.55517	272.74	1.0264	.22003	.10480	.53437	1.1215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12845	1.0551	1.1764	F .02351	.93308	1.0564	1.0519
Stddev	.01571	.0035	.0377	.00408	.01208	.0014	.0032
%RSD	12.233	.33229	3.2006	17.356	1.2949	.12949	.30729

#1	.12230	1.0576	1.1473	.02041	.94181	1.0579	1.0501
#2	.11675	1.0511	1.2189	.02199	.93814	1.0553	1.0556
#3	.14631	1.0565	1.1630	.02813	.91929	1.0561	1.0500

Sample Name: ICSAB01 Acquired: 4/17/2019 11:44:28 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00796	F .0007	F -.00375	5.0516	1.4532
Stddev	.00135	.0019	.00040	.1020	.2146
%RSD	16.962	265.7	10.617	2.0190	14.765
#1	.00728	.0014	-.00332	4.9350	1.2068
#2	.00708	-.0014	-.00383	5.0957	1.5544
#3	.00951	.0021	-.00410	5.1241	1.5985
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4367.2	53657.	6073.5	72.342	4239.7
Stddev	2.3	51.	49.2	1.050	3.8
%RSD	.05234	.09511	.81042	1.4518	.09063
#1	4366.1	53611.	6024.9	73.038	4239.2
#2	4369.8	53647.	6072.3	71.134	4243.7
#3	4365.6	53712.	6123.4	72.854	4236.1

Sample Name: CCV01 Acquired: 4/17/2019 11:48:51 Type: Unk
Method: P4-ICP2(v3057) 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	4.9879	5.0276	4.9526	4.9830	4.9678	9.7021	9.9473	.25050
Stddev	.0178	.0214	.0040	.0169	.0106	.0658	.0167	.00122
%RSD	.35614	.42506	.08027	.33910	.21323	.67833	.16833	.48886
#1	4.9897	5.0311	4.9568	4.9914	4.9679	9.6617	9.9578	.25178
#2	5.0048	5.0471	4.9520	4.9942	4.9784	9.6666	9.9279	.24934
#3	4.9694	5.0048	4.9489	4.9636	4.9572	9.7781	9.9560	.25037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4399	24.715	.98036	2.4700	1.2195	4.9669	2.5299	24.686
Stddev	.0009	.092	.00336	.0030	.0022	.0059	.0018	.276
%RSD	.03776	.37324	.34318	.12161	.17827	.11822	.07286	1.1180
#1	2.4399	24.621	.97840	2.4735	1.2173	4.9724	2.5310	24.570
#2	2.4408	24.718	.97843	2.4682	1.2217	4.9607	2.5278	24.487
#3	2.4390	24.806	.98424	2.4683	1.2194	4.9677	2.5310	25.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4479	1.2348	24.602	2.4384	2.4776	24.816	5.0331	4.9537
Stddev	.0016	.0020	.038	.0075	.0029	.069	.0088	.0632
%RSD	.06414	.15921	.15442	.30654	.11679	.27754	.17500	1.2756
#1	2.4496	1.2338	24.610	2.4325	2.4806	24.831	5.0305	4.8947
#2	2.4467	1.2334	24.561	2.4360	2.4774	24.741	5.0430	4.9462
#3	2.4473	1.2370	24.636	2.4468	2.4749	24.876	5.0260	5.0204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9602	4.8383	4.9384	4.9571	4.8031	4.963	4.9467	F 4.5619
Stddev	.0294	.0029	.0155	.0076	.0311	.021	.0218	.0759
%RSD	.59302	.05909	.31450	.15287	.64689	.4159	.43991	1.6642
#1	4.9816	4.8383	4.9541	4.9514	4.8386	4.970	4.9688	4.5675
#2	4.9724	4.8354	4.9379	4.9543	4.7900	4.979	4.9459	4.6348
#3	4.9267	4.8411	4.9231	4.9657	4.7808	4.940	4.9253	4.4833

Sample Name: CCV01 Acquired: 4/17/2019 11:48:51 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2458
Stddev	.9936
%RSD	30.611

#1	3.8626
#2	3.7750
#3	2.0996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4730.7	57980.	6226.4	75.321	4771.9
Stddev	4.6	262.	26.4	.372	5.9
%RSD	.09787	.45153	.42444	.49426	.12404

#1	4731.7	57813.	6196.0	74.893	4765.4
#2	4725.7	58282.	6242.6	75.567	4773.2
#3	4734.8	57846.	6240.8	75.503	4777.0

Sample Name: LLCCV01 Acquired: 4/17/2019 11:52:50 Type: Unk
Method: P4-ICP2(v3057) 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	.02130	.04582	.01247	.02083	.05421	.10360	.11115	.00683
Stddev	.00097	.00152	.00052	.00132	.00092	.00181	.00142	.00009
%RSD	4.5660	3.3088	4.2021	6.3498	1.6955	1.7451	1.2769	1.2460
#1	.02103	.04707	.01261	.01945	.05521	.10181	.10964	.00682
#2	.02238	.04414	.01291	.02209	.05340	.10543	.11245	.00692
#3	.02049	.04626	.01189	.02096	.05402	.10357	.11137	.00675
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	2.2419	.01064	.03117	.02236	.11383	.02399	2.1540
Stddev	.00006	.0082	.00031	.00023	.00061	.00193	.00012	.0345
%RSD	.93845	.36662	2.8856	.74481	2.7493	1.6987	.49188	1.6032
#1	.00625	2.2511	.01041	.03132	.02285	.11255	.02385	2.1928
#2	.00615	2.2353	.01052	.03129	.02167	.11289	.02405	2.1426
#3	.00615	2.2393	.01099	.03090	.02255	.11606	.02405	2.1267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04214	.01086	2.1714	.04266	.04132	2.1278	.22738	.11865
Stddev	.00020	.00060	.0100	.00004	.00014	.0480	.00027	.01031
%RSD	.46438	5.5097	.46138	.10432	.33075	2.2579	.11891	8.6931
#1	.04191	.01036	2.1639	.04261	.04140	2.0792	.22757	.12969
#2	.04228	.01152	2.1827	.04267	.04117	2.1753	.22750	.11697
#3	.04222	.01069	2.1675	.04270	.04140	2.1289	.22707	.10927
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01649	.42770	.04111	.04555	.01692	.0198	.02205	F 3.3090
Stddev	.00301	.00392	.00094	.00117	.00109	.0007	.00012	.0603
%RSD	18.259	.91640	2.2755	2.5675	6.4253	3.546	.53371	1.8233
#1	.01591	.42658	.04193	.04469	.01687	.0190	.02214	3.3124
#2	.01974	.42447	.04133	.04508	.01803	.0199	.02191	3.2470
#3	.01380	.43206	.04009	.04688	.01586	.0204	.02209	3.3675

Sample Name: LLCCV01 Acquired: 4/17/2019 11:52:50 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2967
Stddev 1.5084
%RSD 65.676

#1 1.1678
#2 1.7125
#3 4.0098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4923.6	60408.	6312.6	77.766	5330.1
Stddev	11.2	199.	20.6	1.177	5.4
%RSD	.22770	.32967	.32699	1.5135	.10046

#1	4916.7	60284.	6290.4	76.445	5330.4
#2	4936.6	60302.	6331.2	78.148	5335.3
#3	4917.6	60637.	6316.3	78.705	5324.6

Sample Name: CCB01 Acquired: 4/17/2019 11:57:14 Type: Unk
Method: P4-ICP2(v3057) 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	.00157	.00139	-.00074	.00004	-.00004	-.01756	.00074	-.00004
Stddev	.00123	.00042	.00050	.00023	.00068	.00803	.00015	.00007
%RSD	78.295	29.994	67.787	584.51	1731.3	45.747	19.907	173.52
#1	.00166	.00180	-.00103	-.00005	-.00080	-.01606	.00090	.00003
#2	.00276	.00096	-.00104	-.00013	.00021	-.01038	.00067	-.00012
#3	.00030	.00141	-.00016	.00030	.00048	-.02623	.00064	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00563	.00022	.00012	.00016	.00017	.00003	-.00497
Stddev	.00003	.00583	.00027	.00011	.00005	.00037	.00008	.03564
%RSD	856.50	103.53	123.03	89.004	34.385	223.37	248.41	716.45
#1	.00004	-.01228	.00036	.00000	.00021	-.00015	-.00006	-.04366
#2	-.00003	-.00318	.00040	.00021	.00010	.00007	.00008	.02652
#3	-.00000	-.00142	-.00009	.00014	.00016	.00058	.00008	.00222
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00001	-.02456	-.00001	-.00071	-.03242	-.00001	-.00601
Stddev	.00014	.00035	.00900	.00017	.00009	.03542	.00016	.01078
%RSD	142.93	3342.9	36.633	1766.0	13.140	109.24	2022.3	179.41
#1	-.00016	.00038	-.03249	.00007	-.00065	-.00081	-.00014	-.00911
#2	-.00020	-.00012	-.02639	.00011	-.00066	-.07070	-.00005	-.01490
#3	.00006	-.00029	-.01479	-.00021	-.00081	-.02576	.00017	.00598
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	-.00464	-.00131	-.00025	-.00502	-.0021	-.00006	F 3.3426
Stddev	.00233	.00119	.00021	.00075	.00097	.0006	.00002	.0535
%RSD	73.020	25.685	15.838	304.90	19.262	26.59	37.373	1.5993
#1	-.00054	-.00423	-.00142	-.00032	-.00531	-.0026	-.00005	3.3049
#2	-.00412	-.00598	-.00107	.00054	-.00394	-.0024	-.00008	3.3192
#3	-.00492	-.00371	-.00143	-.00095	-.00581	-.0015	-.00004	3.4038

Sample Name: CCB01 Acquired: 4/17/2019 11:57:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3605
Stddev 1.4995
%RSD 44.622

#1 2.1941
#2 2.8356
#3 5.0520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4926.6	60358.	6280.6	77.767	5385.6
Stddev	14.4	143.	44.7	.407	8.9
%RSD	.29322	.23622	.71178	.52281	.16537

#1	4910.8	60369.	6256.5	77.691	5377.7
#2	4939.1	60210.	6253.2	77.405	5395.2
#3	4929.8	60495.	6332.2	78.207	5383.9

Sample Name: K2197-05 Acquired: 4/17/2019 13:08:39 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01744	.00348	.50915	.02487	.00708	136.32	.75447
Stddev	.00238	.00069	.00208	.00301	.00035	.22	.00341
%RSD	13.635	19.819	.40864	12.088	4.8946	.16504	.45143

#1	.01582	.00277	.51067	.02383	.00728	136.36	.75401
#2	.01632	.00352	.51000	.02251	.00668	136.52	.75808
#3	.02017	.00415	.50678	.02825	.00727	136.08	.75132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01179	.00468	207.60	.20930	.13473	.34389	206.28
Stddev	.00008	.00009	.40	.00060	.00101	.00064	.87
%RSD	.65012	1.8464	.19353	.28652	.74681	.18623	.42137

#1	.01184	.00468	208.00	.20999	.13579	.34414	206.24
#2	.01182	.00477	207.61	.20905	.13460	.34436	207.17
#3	.01170	.00460	207.20	.20887	.13379	.34316	205.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6001	112.95	.21411	-.01041	6.9068	.42068	.91300
Stddev	.0043	.34	.00115	.00005	.0427	.00033	.00627
%RSD	.11945	.30398	.53740	.52221	.61834	.07962	.68682

#1	3.5952	112.56	.21536	-.01041	6.8600	.42035	.91874
#2	3.6030	113.21	.21389	-.01036	6.9436	.42066	.91395
#3	3.6021	113.08	.21309	-.01047	6.9166	.42102	.90631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.858	.00218	.14291	6.8917	5.3279	.02387	7.0977
Stddev	.144	.00024	.00805	.0439	.0652	.00142	.0051
%RSD	.53720	11.163	5.6354	.63693	1.2237	5.9685	.07179

#1	26.755	.00244	.13816	6.9258	5.3897	.02550	7.0938
#2	27.023	.00196	.15220	6.9072	5.2598	.02289	7.1035
#3	26.795	.00215	.13835	6.8422	5.3342	.02321	7.0959

Sample Name: K2197-05 Acquired: 4/17/2019 13:08:39 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20998	8.821	.39651	.17739	F<.00000
Stddev	.00054	.056	.00213	.07862	1.4588
%RSD	.25752	.6387	.53742	44.319	6.9700

#1	.20936	8.862	.39894	.09835	-20.238
#2	.21023	8.845	.39567	.25558	-22.605
#3	.21035	8.757	.39493	.17824	-19.945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5210.8	65712.	7423.4	73.367	4396.4
Stddev	28.9	133.	47.6	.092	28.0
%RSD	.55534	.20238	.64083	.12511	.63787

#1	5187.4	65590.	7379.8	73.274	4372.7
#2	5201.9	65854.	7474.1	73.371	4389.2
#3	5243.1	65693.	7416.3	73.457	4427.4

Sample Name: K2197-05DUP Acquired: 4/17/2019 13:13:06 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01979	.00396	.51948	.02617	.00762	138.81	.79248
Stddev	.00239	.00079	.00224	.00254	.00089	.20	.00262
%RSD	12.090	20.027	.43129	9.6878	11.627	.14710	.33022

#1	.01738	.00388	.52101	.02628	.00728	139.00	.79132
#2	.01983	.00321	.52052	.02358	.00696	138.83	.79065
#3	.02216	.00479	.51690	.02864	.00863	138.59	.79548

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01183	.00470	214.09	.21696	.13537	.34529	206.80
Stddev	.00011	.00025	3.56	.00124	.00054	.00039	1.07
%RSD	.93843	5.4004	1.6609	.57052	.39799	.11321	.51587

#1	.01179	.00464	211.65	.21798	.13596	.34534	208.00
#2	.01175	.00497	218.17	.21558	.13525	.34565	205.96
#3	.01196	.00447	212.44	.21733	.13490	.34487	206.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6343	114.89	.21795	-.01075	6.8378	.43555	.94125
Stddev	.0050	.22	.00070	.00056	.0353	.00126	.00094
%RSD	.13867	.19229	.31989	5.1830	.51603	.28856	.09954

#1	3.6400	114.70	.21874	-.01137	6.8026	.43416	.94212
#2	3.6307	115.13	.21765	-.01030	6.8377	.43586	.94026
#3	3.6321	114.85	.21744	-.01057	6.8731	.43661	.94137

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.269	.00203	.15233	7.1230	5.2923	.02467	7.5219
Stddev	.186	.00022	.00666	.0446	.1179	.00125	.1094
%RSD	.63550	11.068	4.3735	.62663	2.2278	5.0857	1.4546

#1	29.101	.00219	.14478	7.1656	5.2236	.02460	7.4530
#2	29.238	.00177	.15483	7.1268	5.4284	.02596	7.6480
#3	29.469	.00212	.15738	7.0766	5.2249	.02346	7.4646

Sample Name: K2197-05DUP Acquired: 4/17/2019 13:13:06 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21387	8.825	.41246	.13906	F<.00000
Stddev	.00345	.038	.01030	.07379	1.7805
%RSD	1.6141	.4334	2.4985	53.068	8.7317
#1	.21407	8.840	.40551	.08584	-18.533
#2	.21722	8.854	.42430	.10803	-22.082
#3	.21033	8.782	.40756	.22330	-20.558
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5166.6	65429.	7342.6	72.828	4346.8
Stddev	11.3	117.	105.7	1.725	7.3
%RSD	.21899	.17823	1.4395	2.3681	.16715
#1	5167.4	65296.	7389.4	72.946	4346.3
#2	5177.5	65513.	7221.6	71.048	4354.3
#3	5154.9	65477.	7416.9	74.491	4339.8

Sample Name: K2197-05LX5 Acquired: 4/17/2019 13:17:33 Type: Unk
Method: P4-ICP2(v3057) 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	.00419	.00209	.10843	.01265	.00206	30.888	.17643	.00272
Stddev	.00083	.00120	.00040	.00042	.00040	.086	.00077	.00003
%RSD	19.759	57.379	.37196	3.3346	19.397	.27818	.43806	1.1695

#1	.00345	.00079	.10882	.01252	.00229	30.817	.17553	.00273
#2	.00508	.00315	.10802	.01312	.00230	30.984	.17689	.00276
#3	.00403	.00231	.10845	.01230	.00160	30.862	.17686	.00269

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	50.958	.05087	.02750	.08339	56.538	.87797	26.251
Stddev	.00004	.565	.00024	.00018	.00029	.314	.00149	.024
%RSD	4.0897	1.1091	.47267	.66949	.34714	.55612	.16952	.09211

#1	-.00104	51.531	.05071	.02760	.08333	56.538	.87678	26.225
#2	-.00109	50.942	.05115	.02762	.08314	56.224	.87964	26.273
#3	-.00100	50.401	.05075	.02729	.08371	56.853	.87749	26.256

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04374	-.00174	2.3683	.10207	.18177	6.5994	.00018	.05969
Stddev	.00040	.00014	.0709	.00025	.00012	.0522	.00008	.00332
%RSD	.90337	8.1122	2.9921	.24042	.06350	.79125	45.863	5.5609

#1	.04403	-.00183	2.2905	.10234	.18175	6.5398	.00012	.06244
#2	.04390	-.00181	2.3852	.10185	.18190	6.6213	.00015	.06061
#3	.04329	-.00157	2.4292	.10203	.18167	6.6371	.00028	.05600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4259	1.3542	.00425	1.7510	.04707	1.760	.08864	3.3885
Stddev	.0017	.0118	.00048	.0156	.00029	.009	.00187	.0194
%RSD	.11676	.87315	11.299	.89119	.60606	.5026	2.1086	.57184

#1	1.4244	1.3584	.00458	1.7690	.04710	1.752	.09038	3.3862
#2	1.4277	1.3409	.00448	1.7432	.04677	1.770	.08886	3.4090
#3	1.4256	1.3634	.00370	1.7408	.04734	1.757	.08667	3.3704

Sample Name: K2197-05LX5 Acquired: 4/17/2019 13:17:33 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9466
Stddev 1.2597
%RSD 64.714

#1 .74171
#2 3.2547
#3 1.8433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4895.1	61399.	6576.7	76.963	4892.6
Stddev	13.8	76.	86.2	.609	3.9
%RSD	.28288	.12331	1.3101	.79171	.08028

#1	4886.7	61433.	6479.0	76.798	4891.6
#2	4911.1	61453.	6609.4	76.453	4897.0
#3	4887.6	61313.	6641.8	77.638	4889.3

Sample Name: K2197-05MS Acquired: 4/17/2019 13:21:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68065	1.9355	1.4743	1.6754	.15567	140.19	.90732
Stddev	.00244	.0046	.0010	.0022	.00084	1.38	.01027
%RSD	.35830	.23627	.06439	.13280	.53983	.98743	1.1321

#1	.68220	1.9408	1.4754	1.6753	.15532	140.56	.90601
#2	.68191	1.9326	1.4738	1.6732	.15663	138.65	.89777
#3	.67784	1.9332	1.4738	1.6777	.15506	141.34	.91819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18516	.19788	245.88	.51732	.34517	.63870	202.30
Stddev	.00059	.00032	.34	.00265	.00077	.00201	.72
%RSD	.31678	.16263	.14027	.51231	.22433	.31400	.35555

#1	.18563	.19809	245.48	.51911	.34571	.63666	202.88
#2	.18450	.19804	246.02	.51428	.34552	.64067	201.50
#3	.18535	.19751	246.13	.51857	.34428	.63879	202.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8749	112.37	.73214	.05083	9.2705	.65210	1.2023
Stddev	.0120	1.03	.00182	.00081	.0993	.00176	.0023
%RSD	.30838	.91804	.24893	1.5852	1.0712	.26915	.18889

#1	3.8799	111.97	.73365	.05099	9.2505	.65393	1.2049
#2	3.8613	111.60	.73265	.04996	9.1828	.65044	1.2010
#3	3.8836	113.55	.73011	.05155	9.3784	.65193	1.2009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.582	.32502	.45761	9.9822	3.8541	.66858	6.8593
Stddev	.387	.00148	.01397	.0445	.0620	.00389	.0137
%RSD	1.1204	.45480	3.0529	.44542	1.6083	.58218	.19923

#1	34.498	.32672	.47077	10.030	3.7896	.67296	6.8744
#2	34.244	.32408	.44295	9.9422	3.9132	.66728	6.8478
#3	35.005	.32424	.45912	9.9744	3.8594	.66551	6.8557

Sample Name: K2197-05MS Acquired: 4/17/2019 13:21:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38919	F 17.71	.67869	<.00000	F<.00000
Stddev	.00100	.07	.00152	.06659	1.8051
%RSD	.25759	.3836	.22440	35.211	7.7906
#1	.38886	17.78	.68040	-.14053	-21.091
#2	.38839	17.64	.67749	-.16182	-24.079
#3	.39031	17.70	.67817	-.26504	-24.340
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5279.8	66905.	7506.1	73.842	4310.8
Stddev	6.1	303.	51.0	.174	8.7
%RSD	.11575	.45228	.68006	.23598	.20267
#1	5281.2	66708.	7474.0	73.784	4303.1
#2	5273.2	67253.	7479.4	73.703	4309.0
#3	5285.1	66753.	7565.0	74.037	4320.3

Sample Name: K2197-05MSD Acquired: 4/17/2019 13:26:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67996	1.9370	1.4725	1.6750	.15534	139.17	.90446
Stddev	.00175	.0092	.0070	.0108	.00137	.36	.00287
%RSD	.25716	.47224	.47754	.64611	.88205	.25738	.31728

#1	.67795	1.9395	1.4782	1.6728	.15377	139.15	.90514
#2	.68083	1.9268	1.4647	1.6654	.15599	138.82	.90130
#3	.68110	1.9446	1.4747	1.6868	.15627	139.53	.90692

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18438	.19837	245.96	.51510	.34565	.64145	201.45
Stddev	.00045	.00015	.88	.00065	.00136	.00195	.85
%RSD	.24431	.07609	.35750	.12528	.39210	.30469	.42201

#1	.18419	.19838	245.23	.51507	.34639	.64175	201.81
#2	.18489	.19852	246.94	.51576	.34408	.63936	200.48
#3	.18405	.19822	245.73	.51447	.34647	.64323	202.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8577	112.26	.73494	.05009	9.2153	.65043	1.2001
Stddev	.0032	.23	.00240	.00074	.0554	.00239	.0010
%RSD	.08361	.20546	.32634	1.4688	.60136	.36755	.07889

#1	3.8561	112.06	.73534	.05071	9.1802	.65197	1.2008
#2	3.8614	112.20	.73236	.05027	9.1864	.65165	1.1990
#3	3.8555	112.51	.73711	.04928	9.2792	.64768	1.2005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.472	.32502	.46624	F 10.003	3.8409	.66895	6.8232
Stddev	.115	.00104	.01565	.072	.0241	.00334	.0239
%RSD	.33432	.32032	3.3558	.72423	.62668	.49854	.34974

#1	34.404	.32558	.46956	10.011	3.8581	.66876	6.8481
#2	34.408	.32381	.44919	9.9270	3.8511	.66571	6.8210
#3	34.605	.32565	.47995	10.071	3.8134	.67238	6.8005

Sample Name: K2197-05MSD Acquired: 4/17/2019 13:26:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38417	F 17.60	.67773	<.00000	F<.00000
Stddev	.00156	.09	.00284	.01878	.94167
%RSD	.40493	.5026	.41833	119.96	3.8025
#1	.38314	17.63	.67676	-.02737	-25.436
#2	.38341	17.51	.68093	.00601	-23.688
#3	.38596	17.68	.67551	-.02561	-25.170
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5278.2	67176.	7549.7	73.441	4303.7
Stddev	10.2	108.	30.5	1.822	4.4
%RSD	.19363	.16141	.40438	2.4803	.10184
#1	5277.3	67051.	7537.1	73.607	4303.6
#2	5268.5	67244.	7527.6	71.542	4299.3
#3	5288.9	67233.	7584.6	75.174	4308.1

Sample Name: K2197-05A Acquired: 4/17/2019 13:30:30 Type: Unk
Method: P4-ICP2(v3057) 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	.66647	1.8827	1.4275	1.6442	.14943	136.21	.88422
Stddev	.00211	.0107	.0042	.0050	.00131	.76	.00305
%RSD	.31732	.56932	.29264	.30722	.87887	.55569	.34445

#1	.66544	1.8921	1.4294	1.6477	.15034	135.84	.88243
#2	.66507	1.8848	1.4304	1.6465	.14792	135.71	.88249
#3	.66890	1.8710	1.4227	1.6384	.15002	137.08	.88774

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18062	.19138	249.20	.50430	.33331	.64250	198.00
Stddev	.00049	.00080	1.29	.00131	.00112	.00247	1.35
%RSD	.27394	.41638	.51641	.25954	.33576	.38393	.68207

#1	.18010	.19199	249.55	.50279	.33369	.64261	197.36
#2	.18068	.19167	250.27	.50492	.33419	.64492	197.09
#3	.18108	.19048	247.77	.50517	.33205	.63999	199.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7380	110.12	.71511	.04956	8.9957	.63896	1.1538
Stddev	.0058	.70	.00383	.00034	.0321	.00277	.0045
%RSD	.15488	.63774	.53621	.68012	.35702	.43372	.39331

#1	3.7368	109.85	.71595	.04986	8.9675	.63585	1.1574
#2	3.7329	109.60	.71845	.04963	8.9890	.64117	1.1554
#3	3.7443	110.92	.71092	.04919	9.0307	.63986	1.1487

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.754	.31783	.43080	9.9021	3.6254	.64860	6.6887
Stddev	.175	.00140	.00401	.0630	.0355	.00337	.0205
%RSD	.51702	.44048	.93024	.63607	.97945	.51908	.30613

#1	33.661	.31789	.42912	9.9488	3.6426	.65184	6.6783
#2	33.645	.31921	.43538	9.9270	3.6491	.64882	6.7123
#3	33.955	.31641	.42791	9.8305	3.5846	.64512	6.6755

Sample Name: K2197-05A Acquired: 4/17/2019 13:30:30 Type: Unk
Method: P4-ICP2(v3057) 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	.37664	F 16.80	.68324	<.00000	F<.00000
Stddev	.00302	.13	.00501	.07486	2.2165
%RSD	.80143	.7593	.73296	23.999	9.1947
#1	.37320	16.91	.68297	-.29362	-25.322
#2	.37792	16.83	.68838	-.24795	-25.448
#3	.37881	16.66	.67838	-.39427	-21.548
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5334.4	67623.	7613.7	74.926	4399.0
Stddev	19.4	293.	34.2	1.037	19.0
%RSD	.36406	.43401	.44877	1.3842	.43271
#1	5314.7	67528.	7601.0	76.122	4381.3
#2	5335.1	67952.	7587.6	74.389	4396.6
#3	5353.5	67388.	7652.4	74.268	4419.2

Sample Name: CCV02 Acquired: 4/17/2019 13:34:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14849 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0576	5.0653	4.9975	5.0724	5.0382	9.7164	10.013	.25095
Stddev	.0117	.0180	.0052	.0136	.0104	.0734	.046	.00101
%RSD	.23073	.35545	.10312	.26896	.20612	.75585	.46055	.40272
#1	5.0612	5.0764	5.0025	5.0691	5.0477	9.6409	9.9746	.25193
#2	5.0446	5.0445	4.9922	5.0608	5.0271	9.7876	10.064	.24991
#3	5.0671	5.0750	4.9977	5.0874	5.0398	9.7205	10.001	.25100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4484	24.800	.97606	2.4946	1.2470	4.9796	2.5402	25.022
Stddev	.0033	.112	.00160	.0024	.0015	.0068	.0010	.194
%RSD	.13486	.45134	.16372	.09450	.12031	.13707	.03935	.77540
#1	2.4508	24.791	.97770	2.4965	1.2468	4.9774	2.5404	24.834
#2	2.4446	24.692	.97598	2.4919	1.2456	4.9741	2.5391	25.222
#3	2.4498	24.916	.97450	2.4953	1.2486	4.9873	2.5411	25.010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4614	1.2438	24.532	2.4445	2.5102	25.260	5.1316	5.0011
Stddev	.0031	.0033	.118	.0017	.0033	.084	.0034	.0502
%RSD	.12627	.26737	.48200	.07086	.12991	.33089	.06571	1.0037
#1	2.4644	1.2463	24.436	2.4458	2.5130	25.205	5.1315	4.9527
#2	2.4582	1.2400	24.664	2.4426	2.5066	25.356	5.1283	5.0529
#3	2.4616	1.2450	24.495	2.4452	2.5110	25.220	5.1350	4.9978
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0878	4.9370	4.9874	5.0016	4.7553	5.065	4.9385	4.7526
Stddev	.0062	.0442	.0085	.0057	.0267	.017	.0510	.0308
%RSD	.12175	.89458	.16959	.11410	.56182	.3374	1.0320	.64834
#1	5.0923	4.9776	4.9913	5.0011	4.7770	5.075	4.9765	4.7877
#2	5.0904	4.8900	4.9777	4.9961	4.7254	5.045	4.8806	4.7402
#3	5.0808	4.9435	4.9931	5.0075	4.7635	5.076	4.9584	4.7300

Sample Name: CCV02 Acquired: 4/17/2019 13:34:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14849 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8528
Stddev	.7578
%RSD	40.900

#1	2.2603
#2	2.3195
#3	.97841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4743.0	59244.	6391.1	76.661	4802.1
Stddev	6.6	169.	77.3	1.797	9.0
%RSD	.13867	.28575	1.2101	2.3439	.18818

#1	4735.4	59054.	6311.6	74.974	4791.7
#2	4747.1	59300.	6466.1	78.550	4807.0
#3	4746.5	59379.	6395.7	76.458	4807.7

Sample Name: CCB02 Acquired: 4/17/2019 13:38:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14849 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	.00151	-.00010	-.00166	.00042	-.00794	.00096	-.00005
Stddev	.00144	.00018	.00020	.00160	.00034	.00720	.00036	.00008
%RSD	71.446	12.080	212.76	96.289	81.015	90.628	37.175	161.97
#1	-.00139	.00165	-.00010	.00003	.00082	-.01147	.00094	-.00013
#2	-.00366	.00158	-.00030	-.00186	.00022	-.01270	.00133	-.00004
#3	-.00099	.00130	.00011	-.00315	.00023	.00034	.00061	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00984	-.00015	.00013	-.00004	.00114	.00015	-.02724
Stddev	.00006	.00365	.00030	.00008	.00028	.00064	.00006	.04050
%RSD	429.08	37.073	202.10	61.652	665.42	56.627	37.871	148.67
#1	-.00008	.01084	-.00002	.00006	-.00032	.00126	.00021	.00482
#2	-.00000	.00580	-.00049	.00022	-.00004	.00171	.00014	-.01379
#3	.00004	.01289	.00007	.00011	.00024	.00044	.00009	-.07275
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00032	.47041	-.00019	-.00073	.14131	.00026	.00117
Stddev	.00060	.00009	.02141	.00018	.00007	.03937	.00004	.01265
%RSD	195.26	28.589	4.5518	95.723	9.5033	27.864	17.231	1084.9
#1	.00060	-.00022	.44943	-.00009	-.00081	.11551	.00022	-.00826
#2	.00070	-.00034	.46958	-.00008	-.00070	.18663	.00031	-.00378
#3	-.00038	-.00040	.49223	-.00039	-.00068	.12179	.00024	.01555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01410	.00113	-.00066	.00033	-.00413	-.0016	.00008	F 3.6229
Stddev	.00225	.00125	.00053	.00209	.00077	.0010	.00002	.1511
%RSD	15.929	110.12	81.120	636.38	18.687	65.59	23.147	4.1704
#1	.01572	.00251	-.00059	.00195	-.00500	-.0017	.00009	3.6746
#2	.01153	.00008	-.00016	-.00203	-.00388	-.0005	.00006	3.4527
#3	.01504	.00081	-.00122	.00107	-.00352	-.0026	.00010	3.7414

Sample Name: CCB02 Acquired: 4/17/2019 13:38:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14849 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0004
Stddev .5305
%RSD 26.518

#1 1.4902
#2 1.9618
#3 2.5491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4934.0	61686.	6434.1	78.763	5423.7
Stddev	16.5	221.	19.4	.422	3.4
%RSD	.33409	.35873	.30081	.53516	.06321

#1	4920.5	61525.	6415.5	78.277	5420.1
#2	4952.3	61594.	6454.1	79.034	5427.0
#3	4929.0	61938.	6432.6	78.977	5424.1

Sample Name: LR CHECK 1 Acquired: 4/17/2019 13:42:42 Type: Unk
Method: P4-ICP2(v3057) 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	-.14080	.06326	.10465	-.21543	.08607	1885.7	.01488	.04838
Stddev	.00663	.00214	.00459	.01175	.00320	17.1	.00039	.00032
%RSD	4.7095	3.3793	4.3897	5.4520	3.7167	.90537	2.6218	.65309

#1	-.13339	.06560	.10968	-.22347	.08967	1898.4	.01443	.04844
#2	-.14283	.06278	.10360	-.22087	.08499	1892.3	.01507	.04803
#3	-.14618	.06141	.10067	-.20195	.08356	1866.2	.01514	.04865

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15345	1735.7	-.04948	.09097	.10117	810.85	.00106	1977.8
Stddev	.00106	17.9	.00064	.00007	.00061	2.74	.00039	3.9
%RSD	.69037	1.0300	1.3014	.07469	.60316	.33840	36.395	.19715

#1	.15301	1735.2	-.04878	.09104	.10185	808.41	.00139	1982.2
#2	.15465	1753.9	-.05004	.09090	.10067	813.82	.00064	1976.3
#3	.15267	1718.1	-.04961	.09097	.10100	810.32	.00115	1974.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02400	-.22631	1974.9	.01196	.23140	922.27	-.01341	-1.0120
Stddev	.00149	.00148	17.9	.00095	.00273	6.20	.00125	.0164
%RSD	6.2033	.65322	.90716	7.9659	1.1805	.67275	9.3199	1.6154

#1	-.02298	-.22552	1983.1	.01086	.23420	926.75	-.01476	-1.0127
#2	-.02571	-.22540	1954.3	.01259	.22875	915.19	-.01230	-1.0280
#3	-.02331	-.22802	1987.2	.01243	.23124	924.87	-.01318	-.99534

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47489	-.00910	.04123	-.05582	.08937	.0575	-.87619	<.00000
Stddev	.01161	.00268	.00045	.00021	.00233	.0040	.00300	.07609
%RSD	2.4440	29.406	1.0818	.37887	2.6062	6.980	.34255	1.4121

#1	.48816	-.01185	.04085	-.05581	.09122	.0616	-.87355	-5.4134
#2	.46993	-.00651	.04111	-.05604	.09013	.0573	-.87946	-5.4490
#3	.46660	-.00893	.04172	-.05562	.08675	.0536	-.87556	-5.3030

Sample Name: LR CHECK 1 Acquired: 4/17/2019 13:42:42 Type: Unk
Method: P4-ICP2(v3057) 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	3192.8	41641.	5475.6	56.711	2535.2
Stddev	1.8	130.	23.5	1.174	9.3
%RSD	.05720	.31326	.42928	2.0696	.36712

#1	3191.3	41559.	5475.1	56.652	2538.8
#2	3192.3	41791.	5452.3	57.913	2524.7
#3	3194.9	41573.	5499.3	55.567	2542.2

Sample Name: LR CHECK 2 Acquired: 4/17/2019 13:47:42 Type: Unk
Method: P4-ICP2(v3057) 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	-.00029	-.01658	228.79	.02232	-.03289	-.16357	92.628	-.00098
Stddev	.00157	.00089	.16	.00149	.00152	.01374	.654	.00001
%RSD	534.61	5.3652	.06796	6.6685	4.6235	8.3987	.70657	.97233

#1	-.00174	-.01756	228.65	.02226	-.03430	-.14821	91.984	-.00098
#2	-.00052	-.01635	228.76	.02085	-.03311	-.16780	93.293	-.00099
#3	.00138	-.01583	228.96	.02383	-.03128	-.17469	92.606	-.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00683	.33327	-.12655	-.00794	253.10	-.55748	42.765	.07310
Stddev	.00003	.01433	.00038	.00013	1.27	.01311	.203	.01769
%RSD	.37300	4.2991	.29985	1.6486	.50142	2.3518	.47417	24.200

#1	-.00683	.34896	-.12647	-.00783	251.91	-.54238	42.804	.07273
#2	-.00680	.32996	-.12697	-.00789	254.43	-.56604	42.945	.09097
#3	-.00685	.32089	-.12622	-.00808	252.97	-.56401	42.545	.05560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.008	.00870	1.2568	-.06033	34.278	.60827	-.01085	-.01456
Stddev	.151	.00034	.0170	.00063	.008	.00903	.00024	.00738
%RSD	.30792	3.9344	1.3530	1.0386	.02430	1.4845	2.1779	50.669

#1	48.850	.00894	1.2455	-.06105	34.288	.60092	-.01061	-.01034
#2	49.151	.00885	1.2764	-.06003	34.274	.60553	-.01109	-.01026
#3	49.024	.00831	1.2485	-.05990	34.274	.61835	-.01084	-.02308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10831	-.00790	-.00173	.02452	-.00749	-.1696	.00232	5.1745
Stddev	.00184	.00136	.00015	.00091	.00074	.0068	.00003	.1832
%RSD	1.6954	17.164	8.4956	3.6968	9.8227	3.992	1.2530	3.5399

#1	.10803	-.00911	-.00159	.02538	-.00781	-.1654	.00229	5.1534
#2	.11027	-.00643	-.00188	.02461	-.00665	-.1661	.00235	5.3672
#3	.10663	-.00814	-.00173	.02357	-.00802	-.1775	.00232	5.0027

Sample Name: LR CHECK 2 Acquired: 4/17/2019 13:47:42 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .82790
 Stddev .91335
 %RSD 110.32

#1 -.20141
 #2 1.1435
 #3 1.5416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4646.4	61679.	6493.7	77.814	4968.4
Stddev	8.1	161.	22.5	.433	9.8
%RSD	.17488	.26134	.34603	.55629	.19702

#1	4647.2	61544.	6509.2	78.264	4975.2
#2	4637.9	61636.	6467.9	77.400	4957.2
#3	4654.1	61857.	6503.9	77.780	4972.7

Sample Name: K2197-07 Acquired: 4/17/2019 13:52:20 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06155	.00533	.95238	.02860	.00995	144.69	.83339
Stddev	.00126	.00135	.00367	.00278	.00119	.49	.00392
%RSD	2.0397	25.216	.38581	9.7331	11.994	.34100	.47088

#1	.06014	.00682	.95634	.02579	.00901	145.02	.83745
#2	.06199	.00420	.95170	.03135	.00956	144.12	.82962
#3	.06253	.00499	.94908	.02866	.01130	144.91	.83309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01276	.00622	174.67	.20744	.14118	.58444	221.61
Stddev	.00003	.00022	1.23	.00029	.00028	.00083	.87
%RSD	.23623	3.6027	.70673	.14039	.19963	.14199	.39175

#1	.01279	.00646	175.03	.20752	.14146	.58512	221.51
#2	.01273	.00619	173.30	.20712	.14090	.58468	220.79
#3	.01276	.00601	175.68	.20769	.14120	.58352	222.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3590	100.44	.22509	-.01234	5.1071	.41387	1.1755
Stddev	.0297	.29	.00154	.00035	.0313	.00209	.0022
%RSD	.68124	.29124	.68507	2.8728	.61249	.50503	.18499

#1	4.3932	100.74	.22655	-.01272	5.1125	.41283	1.1770
#2	4.3415	100.40	.22525	-.01203	5.0735	.41628	1.1764
#3	4.3421	100.16	.22348	-.01227	5.1354	.41251	1.1730

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.566	.00601	.12965	8.6348	3.7338	.14871	6.5757
Stddev	.124	.00037	.00971	.0315	.0774	.00086	.0565
%RSD	.43240	6.2281	7.4897	.36495	2.0727	.57661	.85894

#1	28.706	.00605	.12978	8.6361	3.6452	.14966	6.6006
#2	28.517	.00562	.11987	8.6657	3.7679	.14845	6.5110
#3	28.474	.00637	.13929	8.6027	3.7883	.14801	6.6154

