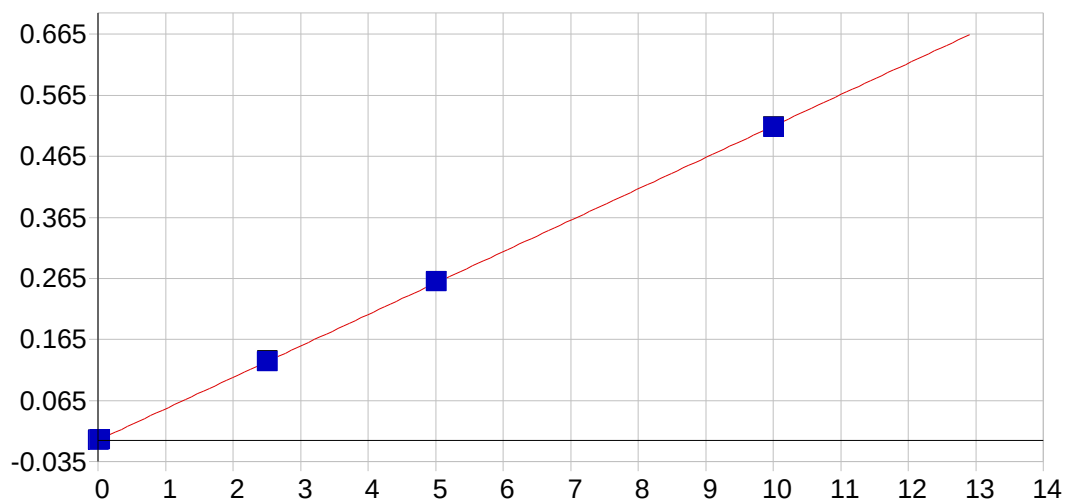




As 189.042 {478}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000050

Re-Slope: 1.000000

A1 (Gain): 0.051460

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

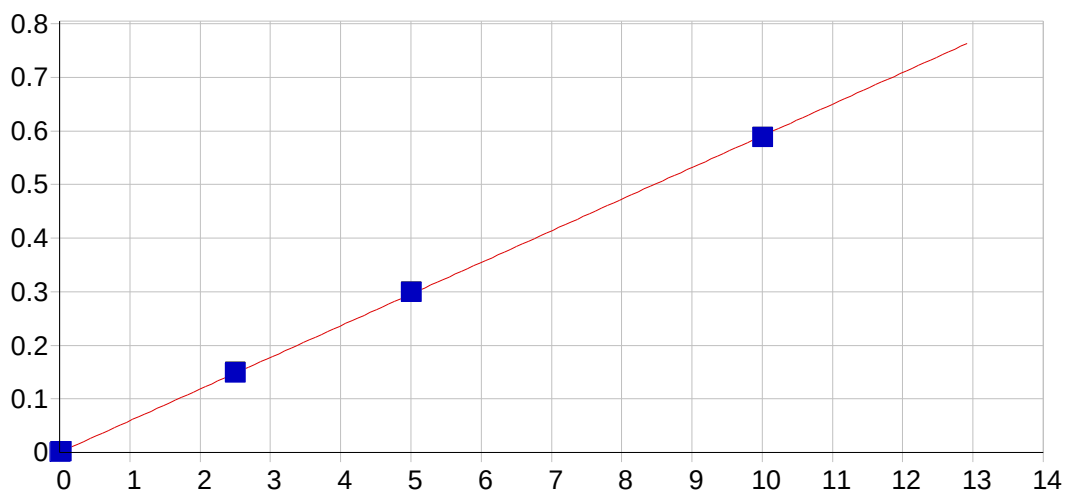
Status: OK.

Std Error of Est: 0.000007

Predicted MDL: 0.002614

Predicted MQL: 0.008713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02134	.001	6.70	.00105	.000	1
S3	2.5000	2.5035	.003	.139	.12877	.000	1
S4	5.0000	5.0405	.040	.809	.25932	.000	1
S5	10.000	9.9547	-.045	-.453	.51219	.002	1



As 189.042 {479}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

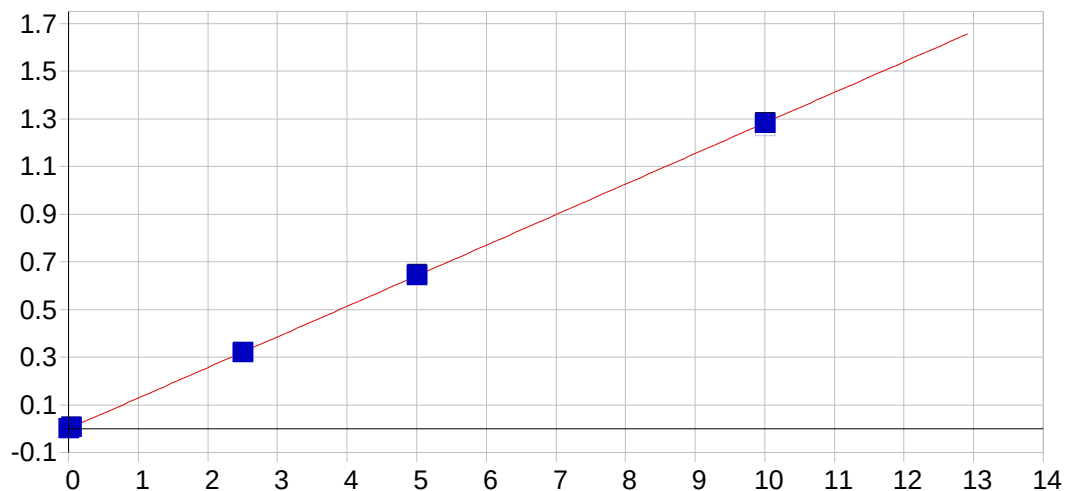
Weighting: 1/Conc

A0 (Offset): 0.000121

Re-Slope: 1.000000

A1 (Gain): 0.059074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001885
 Predicted MQL: 0.006282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.02000	.02044	.000	2.20	.00133	.000	1
S3	2.5000	2.5141	.014	.564	.14864	.000	1
S4	5.0000	5.0494	.049	.989	.29841	.000	1
S5	10.000	9.9360	-.064	-.640	.58709	.001	1

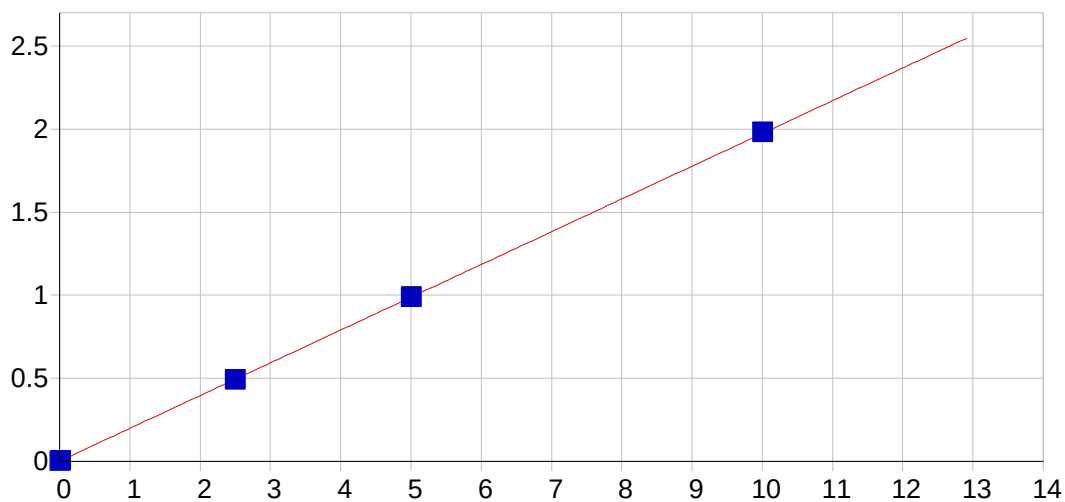


TI 190.856 {477}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.128245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000969
 Predicted MQL: 0.003228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04157	.002	3.92	.00517	.000	1
S3	2.5000	2.4927	-.007	-.293	.31636	.000	1
S4	5.0000	5.0226	.023	.453	.63752	.002	1
S5	10.000	9.9831	-.017	-.169	1.2671	.001	1

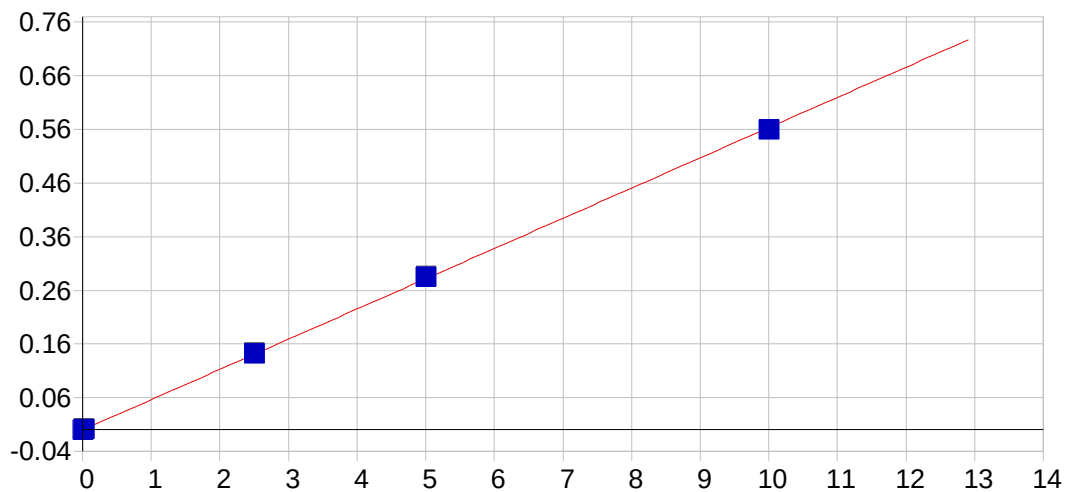


Pb 220.353 {453}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001769 Re-Slope: 1.000000
 A1 (Gain): 0.197150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.000906
 Predicted MQL: 0.003018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00177	.000	1
S1	.01200	.01193	-.000	-.594	.00407	.000	1
S3	2.5000	2.4716	-.028	-1.14	.48832	.001	1
S4	5.0000	4.9985	-.001	-.029	.98580	.002	1
S5	10.000	10.030	.030	.299	1.9763	.001	1



Se 196.090 {472}

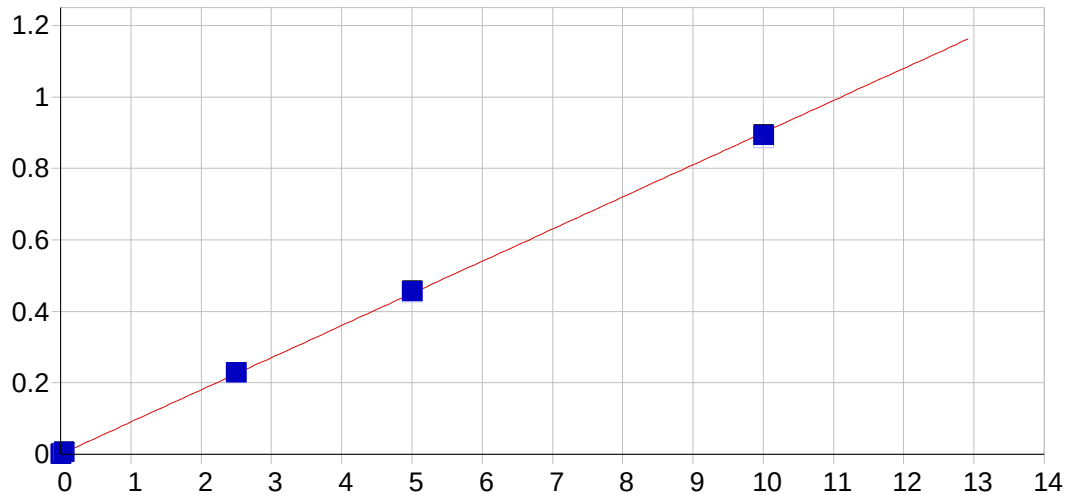
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.056336 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000012
 Predicted MDL: 0.002522
 Predicted MQL: 0.008405

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02100	.001	5.02	.00112	.000	1
S3	2.5000	2.5177	.018	.709	.14174	.000	1
S4	5.0000	5.0585	.058	1.17	.28485	.001	1
S5	10.000	9.9228	-.077	-.772	.55882	.000	1



Sb 206.833 {463}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

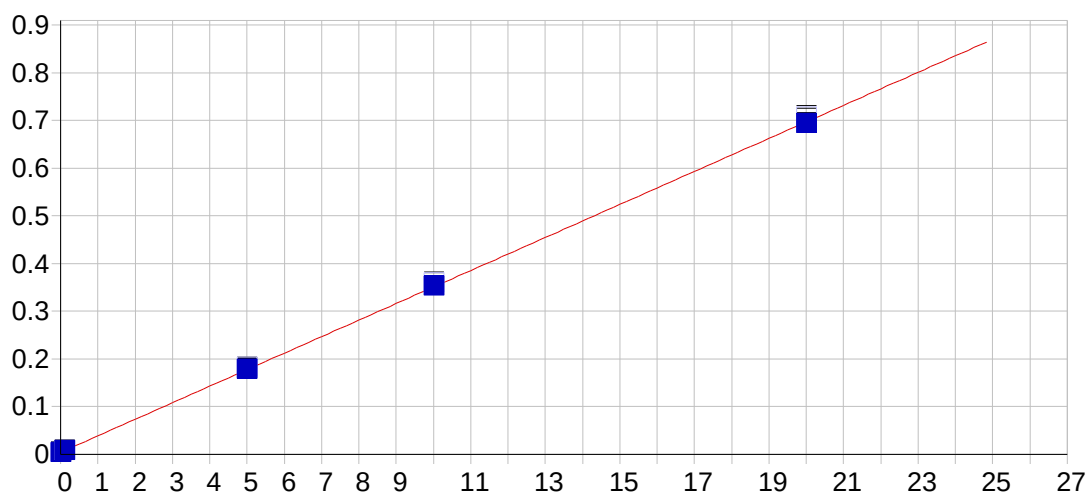
Weighting: 1/Conc

A0 (Offset): 0.000549
 A1 (Gain): 0.089947
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000033
 Predicted MDL: 0.001697
 Predicted MQL: 0.005658

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	.00055	.000	1
S1	.05000	.05183	.002	3.66	.00510	.000	1
S3	2.5000	2.5224	.022	.896	.22490	.001	1
S4	5.0000	5.0583	.058	1.17	.45047	.001	1
S5	10.000	9.9175	-.082	-.825	.88248	.001	1

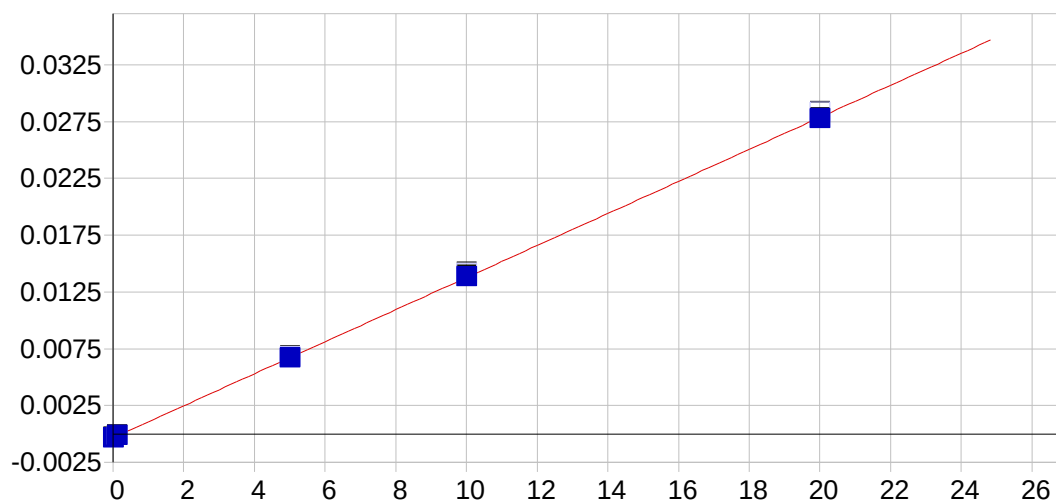


AI 308.215 {109}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004332 Re-Slope: 1.000000
 A1 (Gain): 0.034653 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002115
 Predicted MQL: 0.007050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00433	.000	1
S1	.10000	.11143	.011	11.4	.00843	.000	1
S3	5.0000	5.0382	.038	.765	.18237	.001	1
S4	10.000	10.063	.063	.632	.35995	.000	1
S5	20.000	19.887	-.113	-.567	.70726	.002	1



AI 309.271 {109}

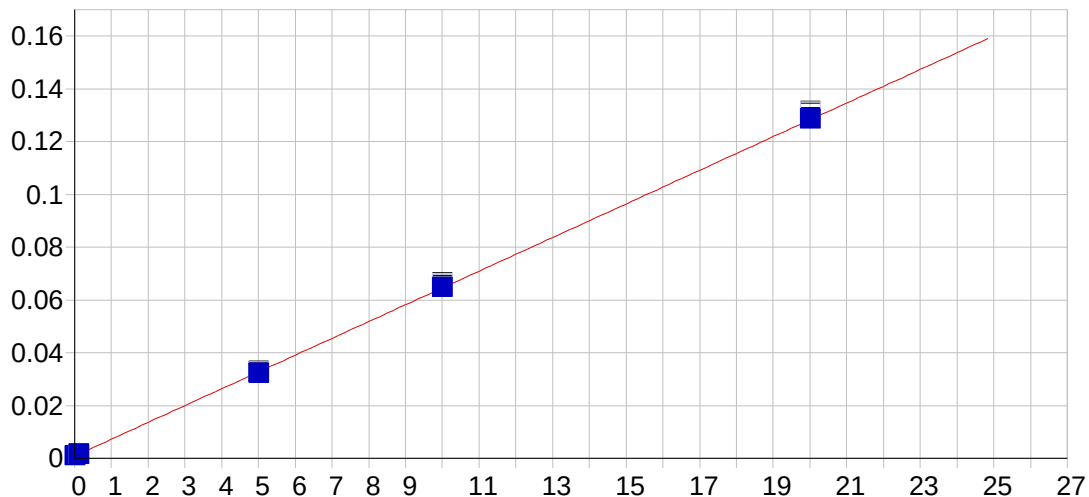
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000346 Re-Slope: 1.000000
 A1 (Gain): 0.001411 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999775
 Std Error of Est: 0.000002
 Predicted MDL: 0.032039
 Predicted MQL: 0.106795

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00035	.000	1
S1	.10000	.13977	.040	39.8	-.00014	.000	1
S3	5.0000	4.9743	-.026	-.514	.00681	.000	1
S4	10.000	10.048	.048	.485	.01411	.000	1
S5	20.000	19.936	-.064	-.322	.02834	.000	1



AI 396.152 { 85}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

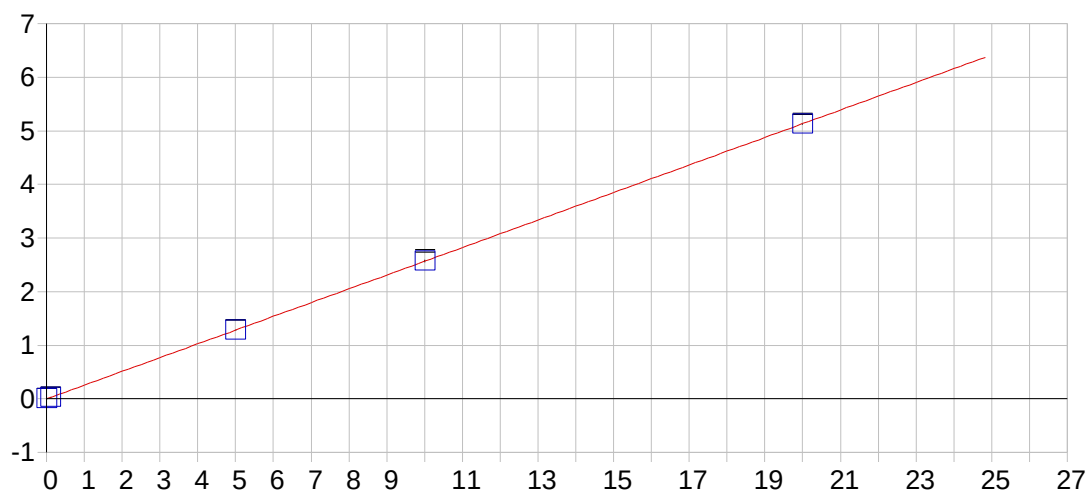
Weighting: 1/Conc

A0 (Offset): 0.000877
 A1 (Gain): 0.006368
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000003
 Predicted MDL: 0.012643
 Predicted MQL: 0.042142

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	.00088	.000	1
S1	.10000	.10282	.003	2.82	.00158	.000	1
S3	5.0000	4.9205	-.079	-1.59	.03284	.000	1
S4	10.000	10.028	.028	.280	.06600	.000	1
S5	20.000	20.049	.049	.243	.13108	.000	1

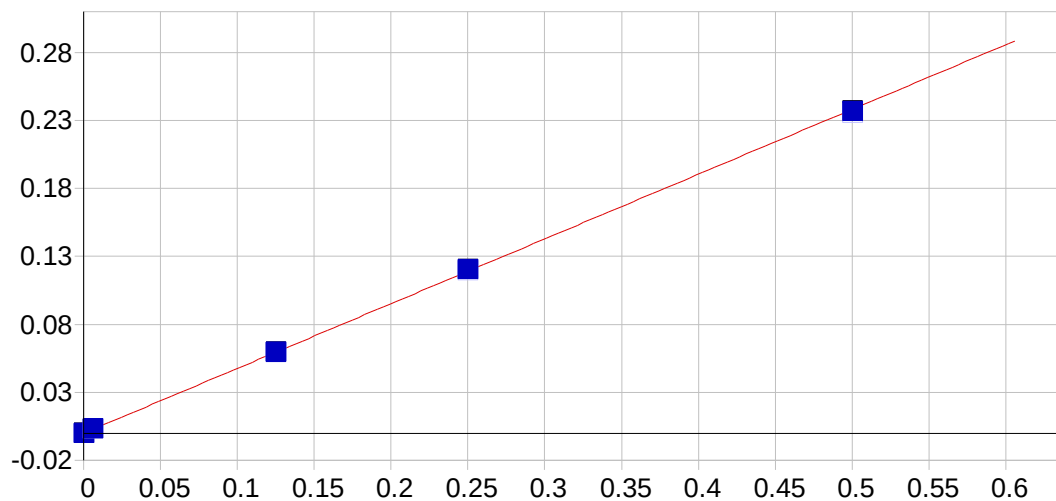


Ba 493.409 { 68}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002018 Re-Slope: 1.000000
 A1 (Gain): 0.256696 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.000616
 Predicted MQL: 0.002054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00202	.000	1
S1	.10000	.10482	.005	4.82	.02489	.000	1
S3	5.0000	5.0014	.001	.029	1.2818	.003	1
S5	20.000	19.975	-.025	-.123	5.1256	.012	1
S4	10.000	10.018	.018	.183	2.5696	.026	1



Be 234.861 {144}

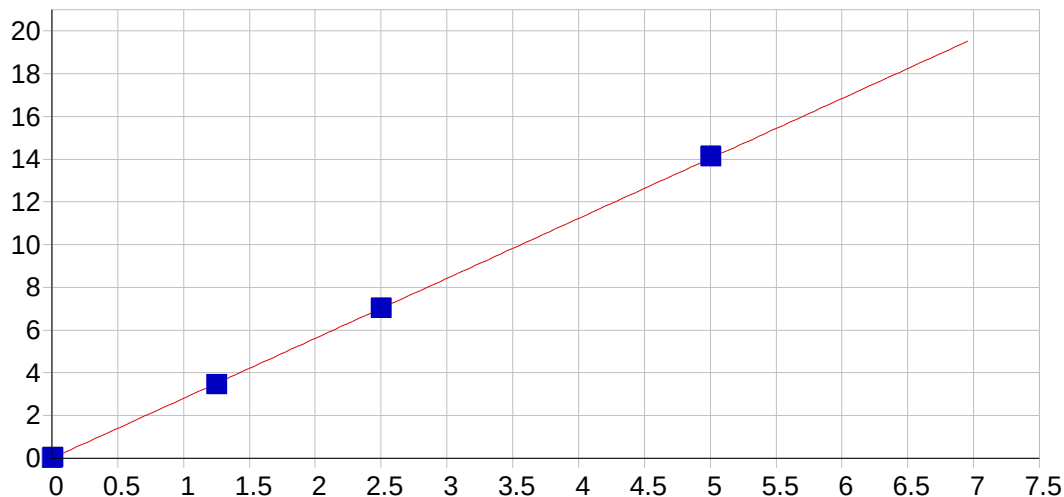
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.476328 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000014
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00600	.00651	.001	8.47	.00300	.000	1
S3	.12500	.12493	-.000	-.058	.05906	.000	1
S4	.25000	.25268	.003	1.07	.11954	.000	1
S5	.50000	.49689	-.003	-.623	.23511	.000	1