Sample Name: K2197-07 Acquired: 4/17/2019 13:52:20 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19402	9.930	.25863	<.00000	F<.00000
Stddev	.00112	.039	.00245	.12496	1.0098
%RSD	.57704	.3968	.94612	84.446	3.6018

#1	.19504	9.888	.26060	-.00655	-28.226
#2	.19282	9.966	.25589	-.24347	-28.939
#3	.19420	9.935	.25938	-.19390	-26.946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5289.7	67677.	7587.3	74.922	4413.2
Stddev	2.2	54.	33.9	1.830	8.6
%RSD	.04170	.07978	.44692	2.4423	.19412

#1	5291.7	67614.	7596.6	75.981	4407.9
#2	5287.3	67706.	7615.7	75.977	4408.6
#3	5290.2	67710.	7549.8	72.809	4423.1

Sample Name: K2197-09 Acquired: 4/17/2019 13:56:53 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03163	.00418	1.0005	.02856	.00885	136.78	.92915
Stddev	.00180	.00077	.0027	.00169	.00016	.22	.00336
%RSD	5.6780	18.471	.27437	5.9154	1.8535	.16272	.36196

#1	.03200	.00368	.99971	.02959	.00867	136.53	.92623
#2	.03321	.00507	1.0036	.02948	.00889	136.87	.93283
#3	.02968	.00379	.99825	.02661	.00899	136.95	.92840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01227	.00402	161.63	.21634	.15494	.62112	207.35
Stddev	.00005	.00023	.66	.00105	.00027	.00177	1.15
%RSD	.42333	5.7515	.40800	.48614	.17534	.28534	.55446

#1	.01224	.00428	162.35	.21516	.15519	.62315	206.11
#2	.01223	.00392	161.05	.21670	.15499	.61989	207.55
#3	.01233	.00386	161.50	.21717	.15465	.62031	208.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5151	83.698	.22973	-.01117	7.4572	.40959	1.1399
Stddev	.0028	.483	.00046	.00042	.0444	.00099	.0014
%RSD	.08014	.57664	.20054	3.7424	.59544	.24283	.12256

#1	3.5142	83.199	.23024	-.01145	7.4097	.40914	1.1413
#2	3.5182	84.163	.22935	-.01138	7.4977	.40890	1.1398
#3	3.5128	83.733	.22959	-.01069	7.4642	.41073	1.1385

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.423	.00374	.15127	F 10.864	3.7763	.02767	6.3430
Stddev	.148	.00011	.00778	.027	.0285	.00123	.0214
%RSD	.63377	2.8344	5.1452	.24539	.75614	4.4546	.33773

#1	23.270	.00361	.14802	10.859	3.8036	.02908	6.3593
#2	23.566	.00380	.16015	10.892	3.7787	.02713	6.3187
#3	23.434	.00380	.14563	10.840	3.7466	.02680	6.3510

Sample Name: K2197-09 Acquired: 4/17/2019 13:56:53 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16243	F 10.24	.38715	.20174	F<.00000
Stddev	.00166	.04	.00400	.15786	2.0617
%RSD	1.0237	.4033	1.0324	78.251	9.1986
#1	.16433	10.26	.39168	.38326	-24.136
#2	.16168	10.26	.38411	.09662	-22.974
#3	.16126	10.19	.38567	.12532	-20.129
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5299.0	67348.	7581.6	74.988	4464.6
Stddev	7.0	57.	69.2	.286	4.3
%RSD	.13200	.08502	.91213	.38207	.09542
#1	5293.8	67303.	7507.9	75.214	4465.5
#2	5296.3	67412.	7645.1	75.083	4460.0
#3	5307.0	67328.	7591.9	74.666	4468.3

Sample Name: K2197-11 Acquired: 4/17/2019 14:01:18 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02149	.00682	.62486	.02348	.00823	122.99	.66773
Stddev	.00391	.00079	.00073	.00206	.00083	.99	.00571
%RSD	18.185	11.504	.11761	8.7772	10.036	.80884	.85579

#1	.02025	.00771	.62527	.02486	.00739	123.18	.66813
#2	.02587	.00654	.62401	.02111	.00904	123.88	.67323
#3	.01836	.00622	.62530	.02447	.00827	121.92	.66182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01067	.00198	223.16	.16543	.10961	.31643	187.59
Stddev	.00018	.00007	.82	.00051	.00048	.00218	.39
%RSD	1.7149	3.6803	.36726	.30948	.44225	.68776	.21052

#1	.01049	.00200	222.68	.16574	.11006	.31880	187.70
#2	.01085	.00204	224.11	.16571	.10909	.31452	187.92
#3	.01068	.00190	222.70	.16484	.10968	.31597	187.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5597	73.925	.16433	-.01029	7.1693	.33038	.78309
Stddev	.0228	.355	.00067	.00021	.0639	.00154	.00118
%RSD	.63946	.47994	.40986	2.0408	.89096	.46605	.15034

#1	3.5712	73.881	.16479	-.01030	7.1921	.32927	.78341
#2	3.5745	74.300	.16356	-.01007	7.2187	.33214	.78179
#3	3.5335	73.595	.16465	-.01049	7.0972	.32974	.78408

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.372	.00422	.09331	5.8190	4.9687	.02152	4.1373
Stddev	.158	.00034	.01585	.0428	.0389	.00131	.0120
%RSD	1.0246	8.0011	16.992	.73580	.78249	6.1101	.28957

#1	15.339	.00461	.07781	5.8393	4.9735	.02001	4.1280
#2	15.544	.00397	.09261	5.7699	4.9276	.02210	4.1508
#3	15.234	.00409	.10950	5.8480	5.0049	.02244	4.1331

Sample Name: K2197-11 Acquired: 4/17/2019 14:01:18 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12268	6.238	.63128	1.5529	F<.00000
Stddev	.00064	.046	.00269	.1790	1.5193
%RSD	.52505	.7364	.42677	11.524	9.8720

#1	.12236	6.258	.63006	1.6178	-14.230
#2	.12342	6.186	.63437	1.6903	-17.110
#3	.12225	6.271	.62941	1.3505	-14.830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5105.3	65569.	7384.1	75.050	4441.4
Stddev	4.9	437.	7.7	1.540	4.1
%RSD	.09525	.66663	.10393	2.0515	.09336

#1	5106.5	65262.	7375.5	76.797	4443.9
#2	5109.4	65375.	7390.3	73.891	4443.8
#3	5099.9	66069.	7386.5	74.462	4436.7

Sample Name: K2197-13 Acquired: 4/17/2019 14:05:44 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01222	.00445	.55219	.02477	.00980	139.56	.79826
Stddev	.00201	.00110	.00423	.00070	.00142	.47	.00312
%RSD	16.486	24.814	.76569	2.8225	14.526	.33562	.39038

#1	.01079	.00477	.55001	.02399	.01127	140.11	.80034
#2	.01452	.00322	.55706	.02495	.00842	139.29	.79468
#3	.01135	.00537	.54950	.02535	.00972	139.30	.79976

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01278	.00349	208.16	.19234	.17075	.43761	220.84
Stddev	.00014	.00019	.41	.00068	.00090	.00059	.58
%RSD	1.0777	5.5789	.19600	.35469	.52846	.13476	.26484

#1	.01264	.00336	208.12	.19227	.17071	.43776	220.64
#2	.01277	.00341	207.78	.19169	.17167	.43811	221.49
#3	.01292	.00372	208.59	.19305	.16987	.43696	220.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7202	122.22	.25299	-.01160	5.8532	.46981	.67000
Stddev	.0040	.99	.00104	.00055	.0186	.00109	.00017
%RSD	.10660	.80922	.41127	4.7395	.31826	.23291	.02536

#1	3.7221	123.35	.25361	-.01206	5.8547	.47093	.67019
#2	3.7157	121.52	.25357	-.01099	5.8339	.46874	.66993
#3	3.7229	121.79	.25179	-.01174	5.8711	.46976	.66988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.644	.01938	.10413	7.2310	3.7019	.01939	7.5178
Stddev	.197	.00037	.00451	.0368	.0597	.00064	.0050
%RSD	.68784	1.9185	4.3340	.50891	1.6139	3.2956	.06715

#1	28.823	.01939	.09891	7.2034	3.7323	.01882	7.5223
#2	28.433	.01975	.10673	7.2728	3.6330	.01927	7.5123
#3	28.676	.01901	.10673	7.2168	3.7403	.02008	7.5187

Sample Name: K2197-13 Acquired: 4/17/2019 14:05:44 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20338	F 10.13	.42481	.71976	F<.00000
Stddev	.00073	.04	.00272	.05295	1.4336
%RSD	.35679	.4205	.64024	7.3568	5.8028

#1	.20268	10.11	.42468	.78088	-23.544
#2	.20333	10.18	.42215	.68770	-26.308
#3	.20413	10.11	.42759	.69070	-24.266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5147.4	65972.	7450.9	73.321	4358.4
Stddev	14.8	233.	6.6	1.692	11.0
%RSD	.28759	.35334	.08801	2.3081	.25202

#1	5147.3	65705.	7453.7	73.662	4353.2
#2	5132.6	66076.	7443.4	74.817	4351.0
#3	5162.2	66134.	7455.5	71.484	4371.0

Sample Name: K2198-03 Acquired: 4/17/2019 14:10:09 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6701	.01260	.47433	.01087	.00925	111.68	.47077	.00915
Stddev	.0100	.00113	.00244	.00140	.00019	.11	.00133	.00025
%RSD	.37513	8.9589	.51494	12.831	2.0670	.10294	.28303	2.7168
#1	2.6678	.01275	.47369	.01191	.00909	111.57	.47103	.00937
#2	2.6811	.01140	.47227	.00929	.00918	111.69	.46932	.00918
#3	2.6614	.01364	.47703	.01142	.00946	111.80	.47194	.00888
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	F 2166.2	.09951	.08585	.23577	167.36	11.130	517.85
Stddev	.00023	9.0	.00083	.00029	.00081	.24	.029	2.23
%RSD	2.9790	.41336	.83710	.33464	.34496	.14215	.26146	.43034
#1	.00742	2156.5	.09856	.08569	.23555	167.47	11.142	515.41
#2	.00770	2168.0	.10008	.08567	.23509	167.52	11.096	518.35
#3	.00787	2174.2	.09989	.08618	.23667	167.09	11.150	519.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14238	-.01025	8.8230	.31103	1.4643	7.1566	.00120	.09535
Stddev	.00110	.00016	.1190	.00061	.0052	.0950	.00039	.02310
%RSD	.77371	1.5747	1.3491	.19771	.35689	1.3275	32.569	24.226
#1	.14299	-.01023	8.7142	.31133	1.4591	7.0680	.00110	.08271
#2	.14111	-.01011	8.8046	.31144	1.4695	7.1449	.00087	.12201
#3	.14305	-.01043	8.9501	.31033	1.4641	7.2569	.00163	.08132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0339	2.2663	.01147	1.6730	.21600	5.345	6.8082	4.5717
Stddev	.0532	.0059	.00021	.0046	.00202	.018	.0050	.2561
%RSD	.66207	.25882	1.8008	.27256	.93530	.3468	.07340	5.6020
#1	7.9773	2.2645	.01134	1.6702	.21822	5.324	6.8093	4.6009
#2	8.0828	2.2615	.01136	1.6783	.21426	5.360	6.8028	4.3023
#3	8.0417	2.2728	.01171	1.6705	.21553	5.350	6.8126	4.8120

Sample Name: K2198-03 Acquired: 4/17/2019 14:10:09 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-041619 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.240
Stddev	2.132
%RSD	13.129

#1	15.580
#2	18.624
#3	14.515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4330.8	56572.	6923.0	66.146	3453.7
Stddev	7.4	42.	14.8	.672	10.7
%RSD	.17161	.07512	.21373	1.0167	.31101

#1	4324.2	56620.	6914.9	66.478	3461.2
#2	4329.5	56554.	6940.1	66.588	3441.4
#3	4338.8	56541.	6914.1	65.372	3458.5

Sample Name: K2430-01 Acquired: 4/17/2019 14:14:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	.00172	.02150	.02000	.00221	28.347	.37470
Stddev	.00158	.00107	.00079	.00146	.00038	.172	.00319
%RSD	59.755	62.467	3.6852	7.3180	17.014	.60733	.85107

#1	.00350	.00159	.02119	.02149	.00195	28.155	.37105
#2	.00082	.00072	.02091	.01856	.00204	28.398	.37694
#3	.00360	.00285	.02240	.01996	.00264	28.488	.37612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	-.00026	49.018	.04911	.04060	.08011	118.33
Stddev	.00012	.00006	.100	.00089	.00039	.00027	.56
%RSD	2.0488	22.253	.20371	1.8175	.96812	.33668	.46929

#1	.00597	-.00024	48.918	.04880	.04079	.08041	118.26
#2	.00573	-.00022	49.118	.05012	.04015	.08003	117.82
#3	.00583	-.00033	49.019	.04842	.04086	.07988	118.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5767	19.481	.02601	-.00568	2.6647	.07020	.63180
Stddev	.0052	.168	.00042	.00027	.0360	.00050	.00118
%RSD	.32933	.86004	1.6267	4.8246	1.3496	.71929	.18715

#1	1.5812	19.295	.02647	-.00579	2.6233	.07032	.63242
#2	1.5780	19.621	.02590	-.00588	2.6832	.07063	.63255
#3	1.5710	19.527	.02565	-.00537	2.6877	.06964	.63044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8883	.00328	.08635	7.5972	1.3025	.00179	1.8278
Stddev	.0962	.00031	.00769	.0201	.0225	.00044	.0198
%RSD	.97289	9.5131	8.9086	.26443	1.7277	24.787	1.0807

#1	9.7808	.00293	.09249	7.6090	1.2845	.00129	1.8057
#2	9.9180	.00340	.07772	7.5740	1.2953	.00215	1.8438
#3	9.9662	.00352	.08883	7.6086	1.3277	.00192	1.8339

Sample Name: K2430-01 Acquired: 4/17/2019 14:14:58 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02390	8.096	.05113	<.00000	F<.00000
Stddev	.00055	.033	.00084	.32819	.82854
%RSD	2.3133	.4090	1.6503	96.850	14.714
#1	.02452	8.122	.05033	-.21453	-5.1419
#2	.02374	8.058	.05202	-.09101	-6.5877
#3	.02345	8.107	.05105	-.71106	-5.1636
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5803.2	74222.	8107.5	78.275	4921.2
Stddev	13.5	27.	29.5	.829	11.5
%RSD	.23347	.03599	.36392	1.0595	.23416
#1	5792.7	74238.	8073.5	77.467	4916.9
#2	5798.4	74236.	8126.4	79.124	4912.4
#3	5818.5	74191.	8122.5	78.235	4934.2

Sample Name: K2430-03 Acquired: 4/17/2019 14:19:18 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-CHIPS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .49292	k .14784	kF 751.18	k -.04866	kF 17.231	k 140.51	19.975
Stddev	.00436	.00052	4.04	.00051	.025	.63	.280
%RSD	.88487	.35133	.53726	1.0518	.14775	.45152	1.4021

#1	k .48791	k .14774	k 747.19	k -.04867	k 17.226	k 141.23	20.255
#2	k .49583	k .14840	k 755.26	k -.04814	k 17.259	k 140.01	19.975
#3	k .49502	k .14738	k 751.09	k -.04916	k 17.209	k 140.29	19.695

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	k .86752	k 81.112	kF 309.45	k 1.0407	k 7.3741	k 134.03
Stddev	.00008	.00169	.537	1.24	.0021	.0276	.51
%RSD	3.7229	.19425	.66180	.40108	.20608	.37355	.38122

#1	-.00225	k .86647	k 80.586	k 310.84	k 1.0385	k 7.3825	k 134.43
#2	-.00224	k .86946	k 81.659	k 309.06	k 1.0428	k 7.3964	k 134.19
#3	-.00210	k .86662	k 81.090	k 308.45	k 1.0408	k 7.3433	k 133.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4348	102.31	k .19140	k .01583	7.3861	^ *****	kF 76.533
Stddev	.0134	.17	.00086	.00067	.0282	-----	1.598
%RSD	.24594	.16588	.45137	4.2499	.38187	-----	2.0873

#1	5.4348	102.32	k .19073	k .01506	7.4169	^ -----	k 74.706
#2	5.4214	102.47	k .19110	k .01621	7.3798	^ -----	k 77.223
#3	5.4482	102.14	k .19237	k .01623	7.3615	^ -----	k 77.670

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	182.05	-.00380	k .14859	kF 50.313	^ *****	k 1.0323	k 4.9423
Stddev	.84	.00035	.02641	.100	-----	.0040	.0050
%RSD	.46064	9.3054	17.774	.19814	-----	.38445	.10055

#1	182.97	-.00414	k .11849	k 50.377	^ -----	k 1.0349	k 4.9439
#2	181.83	-.00343	k .15940	k 50.364	^ -----	k 1.0278	k 4.9463
#3	181.34	-.00382	k .16787	k 50.198	^ -----	k 1.0343	k 4.9367

Sample Name: K2430-03 Acquired: 4/17/2019 14:19:18 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PAINT-CHIPS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09720	kF 22.64	k .78727	4.5586	60.897
Stddev	.00147	.06	.00396	.0857	2.133
%RSD	1.5115	.2492	.50282	1.8798	3.5025

#1	.09586	k 22.67	k .78288	4.5698	63.339
#2	.09696	k 22.67	k .79057	4.6381	59.396
#3	.09877	k 22.57	k .78835	4.4678	59.956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.5	61627.	6357.5	71.218	4158.7
Stddev	7.7	401.	34.9	.580	10.3
%RSD	.26750	.65136	.54886	.81473	.24815

#1	2882.6	61203.	6376.2	71.576	4167.7
#2	2870.7	61679.	6317.3	71.529	4147.5
#3	2885.1	62000.	6379.1	70.548	4161.0

Sample Name: K2430-05 Acquired: 4/17/2019 14:24:29 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00366	.00051	.06934	.00356	.00298	2.7618	.04588	.00031
Stddev	.00318	.00085	.00674	.00279	.00064	.0088	.00230	.00004
%RSD	86.960	167.86	9.7146	78.374	21.442	.31854	5.0048	11.701
#1	-.00499	.00132	.07613	.00435	.00297	2.7569	.04765	.00032
#2	-.00596	-.00038	.06922	.00046	.00363	2.7719	.04670	.00026
#3	-.00003	.00058	.06266	.00586	.00235	2.7566	.04329	.00033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	9.5757	.05555	.01221	1.2538	13.710	.12457	.49871
Stddev	.00003	.0021	.00169	.00001	.0008	.011	.00064	.00934
%RSD	10.433	.02213	3.0413	.08544	.06471	.08062	.51356	1.8724
#1	-.00022	9.5774	.05726	.01220	1.2533	13.718	.12529	.50521
#2	-.00026	9.5733	.05550	.01221	1.2547	13.698	.12437	.48801
#3	-.00026	9.5763	.05388	.01222	1.2532	13.715	.12405	.50291
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01526	-.00078	.35015	.00230	9.3771	.12347	.01043	.18283
Stddev	.00009	.00019	.01299	.00015	.0251	.02424	.00006	.00701
%RSD	.62207	24.016	3.7099	6.7080	.26733	19.630	.52820	3.8347
#1	.01533	-.00087	.33864	.00222	9.3665	.11965	.01036	.17608
#2	.01531	-.00057	.34758	.00219	9.3590	.10138	.01044	.19008
#3	.01515	-.00091	.36424	.00247	9.4057	.14940	.01047	.18233
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.672	.39298	.00348	.07811	-.00559	.9051	-.00671	3.3938
Stddev	.048	.00071	.00031	.00268	.00052	.0026	.00003	.0233
%RSD	.37795	.18037	8.9702	3.4314	9.3189	.2880	.40937	.68624
#1	12.688	.39224	.00382	.08098	-.00515	.9081	-.00669	3.3785
#2	12.618	.39304	.00321	.07567	-.00616	.9039	-.00671	3.4206
#3	12.709	.39366	.00340	.07768	-.00545	.9032	-.00674	3.3822

Sample Name: K2430-05 Acquired: 4/17/2019 14:24:29 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.39275
%RSD	187.91

#1	-.60065
#2	.18484
#3	-.21121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4995.8	64465.	6881.6	84.207	5528.3
Stddev	10.4	49.	23.1	.759	9.7
%RSD	.20719	.07581	.33508	.90117	.17622

#1	4984.4	64519.	6905.0	84.364	5522.8
#2	5004.7	64451.	6858.8	84.875	5539.5
#3	4998.3	64425.	6881.1	83.382	5522.5

Sample Name: CCV03 Acquired: 4/17/2019 14:28:46 Type: Unk
Method: P4-ICP2(v3057) 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	5.1581	5.0821	5.0420	5.1584	5.1586	9.7996	10.241	.25182
Stddev	.0101	.0170	.0104	.0063	.0059	.0446	.042	.00014
%RSD	.19602	.33457	.20734	.12252	.11471	.45545	.41274	.05568
#1	5.1620	5.0759	5.0535	5.1637	5.1551	9.7615	10.206	.25198
#2	5.1658	5.1014	5.0330	5.1514	5.1655	9.8487	10.229	.25171
#3	5.1467	5.0691	5.0394	5.1601	5.1554	9.7886	10.288	.25178
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4378	24.601	.96072	2.5112	1.2506	4.9466	2.5350	25.212
Stddev	.0007	.037	.00294	.0012	.0006	.0054	.0003	.178
%RSD	.02688	.14970	.30607	.04666	.05128	.11007	.01061	.70430
#1	2.4371	24.615	.96260	2.5120	1.2512	4.9429	2.5352	25.012
#2	2.4380	24.559	.95733	2.5099	1.2499	4.9441	2.5351	25.272
#3	2.4384	24.628	.96222	2.5118	1.2507	4.9529	2.5347	25.352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4483	1.2509	24.719	2.4134	2.4907	25.473	5.2154	5.0264
Stddev	.0007	.0019	.123	.0019	.0050	.147	.0031	.0697
%RSD	.02678	.14852	.49870	.07741	.19910	.57770	.06030	1.3863
#1	2.4483	1.2507	24.593	2.4113	2.4887	25.309	5.2176	4.9911
#2	2.4476	1.2491	24.726	2.4143	2.4870	25.516	5.2167	4.9814
#3	2.4489	1.2528	24.839	2.4147	2.4963	25.594	5.2118	5.1066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1823	4.8897	4.9972	5.0256	4.7025	5.086	4.9640	4.8764
Stddev	.0096	.0265	.0089	.0047	.0210	.019	.0310	.0875
%RSD	.18483	.54185	.17727	.09431	.44702	.3693	.62520	1.7946
#1	5.1763	4.9202	5.0065	5.0282	4.7016	5.086	4.9766	4.8670
#2	5.1934	4.8764	4.9889	5.0285	4.7240	5.105	4.9286	4.9683
#3	5.1773	4.8725	4.9962	5.0202	4.6820	5.067	4.9867	4.7940

Sample Name: CCV03 Acquired: 4/17/2019 14:28:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .83486
Stddev	.23501
%RSD	28.150

#1	.97687
#2	.56359
#3	.96411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4706.7	59729.	6520.6	76.420	4797.4
Stddev	6.4	30.	30.0	.965	5.9
%RSD	.13627	.04984	.45937	1.2629	.12295

#1	4700.4	59759.	6494.7	76.384	4791.6
#2	4706.4	59700.	6513.6	75.474	4797.1
#3	4713.2	59728.	6553.4	77.403	4803.4

Sample Name: CCB03 Acquired: 4/17/2019 14:48:47 Type: Unk
Method: P4-ICP2(v3057) 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	-.00095	.00095	F .00317	.00031	.00046	-.01033	.00150	-.00007
Stddev	.00135	.00070	.00052	.00256	.00171	.00617	.00053	.00003
%RSD	143.04	74.219	16.407	815.44	369.92	59.715	35.440	49.608
#1	-.00018	.00136	.00325	.00178	.00223	-.00321	.00101	-.00003
#2	-.00251	.00014	.00364	.00181	-.00119	-.01387	.00142	-.00010
#3	-.00015	.00135	.00261	-.00264	.00034	-.01390	.00206	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01013	-.00001	-.00017	-.00031	-.00026	.00006	-.01071
Stddev	.00007	.01265	.00041	.00018	.00016	.00030	.00005	.04217
%RSD	60.255	124.90	5097.8	108.66	50.904	115.89	81.852	393.69
#1	-.00011	-.00499	.00019	-.00029	-.00037	-.00060	.00003	-.05869
#2	-.00005	-.00086	-.00048	-.00026	-.00013	-.00011	.00011	.00607
#3	-.00018	-.02454	.00026	.00004	-.00044	-.00006	.00003	.02049
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00069	.10276	-.00030	.00234	-.02096	-.00013	.00002
Stddev	.00020	.00025	.00448	.00054	.00004	.00857	.00010	.01208
%RSD	24.584	35.673	4.3590	176.30	1.6588	40.898	73.295	53439.
#1	.00059	-.00051	.09998	-.00036	.00235	-.02863	-.00021	-.00028
#2	.00097	-.00097	.10037	-.00081	.00230	-.01170	-.00003	.01226
#3	.00088	-.00059	.10792	.00026	.00238	-.02255	-.00015	-.01191
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	-.00121	-.00211	-.00115	-.00544	-.0024	-.00003	F 3.9697
Stddev	.00170	.00234	.00018	.00085	.00185	.0007	.00003	.1679
%RSD	43.801	193.54	8.4099	73.289	34.095	30.20	102.98	4.2290
#1	.00372	.00113	-.00192	-.00090	-.00511	-.0024	-.00004	4.0853
#2	.00568	-.00355	-.00226	-.00047	-.00743	-.0032	.00000	4.0467
#3	.00228	-.00122	-.00215	-.00210	-.00377	-.0017	-.00006	3.7772

Sample Name: CCB03 Acquired: 4/17/2019 14:48:47 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1144
Stddev .7052
%RSD 63.281

#1 .47661
#2 .99484
#3 1.8717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4943.3	62874.	6626.4	81.254	5475.8
Stddev	14.2	130.	70.6	.993	4.7
%RSD	.28707	.20685	1.0656	1.2217	.08605

#1	4933.7	62744.	6545.2	80.139	5470.7
#2	4936.5	62875.	6660.8	81.582	5476.7
#3	4959.6	63004.	6673.2	82.041	5480.0

Sample Name: PB118965BL Acquired: 4/17/2019 14:53:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118965BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00067	.00276	-.00083	.00050	-.01397	.00158	-.00003
Stddev	.00079	.00031	.00056	.00272	.00078	.00963	.00043	.00005
%RSD	229.13	45.592	20.114	327.35	157.32	68.929	27.421	164.33
#1	-.00090	.00072	.00249	.00209	.00058	-.00294	.00143	-.00002
#2	-.00070	.00034	.00239	-.00329	.00123	-.02067	.00208	.00001
#3	.00056	.00095	.00340	-.00129	-.00032	-.01831	.00125	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00206	-.00003	-.00007	-.00018	-.00004	.00007	-.02024
Stddev	.00003	.01031	.00037	.00021	.00026	.00073	.00006	.01696
%RSD	66.952	500.81	1149.6	318.74	138.94	1631.2	79.360	83.813
#1	-.00002	.00185	-.00045	.00017	-.00048	.00012	.00013	-.02493
#2	-.00003	.00573	.00010	-.00014	-.00002	-.00084	.00003	-.00142
#3	-.00008	-.01376	.00025	-.00023	-.00005	.00059	.00004	-.03436
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00048	.09317	-.00061	.00198	-.01867	-.00011	-.00980
Stddev	.00024	.00014	.00926	.00038	.00002	.01851	.00003	.00024
%RSD	26.048	30.413	9.9372	62.520	1.0863	99.102	29.655	2.4625
#1	.00080	-.00043	.08293	-.00061	.00196	-.00552	-.00011	-.00952
#2	.00080	-.00036	.10095	-.00023	.00196	-.01067	-.00015	-.00995
#3	.00122	-.00064	.09562	-.00100	.00200	-.03984	-.00008	-.00992
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00455	-.00081	-.00208	-.00109	-.00602	-.0028	-.00008	F 3.9693
Stddev	.00317	.00273	.00081	.00033	.00048	.0007	.00002	.0630
%RSD	69.528	339.11	39.166	30.651	7.9044	23.99	24.758	1.5863
#1	.00152	-.00292	-.00192	-.00103	-.00653	-.0021	-.00009	3.8970
#2	.00431	.00228	-.00136	-.00079	-.00595	-.0028	-.00008	4.0117
#3	.00784	-.00178	-.00296	-.00145	-.00558	-.0034	-.00006	3.9993

Sample Name: PB118965BL Acquired: 4/17/2019 14:53:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118965BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0271
Stddev	.3925
%RSD	38.214

#1	1.2812
#2	.57506
#3	1.2251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4933.8	62922.	6642.2	80.833	5470.1
Stddev	13.4	162.	35.2	.995	9.6
%RSD	.27077	.25782	.53040	1.2305	.17512

#1	4918.5	63085.	6637.3	80.770	5462.5
#2	4939.8	62920.	6609.7	79.870	5467.0
#3	4943.0	62760.	6679.7	81.857	5480.9

Sample Name: PB118965BS Acquired: 4/17/2019 14:57:41 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118965BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79201	2.0334	1.0140	2.0035	.81221	1.9660	.21173
Stddev	.00284	.0169	.0039	.0075	.00548	.0256	.00038
%RSD	.35893	.83011	.38791	.37504	.67473	1.2996	.17848

#1	.79246	2.0241	1.0166	2.0077	.81754	1.9485	.21145
#2	.79460	2.0529	1.0160	2.0079	.81250	1.9953	.21216
#3	.78896	2.0232	1.0095	1.9948	.80659	1.9542	.21157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19928	.19086	1.0651	.41106	.20776	.32297	3.1842
Stddev	.00033	.00012	.0070	.00285	.00067	.00176	.0118
%RSD	.16641	.06402	.65633	.69357	.32166	.54471	.37203

#1	.19894	.19077	1.0710	.40782	.20829	.32498	3.1709
#2	.19960	.19100	1.0574	.41220	.20798	.32224	3.1882
#3	.19928	.19082	1.0670	.41317	.20701	.32170	3.1936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21839	2.0497	.50333	.07114	3.1483	.30703	.19980
Stddev	.00096	.0333	.00167	.00070	.0159	.00213	.00094
%RSD	.44012	1.6236	.33209	.98096	.50657	.69281	.47081

#1	.21728	2.0169	.50355	.07034	3.1453	.30498	.19983
#2	.21894	2.0488	.50487	.07148	3.1656	.30923	.20073
#3	.21895	2.0835	.50155	.07161	3.1341	.30688	.19885

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.378	.44129	.28907	F .00250	.88986	.69439	.20888
Stddev	.048	.00178	.00985	.00421	.00425	.00218	.00031
%RSD	.45997	.40401	3.4068	167.99	.47778	.31348	.14894

#1	10.331	.44259	.28192	-.00098	.89059	.69444	.20854
#2	10.426	.44201	.28499	.00131	.88529	.69655	.20915
#3	10.376	.43926	.30030	.00718	.89369	.69219	.20894

Sample Name: PB118965BS Acquired: 4/17/2019 14:57:41 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118965BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18905	5.391	.20439	F 4.3200	F<.00000
Stddev	.00024	.031	.00053	.1079	.34626
%RSD	.12658	.5736	.25830	2.4973	48.746

#1	.18878	5.364	.20498	4.2050	-.40347
#2	.18912	5.425	.20395	4.4189	-1.0857
#3	.18924	5.384	.20423	4.3361	-.64179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4845.7	62216.	6525.0	78.476	5265.7
Stddev	28.6	66.	36.6	1.054	25.2
%RSD	.59053	.10683	.56119	1.3430	.47890

#1	4818.8	62270.	6506.1	78.628	5251.4
#2	4842.7	62142.	6567.2	79.446	5250.9
#3	4875.7	62237.	6501.7	77.354	5294.8

Sample Name: PB118974BL Acquired: 4/17/2019 15:01:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118974BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00043	.00216	-.00063	.00047	-.01070	.00145	-.00003
Stddev	.00068	.00071	.00027	.00275	.00126	.00414	.00024	.00005
%RSD	174.37	164.19	12.332	437.47	266.95	38.640	16.893	169.65
#1	.00089	-.00015	.00237	-.00018	.00161	-.01372	.00135	-.00001
#2	.00068	.00122	.00186	.00187	-.00088	-.00599	.00126	-.00008
#3	-.00039	.00023	.00224	-.00357	.00068	-.01240	.00172	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00063	.00028	-.00003	-.00036	-.00038	.00005	-.03644
Stddev	.00001	.01218	.00038	.00016	.00015	.00073	.00002	.03202
%RSD	15.914	1941.6	136.49	585.47	40.435	193.60	39.569	87.852
#1	-.00006	.00635	-.00016	-.00020	-.00024	-.00110	.00007	-.03615
#2	-.00007	.00646	.00054	.00001	-.00033	.00035	.00006	-.00457
#3	-.00006	-.01469	.00046	.00011	-.00052	-.00038	.00003	-.06860
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00072	.07056	-.00051	.00167	-.01956	-.00024	-.00447
Stddev	.00002	.00022	.00529	.00045	.00003	.00871	.00007	.01408
%RSD	2.1477	31.389	7.4938	86.755	1.6099	44.503	27.689	315.10
#1	.00107	-.00066	.06498	-.00079	.00167	-.00962	-.00018	-.01229
#2	.00104	-.00096	.07550	.00000	.00164	-.02582	-.00031	.01179
#3	.00108	-.00053	.07120	-.00075	.00169	-.02325	-.00023	-.01290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	-.00189	-.00191	-.00033	-.00542	-.0005	-.00006	F 3.9617
Stddev	.00090	.00171	.00029	.00040	.00152	.0007	.00004	.2239
%RSD	23.842	90.345	15.295	120.85	28.111	140.7	62.415	5.6506
#1	.00421	-.00226	-.00159	-.00053	-.00701	.0002	-.00008	3.7230
#2	.00273	-.00003	-.00201	-.00059	-.00527	-.0012	-.00002	4.1670
#3	.00435	-.00338	-.00215	.00013	-.00397	-.0005	-.00008	3.9950

Sample Name: PB118974BL Acquired: 4/17/2019 15:01:46 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118974BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5833
Stddev .3008
%RSD 18.995

#1 1.2497
#2 1.8337
#3 1.6665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4934.7	62726.	6612.5	81.322	5474.2
Stddev	6.2	300.	25.4	.373	2.8
%RSD	.12472	.47899	.38406	.45893	.05059

#1	4927.9	62612.	6583.8	81.225	5471.0
#2	4936.4	62499.	6621.5	81.007	5475.6
#3	4939.8	63067.	6632.2	81.734	5476.0

Sample Name: PB118974BS Acquired: 4/17/2019 15:06:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118974BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78533	2.0241	1.0001	1.9844	.81338	1.9351	.20901
Stddev	.00220	.0040	.0037	.0064	.00166	.0133	.00079
%RSD	.28061	.19984	.36827	.32109	.20457	.68607	.37879

#1	.78303	2.0214	1.0002	1.9852	.81167	1.9315	.20987
#2	.78552	2.0222	.99640	1.9777	.81500	1.9241	.20832
#3	.78743	2.0288	1.0038	1.9904	.81346	1.9499	.20884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19629	.18930	1.0530	.40640	.20532	.31961	3.1426
Stddev	.00094	.00053	.0113	.00139	.00032	.00060	.0079
%RSD	.48117	.27788	1.0715	.34240	.15734	.18903	.25049

#1	.19607	.18991	1.0653	.40528	.20546	.31894	3.1414
#2	.19548	.18906	1.0504	.40795	.20495	.31978	3.1354
#3	.19733	.18895	1.0432	.40596	.20555	.32011	3.1510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21519	2.0128	.49791	.07061	3.0922	.30292	.19834
Stddev	.00049	.0642	.00121	.00034	.0203	.00178	.00050
%RSD	.22995	3.1891	.24213	.47740	.65737	.58911	.25185

#1	.21513	1.9467	.49887	.07026	3.0995	.30370	.19861
#2	.21473	2.0169	.49656	.07062	3.0692	.30088	.19776
#3	.21571	2.0748	.49830	.07093	3.1078	.30418	.19864

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.179	.44417	.29868	F .00060	.89580	.69851	.21112
Stddev	.071	.00117	.01103	.00122	.00158	.00240	.00121
%RSD	.69391	.26254	3.6926	204.52	.17653	.34412	.57137

#1	10.208	.44432	.30842	.00051	.89757	.69876	.21016
#2	10.098	.44294	.28671	.00186	.89530	.69599	.21074
#3	10.229	.44526	.30091	-.00058	.89452	.70078	.21248

Sample Name: PB118974BS Acquired: 4/17/2019 15:06:14 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118974BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18843	5.377	.20138	F 4.1613	F<.00000
Stddev	.00108	.012	.00009	.0262	1.2210
%RSD	.57413	.2230	.04445	.63070	48.048

#1	.18963	5.391	.20137	4.1512	-2.8004
#2	.18813	5.369	.20129	4.1911	-3.6116
#3	.18753	5.371	.20147	4.1416	-1.2114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4836.4	62057.	6485.0	79.054	5252.3
Stddev	7.9	149.	21.1	.860	10.0
%RSD	.16342	.24041	.32515	1.0873	.19050

#1	4829.5	61887.	6471.3	79.736	5240.8
#2	4834.7	62167.	6474.5	79.337	5257.0
#3	4845.0	62117.	6509.3	78.088	5259.1

Sample Name: PB118992BL Acquired: 4/17/2019 15:10:19 Type: Unk
Method: P4-ICP2(v3057) 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	-.00031	.00058	.00101	-.00145	.00014	-.01030	.00136	-.00001
Stddev	.00183	.00093	.00060	.00189	.00032	.00963	.00044	.00004
%RSD	586.45	161.57	59.692	130.54	230.84	93.541	32.130	524.07
#1	-.00239	-.00047	.00164	.00034	.00029	-.01451	.00088	-.00005
#2	.00109	.00090	.00045	-.00126	-.00023	-.01710	.00173	.00002
#3	.00036	.00131	.00093	-.00342	.00035	.00072	.00148	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00433	.00001	-.00022	-.00013	-.00044	.00003	-.05992
Stddev	.00005	.00986	.00009	.00014	.00021	.00027	.00003	.00357
%RSD	99.226	227.66	773.24	64.962	168.17	62.010	92.200	5.9605
#1	-.00002	-.00329	-.00002	-.00019	-.00000	-.00031	.00001	-.06368
#2	-.00010	-.01468	.00011	-.00038	-.00037	-.00025	.00007	-.05952
#3	-.00002	.00497	-.00006	-.00009	-.00001	-.00075	.00002	-.05657
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00080	.06427	-.00046	.00119	-.03088	-.00017	-.00403
Stddev	.00039	.00014	.00592	.00026	.00010	.01494	.00035	.00959
%RSD	52.550	17.110	9.2068	56.718	8.3437	48.380	201.75	238.22
#1	.00044	-.00092	.06513	-.00043	.00120	-.02843	.00023	.00699
#2	.00118	-.00082	.05796	-.00073	.00129	-.04690	-.00036	-.00856
#3	.00060	-.00065	.06970	-.00022	.00109	-.01732	-.00039	-.01051
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	-.00076	-.00208	-.00141	-.00729	-.0015	-.00001	F 3.7467
Stddev	.00217	.00091	.00009	.00083	.00063	.0007	.00005	.1514
%RSD	122.67	120.72	4.5250	58.870	8.6743	48.18	369.27	4.0406
#1	.00418	-.00177	-.00212	-.00061	-.00705	-.0013	-.00001	3.9078
#2	.00114	-.00052	-.00213	-.00227	-.00801	-.0022	.00003	3.6073
#3	-.00002	.00001	-.00197	-.00135	-.00682	-.0009	-.00006	3.7251

Sample Name: PB118992BL Acquired: 4/17/2019 15:10:19 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .74653
Stddev	.47917
%RSD	64.186

#1	.31352
#2	.66474
#3	1.2613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4938.4	62981.	6640.9	81.267	5480.0
Stddev	11.5	305.	23.0	.890	9.0
%RSD	.23224	.48452	.34560	1.0952	.16353

#1	4927.9	62646.	6622.2	81.189	5470.0
#2	4950.6	63056.	6634.0	80.418	5482.9
#3	4936.7	63242.	6666.5	82.193	5487.2

Sample Name: PB118992BS Acquired: 4/17/2019 15:14:48 Type: Unk
Method: P4-ICP2(v3057) 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	.75999	1.9339	.96307	1.9226	.77804	1.8763	.20419
Stddev	.00109	.0071	.00346	.0083	.00297	.0151	.00099
%RSD	.14406	.36500	.35922	.43080	.38142	.80308	.48503

#1	.76082	1.9420	.95908	1.9190	.77643	1.8760	.20404
#2	.76039	1.9297	.96520	1.9320	.78146	1.8915	.20525
#3	.75875	1.9299	.96493	1.9167	.77622	1.8613	.20328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18986	.18226	1.0424	.39501	.19821	.30847	3.0445
Stddev	.00101	.00061	.0054	.00255	.00026	.00084	.0159
%RSD	.53257	.33422	.51757	.64454	.12975	.27325	.52356

#1	.19102	.18211	1.0477	.39789	.19798	.30829	3.0629
#2	.18919	.18174	1.0425	.39409	.19816	.30773	3.0354
#3	.18937	.18293	1.0369	.39305	.19849	.30938	3.0351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20913	1.9566	.47919	.06795	3.0123	.29440	.19108
Stddev	.00098	.0275	.00019	.00024	.0347	.00173	.00025
%RSD	.46797	1.4062	.03881	.35139	1.1512	.58913	.12830

#1	.21022	1.9475	.47932	.06805	2.9908	.29635	.19081
#2	.20834	1.9874	.47927	.06767	3.0523	.29305	.19113
#3	.20883	1.9347	.47898	.06812	2.9939	.29378	.19129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9442	.42794	.29461	F -.00409	.85775	.66401	.20141
Stddev	.0849	.00033	.00174	.00247	.01461	.00162	.00181
%RSD	.85376	.07607	.58919	60.434	1.7031	.24381	.89881

#1	9.9551	.42757	.29261	-.00134	.87236	.66366	.20149
#2	10.023	.42808	.29546	-.00612	.84314	.66577	.20318
#3	9.8544	.42817	.29576	-.00482	.85774	.66259	.19956

Sample Name: PB118992BS Acquired: 4/17/2019 15:14:48 Type: Unk
Method: P4-ICP2(v3057) 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	.18216	F 5.147	.19587	F 3.6953	F<.00000
Stddev	.00090	.022	.00082	.1070	.32703
%RSD	.49492	.4352	.42105	2.8944	13.065
#1	.18240	5.169	.19649	3.8102	-2.1448
#2	.18292	5.148	.19493	3.5986	-2.7853
#3	.18116	5.124	.19619	3.6770	-2.5795
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4977.5	64125.	6724.8	81.841	5437.2
Stddev	4.3	470.	63.4	2.698	2.7
%RSD	.08709	.73266	.94319	3.2962	.04999
#1	4973.7	63605.	6661.3	79.505	5434.2
#2	4982.2	64250.	6788.2	81.225	5439.4
#3	4976.7	64519.	6724.8	84.793	5438.1

Sample Name: PB118985BL Acquired: 4/17/2019 15:18:55 Type: Unk
Method: P4-ICP2(v3057) 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	-.00146	.00047	.00052	-.00032	-.00131	-.02617	.00164	-.00002
Stddev	.00234	.00055	.00034	.00198	.00038	.01185	.00037	.00003
%RSD	160.15	116.42	65.556	618.93	28.766	45.268	22.274	210.83
#1	-.00381	.00092	.00092	-.00091	-.00105	-.03969	.00145	-.00005
#2	-.00145	.00063	.00029	-.00194	-.00114	-.02126	.00142	.00001
#3	.00087	-.00014	.00036	.00188	-.00175	-.01757	.00207	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00348	.00000	.00004	-.00021	-.00013	.00006	-.04289
Stddev	.00002	.00404	.00032	.00011	.00011	.00050	.00000	.03870
%RSD	82.957	116.12	10149.	314.14	50.750	387.43	4.3210	90.239
#1	-.00001	-.00670	-.00004	.00012	-.00033	.00029	.00006	-.01132
#2	-.00002	.00105	-.00029	.00008	-.00013	.00000	.00006	-.08607
#3	-.00005	-.00479	.00034	-.00009	-.00017	-.00068	.00005	-.03129
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00077	.05179	-.00068	.00139	-.04028	-.00028	-.00079
Stddev	.00033	.00045	.01224	.00032	.00004	.05403	.00016	.00213
%RSD	46.107	58.738	23.628	46.771	3.1583	134.15	56.352	271.15
#1	.00108	-.00025	.03832	-.00032	.00143	.01287	-.00045	-.00320
#2	.00050	-.00104	.06222	-.00078	.00139	-.03856	-.00024	.00083
#3	.00054	-.00103	.05483	-.00093	.00134	-.09515	-.00014	.00001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00405	-.00230	.00002	-.00799	-.0003	-.00005	F 4.1112
Stddev	.00409	.00103	.00024	.00009	.00102	.0011	.00005	.0714
%RSD	753.88	25.311	10.312	417.83	12.787	394.5	86.756	1.7372
#1	-.00111	-.00291	-.00206	.00000	-.00702	.0002	-.00004	4.0819
#2	.00520	-.00488	-.00253	.00012	-.00906	-.0015	-.00011	4.1927
#3	-.00246	-.00437	-.00231	-.00006	-.00789	.0005	-.00001	4.0592

Sample Name: PB118985BL Acquired: 4/17/2019 15:18:55 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1701
Stddev .2710
%RSD 23.159

#1 .87346
#2 1.2321
#3 1.4047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4934.0	63219.	6603.8	80.036	5472.8
Stddev	3.0	43.	8.3	.732	2.7
%RSD	.06177	.06747	.12642	.91459	.04853

#1	4930.7	63230.	6609.2	79.257	5471.2
#2	4934.6	63172.	6608.1	80.709	5475.8
#3	4936.7	63255.	6594.2	80.143	5471.3

Sample Name: PB118985BS Acquired: 4/17/2019 15:23:23 Type: Unk
Method: P4-ICP2(v3057) 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	.80209	2.0512	1.0152	2.0279	.82118	1.9824	.21456
Stddev	.00184	.0065	.0037	.0042	.00178	.0078	.00077
%RSD	.22994	.31702	.36699	.20659	.21644	.39421	.35760

#1	.80368	2.0586	1.0190	2.0326	.82236	1.9793	.21414
#2	.80007	2.0482	1.0150	2.0266	.81914	1.9767	.21409
#3	.80251	2.0467	1.0116	2.0245	.82205	1.9913	.21544

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19956	.19222	1.0999	.41636	.20868	.32510	3.2141
Stddev	.00033	.00091	.0088	.00042	.00068	.00080	.0038
%RSD	.16718	.47519	.79564	.10095	.32732	.24458	.11801

#1	.19917	.19322	1.0928	.41663	.20939	.32582	3.2180
#2	.19975	.19202	1.1097	.41658	.20803	.32523	3.2140
#3	.19975	.19142	1.0972	.41588	.20860	.32424	3.2104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22042	2.0727	.50656	.07143	3.1500	.31073	.20092
Stddev	.00063	.0448	.00032	.00084	.0055	.00050	.00045
%RSD	.28636	2.1624	.06225	1.1756	.17568	.15943	.22282

#1	.22009	2.0290	.50692	.07227	3.1463	.31124	.20143
#2	.22115	2.0707	.50633	.07059	3.1473	.31025	.20076
#3	.22003	2.1186	.50642	.07142	3.1563	.31071	.20058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.461	.45088	.29762	F -.00268	.90507	.70162	.21372
Stddev	.082	.00166	.00454	.00065	.00197	.00273	.00021
%RSD	.78046	.36828	1.5259	24.275	.21738	.38927	.09916

#1	10.407	.45276	.29521	-.00339	.90688	.70469	.21370
#2	10.421	.44960	.30286	-.00253	.90534	.69945	.21353
#3	10.555	.45029	.29478	-.00211	.90298	.70071	.21395

Sample Name: PB118985BS Acquired: 4/17/2019 15:23:23 Type: Unk
Method: P4-ICP2(v3057) 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	.19335	5.462	.20629	F 4.5128	F<.00000
Stddev	.00424	.024	.00076	.2379	.53759
%RSD	2.1910	.4438	.36672	5.2724	29.107
#1	.19329	5.490	.20715	4.4905	-1.2372
#2	.19761	5.452	.20600	4.7611	-2.2524
#3	.18914	5.445	.20573	4.2868	-2.0513
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4784.9	61511.	6437.2	78.104	5214.1
Stddev	15.0	294.	61.4	.789	17.1
%RSD	.31377	.47778	.95390	1.0108	.32778
#1	4770.2	61178.	6368.5	77.499	5196.2
#2	4784.3	61735.	6456.4	77.815	5216.1
#3	4800.2	61620.	6486.7	78.997	5230.2

Sample Name: PB118985TB Acquired: 4/17/2019 15:27:26 Type: Unk
Method: P4-ICP2(v3057) 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	-.00450	-.00007	.00060	.00241	.00079	-.00658	.00125	-.00009
Stddev	.00114	.00075	.00049	.00140	.00122	.00647	.00018	.00003
%RSD	25.351	1141.9	81.627	58.089	154.60	98.284	14.835	31.515
#1	-.00445	.00003	.00030	.00298	.00219	-.00237	.00145	-.00006
#2	-.00338	.00063	.00033	.00081	.00021	-.01403	.00109	-.00011
#3	-.00566	-.00087	.00117	.00343	-.00004	-.00334	.00119	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.01751	.00074	-.00022	-.00017	.00498	.00033	-.02834
Stddev	.00003	.01326	.00039	.00009	.00007	.00107	.00008	.00749
%RSD	46.741	75.747	53.291	42.473	39.144	21.532	25.117	26.437
#1	-.00005	.00409	.00077	-.00012	-.00021	.00614	.00043	-.03244
#2	-.00004	.01782	.00112	-.00022	-.00021	.00403	.00029	-.01969
#3	-.00010	.03061	.00033	-.00030	-.00009	.00478	.00028	-.03290
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	.00028	F 236.73	-.00046	.00304	.03051	.00004	.00384
Stddev	.00055	.00023	1.05	.00046	.00009	.04989	.00017	.00346
%RSD	26.924	81.366	.44297	100.98	2.8373	163.49	392.15	90.137
#1	.00251	.00019	235.71	-.00031	.00303	.01472	.00005	.00135
#2	.00143	.00054	236.67	-.00097	.00296	-.00956	.00020	.00238
#3	.00219	.00011	237.80	-.00008	.00313	.08639	-.00013	.00780
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00854	.00351	-.00097	.00075	-.00415	-.0027	-.00007	5.2166
Stddev	.00263	.00216	.00125	.00089	.00080	.0017	.00001	.0473
%RSD	30.748	61.541	129.15	118.55	19.236	64.69	20.210	.90707
#1	.00818	.00397	.00047	.00141	-.00432	-.0046	-.00008	5.2456
#2	.01133	.00539	-.00170	.00109	-.00485	-.0021	-.00008	5.1620
#3	.00612	.00115	-.00167	-.00026	-.00328	-.0013	-.00005	5.2422

Sample Name: PB118985TB Acquired: 4/17/2019 15:27:26 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1058
Stddev	.3419
%RSD	8.3271

#1	3.7167
#2	4.2426
#3	4.3581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4583.3	58983.	6484.6	77.873	4744.2
Stddev	5.6	115.	17.1	1.546	6.9
%RSD	.12275	.19439	.26360	1.9855	.14516

#1	4577.6	58923.	6465.0	76.166	4737.1
#2	4583.4	59115.	6492.6	79.180	4744.4
#3	4588.8	58911.	6496.2	78.273	4750.9

Sample Name: CCV04 Acquired: 4/17/2019 15:32:01 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1948	5.0639	5.0486	5.1426	5.1630	9.7307	10.238	.25303
Stddev	.0300	.0372	.0073	.0214	.0091	.0269	.033	.00063
%RSD	.57654	.73487	.14540	.41508	.17553	.27665	.31786	.25069
#1	5.2267	5.0865	5.0566	5.1660	5.1733	9.7546	10.272	.25364
#2	5.1905	5.0843	5.0470	5.1378	5.1567	9.7360	10.207	.25238
#3	5.1672	5.0210	5.0422	5.1241	5.1589	9.7015	10.236	.25306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4341	24.599	.95473	2.5206	1.2525	4.9575	2.5467	25.448
Stddev	.0042	.062	.00230	.0028	.0025	.0028	.0009	.177
%RSD	.17344	.25036	.24053	.11258	.20304	.05715	.03621	.69381
#1	2.4381	24.670	.95736	2.5229	1.2555	4.9597	2.5463	25.452
#2	2.4346	24.557	.95373	2.5215	1.2512	4.9585	2.5477	25.270
#3	2.4297	24.571	.95310	2.5174	1.2509	4.9543	2.5460	25.623
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4458	1.2468	24.737	2.3901	2.5427	25.546	5.2783	5.0415
Stddev	.0019	.0028	.111	.0021	.0057	.106	.0114	.0053
%RSD	.07562	.22599	.44816	.08642	.22416	.41358	.21550	.10424
#1	2.4466	1.2500	24.837	2.3909	2.5483	25.625	5.2914	5.0423
#2	2.4471	1.2446	24.617	2.3878	2.5430	25.426	5.2712	5.0464
#3	2.4437	1.2460	24.756	2.3917	2.5369	25.587	5.2721	5.0359
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1812	4.8082	5.0266	5.0207	4.6396	5.065	4.9283	F 5.5083
Stddev	.0205	.0132	.0120	.0135	.0132	.032	.0458	.0540
%RSD	.39509	.27515	.23849	.26828	.28386	.6406	.92941	.98046
#1	5.1965	4.8102	5.0323	5.0330	4.6546	5.087	4.9769	5.4542
#2	5.1892	4.7941	5.0346	5.0063	4.6343	5.079	4.8859	5.5086
#3	5.1580	4.8203	5.0128	5.0228	4.6299	5.027	4.9221	5.5622

Sample Name: CCV04 Acquired: 4/17/2019 15:32:01 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4787
Stddev	.5674
%RSD	22.892

#1	2.0651
#2	3.1256
#3	2.2454

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4681.0	60125.	6562.8	77.902	4799.1
Stddev	10.9	237.	27.7	1.151	10.6
%RSD	.23185	.39391	.42254	1.4773	.21987

#1	4668.5	59969.	6542.9	77.991	4790.1
#2	4686.5	60398.	6594.5	76.709	4796.5
#3	4687.9	60009.	6550.9	79.005	4810.7

Sample Name: CCB04 Acquired: 4/17/2019 15:36:04 Type: Unk

Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8136 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	.00076	.00083	.00021	.00052	-.02207	.00186	.00003
Stddev	.00118	.00049	.00038	.00076	.00039	.01105	.00007	.00003
%RSD	119.22	64.644	46.372	356.55	75.353	50.085	3.6881	95.561

#1	-.00046	.00079	.00112	.00109	.00070	-.03054	.00185	.00007
#2	-.00017	.00025	.00039	-.00018	.00079	-.02610	.00193	.00002
#3	-.00235	.00124	.00098	-.00027	.00007	-.00957	.00179	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00043	.00027	-.00008	-.00030	-.00048	.00012	-.00839
Stddev	.00002	.01238	.00017	.00006	.00015	.00052	.00003	.01106
%RSD	60.704	2891.7	63.724	76.636	51.786	107.04	23.951	131.81

#1	-.00003	-.00756	.00020	-.00004	-.00028	.00008	.00011	.00377
#2	-.00007	-.00585	.00015	-.00015	-.00016	-.00094	.00014	-.01785
#3	-.00003	.01469	.00047	-.00005	-.00046	-.00058	.00009	-.01108

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00048	.08400	-.00049	.00073	-.02980	.00029	-.00275
Stddev	.00008	.00012	.00092	.00026	.00012	.01661	.00002	.00894
%RSD	9.5996	24.402	1.0945	52.710	16.373	55.753	7.4763	325.42

#1	.00092	-.00043	.08387	-.00063	.00061	-.04505	.00028	-.00085
#2	.00082	-.00061	.08316	-.00019	.00072	-.03225	.00028	-.01249
#3	.00076	-.00039	.08498	-.00064	.00085	-.01209	.00032	.00509

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.00214	-.00125	-.00053	-.00539	-.0028	.00000	F 4.5206
Stddev	.00091	.00237	.00003	.00082	.00087	.0006	.00001	.1168
%RSD	28.953	110.62	2.1074	153.71	16.112	19.59	2382.4	2.5831

#1	.00304	-.00456	-.00122	-.00143	-.00637	-.0025	.00001	4.6467
#2	.00412	.00017	-.00126	-.00037	-.00471	-.0025	-.00001	4.4990
#3	.00231	-.00203	-.00127	.00019	-.00508	-.0035	.00000	4.4162

Sample Name: CCB04 Acquired: 4/17/2019 15:36:04 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8136 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1234
Stddev	.6581
%RSD	58.582

#1	1.6379
#2	1.3506
#3	.38183

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4912.4	62846.	6618.5	80.076	5447.6
Stddev	13.2	163.	36.9	1.551	4.0
%RSD	.26853	.25931	.55698	1.9366	.07268

#1	4912.2	62667.	6638.0	81.030	5451.9
#2	4925.6	62986.	6641.6	80.911	5446.7
#3	4899.2	62884.	6576.0	78.286	5444.1

Sample Name: K2427-01 Acquired: 4/17/2019 15:40:31 Type: Unk
Method: P4-ICP2(v3057) 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	-.00226	.00040	-.00061	-.00007	.00145	.03568	.00319	.00001
Stddev	.00203	.00072	.00037	.00151	.00068	.01090	.00042	.00003
%RSD	89.974	179.01	60.759	2072.5	46.666	30.544	13.248	179.11

#1	-.00239	.00115	-.00037	-.00179	.00223	.04469	.00302	.00004
#2	-.00016	-.00028	-.00103	.00104	.00102	.03879	.00367	.00001
#3	-.00422	.00034	-.00042	.00053	.00110	.02357	.00288	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.14255	.00018	.00013	.01297	.06636	.00369	.22004
Stddev	.00004	.00289	.00020	.00010	.00006	.00040	.00003	.02343
%RSD	263.25	2.0244	114.62	75.391	.48536	.60355	.89600	10.647

#1	.00002	.13990	-.00004	.00024	.01303	.06673	.00366	.22704
#2	-.00000	.14213	.00020	.00010	.01297	.06594	.00372	.23918
#3	-.00006	.14563	.00037	.00005	.01290	.06642	.00369	.19392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	-.00063	4.5460	-.00060	.05170	.49274	-.00005	.00715
Stddev	.00022	.00035	.0264	.00034	.00023	.03020	.00027	.01241
%RSD	7.9432	56.241	.58027	56.590	.43840	6.1291	598.41	173.54

#1	.00289	-.00100	4.5730	-.00081	.05144	.46430	.00023	-.00439
#2	.00249	-.00059	4.5203	-.00077	.05183	.48949	-.00005	.00556
#3	.00284	-.00030	4.5446	-.00021	.05183	.52444	-.00031	.02027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01781	.72606	-.00267	-.00045	-.00900	-.0002	.00023	3.8371
Stddev	.00287	.00574	.00008	.00096	.00039	.0011	.00004	.0393
%RSD	16.096	.79123	2.8104	212.28	4.2802	602.1	16.022	1.0239

#1	.01677	.72147	-.00260	-.00075	-.00900	.0006	.00019	3.8488
#2	.01561	.73251	-.00266	-.00123	-.00861	.0003	.00026	3.8691
#3	.02105	.72421	-.00275	.00062	-.00938	-.0015	.00024	3.7932

Sample Name: K2427-01 Acquired: 4/17/2019 15:40:31 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5480
 Stddev .1078
 %RSD 6.9648

#1 1.5748
 #2 1.4294
 #3 1.6400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4977.4	64491.	6810.2	83.990	5591.0
Stddev	8.4	180.	24.9	1.616	6.5
%RSD	.16847	.27948	.36538	1.9236	.11686

#1	4982.5	64346.	6807.6	83.093	5598.4
#2	4982.0	64693.	6786.7	83.022	5588.3
#3	4967.7	64433.	6836.3	85.855	5586.2

Sample Name: K2427-02 Acquired: 4/17/2019 15:44:56 Type: Unk
Method: P4-ICP2(v3057) 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	-.00181	.00075	-.00037	.00001	.00027	.03999	.00336	.00003
Stddev	.00307	.00075	.00030	.00171	.00080	.00631	.00025	.00005
%RSD	170.29	100.43	83.236	13779.	298.26	15.769	7.5396	164.80

#1	-.00131	.00124	-.00014	-.00044	.00119	.03287	.00323	-.00002
#2	-.00510	-.00012	-.00071	.00190	-.00014	.04221	.00320	.00008
#3	.00099	.00113	-.00024	-.00143	-.00025	.04488	.00365	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.17397	.00206	.00002	.01450	.09186	.00206	.01060
Stddev	.00002	.01360	.00040	.00019	.00055	.00069	.00005	.00224
%RSD	2830.7	7.8152	19.544	1035.0	3.7982	.75450	2.4713	21.106

#1	.00002	.15864	.00240	-.00009	.01468	.09264	.00212	.01102
#2	-.00000	.17872	.00216	-.00009	.01388	.09165	.00203	.00818
#3	-.00002	.18456	.00161	.00024	.01493	.09130	.00203	.01259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00077	.07038	-.00074	.08666	-.05946	-.00016	.19077
Stddev	.00031	.00016	.01080	.00005	.00014	.01393	.00024	.01376
%RSD	9.3871	21.136	15.343	7.1691	.15643	23.436	145.40	7.2132

#1	.00324	-.00081	.05795	-.00068	.08652	-.04401	.00006	.20655
#2	.00301	-.00059	.07739	-.00074	.08679	-.07109	-.00014	.18451
#3	.00363	-.00091	.07581	-.00079	.08666	-.06327	-.00041	.18126

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02120	5.1236	-.00313	.00145	-.00925	.0011	.00037	3.8104
Stddev	.00001	.0237	.00055	.00071	.00053	.0007	.00009	.0335
%RSD	.04905	.46333	17.466	48.809	5.6874	68.95	24.352	.87965

#1	.02120	5.1069	-.00373	.00185	-.00966	.0003	.00026	3.8468
#2	.02120	5.1508	-.00297	.00064	-.00943	.0017	.00042	3.8034
#3	.02122	5.1131	-.00268	.00188	-.00866	.0013	.00042	3.7809

Sample Name: K2427-02 Acquired: 4/17/2019 15:44:56 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .15839
Stddev .80764
%RSD 509.92

#1 -.54911
#2 1.0383
#3 -.01404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5029.2	65013.	6909.4	85.936	5711.0
Stddev	14.6	141.	27.3	1.535	2.4
%RSD	.29059	.21624	.39485	1.7866	.04277

#1	5038.0	64996.	6893.1	84.870	5713.7
#2	5037.2	65161.	6894.2	85.241	5710.1
#3	5012.3	64881.	6940.9	87.695	5709.1

Sample Name: K2427-03 Acquired: 4/17/2019 15:49:21 Type: Unk
Method: P4-ICP2(v3057) 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	-.00283	.00012	.00466	-.00205	.00311	.05261	.00589	.00004
Stddev	.00227	.00035	.00025	.00205	.00111	.00863	.00008	.00002
%RSD	80.371	306.92	5.3130	100.21	35.534	16.408	1.3067	66.166

#1	-.00053	.00052	.00463	-.00042	.00368	.06203	.00580	.00004
#2	-.00288	-.00015	.00443	-.00137	.00381	.04508	.00595	.00001
#3	-.00508	-.00002	.00492	-.00435	.00184	.05071	.00591	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.17991	.00089	.00035	.14402	.08218	.01656	.00318
Stddev	.00006	.01356	.00026	.00009	.00044	.00028	.00011	.00789
%RSD	13.441	7.5366	29.601	26.302	.30488	.34144	.68853	248.48

#1	.00040	.17886	.00069	.00026	.14443	.08186	.01654	.01225
#2	.00046	.16690	.00119	.00034	.14407	.08234	.01646	-.00067
#3	.00052	.19395	.00078	.00044	.14356	.08234	.01668	-.00205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00809	-.00090	.72508	-.00061	.15309	.13712	-.00002	.01303
Stddev	.00013	.00051	.00992	.00029	.00040	.02021	.00009	.00897
%RSD	1.6080	56.557	1.3679	47.312	.26175	14.737	583.39	68.840

#1	.00795	-.00086	.73441	-.00093	.15319	.15924	.00006	.00622
#2	.00813	-.00041	.72617	-.00037	.15343	.13251	-.00012	.02319
#3	.00820	-.00142	.71467	-.00053	.15264	.11962	.00001	.00968

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00993	.38530	-.00190	.00039	-.00963	.0005	.00041	4.0448
Stddev	.00140	.00295	.00028	.00057	.00045	.0013	.00006	.1609
%RSD	14.057	.76606	14.690	145.46	4.6332	262.0	14.914	3.9778

#1	.00890	.38264	-.00217	.00055	-.00990	-.0001	.00047	3.9789
#2	.00937	.38479	-.00161	-.00024	-.00988	-.0004	.00038	3.9274
#3	.01152	.38847	-.00193	.00087	-.00912	.0019	.00036	4.2282

Sample Name: K2427-03 Acquired: 4/17/2019 15:49:21 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .76714
 Stddev .18451
 %RSD 24.051

#1 .77150
 #2 .94942
 #3 .58049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4982.5	64489.	6878.3	83.955	5620.5
Stddev	3.4	111.	19.0	1.906	3.8
%RSD	.06748	.17243	.27631	2.2700	.06825

#1	4984.6	64488.	6877.2	86.016	5624.2
#2	4978.6	64379.	6897.9	83.591	5620.7
#3	4984.3	64602.	6859.9	82.257	5616.5

Sample Name: K2434-01 Acquired: 4/17/2019 15:53:47 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-288 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02006	.00837	.78178	.02222	.00683	125.86	.93530
Stddev	.00424	.00177	.00037	.00458	.00165	.29	.00130
%RSD	21.120	21.201	.04672	20.607	24.130	.23392	.13943

#1	.01592	.00643	.78215	.01940	.00645	125.53	.93380
#2	.02439	.00876	.78176	.01977	.00863	125.97	.93600
#3	.01989	.00991	.78142	.02751	.00540	126.09	.93611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01100	.00239	219.08	.25809	.08151	.22678	175.79
Stddev	.00016	.00023	.87	.00195	.00016	.00068	.06
%RSD	1.4628	9.4250	.39616	.75716	.19820	.30003	.03135

#1	.01093	.00262	220.07	.25945	.08148	.22600	175.73
#2	.01088	.00217	218.65	.25585	.08137	.22708	175.81
#3	.01118	.00238	218.50	.25896	.08169	.22727	175.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8648	55.803	.14488	-.00804	5.8536	.31455	.98808
Stddev	.0057	.230	.00045	.00056	.0204	.00053	.00042
%RSD	.14746	.41130	.30963	7.0122	.34907	.16700	.04295

#1	3.8654	55.740	.14443	-.00764	5.8724	.31462	.98819
#2	3.8589	55.611	.14533	-.00781	5.8319	.31504	.98843
#3	3.8702	56.057	.14490	-.00869	5.8567	.31399	.98761

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.897	.00432	.08766	7.2422	5.0535	.02896	3.1051
Stddev	.020	.00025	.01045	.0180	.0353	.00029	.0189
%RSD	.15308	5.7859	11.923	.24876	.69909	1.0062	.60913

#1	12.919	.00422	.09264	7.2279	5.0677	.02863	3.1262
#2	12.888	.00461	.07565	7.2625	5.0133	.02904	3.0997
#3	12.883	.00414	.09469	7.2362	5.0796	.02920	3.0895

Sample Name: K2434-01 Acquired: 4/17/2019 15:53:47 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-288 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10184	4.795	.75486	2.0352	F<.00000
Stddev	.00101	.023	.00338	.1223	1.2691
%RSD	.99000	.4740	.44731	6.0090	11.908

#1	.10219	4.806	.75841	2.0943	-11.995
#2	.10070	4.809	.75447	1.8946	-10.507
#3	.10263	4.769	.75169	2.1168	-9.4701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4990.0	64487.	7325.3	75.868	4490.5
Stddev	11.4	37.	39.1	.194	8.6
%RSD	.22847	.05726	.53423	.25530	.19187

#1	4977.5	64522.	7287.7	75.999	4481.0
#2	4999.8	64448.	7322.3	75.960	4497.8
#3	4992.6	64490.	7365.8	75.646	4492.7

Sample Name: K2435-01 Acquired: 4/17/2019 15:58:12 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BWM-S1-SOIL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10032	.00847	6.8678	.02351	.03006	102.56	.94192
Stddev	.00079	.00075	.0127	.00121	.00112	.55	.00371
%RSD	.78320	8.8005	.18488	5.1509	3.7134	.53372	.39440

#1	.10112	.00894	6.8795	.02322	.02985	102.34	.93891
#2	.10031	.00761	6.8543	.02483	.03126	103.18	.94607
#3	.09954	.00886	6.8695	.02246	.02906	102.15	.94077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01137	.07722	170.06	.21349	.14444	32.618	184.11
Stddev	.00013	.00019	.98	.00047	.00043	.022	.30
%RSD	1.1637	.24511	.57555	.21979	.29477	.06638	.16311

#1	.01130	.07716	169.97	.21299	.14422	32.641	183.77
#2	.01152	.07743	169.13	.21355	.14494	32.614	184.31
#3	.01129	.07707	171.08	.21393	.14417	32.598	184.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0511	78.102	.93765	-.00040	12.566	.29472	F 35.471
Stddev	.0229	.223	.00208	.00058	.041	.00130	.069
%RSD	.45312	.28548	.22150	146.02	.32754	.44227	.19455

#1	5.0530	78.094	.93526	-.00085	12.554	.29324	35.475
#2	5.0730	78.329	.93906	-.00060	12.612	.29572	35.401
#3	5.0274	77.884	.93862	.00026	12.533	.29518	35.539

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.357	-.00418	.09580	3.6531	2.8513	1.1348	3.0172
Stddev	.055	.00064	.00356	.0018	.0458	.0022	.0141
%RSD	.29946	15.312	3.7172	.04863	1.6068	.19369	.46631

#1	18.296	-.00492	.09233	3.6545	2.8739	1.1338	3.0113
#2	18.402	-.00387	.09563	3.6538	2.7986	1.1334	3.0070
#3	18.374	-.00375	.09945	3.6511	2.8814	1.1374	3.0333

Sample Name: K2435-01 Acquired: 4/17/2019 15:58:12 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BWM-S1-SOIL- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13388	7.037	.32552	1.9875	F<.00000
Stddev	.00045	.021	.00126	.1014	1.4450
%RSD	.33863	.2965	.38856	5.1004	10.647
#1	.13345	7.027	.32590	2.1007	-14.005
#2	.13435	7.061	.32410	1.9569	-14.750
#3	.13386	7.023	.32654	1.9050	-11.959
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4857.4	64309.	7251.1	75.222	4431.5
Stddev	2.5	202.	42.1	.949	2.5
%RSD	.05138	.31479	.58083	1.2616	.05643
#1	4854.6	64532.	7259.5	74.401	4429.5
#2	4858.3	64136.	7288.4	76.261	4434.3
#3	4859.4	64258.	7205.4	75.004	4430.8

Sample Name: PB118994BL Acquired: 4/17/2019 16:02:53 Type: Unk
Method: P4-ICP2(v3057) 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	-.00105	.00060	.00256	.00007	.00090	-.02069	.00149	-.00001
Stddev	.00313	.00042	.00043	.00232	.00023	.00132	.00014	.00001
%RSD	298.13	69.033	16.647	3183.9	25.325	6.3571	9.5165	108.65
#1	-.00299	.00073	.00212	.00212	.00078	-.02203	.00148	-.00002
#2	-.00271	.00014	.00297	-.00244	.00076	-.02064	.00136	-.00000
#3	.00256	.00094	.00260	.00054	.00117	-.01940	.00164	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01041	-.00034	-.00012	-.00001	.00304	.00009	-.01464
Stddev	.00007	.01464	.00036	.00017	.00026	.00024	.00001	.02846
%RSD	215.12	140.64	104.44	143.41	2400.2	8.0262	12.312	194.38
#1	.00005	-.00153	-.00073	.00005	.00019	.00328	.00009	-.03387
#2	-.00008	-.02730	-.00028	-.00011	-.00031	.00305	.00010	-.02812
#3	-.00006	-.00239	-.00002	-.00030	.00009	.00279	.00008	.01805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00104	.04264	-.00074	.00271	-.04208	-.00043	-.00189
Stddev	.00021	.00006	.00787	.00026	.00031	.04108	.00010	.01610
%RSD	34.132	5.8199	18.456	35.707	11.495	97.608	24.137	850.30
#1	.00042	-.00108	.03518	-.00046	.00304	-.07383	-.00042	-.01550
#2	.00085	-.00106	.04187	-.00077	.00264	-.05673	-.00054	-.00606
#3	.00061	-.00097	.05086	-.00098	.00243	.00431	-.00033	.01588
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.00056	-.00190	-.00021	-.00707	-.0015	-.00010	F 4.4949
Stddev	.00049	.00089	.00050	.00188	.00047	.0007	.00006	.1892
%RSD	45.768	158.33	26.439	874.48	6.6821	45.15	64.131	4.2099
#1	.00053	-.00014	-.00198	.00181	-.00676	-.0011	-.00003	4.2777
#2	.00149	.00026	-.00136	-.00191	-.00761	-.0023	-.00013	4.6240
#3	.00118	.00157	-.00235	-.00054	-.00684	-.0011	-.00013	4.5830

Sample Name: PB118994BL Acquired: 4/17/2019 16:02:53 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0967
Stddev	.4914
%RSD	44.810

#1	1.0330
#2	1.6169
#3	.64022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4854.5	62407.	6529.0	78.411	5410.3
Stddev	8.1	95.	35.6	.803	6.2
%RSD	.16726	.15294	.54531	1.0245	.11533

#1	4846.4	62303.	6488.1	79.275	5404.4
#2	4854.6	62491.	6545.9	77.686	5409.8
#3	4862.7	62427.	6553.0	78.273	5416.8

Sample Name: PB118994BS Acquired: 4/17/2019 16:07:21 Type: Unk
Method: P4-ICP2(v3057) 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	.75878	1.9621	.96289	1.9649	.77824	1.8274	.19748
Stddev	.00361	.0052	.00128	.0091	.00664	.0160	.00096
%RSD	.47531	.26620	.13288	.46475	.85351	.87448	.48413

#1	.75613	1.9607	.96157	1.9629	.77057	1.8155	.19700
#2	.76289	1.9679	.96412	1.9748	.78210	1.8210	.19686
#3	.75733	1.9578	.96298	1.9569	.78205	1.8455	.19859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19425	.18264	.98655	.37777	.19412	.30695	2.9762
Stddev	.00056	.00052	.00577	.00116	.00083	.00043	.0064
%RSD	.28934	.28201	.58499	.30666	.42505	.13979	.21581

#1	.19439	.18212	.98149	.37831	.19339	.30655	2.9688
#2	.19363	.18315	.98533	.37855	.19502	.30740	2.9806
#3	.19473	.18264	.99284	.37644	.19396	.30691	2.9791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20334	1.9149	.47285	.06844	2.9236	.27900	.19500
Stddev	.00011	.0221	.00085	.00032	.0143	.00104	.00026
%RSD	.05628	1.1517	.17912	.47375	.48749	.37453	.13219

#1	.20333	1.9386	.47272	.06872	2.9172	.28021	.19477
#2	.20324	1.8949	.47376	.06808	2.9137	.27837	.19528
#3	.20347	1.9111	.47208	.06851	2.9399	.27843	.19496

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7597	.41411	.28525	F -.00324	.84912	.67094	.19724
Stddev	.0325	.00137	.00609	.00093	.00436	.00038	.00227
%RSD	.33289	.33168	2.1338	28.756	.51361	.05606	1.1501

#1	9.7486	.41281	.29048	-.00385	.85334	.67109	.19890
#2	9.7343	.41555	.27857	-.00217	.84939	.67052	.19466
#3	9.7963	.41399	.28670	-.00371	.84463	.67123	.19817

Sample Name: PB118994BS Acquired: 4/17/2019 16:07:21 Type: Unk
Method: P4-ICP2(v3057) 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	.17281	5.220	.18729	F 5.1183	F<.00000
Stddev	.00110	.018	.00062	.1282	.72117
%RSD	.63936	.3437	.33349	2.5041	292.84
#1	.17399	5.223	.18777	5.0915	.03098
#2	.17261	5.236	.18752	5.0057	.29514
#3	.17181	5.200	.18658	5.2578	-1.0649
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4790.6	61506.	6496.5	79.115	5204.1
Stddev	2.9	111.	28.7	2.190	6.9
%RSD	.06083	.18031	.44203	2.7680	.13200
#1	4787.2	61577.	6498.7	79.328	5196.4
#2	4791.9	61378.	6466.7	76.826	5206.1
#3	4792.6	61563.	6524.0	81.191	5209.7

Sample Name: K2397-17 Acquired: 4/17/2019 16:11:27 Type: Unk
Method: P4-ICP2(v3057) 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	.04609	.00268	4.4101	.01833	.03269	17.650	3.1214	.00325
Stddev	.00203	.00013	.0017	.00309	.00131	.054	.0033	.00004
%RSD	4.4018	4.6834	.03904	16.861	4.0144	.30481	.10513	1.1676
#1	.04841	.00254	4.4109	.02165	.03167	17.598	3.1237	.00325
#2	.04465	.00278	4.4112	.01779	.03223	17.645	3.1228	.00321
#3	.04521	.00271	4.4081	.01554	.03417	17.705	3.1177	.00329
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	190.03	.08646	.01984	1.8279	63.743	1.6618	49.391
Stddev	.00015	.96	.00078	.00034	.0060	.484	.0003	.285
%RSD	5.1495	.50466	.90478	1.7350	.32949	.75938	.01903	.57688
#1	.00299	188.95	.08655	.02001	1.8277	63.246	1.6617	49.071
#2	.00272	190.38	.08563	.02005	1.8220	64.212	1.6622	49.617
#3	.00296	190.77	.08719	.01944	1.8340	63.772	1.6617	49.484
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05799	.01299	293.54	.05627	2.3537	26.958	.00506	.74961
Stddev	.00070	.00044	1.86	.00025	.0032	.114	.00021	.01130
%RSD	1.2103	3.3660	.63215	.44514	.13633	.42203	4.2341	1.5079
#1	.05800	.01253	291.63	.05642	2.3545	26.829	.00512	.75150
#2	.05868	.01340	293.65	.05640	2.3502	26.998	.00525	.75984
#3	.05728	.01305	295.34	.05598	2.3564	27.046	.00483	.73748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1154	F 39.386	.35172	.65461	.15179	4.698	1.0422	6.1558
Stddev	.0147	.159	.00079	.02654	.00121	.007	.0038	.0790
%RSD	.18142	.40480	.22451	4.0541	.80042	.1587	.36206	1.2837
#1	8.1115	39.202	.35197	.63487	.15189	4.696	1.0383	6.1435
#2	8.1030	39.474	.35083	.68478	.15295	4.692	1.0424	6.0836
#3	8.1317	39.481	.35235	.64418	.15053	4.706	1.0458	6.2402

Sample Name: K2397-17 Acquired: 4/17/2019 16:11:27 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.1013
Stddev	.2529
%RSD	2.7788

#1	9.0589
#2	8.8723
#3	9.3727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4418.5	57346.	6477.9	73.666	4332.7
Stddev	7.0	157.	10.5	.504	4.9
%RSD	.15832	.27339	.16181	.68433	.11421

#1	4416.3	57295.	6487.3	74.094	4327.2
#2	4426.3	57221.	6466.6	73.111	4336.8
#3	4412.9	57522.	6479.7	73.795	4334.0