Cd 226.502 {449}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

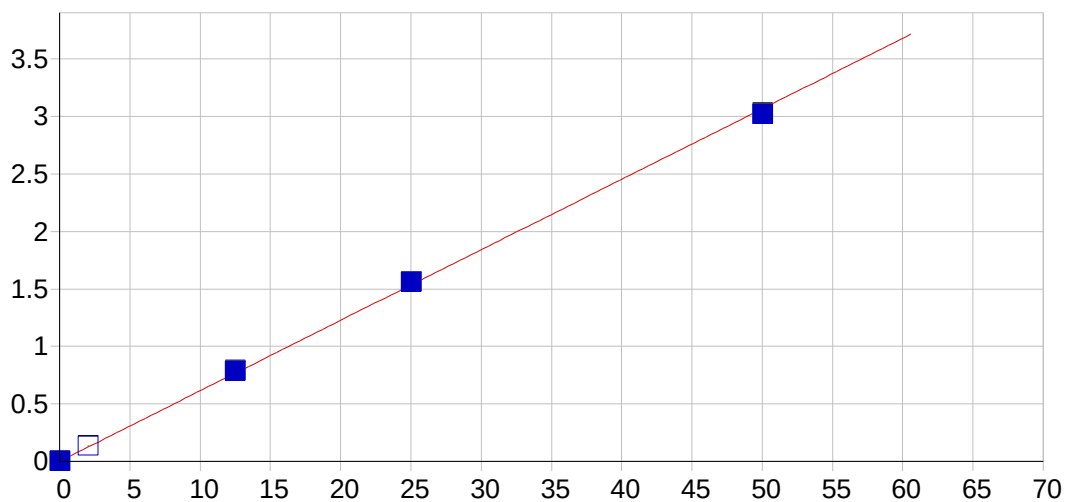
Weighting: 1/Conc

A0 (Offset): 0.000847
 A1 (Gain): 2.806869
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000248
 Predicted MDL: 0.000072
 Predicted MQL: 0.000239

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	.00085	.000	1
S1	.00600	.00593	-.000	-1.09	.01754	.000	1
S3	1.2500	1.2227	-.027	-2.18	3.4337	.004	1
S4	2.5000	2.4973	-.003	-.109	7.0120	.008	1
S5	5.0000	5.0301	.030	.602	14.123	.003	1

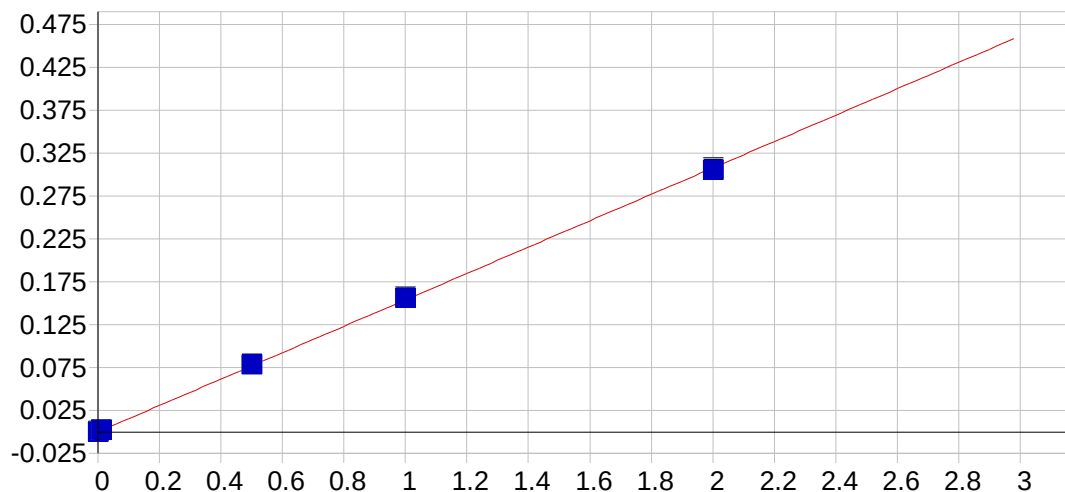


Ca 373.690 { 90}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000788 Re-Slope: 1.000000
 A1 (Gain): 0.061321 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761 Status: OK.
 Std Error of Est: 0.000733
 Predicted MDL: 0.015504
 Predicted MQL: 0.051680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1850	.185	9.25	.13477	.000	1
S0	.00000	-.00023	-.000	.000	.00077	.001	1
S3	12.500	12.784	.284	2.28	.78515	.003	1
S4	25.000	25.365	.365	1.46	1.5570	.002	1
S5	50.000	49.165	-.835	-1.67	3.0173	.012	1



Cr 267.716 {126}

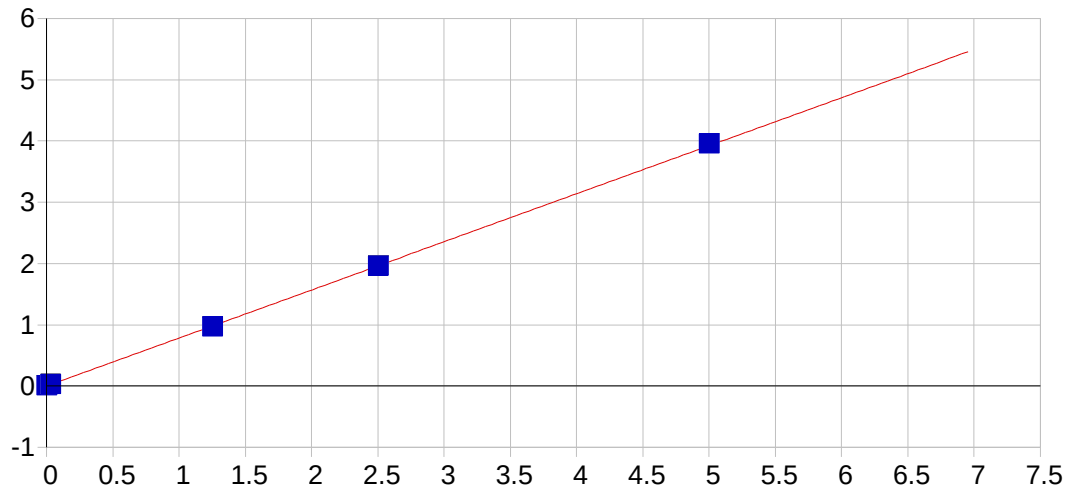
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.153892 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000015
 Predicted MDL: 0.000391
 Predicted MQL: 0.001304

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01061	.001	6.09	.00164	.000	1
S3	.50000	.50684	.007	1.37	.07860	.000	1
S4	1.0000	1.0136	.014	1.36	.15719	.000	1
S5	2.0000	1.9790	-.021	-1.05	.30697	.001	1



Co 228.616 {447}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

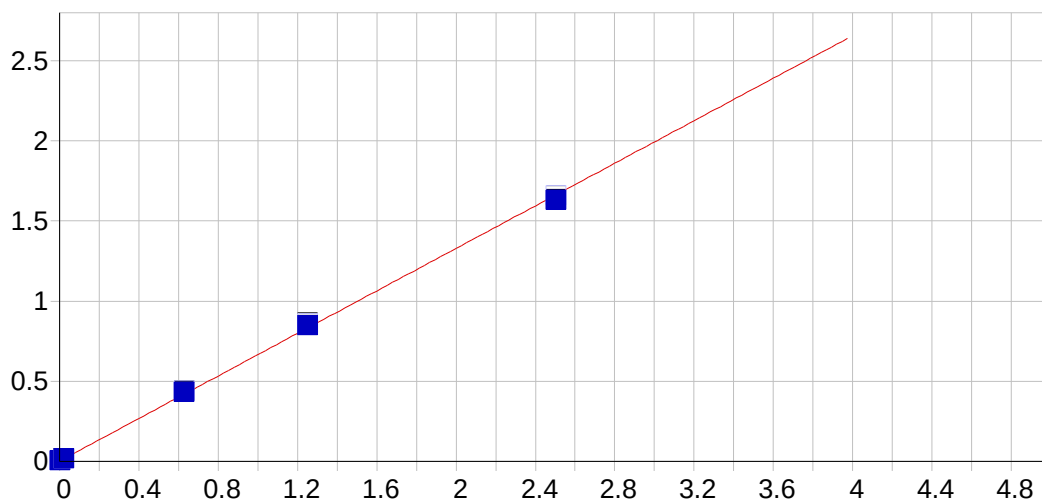
Weighting: 1/Conc

A0 (Offset): -0.000413
 A1 (Gain): 0.784858
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000156
 Predicted MDL: 0.000218
 Predicted MQL: 0.000725

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	-.00041	.000	1
S1	.03000	.02920	-.001	-2.66	.02235	.000	1
S3	1.2500	1.2246	-.025	-2.03	.96150	.000	1
S4	2.5000	2.4922	-.008	-.311	1.9572	.003	1
S5	5.0000	5.0340	.034	.679	3.9536	.000	1

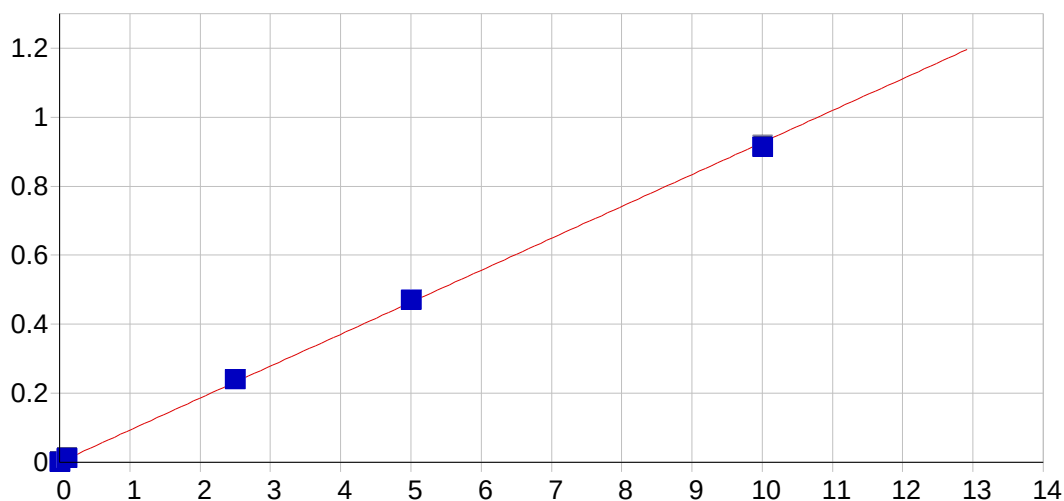


Cu 224.700 {450}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002317 Re-Slope: 1.000000
 A1 (Gain): 0.663624 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.000180
 Predicted MDL: 0.000369
 Predicted MQL: 0.001229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00231	.000	1
S1	.02000	.02218	.002	10.9	.01724	.000	1
S3	.62500	.64612	.021	3.38	.43780	.001	1
S4	1.2500	1.2726	.023	1.81	.86026	.002	1
S5	2.5000	2.4541	-.046	-1.84	1.6577	.002	1



Fe 240.488 {140}

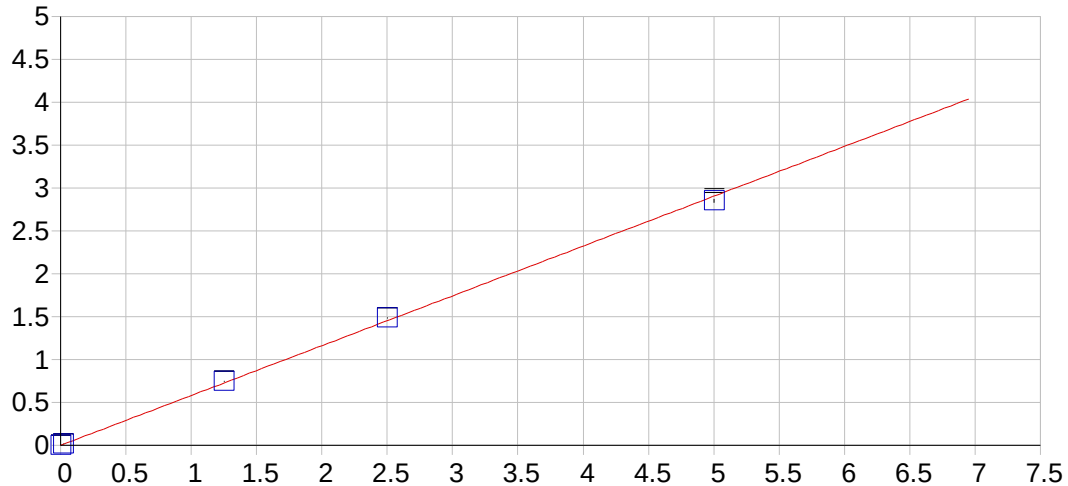
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000861 Re-Slope: 1.000000
 A1 (Gain): 0.092572 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835
 Std Error of Est: 0.000091
 Predicted MDL: 0.000569
 Predicted MQL: 0.001897

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00086	.000	1
S1	.10000	.10894	.009	8.94	.01099	.000	1
S3	2.5000	2.5715	.071	2.86	.23977	.000	1
S4	5.0000	5.0658	.066	1.32	.47154	.000	1
S5	10.000	9.8538	-.146	-1.46	.91650	.002	1



Mn 257.610 {131}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

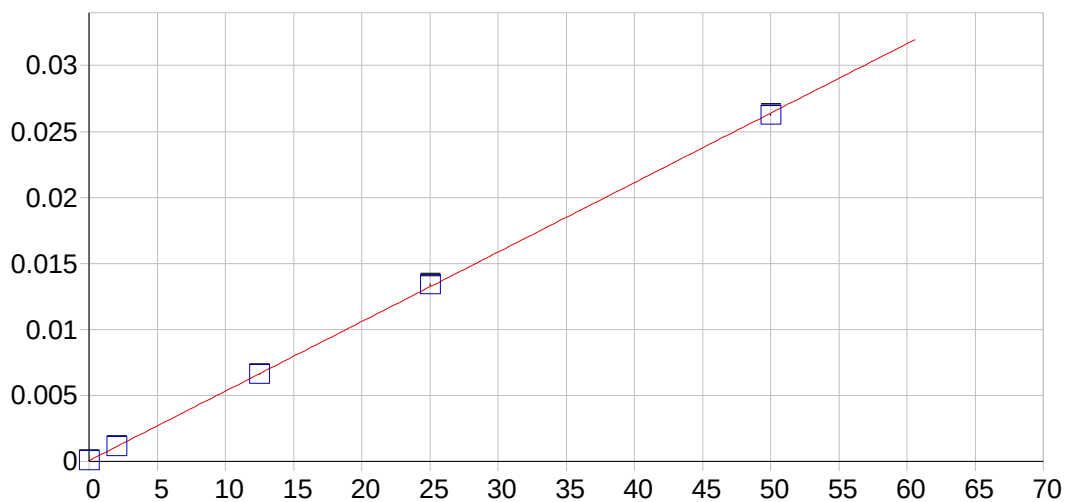
Weighting: 1/Conc

A0 (Offset): 0.000069
 A1 (Gain): 0.580831
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760
 Std Error of Est: 0.000217
 Predicted MDL: 0.000077
 Predicted MQL: 0.000255

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	.02244	.002	12.2	.01310	.000	1
S3	1.2500	1.2843	.034	2.75	.74606	.001	1
S4	2.5000	2.5558	.056	2.23	1.4846	.001	1
S5	5.0000	4.9074	-.093	-1.85	2.8504	.022	1

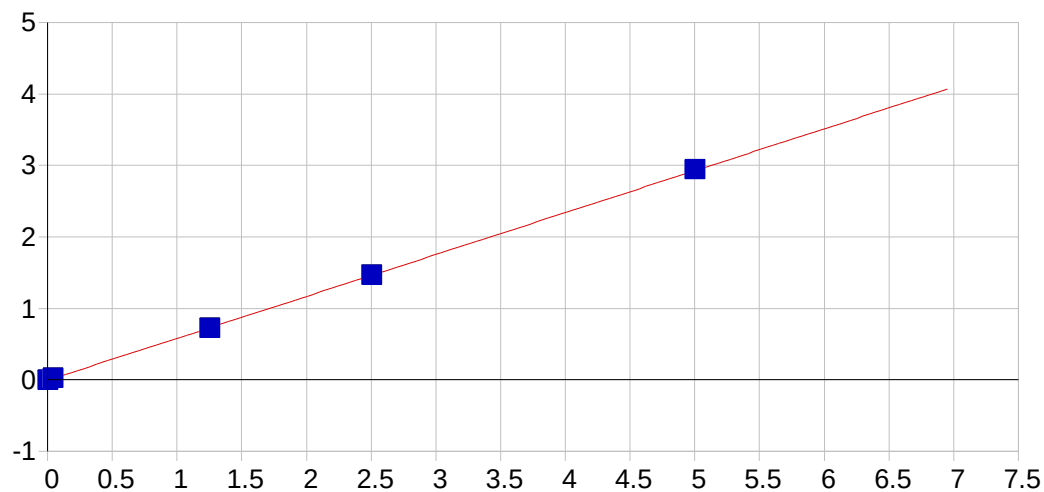


Mg 279.079 {121}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.000527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.042782
 Predicted MQL: 0.142605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0494	.049	2.47	.00114	.000	1
S0	.00000	-.00005	-.000	.000	.00006	.000	1
S3	12.500	12.408	-.092	-.734	.00659	.000	1
S4	25.000	25.287	.287	1.15	.01338	.000	1
S5	50.000	49.755	-.245	-.490	.02626	.000	1



Ni 231.604 {445}

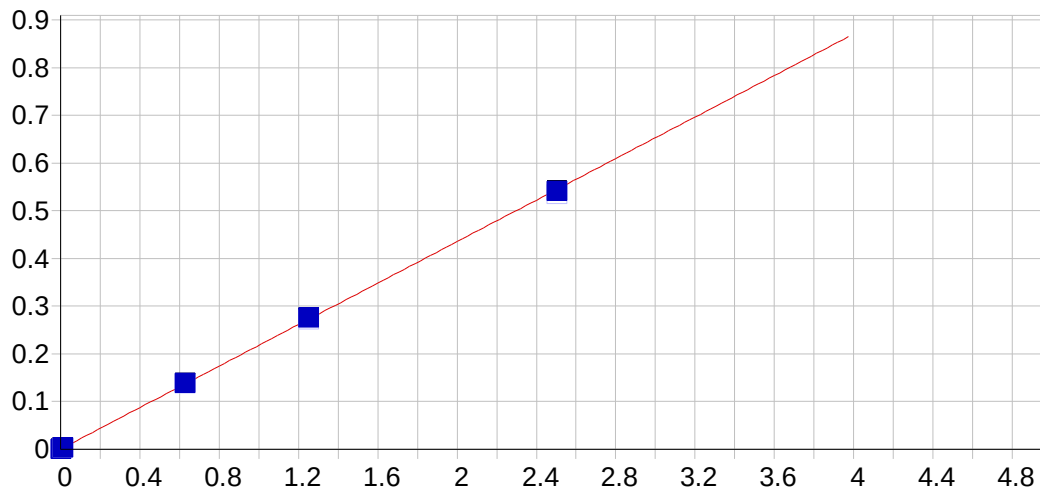
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005373 Re-Slope: 1.000000
 A1 (Gain): 0.586299 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000087
 Predicted MDL: 0.000349
 Predicted MQL: 0.001165

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00537	.000	1
S1	.04000	.04007	.000	.185	.01814	.000	1
S3	1.2500	1.2324	-.018	-1.41	.71798	.001	1
S4	2.5000	2.4979	-.002	-.084	1.4607	.000	1
S5	5.0000	5.0196	.020	.393	2.9408	.002	1



Ag 328.068 {103}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

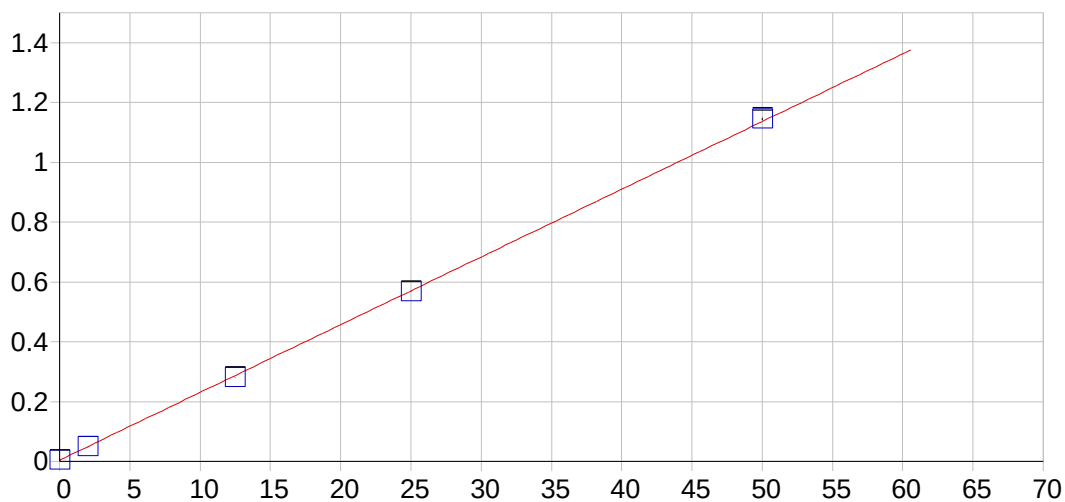
Weighting: 1/Conc

A0 (Offset): 0.000443
 A1 (Gain): 0.217619
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000014
 Predicted MDL: 0.000460
 Predicted MQL: 0.001532

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.01000	.01028	.000	2.78	.00264	.000	1
S3	.62500	.63119	.006	.991	.13626	.000	1
S4	1.2500	1.2600	.010	.803	.27156	.001	1
S5	2.5000	2.4835	-.017	-.660	.53473	.001	1

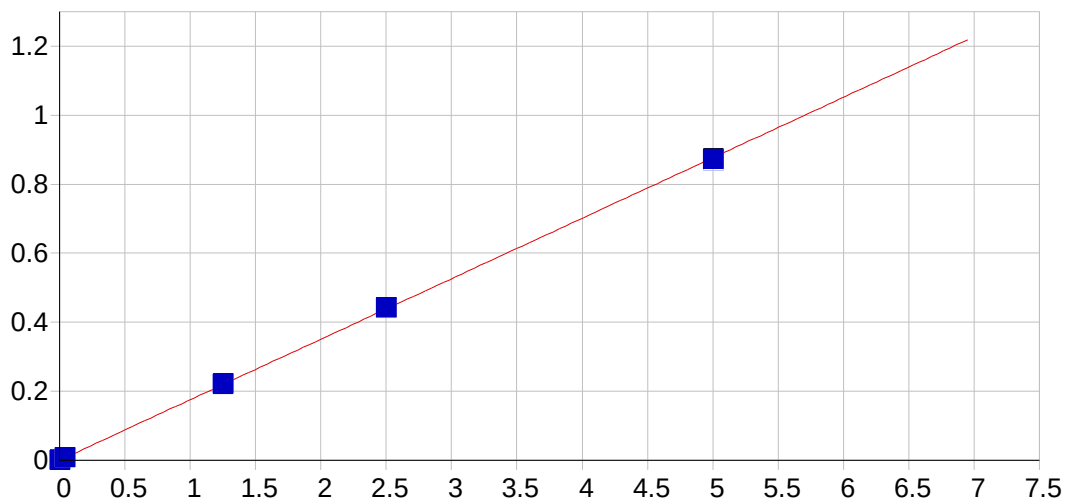


Na 589.592 { 57}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004236 Re-Slope: 1.000000
 A1 (Gain): 0.022643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.009024
 Predicted MQL: 0.030081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9846	-.015	-.772	.04917	.000	1
S0	.00000	.00005	.000	.000	.00424	.000	1
S3	12.500	12.222	-.278	-2.23	.28097	.001	1
S4	25.000	24.892	-.108	-.432	.56786	.000	1
S5	50.000	50.402	.402	.804	1.1455	.005	1



V 292.402 {115}

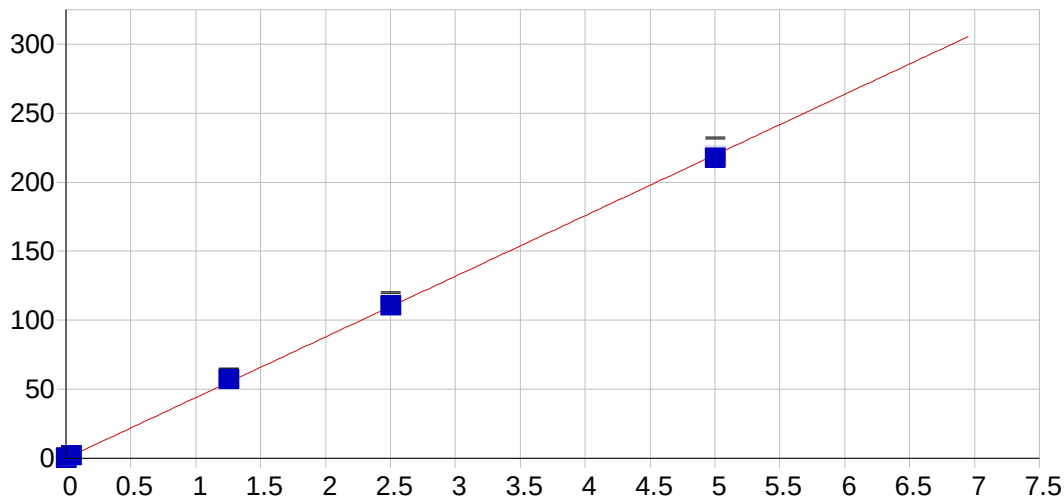
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000370 Re-Slope: 1.000000
 A1 (Gain): 0.175262 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000026
 Predicted MDL: 0.000387
 Predicted MQL: 0.001289

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.04000	.04161	.002	4.03	.00755	.000	1
S3	1.2500	1.2557	.006	.455	.21901	.000	1
S4	2.5000	2.5171	.017	.683	.43865	.000	1
S5	5.0000	4.9756	-.024	-.487	.86668	.002	1



Zn 206.200 {163}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

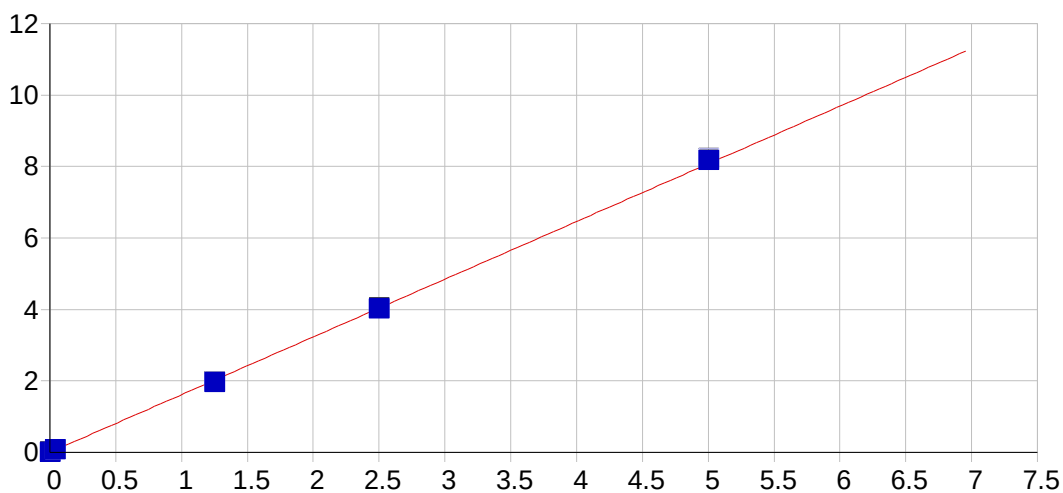
Weighting: 1/Conc

A0 (Offset): 0.053048
 A1 (Gain): 43.939686
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869
 Std Error of Est: 0.017334
 Predicted MDL: 0.000423
 Predicted MQL: 0.001410

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	.05288	.017	1
S1	.04000	.04286	.003	7.15	1.9478	.072	1
S3	1.2500	1.2940	.044	3.52	57.243	.631	1
S4	2.5000	2.5064	.006	.257	110.85	2.08	1
S5	5.0000	4.9467	-.053	-1.07	218.74	6.46	1

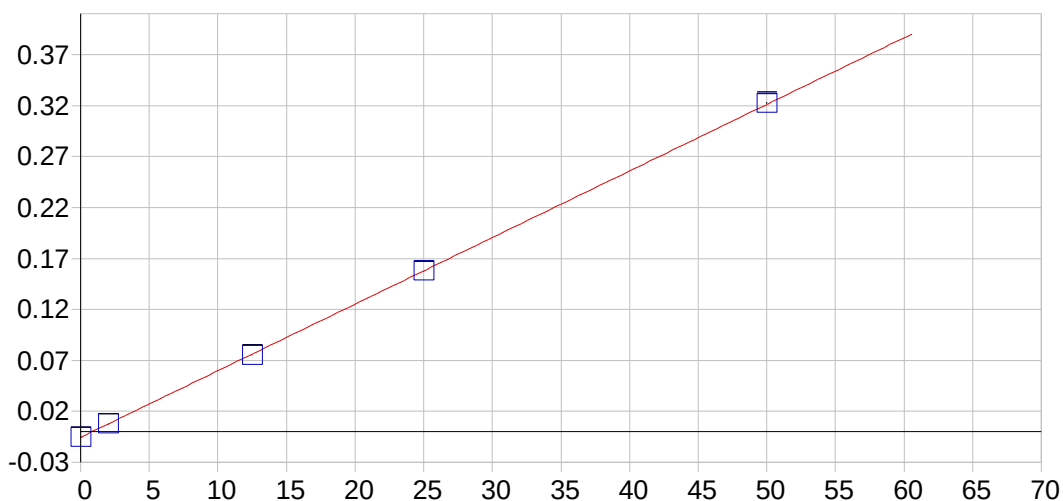


Zn 213.856 {458}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001605 Re-Slope: 1.000000
 A1 (Gain): 1.614574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000625
 Predicted MDL: 0.000090
 Predicted MQL: 0.000299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00161	.000	1
S1	.04000	.03887	-.001	-2.82	.06482	.001	1
S3	1.2500	1.2083	-.042	-3.34	1.9653	.001	1
S4	2.5000	2.4832	-.017	-.673	4.0366	.003	1
S5	5.0000	5.0597	.060	1.19	8.2224	.000	1



K 766.490 {44}

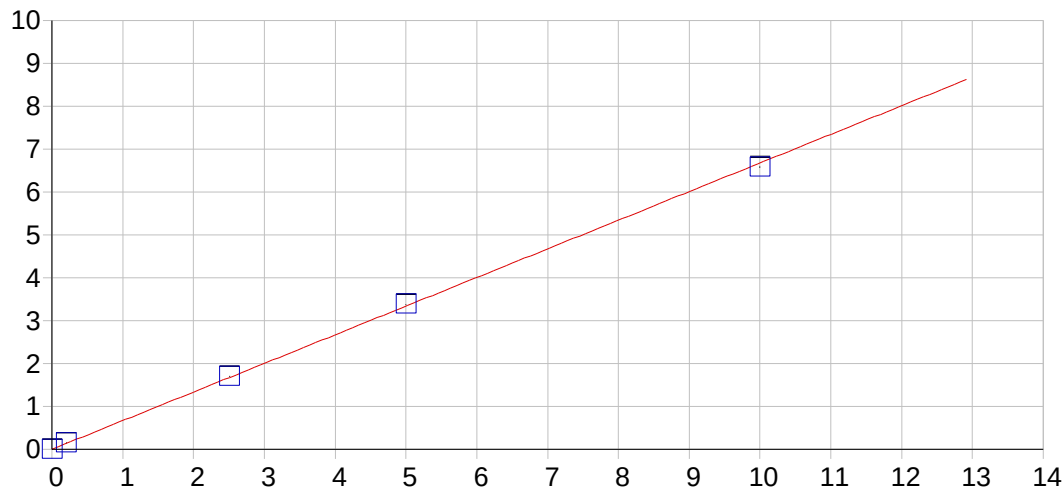
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005467 Re-Slope: 1.000000
 A1 (Gain): 0.006536 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000024
 Predicted MDL: 0.035237
 Predicted MQL: 0.117457

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0303	.030	1.51	.00780	.000	1
S0	.00000	-.00001	-.000	.000	-.00547	.000	1
S3	12.500	12.320	-.180	-1.44	.07505	.000	1
S4	25.000	24.953	-.047	-.187	.15763	.000	1
S5	50.000	50.197	.197	.394	.32262	.001	1



Mo 202.030 {467}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

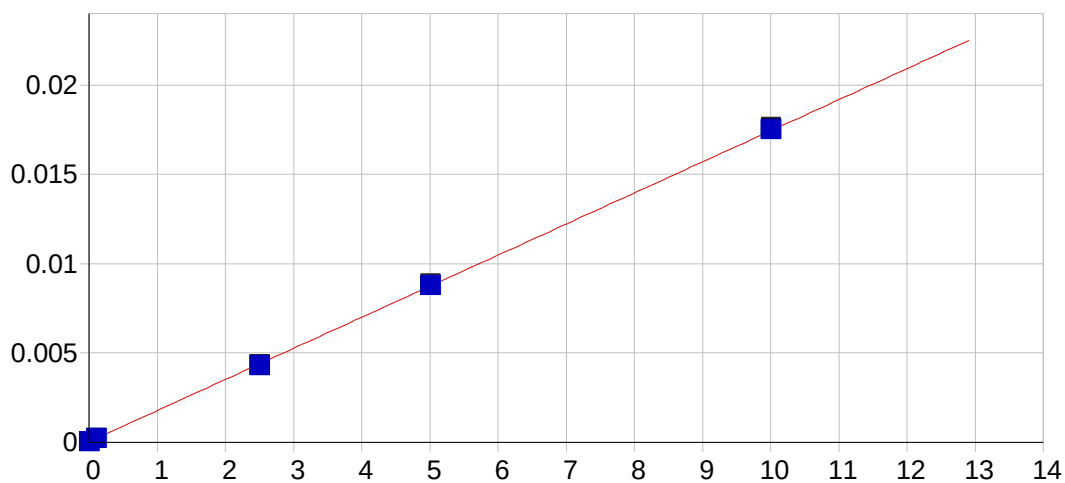
Weighting: 1/Conc

A0 (Offset): 0.000294
 A1 (Gain): 0.667728
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.000875
 Predicted MDL: 0.000234
 Predicted MQL: 0.000781

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	-.00002	-.000	.000	.00028	.000	1
S1	.20000	.21659	.017	8.30	.14492	.000	1
S3	2.5000	2.5521	.052	2.09	1.7044	.001	1
S4	5.0000	5.0662	.066	1.32	3.3831	.008	1
S5	10.000	9.8651	-.135	-1.35	6.5875	.015	1

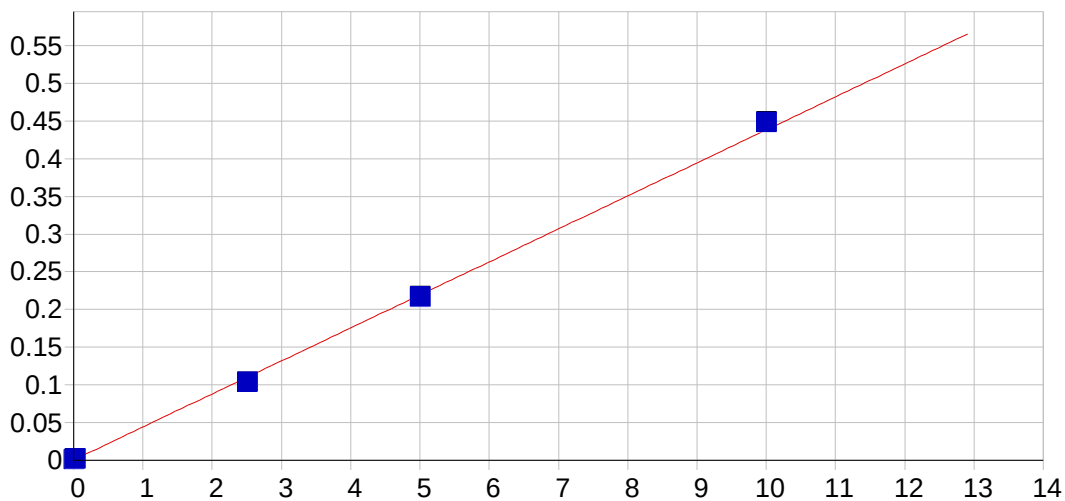


B 249.678 {135}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.001740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.011035
 Predicted MQL: 0.036783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00004	.000	1
S1	.10000	.09448	-.006	-5.52	.00021	.000	1
S3	2.5000	2.4410	-.059	-2.36	.00428	.000	1
S4	5.0000	5.0273	.027	.545	.00877	.000	1
S5	10.000	10.037	.037	.372	.01746	.000	1



S 182.034 {485}

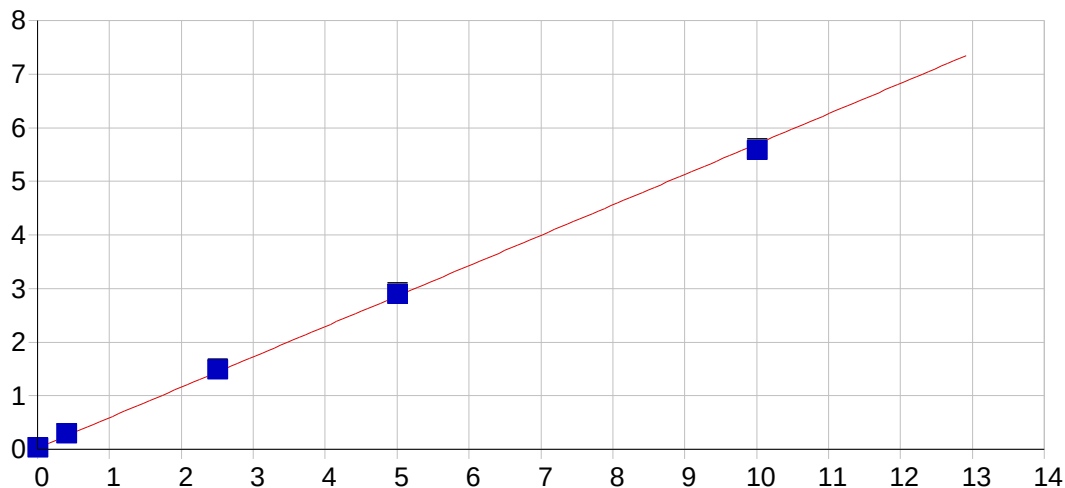
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000522 Re-Slope: 1.000000
 A1 (Gain): 0.043767 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999573
 Std Error of Est: 0.000031
 Predicted MDL: 0.002297
 Predicted MQL: 0.007655

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.02000	.01918	-.001	-4.10	.00133	.000	1
S3	2.5000	2.3521	-.148	-5.91	.10334	.000	1
S4	5.0000	4.9244	-.076	-1.51	.21580	.001	1
S5	10.000	10.224	.224	2.24	.44751	.001	1



Si 288.158 {117}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

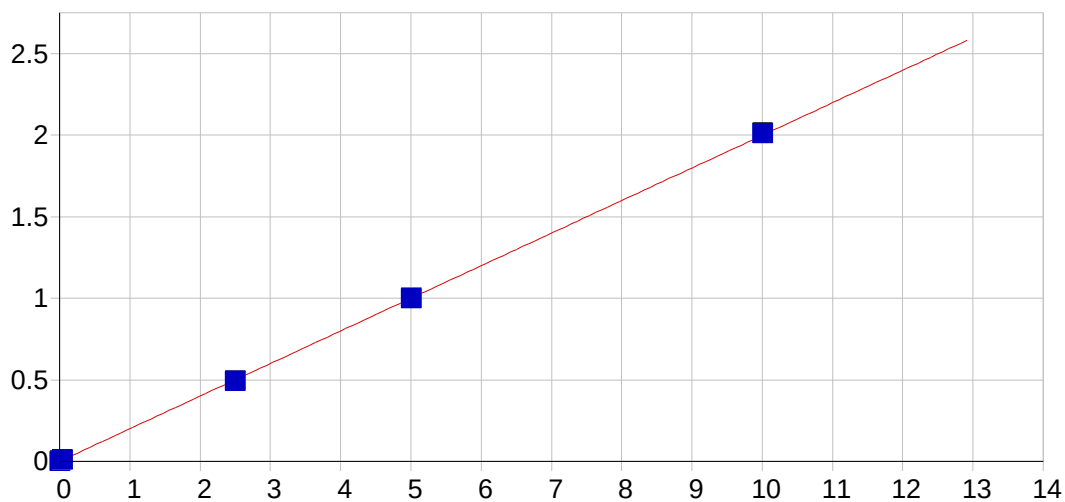
Weighting: 1/Conc

A0 (Offset): 0.024601
 A1 (Gain): 0.566799
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999482
 Std Error of Est: 0.001991
 Predicted MDL: 0.002063
 Predicted MQL: 0.006876

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	-.00008	-.000	.000	.02456	.001	1
S1	.40000	.46819	.068	17.0	.28978	.002	1
S3	2.5000	2.5722	.072	2.89	1.4818	.012	1
S4	5.0000	5.0612	.061	1.22	2.8918	.017	1
S5	10.000	9.7984	-.202	-2.02	5.5753	.022	1

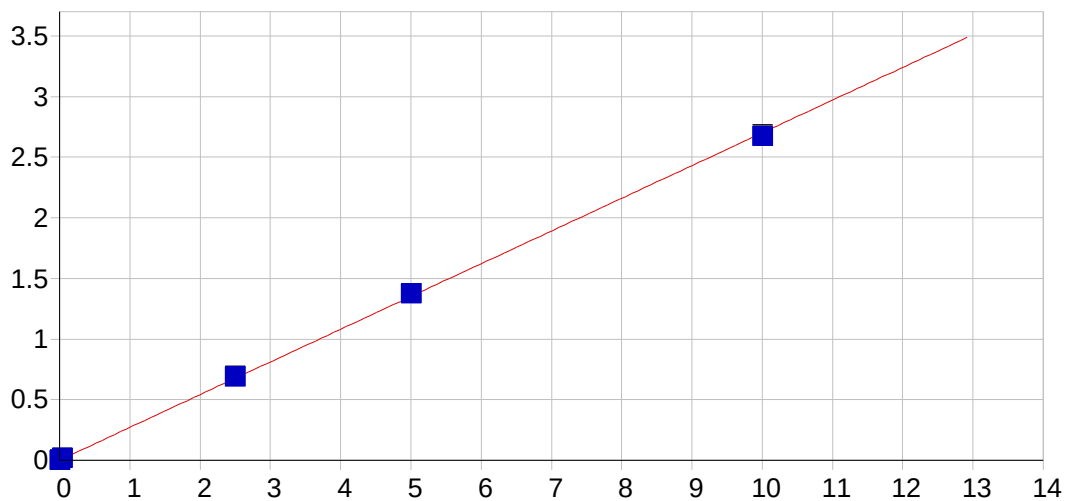


Sn 189.989 {477}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000729 Re-Slope: 1.000000
 A1 (Gain): 0.199768 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000530
 Predicted MQL: 0.001766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00073	.000	1
S1	.04000	.03832	-.002	-4.21	.00838	.000	1
S3	2.5000	2.4532	-.047	-1.87	.49089	.001	1
S4	5.0000	4.9934	-.007	-.133	.99842	.001	1
S5	10.000	10.055	.055	.551	2.0098	.001	1



Ti 336.121 {100}

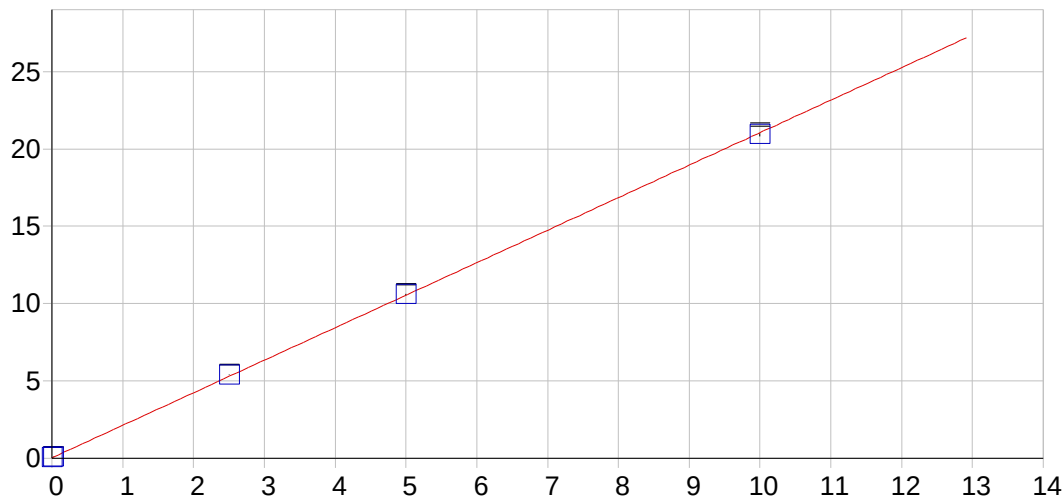
Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001781 Re-Slope: 1.000000
 A1 (Gain): 0.269882 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000127
 Predicted MDL: 0.002222
 Predicted MQL: 0.007405

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00178	.000	1
S1	.04000	.04308	.003	7.70	.01340	.001	1
S3	2.5000	2.5432	.043	1.73	.68805	.003	1
S4	5.0000	5.0704	.070	1.41	1.3700	.001	1
S5	10.000	9.8833	-.117	-1.17	2.6688	.013	1



Li 670.784 { 50}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

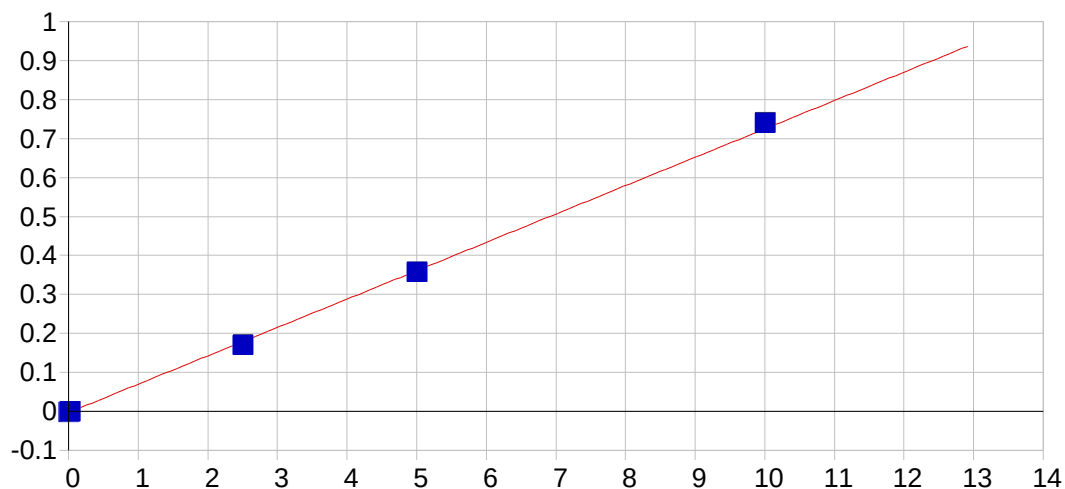
Weighting: 1/Conc

A0 (Offset): 0.033226
 A1 (Gain): 2.101916
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000451
 Predicted MDL: 0.001567
 Predicted MQL: 0.005224

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	.03322	.003	1
S1	.02000	.02064	.001	3.20	.07661	.001	1
S3	2.5000	2.5464	.046	1.86	5.3855	.025	1
S4	5.0000	5.0187	.019	.373	10.582	.039	1
S5	10.000	9.9343	-.066	-.657	20.914	.111	1

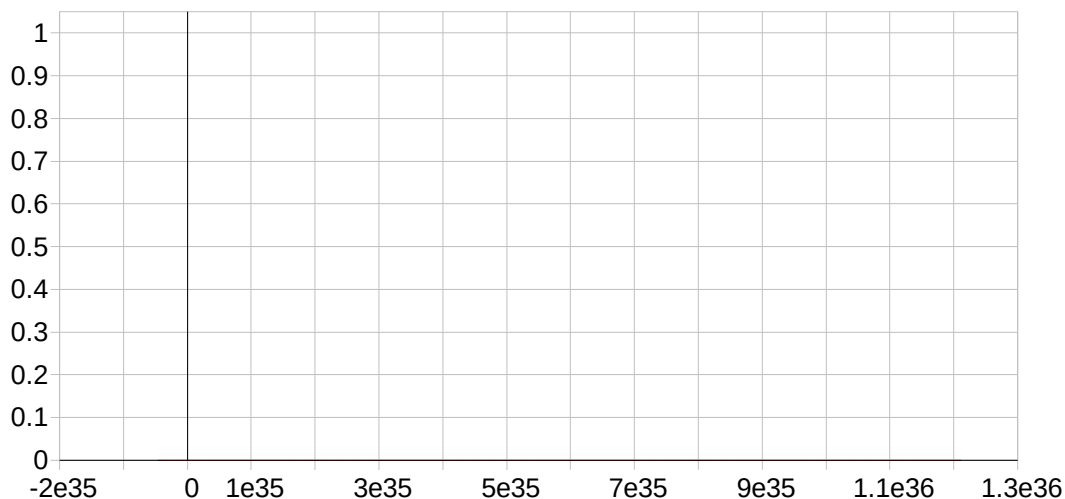


P 177.495 {490}

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002987 Re-Slope: 1.000000
 A1 (Gain): 0.072772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001426
 Predicted MQL: 0.004755