Sample Name: K2397-17DUP Acquired: 4/17/2019 16:15:58 Type: Unk
Method: P4-ICP2(v3057) 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	.04903	.00319	4.3759	.01899	.03160	17.550	3.1312	.00322
Stddev	.00120	.00085	.0047	.00295	.00091	.045	.0044	.00013
%RSD	2.4518	26.705	.10695	15.542	2.8947	.25745	.13986	3.9189
#1	.04803	.00306	4.3791	.02206	.03266	17.508	3.1360	.00312
#2	.05036	.00241	4.3780	.01873	.03110	17.598	3.1275	.00319
#3	.04870	.00410	4.3705	.01617	.03105	17.544	3.1302	.00336
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	189.62	.08624	.01934	1.8175	64.021	1.6553	49.415
Stddev	.00004	.19	.00075	.00033	.0024	.619	.0021	.220
%RSD	1.3992	.09977	.87196	1.6867	.12914	.96710	.12432	.44617
#1	.00273	189.50	.08677	.01925	1.8194	64.734	1.6569	49.168
#2	.00274	189.84	.08658	.01907	1.8183	63.714	1.6529	49.483
#3	.00280	189.52	.08538	.01970	1.8149	63.616	1.6559	49.593
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05771	.01296	291.68	.05568	2.3259	27.127	.00515	.74645
Stddev	.00026	.00021	.76	.00057	.0022	.072	.00022	.01621
%RSD	.44592	1.5913	.26142	1.0326	.09472	.26463	4.3197	2.1722
#1	.05792	.01309	292.34	.05601	2.3285	27.160	.00491	.76201
#2	.05742	.01307	291.85	.05501	2.3245	27.044	.00519	.72965
#3	.05778	.01272	290.85	.05600	2.3248	27.176	.00535	.74769
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0216	F 38.918	.34918	.62731	.15318	4.651	1.0427	5.7481
Stddev	.0089	.144	.00115	.01458	.00273	.004	.0031	.1228
%RSD	.11048	.36929	.32882	2.3237	1.7799	.0800	.30086	2.1366
#1	8.0139	38.963	.35044	.61509	.15019	4.649	1.0438	5.6179
#2	8.0196	39.033	.34818	.64344	.15383	4.648	1.0450	5.8619
#3	8.0313	38.757	.34892	.62339	.15552	4.655	1.0391	5.7645

Sample Name: K2397-17DUP Acquired: 4/17/2019 16:15:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.1307
Stddev	.5548
%RSD	6.8241

#1	8.3718
#2	7.4961
#3	8.5241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4437.4	57493.	6514.4	75.244	4356.3
Stddev	3.9	244.	41.7	.896	11.6
%RSD	.08868	.42435	.64002	1.1913	.26664

#1	4434.3	57227.	6479.0	76.108	4345.8
#2	4441.8	57547.	6503.9	74.319	4368.8
#3	4436.1	57705.	6560.4	75.306	4354.4

Sample Name: K2397-17LX5 Acquired: 4/17/2019 16:20:28 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	.00195	.92227	.00414	.00657	3.4636	.62374	.00069	.00033
Stddev	.00055	.00063	.00164	.00220	.00148	.0205	.00350	.00010	.00007
%RSD	6.1907	32.474	.17803	53.097	22.505	.59111	.56093	14.869	20.416
#1	.00943	.00153	.92216	.00180	.00670	3.4404	.62766	.00080	.00041
#2	.00834	.00164	.92069	.00616	.00799	3.4790	.62092	.00067	.00028
#3	.00884	.00268	.92397	.00444	.00504	3.4714	.62266	.00060	.00032
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.226	.01810	.00391	.39787	14.106	.34831	10.129	.01163	.00195
Stddev	.320	.00046	.00021	.00074	.028	.00092	.017	.00007	.00001
%RSD	.79461	2.5243	5.2507	.18581	.19983	.26324	.16894	.63507	.30934
#1	40.457	.01806	.00414	.39868	14.109	.34875	10.116	.01169	.00195
#2	40.361	.01767	.00384	.39770	14.076	.34726	10.122	.01165	.00195
#3	39.861	.01858	.00375	.39723	14.132	.34894	10.148	.01155	.00194
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	59.624	.01111	.46098	5.3724	.00078	.14343	1.5722	8.5051	.06998
Stddev	.325	.00030	.00087	.0268	.00043	.01294	.0073	.0596	.00023
%RSD	.54439	2.7439	.18955	.49823	55.308	9.0218	.46578	.70052	.32267
#1	59.950	.01144	.46003	5.3824	.00108	.13293	1.5652	8.4541	.06999
#2	59.300	.01084	.46175	5.3420	.00028	.13948	1.5798	8.5706	.07020
#3	59.624	.01104	.46115	5.3926	.00096	.15788	1.5715	8.4906	.06975
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.12593	.02979	.9104	.21822	5.1243	4.1883			
Stddev	.00241	.00146	.0037	.00191	.0462	.4018			
%RSD	1.9164	4.9150	.4044	.87409	.90223	9.5944			
#1	.12419	.02954	.9062	.21913	5.1134	4.4845			
#2	.12492	.03136	.9122	.21950	5.1750	3.7309			
#3	.12869	.02847	.9129	.21603	5.0845	4.3496			

Sample Name: K2397-17LX5 Acquired: 4/17/2019 16:20:28 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4674.6	60343.	6551.6	77.616	4864.9
Stddev	2.1	177.	53.2	.317	4.0
%RSD	.04464	.29315	.81219	.40905	.08256
#1	4672.4	60156.	6533.8	77.260	4869.5
#2	4674.9	60508.	6509.6	77.715	4863.0
#3	4676.6	60364.	6611.4	77.872	4862.1

Sample Name: CCV05 Acquired: 4/17/2019 16:39:03 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14850 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2252	5.0708	5.0564	5.1545	5.1765	9.5946	10.117	.25241
Stddev	.0102	.0204	.0085	.0130	.0077	.0846	.040	.00066
%RSD	.19538	.40323	.16815	.25127	.14919	.88148	.39991	.26219
#1	5.2337	5.0544	5.0478	5.1564	5.1853	9.5106	10.081	.25182
#2	5.2280	5.0644	5.0567	5.1407	5.1712	9.5934	10.109	.25312
#3	5.2139	5.0937	5.0648	5.1664	5.1729	9.6797	10.161	.25228
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4265	24.456	.94757	2.5250	1.2525	4.9426	2.5437	25.290
Stddev	.0051	.090	.00178	.0054	.0010	.0044	.0041	.314
%RSD	.20975	.36929	.18755	.21559	.07922	.08842	.16074	1.2429
#1	2.4208	24.525	.94958	2.5191	1.2514	4.9446	2.5476	24.985
#2	2.4281	24.353	.94693	2.5262	1.2531	4.9456	2.5441	25.272
#3	2.4307	24.489	.94621	2.5298	1.2531	4.9376	2.5394	25.613
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4284	1.2451	24.335	2.3645	2.5529	25.370	5.3182	4.9523
Stddev	.0096	.0011	.118	.0071	.0035	.131	.0088	.0420
%RSD	.39473	.08714	.48623	.30116	.13815	.51580	.16569	.84885
#1	2.4183	1.2442	24.230	2.3719	2.5491	25.240	5.3281	4.9344
#2	2.4297	1.2447	24.312	2.3640	2.5536	25.367	5.3153	4.9222
#3	2.4374	1.2463	24.463	2.3576	2.5560	25.502	5.3112	5.0004
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2186	4.8718	5.0359	5.0116	4.5945	5.058	4.9103	F 5.8383
Stddev	.0116	.0263	.0071	.0192	.0319	.014	.0460	.1409
%RSD	.22312	.54096	.14023	.38303	.69499	.2737	.93752	2.4139
#1	5.2228	4.9003	5.0290	5.0336	4.6286	5.056	4.9541	5.9827
#2	5.2054	4.8667	5.0356	5.0026	4.5895	5.045	4.9145	5.8310
#3	5.2275	4.8483	5.0431	4.9985	4.5653	5.073	4.8623	5.7012

Sample Name: CCV05 Acquired: 4/17/2019 16:39:03 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14850 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2385
Stddev .6680
%RSD 29.840

#1 1.4833
#2 2.7520
#3 2.4802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4612.1	59776.	6461.5	74.919	4750.1
Stddev	21.0	56.	72.9	1.054	7.7
%RSD	.45553	.09399	1.1281	1.4071	.16186

#1	4591.1	59711.	6388.2	73.718	4744.8
#2	4611.9	59805.	6462.5	75.345	4746.6
#3	4633.2	59811.	6533.9	75.693	4758.9

Sample Name: CCB05 Acquired: 4/17/2019 16:43:05 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14850 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.00040	.00039	.00014	.00125	-.01640	.00139	.00002
Stddev	.00151	.00135	.00035	.00281	.00061	.00364	.00058	.00004
%RSD	136.27	334.96	89.561	2072.8	48.627	22.220	42.099	224.05
#1	-.00255	.00078	.00067	-.00061	.00134	-.01247	.00073	-.00003
#2	-.00122	.00152	.00051	.00325	.00060	-.01706	.00184	.00003
#3	.00046	-.00110	-.00000	-.00223	.00180	-.01967	.00160	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00114	-.00001	.00002	-.00038	-.00068	.00008	-.00644
Stddev	.00004	.01051	.00016	.00005	.00057	.00104	.00004	.03428
%RSD	102.48	925.10	1460.7	236.69	149.18	154.20	50.446	532.46
#1	-.00005	-.01094	.00014	-.00004	.00006	-.00053	.00005	.02758
#2	.00001	.00821	-.00018	.00005	-.00018	-.00178	.00013	-.04098
#3	-.00006	.00614	.00001	.00005	-.00102	.00029	.00006	-.00591
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00084	.05781	-.00045	.00013	-.05316	.00027	.00164
Stddev	.00009	.00047	.00558	.00043	.00006	.02713	.00008	.01705
%RSD	11.885	55.728	9.6471	96.025	49.781	51.034	31.667	1041.8
#1	.00073	-.00032	.06023	-.00094	.00006	-.06002	.00033	-.00993
#2	.00066	-.00098	.05143	-.00015	.00014	-.02326	.00030	-.00638
#3	.00083	-.00122	.06176	-.00025	.00018	-.07620	.00017	.02122
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00045	-.00091	-.00116	-.00542	-.0028	.00003	F 4.7676
Stddev	.00298	.00239	.00054	.00091	.00228	.0005	.00000	.0591
%RSD	3411.4	527.25	59.073	78.569	42.044	18.55	18.871	1.2400
#1	-.00070	.00041	-.00039	-.00150	-.00659	-.0031	.00002	4.7112
#2	.00315	.00287	-.00087	-.00013	-.00689	-.0031	.00003	4.7625
#3	-.00272	-.00192	-.00146	-.00186	-.00280	-.0022	.00003	4.8291

Sample Name: CCB05 Acquired: 4/17/2019 16:43:05 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14850 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5295
Stddev .3226
%RSD 21.093

#1 1.1725
#2 1.8001
#3 1.6158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4836.3	62121.	6516.4	79.786	5403.9
Stddev	7.3	139.	29.8	.383	3.4
%RSD	.15117	.22325	.45715	.47964	.06284

#1	4829.3	61997.	6535.6	80.198	5400.6
#2	4843.9	62097.	6531.6	79.720	5403.8
#3	4835.9	62271.	6482.1	79.441	5407.4

Sample Name: K2397-17MS Acquired: 4/17/2019 17:00:28 Type: Unk
Method: P4-ICP2(v3057) 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	.79141	1.7518	4.9268	1.8670	.74318	19.309	3.0564	.19162
Stddev	.00151	.0044	.0076	.0086	.00335	.040	.0163	.00038
%RSD	.19036	.25231	.15319	.46153	.45013	.20622	.53368	.19924
#1	.78968	1.7569	4.9208	1.8721	.74617	19.354	3.0719	.19200
#2	.79211	1.7487	4.9352	1.8571	.74381	19.279	3.0578	.19162
#3	.79244	1.7498	4.9243	1.8720	.73957	19.293	3.0394	.19124
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18087	176.55	.42558	.20744	1.9396	60.504	1.7006	47.524
Stddev	.00080	.52	.00131	.00098	.0017	.030	.0037	.245
%RSD	.44185	.29562	.30825	.47039	.08524	.05005	.21577	.51506
#1	.18175	177.00	.42709	.20841	1.9409	60.538	1.7048	47.798
#2	.18067	176.68	.42494	.20746	1.9403	60.478	1.6979	47.327
#3	.18020	175.98	.42471	.20646	1.9378	60.497	1.6991	47.447
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50532	.07742	271.71	.32025	2.3209	34.591	.38620	.98915
Stddev	.00199	.00023	2.36	.00080	.0011	.142	.00152	.01322
%RSD	.39304	.29486	.87027	.25128	.04631	.41046	.39462	1.3362
#1	.50761	.07729	273.69	.32004	2.3207	34.728	.38779	1.0044
#2	.50430	.07768	269.09	.32114	2.3199	34.601	.38476	.98076
#3	.50405	.07728	272.36	.31958	2.3220	34.444	.38604	.98231
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3203	F 38.087	.95483	.75083	.31156	9.815	1.1424	5.6148
Stddev	.0368	.116	.00205	.00740	.00154	.040	.0050	.1018
%RSD	.50322	.30494	.21511	.98558	.49529	.4060	.44246	1.8138
#1	7.3544	38.201	.95684	.75925	.31229	9.846	1.1475	5.7090
#2	7.2812	38.091	.95274	.74537	.30979	9.770	1.1424	5.5067
#3	7.3253	37.969	.95490	.74788	.31260	9.829	1.1374	5.6286

Sample Name: K2397-17MS Acquired: 4/17/2019 17:00:28 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.7362
Stddev	.7627
%RSD	11.323

#1	7.3200
#2	7.0153
#3	5.8732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4421.5	57805.	6497.8	74.219	4369.2
Stddev	.7	171.	15.0	2.204	4.2
%RSD	.01472	.29516	.23042	2.9698	.09637

#1	4420.8	57611.	6480.6	72.397	4365.7
#2	4422.0	57931.	6507.9	76.669	4368.0
#3	4421.9	57873.	6505.0	73.590	4373.9

Sample Name: K2397-17A Acquired: 4/17/2019 17:04:44 Type: Unk
Method: P4-ICP2(v3057) 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	.84293	1.8581	5.2048	1.9934	.78866	20.202	3.2342	.20333
Stddev	.00238	.0146	.0159	.0168	.00348	.136	.0129	.00085
%RSD	.28229	.78500	.30648	.84504	.44140	.67254	.39976	.41899
#1	.84560	1.8749	5.2200	2.0061	.79256	20.105	3.2280	.20430
#2	.84102	1.8512	5.2061	1.9743	.78754	20.357	3.2491	.20299
#3	.84218	1.8483	5.1882	1.9997	.78588	20.143	3.2256	.20271
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19221	187.07	.45247	.22048	2.0377	64.119	1.8052	50.344
Stddev	.00069	.09	.00143	.00167	.0042	.235	.0042	.257
%RSD	.35735	.04701	.31516	.75546	.20601	.36610	.23319	.51058
#1	.19299	187.16	.45390	.22218	2.0413	64.221	1.8090	50.069
#2	.19170	187.04	.45246	.22039	2.0387	64.286	1.8059	50.579
#3	.19194	186.99	.45104	.21886	2.0331	63.851	1.8006	50.383
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53644	.08187	288.31	.33962	2.4579	36.936	.40760	1.0331
Stddev	.00444	.00038	.94	.00120	.0111	.179	.00313	.0027
%RSD	.82777	.46221	.32694	.35392	.45017	.48543	.76704	.26257
#1	.54114	.08177	287.41	.33977	2.4694	36.813	.41113	1.0311
#2	.53588	.08155	288.23	.34074	2.4570	37.142	.40648	1.0320
#3	.53231	.08229	289.29	.33835	2.4473	36.854	.40519	1.0362
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7894	F 38.611	1.0120	.79880	.33688	F 10.34	1.2133	5.9370
Stddev	.0620	.223	.0080	.00833	.00186	.08	.0043	.0940
%RSD	.79548	.57714	.78599	1.0432	.55089	.8098	.35557	1.5829
#1	7.8605	38.861	1.0211	.80637	.33898	10.44	1.2161	5.8285
#2	7.7470	38.538	1.0080	.78987	.33623	10.30	1.2155	5.9897
#3	7.7606	38.434	1.0068	.80016	.33544	10.28	1.2083	5.9927

Sample Name: K2397-17A Acquired: 4/17/2019 17:04:44 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5966
Stddev	.3237
%RSD	5.7846

#1	5.2228
#2	5.7791
#3	5.7878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.7	57073.	6399.6	74.303	4309.4
Stddev	5.6	82.	36.5	1.425	5.9
%RSD	.12806	.14386	.56987	1.9183	.13799

#1	4373.5	57015.	6358.4	75.173	4303.6
#2	4375.5	57036.	6412.4	72.658	4309.2
#3	4384.1	57167.	6427.9	75.077	4315.5

Sample Name: K2397-17MSD Acquired: 4/17/2019 17:09:00 Type: Unk
Method: P4-ICP2(v3057) 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	.78617	1.7478	4.9053	1.8696	.73968	19.210	3.0340	.19025
Stddev	.00133	.0051	.0031	.0036	.00173	.073	.0095	.00021
%RSD	.16889	.29171	.06226	.19138	.23428	.37879	.31483	.10790
#1	.78744	1.7422	4.9087	1.8723	.73921	19.292	3.0426	.19032
#2	.78479	1.7522	4.9026	1.8656	.73823	19.185	3.0356	.19002
#3	.78629	1.7489	4.9047	1.8710	.74160	19.154	3.0237	.19042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17975	175.06	.42263	.20713	1.9225	60.329	1.6889	47.023
Stddev	.00046	.22	.00074	.00039	.0021	.316	.0032	.078
%RSD	.25481	.12470	.17417	.18774	.11128	.52442	.19189	.16574
#1	.17938	174.85	.42341	.20672	1.9227	60.188	1.6925	47.112
#2	.17961	175.04	.42255	.20750	1.9203	60.108	1.6861	46.965
#3	.18026	175.29	.42194	.20718	1.9246	60.691	1.6880	46.993
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50144	.07718	267.73	.31752	2.3136	34.522	.38263	.96031
Stddev	.00057	.00035	1.63	.00034	.0007	.076	.00111	.01826
%RSD	.11432	.44746	.60709	.10697	.03169	.21956	.28958	1.9018
#1	.50204	.07754	269.59	.31729	2.3131	34.562	.38185	.94623
#2	.50137	.07685	266.59	.31791	2.3144	34.569	.38214	.95375
#3	.50090	.07715	267.01	.31735	2.3132	34.435	.38390	.98094
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3312	F 38.300	.94740	.77414	.31091	9.805	1.1348	5.6600
Stddev	.0268	.121	.00126	.01244	.00207	.033	.0012	.1949
%RSD	.36514	.31567	.13305	1.6066	.66477	.3326	.10791	3.4442
#1	7.3004	38.180	.94779	.77402	.30933	9.784	1.1356	5.8803
#2	7.3485	38.300	.94842	.78664	.31325	9.843	1.1353	5.5096
#3	7.3448	38.422	.94599	.76176	.31016	9.788	1.1334	5.5903

Sample Name: K2397-17MSD Acquired: 4/17/2019 17:09:00 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.2763
Stddev .3040
%RSD 4.8441

#1 6.6074
#2 6.0096
#3 6.2120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4451.6	58133.	6516.1	75.846	4388.3
Stddev	8.5	158.	17.7	1.488	4.7
%RSD	.19202	.27261	.27221	1.9622	.10792

#1	4444.5	57950.	6505.4	77.537	4383.1
#2	4461.1	58238.	6536.5	74.736	4392.3
#3	4449.2	58209.	6506.3	75.264	4389.7

Sample Name: K2430-03DLX10 Acquired: 4/17/2019 17:13:17 Type: Unk
Method: P4-ICP2(v3057) 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	.04689	.00086	87.136	.00362	.57890	15.249	2.1685	-.00020
Stddev	.00164	.00044	.062	.00112	.00465	.069	.0065	.00004
%RSD	3.4926	51.666	.07096	30.881	.80368	.45358	.29925	19.714
#1	.04718	.00035	87.168	.00255	.57514	15.234	2.1728	-.00016
#2	.04513	.00107	87.065	.00355	.58410	15.324	2.1717	-.00024
#3	.04837	.00116	87.175	.00478	.57747	15.188	2.1611	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08352	8.5125	F 50.180	.10295	.21077	16.293	.62986	11.438
Stddev	.00022	.0420	.249	.00048	.00090	.020	.00088	.056
%RSD	.25773	.49353	.49599	.46652	.42867	.12363	.13938	.49180
#1	.08330	8.5078	50.324	.10320	.20973	16.275	.62913	11.484
#2	.08354	8.5567	49.893	.10240	.21122	16.289	.63083	11.375
#3	.08372	8.4731	50.324	.10326	.21136	16.314	.62962	11.455
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01883	.00352	1.0526	.09811	F 42.897	19.492	-.01149	.03624
Stddev	.00012	.00062	.0054	.00083	1.068	.042	.00018	.01071
%RSD	.64824	17.510	.51365	.84674	2.4902	.21370	1.5676	29.561
#1	.01885	.00282	1.0585	.09891	43.686	19.502	-.01147	.04423
#2	.01870	.00376	1.0511	.09725	41.682	19.528	-.01168	.02407
#3	.01894	.00398	1.0480	.09816	43.324	19.446	-.01133	.04043
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7555	.09327	.09909	.47656	.00726	2.106	.06425	4.7802
Stddev	.0126	.00750	.00162	.00227	.00185	.006	.00020	.1577
%RSD	.26513	8.0370	1.6383	.47738	25.431	.2936	.30988	3.2983
#1	4.7471	.10108	.10003	.47598	.00547	2.110	.06409	4.8655
#2	4.7700	.08613	.10002	.47907	.00714	2.109	.06447	4.8768
#3	4.7495	.09259	.09721	.47463	.00916	2.099	.06419	4.5982

Sample Name: K2430-03DLX10 Acquired: 4/17/2019 17:13:17 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.0047
Stddev	.2440
%RSD	3.0479

#1	8.2296
#2	7.7453
#3	8.0392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4599.9	62152.	6755.1	80.197	5041.3
Stddev	10.2	160.	7.5	1.624	9.4
%RSD	.22094	.25753	.11067	2.0249	.18710

#1	4591.9	61972.	6759.5	78.327	5030.7
#2	4596.5	62277.	6759.4	81.013	5048.6
#3	4611.3	62206.	6746.5	81.252	5044.7

Sample Name: K2430-03DL2X500 Acquired: 4/17/2019 17:17:54 Type: Unk
Method: P4-ICP2(v3057) 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	-.00097	.00014	2.0007	-.00198	.01254	.32413	.04978	-.00000
Stddev	.00081	.00041	.0007	.00137	.00206	.00354	.00020	.00007
%RSD	83.768	283.23	.03298	69.228	16.386	1.0913	.39517	1505.8

#1	-.00138	-.00031	2.0011	-.00277	.01170	.32240	.04974	.00006
#2	-.00003	.00049	1.9999	-.00040	.01489	.32178	.04961	-.00007
#3	-.00150	.00025	2.0011	-.00277	.01105	.32819	.05000	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.20934	1.2160	.00231	.00459	.39008	.01499	.24122
Stddev	.00005	.01607	.0055	.00011	.00046	.00239	.00014	.02892
%RSD	2.6412	7.6752	.44934	4.9143	10.105	.61169	.93180	11.987

#1	.00177	.22753	1.2097	.00239	.00419	.39124	.01485	.23234
#2	.00185	.20343	1.2188	.00218	.00510	.39166	.01498	.21779
#3	.00177	.19707	1.2195	.00236	.00448	.38733	.01513	.27354

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	-.00110	.14265	.00172	1.8756	.44882	-.00068	-.01088
Stddev	.00026	.00035	.00828	.00012	.0014	.03844	.00014	.01084
%RSD	23.368	31.986	5.8047	6.9339	.07307	8.5651	20.952	99.624

#1	.00108	-.00151	.14765	.00167	1.8770	.45555	-.00084	-.00026
#2	.00141	-.00087	.13310	.00164	1.8743	.40746	-.00059	-.01046
#3	.00089	-.00092	.14721	.00186	1.8754	.48346	-.00060	-.02192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09845	.00093	.00069	.01173	-.00464	.0415	.00146	4.5045
Stddev	.00236	.00118	.00012	.00098	.00082	.0003	.00003	.0731
%RSD	2.3989	127.39	17.267	8.3478	17.682	.6946	2.0350	1.6224

#1	.09835	.00181	.00074	.01190	-.00487	.0417	.00146	4.4361
#2	.10086	-.00041	.00077	.01261	-.00373	.0412	.00143	4.5815
#3	.09614	.00139	.00055	.01067	-.00532	.0417	.00149	4.4958

Sample Name: K2430-03DL2X500 Acquired: 4/17/2019 17:17:54 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .71941
Stddev .91666
%RSD 127.42

#1 1.6543
#2 -.17791
#3 .68189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4862.0	63346.	6692.0	78.998	5395.1
Stddev	15.2	63.	29.0	1.172	15.1
%RSD	.31179	.09870	.43401	1.4835	.27980

#1	4849.9	63274.	6673.8	79.032	5378.2
#2	4857.2	63374.	6676.8	77.809	5399.9
#3	4879.0	63390.	6725.5	80.152	5407.3

Sample Name: K2435-01DLX10 Acquired: 4/17/2019 17:22:16 Type: Unk
Method: P4-ICP2(v3057) 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	.00963	.00188	.73736	.00729	.00431	11.357	.10601	.00125
Stddev	.00113	.00115	.00155	.00170	.00089	.027	.00040	.00003
%RSD	11.770	61.127	.20972	23.274	20.710	.23950	.37332	2.3525

#1	.01024	.00079	.73869	.00617	.00517	11.345	.10557	.00124
#2	.01034	.00177	.73566	.00924	.00436	11.337	.10633	.00122
#3	.00832	.00309	.73772	.00646	.00339	11.388	.10613	.00128

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00703	20.248	.02442	.01491	3.9405	25.081	.61101	8.9588
Stddev	.00003	.033	.00018	.00020	.0064	.041	.00083	.0612
%RSD	.38351	.16263	.75332	1.3415	.16341	.16189	.13658	.68342

#1	.00700	20.210	.02425	.01502	3.9404	25.122	.61135	9.0274
#2	.00705	20.264	.02439	.01468	3.9341	25.080	.61162	8.9395
#3	.00704	20.270	.02461	.01504	3.9469	25.041	.61006	8.9096

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09703	-.00028	1.4466	.03374	4.9850	1.9868	-.00088	.00522
Stddev	.00023	.00011	.0056	.00029	.0088	.0445	.00008	.01529
%RSD	.23643	39.300	.38933	.84976	.17725	2.2412	8.8703	292.69

#1	.09693	-.00027	1.4466	.03366	4.9864	1.9589	-.00097	-.01155
#2	.09687	-.00039	1.4410	.03405	4.9756	1.9633	-.00082	.00882
#3	.09729	-.00018	1.4522	.03350	4.9931	2.0381	-.00084	.01840

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34790	.30618	.11530	.35116	.01010	.6812	.03425	4.8207
Stddev	.00330	.01450	.00044	.00048	.00052	.0048	.00019	.0542
%RSD	.94808	4.7350	.38444	.13536	5.1117	.7029	.55301	1.1240

#1	.34778	.32251	.11494	.35157	.01057	.6782	.03424	4.8466
#2	.34466	.29483	.11580	.35064	.01019	.6786	.03445	4.8571
#3	.35126	.30121	.11517	.35126	.00955	.6867	.03407	4.7584

Sample Name: K2435-01DLX10 Acquired: 4/17/2019 17:22:16 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9694
Stddev	.8674
%RSD	44.043

#1	2.3622
#2	2.5708
#3	.97510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4809.7	62614.	6717.6	79.842	5125.7
Stddev	16.6	42.	4.3	1.633	20.2
%RSD	.34468	.06723	.06407	2.0453	.39498

#1	4790.6	62576.	6720.7	81.716	5102.3
#2	4820.0	62607.	6712.7	79.091	5136.8
#3	4818.5	62659.	6719.4	78.720	5137.9

Sample Name: K2311-11 Acquired: 4/17/2019 17:26:35 Type: Unk
Method: P4-ICP2(v3057) 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	.07595	.00369	.01048	.00459	.03087	-.22106	.28040	.00001
Stddev	.00084	.00096	.00069	.00074	.00125	.00850	.00047	.00011
%RSD	1.1112	25.949	6.6046	16.003	4.0367	3.8449	.16857	1437.6
#1	.07501	.00355	.01105	.00538	.02944	-.22766	.28043	-.00004
#2	.07621	.00471	.01069	.00449	.03174	-.21147	.28085	.00013
#3	.07663	.00281	.00971	.00392	.03143	-.22406	.27991	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	287.96	-.00565	.00177	.01617	.04536	.49525	1367.5
Stddev	.00006	2.93	.00014	.00040	.00019	.00101	.00055	2.5
%RSD	22.652	1.0172	2.5015	22.678	1.1928	2.2214	.11199	.18334
#1	-.00022	285.12	-.00558	.00149	.01609	.04580	.49578	1364.6
#2	-.00021	287.78	-.00556	.00159	.01639	.04606	.49530	1369.0
#3	-.00031	290.97	-.00581	.00223	.01603	.04420	.49467	1368.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00531	-.00012	F 4086.5	.00328	.02370	610.14	.07003	5.4838
Stddev	.00057	.00026	247.2	.00012	.00013	3.22	.00058	.0204
%RSD	10.720	210.58	6.0491	3.5508	.56621	.52770	.83097	.37243
#1	-.00490	-.00038	4356.1	.00318	.02385	613.24	.07066	5.4625
#2	-.00507	-.00011	4032.9	.00325	.02366	610.35	.06951	5.5032
#3	-.00596	.00013	3870.5	.00341	.02360	606.81	.06991	5.4856
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 836.69	6.3311	-.28742	-.01279	.28721	.3245	6.3652	11.902
Stddev	1.15	.0625	.00071	.00135	.02469	.0025	.0693	.084
%RSD	.13724	.98696	.24712	10.568	8.5978	.7767	1.0882	.70567
#1	837.12	6.2717	-.28814	-.01228	.25997	.3272	6.2940	11.967
#2	835.39	6.3253	-.28740	-.01177	.29353	.3222	6.3692	11.932
#3	837.56	6.3963	-.28672	-.01433	.30813	.3242	6.4324	11.807

Sample Name: K2311-11 Acquired: 4/17/2019 17:26:35 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0256
Stddev	.6200
%RSD	20.492

#1	3.5713
#2	3.1541
#3	2.3514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2871.5	38451.	5565.2	63.466	2662.3
Stddev	16.7	142.	36.5	.465	12.2
%RSD	.58265	.36971	.65567	.73262	.45701

#1	2861.4	38310.	5595.6	63.987	2653.5
#2	2890.8	38449.	5575.1	63.093	2676.2
#3	2862.2	38594.	5524.7	63.318	2657.1

Sample Name: K2311-12 Acquired: 4/17/2019 17:31:16 Type: Unk
Method: P4-ICP2(v3057) 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	.00809	.00037	.00847	-.00048	.01289	-.24101	.34580	.00000
Stddev	.00414	.00093	.00034	.00365	.00225	.01614	.00102	.00011
%RSD	51.151	251.55	4.0634	753.54	17.465	6.6985	.29550	7501.3
#1	.00467	-.00051	.00835	-.00121	.01333	-.25963	.34676	-.00002
#2	.01269	.00135	.00821	-.00372	.01045	-.23256	.34472	.00012
#3	.00691	.00027	.00886	.00347	.01489	-.23085	.34592	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	358.26	-.00747	.00267	.02683	.03237	1.9067	1464.6
Stddev	.00012	1.93	.00025	.00020	.00055	.00062	.0046	4.6
%RSD	45.015	.53871	3.3842	7.5814	2.0405	1.9283	.23910	.31402
#1	-.00038	356.15	-.00757	.00283	.02735	.03267	1.9040	1461.1
#2	-.00032	359.92	-.00718	.00244	.02626	.03279	1.9040	1463.0
#3	-.00014	358.72	-.00765	.00275	.02689	.03165	1.9119	1469.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00676	.00105	F 3468.6	.00121	.02141	613.50	.06333	5.4974
Stddev	.00068	.00094	99.1	.00012	.00016	2.35	.00025	.0365
%RSD	10.121	88.758	2.8576	9.6455	.76430	.38311	.38959	.66331
#1	-.00626	.00025	3583.1	.00130	.02145	611.33	.06333	5.4555
#2	-.00648	.00208	3412.4	.00125	.02155	613.17	.06358	5.5219
#3	-.00754	.00083	3410.4	.00108	.02123	616.00	.06308	5.5148
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 916.50	5.5415	-.32989	-.01373	.26123	.3191	6.7640	12.398
Stddev	3.12	.0293	.00201	.00033	.00566	.0030	.0546	.061
%RSD	.34007	.52776	.61008	2.3811	2.1662	.9253	.80741	.49396
#1	915.70	5.5348	-.32974	-.01406	.25581	.3221	6.7051	12.426
#2	919.94	5.5735	-.33198	-.01340	.26077	.3192	6.7740	12.440
#3	913.86	5.5161	-.32796	-.01373	.26710	.3162	6.8129	12.327

Sample Name: K2311-12 Acquired: 4/17/2019 17:31:16 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5452
Stddev	.9345
%RSD	26.361

#1	2.5865
#2	4.4535
#3	3.5955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.8	36996.	5286.8	60.023	2562.1
Stddev	3.9	77.	18.6	1.049	9.0
%RSD	.14252	.20860	.35231	1.7468	.35208

#1	2766.3	36968.	5304.3	59.278	2555.3
#2	2773.4	37084.	5267.2	61.222	2558.7
#3	2772.7	36937.	5288.9	59.568	2572.4

Sample Name: K2311-13 Acquired: 4/17/2019 17:35:57 Type: Unk
Method: P4-ICP2(v3057) 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	.02337	.00229	.01086	.00420	.01317	-.26066	.24472	-.00008
Stddev	.00469	.00227	.00164	.00355	.00287	.01164	.00174	.00005
%RSD	20.075	99.266	15.132	84.498	21.758	4.4668	.70936	61.764
#1	.01842	.00383	.00897	.00758	.00987	-.27332	.24614	-.00010
#2	.02776	-.00032	.01197	.00050	.01494	-.25827	.24279	-.00011
#3	.02392	.00336	.01163	.00451	.01472	-.25040	.24524	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	352.93	-.00682	.00182	.02440	.04907	1.5534	1475.6
Stddev	.00006	3.59	.00051	.00005	.00017	.00077	.0017	10.0
%RSD	42.754	1.0163	7.4214	2.7136	.71236	1.5732	.11004	.67878
#1	-.00010	351.72	-.00741	.00182	.02442	.04995	1.5515	1472.3
#2	-.00012	350.11	-.00649	.00178	.02422	.04875	1.5543	1467.7
#3	-.00022	356.97	-.00657	.00188	.02457	.04852	1.5545	1486.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00887	.00056	F 3259.6	.00320	.03854	633.15	.05335	5.6718
Stddev	.00071	.00045	68.9	.00101	.00016	4.41	.00019	.0187
%RSD	7.9646	81.135	2.1145	31.495	.42017	.69646	.36264	.33022
#1	-.00842	.00041	3337.9	.00212	.03872	635.49	.05321	5.6802
#2	-.00850	.00106	3232.9	.00335	.03840	628.07	.05327	5.6504
#3	-.00968	.00019	3208.0	.00411	.03849	635.90	.05357	5.6849
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 887.99	7.1864	-.31602	-.01222	.24589	.5461	6.8031	12.589
Stddev	2.85	.0381	.00097	.00212	.00541	.0039	.0234	.076
%RSD	.32128	.53045	.30747	17.369	2.2021	.7154	.34451	.60324
#1	886.61	7.1435	-.31562	-.01378	.24002	.5465	6.7769	12.614
#2	886.10	7.1992	-.31532	-.00980	.24695	.5421	6.8102	12.649
#3	891.27	7.2165	-.31713	-.01307	.25069	.5499	6.8221	12.503

Sample Name: K2311-13 Acquired: 4/17/2019 17:35:57 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8776
Stddev	.9462
%RSD	32.882

#1	2.1182
#2	2.5769
#3	3.9376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.2	37088.	5182.1	59.910	2569.4
Stddev	16.0	25.	20.6	.973	13.1
%RSD	.57819	.06721	.39720	1.6246	.50891

#1	2781.5	37060.	5205.5	60.681	2573.8
#2	2785.3	37099.	5173.8	60.234	2579.7
#3	2755.8	37106.	5166.9	58.817	2554.7

Sample Name: K2311-14 Acquired: 4/17/2019 17:40:37 Type: Unk
Method: P4-ICP2(v3057) 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	.06732	.00152	.01059	.00443	.00638	-.28808	.21671	-.00004
Stddev	.00150	.00153	.00083	.00259	.00245	.01965	.00029	.00011
%RSD	2.2326	100.63	7.8449	58.446	38.368	6.8204	.13358	304.26

#1	.06834	.00155	.00986	.00532	.00667	-.30221	.21705	.00007
#2	.06560	-.00002	.01042	.00645	.00380	-.26564	.21657	-.00015
#3	.06803	.00305	.01149	.00151	.00867	-.29638	.21652	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	358.95	-.00598	.00175	.00921	.20503	1.0881	1534.8
Stddev	.00014	.95	.00043	.00020	.00006	.00183	.0018	3.8
%RSD	61.822	.26559	7.1583	11.677	.63162	.89165	.16447	.24870

#1	-.00007	359.88	-.00600	.00163	.00925	.20338	1.0902	1530.9
#2	-.00032	357.98	-.00639	.00164	.00914	.20470	1.0871	1538.5
#3	-.00029	358.98	-.00554	.00199	.00924	.20700	1.0871	1535.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00828	.00025	F 3234.7	.00418	.01847	687.00	.02667	6.3917
Stddev	.00050	.00080	172.9	.00096	.00014	1.77	.00024	.0181
%RSD	6.0377	317.27	5.3445	22.937	.76828	.25823	.88986	.28371

#1	-.00867	-.00009	3424.3	.00523	.01860	688.59	.02641	6.4072
#2	-.00772	.00117	3193.9	.00335	.01832	685.09	.02671	6.3717
#3	-.00846	-.00033	3085.8	.00396	.01849	687.33	.02688	6.3962

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 819.32	F 11.875	-.28206	-.01091	.23309	.5748	7.6054	12.536
Stddev	1.00	.048	.00055	.00060	.00363	.0019	.0560	.066
%RSD	.12246	.40339	.19435	5.4756	1.5553	.3290	.73629	.52747

#1	818.87	11.926	-.28152	-.01105	.22991	.5767	7.6691	12.600
#2	820.47	11.868	-.28206	-.01142	.23233	.5747	7.5638	12.468
#3	818.63	11.831	-.28261	-.01025	.23704	.5730	7.5833	12.539

Sample Name: K2311-14 Acquired: 4/17/2019 17:40:37 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9671
Stddev .4852
%RSD 16.351

#1 2.9789
#2 2.4762
#3 3.4463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.6	36923.	5201.8	58.824	2556.9
Stddev	15.9	172.	40.3	1.288	12.7
%RSD	.57300	.46513	.77507	2.1892	.49538

#1	2752.0	36734.	5155.2	60.274	2544.3
#2	2767.0	36965.	5225.9	57.813	2556.8
#3	2783.7	37070.	5224.2	58.384	2569.6