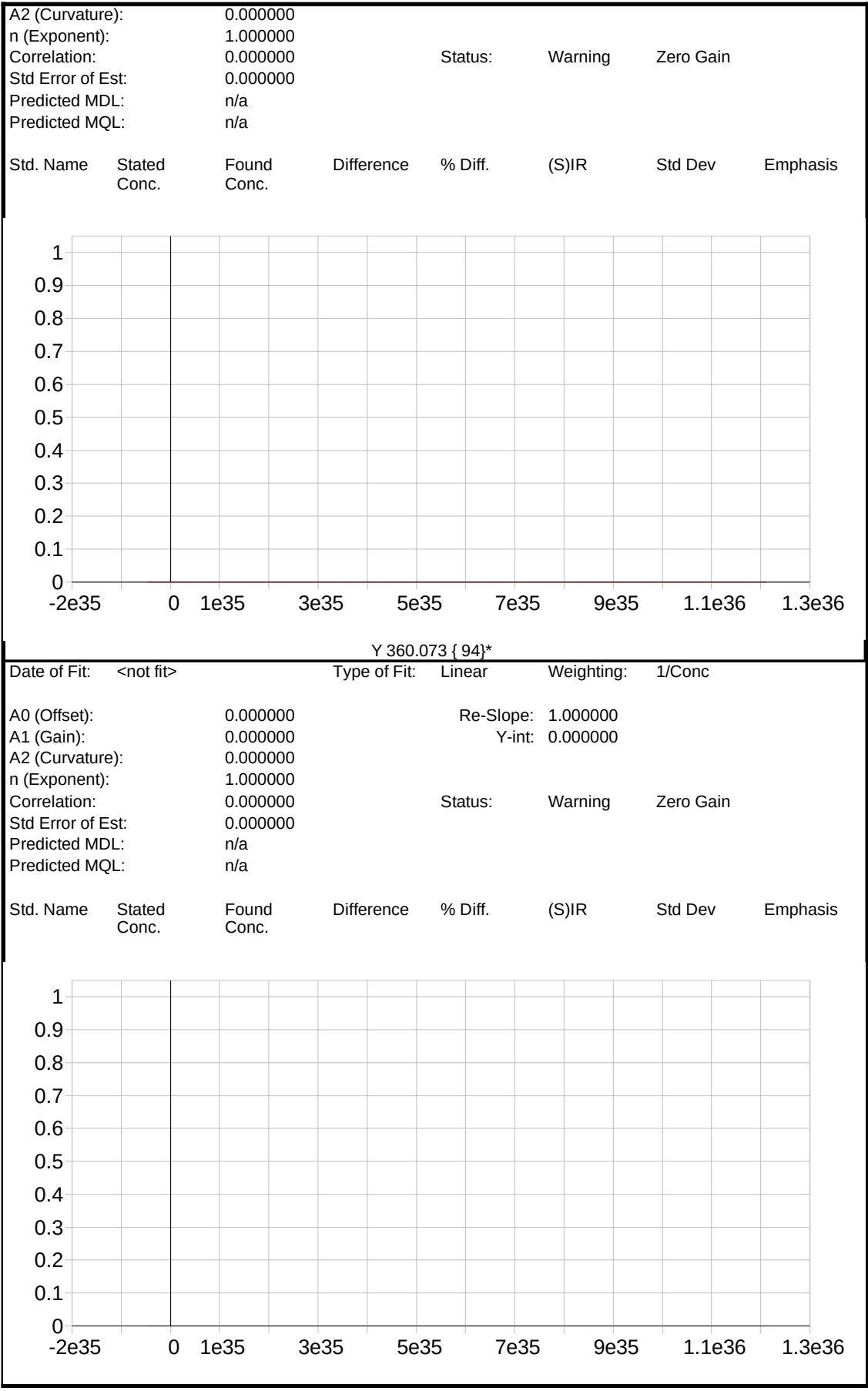
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00299	.000	1
S1	.02000	.01525	-.005	-23.8	-.00188	.000	1
S3	2.5000	2.3669	-.133	-5.32	.16900	.000	1
S4	5.0000	4.9351	-.065	-1.30	.35562	.001	1
S5	10.000	10.203	.203	2.03	.73843	.002	1

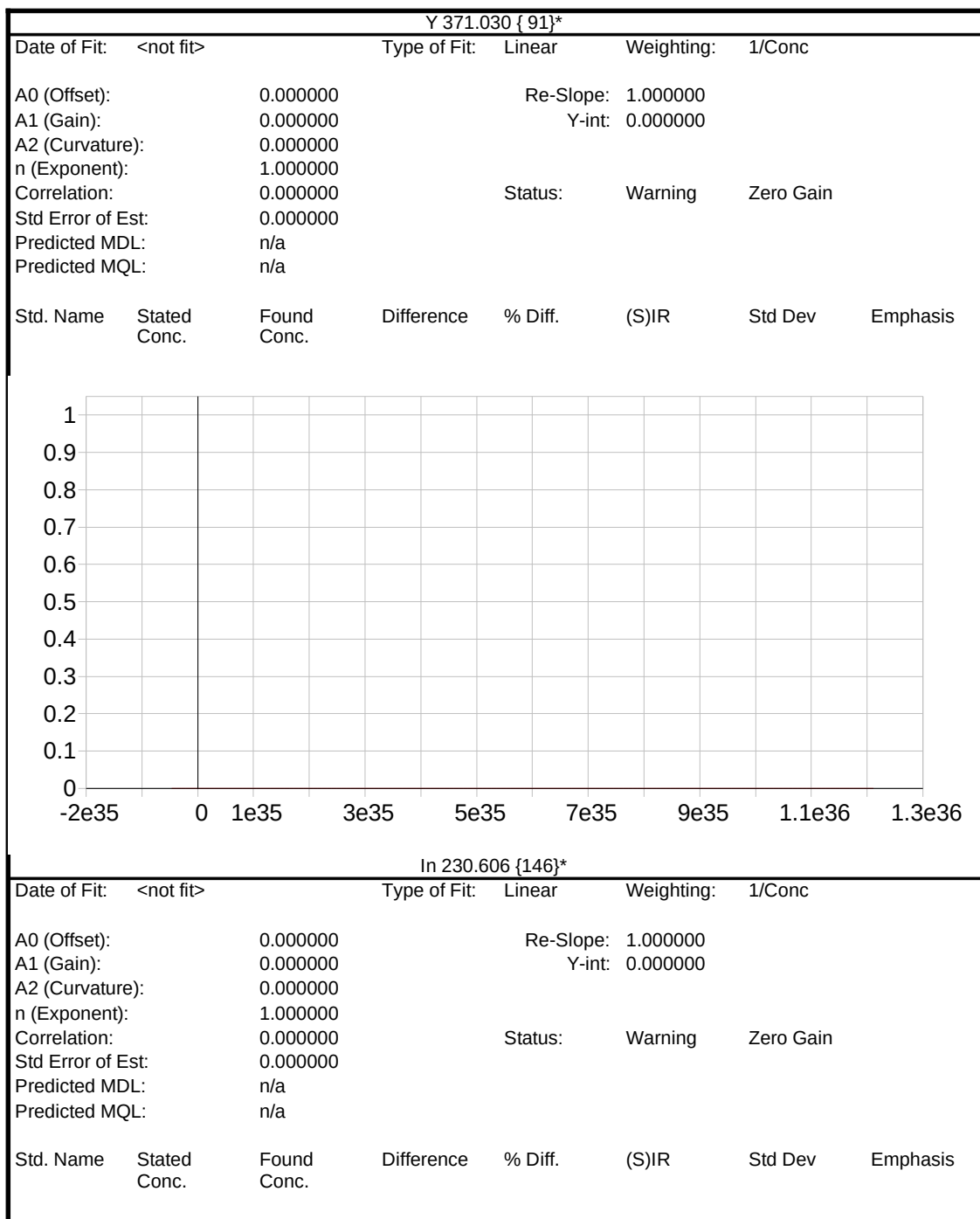


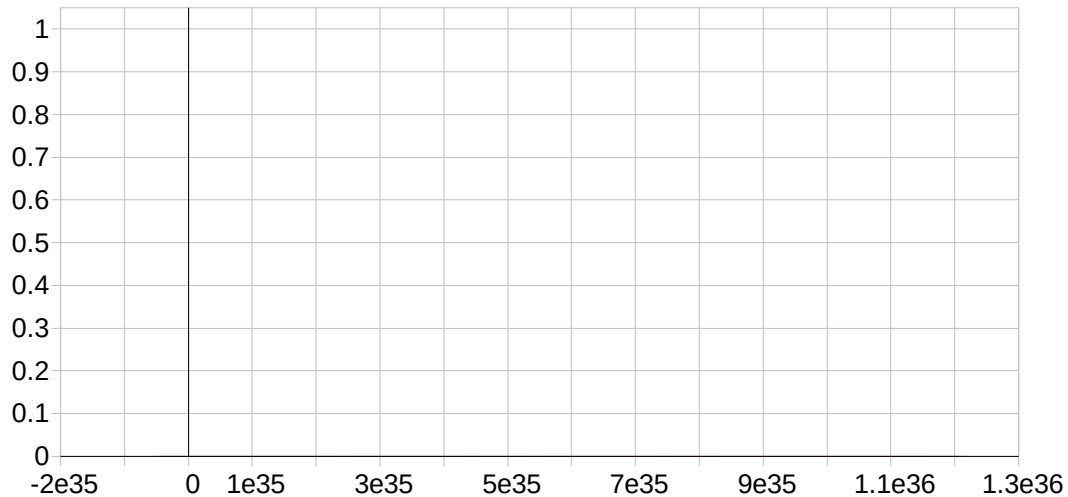
Y 224.306 {450}*

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







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

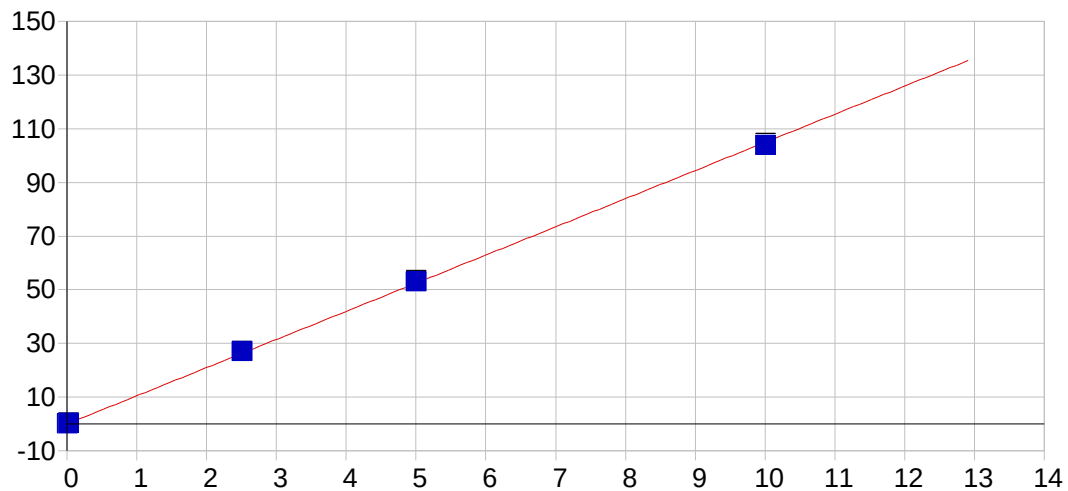
Status: Warning Zero Gain

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: 4/15/2019 17:53:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002901

Re-Slope: 1.000000

A1 (Gain): 10.489873

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999901

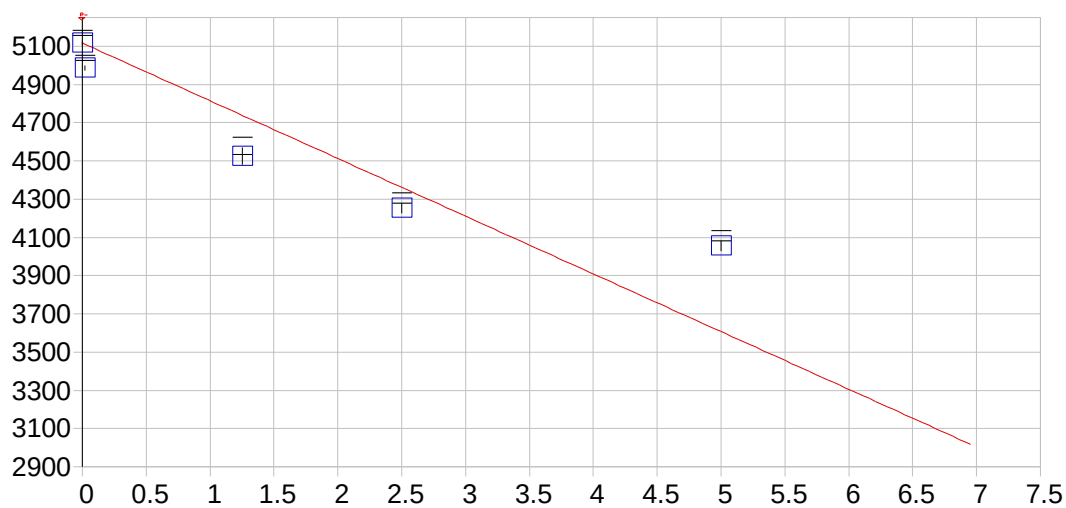
Status: OK.

Std Error of Est: 0.003569

Predicted MDL: 0.000112

Predicted MQL: 0.000375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00292	.001	1
S1	.02000	.02146	.001	7.32	.22342	.001	1
S3	2.5000	2.5656	.066	2.62	26.939	.106	1
S4	5.0000	5.0447	.045	.894	52.973	.369	1
S5	10.000	9.8882	-.112	-1.12	103.84	.651	1

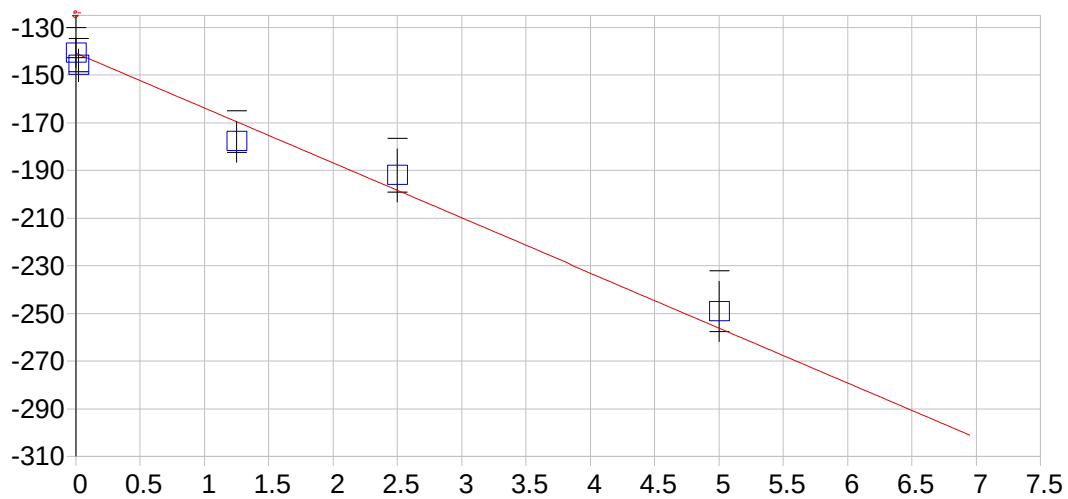


U 367.007 { 92 }

Date of Fit: 4/15/2019 17:53:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5116.302712 Re-Slope: 1.000000
A1 (Gain): -301.866494 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.693367 Status: Warning Negative Gain
Std Error of Est: 5.360986
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	-.000	.000	5116.4	12.8	1
S1	.02000	.43394	.414	2070.	4985.3	12.6	1
S3	1.2500	1.9583	.708	56.7	4525.2	44.3	1
S4	2.5000	2.8631	.363	14.5	4252.0	27.6	1
S5	5.0000	3.5146	-1.49	-29.7	4055.3	26.4	1



U 385.958 { 87}

Date of Fit: 4/15/2019 17:53:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -140.720563

Re-Slope: 1.000000

A1 (Gain): -23.081101

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.895044

Status: Warning Negative Gain

Std Error of Est: 0.196533

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	-140.72	6.34	1
S1	.02000	.22111	.201	1010.	-145.82	6.98	1
S3	1.2500	1.6150	.365	29.2	-178.00	8.76	1
S4	2.5000	2.2325	-.268	-10.7	-192.25	11.3	1
S5	5.0000	4.7014	-.299	-5.97	-249.23	12.7	1

Sample Name: S0 Acquired: 4/15/2019 11:35:41 Type: Cal
Method: P4-ICP2(v3049) 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	.00012	-.00003	.00177	-.00006	.00055	.00088	-.00202	-.00007
Stddev	.00006	.00013	.00012	.00012	.00003	.00005	.00007	.00006
%RSD	53.028	466.96	6.5601	191.07	5.7410	6.1218	3.6390	81.632

#1	.00015	.00010	.00172	-.00018	.00051	.00082	-.00197	-.00013
#2	.00017	-.00003	.00190	.00007	.00056	.00092	-.00199	-.00004
#3	.00005	-.00015	.00168	-.00008	.00057	.00090	-.00210	-.00003

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	.00085	.00077	-.00000	-.00041	.00231	.00086	.00007	.00006
Stddev	.00017	.00054	.00005	.00006	.00022	.00003	.00003	.00003
%RSD	19.567	70.368	1466.1	15.152	9.3096	3.1303	50.859	44.003

#1	.00091	.00131	.00004	-.00044	.00224	.00087	.00005	.00004
#2	.00066	.00022	.00001	-.00034	.00215	.00083	.00004	.00005
#3	.00097	.00079	-.00006	-.00046	.00256	.00088	.00011	.00009

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	-.00537	.00044	.00424	.00037	.00161	-.00547	.00028	.00004
Stddev	.00015	.00008	.00011	.00002	.00020	.00007	.00008	.00001
%RSD	2.7189	17.014	2.4985	4.4628	12.322	1.2936	30.154	20.203

#1	-.00542	.00052	.00418	.00036	.00181	-.00539	.00021	.00005
#2	-.00521	.00044	.00418	.00039	.00141	-.00553	.00037	.00004
#3	-.00549	.00037	.00436	.00036	.00161	-.00549	.00026	.00003

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	.00052	.02456	.00073	.00178	.03322	-.0030	-.00292	5116.4
Stddev	.00004	.00081	.00003	.00044	.00316	.0001	.00121	12.8
%RSD	7.0521	3.2916	4.4072	24.822	9.5194	2.239	41.449	.25010

#1	.00053	.02483	.00077	.00136	.03669	-.0029	-.00366	5129.6
#2	.00056	.02519	.00071	.00175	.03248	-.0030	-.00152	5104.0
#3	.00048	.02365	.00071	.00224	.03050	-.0030	-.00358	5115.7

Sample Name: S0 Acquired: 4/15/2019 11:35:41 Type: Cal
 Method: P4-ICP2(v3049) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-140.72
Stddev	6.34
%RSD	4.5062

#1	-146.76
#2	-141.27
#3	-134.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4953.2	72362.	4205.9	69.514	5450.9
Stddev	12.9	337.	37.0	.659	16.5
%RSD	.26128	.46524	.87997	.94793	.30182

#1	4938.5	72705.	4236.5	69.716	5432.1
#2	4958.3	72033.	4216.4	68.777	5458.1
#3	4962.9	72347.	4164.8	70.048	5462.5

Sample Name: S1 Acquired: 4/15/2019 11:40:08 Type: Cal
Method: P4-ICP2(v3049) 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	.00133	.00517	.00407	.00112	.00510	.00158	.02489	.00300
Stddev	.00005	.00004	.00016	.00003	.00008	.00004	.00030	.00006
%RSD	3.8470	.71693	3.8612	2.8766	1.5839	2.4510	1.1913	1.8592

#1	.00138	.00518	.00395	.00109	.00503	.00154	.02490	.00294
#2	.00128	.00513	.00402	.00115	.00519	.00161	.02458	.00303
#3	.00133	.00520	.00425	.00112	.00507	.00157	.02518	.00304

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	.01754	.00164	.02235	.01724	.01099	.01310	.01814	.00264
Stddev	.00023	.00002	.00023	.00022	.00005	.00006	.00020	.00002
%RSD	1.3336	1.0017	1.0305	1.2821	.47355	.49063	1.1130	.80896

#1	.01780	.00166	.02247	.01710	.01094	.01305	.01796	.00265
#2	.01744	.00163	.02249	.01713	.01099	.01317	.01836	.00261
#3	.01736	.00162	.02208	.01750	.01104	.01308	.01809	.00264

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	.00755	.06482	.14492	.00021	.00133	.28978	.00838	.01340
Stddev	.00003	.00057	.00016	.00001	.00005	.00224	.00008	.00085
%RSD	.43335	.87484	.10746	4.9854	3.8490	.77205	.98586	6.3337

#1	.00758	.06541	.14510	.00021	.00131	.29057	.00832	.01289
#2	.00752	.06429	.14486	.00020	.00130	.29152	.00835	.01293
#3	.00757	.06475	.14481	.00022	.00139	.28726	.00848	.01438

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07661	-.0019	.22342	4985.3	-145.82
Stddev	.00108	.0000	.00113	12.6	6.98
%RSD	1.4152	1.244	.50655	.25240	4.7894

#1	.07759	-.0019	.22214	4999.3	-150.34
#2	.07681	-.0019	.22383	4981.8	-137.78
#3	.07544	-.0019	.22429	4974.8	-149.35

Sample Name: S1 Acquired: 4/15/2019 11:40:08 Type: Cal
Method: P4-ICP2(v3049) 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	4991.9	72990.	4304.5	72.955	5412.4
Stddev	14.2	137.	25.0	1.381	16.0
%RSD	.28405	.18716	.58043	1.8925	.29504
#1	4985.3	73035.	4286.6	72.225	5403.5
#2	4982.3	73098.	4294.0	74.548	5402.7
#3	5008.2	72836.	4333.1	72.093	5430.8

Sample Name: S2 Acquired: 4/15/2019 11:44:34 Type: Cal
 Method: P4-ICP2(v3049) 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	.13477	.00114	.04917	.00780
Stddev	.00050	.00003	.00003	.00008
%RSD	.37025	2.9466	.05889	.99261

#1	.13464	.00110	.04920	.00775
#2	.13436	.00115	.04916	.00789
#3	.13533	.00117	.04915	.00777

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	72840.	4322.4
Stddev	310.	12.9
%RSD	.42521	.29901

#1	72500.	4308.2
#2	72913.	4333.4
#3	73106.	4325.5

Sample Name: S3 Acquired: 4/15/2019 11:48:48 Type: Cal
Method: P4-ICP2(v3049) 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	.14864	.31636	.48832	.14174	.22490	.03284	1.2818	.05906
Stddev	.00039	.00047	.00074	.00023	.00070	.00009	.0034	.00015
%RSD	.26332	.14818	.15219	.16417	.31312	.28237	.26935	.24904
#1	.14891	.31688	.48856	.14172	.22422	.03274	1.2780	.05901
#2	.14882	.31623	.48749	.14152	.22485	.03293	1.2848	.05895
#3	.14819	.31597	.48892	.14199	.22563	.03286	1.2826	.05923
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	3.4337	.78515	.07860	.96150	.43780	.23977	.74606	.00659
Stddev	.0044	.00304	.00007	.00045	.00060	.00036	.00089	.00001
%RSD	.12695	.38761	.08818	.04721	.13612	.14847	.11932	.17957
#1	3.4344	.78567	.07860	.96202	.43736	.23936	.74707	.00660
#2	3.4290	.78188	.07853	.96117	.43756	.23995	.74574	.00658
#3	3.4376	.78790	.07867	.96132	.43848	.24001	.74537	.00660
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	.71798	.13626	.28097	.21901	1.9653	.07505	1.7044	.00428
Stddev	.00087	.00040	.00057	.00030	.0015	.00043	.0014	.00004
%RSD	.12126	.29281	.20316	.13789	.07632	.57040	.07990	.85945
#1	.71794	.13612	.28033	.21871	1.9668	.07511	1.7059	.00430
#2	.71713	.13595	.28144	.21901	1.9638	.07545	1.7043	.00430
#3	.71887	.13671	.28113	.21932	1.9654	.07460	1.7031	.00424
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	.10334	1.4818	.49089	.68805	5.3855	.1690	26.939	4525.2
Stddev	.00044	.0120	.00065	.00259	.0250	.0003	.106	44.3
%RSD	.42785	.80806	.13292	.37711	.46518	.1985	.39466	.97821
#1	.10339	1.4916	.49055	.68757	5.3998	.1694	26.983	4490.7
#2	.10288	1.4685	.49048	.68573	5.3566	.1688	26.817	4509.6
#3	.10376	1.4853	.49164	.69086	5.4002	.1689	27.016	4575.1