Sample Name: CCV06 Acquired: 4/17/2019 17:45:18 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BWM-S2-SOIL- 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	5.2496	5.1096	5.1489	5.1489	5.1935	9.5839	10.060	.25559	2.4716
Stddev	.0134	.0294	.0089	.0133	.0112	.0327	.010	.00038	.0030
%RSD	.25543	.57490	.17299	.25747	.21547	.34108	.09936	.14939	.12208
#1	5.2367	5.1079	5.1509	5.1451	5.1862	9.5477	10.071	.25569	2.4719
#2	5.2635	5.1398	5.1566	5.1637	5.2063	9.6114	10.056	.25592	2.4745
#3	5.2485	5.0811	5.1391	5.1380	5.1878	9.5925	10.053	.25517	2.4685
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.799	.96354	2.5641	1.2667	5.0401	2.5882	25.378	2.4608	1.2565
Stddev	.020	.00229	.0022	.0018	.0119	.0053	.111	.0007	.0022
%RSD	.07939	.23791	.08683	.14379	.23621	.20323	.43554	.02950	.17510
#1	24.784	.96096	2.5652	1.2685	5.0438	2.5869	25.443	2.4603	1.2540
#2	24.821	.96536	2.5656	1.2667	5.0498	2.5940	25.441	2.4616	1.2571
#3	24.792	.96430	2.5615	1.2649	5.0268	2.5838	25.250	2.4604	1.2583
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.042	2.3929	2.5840	25.753	5.3866	4.9047	5.2891	4.9470	5.1029
Stddev	.424	.0039	.0056	.056	.0069	.0435	.0173	.0277	.0174
%RSD	1.7619	.16243	.21513	.21824	.12853	.88665	.32765	.56034	.34162
#1	24.462	2.3897	2.5822	25.816	5.3859	4.9104	5.2850	4.9438	5.1116
#2	24.050	2.3972	2.5902	25.707	5.3939	4.9451	5.3082	4.9210	5.1142
#3	23.614	2.3917	2.5795	25.736	5.3801	4.8587	5.2742	4.9762	5.0828
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0509	4.6275	5.084	4.9639	5.9796	2.5364			
Stddev	.0113	.0297	.031	.0171	.1205	.6143			
%RSD	.22281	.64281	.6013	.34496	2.0148	24.219			
#1	5.0415	4.6215	5.095	4.9616	5.9210	2.8427			
#2	5.0478	4.6011	5.108	4.9480	6.1182	2.9374			
#3	5.0633	4.6597	5.050	4.9820	5.8996	1.8292			

Sample Name: CCV06 Acquired: 4/17/2019 17:45:18 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BWM-S2-SOIL- 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	4566.9	58807.	6271.2	73.177	4695.1
Stddev	7.1	125.	37.4	1.136	9.7
%RSD	.15441	.21334	.59680	1.5520	.20608
#1	4564.9	58846.	6278.5	73.764	4693.9
#2	4561.0	58909.	6304.3	73.900	4686.1
#3	4574.7	58667.	6230.6	71.868	4705.3

Sample Name: CCB06 Acquired: 4/17/2019 18:08:12 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00031	.00013	-.00184	.00170	-.01224	.00186	-.00002
Stddev	.00177	.00021	.00093	.00272	.00090	.00983	.00052	.00003
%RSD	122.77	68.952	732.75	147.36	52.685	80.290	27.796	188.49

#1	-.00348	-.00009	-.00014	.00061	.00076	-.02331	.00244	-.00005
#2	-.00046	-.00032	.00116	-.00139	.00181	-.00891	.00170	-.00001
#3	-.00038	-.00052	-.00064	-.00476	.00254	-.00451	.00144	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00048	-.00011	-.00004	-.00017	.00039	.00003	-.04126
Stddev	.00006	.01358	.00036	.00012	.00021	.00035	.00010	.00610
%RSD	153.00	2807.4	320.28	290.35	120.81	88.733	322.21	14.776

#1	.00002	.00028	-.00002	-.00015	-.00017	.00023	-.00004	-.04651
#2	-.00005	.01269	-.00050	-.00006	.00004	.00079	-.00001	-.03457
#3	-.00009	-.01442	.00019	.00008	-.00038	.00015	.00015	-.04269

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00068	.84929	-.00028	.00033	.09628	.00003	-.00073
Stddev	.00023	.00021	.02539	.00040	.00010	.00987	.00020	.01927
%RSD	419.70	29.976	2.9899	140.59	29.126	10.249	607.82	2650.1

#1	.00008	-.00059	.82039	.00018	.00030	.08600	-.00009	-.02099
#2	-.00019	-.00092	.86802	-.00050	.00043	.10567	.00027	.00145
#3	.00028	-.00055	.85946	-.00053	.00025	.09717	-.00007	.01736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00942	-.00517	-.00186	-.00028	-.00562	-.0037	-.00002	4.9473
Stddev	.00249	.00236	.00026	.00051	.00008	.0013	.00001	.3852
%RSD	26.396	45.672	13.864	183.99	1.3993	34.41	41.261	7.7864

#1	.00867	-.00278	-.00207	.00020	-.00563	-.0043	-.00001	4.5214
#2	.00740	-.00524	-.00157	-.00022	-.00568	-.0046	-.00001	5.2713
#3	.01220	-.00750	-.00193	-.00081	-.00553	-.0023	-.00002	5.0493

Sample Name: CCB06 Acquired: 4/17/2019 18:08:12 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9934
 Stddev .6912
 %RSD 23.090

#1 2.4942
 #2 3.7823
 #3 2.7038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4747.6	62231.	6665.2	80.634	5301.7
Stddev	13.4	1882.	399.9	4.309	10.0
%RSD	.28288	3.0234	5.9998	5.3437	.18945

#1	4743.5	64402.	6411.9	78.289	5294.5
#2	4736.7	61217.	6457.4	78.007	5297.4
#3	4762.6	61073.	7126.2	85.607	5313.2

Sample Name: K2435-02 Acquired: 4/17/2019 18:12:40 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BWM-S2-SOIL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14004	.02895	7.9844	.04420	.06862	90.796	.94990
Stddev	.00242	.00359	.0192	.00107	.00169	.280	.00872
%RSD	1.7256	12.397	.24100	2.4134	2.4637	.30870	.91814

#1	.14027	.03250	8.0044	.04376	.07006	90.774	.95196
#2	.14234	.02902	7.9828	.04541	.06676	91.087	.95742
#3	.13752	.02532	7.9660	.04342	.06905	90.527	.94034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01393	.09028	153.27	.29706	.12725	44.865	174.54
Stddev	.00062	.00131	.07	.01709	.00157	.047	.35
%RSD	4.4833	1.4479	.04555	5.7543	1.2309	.10399	.20020

#1	.01453	.09154	153.25	.31445	.12836	44.812	174.67
#2	.01396	.09037	153.21	.29648	.12793	44.884	174.14
#3	.01329	.08893	153.34	.28027	.12546	44.900	174.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2704	77.420	.96040	.01139	14.312	.27063	F 35.686
Stddev	.0235	.598	.00615	.00156	.245	.00364	.537
%RSD	.55005	.77234	.64031	13.694	1.7149	1.3465	1.5051

#1	4.2975	77.259	.96021	.01317	14.433	.27338	36.186
#2	4.2555	78.082	.96665	.01079	14.473	.27201	35.753
#3	4.2581	76.919	.95435	.01022	14.029	.26650	35.118

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.438	.01634	.13079	4.7555	2.4418	1.7670	2.6782
Stddev	.144	.00236	.00923	.0186	.0176	.0061	.0014
%RSD	.82337	14.433	7.0561	.39072	.72300	.34376	.05413

#1	17.452	.01885	.12016	4.7691	2.4613	1.7716	2.6790
#2	17.574	.01598	.13547	4.7631	2.4270	1.7692	2.6765
#3	17.288	.01418	.13674	4.7344	2.4371	1.7601	2.6791

Sample Name: K2435-02 Acquired: 4/17/2019 18:12:40 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BWM-S2-SOIL- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15252	5.865	.31516	2.4577	F<.00000
Stddev	.00376	.043	.00142	.1215	.46202
%RSD	2.4623	.7399	.45093	4.9438	3.8268

#1	.15452	5.865	.31618	2.3202	-11.657
#2	.15485	5.909	.31577	2.5504	-12.571
#3	.14819	5.822	.31354	2.5026	-11.992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4828.9	64099.	7023.6	73.113	4447.4
Stddev	8.9	58.	40.9	1.119	11.7
%RSD	.18356	.09124	.58166	1.5304	.26312

#1	4820.3	64120.	7016.8	74.358	4434.3
#2	4838.0	64033.	7067.4	72.787	4451.1
#3	4828.5	64144.	6986.5	72.193	4456.9

Sample Name: K2441-03 Acquired: 4/17/2019 18:17:21 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01629	.00699	1.9624	.02863	.00994	141.83	.80194
Stddev	.00253	.00056	.0023	.00083	.00084	.48	.00447
%RSD	15.500	8.0625	.11536	2.9058	8.4393	.33511	.55770

#1	.01697	.00655	1.9633	.02951	.01043	141.39	.80187
#2	.01841	.00763	1.9641	.02853	.00897	141.75	.79750
#3	.01350	.00679	1.9598	.02786	.01041	142.34	.80644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01260	.00191	72.447	.16815	.13155	.48038	212.65
Stddev	.00006	.00014	.096	.00071	.00026	.00278	1.31
%RSD	.43831	7.4349	.13288	.42130	.19784	.57833	.61691

#1	.01263	.00193	72.521	.16765	.13179	.48137	212.05
#2	.01263	.00204	72.482	.16896	.13159	.48253	211.75
#3	.01254	.00176	72.338	.16784	.13127	.47724	214.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4526	45.478	.18727	-.00788	14.331	.30967	.74568
Stddev	.0041	.249	.00094	.00032	.060	.00083	.00020
%RSD	.06307	.54673	.50192	4.0763	.41645	.26720	.02678

#1	6.4567	45.273	.18686	-.00825	14.306	.31005	.74553
#2	6.4486	45.407	.18835	-.00767	14.287	.31024	.74560
#3	6.4523	45.755	.18661	-.00772	14.399	.30872	.74591

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2962	.00161	.10068	1.3702	4.6251	.09881	3.4390
Stddev	.0598	.00047	.00926	.0047	.0344	.00143	.0083
%RSD	.64290	29.313	9.2001	.34662	.74323	1.4485	.24157

#1	9.2711	.00213	.10868	1.3657	4.6427	.09770	3.4422
#2	9.2530	.00148	.10282	1.3696	4.6471	.10043	3.4452
#3	9.3644	.00122	.09053	1.3752	4.5855	.09832	3.4296

Sample Name: K2441-03 Acquired: 4/17/2019 18:17:21 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-18-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11309	F 15.17	.13824	1.1382	F<.00000
Stddev	.00077	.10	.00181	.1001	.70266
%RSD	.68521	.6353	1.3081	8.7900	4.3620

#1	.11353	15.07	.13933	1.0604	-15.430
#2	.11355	15.17	.13923	1.1033	-16.063
#3	.11220	15.27	.13615	1.2511	-16.833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5076.0	65546.	7205.5	73.891	4533.5
Stddev	16.0	46.	39.2	.885	7.8
%RSD	.31539	.06969	.54442	1.1972	.17179

#1	5065.6	65598.	7181.6	73.180	4531.8
#2	5068.0	65512.	7184.2	74.881	4526.7
#3	5094.4	65529.	7250.8	73.610	4542.0

Sample Name: K2196-05 Acquired: 4/17/2019 18:21:54 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01635	.01531	.30019	.03061	.01237	216.76	1.0221
Stddev	.00197	.00141	.00283	.00299	.00142	1.13	.0066
%RSD	12.064	9.2269	.94395	9.7815	11.467	.52040	.64646

#1	.01848	.01669	.29700	.02820	.01240	216.92	1.0255
#2	.01458	.01538	.30118	.02968	.01093	215.56	1.0145
#3	.01600	.01386	.30240	.03396	.01377	217.79	1.0263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02132	.00890	36.717	.26219	.20690	.30299	280.25
Stddev	.00013	.00012	.098	.00068	.00049	.00030	1.81
%RSD	.60344	1.3129	.26812	.26043	.23841	.09954	.64588

#1	.02137	.00893	36.748	.26151	.20649	.30334	278.17
#2	.02118	.00900	36.796	.26218	.20676	.30278	281.12
#3	.02142	.00878	36.606	.26288	.20744	.30287	281.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8731	55.735	.23319	-.01683	15.380	.58927	.96050
Stddev	.0297	.231	.00107	.00026	.090	.00212	.00065
%RSD	.60862	.41390	.45988	1.5429	.58721	.36013	.06802

#1	4.8390	55.637	.23210	-.01673	15.415	.58922	.96007
#2	4.8883	55.570	.23323	-.01712	15.277	.58718	.96017
#3	4.8922	55.999	.23425	-.01663	15.448	.59142	.96125

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.076	.00255	.13576	2.9191	3.1744	.02074	3.0418
Stddev	.089	.00026	.00729	.0217	.0414	.00080	.0045
%RSD	.80374	10.187	5.3686	.74361	1.3032	3.8657	.14871

#1	11.122	.00257	.14294	2.8989	3.1437	.02120	3.0456
#2	10.973	.00228	.12837	2.9163	3.2214	.02121	3.0368
#3	11.133	.00280	.13597	2.9421	3.1580	.01981	3.0430

Sample Name: K2196-05 Acquired: 4/17/2019 18:21:54 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20398	6.240	-.13454	<.00000	F<.00000
Stddev	.00125	.042	.00198	.08435	.91963
%RSD	.61246	.6754	1.4699	6.1703	1.8844
#1	.20266	6.215	-.13257	-1.4152	-48.081
#2	.20515	6.216	-.13454	-1.2697	-48.490
#3	.20412	6.288	-.13652	-1.4164	-49.838
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5356.8	69360.	7714.2	74.651	4424.1
Stddev	11.5	50.	51.8	2.090	5.9
%RSD	.21392	.07216	.67209	2.7991	.13293
#1	5344.4	69303.	7718.7	73.580	4417.5
#2	5359.1	69398.	7660.3	73.314	4428.8
#3	5367.0	69379.	7763.7	77.059	4426.0

Sample Name: K2436-01 Acquired: 4/17/2019 18:26:27 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07239	.00943	.78212	.02767	.01214	129.65	.95161
Stddev	.00408	.00078	.00128	.00236	.00107	1.00	.00589
%RSD	5.6408	8.3089	.16362	8.5145	8.8370	.77328	.61881

#1	.06824	.00860	.78068	.02640	.01179	128.74	.94600
#2	.07254	.00953	.78252	.02622	.01128	129.50	.95108
#3	.07640	.01016	.78314	.03039	.01334	130.72	.95774

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01489	.00472	117.45	.41385	.19095	.45066	224.67
Stddev	.00019	.00005	.61	.00235	.00063	.00144	.45
%RSD	1.2560	1.0529	.52065	.56678	.32861	.31910	.20009

#1	.01468	.00476	117.35	.41283	.19023	.44964	224.20
#2	.01503	.00467	118.10	.41218	.19139	.45230	225.10
#3	.01496	.00474	116.89	.41653	.19123	.45002	224.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7101	81.534	1.1359	-.00940	6.5895	.39499	1.2749
Stddev	.0180	.579	.0026	.00049	.0453	.00114	.0013
%RSD	.38140	.70994	.22567	5.2555	.68784	.28792	.10515

#1	4.6894	80.904	1.1332	-.00966	6.5505	.39535	1.2733
#2	4.7189	81.655	1.1361	-.00883	6.5787	.39372	1.2758
#3	4.7219	82.042	1.1383	-.00971	6.6392	.39590	1.2755

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.952	.00480	.13680	5.3852	F 10.811	.03082	3.7600
Stddev	.089	.00027	.00876	.0242	.136	.00149	.0194
%RSD	.55964	5.5183	6.4049	.44991	1.2618	4.8184	.51651

#1	15.862	.00458	.14560	5.3780	10.871	.02952	3.7465
#2	15.953	.00510	.12807	5.4122	10.907	.03050	3.7822
#3	16.041	.00474	.13673	5.3654	10.654	.03244	3.7512

Sample Name: K2436-01 Acquired: 4/17/2019 18:26:27 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-038 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17034	6.096	.22752	1.2349	F<.00000
Stddev	.00175	.028	.00168	.1248	.40420
%RSD	1.0246	.4560	.74039	10.106	1.8501

#1	.16832	6.069	.22648	1.2423	-21.874
#2	.17137	6.125	.22946	1.3559	-21.430
#3	.17132	6.095	.22662	1.1066	-22.237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4974.0	64821.	7161.8	71.311	4383.4
Stddev	10.5	236.	51.5	1.290	2.7
%RSD	.21026	.36408	.71978	1.8089	.06059

#1	4966.0	65076.	7167.1	70.822	4381.0
#2	4970.1	64778.	7107.9	70.336	4383.0
#3	4985.8	64609.	7210.5	72.774	4386.3

Sample Name: K2408-01 Acquired: 4/17/2019 18:31:00 Type: Unk
Method: P4-ICP2(v3057) 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	-.00270	.00049	.00473	.00045	.00004	.10135	.01015	.00002
Stddev	.00105	.00071	.00045	.00111	.00058	.00783	.00056	.00001
%RSD	39.075	145.16	9.4851	249.09	1333.3	7.7262	5.5466	48.074

#1	-.00389	-.00019	.00521	.00173	.00060	.11003	.00969	.00002
#2	-.00231	.00122	.00466	-.00014	.00008	.09482	.00998	.00001
#3	-.00189	.00043	.00432	-.00025	-.00055	.09918	.01077	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	18.194	.00122	.00050	.19850	.74825	.03042	3.4152
Stddev	.00004	1.250	.00025	.00012	.00183	.00253	.00020	.0546
%RSD	188.38	6.8715	20.907	24.052	.92099	.33809	.64188	1.6003

#1	.00001	17.588	.00128	.00059	.19659	.75015	.03043	3.3523
#2	-.00001	17.363	.00144	.00036	.20023	.74922	.03061	3.4504
#3	-.00007	19.632	.00094	.00054	.19869	.74537	.03022	3.4430

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00494	-.00112	49.495	-.00035	.09281	146.76	.00013	.00982
Stddev	.00038	.00015	.427	.00016	.00016	1.46	.00009	.01027
%RSD	7.7531	13.350	.86189	46.983	.17117	.99420	67.521	104.57

#1	.00501	-.00122	49.183	-.00026	.09275	145.60	.00009	-.00176
#2	.00453	-.00118	49.321	-.00025	.09299	146.28	.00008	.01781
#3	.00528	-.00095	49.981	-.00054	.09269	148.40	.00023	.01340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1555	2.0640	-.00235	.00466	-.00679	1.128	.06282	5.3046
Stddev	.0049	.1123	.00067	.00109	.00140	.004	.00419	.1046
%RSD	.15555	5.4394	28.507	23.328	20.541	.3561	6.6668	1.9712

#1	3.1580	2.0010	-.00190	.00344	-.00737	1.127	.06057	5.2354
#2	3.1587	1.9973	-.00203	.00502	-.00781	1.132	.06024	5.2535
#3	3.1499	2.1936	-.00312	.00552	-.00520	1.124	.06765	5.4249

Sample Name: K2408-01 Acquired: 4/17/2019 18:31:00 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4270
 Stddev .7563
 %RSD 17.084

#1 4.1005
 #2 3.8887
 #3 5.2917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4663.0	60479.	6446.6	77.315	4891.6
Stddev	4.3	53.	362.6	3.916	3.3
%RSD	.09287	.08840	5.6254	5.0646	.06778

#1	4668.0	60459.	6612.5	79.225	4895.4
#2	4661.2	60540.	6696.6	79.909	4889.4
#3	4659.9	60439.	6030.7	72.811	4890.0

Sample Name: K2408-01DUP Acquired: 4/17/2019 18:35:21 Type: Unk
Method: P4-ICP2(v3057) 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	-.00156	.00013	.00371	-.00114	.00023	.10586	.01036	.00004
Stddev	.00109	.00086	.00077	.00179	.00095	.00636	.00043	.00005
%RSD	69.666	645.73	20.666	156.60	419.18	6.0040	4.1067	112.83

#1	-.00267	-.00042	.00450	-.00293	-.00079	.09858	.01070	-.00000
#2	-.00151	-.00031	.00296	-.00115	.00040	.11030	.01049	.00004
#3	-.00050	.00112	.00368	.00065	.00107	.10869	.00988	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	17.526	.00088	.00043	.19901	.74723	.03041	3.4205
Stddev	.00009	.010	.00041	.00012	.00057	.00172	.00011	.0202
%RSD	711.65	.05974	46.115	27.112	.28578	.23045	.35939	.59141

#1	.00004	17.538	.00131	.00055	.19962	.74655	.03051	3.4240
#2	-.00009	17.520	.00051	.00040	.19892	.74596	.03043	3.3987
#3	.00008	17.520	.00082	.00033	.19849	.74919	.03030	3.4387

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	-.00127	49.349	-.00037	.09213	146.48	.00018	.01315
Stddev	.00036	.00031	.240	.00022	.00035	.51	.00020	.01866
%RSD	6.9335	24.382	.48539	60.171	.38112	.35146	109.79	141.85

#1	.00558	-.00096	49.091	-.00014	.09248	145.95	.00011	.01084
#2	.00512	-.00125	49.564	-.00038	.09215	146.97	.00003	.03286
#3	.00487	-.00158	49.393	-.00058	.09177	146.51	.00041	-.00424

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1927	1.9983	-.00215	.00323	-.00741	1.137	.06050	5.3951
Stddev	.0314	.0076	.00047	.00153	.00138	.006	.00012	.1466
%RSD	.98316	.38085	22.075	47.154	18.564	.5348	.20365	2.7166

#1	3.2254	2.0067	-.00270	.00322	-.00636	1.143	.06061	5.2849
#2	3.1629	1.9918	-.00183	.00172	-.00897	1.131	.06037	5.5614
#3	3.1897	1.9963	-.00193	.00477	-.00690	1.138	.06050	5.3390

Sample Name: K2408-01DUP Acquired: 4/17/2019 18:35:21 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8018
 Stddev .7756
 %RSD 20.402

#1 3.1797
 #2 3.5548
 #3 4.6708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4645.1	60104.	6601.7	78.452	4863.6
Stddev	6.1	72.	23.1	.522	5.3
%RSD	.13096	.11958	.34933	.66527	.10847

#1	4639.9	60086.	6580.1	78.067	4860.9
#2	4643.7	60042.	6599.1	79.046	4860.3
#3	4651.8	60183.	6626.0	78.242	4869.7

Sample Name: K2408-01LX5 Acquired: 4/17/2019 18:39:41 Type: Unk
Method: P4-ICP2(v3057) 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	-.00168	.00152	.00062	.00061	-.00060	.00374	.00313	.00004
Stddev	.00062	.00127	.00112	.00224	.00124	.01266	.00039	.00009
%RSD	36.716	83.757	180.37	366.51	206.26	338.55	12.490	228.73

#1	-.00097	.00151	.00190	-.00198	-.00011	-.00688	.00336	.00014
#2	-.00197	.00279	.00013	.00196	.00032	.00035	.00336	-.00004
#3	-.00209	.00025	-.00017	.00185	-.00201	.01775	.00268	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.6631	.00011	.00006	.04229	.16305	.00653	.65707
Stddev	.00002	.0106	.00044	.00005	.00040	.00171	.00003	.02451
%RSD	342.02	.28980	396.79	86.132	.95638	1.0484	.48567	3.7307

#1	.00002	3.6519	.00028	.00011	.04227	.16125	.00650	.66780
#2	-.00000	3.6644	.00044	.00000	.04271	.16324	.00653	.67439
#3	-.00003	3.6730	-.00039	.00007	.04190	.16466	.00656	.62902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00085	10.397	-.00072	.01888	29.851	-.00011	-.00538
Stddev	.00045	.00054	.041	.00054	.00008	.122	.00004	.00462
%RSD	37.556	63.413	.39150	74.691	.44436	.41035	37.305	85.988

#1	.00160	-.00058	10.360	-.00035	.01897	29.873	-.00007	-.00868
#2	.00071	-.00050	10.440	-.00047	.01885	29.961	-.00015	-.00009
#3	.00130	-.00147	10.391	-.00134	.01881	29.719	-.00011	-.00735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62650	.42254	-.00198	.00095	-.00541	.2224	.01268	4.7526
Stddev	.00260	.00258	.00038	.00173	.00078	.0012	.00002	.0946
%RSD	.41499	.61022	19.132	182.86	14.453	.5429	.16975	1.9902

#1	.62519	.42204	-.00222	-.00011	-.00558	.2210	.01270	4.8320
#2	.62949	.42025	-.00218	.00001	-.00610	.2233	.01265	4.6480
#3	.62482	.42533	-.00155	.00294	-.00456	.2229	.01268	4.7779

Sample Name: K2408-01LX5 Acquired: 4/17/2019 18:39:41 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9665
Stddev .8982
%RSD 45.672

#1 2.5768
#2 .93518
#3 2.3875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4718.8	60605.	6474.1	76.725	5118.4
Stddev	15.1	349.	37.9	.758	4.0
%RSD	.32007	.57563	.58575	.98791	.07853

#1	4702.9	60422.	6452.1	75.854	5116.0
#2	4720.4	60386.	6517.9	77.079	5116.2
#3	4733.0	61008.	6452.3	77.240	5123.1

Sample Name: K2408-01MS Acquired: 4/17/2019 18:44:10 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87415	2.1034	1.0607	2.2022	.85225	2.1671	.23006	.21698	.20544
Stddev	.00170	.0042	.0022	.0037	.00124	.0139	.00042	.00054	.00066
%RSD	.19407	.19784	.20282	.16584	.14551	.64047	.18346	.24660	.32356

#1	.87220	2.0992	1.0598	2.2002	.85231	2.1819	.22962	.21749	.20469
#2	.87522	2.1075	1.0632	2.2064	.85346	2.1649	.23011	.21642	.20593
#3	.87504	2.1035	1.0592	2.1999	.85099	2.1544	.23046	.21704	.20572

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.140	.41618	.21797	.53211	3.9457	.24732	5.6347	.52932	.07462
Stddev	.062	.00190	.00061	.00186	.0068	.00042	.0230	.00116	.00007
%RSD	.32526	.45673	.27884	.35019	.17260	.17032	.40837	.22008	.09522

#1	19.210	.41404	.21730	.53125	3.9401	.24777	5.6612	.52812	.07458
#2	19.091	.41767	.21849	.53424	3.9533	.24724	5.6235	.52938	.07457
#3	19.120	.41683	.21812	.53082	3.9437	.24694	5.6195	.53045	.07470

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	53.679	.31253	.32323	160.84	.44769	.32088	3.2738	2.9816	.71982
Stddev	.136	.00035	.00034	.44	.00086	.01193	.0104	.0112	.00270
%RSD	.25375	.11303	.10593	.27401	.19201	3.7183	.31848	.37633	.37482

#1	53.531	.31218	.32348	160.36	.44697	.31662	3.2619	2.9942	.72292
#2	53.707	.31288	.32338	160.92	.44864	.33436	3.2809	2.9781	.71854
#3	53.799	.31251	.32284	161.23	.44744	.31167	3.2787	2.9726	.71800

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21522	.18527	7.537	.26419	5.1888	1.6236			
Stddev	.00121	.00233	.002	.00045	.0546	.8279			
%RSD	.56016	1.2566	.0311	.16900	1.0521	50.993			

#1	.21434	.18796	7.536	.26461	5.2516	.71707			
#2	.21659	.18377	7.535	.26424	5.1530	2.3398			
#3	.21472	.18409	7.540	.26373	5.1616	1.8139			

Sample Name: K2408-01MS Acquired: 4/17/2019 18:44:10 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4672.3	60466.	6589.4	78.024	4846.5
Stddev	5.7	136.	14.7	1.245	6.3
%RSD	.12206	.22484	.22316	1.5961	.13066
#1	4676.2	60546.	6572.9	76.899	4851.6
#2	4665.8	60542.	6601.3	79.362	4848.6
#3	4674.9	60309.	6593.8	77.810	4839.5

Sample Name: K2408-01MSD Acquired: 4/17/2019 18:48:12 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88550	2.1403	1.0832	2.2361	.86859	2.2131	.23483	.22259	.20901
Stddev	.00919	.0248	.0107	.0228	.00825	.0174	.00181	.00079	.00239
%RSD	1.0381	1.1600	.98865	1.0201	.94981	.78376	.77080	.35398	1.1425

#1	.89031	2.1560	1.0896	2.2499	.87234	2.2035	.23311	.22332	.21098
#2	.87490	2.1117	1.0709	2.2098	.85913	2.2027	.23465	.22271	.20635
#3	.89128	2.1533	1.0893	2.2487	.87430	2.2331	.23672	.22175	.20970

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.525	.42375	.22225	.54164	4.0319	.25257	5.7421	.53857	.07600
Stddev	.057	.00139	.00239	.00652	.0076	.00102	.0266	.00698	.00041
%RSD	.29345	.32779	1.0737	1.2044	.18822	.40317	.46355	1.2967	.53990

#1	19.499	.42458	.22379	.54422	4.0406	.25369	5.7202	.54166	.07602
#2	19.591	.42452	.21950	.53422	4.0281	.25170	5.7344	.53057	.07639
#3	19.486	.42214	.22346	.54647	4.0269	.25231	5.7717	.54347	.07557

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	54.782	.31844	.32932	163.94	.45483	.33145	3.3429	3.0298	.73179
Stddev	.322	.00091	.00384	.72	.00511	.00359	.0546	.0232	.00936
%RSD	.58703	.28719	1.1666	.44223	1.1236	1.0834	1.6347	.76567	1.2794

#1	54.591	.31926	.33130	163.68	.45745	.33297	3.3727	3.0494	.73784
#2	54.602	.31860	.32489	163.38	.44894	.33403	3.2798	3.0359	.72100
#3	55.154	.31745	.33177	164.76	.45810	.32735	3.3761	3.0042	.73652

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21935	.18792	7.672	.26895	5.5988	2.1835			
Stddev	.00142	.00060	.104	.00030	.1099	.8795			
%RSD	.64585	.31681	1.357	.11011	1.9636	40.280			

#1	.21780	.18786	7.734	.26911	5.4844	1.5100			
#2	.21968	.18854	7.552	.26914	5.7036	1.8619			
#3	.22057	.18735	7.731	.26861	5.6083	3.1785			

Sample Name: K2408-01MSD Acquired: 4/17/2019 18:48:12 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4604.3	59137.	6467.0	76.133	4774.1
Stddev	35.7	71.	34.1	.442	37.4
%RSD	.77609	.12031	.52747	.58024	.78380
#1	4590.5	59124.	6443.6	76.219	4755.9
#2	4644.9	59214.	6451.3	75.654	4817.1
#3	4577.6	59073.	6506.2	76.525	4749.2

Sample Name: K2408-01A Acquired: 4/17/2019 18:52:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86329	2.0994	1.0618	2.1915	.85171	2.1704	.22787	.21737	.20550
Stddev	.00297	.0039	.0025	.0070	.00203	.0120	.00235	.00033	.00050
%RSD	.34411	.18462	.23785	.31869	.23843	.55496	1.0331	.14988	.24225

#1	.86040	2.1028	1.0629	2.1835	.85031	2.1826	.23036	.21754	.20607
#2	.86312	2.1001	1.0635	2.1964	.85078	2.1701	.22758	.21700	.20529
#3	.86634	2.0952	1.0589	2.1946	.85403	2.1585	.22568	.21758	.20515

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.135	.41620	.21742	.53087	3.9431	.24676	5.5720	.52914	.07391
Stddev	.070	.00105	.00033	.00123	.0017	.00027	.0438	.00117	.00071
%RSD	.36585	.25320	.14962	.23104	.04255	.10911	.78538	.22116	.96149

#1	19.059	.41629	.21720	.53180	3.9429	.24702	5.6178	.53039	.07364
#2	19.150	.41720	.21726	.53133	3.9449	.24648	5.5674	.52807	.07337
#3	19.197	.41510	.21779	.52948	3.9415	.24677	5.5306	.52894	.07472

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	53.659	.31199	.32321	160.40	.44475	.31805	3.2648	2.9766	.71593
Stddev	.403	.00053	.00048	1.27	.00007	.01290	.0043	.0296	.00231
%RSD	.75109	.16894	.14705	.79029	.01626	4.0562	.13119	.99306	.32205

#1	54.005	.31246	.32369	161.32	.44469	.32987	3.2620	2.9485	.71804
#2	53.756	.31208	.32321	160.93	.44474	.30429	3.2627	2.9740	.71628
#3	53.217	.31142	.32274	158.96	.44483	.32000	3.2697	3.0074	.71347

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21403	.18403	7.536	.26423	5.2762	1.9100
Stddev	.00248	.00101	.007	.00137	.1498	1.1421
%RSD	1.1581	.54720	.0922	.52033	2.8391	59.798

#1	.21467	.18486	7.528	.26264	5.1142	2.2563
#2	.21130	.18291	7.539	.26505	5.3050	2.8389
#3	.21614	.18431	7.541	.26500	5.4096	.63479

Sample Name: K2408-01A Acquired: 4/17/2019 18:52:14 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4686.3	60326.	6574.9	78.356	4844.7
Stddev	4.1	362.	47.8	1.687	4.8
%RSD	.08695	.59925	.72637	2.1533	.09971
#1	4688.8	59937.	6618.4	79.357	4843.2
#2	4681.6	60388.	6582.3	79.302	4840.9
#3	4688.5	60652.	6523.8	76.408	4850.2

Sample Name: CCV07 Acquired: 4/17/2019 18:56:16 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14855 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2239	5.1307	5.1101	5.1853	5.2062	9.6942	10.233	.25522
Stddev	.0113	.0331	.0019	.0220	.0081	.0469	.073	.00072
%RSD	.21621	.64543	.03716	.42344	.15527	.48430	.71054	.28268
#1	5.2152	5.0925	5.1110	5.1612	5.2116	9.6781	10.279	.25538
#2	5.2367	5.1506	5.1114	5.2042	5.2101	9.7471	10.271	.25444
#3	5.2199	5.1491	5.1079	5.1906	5.1969	9.6574	10.149	.25586
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4734	24.771	.96478	2.5519	1.2650	4.9961	2.5743	25.363
Stddev	.0010	.055	.00331	.0018	.0034	.0074	.0032	.123
%RSD	.03875	.22339	.34341	.07015	.26884	.14745	.12554	.48570
#1	2.4739	24.713	.96668	2.5534	1.2676	5.0045	2.5759	25.287
#2	2.4740	24.776	.96670	2.5524	1.2662	4.9929	2.5706	25.505
#3	2.4723	24.823	.96095	2.5499	1.2611	4.9909	2.5764	25.296
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4718	1.2540	24.581	2.4126	2.5738	25.751	5.3364	4.9718
Stddev	.0011	.0032	.139	.0043	.0019	.193	.0083	.0189
%RSD	.04358	.25813	.56675	.17803	.07425	.75010	.15504	.38008
#1	2.4713	1.2569	24.648	2.4175	2.5725	25.788	5.3290	4.9606
#2	2.4711	1.2546	24.675	2.4096	2.5760	25.922	5.3453	4.9937
#3	2.4730	1.2505	24.421	2.4107	2.5730	25.542	5.3347	4.9613
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2729	4.8703	5.0912	5.0647	4.6549	5.174	5.0013	F 5.9171
Stddev	.0328	.0163	.0173	.0082	.0255	.031	.0170	.0768
%RSD	.62291	.33397	.33952	.16157	.54727	.5966	.33948	1.2983
#1	5.2351	4.8791	5.0714	5.0736	4.6744	5.140	5.0209	5.8790
#2	5.2897	4.8515	5.0995	5.0574	4.6261	5.182	4.9905	5.8669
#3	5.2941	4.8802	5.1029	5.0631	4.6642	5.201	4.9926	6.0056

Sample Name: CCV07 Acquired: 4/17/2019 18:56:16 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14855 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6204
Stddev .8307
%RSD 51.264

#1 .84397
#2 2.4964
#3 1.5209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4621.9	59018.	6368.2	75.173	4722.4
Stddev	15.8	319.	12.0	1.258	13.1
%RSD	.34254	.54101	.18771	1.6740	.27637

#1	4608.3	58918.	6355.3	73.991	4711.6
#2	4618.1	58761.	6378.8	76.495	4718.9
#3	4639.3	59375.	6370.5	75.032	4736.9

Sample Name: CCB07 Acquired: 4/17/2019 19:00:13 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14855 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	.00124	-.00059	-.00097	.00158	-.01851	.00179	.00004
Stddev	.00212	.00152	.00067	.00127	.00067	.00462	.00018	.00003
%RSD	206.91	122.57	113.05	131.70	42.385	24.952	10.316	60.155
#1	-.00319	.00098	.00015	-.00242	.00227	-.01334	.00168	.00008
#2	.00105	.00288	-.00115	-.00042	.00156	-.01995	.00168	.00002
#3	-.00093	-.00013	-.00077	-.00006	.00092	-.02223	.00200	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00543	.00000	.00013	.00004	-.00002	-.00001	-.03318
Stddev	.00005	.00400	.00019	.00004	.00023	.00048	.00005	.01011
%RSD	72.776	73.667	4452.0	27.454	542.57	2500.0	443.37	30.486
#1	-.00008	.00262	.00022	.00017	.00031	.00017	-.00007	-.02970
#2	-.00001	.01001	-.00009	.00015	-.00007	-.00056	.00002	-.04457
#3	-.00010	.00366	-.00012	.00009	-.00011	.00033	.00001	-.02526
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00090	.42259	-.00080	-.00034	.19866	-.00001	.00513
Stddev	.00040	.00025	.00764	.00025	.00006	.00878	.00014	.00958
%RSD	77.803	28.117	1.8072	31.793	16.991	4.4218	1860.9	186.58
#1	.00007	-.00088	.41380	-.00109	-.00028	.18874	.00016	.01618
#2	.00063	-.00065	.42635	-.00065	-.00039	.20543	-.00009	.00012
#3	.00083	-.00116	.42763	-.00066	-.00034	.20182	-.00009	-.00090
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00584	-.00070	-.00108	.00033	-.00434	-.0023	.00001	F 4.2065
Stddev	.00359	.00251	.00025	.00124	.00028	.0014	.00008	.0298
%RSD	61.517	359.24	22.911	371.20	6.5333	60.83	1380.9	.70889
#1	.00594	-.00000	-.00136	.00177	-.00463	-.0038	-.00002	4.1858
#2	.00938	.00139	-.00100	-.00037	-.00431	-.0020	-.00005	4.1931
#3	.00220	-.00348	-.00089	-.00040	-.00407	-.0011	.00009	4.2407

Sample Name: CCB07 Acquired: 4/17/2019 19:00:13 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14855 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7747
Stddev	1.3717
%RSD	77.292

#1	.31352
#2	1.9759
#3	3.0348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4836.4	61784.	6405.5	77.371	5357.4
Stddev	10.8	72.	13.2	1.508	11.6
%RSD	.22291	.11595	.20597	1.9487	.21559

#1	4828.5	61702.	6399.6	77.120	5346.9
#2	4848.7	61822.	6396.3	78.989	5369.7
#3	4831.9	61829.	6420.6	76.005	5355.5

Sample Name: K2436-03 Acquired: 4/17/2019 19:04:41 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06283	.00938	.81847	.02611	.01658	124.59	1.0346
Stddev	.00258	.00205	.00241	.00049	.00131	.14	.0023
%RSD	4.1041	21.861	.29455	1.8760	7.8822	.11570	.21879

#1	.05986	.00897	.81666	.02572	.01708	124.48	1.0323
#2	.06416	.00757	.81754	.02594	.01757	124.75	1.0345
#3	.06447	.01161	.82120	.02666	.01510	124.54	1.0369

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01460	.00335	113.00	.28451	.14386	.43659	206.26
Stddev	.00006	.00014	.28	.00060	.00031	.00109	.29
%RSD	.39279	4.0818	.25050	.21039	.21808	.25038	.13933

#1	.01464	.00351	112.92	.28475	.14408	.43544	205.97
#2	.01461	.00327	113.32	.28383	.14400	.43762	206.54
#3	.01453	.00328	112.77	.28496	.14350	.43669	206.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8476	69.106	.61201	-.00879	6.0955	.37240	1.2014
Stddev	.0151	.259	.00216	.00016	.0152	.00051	.0000
%RSD	.31090	.37457	.35215	1.8428	.24984	.13567	.00110

#1	4.8440	68.998	.61392	-.00881	6.0783	.37237	1.2014
#2	4.8347	68.919	.61243	-.00894	6.1012	.37191	1.2014
#3	4.8642	69.402	.60967	-.00862	6.1071	.37292	1.2014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.063	.00448	.12673	4.0974	9.3352	.03626	3.6811
Stddev	.025	.00015	.00660	.0127	.0559	.00043	.0128
%RSD	.15806	3.3967	5.2055	.31068	.59842	1.1910	.34852

#1	16.042	.00453	.13433	4.1115	9.3055	.03654	3.6956
#2	16.057	.00460	.12341	4.0937	9.3997	.03647	3.6763
#3	16.091	.00431	.12245	4.0869	9.3005	.03576	3.6713