Sample Name: S3 Acquired: 4/15/2019 11:48:48 Type: Cal
Method: P4-ICP2(v3049) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-178.00
Stddev	8.76
%RSD	4.9226

#1	-173.96
#2	-171.98
#3	-188.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4865.4	71363.	4287.7	71.073	4969.6
Stddev	3.3	95.	22.2	.707	2.6
%RSD	.06780	.13308	.51720	.99466	.05274

#1	4865.0	71322.	4269.0	70.720	4967.0
#2	4862.3	71296.	4312.2	71.887	4972.3
#3	4868.9	71472.	4281.9	70.612	4969.4

Sample Name: S4 Acquired: 4/15/2019 11:52:48 Type: Cal
Method: P4-ICP2(v3049) 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	.29841	.63752	.98580	.28485	.45047	.06600	2.5696	.11954
Stddev	.00018	.00174	.00152	.00065	.00150	.00045	.0256	.00022
%RSD	.05908	.27282	.15425	.22872	.33291	.67438	.99539	.18360
#1	.29850	.63953	.98575	.28472	.44878	.06566	2.5445	.11975
#2	.29852	.63657	.98430	.28555	.45165	.06650	2.5956	.11956
#3	.29821	.63647	.98734	.28426	.45097	.06585	2.5687	.11931
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	7.0120	1.5570	.15719	1.9572	.86026	.47154	1.4846	.01338
Stddev	.0076	.0017	.00010	.0025	.00193	.00008	.0013	.00011
%RSD	.10886	.11059	.06449	.13000	.22389	.01725	.08536	.79607
#1	7.0104	1.5555	.15724	1.9584	.85891	.47163	1.4858	.01326
#2	7.0052	1.5566	.15707	1.9542	.85940	.47150	1.4846	.01346
#3	7.0202	1.5589	.15725	1.9589	.86246	.47148	1.4833	.01341
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	1.4607	.27156	.56786	.43865	4.0366	.15763	3.3831	.00877
Stddev	.0005	.00055	.00034	.00034	.0026	.00025	.0077	.00007
%RSD	.03261	.20366	.05985	.07647	.06480	.15954	.22751	.81390
#1	1.4603	.27210	.56756	.43879	4.0374	.15753	3.3743	.00870
#2	1.4613	.27100	.56823	.43890	4.0337	.15791	3.3883	.00884
#3	1.4606	.27159	.56778	.43827	4.0388	.15744	3.3868	.00876
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	.21580	2.8918	.99842	1.3700	10.582	.3556	52.973	4252.0
Stddev	.00088	.0175	.00146	.0011	.039	.0011	.369	27.6
%RSD	.40708	.60359	.14597	.07706	.37062	.3009	.69639	.64818
#1	.21680	2.9003	.99938	1.3689	10.593	.3568	52.673	4223.9
#2	.21546	2.8717	.99674	1.3702	10.538	.3551	52.862	4253.3
#3	.21514	2.9033	.99913	1.3710	10.614	.3549	53.385	4278.9

Sample Name: S4 Acquired: 4/15/2019 11:52:48 Type: Cal
Method: P4-ICP2(v3049) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-192.25
Stddev	11.28
%RSD	5.8663

#1	-196.61
#2	-200.70
#3	-179.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4696.6	68660.	4237.4	70.345	4643.4
Stddev	11.6	168.	23.0	1.302	4.4
%RSD	.24751	.24439	.54287	1.8513	.09460

#1	4709.9	68539.	4213.7	68.870	4647.0
#2	4688.3	68589.	4259.6	71.337	4644.9
#3	4691.6	68851.	4238.8	70.828	4638.5

Sample Name: S5 Acquired: 4/15/2019 11:57:03 Type: Cal
Method: P4-ICP2(v3049) 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	.58709	1.2671	1.9763	.55882	.88248	.13108	5.1256	.23511
Stddev	.00071	.0013	.0014	.00038	.00142	.00046	.0125	.00029
%RSD	.12143	.10402	.07074	.06849	.16087	.35166	.24342	.12499
#1	.58757	1.2656	1.9749	.55924	.88399	.13138	5.1199	.23530
#2	.58741	1.2678	1.9763	.55874	.88229	.13131	5.1399	.23527
#3	.58627	1.2680	1.9777	.55848	.88118	.13055	5.1170	.23477
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	14.123	3.0173	.30697	3.9536	1.6577	.91650	2.8504	.02626
Stddev	.003	.0120	.00092	.0001	.0019	.00208	.0224	.00008
%RSD	.02248	.39851	.30052	.00288	.11473	.22691	.78482	.29926
#1	14.121	3.0238	.30681	3.9536	1.6594	.91857	2.8733	.02618
#2	14.121	3.0247	.30796	3.9537	1.6556	.91651	2.8495	.02627
#3	14.126	3.0034	.30614	3.9535	1.6581	.91441	2.8286	.02633
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	2.9408	.53473	1.1455	.86668	8.2224	.32262	6.5875	.01746
Stddev	.0023	.00127	.0046	.00165	.0005	.00104	.0146	.00010
%RSD	.07955	.23773	.40073	.19055	.00573	.32258	.22109	.59043
#1	2.9383	.53528	1.1499	.86825	8.2226	.32370	6.6043	.01757
#2	2.9415	.53563	1.1458	.86684	8.2219	.32253	6.5787	.01737
#3	2.9428	.53327	1.1407	.86495	8.2227	.32163	6.5794	.01745
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	.44751	5.5753	2.0098	2.6688	20.914	.7384	103.84	4055.3
Stddev	.00072	.0219	.0010	.0130	.111	.0018	.65	26.4
%RSD	.16146	.39352	.05067	.48760	.53278	.2415	.62702	.65090
#1	.44699	5.5632	2.0087	2.6742	20.964	.7364	104.51	4052.4
#2	.44834	5.6006	2.0099	2.6782	20.992	.7394	103.81	4083.1
#3	.44721	5.5621	2.0107	2.6539	20.787	.7395	103.20	4030.5

Sample Name: S5 Acquired: 4/15/2019 11:57:03 Type: Cal
Method: P4-ICP2(v3049) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-249.23
Stddev	12.73
%RSD	5.1096

#1	-234.76
#2	-254.25
#3	-258.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4560.1	66627.	4188.5	67.172	4312.6
Stddev	12.6	286.	21.5	1.984	3.9
%RSD	.27628	.42908	.51258	2.9540	.09048

#1	4545.6	66368.	4177.3	68.877	4308.1
#2	4567.8	66579.	4174.9	64.994	4314.2
#3	4566.9	66934.	4213.2	67.645	4315.4

Sample Name: ICV01 Acquired: 4/15/2019 12:08:24 Type: Unk
Method: P4-ICP2(v3049) 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	.98357	1.0265	.97098	1.0016	.97330	2.4942	.50253
Stddev	.00148	.0045	.00463	.0024	.00047	.0091	.00433
%RSD	.15092	.43317	.47639	.24397	.04861	.36537	.86215

#1	.98527	1.0262	.96902	1.0040	.97379	2.5017	.50552
#2	.98293	1.0223	.96765	1.0018	.97328	2.4840	.49756
#3	.98252	1.0311	.97626	.99909	.97284	2.4968	.50450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48738	.47289	10.196	.50051	.48580	F .52222	5.0638
Stddev	.00169	.00082	.030	.00109	.00095	.00144	.0110
%RSD	.34708	.17408	.29262	.21838	.19526	.27503	.21780

#1	.48750	.47288	10.184	.50080	.48583	.52159	5.0669
#2	.48563	.47207	10.174	.49930	.48485	.52120	5.0516
#3	.48901	.47371	10.230	.50142	.48674	.52386	5.0730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51066	5.8433	.48981	.50807	9.8391	.50005	F .95406
Stddev	.00081	.0966	.00144	.00162	.0606	.00142	.00128
%RSD	.15945	1.6530	.29473	.31889	.61621	.28485	.13386

#1	.50975	5.9008	.48931	.50889	9.8767	.49942	.95436
#2	.51133	5.7318	.48869	.50620	9.7692	.49904	.95266
#3	.51090	5.8974	.49144	.50911	9.8715	.50168	.95516

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6685	2.5113	2.4814	F .00653	2.4052	2.4126	2.5467
Stddev	.0571	.0020	.0411	.00119	.0067	.0025	.0024
%RSD	.59055	.08112	1.6576	18.215	.27794	.10339	.09607

#1	9.7018	2.5131	2.5208	.00564	2.4018	2.4102	2.5444
#2	9.6026	2.5091	2.4387	.00788	2.4129	2.4126	2.5464
#3	9.7011	2.5118	2.4848	.00607	2.4009	2.4152	2.5493

Sample Name: ICV01 Acquired: 4/15/2019 12:08:24 Type: Unk
Method: P4-ICP2(v3049) 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 -.00097	F -.0074	F .00595	F 2.3457	F 2.1625
Stddev	.00057	.0018	.00012	.1542	.1763
%RSD	59.556	23.99	1.9459	6.5744	8.1523
#1	-.00149	-.0091	.00595	2.3277	2.2949
#2	-.00105	-.0074	.00584	2.5081	1.9624
#3	-.00035	-.0056	.00607	2.2013	2.2302
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4874.9	71188.	4359.5	75.923	5062.7
Stddev	5.5	324.	9.3	1.375	5.5
%RSD	.11317	.45480	.21346	1.8106	.10875
#1	4869.1	70954.	4362.6	75.113	5057.1
#2	4875.5	71558.	4349.0	77.510	5068.1
#3	4880.1	71053.	4366.9	75.146	5062.9

Sample Name: LLICV01 Acquired: 4/15/2019 12:12:28 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02013	.04369	.01111	.02034	.05283	.09613	.10920
Stddev	.00177	.00028	.00036	.00253	.00086	.01247	.00119
%RSD	8.8152	.63215	3.2549	12.436	1.6347	12.968	1.0915

#1	.01933	.04400	.01148	.01746	.05371	.11036	.10837
#2	.02217	.04359	.01109	.02218	.05199	.08714	.11057
#3	.01890	.04348	.01076	.02139	.05280	.09089	.10868

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	.00602	2.1950	.01103	.02978	.02241	.11110
Stddev	.00004	.00003	.0237	.00031	.00015	.00023	.00049
%RSD	.65915	.58060	1.0786	2.8041	.49607	1.0335	.43710

#1	.00673	.00600	2.2218	.01102	.02968	.02267	.11153
#2	.00667	.00600	2.1769	.01135	.02995	.02236	.11118
#3	.00665	.00606	2.1864	.01073	.02970	.02221	.11057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02328	2.0980	.04052	.01063	2.0288	.04262	.03990
Stddev	.00008	.0622	.00040	.00038	.0095	.00017	.00006
%RSD	.36307	2.9630	.98851	3.5325	.46899	.39003	.14629

#1	.02337	2.1666	.04008	.01083	2.0203	.04273	.03983
#2	.02320	2.0455	.04061	.01087	2.0391	.04271	.03991
#3	.02328	2.0819	.04087	.01020	2.0272	.04243	.03995

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0275	.21868	.10587	.01877	.46530	.04036	.04421
Stddev	.0095	.00029	.00393	.00124	.00256	.00042	.00096
%RSD	.47110	.13396	3.7087	6.6243	.54983	1.0419	2.1607

#1	2.0384	.21834	.10222	.01774	.46736	.04083	.04528
#2	2.0233	.21880	.11003	.02015	.46244	.04025	.04345
#3	2.0208	.21888	.10535	.01842	.46611	.04001	.04390

Sample Name: LLICV01 Acquired: 4/15/2019 12:12:28 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02014	F .0156	.02172	F 2.0185	F<.00000
Stddev	.00195	.0012	.00013	.0557	.19180
%RSD	9.6598	7.562	.58175	2.7574	3700.9
#1	.01799	.0143	.02169	2.0487	-.07265
#2	.02066	.0165	.02186	2.0525	.21124
#3	.02178	.0161	.02162	1.9543	-.15414
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4912.3	71930.	4332.0	75.277	5288.5
Stddev	5.0	102.	19.5	1.253	5.5
%RSD	.10223	.14194	.44981	1.6646	.10437
#1	4906.7	71968.	4320.8	75.107	5282.3
#2	4916.5	71814.	4354.5	74.118	5290.4
#3	4913.8	72007.	4320.6	76.607	5292.8

Sample Name: ICB01 Acquired: 4/15/2019 12:16:51 Type: Unk
Method: P4-ICP2(v3049) 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	.00090	.00059	-.00227	.00098	-.00134	-.01496	.00043	.00013
Stddev	.00183	.00059	.00049	.00089	.00145	.00969	.00012	.00003
%RSD	203.27	99.705	21.507	91.764	107.61	64.739	27.951	26.260
#1	.00301	.00045	-.00209	.00124	-.00268	-.01934	.00055	.00009
#2	-.00004	.00123	-.00283	-.00002	.00019	-.00386	.00031	.00015
#3	-.00026	.00008	-.00190	.00171	-.00154	-.02168	.00045	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00767	-.00009	-.00002	-.00054	.00096	-.00007	-.01896
Stddev	.00004	.01090	.00030	.00023	.00031	.00036	.00003	.03321
%RSD	318.98	142.17	319.12	1239.4	57.247	37.400	41.852	175.20
#1	-.00003	-.01881	.00025	-.00016	-.00021	.00131	-.00010	-.05649
#2	.00001	.00297	-.00027	.00024	-.00082	.00059	-.00004	-.00700
#3	.00005	-.00716	-.00026	-.00014	-.00058	.00100	-.00007	.00662
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00008	-.11860	-.00025	-.00015	-.04300	-.00010	-.01132
Stddev	.00008	.00018	.00431	.00023	.00008	.00842	.00009	.00545
%RSD	2545.3	212.77	3.6370	92.886	53.434	19.577	92.367	48.120
#1	-.00010	-.00021	-.11572	-.00047	-.00015	-.05272	-.00016	-.00546
#2	.00003	.00012	-.11653	-.00029	-.00007	-.03793	.00000	-.01623
#3	.00006	-.00017	-.12356	-.00000	-.00023	-.03835	-.00013	-.01227
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00108	-.00078	.00093	-.00120	-.0029	-.00003	F 1.8153
Stddev	.00266	.00168	.00036	.00121	.00143	.0011	.00002	.0296
%RSD	1083.4	155.86	45.834	130.74	119.65	37.87	90.423	1.6278
#1	.00044	-.00299	-.00119	.00227	-.00177	-.0039	.00000	1.7812
#2	.00201	-.00043	-.00058	.00059	.00043	-.0017	-.00004	1.8315
#3	-.00318	.00018	-.00056	-.00008	-.00226	-.0029	-.00004	1.8333

Sample Name: ICB01 Acquired: 4/15/2019 12:16:51 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .20010
Stddev	.08554
%RSD	42.747

#1	.12347
#2	.29238
#3	.18446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4978.2	72821.	4352.8	75.569	5430.6
Stddev	10.6	316.	26.6	.460	15.1
%RSD	.21231	.43431	.61052	.60865	.27837

#1	4966.5	72536.	4352.0	75.309	5417.4
#2	4980.9	73161.	4379.7	76.100	5427.4
#3	4987.1	72766.	4326.6	75.298	5447.1

Sample Name: CRI01 Acquired: 4/15/2019 12:21:19 Type: Unk
Method: P4-ICP2(v3049) 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	.02079	.04245	.01070	.02167	.05166	.10533	.10862	.00660
Stddev	.00122	.00059	.00049	.00168	.00149	.00288	.00031	.00006
%RSD	5.8825	1.3959	4.6175	7.7675	2.8814	2.7366	.28541	.89241
#1	.01946	.04296	.01039	.02359	.05086	.10627	.10877	.00656
#2	.02106	.04180	.01044	.02099	.05338	.10209	.10826	.00666
#3	.02186	.04260	.01127	.02044	.05074	.10762	.10882	.00656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00599	2.1876	.01053	.02957	.02187	.10974	.02301	2.0798
Stddev	.00005	.0191	.00023	.00023	.00020	.00053	.00013	.0324
%RSD	.76961	.87313	2.2268	.79303	.91049	.48749	.57629	1.5593
#1	.00599	2.1716	.01031	.02983	.02186	.10983	.02295	2.1126
#2	.00594	2.1824	.01051	.02940	.02207	.11022	.02316	2.0477
#3	.00604	2.2087	.01078	.02946	.02167	.10916	.02292	2.0790
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04050	.01095	1.9991	.04222	.03925	1.9825	.21649	.08873
Stddev	.00017	.00045	.0063	.00093	.00012	.0019	.00072	.00962
%RSD	.42861	4.1046	.31393	2.2021	.31762	.09414	.33293	10.841
#1	.04036	.01051	1.9919	.04256	.03920	1.9839	.21635	.07825
#2	.04045	.01092	2.0026	.04292	.03915	1.9833	.21585	.09076
#3	.04069	.01141	2.0028	.04116	.03939	1.9804	.21727	.09717
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01884	.45654	.03873	.04216	.01770	.0142	.02157	F 2.1712
Stddev	.00309	.00110	.00072	.00039	.00042	.0007	.00015	.0620
%RSD	16.387	.24054	1.8544	.92525	2.3924	4.620	.67371	2.8548
#1	.01920	.45685	.03838	.04185	.01750	.0148	.02173	2.2126
#2	.02173	.45745	.03824	.04202	.01742	.0135	.02150	2.0999
#3	.01559	.45532	.03955	.04260	.01819	.0141	.02146	2.2010

Sample Name: CRI01 Acquired: 4/15/2019 12:21:19 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .43403
Stddev	.17950
%RSD	41.356

#1	.52743
#2	.22709
#3	.54758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4969.0	72449.	4369.1	75.548	5348.0
Stddev	9.4	275.	7.4	.546	7.1
%RSD	.18828	.38015	.17015	.72220	.13279

#1	4958.4	72714.	4363.1	74.995	5340.8
#2	4972.2	72164.	4366.8	76.086	5348.1
#3	4976.3	72469.	4377.4	75.564	5355.0

Sample Name: ICSA01 Acquired: 4/15/2019 12:26:57 Type: Unk
 Method: P4-ICP2(v3049) 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	.00123	.00562	-.00224	.00353	.01064	271.99	.00646	.00181
Stddev	.00057	.00204	.00191	.00141	.00240	.44	.00045	.00005
%RSD	45.917	36.389	85.218	39.904	22.501	.16261	6.9941	2.8277
#1	.00167	.00704	-.00020	.00421	.01241	271.49	.00698	.00178
#2	.00143	.00327	-.00254	.00448	.01160	272.32	.00617	.00178
#3	.00059	.00653	-.00398	.00191	.00792	272.17	.00623	.00187
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	251.24	.04754	-.00073	.01815	95.221	.01231	273.38
Stddev	.00009	.58	.00010	.00024	.00042	.418	.00012	1.54
%RSD	5.8880	.22946	.21145	33.546	2.3129	.43931	.97854	.56348
#1	.00154	250.58	.04759	-.00046	.01787	94.740	.01235	272.04
#2	.00152	251.54	.04761	-.00079	.01863	95.423	.01218	275.06
#3	.00138	251.61	.04743	-.00093	.01794	95.500	.01241	273.03
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00572	.00790	-.01385	.00176	-.01367	-.12589	.00075	-.01377
Stddev	.00043	.00004	.01669	.00005	.00031	.01520	.00018	.00747
%RSD	7.5373	.45239	120.51	2.6911	2.2675	12.072	24.630	54.247
#1	-.00522	.00789	-.03247	.00177	-.01331	-.10855	.00078	-.01676
#2	-.00593	.00794	-.00886	.00180	-.01389	-.13692	.00092	-.00527
#3	-.00599	.00788	-.00022	.00171	-.01380	-.13219	.00055	-.01928
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01425	-.00101	.00507	-.00287	.00771	-.0039	-.00216	4.1736
Stddev	.00294	.00148	.00065	.00138	.00064	.0012	.00018	.0608
%RSD	20.598	145.74	12.756	48.180	8.3436	32.22	8.3080	1.4559
#1	.01087	.00058	.00466	-.00424	.00705	-.0053	-.00209	4.1314
#2	.01570	-.00130	.00581	-.00288	.00775	-.0033	-.00236	4.1461
#3	.01619	-.00233	.00473	-.00148	.00834	-.0030	-.00202	4.2432

Sample Name: ICSA01 Acquired: 4/15/2019 12:26:57 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.793
Stddev	.538
%RSD	1.6397

#1	32.375
#2	33.400
#3	32.605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4356.7	62958.	4100.2	65.762	4149.3
Stddev	10.2	59.	7.0	1.811	.6
%RSD	.23332	.09437	.17166	2.7545	.01558

#1	4352.1	63008.	4107.6	66.610	4148.8
#2	4349.6	62974.	4099.4	63.682	4149.2
#3	4368.3	62892.	4093.6	66.994	4150.0

Sample Name: ICSAB01 Acquired: 4/15/2019 12:31:33 Type: Unk
Method: P4-ICP2(v3049) 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	.10271	.11029	.04701	.05095	.61718	269.58	.55271
Stddev	.00059	.00222	.00043	.00044	.00920	1.05	.00166
%RSD	.57399	2.0086	.90688	.85461	1.4910	.39026	.30073

#1	.10328	.10785	.04726	.05056	.61104	268.38	.55084
#2	.10210	.11085	.04651	.05142	.61274	270.32	.55400
#3	.10275	.11217	.04725	.05088	.62776	270.04	.55330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54304	.99304	249.69	.55142	.49780	.51185	94.028
Stddev	.00106	.01210	.28	.00135	.00619	.00534	.296
%RSD	.19571	1.2182	.11042	.24419	1.2437	1.0428	.31474

#1	.54303	.98258	250.00	.55268	.49308	.50667	94.152
#2	.54199	.99026	249.62	.55000	.49552	.51157	94.241
#3	.54411	1.0063	249.46	.55158	.50481	.51733	93.690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52065	272.16	.97912	.21898	.09896	.50724	1.0580
Stddev	.00164	1.37	.01267	.00062	.01509	.00152	.0114
%RSD	.31436	.50417	1.2945	.28233	15.245	.29920	1.0777

#1	.52150	270.60	.96772	.21837	.08532	.50782	1.0486
#2	.51876	273.19	.97688	.21960	.09641	.50551	1.0547
#3	.52169	272.68	.99277	.21898	.11517	.50838	1.0706

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04889	1.0138	1.0638	F .01364	.91158	1.0323	1.0138
Stddev	.03718	.0173	.0160	.00478	.00617	.0177	.0079
%RSD	76.045	1.7064	1.5084	35.026	.67698	1.7111	.77652

#1	-.07745	.99804	1.0799	.00820	.91865	1.0171	1.0207
#2	-.06238	1.0110	1.0635	.01714	.90726	1.0282	1.0153
#3	-.00685	1.0323	1.0479	.01560	.90883	1.0517	1.0052

Sample Name: ICSAB01 Acquired: 4/15/2019 12:31:33 Type: Unk
 Method: P4-ICP2(v3049) 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 .00714	F -.0069	F -.00206	4.4175	33.401
Stddev	.00127	.0012	.00024	.0824	.237
%RSD	17.764	16.94	11.436	1.8664	.71013
#1	.00597	-.0060	-.00206	4.4008	33.506
#2	.00849	-.0082	-.00229	4.5070	33.567
#3	.00695	-.0065	-.00182	4.3447	33.129
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4405.7	64000.	4178.1	68.921	4172.4
Stddev	8.1	72.	22.9	1.589	4.0
%RSD	.18375	.11298	.54872	2.3058	.09557
#1	4399.1	64046.	4152.7	68.080	4168.7
#2	4403.2	63917.	4184.5	67.930	4176.6
#3	4414.7	64038.	4197.2	70.754	4171.9