Sample Name: K2436-03 Acquired: 4/17/2019 19:04:41 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-038 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17835	5.860	.19011	.79571	F<.00000
Stddev	.00051	.012	.00084	.10216	1.0881
%RSD	.28824	.1987	.43923	12.839	6.4842

#1	.17799	5.873	.19003	.90206	-18.029
#2	.17894	5.851	.19099	.78675	-16.034
#3	.17811	5.855	.18932	.69833	-16.279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5027.4	64359.	7116.1	70.962	4440.6
Stddev	11.7	125.	40.1	1.362	3.2
%RSD	.23349	.19413	.56304	1.9195	.07266

#1	5040.9	64294.	7093.0	69.468	4441.0
#2	5020.0	64280.	7093.0	71.283	4437.2
#3	5021.2	64503.	7162.4	72.135	4443.7

Sample Name: K2437-01 Acquired: 4/17/2019 19:09:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06952	.00852	.07518	.01878	.00162	41.529	.08167
Stddev	.00186	.00115	.00082	.00187	.00097	.151	.00060
%RSD	2.6701	13.434	1.0963	9.9794	59.789	.36417	.73798

#1	.06959	.00875	.07603	.01906	.00069	41.423	.08113
#2	.07135	.00728	.07439	.01679	.00262	41.463	.08155
#3	.06763	.00954	.07511	.02050	.00153	41.702	.08232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	-.00225	11.394	.16897	.00253	.06429	115.86
Stddev	.00004	.00014	.099	.00069	.00012	.00009	.15
%RSD	1.1625	6.3469	.87251	.40767	4.9005	.13758	.13167

#1	.00377	-.00225	11.416	.16947	.00241	.06424	115.86
#2	.00385	-.00240	11.285	.16925	.00254	.06425	116.01
#3	.00384	-.00211	11.480	.16818	.00266	.06440	115.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19617	2.2661	-.00063	-.00340	.39100	.24543	.08660
Stddev	.00048	.0090	.00047	.00027	.01327	.00166	.00043
%RSD	.24408	.39684	74.617	7.8052	3.3944	.67505	.50104

#1	.19570	2.2559	-.00058	-.00330	.37572	.24520	.08626
#2	.19666	2.2695	-.00112	-.00370	.39770	.24719	.08709
#3	.19614	2.2729	-.00019	-.00320	.39959	.24390	.08646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1953	.00593	.06249	1.5631	5.6403	.00362	.68657
Stddev	.0102	.00006	.00648	.0103	.0722	.00065	.02115
%RSD	.31951	.97314	10.364	.65706	1.2795	18.011	3.0806

#1	3.2056	.00598	.06645	1.5584	5.7165	.00286	.70980
#2	3.1951	.00593	.06602	1.5559	5.5730	.00402	.66843
#3	3.1851	.00587	.05502	1.5748	5.6315	.00396	.68148

Sample Name: K2437-01 Acquired: 4/17/2019 19:09:14 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-046 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00032	1.131	-.07316	2.3926	F<.00000
Stddev	.00114	.006	.00028	.0353	1.1592
%RSD	357.88	.5255	.38342	1.4754	40.481

#1	.00125	1.126	-.07335	2.3774	-1.9405
#2	-.00095	1.129	-.07329	2.3675	-2.4856
#3	.00065	1.138	-.07284	2.4330	-4.1645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4975.3	63825.	6818.6	76.232	5021.3
Stddev	14.6	98.	44.7	1.190	8.3
%RSD	.29382	.15346	.65577	1.5603	.16458

#1	4962.3	63721.	6774.2	77.580	5014.7
#2	4972.4	63839.	6863.7	75.789	5018.6
#3	4991.1	63916.	6817.8	75.328	5030.6

Sample Name: K2442-03 Acquired: 4/17/2019 19:13:39 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00744	.00557	.10758	.02692	.00617	98.401	.31020
Stddev	.00116	.00203	.00111	.00259	.00204	.402	.00131
%RSD	15.559	36.386	1.0360	9.6347	33.142	.40817	.42079

#1	.00858	.00497	.10779	.02723	.00475	98.826	.31171
#2	.00626	.00783	.10638	.02934	.00524	98.028	.30954
#3	.00748	.00391	.10858	.02418	.00851	98.350	.30937

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01037	-.00095	17.915	.13986	.09825	.20832	185.86
Stddev	.00007	.00006	.117	.00151	.00030	.00076	.23
%RSD	.66477	6.2528	.65371	1.0774	.31044	.36449	.12213

#1	.01042	-.00102	17.932	.13816	.09792	.20916	185.84
#2	.01029	-.00093	17.791	.14037	.09829	.20810	185.65
#3	.01040	-.00091	18.023	.14104	.09853	.20769	186.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6847	35.710	.15370	-.00672	4.0252	.25927	.40066
Stddev	.0285	.033	.00014	.00073	.0107	.00188	.00105
%RSD	.60851	.09379	.09402	10.816	.26666	.72331	.26162

#1	4.6518	35.691	.15387	-.00589	4.0201	.25760	.40015
#2	4.7008	35.749	.15362	-.00705	4.0179	.25892	.39996
#3	4.7016	35.691	.15362	-.00723	4.0375	.26130	.40186

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3609	.00007	.09178	.65268	2.6695	.00754	2.9399
Stddev	.0229	.00010	.01674	.00159	.0496	.00137	.0094
%RSD	.31079	140.35	18.237	.24289	1.8596	18.145	.31911

#1	7.3855	.00017	.08251	.65438	2.6418	.00613	2.9384
#2	7.3566	.00007	.08173	.65243	2.6399	.00886	2.9313
#3	7.3404	-.00003	.11110	.65124	2.7268	.00764	2.9499

Sample Name: K2442-03 Acquired: 4/17/2019 19:13:39 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-18-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10858	5.832	-.12896	1.1196	F<.00000
Stddev	.00115	.022	.00031	.0772	.54397
%RSD	1.0607	.3819	.24364	6.8960	5.9617

#1	.10769	5.815	-.12886	1.0384	-8.7771
#2	.10817	5.823	-.12870	1.1283	-9.7512
#3	.10988	5.857	-.12931	1.1921	-8.8446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4988.5	63950.	6901.0	73.640	4712.8
Stddev	9.8	187.	35.1	.508	7.5
%RSD	.19577	.29191	.50870	.68977	.15926

#1	4978.7	63736.	6881.3	73.305	4711.4
#2	4998.2	64073.	6941.5	74.224	4720.9
#3	4988.6	64043.	6880.2	73.390	4706.1

Sample Name: K2442-07 Acquired: 4/17/2019 19:18:15 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-20-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02310	.00535	1.2042	.02734	.10411	119.99	.58257
Stddev	.00283	.00185	.0038	.00123	.00055	.25	.00057
%RSD	12.229	34.561	.31644	4.4811	.52409	.20980	.09870

#1	.02572	.00720	1.2077	.02654	.10433	120.03	.58312
#2	.02349	.00350	1.2049	.02875	.10451	120.22	.58262
#3	.02010	.00535	1.2001	.02673	.10349	119.72	.58197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01058	.00264	147.95	.15094	.13118	.66942	196.68
Stddev	.00013	.00016	.51	.00071	.00057	.00326	.40
%RSD	1.1941	5.9053	.34282	.47051	.43460	.48627	.20445

#1	.01044	.00282	148.52	.15071	.13184	.67262	196.30
#2	.01068	.00252	147.55	.15173	.13080	.66611	197.10
#3	.01062	.00258	147.77	.15037	.13090	.66953	196.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7518	40.119	.16585	-.00770	29.544	.31287	.75113
Stddev	.0490	.121	.00074	.00019	.038	.00110	.00158
%RSD	.85143	.30231	.44859	2.4722	.12962	.35001	.21053

#1	5.7089	39.997	.16559	-.00777	29.547	.31326	.75289
#2	5.8052	40.120	.16669	-.00784	29.504	.31164	.75067
#3	5.7412	40.240	.16527	-.00748	29.580	.31373	.74983

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5055	.00238	.11857	1.5168	3.2719	.74417	4.3639
Stddev	.0138	.00030	.01279	.0122	.0261	.00061	.0155
%RSD	.18354	12.731	10.790	.80326	.79627	.08255	.35576

#1	7.4933	.00209	.10836	1.5292	3.2911	.74475	4.3702
#2	7.5204	.00235	.13292	1.5162	3.2824	.74353	4.3462
#3	7.5027	.00269	.11442	1.5049	3.2423	.74425	4.3752

Sample Name: K2442-07 Acquired: 4/17/2019 19:18:15 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-20-S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10511	7.038	.59573	1.1738	F<.00000
Stddev	.00064	.041	.00489	.2450	.63951
%RSD	.61267	.5864	.82030	20.875	5.7797

#1	.10447	7.084	.60078	1.2730	-10.335
#2	.10576	7.027	.59538	1.3537	-11.332
#3	.10512	7.004	.59102	.89473	-11.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4947.6	63401.	7008.6	72.501	4468.6
Stddev	8.2	70.	33.4	1.560	6.5
%RSD	.16649	.11074	.47640	2.1515	.14586

#1	4938.2	63323.	6974.1	71.916	4461.2
#2	4953.2	63421.	7011.0	71.319	4471.5
#3	4951.5	63459.	7040.7	74.269	4473.2

Sample Name: K2442-11 Acquired: 4/17/2019 19:22:49 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12854	.00823	1.2831	.03239	.01989	192.65	.68152
Stddev	.00440	.00031	.0021	.00286	.00023	1.25	.00642
%RSD	3.4258	3.8262	.16441	8.8223	1.1481	.65013	.94262

#1	.13220	.00839	1.2855	.02939	.02016	192.35	.68069
#2	.12365	.00843	1.2819	.03270	.01977	191.57	.67556
#3	.12977	.00787	1.2818	.03508	.01976	194.02	.68833

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01457	.00473	172.75	.25876	.17953	.71878	261.60
Stddev	.00025	.00018	.56	.00159	.00057	.00102	.87
%RSD	1.7412	3.7132	.32552	.61571	.31834	.14172	.33365

#1	.01428	.00481	173.18	.25818	.17895	.71777	261.75
#2	.01473	.00484	172.12	.25754	.17955	.71877	260.66
#3	.01471	.00452	172.97	.26056	.18009	.71980	262.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3139	70.249	.25329	-.01262	43.622	.45490	1.2032
Stddev	.0247	.319	.00046	.00066	.286	.00048	.0019
%RSD	.33785	.45451	.18058	5.2200	.65541	.10491	.16145

#1	7.3418	70.267	.25298	-.01330	43.584	.45523	1.2040
#2	7.3049	69.921	.25308	-.01199	43.356	.45435	1.2010
#3	7.2949	70.559	.25381	-.01258	43.924	.45511	1.2047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.717	.00058	.13733	2.6428	6.0343	.15947	5.9311
Stddev	.108	.00052	.01926	.0102	.0226	.00295	.0132
%RSD	1.0070	89.305	14.024	.38550	.37402	1.8514	.22253

#1	10.642	.00100	.11893	2.6477	6.0499	.16011	5.9382
#2	10.669	.00074	.15735	2.6311	6.0446	.15625	5.9159
#3	10.841	.00000	.13570	2.6496	6.0084	.16206	5.9393

Sample Name: K2442-11 Acquired: 4/17/2019 19:22:49 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14965	9.582	.81716	.63396	F<.00000
Stddev	.00028	.010	.00147	.05042	1.6001
%RSD	.18526	.1030	.17977	7.9536	6.3148

#1	.14976	9.576	.81844	.59026	-25.716
#2	.14985	9.577	.81556	.62248	-26.718
#3	.14933	9.594	.81749	.68913	-23.585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4861.1	62062.	6912.8	69.943	4288.7
Stddev	10.4	80.	34.8	.773	5.4
%RSD	.21303	.12877	.50328	1.1046	.12679

#1	4850.9	61975.	6880.7	70.267	4282.8
#2	4860.8	62131.	6907.9	69.062	4293.4
#3	4871.6	62080.	6949.8	70.502	4290.1

Sample Name: K2442-15 Acquired: 4/17/2019 19:27:23 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00793	.00309	.11755	.03115	.01062	142.24	.74475
Stddev	.00105	.00083	.00148	.00130	.00213	.47	.00297
%RSD	13.305	26.781	1.2592	4.1751	20.087	.33305	.39826

#1	.00833	.00316	.11599	.02968	.00818	142.48	.74727
#2	.00872	.00387	.11893	.03216	.01210	142.56	.74550
#3	.00673	.00223	.11772	.03161	.01159	141.70	.74148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01320	.00315	26.753	.28137	.16669	.35904	244.63
Stddev	.00012	.00037	.075	.00183	.00050	.00088	1.28
%RSD	.87147	11.700	.28177	.65167	.30037	.24426	.52517

#1	.01318	.00355	26.667	.28065	.16690	.35909	243.21
#2	.01309	.00308	26.781	.28000	.16705	.35988	244.96
#3	.01332	.00282	26.810	.28345	.16612	.35813	245.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2118	62.499	.24158	-.01043	20.748	.50140	.55633
Stddev	.0068	.080	.00136	.00016	.045	.00050	.00104
%RSD	.09397	.12774	.56341	1.5796	.21834	.09919	.18751

#1	7.2041	62.486	.24213	-.01062	20.782	.50082	.55749
#2	7.2170	62.584	.24259	-.01036	20.766	.50166	.55603
#3	7.2143	62.426	.24003	-.01031	20.697	.50170	.55547

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3136	-.00094	.10431	.76013	2.9743	.01413	7.8397
Stddev	.0217	.00051	.00344	.00870	.0481	.00089	.0148
%RSD	.23334	54.367	3.2952	1.1447	1.6174	6.2786	.18827

#1	9.3222	-.00135	.10828	.77017	2.9513	.01451	7.8564
#2	9.3296	-.00037	.10231	.75541	2.9419	.01477	7.8285
#3	9.2888	-.00110	.10235	.75480	3.0296	.01312	7.8341

Sample Name: K2442-15 Acquired: 4/17/2019 19:27:23 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13211	5.779	-.11716	<.00000	F<.00000
Stddev	.00180	.016	.00115	.10214	2.8858
%RSD	1.3601	.2830	.98498	12.002	11.398

#1	.13146	5.793	-.11592	-.73487	-26.839
#2	.13414	5.784	-.11736	-.92672	-21.990
#3	.13073	5.761	-.11820	-.89159	-27.124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5228.4	66395.	7303.3	72.039	4519.5
Stddev	4.7	76.	19.8	.397	12.4
%RSD	.09061	.11389	.27176	.55050	.27455

#1	5226.3	66458.	7316.8	71.587	4511.7
#2	5225.2	66311.	7312.6	72.328	4513.1
#3	5233.9	66415.	7280.6	72.203	4533.8

Sample Name: K2442-15DUP Acquired: 4/17/2019 19:31:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00849	.00288	.11526	.03063	.00872	138.78	.73790
Stddev	.00213	.00219	.00057	.00231	.00076	.21	.00105
%RSD	25.072	75.969	.49649	7.5270	8.7509	.15057	.14198

#1	.01063	.00047	.11478	.02909	.00917	138.83	.73683
#2	.00844	.00344	.11511	.03328	.00784	138.96	.73892
#3	.00638	.00474	.11589	.02951	.00915	138.55	.73795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01294	.00259	25.850	.27353	.16221	.34495	240.78
Stddev	.00028	.00013	.019	.00092	.00028	.00078	1.05
%RSD	2.1293	5.1525	.07376	.33556	.17379	.22570	.43473

#1	.01326	.00245	25.856	.27391	.16248	.34558	239.92
#2	.01280	.00261	25.828	.27420	.16224	.34519	241.94
#3	.01277	.00271	25.864	.27248	.16192	.34408	240.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0997	60.949	.23330	-.00996	20.425	.48360	.54267
Stddev	.0808	.137	.00046	.00057	.045	.00148	.00121
%RSD	1.1374	.22537	.19759	5.7157	.22017	.30576	.22285

#1	7.1927	60.935	.23302	-.01037	20.374	.48404	.54377
#2	7.0583	61.093	.23305	-.01021	20.460	.48482	.54138
#3	7.0481	60.819	.23383	-.00931	20.440	.48196	.54286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1573	-.00092	.10716	.75935	2.8246	.01409	7.5756
Stddev	.0458	.00025	.00635	.00357	.0188	.00167	.0074
%RSD	.49997	26.978	5.9290	.47035	.66442	11.873	.09770

#1	9.1074	-.00120	.10211	.76295	2.8421	.01388	7.5750
#2	9.1673	-.00072	.11429	.75580	2.8270	.01586	7.5684
#3	9.1973	-.00085	.10507	.75930	2.8048	.01254	7.5832

Sample Name: K2442-15DUP Acquired: 4/17/2019 19:31:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-DDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12588	5.665	-.11653	<.00000	F<.00000
Stddev	.00054	.037	.00108	.24012	1.1232
%RSD	.42766	.6565	.92683	40.875	4.5576
#1	.12535	5.701	-.11553	-.35650	-23.507
#2	.12643	5.627	-.11768	-.57006	-24.671
#3	.12586	5.667	-.11639	-.83579	-25.753
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5243.2	66684.	7338.1	73.235	4557.3
Stddev	10.5	164.	19.0	2.084	8.9
%RSD	.20030	.24585	.25940	2.8455	.19602
#1	5235.2	66640.	7325.9	71.530	4547.0
#2	5239.2	66547.	7328.4	72.617	4563.6
#3	5255.1	66865.	7360.0	75.558	4561.2

Sample Name: K2442-15LX5 Acquired: 4/17/2019 19:36:34 Type: Unk
Method: P4-ICP2(v3057) 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	-.00009	.00269	.02304	.01097	.00249	31.735	.16870	.00302
Stddev	.00164	.00050	.00039	.00319	.00074	.032	.00043	.00004
%RSD	1837.7	18.673	1.6896	29.055	29.517	.10106	.25490	1.4141

#1	.00080	.00256	.02347	.01431	.00232	31.724	.16827	.00299
#2	.00092	.00226	.02271	.00796	.00186	31.771	.16913	.00300
#3	-.00198	.00324	.02295	.01065	.00330	31.710	.16871	.00307

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	6.2155	.06448	.03358	.08433	66.618	1.7506	14.366
Stddev	.00008	.0220	.00046	.00007	.00070	.152	.0022	.104
%RSD	4.6670	.35320	.70588	.21655	.83553	.22749	.12846	.72060

#1	-.00159	6.2273	.06501	.03360	.08513	66.789	1.7517	14.384
#2	-.00173	6.1902	.06426	.03364	.08380	66.565	1.7522	14.459
#3	-.00173	6.2290	.06419	.03350	.08406	66.500	1.7481	14.254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04816	-.00167	4.7907	.11321	.10518	2.0830	-.00037	.03941
Stddev	.00017	.00039	.0199	.00030	.00076	.0020	.00018	.01129
%RSD	.34754	23.432	.41549	.26651	.71922	.09449	50.383	28.645

#1	.04822	-.00208	4.7698	.11338	.10585	2.0815	-.00024	.04476
#2	.04828	-.00164	4.7926	.11286	.10533	2.0852	-.00058	.04702
#3	.04797	-.00130	4.8095	.11339	.10436	2.0822	-.00028	.02644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15822	.73972	.00098	1.8023	.02575	1.145	-.03808	3.6385
Stddev	.00211	.00211	.00066	.0061	.00076	.009	.00011	.1703
%RSD	1.3329	.28569	67.040	.33842	2.9493	.8302	.29888	4.6814

#1	.15963	.73750	.00116	1.8010	.02651	1.155	-.03815	3.6194
#2	.15923	.73995	.00026	1.8089	.02499	1.142	-.03815	3.8176
#3	.15580	.74171	.00154	1.7969	.02576	1.137	-.03795	3.4785

Sample Name: K2442-15LX5 Acquired: 4/17/2019 19:36:34 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2027
Stddev .5328
%RSD 44.300

#1 1.4517
#2 1.5655
#3 .59100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4927.6	62253.	6604.4	75.269	5003.8
Stddev	17.1	122.	18.3	.973	8.0
%RSD	.34702	.19673	.27713	1.2928	.16023

#1	4914.5	62175.	6583.3	76.382	4996.3
#2	4946.9	62190.	6616.1	74.575	5012.2
#3	4921.4	62395.	6613.7	74.851	5002.8

Sample Name: K2442-15MS Acquired: 4/17/2019 19:41:01 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70725	2.0443	1.1609	1.7872	.21968	142.81	.89353
Stddev	.00346	.0070	.0032	.0060	.00063	.35	.00407
%RSD	.48964	.34439	.27569	.33663	.28813	.24678	.45551

#1	.70329	2.0362	1.1572	1.7894	.22012	142.98	.89310
#2	.70967	2.0479	1.1627	1.7917	.21996	142.41	.88969
#3	.70880	2.0489	1.1627	1.7803	.21896	143.05	.89780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19477	.20431	24.709	.63118	.36621	.57437	230.95
Stddev	.00016	.00015	.011	.00080	.00183	.00180	.35
%RSD	.08146	.07559	.04497	.12597	.49845	.31334	.15322

#1	.19489	.20439	24.706	.63042	.36425	.57233	231.16
#2	.19459	.20441	24.699	.63111	.36786	.57573	231.16
#3	.19484	.20414	24.721	.63201	.36652	.57506	230.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1668	58.607	.75027	.05622	21.704	.71871	.76265
Stddev	.0458	.205	.00126	.00045	.072	.00275	.00056
%RSD	.63933	.34956	.16735	.80606	.32952	.38194	.07372

#1	7.1230	58.499	.74942	.05662	21.685	.71716	.76207
#2	7.1630	58.478	.75171	.05630	21.644	.71709	.76319
#3	7.2144	58.843	.74969	.05572	21.783	.72188	.76269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.771	.35580	.35470	.69272	3.1619	.73042	7.9781
Stddev	.061	.00120	.01819	.00359	.0148	.00334	.0253
%RSD	.34539	.33854	5.1283	.51797	.46890	.45740	.31738

#1	17.747	.35442	.35755	.68965	3.1757	.72821	8.0073
#2	17.725	.35657	.33526	.69666	3.1638	.73426	7.9614
#3	17.840	.35642	.37130	.69184	3.1462	.72877	7.9658

Sample Name: K2442-15MS Acquired: 4/17/2019 19:41:01 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21-DMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30325	F 11.64	.06309	<.00000	F<.00000
Stddev	.00248	.01	.00065	.10286	1.4919
%RSD	.81632	.0851	1.0308	27.716	6.0597

#1	.30451	11.63	.06352	-.26400	-26.094
#2	.30484	11.65	.06234	-.46910	-24.654
#3	.30040	11.63	.06341	-.38023	-23.111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5230.0	66429.	7176.1	72.559	4544.6
Stddev	10.7	114.	37.8	2.449	10.3
%RSD	.20524	.17115	.52636	3.3750	.22568

#1	5234.5	66390.	7153.3	70.791	4553.2
#2	5217.7	66341.	7155.3	71.532	4533.3
#3	5237.7	66558.	7219.7	75.354	4547.5

Sample Name: K2442-15MSD Acquired: 4/17/2019 19:45:29 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70813	2.0369	1.1616	1.7827	.21888	142.71	.89253
Stddev	.00386	.0115	.0024	.0089	.00232	.50	.00382
%RSD	.54486	.56490	.20423	.49899	1.0604	.35333	.42816

#1	.70562	2.0286	1.1636	1.7779	.21642	142.12	.88827
#2	.71257	2.0501	1.1622	1.7930	.21919	143.00	.89365
#3	.70618	2.0321	1.1590	1.7772	.22103	142.99	.89566

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19525	.20457	24.779	.63738	.36759	.57712	229.50
Stddev	.00044	.00050	.117	.00057	.00131	.00195	1.12
%RSD	.22421	.24539	.47059	.08974	.35652	.33808	.48899

#1	.19541	.20477	24.878	.63769	.36644	.57682	228.47
#2	.19475	.20493	24.808	.63672	.36902	.57920	230.70
#3	.19557	.20399	24.650	.63772	.36731	.57533	229.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1121	58.707	.75474	.05590	21.655	.72330	.76437
Stddev	.0271	.255	.00133	.00038	.078	.00277	.00079
%RSD	.38088	.43511	.17568	.67447	.35951	.38292	.10336

#1	7.0861	58.537	.75438	.05615	21.567	.72010	.76482
#2	7.1402	59.001	.75621	.05609	21.686	.72480	.76484
#3	7.1099	58.583	.75364	.05547	21.713	.72498	.76346

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.746	.35505	.35298	.68736	3.1227	.72844	8.0418
Stddev	.112	.00147	.01062	.00823	.0331	.00318	.0480
%RSD	.62980	.41365	3.0096	1.1968	1.0589	.43594	.59703

#1	17.617	.35468	.36149	.67966	3.1594	.72744	8.0877
#2	17.812	.35666	.35638	.69603	3.1137	.73199	8.0458
#3	17.808	.35380	.34108	.68640	3.0951	.72588	7.9920

Sample Name: K2442-15MSD Acquired: 4/17/2019 19:45:29 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-DMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30286	F 11.58	.06507	<.00000	F<.00000
Stddev	.00201	.01	.00240	.03955	1.0997
%RSD	.66307	.1238	3.6836	11.345	4.5551
#1	.30370	11.57	.06777	-.37069	-23.953
#2	.30430	11.60	.06426	-.37213	-25.323
#3	.30056	11.58	.06319	-.30293	-23.148
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5254.2	66800.	7213.0	72.110	4550.4
Stddev	4.3	181.	72.7	1.725	1.3
%RSD	.08249	.27058	1.0084	2.3924	.02769
#1	5251.4	66851.	7157.4	70.174	4549.6
#2	5251.9	66599.	7186.3	72.674	4549.8
#3	5259.2	66949.	7295.3	73.483	4551.9

Sample Name: CCV08 Acquired: 4/17/2019 19:49:57 Type: Unk
Method: P4-ICP2(v3057) 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	5.1849	5.1152	5.1086	5.1590	5.1773	9.8198	10.189	.25659
Stddev	.0063	.0112	.0060	.0021	.0077	.0925	.024	.00066
%RSD	.12181	.21901	.11787	.04058	.14821	.94241	.23859	.25618
#1	5.1859	5.1079	5.1134	5.1583	5.1840	9.7864	10.179	.25603
#2	5.1781	5.1281	5.1104	5.1614	5.1689	9.7485	10.172	.25731
#3	5.1906	5.1096	5.1018	5.1574	5.1789	9.9243	10.217	.25644
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4857	24.984	.97858	2.5509	1.2660	5.0414	2.5832	25.433
Stddev	.0015	.039	.00120	.0041	.0012	.0023	.0019	.280
%RSD	.05889	.15730	.12310	.16065	.09089	.04534	.07403	1.0991
#1	2.4867	24.945	.97978	2.5527	1.2667	5.0440	2.5810	25.233
#2	2.4840	25.023	.97861	2.5538	1.2647	5.0402	2.5842	25.315
#3	2.4864	24.986	.97737	2.5462	1.2667	5.0399	2.5843	25.753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4839	1.2594	24.593	2.4431	2.5646	25.246	5.3157	4.9649
Stddev	.0016	.0011	.104	.0014	.0006	.078	.0019	.0214
%RSD	.06335	.08685	.42197	.05712	.02342	.30997	.03608	.43043
#1	2.4833	1.2605	24.550	2.4415	2.5646	25.186	5.3176	4.9407
#2	2.4857	1.2583	24.517	2.4442	2.5652	25.217	5.3138	4.9729
#3	2.4828	1.2594	24.711	2.4437	2.5640	25.334	5.3157	4.9812
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2063	4.9438	5.0790	5.0755	4.6857	5.186	5.0045	5.0331
Stddev	.0168	.0420	.0024	.0066	.0410	.019	.0686	.1348
%RSD	.32267	.84906	.04762	.12933	.87421	.3693	1.3705	2.6786
#1	5.2175	4.9659	5.0805	5.0681	4.7167	5.205	5.0453	4.8774
#2	5.2143	4.9701	5.0762	5.0779	4.7012	5.187	5.0429	5.1098
#3	5.1870	4.8954	5.0803	5.0805	4.6393	5.166	4.9254	5.1120

Sample Name: CCV08 Acquired: 4/17/2019 19:49:57 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6521
Stddev	.9030
%RSD	34.048

#1	2.3688
#2	1.9248
#3	3.6628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4697.1	59498.	6410.0	75.640	4784.8
Stddev	10.0	114.	67.8	2.193	8.9
%RSD	.21375	.19243	1.0584	2.8987	.18646

#1	4687.2	59397.	6363.2	73.262	4775.2
#2	4707.3	59623.	6379.1	77.581	4792.9
#3	4696.9	59475.	6487.8	76.078	4786.4

Sample Name: CCB08 Acquired: 4/17/2019 19:53:57 Type: Unk
Method: P4-ICP2(v3057) 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	-.00061	.00182	-.00076	-.00078	.00021	-.01214	.00099	.00002
Stddev	.00038	.00063	.00048	.00164	.00082	.00681	.00087	.00002
%RSD	62.196	34.419	63.090	210.85	395.52	56.083	88.107	106.71
#1	-.00035	.00179	-.00021	.00086	.00109	-.01880	.00199	.00003
#2	-.00105	.00246	-.00106	-.00078	.00006	-.00519	.00064	-.00000
#3	-.00045	.00121	-.00102	-.00242	-.00052	-.01241	.00035	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00448	-.00017	.00011	-.00020	.00007	.00005	-.00433
Stddev	.00003	.00779	.00021	.00015	.00020	.00013	.00009	.01021
%RSD	237.67	173.78	122.96	145.17	101.82	188.39	187.49	235.67
#1	-.00003	-.00365	-.00011	-.00001	-.00024	-.00004	.00000	-.00135
#2	-.00002	.01188	-.00000	.00028	-.00037	.00021	.00014	-.01571
#3	.00002	.00522	-.00041	.00005	.00002	.00004	-.00001	.00406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00099	.17247	-.00076	-.00049	.00923	.00026	-.00327
Stddev	.00033	.00019	.00901	.00045	.00012	.02715	.00011	.00473
%RSD	54.071	19.751	5.2214	59.207	23.845	294.29	42.522	144.72
#1	.00052	-.00117	.16478	-.00024	-.00041	-.02209	.00039	-.00797
#2	.00097	-.00079	.18238	-.00103	-.00043	.02607	.00017	-.00332
#3	.00033	-.00100	.17025	-.00101	-.00062	.02370	.00023	.00149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00261	-.00132	.00031	-.00484	-.0012	-.00000	F 3.7508
Stddev	.00131	.00259	.00025	.00157	.00090	.0004	.00005	.2282
%RSD	57.621	99.373	18.807	509.80	18.576	36.96	14289.	6.0839
#1	.00348	.00013	-.00111	-.00033	-.00435	-.0017	-.00004	3.8473
#2	.00088	-.00294	-.00160	.00209	-.00588	-.0012	-.00001	3.4902
#3	.00245	-.00502	-.00127	-.00084	-.00430	-.0008	.00005	3.9148

Sample Name: CCB08 Acquired: 4/17/2019 19:53:57 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7811
Stddev .4418
%RSD 24.804

#1 2.1290
#2 1.9303
#3 1.2840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4949.2	62513.	6469.2	78.018	5460.7
Stddev	15.8	300.	6.7	.409	16.4
%RSD	.31961	.47971	.10376	.52397	.29977

#1	4931.1	62210.	6464.9	78.361	5441.9
#2	4960.6	62517.	6465.9	77.566	5468.9
#3	4955.7	62810.	6477.0	78.127	5471.4

Sample Name: K2442-15A Acquired: 4/17/2019 19:58:25 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8136 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70865	2.0451	1.1614	1.7917	.21884	142.90	.89314
Stddev	.00165	.0133	.0016	.0076	.00104	.43	.00544
%RSD	.23287	.64975	.13898	.42476	.47621	.29836	.60948

#1	.70778	2.0394	1.1599	1.7915	.21792	142.80	.89146
#2	.71055	2.0356	1.1612	1.7842	.21862	142.53	.88873
#3	.70761	2.0603	1.1631	1.7994	.21997	143.37	.89922

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19529	.20416	24.767	.63714	.36676	.57691	231.22
Stddev	.00062	.00011	.149	.00157	.00058	.00068	1.03
%RSD	.31513	.05475	.60245	.24692	.15830	.11776	.44383

#1	.19525	.20409	24.668	.63551	.36609	.57767	230.05
#2	.19592	.20429	24.695	.63726	.36717	.57637	231.68
#3	.19469	.20410	24.939	.63865	.36701	.57670	231.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1750	58.448	.75496	.05531	21.745	.72467	.76033
Stddev	.0578	.302	.00088	.00038	.069	.00142	.00021
%RSD	.80590	.51600	.11675	.68961	.31747	.19616	.02815

#1	7.2017	58.523	.75495	.05489	21.717	.72479	.76039
#2	7.2146	58.116	.75409	.05564	21.695	.72603	.76009
#3	7.1086	58.706	.75585	.05541	21.824	.72320	.76051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.792	.35506	.36233	.68748	3.0536	.73066	7.9787
Stddev	.103	.00054	.01126	.00621	.0412	.00319	.0495
%RSD	.57673	.15106	3.1073	.90400	1.3490	.43685	.62067

#1	17.709	.35453	.36048	.69216	3.1011	.73010	7.9562
#2	17.760	.35504	.37440	.68043	3.0328	.72778	7.9445
#3	17.907	.35560	.35211	.68985	3.0271	.73409	8.0355

Sample Name: K2442-15A Acquired: 4/17/2019 19:58:25 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8136 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30205	F 11.65	.06300	<.00000	F<.00000
Stddev	.00113	.06	.00166	.03050	.88123
%RSD	.37352	.5099	2.6325	7.0427	3.5144
#1	.30332	11.62	.06392	-.45634	-25.839
#2	.30115	11.60	.06108	-.39857	-24.111
#3	.30169	11.72	.06399	-.44444	-25.275
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5262.1	66577.	7199.4	72.953	4553.9
Stddev	6.8	59.	8.6	.277	2.2
%RSD	.12936	.08927	.11878	.37919	.04782
#1	5257.8	66615.	7207.4	73.186	4552.0
#2	5258.6	66509.	7200.5	72.647	4553.3
#3	5270.0	66608.	7190.4	73.025	4556.3

Sample Name: K2444-01 Acquired: 4/17/2019 20:02:53 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06793	.01048	.93865	.03015	.02790	143.08	1.1374
Stddev	.00239	.00110	.00472	.00311	.00132	.57	.0053
%RSD	3.5219	10.462	.50299	10.322	4.7174	.39721	.46533

#1	.07061	.01065	.94372	.02694	.02638	142.81	1.1340
#2	.06717	.01148	.93784	.03315	.02857	142.70	1.1347
#3	.06600	.00931	.93438	.03037	.02875	143.74	1.1435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01611	.00413	126.69	.31754	.15575	.46670	223.24
Stddev	.00020	.00024	.51	.00236	.00086	.00199	.47
%RSD	1.2711	5.8056	.40589	.74351	.55452	.42538	.20968

#1	.01621	.00430	127.23	.31642	.15675	.46855	223.49
#2	.01588	.00422	126.20	.31595	.15525	.46460	222.70
#3	.01625	.00385	126.63	.32025	.15527	.46696	223.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8461	74.011	.73219	-.01128	6.3589	.43015	1.3628
Stddev	.0277	.352	.00259	.00041	.0310	.00257	.0024
%RSD	.57105	.47518	.35397	3.6012	.48773	.59812	.17402

#1	4.8365	73.663	.73502	-.01081	6.3808	.42873	1.3619
#2	4.8246	74.003	.73162	-.01149	6.3234	.42859	1.3654
#3	4.8774	74.366	.72993	-.01154	6.3724	.43312	1.3610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.138	.00600	.14256	5.9518	9.7612	.04460	4.0639
Stddev	.116	.00042	.00551	.0030	.0786	.00045	.0041
%RSD	.55075	7.0405	3.8666	.05040	.80537	1.0034	.10178

#1	21.060	.00633	.14759	5.9524	9.8468	.04430	4.0599
#2	21.082	.00552	.13666	5.9545	9.7448	.04440	4.0637
#3	21.272	.00613	.14342	5.9486	9.6922	.04512	4.0682

Sample Name: K2444-01 Acquired: 4/17/2019 20:02:53 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-037 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21504	6.773	.18497	.10904	F<.00000
Stddev	.00107	.026	.00149	.15470	.54785
%RSD	.49568	.3822	.80461	141.88	2.3537
#1	.21384	6.794	.18668	.15080	-22.791
#2	.21589	6.782	.18395	.23857	-23.870
#3	.21538	6.744	.18429	-.06225	-23.166
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5152.2	65540.	7258.9	71.737	4419.8
Stddev	8.1	182.	54.5	.892	13.2
%RSD	.15805	.27810	.75051	1.2438	.29912
#1	5145.6	65460.	7196.2	70.913	4418.3
#2	5149.8	65749.	7294.9	72.685	4407.4
#3	5161.3	65412.	7285.5	71.612	4433.7

Sample Name: K2444-03 Acquired: 4/17/2019 20:07:26 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07286	.01029	.86815	.03374	.04078	149.78	1.1687
Stddev	.00159	.00106	.00502	.00182	.00129	.63	.0036
%RSD	2.1786	10.295	.57782	5.4055	3.1514	.42149	.31175

#1	.07145	.00911	.86245	.03565	.04128	149.63	1.1679
#2	.07255	.01116	.87010	.03201	.04175	149.24	1.1655
#3	.07458	.01061	.87190	.03356	.03932	150.48	1.1726

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01642	.00467	105.23	.35262	.19702	.47887	236.57
Stddev	.00009	.00014	.52	.00112	.00073	.00176	1.10
%RSD	.53918	3.0470	.48993	.31747	.36835	.36797	.46309

#1	.01650	.00471	105.64	.35390	.19618	.47832	235.31
#2	.01633	.00479	105.41	.35218	.19747	.48084	237.13
#3	.01643	.00451	104.65	.35179	.19740	.47744	237.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7585	72.661	.75784	-.01278	6.5079	.42284	1.3508
Stddev	.0386	.440	.00147	.00035	.0150	.00160	.0033
%RSD	.67066	.60491	.19455	2.7488	.23081	.37806	.24143

#1	5.7899	72.734	.75613	-.01291	6.5013	.42164	1.3484
#2	5.7154	72.190	.75870	-.01304	6.4972	.42465	1.3545
#3	5.7701	73.060	.75868	-.01238	6.5250	.42222	1.3495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.636	.00440	.14008	8.0700	7.8682	.05462	3.8980
Stddev	.134	.00010	.00540	.0492	.1698	.00124	.0154
%RSD	.59024	2.3363	3.8566	.60955	2.1579	2.2636	.39566

#1	22.638	.00438	.14268	8.0167	7.9991	.05543	3.8889
#2	22.502	.00452	.13387	8.1137	7.9292	.05523	3.9158
#3	22.769	.00432	.14369	8.0795	7.6764	.05319	3.8893

Sample Name: K2444-03 Acquired: 4/17/2019 20:07:26 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-037 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23255	6.716	.17623	<.00000	F<.00000
Stddev	.00077	.056	.00271	.11519	1.0029
%RSD	.33284	.8327	1.5395	28.603	3.5880
#1	.23194	6.662	.17922	-.45304	-28.326
#2	.23229	6.773	.17552	-.48421	-28.716
#3	.23342	6.713	.17394	-.27094	-26.817
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5208.7	66213.	7364.3	73.220	4469.0
Stddev	13.1	156.	51.6	1.840	3.7
%RSD	.25138	.23561	.70136	2.5134	.08193
#1	5196.0	66136.	7314.7	72.002	4468.0
#2	5208.0	66392.	7360.4	72.321	4466.0
#3	5222.2	66110.	7417.7	75.337	4473.1

Sample Name: K2196-06 Acquired: 4/17/2019 20:11:59 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	.00082	.05688	.00162	-.00098	.06613	.07802	.00001
Stddev	.00114	.00080	.00101	.00053	.00103	.01101	.00090	.00001
%RSD	36.192	97.832	1.7703	32.761	104.73	16.643	1.1480	258.50

#1	-.00327	.00033	.05703	.00110	-.00136	.05703	.07854	.00001
#2	-.00422	.00039	.05780	.00216	.00018	.07836	.07854	.00001
#3	-.00195	.00175	.05580	.00161	-.00177	.06300	.07699	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	11.614	.00034	.00209	.00204	.03675	.30725	.98089
Stddev	.00005	.036	.00031	.00026	.00033	.00093	.00035	.01074
%RSD	80.555	.31077	92.497	12.541	16.058	2.5393	.11378	1.0952

#1	.00005	11.606	.00037	.00237	.00222	.03685	.30685	.98495
#2	.00002	11.654	.00001	.00185	.00223	.03763	.30752	.96871
#3	.00012	11.583	.00063	.00205	.00166	.03577	.30737	.98901

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00103	248.27	-.00076	.01647	.78431	-.00007	.01948
Stddev	.00030	.00040	1.45	.00013	.00012	.02295	.00040	.01922
%RSD	132.56	38.918	.58575	16.841	.73014	2.9268	551.32	98.672

#1	.00029	-.00111	249.44	-.00090	.01660	.78310	-.00013	-.00119
#2	.00048	-.00059	246.64	-.00073	.01643	.76199	.00035	.02281
#3	-.00010	-.00138	248.74	-.00065	.01637	.80785	-.00044	.03682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11467	.49588	-.00131	.00085	-.00413	.0026	.04516	4.7368
Stddev	.00114	.00145	.00045	.00099	.00150	.0012	.00008	.0679
%RSD	.99768	.29265	34.548	117.26	36.412	47.03	.17519	1.4340

#1	.11389	.49436	-.00183	.00015	-.00469	.0022	.04508	4.7533
#2	.11415	.49604	-.00096	.00199	-.00527	.0016	.04524	4.6622
#3	.11599	.49725	-.00115	.00040	-.00242	.0040	.04518	4.7950

Sample Name: K2196-06 Acquired: 4/17/2019 20:11:59 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8477
Stddev	1.0370
%RSD	17.733

#1	7.0023
#2	5.5450
#3	4.9957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4621.6	58500.	6431.0	75.331	4717.6
Stddev	25.4	150.	55.5	.861	19.5
%RSD	.54922	.25661	.86367	1.1427	.41429

#1	4597.3	58329.	6452.2	75.670	4697.1
#2	4619.5	58560.	6472.9	75.970	4719.6
#3	4647.9	58610.	6368.0	74.352	4736.0

Sample Name: K2196-06DUP Acquired: 4/17/2019 20:16:33 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00257	-.00040	.05835	.00053	-.00083	.06938	.08000	.00003
Stddev	.00060	.00115	.00088	.00098	.00157	.01030	.00010	.00008
%RSD	23.316	286.36	1.4998	184.35	190.69	14.843	.12056	259.24

#1	-.00293	.00089	.05923	.00152	.00033	.07737	.07991	.00011
#2	-.00188	-.00077	.05748	.00052	-.00262	.05776	.08010	.00005
#3	-.00290	-.00133	.05834	-.00044	-.00019	.07303	.08000	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	12.051	.00016	.00209	.00199	.03465	.31781	1.0194
Stddev	.00005	.070	.00026	.00009	.00054	.00100	.00035	.0666
%RSD	40.267	.58495	160.74	4.3155	27.421	2.9001	.10915	6.5368

#1	.00019	12.081	-.00013	.00204	.00261	.03352	.31748	1.0280
#2	.00010	12.102	.00038	.00220	.00176	.03542	.31817	.94893
#3	.00010	11.971	.00023	.00204	.00159	.03502	.31777	1.0814

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00097	254.70	-.00105	.01590	.85326	-.00028	.01449
Stddev	.00032	.00007	1.23	.00058	.00004	.02837	.00019	.00756
%RSD	87.502	7.0665	.48203	55.507	.27537	3.3246	67.473	52.169

#1	.00002	-.00099	255.17	-.00137	.01594	.82543	-.00006	.00823
#2	.00043	-.00090	255.62	-.00140	.01585	.85220	-.00040	.01236
#3	.00064	-.00103	253.31	-.00038	.01590	.88213	-.00039	.02289

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11448	.51300	-.00120	.00111	-.00229	.0008	.04673	5.0830
Stddev	.00282	.00401	.00070	.00055	.00078	.0008	.00010	.1066
%RSD	2.4605	.78144	58.163	50.132	33.861	98.23	.22315	2.0972

#1	.11722	.50846	-.00118	.00069	-.00305	.0006	.04685	5.0198
#2	.11159	.51449	-.00191	.00089	-.00150	.0002	.04670	5.2060
#3	.11463	.51606	-.00051	.00174	-.00231	.0018	.04665	5.0230

Sample Name: K2196-06DUP Acquired: 4/17/2019 20:16:33 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7426
 Stddev .3504
 %RSD 6.1023

#1 5.8200
 #2 5.3599
 #3 6.0478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4615.2	57571.	6290.8	76.958	4694.6
Stddev	10.4	74.	23.5	.854	3.2
%RSD	.22494	.12930	.37423	1.1095	.06857

#1	4603.8	57488.	6272.6	77.675	4691.4
#2	4618.0	57595.	6282.4	76.014	4697.9
#3	4624.0	57631.	6317.4	77.186	4694.4

Sample Name: K2196-06LX5 Acquired: 4/17/2019 20:21:07 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	.00069	.01146	-.00054	-.00004	.00086	.01651	.00008
Stddev	.00028	.00074	.00024	.00060	.00180	.01244	.00010	.00000
%RSD	44.882	106.96	2.1110	112.73	4087.3	1450.3	.62222	6.0158

#1	-.00092	.00100	.01151	-.00020	.00189	-.01278	.01662	.00008
#2	-.00060	.00124	.01168	-.00123	-.00166	.01159	.01643	.00009
#3	-.00036	-.00015	.01120	-.00018	-.00036	.00376	.01647	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	2.4871	-.00013	.00031	.00031	.00732	.06642	.16788
Stddev	.00008	.0120	.00018	.00012	.00034	.00032	.00049	.03946
%RSD	367.52	.48388	142.54	36.857	111.01	4.4235	.73500	23.504

#1	.00000	2.5000	-.00032	.00020	.00056	.00756	.06586	.18942
#2	-.00012	2.4850	.00004	.00032	-.00008	.00695	.06673	.19188
#3	.00005	2.4763	-.00009	.00043	.00044	.00746	.06667	.12234

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00113	51.490	-.00039	.00352	.23170	.00002	-.00675
Stddev	.00051	.00018	.281	.00027	.00005	.03476	.00026	.00239
%RSD	425.60	15.977	.54657	69.865	1.5510	15.001	1190.7	35.389

#1	-.00011	-.00109	51.515	-.00013	.00358	.19524	-.00014	-.00497
#2	-.00063	-.00133	51.197	-.00037	.00350	.23540	.00032	-.00947
#3	.00038	-.00098	51.758	-.00068	.00348	.26445	-.00012	-.00581

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02392	.10895	-.00220	.00032	-.00307	-.0004	.00959	3.9803
Stddev	.00318	.00171	.00045	.00041	.00038	.0012	.00013	.1899
%RSD	13.295	1.5728	20.548	130.48	12.381	290.7	1.3152	4.7713

#1	.02601	.10723	-.00171	.00002	-.00270	.0009	.00959	4.1218
#2	.02026	.10896	-.00229	.00079	-.00346	-.0015	.00972	3.7645
#3	.02550	.11066	-.00261	.00014	-.00305	-.0006	.00947	4.0547

Sample Name: K2196-06LX5 Acquired: 4/17/2019 20:21:07 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0513
Stddev	.9067
%RSD	22.381

#1	5.0910
#2	3.4244
#3	3.6387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4803.4	60733.	6390.4	77.646	5049.5
Stddev	10.4	107.	43.7	.577	15.6
%RSD	.21681	.17692	.68460	.74367	.30916

#1	4791.7	60619.	6378.6	76.987	5032.6
#2	4806.9	60748.	6353.7	78.067	5052.4
#3	4811.6	60832.	6438.8	77.882	5063.4

Sample Name: K2196-06MS Acquired: 4/17/2019 20:25:35 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-041619 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	.82973	1.9990	1.0817	2.1269	.81463	2.0938	.29717	.20670	.20458
Stddev	.00484	.0098	.0046	.0052	.00435	.0200	.00083	.00028	.00127
%RSD	.58349	.48777	.42609	.24227	.53391	.95753	.27819	.13491	.62228

#1	.83092	2.0021	1.0870	2.1292	.81748	2.0707	.29683	.20702	.20578
#2	.82441	2.0068	1.0794	2.1305	.80962	2.1057	.29656	.20651	.20471
#3	.83387	1.9881	1.0787	2.1210	.81678	2.1050	.29811	.20658	.20324

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.660	.41637	.21520	.31762	3.1994	.54396	3.1081	.52013	.07181
Stddev	.073	.00103	.00074	.00185	.0046	.00055	.0187	.00224	.00076
%RSD	.53156	.24737	.34544	.58168	.14429	.10090	.60276	.42995	1.0649

#1	13.577	.41537	.21556	.31929	3.1941	.54432	3.1024	.52256	.07127
#2	13.705	.41743	.21434	.31563	3.2028	.54333	3.1290	.51968	.07148
#3	13.699	.41633	.21569	.31793	3.2013	.54423	3.0928	.51816	.07269

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	264.70	.31753	.23348	11.531	.44089	.32413	.11061	1.4253	.72122
Stddev	2.35	.00179	.00064	.097	.00121	.00075	.00298	.0019	.00245
%RSD	.88844	.56451	.27420	.83686	.27421	.23141	2.6903	.13502	.33935

#1	264.69	.31957	.23418	11.437	.44200	.32483	.10755	1.4275	.72125
#2	262.36	.31620	.23293	11.528	.43960	.32334	.11350	1.4237	.72365
#3	267.06	.31683	.23333	11.630	.44108	.32421	.11079	1.4248	.71876

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21449	.19221	6.256	.24945	5.0936	5.0554
Stddev	.00168	.00273	.019	.00223	.0576	1.3970
%RSD	.78235	1.4220	.3080	.89219	1.1304	27.633

#1	.21302	.19042	6.270	.24841	5.1584	3.4640
#2	.21414	.19536	6.263	.25200	5.0483	5.6230
#3	.21632	.19086	6.234	.24793	5.0740	6.0793

Sample Name: K2196-06MS Acquired: 4/17/2019 20:25:35 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-041619 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4601.7	57476.	6205.4	73.753	4664.7
Stddev	22.6	94.	32.4	1.439	21.3
%RSD	.49051	.16334	.52292	1.9504	.45723
#1	4575.6	57405.	6215.8	75.259	4641.4
#2	4615.2	57441.	6169.0	72.393	4669.6
#3	4614.2	57583.	6231.3	73.608	4683.2

Sample Name: K2196-06MSD Acquired: 4/17/2019 20:29:49 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-041619 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	.82943	2.0065	1.0818	2.1316	.81677	2.1054	.29826	.20732	.20518
Stddev	.00191	.0043	.0021	.0050	.00395	.0409	.00239	.00110	.00028
%RSD	.23055	.21430	.19456	.23472	.48414	1.9446	.80218	.52906	.13698

#1	.82908	2.0093	1.0834	2.1322	.82134	2.0595	.29555	.20610	.20521
#2	.83149	2.0086	1.0826	2.1363	.81436	2.1187	.30007	.20823	.20545
#3	.82772	2.0015	1.0794	2.1263	.81462	2.1381	.29917	.20762	.20489

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.588	.41699	.21566	.31805	3.2061	.54517	3.1512	.52069	.07259
Stddev	.061	.00218	.00004	.00045	.0158	.00260	.0270	.00164	.00029
%RSD	.44607	.52226	.02006	.14235	.49234	.47713	.85644	.31568	.40221

#1	13.521	.41452	.21568	.31850	3.1890	.54219	3.1415	.52054	.07227
#2	13.605	.41781	.21570	.31805	3.2090	.54698	3.1817	.52240	.07283
#3	13.639	.41864	.21562	.31760	3.2202	.54634	3.1305	.51913	.07268

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	264.24	.31735	.23384	11.517	.44122	.31492	.11228	1.4158	.72662
Stddev	1.85	.00291	.00043	.175	.00158	.01017	.00206	.0035	.00354
%RSD	.69871	.91670	.18412	1.5167	.35745	3.2292	1.8362	.24762	.48765

#1	262.23	.31400	.23403	11.322	.44279	.30398	.11114	1.4186	.72864
#2	264.64	.31887	.23415	11.573	.44124	.32409	.11466	1.4170	.72869
#3	265.86	.31919	.23335	11.657	.43963	.31667	.11104	1.4119	.72253

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21000	.19162	6.290	.24794	5.1951	6.4944
Stddev	.00366	.00082	.006	.00035	.0731	.6863
%RSD	1.7446	.42603	.1041	.14115	1.4062	10.567

#1	.20586	.19073	6.288	.24834	5.1274	7.1470
#2	.21282	.19179	6.297	.24775	5.1854	5.7788
#3	.21132	.19234	6.284	.24773	5.2725	6.5573

Sample Name: K2196-06MSD Acquired: 4/17/2019 20:29:49 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-041619 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	4550.1	57164.	6226.3	74.836	4611.6
Stddev	16.0	176.	27.7	.128	3.6
%RSD	.35251	.30718	.44486	.17053	.07830
#1	4532.6	57280.	6194.7	74.892	4607.4
#2	4553.4	57251.	6246.3	74.690	4613.4
#3	4564.2	56962.	6237.9	74.926	4613.9

Sample Name: K2196-06A Acquired: 4/17/2019 20:34:04 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8140 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	.83195	2.0227	1.0876	2.1330	.81772	2.0867	.29522	.20718	.20597
Stddev	.00189	.0085	.0030	.0078	.00415	.0085	.00139	.00056	.00100
%RSD	.22690	.41814	.27595	.36734	.50696	.40728	.46924	.27144	.48755

#1	.83204	2.0263	1.0910	2.1413	.82249	2.0952	.29614	.20719	.20706
#2	.83002	2.0287	1.0854	2.1257	.81576	2.0866	.29588	.20661	.20508
#3	.83379	2.0130	1.0864	2.1321	.81493	2.0782	.29362	.20773	.20576

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.633	.41799	.21627	.31872	3.1956	.54490	3.0600	.52279	.07197
Stddev	.091	.00035	.00036	.00085	.0062	.00091	.0719	.00048	.00070
%RSD	.67104	.08378	.16818	.26732	.19235	.16624	2.3504	.09242	.97595

#1	13.528	.41804	.21668	.31968	3.1943	.54495	3.0182	.52334	.07140
#2	13.679	.41762	.21598	.31805	3.1901	.54397	3.0188	.52260	.07276
#3	13.693	.41832	.21616	.31843	3.2023	.54578	3.1431	.52243	.07177

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	262.74	.31774	.23482	11.460	.44314	.30702	.11367	1.4397	.73002
Stddev	3.02	.00113	.00110	.028	.00182	.00560	.00364	.0047	.00180
%RSD	1.1513	.35619	.46772	.24436	.41148	1.8256	3.2044	.32952	.24635

#1	262.39	.31755	.23607	11.473	.44524	.31346	.11751	1.4344	.73183
#2	259.91	.31672	.23399	11.427	.44211	.30438	.11026	1.4412	.73000
#3	265.93	.31896	.23441	11.479	.44206	.30322	.11326	1.4436	.72823

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21313	.19192	6.324	.24984	5.0486	6.3297
Stddev	.00230	.00233	.019	.00078	.1829	.2710
%RSD	1.0803	1.2129	.3023	.31078	3.6235	4.2814

#1	.21079	.18951	6.332	.24994	4.8777	6.0489
#2	.21319	.19209	6.337	.24901	5.0264	6.3504
#3	.21539	.19416	6.302	.25055	5.2416	6.5897

Sample Name: K2196-06A Acquired: 4/17/2019 20:34:04 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8140 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	4578.0	57470.	6182.6	74.565	4633.2
Stddev	15.4	244.	21.2	1.452	16.6
%RSD	.33628	.42404	.34228	1.9473	.35925
#1	4560.2	57232.	6181.6	73.021	4614.8
#2	4586.5	57719.	6204.2	75.904	4637.7
#3	4587.2	57459.	6161.9	74.769	4647.1

Sample Name: K2197-06 Acquired: 4/17/2019 20:38:17 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	-.00019	.00721	.00081	.00046	.02145	.11561	.00002
Stddev	.00108	.00030	.00022	.00248	.00016	.01426	.00044	.00005
%RSD	43.642	158.19	3.0380	305.79	35.710	66.469	.38052	223.80

#1	-.00356	.00012	.00697	.00167	.00064	.00573	.11590	.00001
#2	-.00247	-.00020	.00740	-.00198	.00032	.02509	.11582	-.00002
#3	-.00140	-.00049	.00727	.00275	.00043	.03354	.11510	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	93.206	.00006	.00274	.00386	.23940	.57588	3.8007
Stddev	.00001	.511	.00036	.00006	.00015	.00114	.00070	.0807
%RSD	6.7014	.54814	558.25	2.2245	3.9178	.47528	.12110	2.1230

#1	.00021	92.724	.00034	.00271	.00398	.23809	.57645	3.7534
#2	.00022	93.152	-.00034	.00281	.00369	.24013	.57510	3.8939
#3	.00019	93.742	.00019	.00270	.00390	.23998	.57610	3.7549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00077	252.50	-.00051	.03531	1.0377	-.00022	.00535
Stddev	.00017	.00027	1.17	.00014	.00011	.0344	.00015	.00722
%RSD	11.008	34.771	.46472	27.791	.30875	3.3173	67.471	135.03

#1	.00138	-.00048	253.46	-.00067	.03543	1.0277	-.00025	.01264
#2	.00172	-.00081	252.84	-.00040	.03522	1.0093	-.00006	.00519
#3	.00163	-.00102	251.19	-.00046	.03528	1.0760	-.00036	-.00179

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45951	1.2393	-.00036	-.00176	.00274	.0004	.36512	5.0409
Stddev	.00150	.0130	.00084	.00166	.00078	.0006	.00105	.0232
%RSD	.32745	1.0466	233.41	94.475	28.597	139.4	.28741	.45997

#1	.45897	1.2247	.00012	-.00182	.00260	.0006	.36454	5.0649
#2	.46121	1.2438	-.00132	-.00007	.00359	.0009	.36450	5.0391
#3	.45835	1.2494	.00013	-.00339	.00204	-.0002	.36634	5.0186

Sample Name: K2197-06 Acquired: 4/17/2019 20:38:17 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.0955
Stddev	.5880
%RSD	7.2636

#1	7.4330
#2	8.5555
#3	8.2979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4554.9	57648.	6327.3	73.945	4627.1
Stddev	2.5	40.	22.0	.103	8.0
%RSD	.05503	.06914	.34833	.13989	.17364

#1	4552.4	57605.	6345.0	74.044	4619.9
#2	4555.0	57653.	6334.4	73.838	4625.6
#3	4557.4	57685.	6302.6	73.953	4635.8

Sample Name: CCV09 Acquired: 4/17/2019 20:42:50 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14856 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1431	5.1480	5.0727	5.1404	5.1261	9.7839	10.118	.25662
Stddev	.0340	.0310	.0278	.0245	.0248	.0613	.037	.00038
%RSD	.66205	.60191	.54835	.47563	.48359	.62626	.36323	.14884
#1	5.1774	5.1822	5.1020	5.1666	5.1530	9.7372	10.087	.25687
#2	5.1093	5.1218	5.0466	5.1182	5.1043	9.7613	10.108	.25681
#3	5.1428	5.1401	5.0695	5.1363	5.1209	9.8533	10.158	.25618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4808	25.181	.99002	2.5392	1.2599	5.0557	2.5965	25.449
Stddev	.0132	.083	.00069	.0145	.0053	.0034	.0036	.221
%RSD	.53216	.33054	.07010	.57272	.41707	.06798	.13747	.86779
#1	2.4941	25.191	.98931	2.5535	1.2655	5.0583	2.5995	25.196
#2	2.4677	25.258	.99069	2.5244	1.2551	5.0518	2.5926	25.544
#3	2.4806	25.093	.99006	2.5397	1.2590	5.0570	2.5975	25.606
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4918	1.2619	24.581	2.4762	2.5534	25.087	5.2722	5.0049
Stddev	.0150	.0008	.144	.0029	.0135	.114	.0219	.0212
%RSD	.60072	.06516	.58576	.11727	.52832	.45367	.41528	.42426
#1	2.5050	1.2621	24.508	2.4745	2.5666	24.994	5.2931	5.0028
#2	2.4756	1.2609	24.488	2.4796	2.5396	25.052	5.2494	4.9847
#3	2.4948	1.2625	24.747	2.4745	2.5539	25.214	5.2740	5.0270
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1937	4.9836	5.0807	5.0882	4.6818	5.221	5.0036	5.0328
Stddev	.0364	.0286	.0309	.0066	.0260	.041	.0328	.1127
%RSD	.70062	.57304	.60758	.12971	.55503	.7757	.65652	2.2398
#1	5.2356	5.0150	5.1119	5.0919	4.7112	5.267	5.0411	5.1431
#2	5.1743	4.9764	5.0502	5.0920	4.6726	5.190	4.9897	5.0376
#3	5.1711	4.9593	5.0801	5.0805	4.6617	5.207	4.9800	4.9178

Sample Name: CCV09 Acquired: 4/17/2019 20:42:50 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14856 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5635
Stddev 1.2949
%RSD 50.511

#1 3.3728
#2 1.0701
#3 3.2477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4788.2	60051.	6434.6	76.234	4848.0
Stddev	20.5	148.	33.3	.968	25.8
%RSD	.42915	.24601	.51688	1.2703	.53187

#1	4765.1	60161.	6399.0	76.538	4819.6
#2	4804.4	60108.	6439.8	75.151	4869.9
#3	4795.1	59883.	6464.9	77.015	4854.4

Sample Name: CCB09 Acquired: 4/17/2019 20:46:54 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14856 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	.00091	-.00068	.00017	.00036	-.01363	.00127	.00002
Stddev	.00172	.00046	.00102	.00153	.00067	.01130	.00042	.00002
%RSD	195.89	50.967	150.42	888.03	189.37	82.879	33.159	90.175

#1	-.00254	.00138	-.00005	-.00152	.00113	-.00182	.00175	.00000
#2	-.00100	.00045	-.00013	.00146	-.00013	-.02433	.00109	.00003
#3	.00090	.00089	-.00185	.00057	.00008	-.01474	.00096	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00018	.00015	-.00010	-.00005	-.00064	.00003	.00256
Stddev	.00007	.00221	.00014	.00014	.00017	.00068	.00005	.01787
%RSD	119.42	1216.1	97.533	143.91	342.19	106.87	151.32	698.69

#1	-.00013	.00232	.00022	-.00018	-.00013	.00012	.00004	.02154
#2	-.00000	-.00209	.00024	.00006	-.00016	-.00121	-.00002	.00006
#3	-.00003	.00032	-.00002	-.00017	.00015	-.00082	.00008	-.01393

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00117	.23687	-.00069	-.00062	.02659	.00049	.00628
Stddev	.00030	.00050	.01805	.00017	.00007	.01365	.00014	.01553
%RSD	52.383	42.377	7.6192	24.874	11.748	51.329	27.534	247.33

#1	.00092	-.00104	.21641	-.00079	-.00059	.01100	.00060	.02042
#2	.00043	-.00172	.24368	-.00050	-.00056	.03640	.00034	-.01034
#3	.00038	-.00075	.25053	-.00080	-.00070	.03238	.00054	.00876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	-.00146	-.00173	.00100	-.00484	-.0008	.00004	F 3.6753
Stddev	.00168	.00209	.00042	.00152	.00105	.0009	.00007	.1206
%RSD	73.677	143.21	24.192	152.00	21.642	111.6	166.38	3.2808

#1	-.00206	-.00304	-.00202	-.00045	-.00605	-.0015	-.00001	3.6974
#2	-.00406	-.00226	-.00125	.00258	-.00431	-.0011	.00013	3.7832
#3	-.00072	.00091	-.00191	.00087	-.00417	.0002	.00002	3.5452

Sample Name: CCB09 Acquired: 4/17/2019 20:46:54 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14856 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6138
Stddev 1.5884
%RSD 60.770

#1 4.4469
#2 1.6437
#3 1.7508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4967.0	62283.	6459.1	78.126	5464.8
Stddev	8.1	231.	52.6	.418	10.4
%RSD	.16336	.37049	.81435	.53568	.19032

#1	4968.3	62056.	6414.4	77.925	5454.9
#2	4958.3	62275.	6445.7	78.607	5463.8
#3	4974.4	62518.	6517.1	77.845	5475.7

Sample Name: K2197-08 Acquired: 4/17/2019 20:51:23 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00245	-.00031	.03118	.00194	-.00057	1.9279	.15036	.00011
Stddev	.00068	.00024	.00028	.00311	.00100	.0077	.00033	.00002
%RSD	27.732	76.511	.88724	160.31	174.33	.39862	.21810	22.125

#1	-.00205	-.00005	.03088	.00341	-.00103	1.9191	.14999	.00012
#2	-.00323	-.00037	.03143	.00403	-.00126	1.9321	.15046	.00012
#3	-.00206	-.00051	.03122	-.00163	.00057	1.9327	.15062	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	71.461	.00252	.00311	.00971	2.2797	.56763	3.2518
Stddev	.00003	.475	.00027	.00003	.00022	.0042	.00038	.0138
%RSD	8.6800	.66419	10.554	.83978	2.2648	.18217	.06708	.42361

#1	.00042	70.923	.00238	.00312	.00968	2.2751	.56758	3.2376
#2	.00036	71.819	.00235	.00314	.00994	2.2811	.56728	3.2651
#3	.00039	71.641	.00282	.00308	.00950	2.2831	.56804	3.2527

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	-.00095	230.48	.00359	.06065	1.4139	-.00000	.00957
Stddev	.00029	.00028	.89	.00042	.00021	.0278	.00011	.00963
%RSD	9.0831	29.043	.38639	11.608	.34456	1.9657	3501.8	100.65

#1	.00344	-.00127	229.54	.00403	.06043	1.4180	-.00006	.00092
#2	.00310	-.00075	231.31	.00320	.06068	1.3842	.00012	.00783
#3	.00287	-.00085	230.58	.00354	.06084	1.4393	-.00006	.01995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30552	3.2640	.00067	.09042	.00087	.0716	.28641	5.0820
Stddev	.00648	.0274	.00090	.00094	.00146	.0006	.00142	.2355
%RSD	2.1214	.83851	132.88	1.0428	168.18	.8134	.49445	4.6336

#1	.30079	3.2325	-.00014	.09150	-.00022	.0713	.28501	5.2643
#2	.31290	3.2810	.00053	.08996	.00254	.0722	.28639	5.1655
#3	.30286	3.2786	.00163	.08979	.00029	.0712	.28784	4.8161

Sample Name: K2197-08 Acquired: 4/17/2019 20:51:23 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.1939
 Stddev .5927
 %RSD 6.4470

#1 8.5883
 #2 9.7729
 #3 9.2205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4572.2	58042.	6303.9	74.847	4642.1
Stddev	15.3	39.	20.4	1.663	10.0
%RSD	.33414	.06731	.32364	2.2223	.21603

#1	4561.7	58020.	6314.7	76.747	4639.4
#2	4589.7	58018.	6316.5	74.136	4653.2
#3	4565.2	58087.	6280.3	73.656	4633.7

Sample Name: K2197-10 Acquired: 4/17/2019 20:55:54 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	.00021	.03287	.00026	-.00064	.04853	.13407	.00001
Stddev	.00123	.00041	.00088	.00150	.00151	.00589	.00119	.00003
%RSD	46.511	192.15	2.6729	577.33	238.23	12.146	.88886	495.79

#1	-.00312	-.00026	.03375	-.00146	.00107	.04681	.13270	-.00000
#2	-.00125	.00049	.03199	.00128	-.00184	.04369	.13472	.00004
#3	-.00357	.00041	.03287	.00096	-.00114	.05510	.13480	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	81.428	.00006	.00383	.00430	.03424	.56824	3.1832
Stddev	.00001	.412	.00023	.00012	.00039	.00104	.00062	.0249
%RSD	2.4207	.50549	380.73	3.1042	9.0522	3.0472	.10830	.78127

#1	.00041	81.865	-.00003	.00370	.00472	.03321	.56889	3.1581
#2	.00043	81.047	.00032	.00386	.00396	.03529	.56816	3.1838
#3	.00041	81.373	-.00011	.00393	.00421	.03422	.56766	3.2078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	-.00091	227.33	-.00068	.05899	1.1760	-.00001	.00577
Stddev	.00006	.00009	2.20	.00029	.00017	.0453	.00039	.00884
%RSD	3.0360	9.8983	.96964	42.603	.28885	3.8513	3492.3	153.38

#1	.00208	-.00089	225.76	-.00083	.05911	1.1508	-.00046	.01391
#2	.00213	-.00083	226.38	-.00035	.05908	1.1489	.00016	-.00364
#3	.00201	-.00101	229.85	-.00087	.05880	1.2283	.00026	.00702

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67287	1.3793	-.00142	-.00070	.00053	.0012	.35631	5.0938
Stddev	.00108	.0017	.00069	.00143	.00036	.0006	.00147	.0891
%RSD	.16045	.12135	48.576	204.51	68.987	49.65	.41198	1.7481

#1	.67397	1.3791	-.00171	-.00075	.00089	.0017	.35775	5.1894
#2	.67282	1.3777	-.00191	-.00211	.00052	.0006	.35482	5.0786
#3	.67181	1.3810	-.00063	.00075	.00017	.0012	.35635	5.0133

Sample Name: K2197-10 Acquired: 4/17/2019 20:55:54 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4394
Stddev 1.2089
%RSD 16.251

#1 7.4003
#2 8.6673
#3 6.2504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4557.3	57182.	6249.6	73.860	4638.1
Stddev	16.8	154.	49.2	.657	17.0
%RSD	.36830	.26860	.78692	.88969	.36625

#1	4539.6	57009.	6196.5	73.885	4622.4
#2	4559.3	57239.	6293.6	74.505	4635.7
#3	4573.0	57300.	6258.5	73.191	4656.1

Sample Name: K2197-12 Acquired: 4/17/2019 21:00:27 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00111	.01383	.00040	-.00073	.04690	.13756	-.00003
Stddev	.00090	.00133	.00032	.00105	.00067	.01895	.00058	.00004
%RSD	165.93	119.96	2.2820	261.03	92.127	40.412	.42237	104.69

#1	-.00035	.00037	.01410	.00135	-.00006	.06846	.13806	-.00007
#2	.00025	-.00220	.01349	-.00073	-.00141	.03934	.13692	.00000
#3	-.00153	-.00148	.01391	.00059	-.00072	.03289	.13771	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	82.062	-.00008	.00341	.00369	.05062	.67929	3.7712
Stddev	.00004	.392	.00018	.00006	.00048	.00063	.00068	.0222
%RSD	26.572	.47749	218.39	1.8495	13.009	1.2482	.10027	.58918

#1	.00012	81.892	-.00024	.00343	.00424	.05016	.67976	3.7890
#2	.00020	81.784	-.00011	.00345	.00335	.05036	.67960	3.7782
#3	.00015	82.510	.00011	.00333	.00348	.05134	.67851	3.7463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00133	255.73	-.00061	.03875	1.0676	.00011	-.00135
Stddev	.00015	.00014	1.49	.00025	.00004	.0237	.00027	.00812
%RSD	12.614	10.275	.58421	40.446	.11502	2.2240	250.89	600.80

#1	.00126	-.00135	255.18	-.00069	.03877	1.0611	.00001	.00082
#2	.00099	-.00146	254.59	-.00033	.03870	1.0479	.00041	.00546
#3	.00123	-.00119	257.42	-.00080	.03878	1.0940	-.00010	-.01034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35545	1.6362	-.00090	-.00148	.00253	.0021	.36599	5.0051
Stddev	.00303	.0133	.00017	.00062	.00155	.0010	.00070	.0860
%RSD	.85316	.81335	19.199	41.898	61.212	49.01	.19022	1.7176

#1	.35714	1.6239	-.00110	-.00077	.00216	.0009	.36586	4.9855
#2	.35727	1.6342	-.00077	-.00189	.00423	.0029	.36537	5.0992
#3	.35195	1.6503	-.00083	-.00179	.00120	.0026	.36674	4.9306

Sample Name: K2197-12 Acquired: 4/17/2019 21:00:27 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.2569
Stddev	.6961
%RSD	7.5199

#1	9.6049
#2	8.4555
#3	9.7105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4561.8	57518.	6269.3	74.228	4612.0
Stddev	6.7	283.	14.3	.352	10.5
%RSD	.14765	.49242	.22739	.47387	.22807

#1	4559.6	57198.	6257.3	74.480	4600.3
#2	4569.4	57736.	6285.1	74.379	4615.0
#3	4556.5	57620.	6265.6	73.826	4620.7

Sample Name: K2197-14 Acquired: 4/17/2019 21:05:01 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.00046	.01121	-.00220	-.00174	.03172	.12103	.00002
Stddev	.00326	.00104	.00055	.00032	.00007	.00302	.00031	.00007
%RSD	108.91	228.42	4.8981	14.578	3.8407	9.5265	.25349	296.66

#1	-.00084	-.00108	.01176	-.00202	-.00181	.03503	.12129	-.00002
#2	-.00674	-.00103	.01066	-.00257	-.00168	.03099	.12110	-.00001
#3	-.00139	.00075	.01120	-.00202	-.00173	.02912	.12069	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	97.466	.00015	.00346	.00313	.13049	.66335	5.1479
Stddev	.00002	.262	.00036	.00030	.00035	.00130	.00087	.1107
%RSD	20.866	.26915	241.94	8.7529	11.126	.99421	.13143	2.1505

#1	.00007	97.251	-.00011	.00375	.00294	.13176	.66305	5.0789
#2	.00008	97.389	.00056	.00314	.00353	.13056	.66433	5.0891
#3	.00011	97.758	-.00001	.00348	.00292	.12916	.66267	5.2756

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	-.00082	251.55	-.00088	.04127	1.3582	-.00020	.00894
Stddev	.00017	.00021	1.15	.00024	.00012	.0164	.00024	.01776
%RSD	11.705	25.578	.45565	27.438	.30106	1.2068	118.66	198.62

#1	.00134	-.00101	252.07	-.00114	.04113	1.3415	-.00008	-.00890
#2	.00165	-.00086	250.23	-.00080	.04137	1.3742	-.00005	.00911
#3	.00137	-.00059	252.34	-.00068	.04130	1.3590	-.00047	.02661

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34833	1.2973	-.00075	.00023	.00312	.0009	.39009	5.1151
Stddev	.00195	.0100	.00018	.00124	.00135	.0007	.00056	.0076
%RSD	.56034	.77399	23.800	531.50	43.452	80.25	.14479	.14784

#1	.35057	1.2978	-.00066	.00166	.00230	.0018	.39033	5.1185
#2	.34701	1.2870	-.00096	-.00034	.00468	.0007	.38944	5.1203
#3	.34740	1.3071	-.00064	-.00061	.00237	.0003	.39050	5.1064

Sample Name: K2197-14 Acquired: 4/17/2019 21:05:01 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-041619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.6420
Stddev	.6764
%RSD	7.8270

#1	8.2273
#2	9.4225
#3	8.2762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4527.0	57181.	6185.1	73.551	4577.5
Stddev	3.4	127.	15.0	2.181	4.3
%RSD	.07587	.22201	.24298	2.9647	.09502

#1	4524.3	57042.	6182.8	71.841	4575.2
#2	4530.9	57210.	6201.2	76.007	4574.8
#3	4525.9	57291.	6171.4	72.805	4582.5

Sample Name: K2198-04 Acquired: 4/17/2019 21:09:35 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-041619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	-.00053	.00262	.00091	-.00105	.00001	.12357	-.00008
Stddev	.00096	.00070	.00023	.00070	.00191	.00572	.00073	.00006
%RSD	153.03	132.02	8.8057	77.312	182.08	38965.	.59215	77.899

#1	-.00063	-.00101	.00241	.00140	-.00200	.00511	.12353	-.00014
#2	.00033	-.00085	.00257	.00010	-.00229	.00110	.12286	-.00008
#3	-.00158	.00027	.00287	.00122	.00115	-.00617	.12432	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	179.25	-.00030	.00109	.00252	.03663	.56161	3.3595
Stddev	.00006	.29	.00017	.00017	.00023	.00089	.00039	.0386
%RSD	144.56	.15940	56.445	15.818	8.9763	2.4199	.06953	1.1503

#1	.00000	178.92	-.00027	.00104	.00242	.03621	.56147	3.3409
#2	.00011	179.40	-.00049	.00128	.00278	.03604	.56205	3.4040
#3	.00001	179.43	-.00015	.00095	.00237	.03765	.56131	3.3338

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00134	264.81	-.00092	.02822	.47946	-.00004	.00126
Stddev	.00005	.00035	2.83	.00031	.00014	.00840	.00029	.00322
%RSD	45.329	26.003	1.0687	33.930	.51104	1.7513	796.72	254.72

#1	.00012	-.00132	263.36	-.00124	.02805	.48543	-.00030	-.00206
#2	.00016	-.00100	263.00	-.00092	.02832	.46986	-.00010	.00438
#3	.00006	-.00169	268.07	-.00061	.02828	.48310	.00028	.00147

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11262	.21502	-.00106	-.00310	.00721	-.0019	.65314	5.1831
Stddev	.00119	.00437	.00011	.00096	.00133	.0003	.00080	.1375
%RSD	1.0560	2.0311	10.754	30.884	18.510	14.61	.12291	2.6524

#1	.11126	.21935	-.00111	-.00304	.00610	-.0021	.65252	5.0742
#2	.11346	.21510	-.00113	-.00408	.00869	-.0016	.65405	5.3375
#3	.11314	.21062	-.00093	-.00217	.00683	-.0020	.65287	5.1374

Sample Name: K2198-04 Acquired: 4/17/2019 21:09:35 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-041619 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.5303
Stddev 1.0813
%RSD 11.346

#1 10.723
#2 9.2545
#3 8.6136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4459.2	56408.	6192.1	72.885	4492.5
Stddev	9.6	168.	6.9	2.137	12.4
%RSD	.21437	.29750	.11209	2.9317	.27613

#1	4448.5	56303.	6184.1	70.973	4483.3
#2	4462.0	56602.	6195.6	75.192	4487.6
#3	4467.0	56320.	6196.5	72.490	4506.6

Sample Name: K2430-02 Acquired: 4/17/2019 21:14:09 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	-.00103	.00080	.00053	.00050	.09300	.18941	-.00009
Stddev	.00205	.00081	.00055	.00344	.00243	.00694	.00029	.00002
%RSD	102.33	78.985	68.619	645.54	489.33	7.4589	.15087	19.151

#1	.00036	-.00038	.00144	-.00147	-.00078	.09187	.18974	-.00010
#2	-.00321	-.00076	.00047	.00451	-.00103	.10043	.18926	-.00007
#3	-.00317	-.00194	.00050	-.00144	.00330	.08669	.18923	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	16.541	.00074	.00099	.00074	.51268	.22810	.82480
Stddev	.00008	.080	.00028	.00014	.00029	.00383	.00088	.00502
%RSD	835.61	.48598	37.531	14.417	39.159	.74678	.38493	.60899

#1	.00007	16.463	.00096	.00091	.00043	.50977	.22794	.81902
#2	-.00001	16.624	.00043	.00091	.00101	.51701	.22731	.82815
#3	-.00009	16.535	.00082	.00115	.00077	.51125	.22904	.82722

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00133	272.56	-.00013	.14432	.92546	-.00040	.04345
Stddev	.00023	.00058	.98	.00052	.00016	.01612	.00020	.00438
%RSD	15.362	43.244	.35847	395.53	.11018	1.7418	51.600	10.075

#1	.00125	-.00195	271.44	.00047	.14450	.92009	-.00031	.04831
#2	.00160	-.00080	272.99	-.00037	.14420	.91271	-.00063	.03981
#3	.00169	-.00125	273.24	-.00049	.14427	.94358	-.00025	.04225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21357	.60005	-.00064	-.00084	-.00157	.0022	.05265	5.0208
Stddev	.00170	.00564	.00068	.00088	.00041	.0012	.00016	.2153
%RSD	.79831	.93958	105.59	105.80	26.250	51.71	.30944	4.2876