Sample Name: CCV01 Acquired: 4/15/2019 12:35:57 Type: Unk
Method: P4-ICP2(v3049) 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	4.9448	5.0162	4.9075	5.0204	4.9668	9.9263	10.056	.25221
Stddev	.0122	.0033	.0065	.0070	.0061	.0393	.003	.00022
%RSD	.24757	.06594	.13149	.14022	.12301	.39574	.03195	.08839
#1	4.9331	5.0136	4.9046	5.0172	4.9682	9.9144	10.059	.25224
#2	4.9437	5.0151	4.9030	5.0285	4.9601	9.9701	10.053	.25197
#3	4.9575	5.0199	4.9149	5.0155	4.9721	9.8943	10.056	.25242
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4500	25.249	1.0029	2.4636	1.2546	4.9814	2.5473	24.791
Stddev	.0027	.086	.0017	.0013	.0021	.0038	.0012	.079
%RSD	.10890	.33968	.16878	.05262	.16415	.07593	.04647	.31865
#1	2.4471	25.177	1.0024	2.4636	1.2526	4.9856	2.5487	24.703
#2	2.4524	25.226	1.0015	2.4650	1.2567	4.9803	2.5469	24.854
#3	2.4506	25.344	1.0047	2.4624	1.2543	4.9783	2.5464	24.817
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4616	1.2428	24.991	2.4987	2.4608	24.313	4.9869	5.0031
Stddev	.0057	.0023	.040	.0012	.0024	.041	.0034	.0420
%RSD	.23184	.18667	.15844	.04900	.09963	.16982	.06834	.84021
#1	2.4553	1.2453	24.998	2.5000	2.4580	24.266	4.9832	5.0286
#2	2.4665	1.2426	24.949	2.4987	2.4626	24.341	4.9875	4.9545
#3	2.4628	1.2406	25.027	2.4975	2.4617	24.333	4.9900	5.0260
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8646	4.8988	4.9105	4.9891	4.9300	4.980	5.0006	F 3.6608
Stddev	.0066	.0194	.0019	.0188	.0217	.011	.0434	.0319
%RSD	.13542	.39552	.03797	.37605	.43994	.2228	.86865	.87189
#1	4.8574	4.8867	4.9084	4.9754	4.9056	4.968	5.0138	3.6833
#2	4.8661	4.8885	4.9121	4.9813	4.9471	4.984	4.9521	3.6243
#3	4.8703	4.9211	4.9110	5.0105	4.9373	4.989	5.0360	3.6749

Sample Name: CCV01 Acquired: 4/15/2019 12:35:57 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7186
Stddev .0924
%RSD 3.3977

#1 2.6431
#2 2.8216
#3 2.6911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4733.1	68963.	4263.8	70.765	4666.3
Stddev	3.2	109.	14.8	.200	5.2
%RSD	.06682	.15763	.34620	.28266	.11084

#1	4736.7	69046.	4276.1	70.657	4672.3
#2	4732.0	69004.	4267.8	70.996	4663.1
#3	4730.6	68840.	4247.5	70.643	4663.6

Sample Name: LLCCV01 Acquired: 4/15/2019 12:40:07 Type: Unk
Method: P4-ICP2(v3049) 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	.02167	.04311	.00967	.02088	.05283	.09478	.10893	.00663
Stddev	.00046	.00080	.00023	.00067	.00062	.00608	.00073	.00004
%RSD	2.1402	1.8474	2.4175	3.2244	1.1729	6.4170	.67058	.56762
#1	.02217	.04356	.00950	.02123	.05237	.09942	.10949	.00667
#2	.02159	.04219	.00994	.02131	.05260	.09701	.10811	.00660
#3	.02125	.04357	.00958	.02011	.05354	.08789	.10920	.00662
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	2.1910	.01066	.02967	.02237	.11190	.02332	2.1037
Stddev	.00003	.0131	.00009	.00029	.00028	.00168	.00024	.0191
%RSD	.53765	.59658	.82729	.97992	1.2549	1.5003	1.0225	.90879
#1	.00597	2.2056	.01056	.02964	.02207	.11341	.02360	2.0844
#2	.00599	2.1871	.01068	.02997	.02241	.11009	.02321	2.1039
#3	.00603	2.1804	.01074	.02939	.02263	.11220	.02316	2.1227
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04053	.01102	2.0236	.04271	.03962	1.9848	.21768	.09296
Stddev	.00015	.00043	.0233	.00012	.00013	.0223	.00049	.00321
%RSD	.36298	3.8622	1.1502	.27984	.32728	1.1233	.22476	3.4571
#1	.04053	.01072	2.0001	.04275	.03976	1.9728	.21806	.09102
#2	.04067	.01084	2.0466	.04257	.03958	2.0105	.21785	.09667
#3	.04038	.01151	2.0241	.04279	.03952	1.9711	.21713	.09119
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02018	.46138	.03908	.04338	.02037	F .0144	.02169	F 2.4610
Stddev	.00189	.00149	.00055	.00083	.00096	.0005	.00018	.1126
%RSD	9.3847	.32201	1.3945	1.9106	4.7270	3.699	.82086	4.5739
#1	.02027	.46285	.03967	.04257	.02074	.0149	.02188	2.5106
#2	.01824	.46141	.03858	.04334	.02110	.0144	.02167	2.5402
#3	.02203	.45988	.03900	.04423	.01928	.0138	.02152	2.3321

Sample Name: LLCCV01 Acquired: 4/15/2019 12:40:07 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .60764
Stddev	.34266
%RSD	56.392

#1	.41458
#2	.40507
#3	1.0033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4940.0	72126.	4329.7	75.285	5310.1
Stddev	17.4	205.	1.5	.388	7.6
%RSD	.35162	.28411	.03500	.51495	.14398

#1	4922.8	72190.	4328.4	75.727	5301.4
#2	4939.7	72291.	4331.4	75.005	5315.5
#3	4957.6	71897.	4329.5	75.123	5313.5

Sample Name: CCB01 Acquired: 4/15/2019 12:44:33 Type: Unk
Method: P4-ICP2(v3049) 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	-.00200	.00046	-.00234	-.00060	-.00057	-.01715	.00021	-.00000
Stddev	.00196	.00097	.00022	.00125	.00141	.00783	.00027	.00001
%RSD	98.073	210.00	9.5579	207.97	247.80	45.634	131.20	133.24
#1	-.00351	.00159	-.00209	-.00002	-.00199	-.01871	.00040	-.00000
#2	-.00271	-.00018	-.00243	.00025	-.00053	-.00866	.00033	-.00001
#3	.00022	-.00001	-.00251	-.00204	.00082	-.02408	-.00010	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00562	.00008	-.00004	-.00047	.00091	-.00001	-.03346
Stddev	.00001	.01402	.00024	.00002	.00025	.00066	.00002	.01883
%RSD	32.681	249.42	288.30	51.428	53.635	72.185	201.51	56.282
#1	-.00002	-.01597	-.00011	-.00005	-.00046	.00165	-.00002	-.02336
#2	-.00002	-.01123	.00036	-.00002	-.00022	.00041	.00001	-.05518
#3	-.00004	.01033	.00000	-.00005	-.00072	.00066	-.00002	-.02182
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00025	-.11376	-.00009	-.00024	-.07461	-.00004	-.01213
Stddev	.00009	.00045	.00429	.00026	.00006	.03218	.00006	.00167
%RSD	1051.5	185.24	3.7746	294.43	22.718	43.127	163.19	13.736
#1	-.00005	-.00057	-.10901	.00016	-.00025	-.05293	-.00004	-.01405
#2	.00011	.00027	-.11489	-.00007	-.00018	-.05931	.00003	-.01099
#3	-.00003	-.00044	-.11738	-.00035	-.00029	-.11158	-.00009	-.01136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	-.00033	-.00098	.00162	-.00138	-.0035	-.00021	F 2.3018
Stddev	.00240	.00137	.00064	.00063	.00068	.0015	.00005	.0824
%RSD	100.44	411.30	65.402	38.541	49.228	43.70	24.984	3.5822
#1	-.00185	.00079	-.00131	.00223	-.00060	-.0020	-.00026	2.3528
#2	-.00030	.00006	-.00024	.00098	-.00180	-.0034	-.00015	2.3459
#3	-.00500	-.00185	-.00138	.00167	-.00175	-.0050	-.00023	2.2066

Sample Name: CCB01 Acquired: 4/15/2019 12:44:33 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .16820
Stddev	.36200
%RSD	215.22

#1	-.16974
#2	.12411
#3	.55023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4964.9	72113.	4325.1	77.152	5410.2
Stddev	11.2	374.	13.6	1.003	12.7
%RSD	.22652	.51832	.31430	1.3000	.23510

#1	4952.4	72388.	4310.1	77.034	5396.1
#2	4968.2	72263.	4336.5	76.214	5414.0
#3	4974.2	71687.	4328.9	78.209	5420.7

Sample Name: K2335-02 Acquired: 4/15/2019 12:49:04 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00021	-.00163	.00303	-.00087	-.00435	.02920	.00001
Stddev	.00075	.00030	.00075	.00294	.00050	.00965	.00084	.00002
%RSD	144.65	143.61	46.243	97.269	57.113	222.04	2.8755	177.89

#1	-.00124	-.00001	-.00098	.00550	-.00047	-.00809	.02836	.00001
#2	.00026	.00055	-.00245	-.00023	-.00143	.00662	.03004	.00004
#3	-.00058	.00009	-.00144	.00382	-.00072	-.01157	.02919	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	16.830	-.00013	.00009	.00005	.01283	.10681	1.4519
Stddev	.00007	.053	.00018	.00008	.00018	.00031	.00082	.0299
%RSD	8638.5	.31735	137.43	89.356	362.53	2.3853	.76707	2.0589

#1	.00008	16.840	-.00018	.00018	-.00000	.01280	.10773	1.4661
#2	-.00007	16.772	.00007	.00001	-.00010	.01315	.10655	1.4175
#3	-.00002	16.877	-.00029	.00009	.00025	.01254	.10616	1.4720

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00022	46.590	.00013	.02161	2.3537	.00062	.00628
Stddev	.00044	.00045	.157	.00021	.00160	.0262	.00024	.01585
%RSD	173.03	203.31	.33649	159.89	7.3976	1.1125	38.463	252.53

#1	-.00001	-.00071	46.749	-.00010	.02063	2.3806	.00074	-.00630
#2	-.00076	.00018	46.587	.00031	.02074	2.3521	.00035	.00106
#3	.00001	-.00013	46.435	.00018	.02345	2.3283	.00078	.02407

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2855	.83291	-.00159	.00066	.00084	-.0030	.12501	3.2767
Stddev	.0106	.00771	.00018	.00161	.00233	.0010	.00025	.0265
%RSD	.32145	.92527	11.417	245.02	277.53	32.55	.20128	.80740

#1	3.2972	.83215	-.00140	.00159	-.00181	-.0024	.12523	3.3052
#2	3.2827	.82562	-.00160	-.00120	.00258	-.0024	.12474	3.2720
#3	3.2767	.84097	-.00176	.00158	.00175	-.0041	.12505	3.2529

Sample Name: K2335-02 Acquired: 4/15/2019 12:49:04 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV30755L Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .75329
 Stddev .33672
 %RSD 44.700

#1 .41198
 #2 .76265
 #3 1.0852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4785.6	69694.	4280.9	75.889	4983.9
Stddev	6.6	186.	13.4	1.495	9.5
%RSD	.13788	.26729	.31353	1.9697	.18969

#1	4782.3	69509.	4284.9	74.165	4979.0
#2	4781.2	69881.	4291.9	76.815	4977.9
#3	4793.2	69693.	4266.0	76.689	4994.8

Sample Name: K2335-02DUP Acquired: 4/15/2019 12:53:28 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00023	-.00099	.00109	-.00182	-.00714	.02977	-.00004
Stddev	.00140	.00119	.00057	.00106	.00080	.01325	.00117	.00005
%RSD	776.14	513.30	57.734	96.869	43.839	185.51	3.9377	124.31

#1	-.00043	.00032	-.00087	-.00007	-.00274	-.02188	.02951	.00002
#2	.00133	-.00100	-.00049	.00199	-.00137	.00377	.02875	-.00005
#3	-.00144	.00137	-.00161	.00136	-.00135	-.00331	.03105	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	17.540	.00008	-.00004	-.00015	.01252	.11154	1.4962
Stddev	.00004	.088	.00018	.00016	.00023	.00012	.00036	.0636
%RSD	141.28	.49903	230.42	439.48	146.38	.93372	.31898	4.2508

#1	.00002	17.529	-.00011	-.00020	-.00031	.01255	.11168	1.4430
#2	-.00004	17.459	.00026	.00012	-.00026	.01261	.11180	1.4790
#3	-.00006	17.633	.00009	-.00002	.00010	.01239	.11113	1.5666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	.00031	48.417	.00012	.02353	2.4097	.00057	.00376
Stddev	.00031	.00046	.318	.00025	.00019	.0286	.00018	.00672
%RSD	64.151	149.31	.65692	196.66	.82788	1.1870	30.976	178.71

#1	-.00044	.00081	48.352	.00040	.02344	2.3868	.00072	.00846
#2	-.00020	-.00009	48.138	.00002	.02340	2.4005	.00038	-.00394
#3	-.00082	.00020	48.763	-.00005	.02375	2.4417	.00061	.00676

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3953	.87220	-.00170	.00160	.00241	-.0014	.13043	3.3146
Stddev	.0232	.00380	.00039	.00264	.00131	.0008	.00060	.1084
%RSD	.68222	.43611	23.087	164.50	54.243	54.37	.46040	3.2707

#1	3.3916	.87481	-.00171	.00075	.00370	-.0022	.13106	3.2511
#2	3.3742	.87395	-.00131	-.00050	.00245	-.0006	.12987	3.4398
#3	3.4201	.86783	-.00209	.00456	.00109	-.0015	.13036	3.2529

Sample Name: K2335-02DUP Acquired: 4/15/2019 12:53:28 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LDUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1083
Stddev .1386
%RSD 12.503

#1 1.2321
#2 1.1342
#3 .95861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4733.8	68836.	4213.0	73.196	4911.6
Stddev	2.5	288.	34.2	2.280	9.5
%RSD	.05247	.41910	.81180	3.1151	.19372

#1	4731.0	68674.	4174.6	73.280	4903.6
#2	4734.8	69169.	4240.3	70.875	4922.1
#3	4735.7	68664.	4224.1	75.433	4909.1

Sample Name: K2335-02LX5 Acquired: 4/15/2019 12:57:55 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00103	-.00243	-.00134	-.00148	-.01113	.00578	.00005
Stddev	.00065	.00076	.00022	.00204	.00176	.00513	.00062	.00008
%RSD	76.109	73.161	9.0789	152.30	118.77	46.108	10.782	156.64

#1	-.00082	.00186	-.00255	.00101	-.00077	-.01551	.00510	.00006
#2	-.00022	.00087	-.00257	-.00235	-.00019	-.00548	.00592	.00013
#3	-.00152	.00038	-.00218	-.00267	-.00348	-.01240	.00632	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.5211	-.00011	-.00008	.00012	.00407	.02294	.26062
Stddev	.00003	.0234	.00043	.00002	.00024	.00044	.00007	.03303
%RSD	507.35	.66477	389.79	24.156	195.52	10.817	.29304	12.675

#1	.00002	3.5225	-.00057	-.00010	-.00014	.00456	.02291	.26051
#2	-.00004	3.5439	.00027	-.00008	.00019	.00395	.02289	.22764
#3	.00000	3.4971	-.00003	-.00006	.00032	.00370	.02301	.29371

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00032	9.6178	.00008	.00518	.40998	-.00020	-.00304
Stddev	.00014	.00018	.0299	.00014	.00009	.01629	.00015	.00790
%RSD	89.801	57.251	.31042	164.73	1.7106	3.9722	75.930	259.45

#1	-.00018	.00052	9.6128	-.00007	.00528	.42572	-.00009	.00599
#2	-.00027	.00017	9.5907	.00020	.00516	.39320	-.00014	-.00865
#3	-.00000	.00026	9.6498	.00011	.00511	.41103	-.00037	-.00647

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65688	.17884	-.00167	.00313	-.00087	-.0038	.02588	2.4717
Stddev	.00295	.00206	.00025	.00286	.00186	.0007	.00006	.0792
%RSD	.44850	1.1492	14.963	91.473	213.67	19.28	.21625	3.2048

#1	.65863	.17912	-.00159	.00004	-.00291	-.0042	.02587	2.4531
#2	.65348	.18073	-.00195	.00569	-.00041	-.0030	.02594	2.4034
#3	.65854	.17665	-.00147	.00367	.00071	-.0043	.02583	2.5585

Sample Name: K2335-02LX5 Acquired: 4/15/2019 12:57:55 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8124 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.51414
Stddev	.18163
%RSD	35.328

#1	.30672
#2	.59095
#3	.64475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4928.7	71188.	4344.6	76.634	5272.2
Stddev	2.5	196.	17.5	.992	7.9
%RSD	.05060	.27463	.40341	1.2949	.14971

#1	4925.9	71194.	4329.7	75.924	5266.0
#2	4929.5	71381.	4340.1	76.210	5281.1
#3	4930.7	70990.	4363.9	77.768	5269.4

Sample Name: K2335-02MS Acquired: 4/15/2019 13:02:22 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LMS 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	.75463	1.9636	.94816	1.9799	.76731	2.0033	.23263	.20375	.18813
Stddev	.00121	.0119	.00095	.0025	.00448	.0273	.00216	.00024	.00044
%RSD	.16048	.60768	.10016	.12517	.58437	1.3606	.92727	.11914	.23225

#1	.75349	1.9654	.94924	1.9827	.76717	1.9772	.23021	.20365	.18863
#2	.75590	1.9745	.94746	1.9784	.76290	2.0013	.23330	.20357	.18794
#3	.75451	1.9509	.94777	1.9785	.77186	2.0316	.23437	.20402	.18781

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.628	.41597	.19597	.31115	3.0742	.30639	3.4372	.48984	.07182
Stddev	.054	.00110	.00044	.00022	.0065	.00017	.0159	.00031	.00020
%RSD	.32209	.26456	.22270	.07150	.21118	.05495	.46236	.06417	.27976

#1	16.585	.41514	.19647	.31124	3.0776	.30620	3.4190	.49020	.07161
#2	16.611	.41722	.19566	.31089	3.0784	.30647	3.4486	.48963	.07183
#3	16.688	.41555	.19579	.31131	3.0667	.30651	3.4439	.48969	.07201

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	46.641	.31021	.20964	11.974	.40353	.31924	3.0409	1.6653	.66984
Stddev	.247	.00092	.00027	.084	.00034	.01364	.0194	.0209	.00052
%RSD	.53048	.29657	.12848	.70030	.08461	4.2734	.63763	1.2527	.07735

#1	46.356	.31090	.20942	11.940	.40314	.30894	3.0341	1.6829	.66953
#2	46.774	.30917	.20994	12.069	.40364	.31406	3.0628	1.6708	.66955
#3	46.794	.31056	.20956	11.911	.40380	.33471	3.0258	1.6423	.67044

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20345	.19582	5.620	.30764	2.9803	.29525
Stddev	.00189	.00068	.025	.00010	.0299	.09621
%RSD	.92933	.34493	.4444	.03343	1.0024	32.585

#1	.20561	.19574	5.617	.30756	3.0147	.20979
#2	.20213	.19654	5.647	.30776	2.9654	.27652
#3	.20260	.19520	5.597	.30761	2.9609	.39945

Sample Name: K2335-02MS Acquired: 4/15/2019 13:02:22 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV30755LMS 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	4823.9	69307.	4307.9	75.655	4937.6
Stddev	4.7	97.	23.8	.452	13.7
%RSD	.09804	.14041	.55213	.59718	.27680
#1	4826.3	69195.	4280.4	75.485	4937.1
#2	4818.5	69350.	4320.8	75.313	4924.2
#3	4827.1	69375.	4322.4	76.167	4951.5

Sample Name: K2335-02MSD Acquired: 4/15/2019 13:06:23 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80536	2.0993	1.0122	2.1063	.81819	2.1582	.24538	.21684
Stddev	.00769	.0147	.0007	.0128	.00139	.0210	.00141	.00046
%RSD	.95425	.69780	.06545	.60876	.17010	.97251	.57351	.21061
#1	.80904	2.0889	1.0118	2.1189	.81842	2.1358	.24376	.21712
#2	.81052	2.1160	1.0130	2.1067	.81945	2.1614	.24634	.21631
#3	.79653	2.0929	1.0119	2.0933	.81669	2.1774	.24603	.21709
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20154	16.692	.44574	.21029	.33232	3.2896	.31983	3.5135
Stddev	.00022	.041	.00093	.00039	.00033	.0077	.00098	.0863
%RSD	.10702	.24270	.20773	.18660	.09970	.23327	.30567	2.4557
#1	.20167	16.703	.44674	.20985	.33195	3.2889	.32022	3.4540
#2	.20165	16.727	.44491	.21039	.33242	3.2822	.31871	3.4741
#3	.20129	16.648	.44556	.21062	.33259	3.2976	.32055	3.6125
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52547	.07681	46.512	.33161	.22237	12.568	.42926	.33463
Stddev	.00082	.00033	.301	.00043	.00027	.052	.00064	.00749
%RSD	.15528	.42907	.64700	.13043	.12309	.41114	.14972	2.2397
#1	.52553	.07715	46.166	.33147	.22239	12.595	.42973	.33244
#2	.52462	.07680	46.653	.33127	.22263	12.601	.42952	.32847
#3	.52625	.07649	46.716	.33210	.22208	12.509	.42852	.34297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0130	1.7234	.71325	.21746	.21417	5.993	.32183	3.1399
Stddev	.0014	.0246	.00258	.00104	.00259	.019	.00156	.1106
%RSD	.04761	1.4269	.36209	.48024	1.2097	.3105	.48547	3.5215
#1	3.0130	1.7516	.71267	.21683	.21716	5.982	.32345	3.2664
#2	3.0145	1.7066	.71607	.21866	.21271	6.015	.32173	3.0919
#3	3.0116	1.7120	.71100	.21688	.21264	5.983	.32033	3.0614

Sample Name: K2335-02MSD Acquired: 4/15/2019 13:06:23 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SV30755LMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.12965
%RSD	466.54

#1	-.17011
#2	.08359
#3	.00314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4746.3	68417.	4234.7	73.478	4850.6
Stddev	7.2	57.	36.8	1.602	2.7
%RSD	.15097	.08286	.87003	2.1806	.05467

#1	4738.8	68481.	4192.9	72.880	4850.5
#2	4747.1	68373.	4248.6	72.261	4847.9
#3	4753.0	68398.	4262.5	75.294	4853.2

Sample Name: K2335-02A Acquired: 4/15/2019 13:10:24 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8126 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	.77718	2.0199	.97584	2.0296	.79085	2.0665	.23945	.20975	.19391
Stddev	.00248	.0085	.00448	.0079	.00145	.0026	.00053	.00043	.00062
%RSD	.31862	.41980	.45890	.38834	.18348	.12518	.21992	.20282	.31784

#1	.77600	2.0263	.97395	2.0352	.79061	2.0635	.23906	.20926	.19371
#2	.77552	2.0102	.97261	2.0205	.78953	2.0676	.24005	.20995	.19342
#3	.78003	2.0230	.98095	2.0329	.79240	2.0683	.23925	.21003	.19460

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.763	.42956	.20173	.31956	3.1705	.31295	3.4690	.50499	.07384
Stddev	.085	.00100	.00052	.00054	.0032	.00076	.0641	.00121	.00062
%RSD	.50642	.23346	.25844	.16930	.10244	.24366	1.8482	.23986	.83920

#1	16.746	.42926	.20185	.31997	3.1703	.31207	3.4133	.50574	.07397
#2	16.855	.43068	.20116	.31894	3.1739	.31334	3.5391	.50359	.07438
#3	16.688	.42874	.20219	.31976	3.1674	.31343	3.4548	.50564	.07316

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	46.932	.31972	.21591	12.178	.41548	.33280	3.0404	1.6951	.69375
Stddev	.157	.00062	.00083	.038	.00126	.00281	.0085	.0213	.00271
%RSD	.33536	.19321	.38362	.31029	.30304	.84574	.27886	1.2555	.39097

#1	46.864	.32037	.21662	12.191	.41579	.33480	3.0415	1.7157	.69474
#2	47.112	.31965	.21500	12.136	.41409	.33401	3.0314	1.6964	.69068
#3	46.820	.31914	.21613	12.208	.41655	.32958	3.0483	1.6732	.69583

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20919	.20286	5.788	.31451	3.3127	.06250
Stddev	.00073	.00302	.019	.00131	.0380	.13427
%RSD	.34968	1.4871	.3216	.41551	1.1464	214.83

#1	.20909	.20621	5.797	.31601	3.2994	.01787
#2	.20996	.20037	5.767	.31362	3.2831	-.04377
#3	.20851	.20200	5.801	.31390	3.3555	.21340

Sample Name: K2335-02A Acquired: 4/15/2019 13:10:24 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8126 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	4758.2	68375.	4245.3	74.946	4862.6
Stddev	4.3	145.	24.4	1.503	2.5
%RSD	.09130	.21144	.57499	2.0060	.05088
#1	4756.6	68308.	4217.4	75.830	4865.2
#2	4754.9	68276.	4255.7	73.210	4862.6
#3	4763.1	68540.	4262.8	75.798	4860.2