#1	.21492	.59397	-.00137	-.00162	-.00187	.0022	.05247	5.1463
#2	.21165	.60512	-.00004	-.00101	-.00110	.0035	.05274	4.7722
#3	.21413	.60105	-.00051	.00012	-.00173	.0011	.05275	5.1438

Sample Name: K2430-02 Acquired: 4/17/2019 21:14:09 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.5106
Stddev	.1949
%RSD	2.2904

#1	8.2979
#2	8.6807
#3	8.5531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4606.7	57382.	6240.9	74.011	4667.4
Stddev	10.1	5.	14.0	1.359	10.6
%RSD	.21917	.00916	.22370	1.8359	.22699

#1	4598.1	57388.	6247.9	72.743	4656.3
#2	4604.3	57381.	6250.0	75.445	4668.2
#3	4617.8	57378.	6224.9	73.845	4677.5

Sample Name: K2430-04 Acquired: 4/17/2019 21:18:42 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-CHIPS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00541	-.00116	.07136	.00168	.00863	.22136	.19212	-.00009
Stddev	.00319	.00038	.00011	.00092	.00012	.00843	.00064	.00002
%RSD	58.989	32.762	.15323	54.460	1.3710	3.8102	.33355	18.387
#1	-.00902	-.00114	.07131	.00231	.00871	.22045	.19247	-.00010
#2	-.00294	-.00154	.07149	.00063	.00849	.23021	.19138	-.00007
#3	-.00428	-.00078	.07129	.00211	.00869	.21341	.19250	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08069	.89055	.78782	.00669	.08355	.06805	.02953	.10126
Stddev	.00024	.01245	.00452	.00018	.00032	.00085	.00012	.03541
%RSD	.30015	1.3976	.57327	2.6914	.38581	1.2419	.40872	34.965
#1	.08060	.90464	.79179	.00683	.08347	.06722	.02961	.13158
#2	.08050	.88592	.78291	.00648	.08391	.06891	.02959	.06235
#3	.08096	.88108	.78878	.00674	.08328	.06803	.02939	.10986
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	-.00090	269.11	.00043	17.919	1.9475	-.00453	.02054
Stddev	.00017	.00046	.13	.00019	.071	.0142	.00051	.01371
%RSD	3.0309	51.859	.04908	44.938	.39478	.72811	11.170	66.760
#1	.00575	-.00133	269.00	.00032	17.943	1.9561	-.00395	.02065
#2	.00574	-.00041	269.26	.00032	17.840	1.9553	-.00481	.03419
#3	.00545	-.00095	269.06	.00065	17.976	1.9311	-.00485	.00677
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2386	.14520	-.00173	-.00010	-.00125	.0062	.01357	4.8160
Stddev	.0024	.00057	.00061	.00107	.00036	.0004	.00013	.0311
%RSD	.18995	.39550	35.354	1023.1	28.453	6.666	.97160	.64517
#1	1.2380	.14513	-.00148	-.00022	-.00149	.0059	.01369	4.7944
#2	1.2366	.14467	-.00243	.00102	-.00142	.0066	.01343	4.8516
#3	1.2412	.14581	-.00128	-.00111	-.00084	.0060	.01359	4.8021

Sample Name: K2430-04 Acquired: 4/17/2019 21:18:42 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PAINT-CHIPS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.2448
Stddev	.6743
%RSD	12.856

#1	5.4416
#2	4.4941
#3	5.7988

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4625.2	57846.	6223.6	73.511	4716.1
Stddev	17.5	177.	15.4	.773	13.9
%RSD	.37766	.30532	.24721	1.0516	.29460

#1	4619.6	57643.	6215.4	72.659	4701.4
#2	4611.1	57927.	6214.0	73.705	4717.7
#3	4644.7	57968.	6241.3	74.168	4729.1

Sample Name: K2430-06 Acquired: 4/17/2019 21:23:14 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00475	-.00064	-.00046	-.00051	.00127	.00512	.11801	-.00008
Stddev	.00118	.00116	.00019	.00369	.00076	.00752	.00125	.00002
%RSD	24.949	182.06	41.880	721.56	59.423	146.80	1.0613	21.205

#1	-.00611	-.00025	-.00024	-.00141	.00040	-.00091	.11705	-.00006
#2	-.00421	-.00194	-.00062	-.00368	.00179	.00274	.11943	-.00009
#3	-.00393	.00028	-.00051	.00355	.00162	.01355	.11756	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	4.5982	.00163	.00390	-.00007	.08589	.00419	-.00646
Stddev	.00004	.0204	.00007	.00013	.00027	.00040	.00008	.03958
%RSD	28.039	.44276	4.4958	3.3419	398.30	.46746	1.9638	613.07

#1	-.00016	4.5859	.00167	.00390	-.00003	.08632	.00412	.01088
#2	-.00013	4.5870	.00155	.00378	.00018	.08552	.00428	-.05175
#3	-.00009	4.6217	.00168	.00404	-.00035	.08582	.00416	.02150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00009	248.05	-.00060	2.3915	.31027	.00028	.12281
Stddev	.00027	.00044	2.75	.00009	.0007	.02938	.00034	.01918
%RSD	35.800	487.67	1.1070	14.168	.02937	9.4689	123.35	15.618

#1	-.00095	.00050	244.93	-.00051	2.3908	.27806	.00028	.14297
#2	-.00088	-.00037	249.08	-.00061	2.3917	.31715	.00061	.12065
#3	-.00045	.00013	250.13	-.00068	2.3921	.33559	-.00007	.10480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49894	.05456	-.00103	.00079	-.00105	.1907	.00392	4.7340
Stddev	.00424	.00077	.00034	.00150	.00087	.0020	.00010	.1086
%RSD	.85014	1.4077	32.787	190.97	82.887	1.050	2.4384	2.2943

#1	.49593	.05538	-.00064	-.00085	-.00169	.1921	.00389	4.8308
#2	.49710	.05385	-.00119	.00211	-.00006	.1884	.00402	4.7547
#3	.50379	.05445	-.00126	.00111	-.00140	.1915	.00384	4.6165

Sample Name: K2430-06 Acquired: 4/17/2019 21:23:14 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.4643
Stddev	1.5085
%RSD	23.336

#1	6.2609
#2	8.0643
#3	5.0679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4645.9	58059.	6293.5	76.342	4757.4
Stddev	23.3	217.	22.1	.602	11.8
%RSD	.50149	.37314	.35126	.78910	.24712

#1	4625.2	58306.	6292.4	75.732	4746.8
#2	4641.3	57900.	6316.1	76.357	4755.5
#3	4671.2	57971.	6271.9	76.936	4770.1

Sample Name: K2434-03 Acquired: 4/17/2019 21:27:49 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-288 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	.00160	.00481	-.00063	-.00100	.00359	.11449	.00001
Stddev	.00148	.00118	.00029	.00176	.00077	.00562	.00050	.00003
%RSD	51.375	73.238	6.0502	281.45	77.335	156.46	.44003	220.17

#1	-.00142	.00095	.00450	.00136	-.00011	.00997	.11505	.00001
#2	-.00438	.00296	.00484	-.00125	-.00145	.00148	.11437	-.00001
#3	-.00283	.00090	.00508	-.00199	-.00144	-.00066	.11406	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	114.83	.00315	-.00003	.00330	.00837	.20337	3.6723
Stddev	.00004	.15	.00024	.00019	.00032	.00097	.00012	.0186
%RSD	25.735	.13491	7.5572	572.45	9.7585	11.646	.05897	.50754

#1	.00011	114.89	.00294	-.00019	.00329	.00945	.20345	3.6591
#2	.00013	114.95	.00310	.00018	.00363	.00757	.20342	3.6936
#3	.00018	114.66	.00341	-.00009	.00299	.00809	.20323	3.6641

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00089	265.09	.00022	.02716	1.6467	.00057	.00949
Stddev	.00018	.00025	1.28	.00019	.00007	.0261	.00009	.00369
%RSD	5.5723	28.070	.48462	85.328	.26851	1.5850	16.184	38.920

#1	.00332	-.00114	264.05	.00043	.02708	1.6618	.00067	.01316
#2	.00322	-.00087	266.53	.00020	.02722	1.6165	.00055	.00956
#3	.00298	-.00065	264.70	.00005	.02719	1.6616	.00048	.00577

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4948	5.2950	-.00194	-.00348	.00485	.0012	.53440	5.2526
Stddev	.0106	.0099	.00034	.00159	.00203	.0005	.00031	.1981
%RSD	.30195	.18638	17.689	45.570	41.938	39.88	.05797	3.7720

#1	3.5001	5.2854	-.00179	-.00248	.00280	.0010	.53412	5.0340
#2	3.5016	5.2944	-.00233	-.00531	.00489	.0008	.53436	5.3037
#3	3.4826	5.3051	-.00170	-.00266	.00687	.0017	.53473	5.4202

Sample Name: K2434-03 Acquired: 4/17/2019 21:27:49 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-288 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.9120
 Stddev 1.2105
 %RSD 12.212

#1 9.2588
 #2 11.309
 #3 9.1684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4569.3	57529.	6319.4	75.984	4635.7
Stddev	1.0	153.	14.7	1.095	4.5
%RSD	.02121	.26661	.23207	1.4418	.09782

#1	4568.3	57413.	6325.7	75.067	4640.5
#2	4569.6	57470.	6302.7	77.197	4635.1
#3	4570.2	57702.	6329.9	75.689	4631.5

Sample Name: K2435-03 Acquired: 4/17/2019 21:32:22 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BWM-S1-SOIL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00505	.00027	.07117	-.00077	.00135	-.02131	.19722	-.00005
Stddev	.00042	.00089	.00105	.00144	.00095	.00894	.00059	.00006
%RSD	8.2478	327.69	1.4815	187.51	70.265	41.967	.29932	120.72

#1	-.00488	-.00047	.07165	-.00004	.00152	-.01964	.19787	.00001
#2	-.00474	.00126	.06997	-.00243	.00219	-.01332	.19710	-.00005
#3	-.00552	.00002	.07191	.00016	.00032	-.03097	.19671	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01844	138.51	.00061	.00339	.83393	-.00221	.29528	2.6141
Stddev	.00015	.72	.00026	.00015	.00107	.00078	.00025	.0065
%RSD	.80580	.52258	42.295	4.3110	.12866	35.134	.08374	.24712

#1	.01827	137.68	.00033	.00351	.83270	-.00154	.29555	2.6156
#2	.01851	139.05	.00067	.00344	.83460	-.00306	.29522	2.6196
#3	.01855	138.79	.00083	.00323	.83451	-.00202	.29507	2.6070

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02905	-.00111	273.57	-.00013	8.5824	2.6447	-.00208	.02330
Stddev	.00053	.00021	.47	.00031	.0041	.0246	.00021	.00972
%RSD	1.8315	19.313	.17141	229.70	.04726	.92907	9.8701	41.702

#1	.02915	-.00108	273.21	-.00039	8.5801	2.6678	-.00230	.03022
#2	.02847	-.00134	274.10	.00020	8.5799	2.6476	-.00205	.01219
#3	.02952	-.00092	273.41	-.00021	8.5871	2.6189	-.00189	.02748

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5129	2.2134	-.00087	-.00325	.00933	.0092	.40171	5.1231
Stddev	.0053	.0156	.00114	.00121	.00014	.0010	.00155	.0756
%RSD	.35035	.70667	131.40	37.175	1.4537	11.04	.38592	1.4756

#1	1.5183	2.1971	-.00210	-.00205	.00918	.0101	.40006	5.2095
#2	1.5127	2.2283	.00014	-.00447	.00941	.0081	.40313	5.0911
#3	1.5077	2.2147	-.00064	-.00322	.00942	.0092	.40195	5.0688

Sample Name: K2435-03 Acquired: 4/17/2019 21:32:22 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BWM-S1-SOIL- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.8995
 Stddev .6547
 %RSD 6.6131

#1 10.654
 #2 9.5681
 #3 9.4769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4539.7	57318.	6224.0	74.224	4597.3
Stddev	16.3	18.	16.5	.770	12.7
%RSD	.36004	.03202	.26563	1.0371	.27723

#1	4553.1	57325.	6242.1	73.348	4603.2
#2	4521.5	57297.	6209.8	74.534	4582.6
#3	4544.4	57331.	6220.0	74.790	4606.0

Sample Name: CCB10 Acquired: 4/17/2019 21:40:52 Type: Unk
Method: P4-ICP2(v3057) 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	-.00172	.00120	-.00022	-.00069	.00106	-.01373	.00129	.00001
Stddev	.00302	.00032	.00046	.00017	.00077	.00747	.00032	.00002
%RSD	175.60	26.539	212.85	24.820	72.414	54.400	24.923	262.89

#1	-.00521	.00099	.00006	-.00050	.00020	-.01491	.00130	-.00000
#2	.00002	.00157	-.00075	-.00074	.00129	-.00574	.00096	-.00001
#3	.00003	.00105	.00004	-.00083	.00169	-.02054	.00161	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00159	-.00014	-.00005	-.00006	.00031	.00005	-.03492
Stddev	.00002	.00944	.00028	.00008	.00041	.00039	.00003	.02312
%RSD	92.190	591.85	197.65	161.91	714.32	123.05	49.105	66.193

#1	.00003	-.01120	-.00029	-.00003	-.00012	.00021	.00003	-.01350
#2	-.00000	.00766	-.00032	.00002	-.00043	-.00001	.00005	-.03185
#3	.00004	-.00124	.00018	-.00013	.00038	.00074	.00008	-.05942

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00084	.24974	-.00070	-.00051	.00065	.00015	.00795
Stddev	.00032	.00035	.00889	.00032	.00009	.02447	.00015	.00570
%RSD	242.86	41.312	3.5584	45.537	17.423	3784.4	96.938	71.719

#1	-.00024	-.00062	.23989	-.00103	-.00041	-.02672	.00026	.00443
#2	.00036	-.00123	.25216	-.00067	-.00058	.02043	-.00002	.01453
#3	.00028	-.00065	.25717	-.00040	-.00054	.00823	.00021	.00489

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00332	-.00117	.00087	-.00293	-.0015	.00000	F 3.8189
Stddev	.00315	.00363	.00039	.00098	.00090	.0007	.00006	.3865
%RSD	188.24	109.27	33.147	112.25	30.648	44.55	2792.5	10.121

#1	-.00522	-.00063	-.00143	.00168	-.00382	-.0019	-.00002	3.8363
#2	-.00061	-.00745	-.00135	.00115	-.00297	-.0017	.00007	4.1964
#3	.00080	-.00189	-.00072	-.00022	-.00202	-.0007	-.00004	3.4239

Sample Name: CCB10 Acquired: 4/17/2019 21:40:52 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2548
Stddev .6160
%RSD 18.926

#1 3.6210
#2 3.5999
#3 2.5436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4935.4	61708.	6304.0	76.348	5421.3
Stddev	6.3	138.	12.6	1.139	6.2
%RSD	.12664	.22283	.20004	1.4918	.11462

#1	4931.6	61579.	6302.3	77.400	5414.9
#2	4942.6	61691.	6317.4	76.507	5427.3
#3	4932.0	61853.	6292.4	75.139	5421.7

Sample Name: K2435-04 Acquired: 4/17/2019 21:45:21 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BWM-S2-SOIL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00565	-.00019	.10698	.00140	.00053	-.02039	.21724	.00001
Stddev	.00354	.00138	.00090	.00041	.00189	.00931	.00089	.00007
%RSD	62.699	712.42	.84516	28.903	354.68	45.676	.41186	795.67

#1	-.00423	.00027	.10733	.00160	.00231	-.01375	.21688	-.00002
#2	-.00304	.00089	.10595	.00166	-.00145	-.03103	.21826	-.00004
#3	-.00968	-.00175	.10766	.00093	.00073	-.01637	.21658	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02363	119.76	.00082	.00310	1.3318	-.00016	.27712	2.2926
Stddev	.00015	.17	.00012	.00008	.0021	.00041	.00053	.0308
%RSD	.63477	.13950	15.088	2.6738	.16047	259.22	.19217	1.3421

#1	.02348	119.84	.00081	.00306	1.3294	-.00042	.27658	2.2630
#2	.02362	119.88	.00071	.00320	1.3328	-.00037	.27715	2.2904
#3	.02378	119.57	.00096	.00305	1.3334	.00031	.27764	2.3244

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03521	-.00117	252.15	-.00049	11.382	2.3087	-.00257	.02221
Stddev	.00007	.00037	.82	.00013	.007	.0378	.00033	.01772
%RSD	.21004	31.305	.32353	26.997	.06087	1.6356	12.921	79.791

#1	.03522	-.00080	251.29	-.00034	11.377	2.3222	-.00223	.00789
#2	.03528	-.00153	252.23	-.00057	11.390	2.2661	-.00257	.04202
#3	.03513	-.00118	252.92	-.00056	11.379	2.3379	-.00289	.01670

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4320	1.6787	-.00094	-.00276	.00439	.0045	.31596	5.4470
Stddev	.0055	.0073	.00092	.00207	.00116	.0016	.00059	.0966
%RSD	.38534	.43702	97.881	74.944	26.373	34.57	.18671	1.7737

#1	1.4307	1.6856	-.00008	-.00057	.00307	.0036	.31626	5.3414
#2	1.4273	1.6710	-.00083	-.00305	.00520	.0064	.31635	5.5309
#3	1.4381	1.6795	-.00192	-.00468	.00491	.0037	.31528	5.4688

Sample Name: K2435-04 Acquired: 4/17/2019 21:45:21 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BWM-S2-SOIL- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.8173
Stddev	1.8551
%RSD	18.896

#1	7.7393
#2	11.306
#3	10.406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4514.1	57282.	6214.8	73.170	4578.1
Stddev	7.4	212.	22.8	2.054	2.2
%RSD	.16291	.37018	.36757	2.8074	.04789

#1	4505.7	57137.	6188.4	71.848	4580.3
#2	4519.5	57184.	6227.3	75.537	4575.9
#3	4517.0	57526.	6228.6	72.126	4578.1

Sample Name: K2441-04 Acquired: 4/17/2019 21:49:51 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00366	-.00140	.00417	.00148	.00092	.04483	.06397	-.00008
Stddev	.00100	.00075	.00084	.00111	.00136	.00755	.00029	.00006
%RSD	27.383	53.568	20.116	74.698	148.34	16.834	.44603	79.414

#1	-.00423	-.00054	.00425	.00028	.00097	.05195	.06430	-.00008
#2	-.00250	-.00178	.00497	.00170	.00225	.04563	.06383	-.00013
#3	-.00425	-.00188	.00330	.00247	-.00047	.03692	.06379	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	25.725	.00063	.00150	.00419	.03927	.19133	.78565
Stddev	.00003	.107	.00018	.00023	.00045	.00092	.00035	.05108
%RSD	29.571	.41627	28.054	15.489	10.693	2.3475	.18159	6.5015

#1	-.00010	25.640	.00070	.00152	.00388	.03937	.19108	.76538
#2	-.00008	25.845	.00043	.00172	.00470	.03831	.19119	.84375
#3	-.00014	25.689	.00077	.00126	.00398	.04014	.19173	.74781

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00097	260.15	-.00026	.01626	1.4651	-.00000	.00441
Stddev	.00021	.00032	1.83	.00019	.00009	.0585	.00016	.00754
%RSD	36.092	33.074	.70406	71.128	.54248	3.9933	5156.6	170.73

#1	-.00040	-.00124	260.45	-.00019	.01620	1.4577	.00003	.00122
#2	-.00052	-.00061	261.81	-.00013	.01622	1.4106	.00014	.01302
#3	-.00080	-.00106	258.19	-.00048	.01636	1.5269	-.00018	-.00100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26216	.52506	.00007	.00170	-.00033	.4890	.14029	4.9092
Stddev	.00753	.00368	.00012	.00205	.00177	.0027	.00047	.1293
%RSD	2.8722	.70023	170.28	120.28	537.10	.5590	.33538	2.6343

#1	.26484	.52173	.00020	-.00065	-.00078	.4909	.14013	4.7706
#2	.26798	.52901	-.00003	.00308	.00162	.4903	.14082	4.9302
#3	.25366	.52445	.00004	.00269	-.00183	.4859	.13992	5.0267

Sample Name: K2441-04 Acquired: 4/17/2019 21:49:51 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-18-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.5508
Stddev	.7601
%RSD	7.9583

#1	8.7024
#2	9.7804
#3	10.170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4625.5	57917.	6269.4	74.110	4695.3
Stddev	10.0	202.	7.2	2.288	4.7
%RSD	.21623	.34811	.11445	3.0879	.09978

#1	4635.1	57722.	6263.2	76.752	4694.5
#2	4615.1	57903.	6267.7	72.782	4691.1
#3	4626.2	58125.	6277.3	72.795	4700.3

Sample Name: K2442-04 Acquired: 4/17/2019 21:54:25 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-18-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.00035	.00199	.00221	.00003	.36064	.11150	-.00006
Stddev	.00340	.00081	.00094	.00194	.00111	.01775	.00055	.00003
%RSD	108.51	230.24	47.159	87.919	3590.2	4.9219	.49719	46.024

#1	.00056	-.00123	.00296	.00385	.00123	.34058	.11117	-.00009
#2	-.00384	-.00019	.00109	.00007	-.00018	.37432	.11118	-.00005
#3	-.00613	.00037	.00193	.00270	-.00096	.36701	.11214	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	3.6966	.00093	.00002	.00546	.38546	.05908	.43067
Stddev	.00002	.0069	.00044	.00012	.00022	.00400	.00046	.07598
%RSD	22.342	.18677	47.556	604.24	3.9577	1.0376	.77601	17.642

#1	-.00011	3.6894	.00140	-.00010	.00531	.38540	.05905	.37395
#2	-.00007	3.7032	.00053	.00003	.00571	.38149	.05864	.40108
#3	-.00010	3.6972	.00086	.00013	.00536	.38949	.05955	.51699

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00087	256.04	.00015	.03764	.99626	-.00035	.01960
Stddev	.00020	.00028	2.31	.00036	.00004	.02684	.00028	.01625
%RSD	35.846	31.593	.90157	240.48	.09448	2.6944	79.756	82.891

#1	.00080	-.00056	253.39	-.00015	.03764	.96540	-.00067	.00392
#2	.00049	-.00110	257.60	.00056	.03768	1.0092	-.00015	.01853
#3	.00042	-.00095	257.14	.00004	.03761	1.0142	-.00023	.03637

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13434	.68466	-.00100	.01236	-.00043	.0269	.01646	4.7979
Stddev	.00182	.00507	.00063	.00031	.00051	.0019	.00003	.1835
%RSD	1.3554	.73986	62.946	2.5484	118.80	7.088	.20022	3.8248

#1	.13614	.67936	-.00028	.01260	.00012	.0271	.01642	4.8071
#2	.13249	.68945	-.00147	.01200	-.00088	.0249	.01648	4.9765
#3	.13438	.68517	-.00125	.01247	-.00052	.0287	.01648	4.6099

Sample Name: K2442-04 Acquired: 4/17/2019 21:54:25 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-18-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.3611
 Stddev .7033
 %RSD 8.4113

#1 7.6369
 #2 8.4052
 #3 9.0413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4678.3	58437.	6290.9	73.506	4774.3
Stddev	3.2	164.	28.7	.451	4.3
%RSD	.06738	.27978	.45608	.61359	.08925

#1	4675.1	58626.	6275.0	73.884	4777.9
#2	4678.4	58335.	6273.7	73.627	4775.4
#3	4681.4	58351.	6324.0	73.007	4769.6

Sample Name: K2442-08 Acquired: 4/17/2019 21:58:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-20-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00091	.00313	.00139	-.00024	.05656	.04269	-.00004
Stddev	.00168	.00028	.00087	.00400	.00024	.00355	.00003	.00007
%RSD	97.608	31.051	27.922	286.67	97.477	6.2721	.05930	169.14

#1	-.00148	.00102	.00412	.00434	-.00039	.05947	.04266	-.00011
#2	-.00017	.00059	.00277	.00300	.00003	.05261	.04269	.00002
#3	-.00352	.00111	.00248	-.00316	-.00036	.05759	.04271	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	49.870	.00039	.00072	.00454	.04473	.05548	.54112
Stddev	.00007	.260	.00037	.00012	.00034	.00077	.00024	.02085
%RSD	508.48	.52194	94.902	16.250	7.4716	1.7321	.42684	3.8527

#1	.00005	50.072	.00002	.00070	.00485	.04384	.05521	.56092
#2	-.00010	49.576	.00075	.00084	.00458	.04511	.05566	.54306
#3	.00000	49.961	.00040	.00061	.00418	.04524	.05556	.51936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00129	253.24	-.00018	.01727	.76958	-.00006	-.00087
Stddev	.00067	.00021	.78	.00012	.00013	.01193	.00018	.01423
%RSD	93.386	16.007	.30970	64.919	.75534	1.5506	278.02	1641.7

#1	.00117	-.00114	253.62	-.00028	.01718	.76166	-.00026	-.01636
#2	-.00005	-.00153	252.34	-.00005	.01742	.76377	.00009	.00214
#3	.00104	-.00120	253.76	-.00021	.01721	.78331	-.00003	.01162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31818	.59433	-.00090	.00065	.00087	.0847	.27115	5.0280
Stddev	.00301	.00403	.00101	.00160	.00063	.0006	.00165	.0275
%RSD	.94706	.67760	112.88	247.40	72.736	.6834	.60947	.54743

#1	.31707	.59353	-.00046	.00017	.00114	.0853	.27275	4.9972
#2	.31588	.59076	-.00206	.00243	.00015	.0842	.26944	5.0364
#3	.32159	.59869	-.00018	-.00066	.00132	.0845	.27125	5.0503

Sample Name: K2442-08 Acquired: 4/17/2019 21:58:58 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-20-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1682
 Stddev 1.0283
 %RSD 14.345

#1 5.9938
 #2 7.6037
 #3 7.9071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4605.7	57688.	6235.6	74.530	4657.3
Stddev	8.5	272.	24.5	1.116	4.7
%RSD	.18477	.47201	.39320	1.4970	.10147

#1	4610.0	57406.	6210.5	73.930	4661.7
#2	4611.2	57711.	6259.4	73.842	4657.7
#3	4595.9	57949.	6236.9	75.817	4652.3

Sample Name: K2442-12 Acquired: 4/17/2019 22:03:33 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	-.00044	.00322	.00065	-.00007	.02291	.05480	-.00006
Stddev	.00193	.00122	.00032	.00252	.00065	.01137	.00022	.00008
%RSD	57.115	274.81	10.046	389.92	927.02	49.634	.39830	129.78

#1	-.00164	-.00169	.00299	.00334	.00056	.02543	.05505	-.00016
#2	-.00545	-.00038	.00308	.00027	-.00003	.01049	.05464	-.00002
#3	-.00305	.00075	.00359	-.00167	-.00074	.03281	.05471	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	31.512	.00020	.00119	.00854	.00900	.15708	.96278
Stddev	.00000	.123	.00018	.00016	.00045	.00078	.00099	.01250
%RSD	17.825	.38986	90.009	13.422	5.2268	8.6966	.63164	1.2983

#1	.00002	31.489	.00032	.00137	.00865	.00905	.15605	.97591
#2	.00001	31.402	.00027	.00113	.00892	.00820	.15718	.95102
#3	.00001	31.645	-.00001	.00107	.00805	.00977	.15803	.96141

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00105	281.26	-.00078	.01767	1.5967	-.00012	.01197
Stddev	.00016	.00074	1.17	.00035	.00005	.0083	.00005	.00331
%RSD	60.672	70.268	.41470	45.530	.27967	.52027	39.635	27.681

#1	.00011	-.00190	282.55	-.00119	.01765	1.6040	-.00007	.01258
#2	.00044	-.00065	280.29	-.00057	.01773	1.5877	-.00014	.01494
#3	.00025	-.00060	280.94	-.00057	.01763	1.5986	-.00017	.00840

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62460	.72109	-.00129	.00089	.00030	.0193	.23241	4.9780
Stddev	.00343	.00158	.00030	.00065	.00229	.0014	.00073	.1586
%RSD	.54927	.21876	23.427	72.912	756.32	7.504	.31335	3.1856

#1	.62801	.72222	-.00103	.00020	-.00149	.0207	.23308	5.0002
#2	.62466	.71929	-.00162	.00149	-.00048	.0192	.23164	5.1242
#3	.62114	.72177	-.00122	.00097	.00288	.0179	.23252	4.8094

Sample Name: K2442-12 Acquired: 4/17/2019 22:03:33 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.4711
 Stddev 1.5085
 %RSD 20.191

#1 6.1176
 #2 7.1983
 #3 9.0974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4603.0	57680.	6213.5	73.428	4644.8
Stddev	15.2	245.	35.4	1.112	15.1
%RSD	.33023	.42495	.56969	1.5149	.32531

#1	4586.2	57397.	6172.6	72.169	4629.6
#2	4607.2	57828.	6234.7	73.836	4645.0
#3	4615.7	57815.	6233.1	74.278	4659.8

Sample Name: K2442-16 Acquired: 4/17/2019 22:08:07 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-21-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	-.00061	.00127	-.00010	.00016	.28960	.07760	.00003
Stddev	.00221	.00061	.00055	.00369	.00062	.00550	.00035	.00002
%RSD	63.257	99.553	43.283	3792.7	384.43	1.8999	.45111	77.032

#1	-.00561	-.00125	.00188	-.00181	.00088	.28328	.07799	.00001
#2	-.00366	-.00003	.00108	-.00262	-.00025	.29229	.07747	.00006
#3	-.00120	-.00055	.00084	.00414	-.00014	.29325	.07732	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	6.9643	.00082	.00007	.00521	.29433	.11647	.84005
Stddev	.00002	.0096	.00021	.00008	.00048	.00128	.00110	.03016
%RSD	16.194	.13784	25.399	110.53	9.2217	.43483	.94054	3.5899

#1	-.00009	6.9681	.00094	.00011	.00494	.29538	.11763	.81848
#2	-.00009	6.9534	.00095	.00012	.00577	.29291	.11545	.82715
#3	-.00011	6.9714	.00058	-.00002	.00493	.29470	.11632	.87450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00143	276.68	.00013	.01453	1.3789	-.00017	.01021
Stddev	.00055	.00044	1.85	.00022	.00007	.0471	.00032	.01981
%RSD	72.044	30.876	.66694	168.85	.50093	3.4134	194.53	193.99

#1	.00061	-.00194	274.85	-.00009	.01456	1.3536	-.00054	.02731
#2	.00031	-.00117	276.65	.00014	.01458	1.4332	.00002	.01481
#3	.00138	-.00117	278.54	.00033	.01444	1.3498	.00002	-.01149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19052	.69199	-.00074	.01349	.00000	.0119	.03443	4.6146
Stddev	.00470	.00136	.00054	.00271	.00169	.0012	.00002	.1404
%RSD	2.4658	.19662	73.223	20.063	35762.	9.909	.05948	3.0417

#1	.18913	.69322	-.00126	.01565	-.00194	.0116	.03445	4.4582
#2	.19576	.69053	-.00079	.01045	.00112	.0132	.03443	4.7297
#3	.18668	.69222	-.00018	.01436	.00083	.0110	.03441	4.6559

Sample Name: K2442-16 Acquired: 4/17/2019 22:08:07 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-21-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0794
 Stddev .7305
 %RSD 8.0455

#1 8.4857
 #2 8.8574
 #3 9.8951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4618.5	57744.	6246.0	74.170	4682.3
Stddev	2.4	90.	22.2	.476	8.4
%RSD	.05110	.15591	.35523	.64130	.17880

#1	4616.2	57749.	6261.7	74.714	4674.7
#2	4618.5	57652.	6255.7	73.832	4681.1
#3	4620.9	57831.	6220.6	73.964	4691.3

Sample Name: K2435-02DLX10 Acquired: 4/17/2019 22:12:40 Type: Unk
Method: P4-ICP2(v3057) 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	.01184	.00347	.82239	.00549	.00702	9.7037	.09493	.00147
Stddev	.00137	.00059	.00221	.00148	.00085	.0341	.00029	.00009
%RSD	11.597	17.075	.26842	26.988	12.135	.35118	.30586	6.2362

#1	.01027	.00397	.82412	.00659	.00763	9.6981	.09463	.00143
#2	.01244	.00363	.82314	.00381	.00605	9.7402	.09520	.00141
#3	.01280	.00281	.81990	.00608	.00739	9.6728	.09497	.00158

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00814	18.002	.03030	.01244	5.2661	22.920	.49711	8.3422
Stddev	.00010	.017	.00039	.00018	.0120	.012	.00051	.0470
%RSD	1.2153	.09595	1.2822	1.4832	.22789	.05380	.10208	.56309

#1	.00811	18.022	.03048	.01223	5.2794	22.931	.49734	8.3056
#2	.00826	17.992	.02985	.01259	5.2627	22.923	.49747	8.3951
#3	.00807	17.992	.03057	.01250	5.2561	22.907	.49653	8.3258

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09845	-.00046	1.6046	.03034	4.8962	1.7148	.00059	.01585
Stddev	.00019	.00037	.0138	.00044	.0100	.0183	.00014	.00227
%RSD	.19069	80.267	.85674	1.4398	.20381	1.0647	22.987	14.294

#1	.09866	-.00048	1.6022	.03031	4.9065	1.7268	.00059	.01843
#2	.09829	-.00008	1.6194	.03080	4.8955	1.7239	.00046	.01416
#3	.09841	-.00082	1.5922	.02992	4.8866	1.6938	.00073	.01496

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43351	.25719	.17528	.30200	.01169	.5811	.02985	3.4387
Stddev	.00581	.00394	.00034	.00193	.00085	.0015	.00018	.2346
%RSD	1.3401	1.5337	.19635	.63840	7.3016	.2622	.58743	6.8222

#1	.43476	.25364	.17505	.30017	.01116	.5804	.02972	3.3573
#2	.43858	.25650	.17511	.30401	.01267	.5828	.02979	3.7031
#3	.42717	.26143	.17568	.30181	.01123	.5801	.03005	3.2556

Sample Name: K2435-02DLX10 Acquired: 4/17/2019 22:12:40 Type: Unk
 Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8388
Stddev	.9432
%RSD	33.227

#1	2.9533
#2	1.8435
#3	3.7195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4972.4	62287.	6440.7	77.406	5208.5
Stddev	8.3	183.	10.3	1.439	6.1
%RSD	.16717	.29400	.15968	1.8596	.11788

#1	4963.3	62314.	6449.8	77.611	5201.8
#2	4974.2	62092.	6429.5	75.875	5209.6
#3	4979.7	62456.	6442.6	78.732	5213.9

Sample Name: CCV11 Acquired: 4/17/2019 22:16:58 Type: Unk
Method: P4-ICP2(v3057) 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	5.1320	5.1557	5.0953	5.1423	5.1194	9.8456	10.033	.25766
Stddev	.0069	.0162	.0063	.0140	.0141	.1153	.046	.00078
%RSD	.13538	.31383	.12316	.27179	.27464	1.1706	.45957	.30144
#1	5.1391	5.1605	5.1022	5.1534	5.1310	9.7706	9.9986	.25854
#2	5.1318	5.1689	5.0900	5.1470	5.1235	9.7878	10.015	.25709
#3	5.1252	5.1377	5.0937	5.1266	5.1038	9.9783	10.085	.25734
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5045	25.301	1.0001	2.5439	1.2678	5.0738	2.6010	25.508
Stddev	.0006	.031	.0031	.0014	.0009	.0034	.0031	.321
%RSD	.02577	.12444	.30806	.05711	.06794	.06604	.11859	1.2586
#1	2.5052	25.274	.99752	2.5456	1.2687	5.0709	2.6042	25.225
#2	2.5040	25.336	.99937	2.5428	1.2677	5.0731	2.5981	25.443
#3	2.5042	25.294	1.0035	2.5435	1.2670	5.0775	2.6006	25.857
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5079	1.2658	24.521	2.4972	2.5494	24.755	5.2617	4.9621
Stddev	.0021	.0005	.146	.0062	.0010	.139	.0074	.0607
%RSD	.08326	.04129	.59600	.25005	.03780	.56016	.14007	1.2239
#1	2.5102	1.2652	24.410	2.4976	2.5492	24.602	5.2702	4.9173
#2	2.5071	1.2661	24.465	2.4908	2.5485	24.790	5.2579	4.9377
#3	2.5062	1.2660	24.686	2.5033	2.5504	24.873	5.2570	5.0312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1642	5.0292	5.0943	5.0989	4.7706	5.264	5.0388	4.5238
Stddev	.0391	.0397	.0040	.0092	.0230	.022	.0185	.1847
%RSD	.75780	.78987	.07929	.18135	.48125	.4263	.36800	4.0830
#1	5.1790	5.0318	5.0957	5.0884	4.7779	5.283	5.0488	4.4017
#2	5.1938	5.0676	5.0975	5.1056	4.7890	5.269	5.0502	4.7363
#3	5.1198	4.9883	5.0898	5.1027	4.7449	5.239	5.0174	4.4334

Sample Name: CCV11 Acquired: 4/17/2019 22:16:58 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9488
Stddev .7541
%RSD 19.096

#1 3.0960
#2 4.2231
#3 4.5273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4780.0	59161.	6282.6	74.532	4825.5
Stddev	9.1	139.	50.5	.663	5.2
%RSD	.19118	.23415	.80414	.88935	.10814

#1	4769.7	59230.	6264.3	73.827	4820.1
#2	4783.2	59252.	6243.7	74.626	4825.9
#3	4787.1	59002.	6339.7	75.143	4830.5

Sample Name: CCB11 Acquired: 4/17/2019 22:21:00 Type: Unk
Method: P4-ICP2(v3057) 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	.00000	.00085	-.00048	.00008	-.00011	-.01216	.00125	-.00001
Stddev	.00199	.00103	.00026	.00299	.00035	.00810	.00022	.00004
%RSD	64038.	121.22	54.429	3881.9	328.52	66.618	17.643	440.04
#1	-.00107	.00151	-.00078	-.00037	-.00041	-.00323	.00112	-.00004
#2	.00230	-.00034	-.00035	.00327	.00027	-.01904	.00112	.00004
#3	-.00123	.00137	-.00031	-.00266	-.00018	-.01422	.00150	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00456	.00012	-.00007	-.00004	.00030	.00008	-.05703
Stddev	.00006	.01858	.00012	.00011	.00016	.00090	.00000	.01600
%RSD	211.44	407.81	96.406	166.36	402.13	301.67	4.8686	28.057
#1	-.00000	.00942	.00009	-.00002	.00014	.00130	.00008	-.07078
#2	.00001	.02022	.00025	.00001	-.00008	-.00043	.00008	-.03947
#3	-.00009	-.01597	.00002	-.00019	-.00018	.00002	.00008	-.06083
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00088	.18333	-.00075	-.00052	-.02762	.00037	-.00494
Stddev	.00034	.00017	.01439	.00015	.00006	.03722	.00019	.01065
%RSD	119.20	19.303	7.8482	19.730	10.787	134.74	50.871	215.70
#1	.00013	-.00080	.17252	-.00072	-.00046	-.06207	.00054	-.00083
#2	.00067	-.00077	.17781	-.00091	-.00057	-.03266	.00039	-.01703
#3	.00005	-.00108	.19966	-.00062	-.00053	.01186	.00017	.00304
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00254	-.00066	-.00079	-.00599	-.0012	-.00003	F 3.1503
Stddev	.00274	.00064	.00060	.00028	.00102	.0010	.00003	.0498
%RSD	287.30	25.379	90.689	35.825	17.001	77.87	109.48	1.5818
#1	-.00291	-.00261	-.00022	-.00111	-.00652	-.0022	-.00000	3.0928
#2	.00218	-.00314	-.00134	-.00058	-.00482	-.0013	-.00006	3.1786
#3	-.00212	-.00186	-.00042	-.00067	-.00664	-.0003	-.00002	3.1796

Sample Name: CCB11 Acquired: 4/17/2019 22:21:00 Type: Unk
Method: P4-ICP2(v3057) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9823
Stddev 1.4294
%RSD 47.930

#1 2.1110
#2 4.6320
#3 2.2040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4989.8	61334.	6314.5	76.561	5478.6
Stddev	19.1	270.	26.5	1.749	9.7
%RSD	.38229	.44075	.41943	2.2844	.17687

#1	4967.8	61038.	6285.7	74.998	5467.5
#2	4999.9	61568.	6337.7	78.450	5482.9
#3	5001.6	61395.	6320.2	76.236	5485.4