Sample Name: K2316-11DLX10 Acquired: 4/15/2019 13:14:26 Type: Unk
Method: P4-ICP2(v3049) 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	-.00344	.00626	.03812	.00774	.00120	35.117	.02801	.00630
Stddev	.00217	.00075	.00104	.00153	.00178	.146	.00026	.00007
%RSD	63.157	12.054	2.7341	19.733	148.45	.41627	.91425	1.0350
#1	-.00305	.00687	.03709	.00827	.00324	35.041	.02795	.00623
#2	-.00579	.00541	.03810	.00602	.00035	35.024	.02829	.00635
#3	-.00149	.00649	.03918	.00894	.00000	35.285	.02779	.00632
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	186.68	.29274	.01838	.01602	109.35	1.2988	24.591
Stddev	.00014	1.03	.00031	.00016	.00024	.20	.0008	.339
%RSD	25.844	.55427	.10715	.88990	1.5006	.18411	.06116	1.3796
#1	.00048	187.83	.29268	.01820	.01620	109.53	1.2982	24.216
#2	.00072	186.38	.29247	.01852	.01612	109.13	1.2997	24.877
#3	.00047	185.83	.29308	.01842	.01575	109.40	1.2986	24.680
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06958	.00888	39.152	.21384	1.4965	10.865	-.00164	.16315
Stddev	.00036	.00021	.057	.00088	.0034	.075	.00018	.02058
%RSD	.51498	2.3305	.14545	.41202	.22408	.69297	10.702	12.612
#1	.06936	.00875	39.089	.21330	1.4994	10.800	-.00184	.15447
#2	.06999	.00912	39.200	.21336	1.4973	10.848	-.00152	.14834
#3	.06939	.00877	39.167	.21486	1.4928	10.947	-.00156	.18665
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 294.00	F 43.396	-.10827	.19385	.04022	9.673	1.3409	2.4199
Stddev	1.26	.476	.00104	.00028	.00118	.023	.0082	.1880
%RSD	.42720	1.0978	.95738	.14264	2.9313	.2413	.61265	7.7706
#1	295.18	42.982	-.10924	.19374	.04127	9.696	1.3502	2.2045
#2	294.14	43.290	-.10837	.19365	.04046	9.672	1.3379	2.5509
#3	292.68	43.917	-.10718	.19417	.03895	9.650	1.3346	2.5045

Sample Name: K2316-11DLX10 Acquired: 4/15/2019 13:14:26 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	40.220
Stddev	.560
%RSD	1.3932

#1	40.299
#2	39.625
#3	40.737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4863.4	70060.	4440.0	70.775	4500.7
Stddev	10.9	79.	28.5	1.865	8.5
%RSD	.22378	.11308	.64203	2.6351	.18980

#1	4853.7	70031.	4407.2	69.212	4490.9
#2	4875.2	70149.	4454.8	72.839	4504.3
#3	4861.3	69998.	4458.1	70.274	4506.8

Sample Name: K2316-11DUPDLX10 Acquired: 4/15/2019 13:18:48 Type: Unk
Method: P4-ICP2(v3049) 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	-.00278	.00593	.03556	.00791	.00321	33.644	.02628	.00580
Stddev	.00291	.00021	.00097	.00322	.00048	.303	.00061	.00006
%RSD	104.78	3.4641	2.7358	40.687	15.068	.90091	2.3321	1.1148
#1	-.00572	.00571	.03466	.00419	.00293	33.304	.02585	.00580
#2	.00010	.00597	.03659	.00968	.00377	33.885	.02601	.00587
#3	-.00272	.00611	.03543	.00985	.00293	33.744	.02698	.00574
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	176.11	.27573	.01722	.01392	104.58	1.2361	23.480
Stddev	.00018	.44	.00239	.00007	.00034	.91	.0087	.142
%RSD	54.096	.24892	.86706	.37981	2.4395	.86851	.70740	.60518
#1	.00052	175.93	.27315	.01730	.01411	103.74	1.2287	23.359
#2	.00016	175.79	.27616	.01719	.01352	105.54	1.2457	23.636
#3	.00034	176.61	.27787	.01718	.01411	104.46	1.2338	23.444
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06604	.00902	37.406	.20079	1.4079	10.402	-.00130	.14972
Stddev	.00028	.00028	.356	.00127	.0012	.067	.00003	.00625
%RSD	.42664	3.0583	.95253	.63279	.08381	.64202	2.1755	4.1736
#1	.06612	.00934	37.020	.20024	1.4085	10.333	-.00130	.14372
#2	.06628	.00886	37.722	.20224	1.4087	10.407	-.00127	.14925
#3	.06573	.00886	37.477	.19988	1.4066	10.466	-.00133	.15619
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 275.96	F 43.543	-.10182	.18129	.03777	9.110	1.2646	2.2840
Stddev	.74	.154	.00032	.00289	.00262	.020	.0039	.1156
%RSD	.26698	.35472	.31863	1.5946	6.9457	.2146	.30834	5.0596
#1	275.36	43.404	-.10200	.18214	.03648	9.092	1.2637	2.3104
#2	275.74	43.516	-.10201	.17808	.03604	9.108	1.2613	2.3841
#3	276.78	43.709	-.10144	.18367	.04079	9.131	1.2689	2.1575

Sample Name: K2316-11DUPDLX10 Acquired: 4/15/2019 13:18:48 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.185
Stddev	.418
%RSD	1.0946

#1	38.362
#2	37.707
#3	38.485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4905.4	69715.	4474.8	73.443	4557.8
Stddev	15.7	447.	8.0	.162	11.7
%RSD	.31956	.64179	.17913	.22106	.25613

#1	4892.7	70118.	4465.7	73.367	4552.5
#2	4900.5	69234.	4480.9	73.332	4549.7
#3	4922.9	69793.	4477.6	73.629	4571.2

Sample Name: K2316-11LDLX50 Acquired: 4/15/2019 13:23:11 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00211	.00620	.00317	-.00144	7.0676	.00529	.00127
Stddev	.00110	.00076	.00096	.00095	.00038	.0367	.00005	.00005
%RSD	3365.8	35.786	15.414	30.062	26.453	.51927	.97830	4.2769
#1	.00118	.00299	.00612	.00243	-.00159	7.0431	.00528	.00133
#2	-.00007	.00169	.00720	.00283	-.00101	7.1098	.00525	.00122
#3	-.00101	.00166	.00529	.00424	-.00172	7.0498	.00535	.00126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	38.577	.06076	.00327	.00282	24.384	.27041	5.0193
Stddev	.00003	.209	.00070	.00009	.00040	.047	.00016	.0256
%RSD	8.0176	.54279	1.1490	2.6177	14.188	.19071	.06084	.51006
#1	-.00038	38.773	.05995	.00319	.00324	24.332	.27060	5.0007
#2	-.00042	38.356	.06121	.00326	.00277	24.422	.27029	5.0485
#3	-.00045	38.601	.06111	.00336	.00245	24.397	.27035	5.0088
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01318	.00219	7.6189	.04332	.27602	2.0648	-.00075	.01325
Stddev	.00018	.00029	.0292	.00032	.00025	.0041	.00042	.00751
%RSD	1.3942	13.338	.38342	.74859	.09030	.19991	55.431	56.676
#1	.01332	.00252	7.5965	.04295	.27614	2.0628	-.00083	.02178
#2	.01324	.00209	7.6520	.04345	.27574	2.0696	-.00113	.00762
#3	.01297	.00196	7.6082	.04356	.27619	2.0621	-.00031	.01036
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.977	9.8093	-.02123	.04081	.00563	1.766	.27286	2.4489
Stddev	.144	.0614	.00056	.00060	.00179	.005	.00069	.0804
%RSD	.26636	.62627	2.6286	1.4607	31.707	.2912	.25315	3.2815
#1	54.142	9.8505	-.02101	.04127	.00531	1.768	.27356	2.5343
#2	53.912	9.7387	-.02081	.04013	.00755	1.761	.27218	2.4376
#3	53.878	9.8387	-.02186	.04102	.00402	1.770	.27285	2.3747

Sample Name: K2316-11LDLX50 Acquired: 4/15/2019 13:23:11 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.0051
Stddev	.4083
%RSD	4.5339

#1	8.6379
#2	8.9326
#3	9.4447

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4946.0	70678.	4364.8	76.504	5101.9
Stddev	9.4	186.	25.0	2.153	.7
%RSD	.18960	.26324	.57198	2.8141	.01422

#1	4948.1	70731.	4336.8	74.056	5102.0
#2	4935.7	70472.	4384.8	78.103	5101.1
#3	4954.1	70832.	4372.7	77.354	5102.5

Sample Name: K2316-11MSDLX10 Acquired: 4/15/2019 13:27:29 Type: Unk
Method: P4-ICP2(v3049) 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	.06690	.19453	.12612	.18014	.07681	31.247	.04373	.02487
Stddev	.00034	.00115	.00052	.00090	.00129	.130	.00027	.00004
%RSD	.50453	.59126	.41321	.50057	1.6847	.41523	.60752	.14993
#1	.06656	.19559	.12569	.18050	.07638	31.119	.04367	.02484
#2	.06723	.19331	.12670	.17912	.07826	31.378	.04349	.02491
#3	.06692	.19469	.12598	.18081	.07578	31.243	.04402	.02486
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01925	163.94	.29604	.03526	.04144	97.679	1.1722	21.960
Stddev	.00007	.31	.00069	.00010	.00076	.283	.0006	.100
%RSD	.38127	.18931	.23356	.29695	1.8350	.28934	.05362	.45590
#1	.01922	163.77	.29653	.03537	.04221	97.357	1.1719	21.862
#2	.01920	163.75	.29633	.03523	.04069	97.884	1.1717	22.062
#3	.01933	164.30	.29525	.03517	.04140	97.796	1.1729	21.955
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10955	.01518	34.768	.21598	1.3295	10.487	.03583	.18192
Stddev	.00027	.00035	.194	.00046	.0008	.065	.00033	.00681
%RSD	.24546	2.2958	.55687	.21096	.06075	.61513	.92797	3.7454
#1	.10924	.01485	34.552	.21647	1.3286	10.486	.03563	.18901
#2	.10967	.01516	34.927	.21557	1.3300	10.552	.03565	.18135
#3	.10974	.01555	34.824	.21590	1.3299	10.423	.03622	.17542
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 258.25	F 40.671	-.02979	.18931	.05282	9.091	1.1896	2.3565
Stddev	.33	.125	.00078	.00066	.00081	.019	.0016	.1600
%RSD	.12876	.30784	2.6180	.34687	1.5276	.2121	.13101	6.7891
#1	257.87	40.674	-.02922	.18868	.05348	9.072	1.1894	2.2394
#2	258.40	40.544	-.03068	.18999	.05306	9.090	1.1881	2.2913
#3	258.48	40.794	-.02947	.18925	.05192	9.111	1.1912	2.5388

Sample Name: K2316-11MSDLX10 Acquired: 4/15/2019 13:27:29 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.192
Stddev	.488
%RSD	1.3878

#1	35.196
#2	34.702
#3	35.679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4905.0	70229.	4469.2	72.881	4588.2
Stddev	14.3	192.	23.8	.950	6.9
%RSD	.29149	.27313	.53303	1.3029	.15123

#1	4890.0	70207.	4442.2	71.883	4586.8
#2	4906.4	70048.	4478.3	72.987	4582.0
#3	4918.5	70430.	4487.2	73.773	4595.7

Sample Name: CCV02 Acquired: 4/15/2019 13:31:49 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9484	5.1575	5.0182	5.1146	5.0264	10.479	10.406	.26283
Stddev	.0118	.0152	.0045	.0172	.0130	.104	.019	.00107
%RSD	.23839	.29417	.09038	.33664	.25940	.99615	.18403	.40829
#1	4.9482	5.1641	5.0228	5.1094	5.0303	10.422	10.391	.26267
#2	4.9368	5.1402	5.0138	5.1006	5.0119	10.415	10.400	.26398
#3	4.9604	5.1683	5.0179	5.1338	5.0371	10.599	10.427	.26185
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5098	25.916	1.0501	2.5254	1.2816	5.1094	2.6464	26.125
Stddev	.0045	.202	.0024	.0050	.0006	.0113	.0077	.107
%RSD	.17794	.77797	.23140	.19902	.04719	.22016	.29112	.40964
#1	2.5149	25.688	1.0522	2.5304	1.2817	5.0988	2.6405	26.056
#2	2.5065	26.069	1.0506	2.5253	1.2809	5.1212	2.6551	26.070
#3	2.5079	25.992	1.0474	2.5204	1.2821	5.1083	2.6437	26.248
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5375	1.2991	26.106	2.5747	2.5299	25.195	5.0682	5.2164
Stddev	.0049	.0020	.168	.0039	.0037	.137	.0085	.0608
%RSD	.19272	.15085	.64322	.15147	.14425	.54415	.16761	1.1653
#1	2.5417	1.3000	25.917	2.5736	2.5340	25.115	5.0701	5.1466
#2	2.5322	1.3005	26.163	2.5791	2.5285	25.118	5.0590	5.2576
#3	2.5387	1.2969	26.238	2.5715	2.5271	25.354	5.0757	5.2451
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9088	5.1860	5.0171	5.1305	5.0286	5.170	5.0730	F 3.3340
Stddev	.0171	.0303	.0153	.0367	.0147	.016	.0252	.2645
%RSD	.34816	.58473	.30578	.71609	.29153	.3117	.49761	7.9325
#1	4.9285	5.1970	5.0278	5.0948	5.0139	5.186	5.0447	3.0319
#2	4.8997	5.2092	4.9995	5.1285	5.0286	5.153	5.0932	3.5238
#3	4.8982	5.1517	5.0241	5.1682	5.0432	5.171	5.0811	3.4464

Sample Name: CCV02 Acquired: 4/15/2019 13:31:49 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8958
Stddev .2922
%RSD 10.090

#1 3.1665
#2 2.9348
#3 2.5861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4688.4	66415.	4201.1	70.706	4573.0
Stddev	1.2	143.	9.0	1.821	10.5
%RSD	.02638	.21554	.21355	2.5747	.22979

#1	4687.1	66286.	4194.0	71.316	4561.5
#2	4689.5	66569.	4198.2	68.659	4575.1
#3	4688.5	66390.	4211.2	72.143	4582.2

Sample Name: CCB02 Acquired: 4/15/2019 13:35:52 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	.00086	-.00185	.00099	-.00081	-.01692	.00053	.00003
Stddev	.00010	.00083	.00038	.00215	.00189	.00428	.00025	.00005
%RSD	9.4919	96.872	20.737	217.01	234.73	25.288	47.233	208.36
#1	-.00116	.00154	-.00203	.00293	-.00110	-.02077	.00034	.00008
#2	-.00096	.00111	-.00141	-.00132	-.00253	-.01231	.00044	-.00003
#3	-.00109	-.00007	-.00211	.00136	.00121	-.01769	.00082	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00596	-.00035	.00004	-.00036	.00180	.00010	-.01330
Stddev	.00004	.00377	.00022	.00031	.00009	.00031	.00004	.03341
%RSD	36.425	63.306	64.694	738.39	23.941	17.342	39.540	251.20
#1	.00015	.00933	-.00045	-.00020	-.00042	.00216	.00011	-.03260
#2	.00008	.00188	-.00050	-.00007	-.00026	.00163	.00005	-.03257
#3	.00008	.00666	-.00009	.00039	-.00040	.00161	.00013	.02528
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00046	-.13516	-.00000	-.00012	-.08340	.00019	-.00530
Stddev	.00027	.00016	.00556	.00025	.00004	.04058	.00026	.00601
%RSD	90.926	33.901	4.1145	6377.7	37.548	48.653	139.91	113.44
#1	-.00031	.00047	-.13771	.00020	-.00017	-.05617	.00040	-.00800
#2	-.00056	.00062	-.12878	-.00028	-.00008	-.13004	.00026	.00159
#3	-.00002	.00030	-.13899	.00007	-.00010	-.06400	-.00010	-.00948
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01362	.02034	-.00052	.00370	-.00094	-.0038	-.00046	F 2.0658
Stddev	.00123	.00158	.00040	.00049	.00105	.0008	.00009	.0267
%RSD	9.0336	7.7521	76.691	13.216	111.31	19.92	19.512	1.2946
#1	.01458	.02204	-.00007	.00315	-.00005	-.0040	-.00056	2.0791
#2	.01404	.01893	-.00068	.00409	-.00210	-.0030	-.00040	2.0833
#3	.01223	.02005	-.00081	.00386	-.00067	-.0045	-.00041	2.0350

Sample Name: CCB02 Acquired: 4/15/2019 13:35:52 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .49995
Stddev .44402
%RSD 88.813

#1 .08021
#2 .45483
#3 .96480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4921.2	70158.	4258.2	75.036	5322.4
Stddev	7.0	85.	10.2	.682	4.3
%RSD	.14278	.12101	.24025	.90831	.08025

#1	4926.9	70075.	4263.4	75.241	5321.1
#2	4923.2	70245.	4264.9	75.591	5327.2
#3	4913.3	70154.	4246.5	74.275	5319.0

Sample Name: K2316-11MSDDLX10 Acquired: 4/15/2019 13:40:21 Type: Unk
Method: P4-ICP2(v3049) 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	.07067	.20508	.13202	.18960	.07797	32.744	.04565	.02598
Stddev	.00209	.00213	.00116	.00313	.00083	.180	.00035	.00010
%RSD	2.9622	1.0398	.88095	1.6498	1.0673	.55059	.76003	.40218
#1	.07228	.20337	.13208	.19034	.07819	32.854	.04572	.02598
#2	.06830	.20747	.13082	.19229	.07867	32.843	.04596	.02609
#3	.07142	.20441	.13314	.18617	.07705	32.536	.04527	.02588
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02026	171.00	.30923	.03711	.04241	101.68	1.2242	23.090
Stddev	.00008	.28	.00038	.00017	.00027	.51	.0013	.049
%RSD	.40482	.16664	.12380	.46855	.64676	.49758	.10621	.21248
#1	.02035	171.30	.30892	.03712	.04252	102.01	1.2233	23.081
#2	.02020	170.97	.30966	.03693	.04261	101.09	1.2236	23.142
#3	.02022	170.74	.30912	.03728	.04210	101.92	1.2257	23.045
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11498	.01565	36.431	.22542	1.3926	10.967	.03757	.17593
Stddev	.00049	.00033	.267	.00080	.0012	.024	.00026	.01107
%RSD	.42726	2.1114	.73181	.35591	.08379	.22039	.68614	6.2901
#1	.11530	.01602	36.584	.22450	1.3939	10.993	.03777	.17946
#2	.11441	.01557	36.586	.22594	1.3916	10.963	.03765	.16353
#3	.11522	.01538	36.124	.22582	1.3923	10.945	.03728	.18480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 269.11	F 42.034	-.03011	.19727	.05467	9.568	1.2343	2.4244
Stddev	1.25	.493	.00058	.00142	.00062	.043	.0038	.0177
%RSD	.46343	1.1729	1.9366	.72192	1.1379	.4487	.30552	.73048
#1	269.96	41.721	-.03071	.19614	.05397	9.615	1.2384	2.4364
#2	269.69	41.779	-.03008	.19681	.05490	9.560	1.2336	2.4327
#3	267.68	42.602	-.02955	.19887	.05515	9.530	1.2310	2.4041

Sample Name: K2316-11MSDDLX10 Acquired: 4/15/2019 13:40:21 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	36.332
Stddev	.483
%RSD	1.3296

#1	35.875
#2	36.283
#3	36.837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4896.6	69654.	4456.2	72.222	4552.1
Stddev	8.9	210.	22.3	1.104	5.6
%RSD	.18094	.30159	.50128	1.5289	.12306

#1	4887.0	69419.	4449.2	73.394	4545.6
#2	4904.5	69720.	4481.2	72.072	4555.6
#3	4898.2	69823.	4438.2	71.201	4555.0

Sample Name: K2316-11ADLX10 Acquired: 4/15/2019 13:44:42 Type: Unk
Method: P4-ICP2(v3049) 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	.07401	.21393	.13854	.21053	.07881	34.758	.04914	.02715
Stddev	.00095	.00108	.00063	.00295	.00068	.075	.00197	.00022
%RSD	1.2800	.50321	.45255	1.3992	.86147	.21596	4.0161	.81894
#1	.07479	.21422	.13926	.21080	.07852	34.675	.04778	.02735
#2	.07429	.21274	.13820	.20746	.07959	34.778	.05140	.02719
#3	.07296	.21484	.13815	.21334	.07833	34.821	.04823	.02691
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02123	181.05	.32594	.03878	.04386	106.51	1.2928	24.269
Stddev	.00005	1.02	.00301	.00026	.00049	.29	.0011	.082
%RSD	.25481	.56373	.92490	.65876	1.1176	.26781	.08300	.33841
#1	.02124	179.87	.32917	.03896	.04414	106.64	1.2940	24.201
#2	.02118	181.60	.32546	.03849	.04329	106.71	1.2926	24.360
#3	.02129	181.67	.32320	.03890	.04414	106.18	1.2919	24.246
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12049	.01592	38.655	.23891	1.4748	11.608	.03686	.18693
Stddev	.00054	.00010	.253	.00125	.0024	.046	.00009	.00281
%RSD	.44688	.62258	.65450	.52363	.16225	.39356	.23708	1.5024
#1	.12109	.01582	38.394	.23919	1.4728	11.559	.03696	.18401
#2	.12004	.01592	38.899	.24000	1.4742	11.649	.03685	.18716
#3	.12035	.01602	38.673	.23754	1.4775	11.617	.03678	.18961
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 284.61	F 44.859	-.03557	.20766	.05928	F 10.13	1.3103	2.5073
Stddev	.65	.332	.00119	.00122	.00129	.04	.0064	.0795
%RSD	.22996	.74055	3.3407	.58641	2.1720	.3549	.48713	3.1710
#1	284.30	44.725	-.03446	.20681	.05829	10.13	1.3031	2.4381
#2	284.17	44.615	-.03542	.20712	.05881	10.09	1.3131	2.4898
#3	285.36	45.237	-.03682	.20906	.06073	10.16	1.3149	2.5941

Sample Name: K2316-11ADLX10 Acquired: 4/15/2019 13:44:42 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	38.385
Stddev	.026
%RSD	.06686

#1	38.401
#2	38.398
#3	38.355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4893.8	69630.	4454.3	72.530	4530.4
Stddev	6.5	209.	9.8	.666	1.3
%RSD	.13352	.30010	.22036	.91764	.02907

#1	4886.7	69498.	4444.6	73.268	4530.3
#2	4895.3	69521.	4464.3	71.975	4531.8
#3	4899.5	69871.	4454.1	72.348	4529.1

Sample Name: K2316-12DLX10 Acquired: 4/15/2019 13:49:01 Type: Unk
Method: P4-ICP2(v3049) 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	-.00360	.00346	.11622	.00417	.00031	36.120	.02943	.00525
Stddev	.00198	.00038	.00074	.00297	.00099	.073	.00025	.00003
%RSD	54.873	10.934	.63647	71.225	320.84	.20075	.83379	.59154
#1	-.00555	.00378	.11545	.00263	-.00017	36.167	.02969	.00527
#2	-.00366	.00357	.11626	.00229	.00145	36.157	.02921	.00521
#3	-.00160	.00304	.11693	.00760	-.00036	36.037	.02938	.00526
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	204.73	.15873	.01708	.00838	73.306	1.4156	24.821
Stddev	.00011	.81	.00128	.00008	.00019	.509	.0016	.086
%RSD	11.872	.39401	.80600	.49661	2.2285	.69399	.11437	.34595
#1	.00077	205.57	.15951	.01699	.00845	73.882	1.4174	24.827
#2	.00093	203.97	.15726	.01707	.00817	72.919	1.4142	24.904
#3	.00097	204.66	.15943	.01716	.00852	73.117	1.4154	24.732
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04606	.00617	45.841	.14489	1.3766	11.494	-.00119	.18189
Stddev	.00017	.00022	.216	.00015	.0006	.063	.00016	.02073
%RSD	.35827	3.5081	.47118	.10040	.04431	.55228	13.095	11.398
#1	.04608	.00596	46.015	.14504	1.3761	11.518	-.00116	.16250
#2	.04588	.00615	45.909	.14475	1.3773	11.541	-.00105	.17943
#3	.04621	.00639	45.599	.14487	1.3764	11.422	-.00136	.20374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 347.90	F 45.971	-.12899	.31735	.04182	7.467	1.3943	2.7716
Stddev	.63	.156	.00047	.00083	.00126	.011	.0055	.1475
%RSD	.18025	.33905	.36124	.26153	3.0168	.1407	.39086	5.3218
#1	348.56	45.953	-.12944	.31803	.04038	7.461	1.4003	2.6415
#2	347.32	45.825	-.12901	.31643	.04239	7.460	1.3896	2.7413
#3	347.81	46.135	-.12851	.31759	.04270	7.479	1.3929	2.9319

Sample Name: K2316-12DLX10 Acquired: 4/15/2019 13:49:01 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.806
Stddev	.273
%RSD	1.0166

#1	26.624
#2	27.119
#3	26.675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4890.8	69495.	4487.3	72.015	4518.1
Stddev	10.9	472.	34.0	.392	1.8
%RSD	.22382	.67877	.75803	.54457	.03926

#1	4881.3	68964.	4449.1	72.250	4516.2
#2	4888.2	69656.	4514.5	71.562	4519.6
#3	4902.8	69866.	4498.1	72.232	4518.6

Sample Name: K2316-13DLX10 Acquired: 4/15/2019 13:53:24 Type: Unk
Method: P4-ICP2(v3049) 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	-.00230	.00523	.06049	.00196	-.00003	31.490	.03162	.00582
Stddev	.00023	.00148	.00025	.00189	.00045	.071	.00074	.00003
%RSD	9.7948	28.230	.40596	96.457	1774.8	.22459	2.3544	.46480
#1	-.00255	.00443	.06070	.00204	.00021	31.435	.03092	.00585
#2	-.00212	.00694	.06056	.00003	-.00055	31.570	.03153	.00581
#3	-.00223	.00433	.06022	.00382	.00026	31.466	.03240	.00579
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	200.94	.21731	.01745	.01019	84.851	1.2820	22.873
Stddev	.00006	.56	.00132	.00008	.00048	.354	.0026	.167
%RSD	14.348	.28018	.60771	.47879	4.7223	.41717	.20089	.72807
#1	.00038	201.50	.21591	.01751	.00965	84.465	1.2834	23.010
#2	.00050	200.93	.21749	.01735	.01057	85.161	1.2790	22.921
#3	.00042	200.38	.21853	.01748	.01034	84.926	1.2835	22.688
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06216	.00698	42.463	.14580	1.6316	9.5963	-.00132	.14320
Stddev	.00034	.00014	.023	.00061	.0013	.0366	.00037	.02620
%RSD	.55479	2.0298	.05434	.41784	.08199	.38155	28.282	18.297
#1	.06200	.00713	42.451	.14510	1.6330	9.6368	-.00151	.13986
#2	.06193	.00694	42.448	.14620	1.6303	9.5655	-.00156	.17092
#3	.06256	.00686	42.489	.14611	1.6316	9.5867	-.00089	.11884
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 347.90	F 35.135	-.12888	.24756	.03831	F 11.44	1.1550	2.8757
Stddev	.10	.121	.00061	.00370	.00049	.01	.0027	.1300
%RSD	.02894	.34454	.47113	1.4937	1.2721	.0446	.23823	4.5214
#1	348.01	35.010	-.12881	.24445	.03887	11.44	1.1581	3.0031
#2	347.88	35.143	-.12831	.24659	.03810	11.45	1.1540	2.7432
#3	347.82	35.252	-.12952	.25165	.03797	11.45	1.1529	2.8808

Sample Name: K2316-13DLX10 Acquired: 4/15/2019 13:53:24 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.602
Stddev	.554
%RSD	1.8101

#1	30.214
#2	30.354
#3	31.236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4887.5	69394.	4448.8	70.826	4524.1
Stddev	8.7	143.	15.7	2.391	8.9
%RSD	.17777	.20589	.35196	3.3757	.19663

#1	4879.3	69359.	4436.2	73.067	4516.6
#2	4886.6	69271.	4443.8	71.102	4521.9
#3	4896.6	69551.	4466.3	68.309	4533.9

Sample Name: K2316-14DLX10 Acquired: 4/15/2019 13:57:46 Type: Unk
Method: P4-ICP2(v3049) 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	-.00236	.00281	.07648	.00622	-.00138	35.149	.02438	.00642
Stddev	.00169	.00137	.00079	.00181	.00054	.152	.00035	.00022
%RSD	71.654	48.809	1.0281	29.149	39.312	.43379	1.4173	3.3852
#1	-.00367	.00399	.07730	.00441	-.00145	35.277	.02401	.00643
#2	-.00045	.00131	.07573	.00622	-.00189	35.189	.02444	.00620
#3	-.00295	.00314	.07641	.00804	-.00081	34.980	.02469	.00663
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	176.21	.22159	.02218	.00992	86.179	1.4061	21.841
Stddev	.00010	3.20	.00146	.00004	.00068	.511	.0031	.079
%RSD	9.4790	1.8177	.65819	.16445	6.8273	.59333	.21884	.36293
#1	.00116	177.43	.21993	.02215	.00925	85.803	1.4078	21.782
#2	.00101	178.63	.22218	.02222	.01060	85.974	1.4026	21.931
#3	.00098	172.58	.22266	.02216	.00991	86.761	1.4080	21.810
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07350	.00708	30.327	.15365	2.1200	9.8623	-.00137	.14640
Stddev	.00055	.00053	.053	.00126	.0036	.0286	.00009	.00506
%RSD	.74453	7.5246	.17368	.81979	.16911	.29032	6.4523	3.4535
#1	.07301	.00674	30.351	.15240	2.1224	9.8832	-.00139	.14479
#2	.07340	.00770	30.363	.15363	2.1159	9.8739	-.00145	.14235
#3	.07409	.00681	30.266	.15492	2.1217	9.8296	-.00128	.15207
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 321.54	F 44.808	-.11838	.28156	.03727	8.810	1.2726	2.3180
Stddev	.70	.600	.00091	.00452	.00062	.019	.0256	.0856
%RSD	.21812	1.3396	.76556	1.6061	1.6517	.2165	2.0105	3.6910
#1	320.76	44.881	-.11738	.28362	.03682	8.797	1.2835	2.3736
#2	322.13	45.368	-.11861	.28468	.03797	8.800	1.2910	2.2195
#3	321.73	44.175	-.11914	.27637	.03701	8.832	1.2434	2.3610

Sample Name: K2316-14DLX10 Acquired: 4/15/2019 13:57:46 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	32.536
Stddev	.592
%RSD	1.8207

#1	32.253
#2	32.138
#3	33.217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5047.9	71740.	4642.6	73.074	4520.5
Stddev	21.8	68.	79.4	1.850	19.6
%RSD	.43239	.09501	1.7099	2.5314	.43271

#1	5024.2	71672.	4608.5	74.823	4497.9
#2	5052.5	71739.	4585.9	71.138	4531.9
#3	5067.1	71809.	4733.3	73.259	4531.7

Sample Name: K2316-15DLX10 Acquired: 4/15/2019 14:02:07 Type: Unk
Method: P4-ICP2(v3049) 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	.00489	.03165	.00250	.00090	36.360	.02801	.00460
Stddev	.00175	.00019	.00128	.00208	.00110	.220	.00088	.00012
%RSD	77.340	3.8584	4.0348	83.118	123.10	.60396	3.1349	2.5328
#1	-.00274	.00501	.03188	.00030	.00062	36.157	.02700	.00469
#2	-.00032	.00500	.03027	.00279	.00211	36.593	.02859	.00446
#3	-.00372	.00468	.03279	.00443	-.00004	36.331	.02843	.00464
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	177.49	.12962	.01662	.00809	70.676	1.5153	25.554
Stddev	.00006	.53	.00038	.00008	.00056	.334	.0008	.246
%RSD	34.571	.29715	.29014	.48537	6.9582	.47312	.05570	.96428
#1	.00016	177.70	.12919	.01666	.00852	70.578	1.5144	25.491
#2	.00012	176.89	.12987	.01667	.00745	71.049	1.5161	25.827
#3	.00024	177.88	.12980	.01652	.00829	70.402	1.5155	25.346
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04427	.00613	39.568	.12447	1.1502	11.169	-.00108	.16718
Stddev	.00045	.00055	.372	.00089	.0025	.157	.00013	.01198
%RSD	1.0071	8.8940	.94116	.71309	.21646	1.4076	12.443	7.1668
#1	.04399	.00570	39.227	.12366	1.1499	11.038	-.00124	.16157
#2	.04402	.00674	39.965	.12432	1.1479	11.343	-.00103	.18093
#3	.04478	.00594	39.512	.12542	1.1528	11.126	-.00099	.15902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 227.18	F 49.360	-.08407	.11907	.03942	6.702	1.4246	2.7999
Stddev	.17	.547	.00061	.00384	.00016	.015	.0052	.0803
%RSD	.07664	1.1080	.72060	3.2230	.40561	.2209	.36804	2.8684
#1	227.30	49.663	-.08449	.11465	.03928	6.717	1.4274	2.8850
#2	226.98	48.728	-.08337	.12097	.03939	6.688	1.4186	2.7255
#3	227.26	49.688	-.08435	.12158	.03960	6.701	1.4279	2.7892

Sample Name: K2316-15DLX10 Acquired: 4/15/2019 14:02:07 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	25.609
Stddev	.246
%RSD	.95914

#1	25.882
#2	25.406
#3	25.540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4885.6	69140.	4448.3	72.890	4547.7
Stddev	3.0	372.	41.1	.734	1.4
%RSD	.06212	.53743	.92466	1.0072	.03018

#1	4884.7	69045.	4405.0	73.187	4547.9
#2	4883.1	68825.	4486.8	72.054	4546.3
#3	4888.9	69550.	4453.2	73.429	4549.0

Sample Name: PB118874BL Acquired: 4/15/2019 14:06:31 Type: Unk
Method: P4-ICP2(v3049) 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	.00059	-.00009	-.00183	.00027	-.00072	-.00971	.00031	-.00000
Stddev	.00058	.00121	.00019	.00137	.00117	.00642	.00038	.00005
%RSD	98.486	1382.9	10.186	509.39	162.84	66.087	122.51	2954.9
#1	.00122	.00057	-.00175	-.00131	.00018	-.01016	-.00012	.00006
#2	.00008	-.00149	-.00170	.00105	-.00029	-.00308	.00045	-.00002
#3	.00047	.00066	-.00205	.00107	-.00205	-.01590	.00059	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00682	-.00010	-.00010	-.00048	.00265	.00009	-.07846
Stddev	.00008	.02346	.00009	.00030	.00030	.00063	.00003	.02533
%RSD	710.54	344.13	87.656	286.68	62.322	23.833	31.418	32.283
#1	.00011	-.01932	-.00017	.00013	-.00072	.00280	.00006	-.10626
#2	-.00002	.02608	.00000	-.00000	-.00056	.00195	.00012	-.07241
#3	-.00005	.01370	-.00015	-.00044	-.00015	.00319	.00010	-.05670
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00002	-.10646	-.00006	.00002	-.08261	-.00020	-.01358
Stddev	.00027	.00044	.00221	.00007	.00003	.01454	.00015	.01345
%RSD	149.77	2602.7	2.0797	123.10	131.07	17.605	74.669	98.991
#1	-.00038	-.00048	-.10566	-.00009	.00002	-.06637	-.00012	-.02838
#2	-.00027	.00034	-.10476	-.00011	.00005	-.09444	-.00038	-.00211
#3	.00012	.00019	-.10897	.00002	-.00000	-.08700	-.00011	-.01026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03623	.02696	-.00094	-.00010	.00017	-.0041	-.00055	F 2.4571
Stddev	.00164	.00302	.00020	.00117	.00077	.0011	.00005	.0912
%RSD	4.5292	11.222	21.428	1170.6	448.32	27.57	9.1474	3.7139
#1	.03798	.02993	-.00071	-.00133	-.00034	-.0053	-.00054	2.5434
#2	.03601	.02705	-.00104	.00100	.00106	-.0039	-.00050	2.4664
#3	.03472	.02389	-.00107	.00003	-.00021	-.0031	-.00060	2.3616

Sample Name: PB118874BL Acquired: 4/15/2019 14:06:31 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .66247
Stddev .29962
%RSD 45.228

#1 .85017
#2 .31692
#3 .82031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4970.8	70391.	4316.2	76.880	5343.4
Stddev	3.6	194.	10.5	1.604	4.4
%RSD	.07245	.27567	.24352	2.0865	.08189

#1	4970.2	70444.	4304.3	78.334	5343.5
#2	4974.7	70175.	4320.3	75.159	5347.7
#3	4967.6	70552.	4324.1	77.145	5339.0

Sample Name: PB118874BS Acquired: 4/15/2019 14:10:58 Type: Unk
Method: P4-ICP2(v3049) 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	.75515	2.0856	.98352	2.0220	.78776	2.0705	.21194
Stddev	.00653	.0034	.00125	.0083	.00599	.0185	.00160
%RSD	.86433	.16426	.12704	.41203	.76083	.89356	.75277

#1	.76159	2.0872	.98235	2.0286	.79213	2.0491	.21077
#2	.74854	2.0816	.98484	2.0127	.78093	2.0817	.21376
#3	.75531	2.0879	.98338	2.0249	.79022	2.0806	.21130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21013	.19107	1.1086	.43840	.20214	.32500	3.2189
Stddev	.00022	.00032	.0110	.00065	.00011	.00084	.0064
%RSD	.10371	.16877	.98735	.14735	.05327	.25736	.20009

#1	.21024	.19070	1.1186	.43766	.20224	.32528	3.2130
#2	.21028	.19123	1.1103	.43869	.20215	.32406	3.2258
#3	.20988	.19127	1.0969	.43884	.20203	.32566	3.2178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22367	2.0690	.50516	.07484	3.1066	.32063	.19772
Stddev	.00031	.0088	.00014	.00038	.0349	.00103	.00030
%RSD	.13921	.42512	.02776	.50217	1.1240	.32255	.15325

#1	.22342	2.0637	.50500	.07512	3.0791	.31945	.19807
#2	.22402	2.0791	.50524	.07500	3.1459	.32140	.19755
#3	.22357	2.0641	.50525	.07442	3.0948	.32103	.19754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7340	.41121	.29650	F .02430	.94585	.67976	.21038
Stddev	.0746	.00101	.01634	.00161	.00641	.00394	.00074
%RSD	.76587	.24567	5.5119	6.6313	.67723	.58020	.35311

#1	9.6566	.41229	.27812	.02615	.95314	.67595	.20960
#2	9.8053	.41028	.30200	.02325	.94333	.68383	.21108
#3	9.7402	.41107	.30939	.02350	.94110	.67949	.21047

Sample Name: PB118874BS Acquired: 4/15/2019 14:10:58 Type: Unk
 Method: P4-ICP2(v3049) 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	.20094	5.566	.20181	F 3.1734	F<.00000
Stddev	.00124	.010	.00086	.0902	.35078
%RSD	.61562	.1859	.42387	2.8438	494.24

#1	.20012	5.578	.20208	3.2776	-.27501
#2	.20236	5.559	.20250	3.1211	.33407
#3	.20032	5.562	.20085	3.1215	-.27198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4949.2	70442.	4305.8	76.408	5166.3
Stddev	8.8	215.	17.5	1.461	8.8
%RSD	.17842	.30475	.40722	1.9118	.17096

#1	4940.6	70675.	4286.7	78.091	5169.4
#2	4948.6	70252.	4321.3	75.474	5156.4
#3	4958.3	70400.	4309.3	75.658	5173.3

Sample Name: PB118885BL Acquired: 4/15/2019 14:15:03 Type: Unk
Method: P4-ICP2(v3049) 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	.00043	.00050	-.00187	.00004	-.00203	-.01635	.00060	-.00003
Stddev	.00061	.00011	.00068	.00284	.00180	.01740	.00018	.00005
%RSD	141.65	21.249	36.618	7982.2	88.528	106.40	30.534	199.05
#1	-.00025	.00038	-.00242	.00327	-.00183	-.01625	.00074	-.00001
#2	.00093	.00053	-.00110	-.00208	-.00392	-.03380	.00039	-.00008
#3	.00061	.00059	-.00209	-.00109	-.00034	.00099	.00066	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00826	-.00001	-.00009	-.00047	.00210	.00002	-.02928
Stddev	.00007	.01082	.00043	.00021	.00034	.00023	.00006	.06141
%RSD	265.64	130.99	3998.4	247.80	73.303	10.842	302.36	209.72
#1	.00006	.01165	-.00023	.00013	-.00021	.00185	-.00002	.00998
#2	.00008	-.00385	.00048	-.00030	-.00034	.00229	.00009	.00222
#3	-.00006	.01697	-.00028	-.00008	-.00086	.00217	-.00001	-.10005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.00000	-.14159	-.00014	.00004	-.07811	-.00029	-.01775
Stddev	.00025	.00024	.00505	.00015	.00009	.00747	.00034	.00816
%RSD	39.445	199940.	3.5637	109.90	218.04	9.5662	117.01	45.954
#1	-.00061	-.00028	-.14634	.00003	.00006	-.08639	-.00068	-.00834
#2	-.00040	.00019	-.14216	-.00028	-.00005	-.07187	-.00014	-.02212
#3	-.00090	.00009	-.13629	-.00017	.00012	-.07607	-.00005	-.02279
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01899	.00489	-.00056	.00170	-.00171	-.0042	-.00048	F 3.0436
Stddev	.00047	.00104	.00062	.00179	.00029	.0012	.00008	.0343
%RSD	2.4895	21.212	111.28	104.98	17.135	28.30	17.161	1.1267
#1	.01952	.00581	-.00100	.00011	-.00165	-.0028	-.00042	3.0080
#2	.01884	.00377	-.00082	.00136	-.00203	-.0049	-.00058	3.0764
#3	.01861	.00510	.00015	.00364	-.00146	-.0049	-.00045	3.0464

Sample Name: PB118885BL Acquired: 4/15/2019 14:15:03 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .54436
Stddev	.59574
%RSD	109.44

#1	-.14040
#2	.82975
#3	.94371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4976.1	70706.	4349.0	76.725	5336.5
Stddev	9.4	277.	13.0	2.411	5.8
%RSD	.18930	.39159	.30005	3.1424	.10799

#1	4973.8	70387.	4334.3	74.350	5331.8
#2	4986.5	70872.	4353.6	76.655	5343.0
#3	4968.1	70861.	4359.2	79.170	5334.8

Sample Name: PB118885BS Acquired: 4/15/2019 14:19:30 Type: Unk
Method: P4-ICP2(v3049) 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	.65533	1.8067	.85543	1.7521	.71093	1.8234	.18761
Stddev	.00211	.0057	.00120	.0052	.00359	.0118	.00016
%RSD	.32133	.31632	.14020	.29778	.50477	.64415	.08625

#1	.65367	1.8038	.85411	1.7469	.70699	1.8365	.18778
#2	.65462	1.8031	.85644	1.7522	.71181	1.8137	.18757
#3	.65770	1.8133	.85576	1.7573	.71400	1.8201	.18747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18012	.16547	.97850	.39148	.17751	.28361	2.8216
Stddev	.00036	.00025	.01187	.00038	.00011	.00080	.0048
%RSD	.19960	.15040	1.2134	.09757	.06477	.28304	.17005

#1	.18034	.16519	.96587	.39127	.17763	.28373	2.8265
#2	.18031	.16568	.98944	.39192	.17741	.28275	2.8215
#3	.17970	.16554	.98020	.39124	.17749	.28435	2.8169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19821	1.8379	.44219	.06395	2.7233	.28537	.16965
Stddev	.00064	.0224	.00086	.00081	.0170	.00026	.00013
%RSD	.32228	1.2177	.19418	1.2739	.62260	.09086	.07687

#1	.19845	1.8324	.44134	.06469	2.7429	.28547	.16961
#2	.19869	1.8188	.44305	.06308	2.7144	.28557	.16980
#3	.19748	1.8625	.44217	.06409	2.7126	.28508	.16955

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4852	.38192	.26520	F .01140	.86471	.61021	.19373
Stddev	.1108	.00118	.01441	.00123	.00163	.00076	.00175
%RSD	1.3059	.30943	5.4325	10.778	.18860	.12384	.90276

#1	8.6044	.38079	.25091	.01052	.86482	.60937	.19174
#2	8.3854	.38182	.27972	.01281	.86303	.61084	.19444
#3	8.4659	.38314	.26495	.01088	.86628	.61040	.19502

Sample Name: PB118885BS Acquired: 4/15/2019 14:19:30 Type: Unk
Method: P4-ICP2(v3049) 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	.17652	4.809	.17966	F 3.1445	F<.00000
Stddev	.00201	.016	.00080	.1272	.11736
%RSD	1.1386	.3332	.44701	4.0457	135.27

#1	.17875	4.792	.18051	3.0869	-.21102
#2	.17485	4.812	.17958	3.2903	.02219
#3	.17596	4.823	.17891	3.0562	-.07145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4955.1	70689.	4323.0	75.103	5206.1
Stddev	7.9	375.	10.0	1.209	10.1
%RSD	.15845	.53026	.23113	1.6092	.19347

#1	4947.5	70269.	4317.3	74.784	5196.4
#2	4954.6	70811.	4317.2	74.085	5205.3
#3	4963.2	70988.	4334.5	76.438	5216.5

Sample Name: CCV03 Acquired: 4/15/2019 14:23:36 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8832	5.2224	5.0065	5.1306	4.9717	10.536	10.444	.26593
Stddev	.0127	.0091	.0126	.0152	.0054	.065	.026	.00078
%RSD	.25963	.17474	.25157	.29692	.10910	.61723	.25012	.29183
#1	4.8731	5.2315	5.0146	5.1278	4.9743	10.475	10.431	.26522
#2	4.8975	5.2223	4.9920	5.1471	4.9753	10.529	10.426	.26676
#3	4.8791	5.2133	5.0129	5.1170	4.9655	10.605	10.474	.26580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4839	25.794	1.0554	2.5213	1.2692	5.0650	2.6725	26.411
Stddev	.0024	.036	.0028	.0036	.0014	.0077	.0026	.034
%RSD	.09798	.13928	.26359	.14376	.11133	.15211	.09560	.12689
#1	2.4864	25.805	1.0522	2.5240	1.2676	5.0586	2.6708	26.392
#2	2.4815	25.823	1.0570	2.5172	1.2696	5.0736	2.6713	26.392
#3	2.4839	25.754	1.0571	2.5226	1.2703	5.0629	2.6755	26.450
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5184	1.2876	26.515	2.5787	2.5386	24.751	4.9818	5.2762
Stddev	.0016	.0017	.099	.0044	.0035	.040	.0062	.0241
%RSD	.06463	.13076	.37147	.16909	.13944	.16350	.12419	.45709
#1	2.5198	1.2875	26.425	2.5785	2.5424	24.705	4.9778	5.2923
#2	2.5189	1.2893	26.500	2.5744	2.5354	24.781	4.9890	5.2485
#3	2.5166	1.2859	26.621	2.5831	2.5379	24.767	4.9788	5.2878
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9372	4.9875	4.9783	5.0717	4.8759	5.233	4.9986	F 4.0053
Stddev	.0153	.0053	.0089	.0024	.0060	.024	.0042	.1000
%RSD	.31045	.10639	.17887	.04792	.12254	.4507	.08373	2.4967
#1	4.9409	4.9932	4.9883	5.0690	4.8738	5.235	5.0008	4.1186
#2	4.9504	4.9866	4.9755	5.0723	4.8712	5.255	5.0013	3.9681
#3	4.9204	4.9827	4.9711	5.0738	4.8826	5.208	4.9938	3.9293

Sample Name: CCV03 Acquired: 4/15/2019 14:23:36 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9329
Stddev .2411
%RSD 8.2191

#1 2.8092
#2 3.2107
#3 2.7788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4759.3	67078.	4325.2	71.964	4612.0
Stddev	2.8	124.	9.4	1.619	6.2
%RSD	.05794	.18530	.21730	2.2498	.13463

#1	4759.5	67168.	4318.1	73.455	4605.5
#2	4756.5	67129.	4321.6	70.242	4617.9
#3	4762.0	66936.	4335.8	72.195	4612.6

Sample Name: CCB03 Acquired: 4/15/2019 14:27:43 Type: Unk

Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: T1-604-EB Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	.00022	-.00117	.00023	-.00140	-.00742	.00007	-.00002
Stddev	.00076	.00162	.00126	.00191	.00119	.00691	.00019	.00007
%RSD	94.112	733.50	107.82	846.26	85.124	93.129	256.67	485.51
#1	-.00054	-.00028	-.00168	-.00198	-.00120	-.00245	-.00011	-.00004
#2	-.00167	-.00109	-.00209	.00123	-.00032	-.01531	.00005	.00007
#3	-.00022	.00204	.00027	.00142	-.00268	-.00450	.00028	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00258	-.00023	-.00005	-.00013	.00168	.00001	-.01392
Stddev	.00003	.02025	.00037	.00010	.00013	.00011	.00002	.04176
%RSD	32.051	786.33	163.40	188.84	95.347	6.5169	214.61	299.94
#1	.00010	.00487	.00019	.00006	-.00021	.00160	-.00002	-.04630
#2	.00005	-.01873	-.00051	-.00013	.00001	.00180	.00002	.03321
#3	.00010	.02158	-.00036	-.00010	-.00020	.00163	.00003	-.02868
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.00032	-.14357	-.00014	.00019	-.08772	.00010	-.00676
Stddev	.00014	.00043	.00312	.00006	.00007	.01247	.00010	.00387
%RSD	60.998	135.41	2.1720	43.845	37.356	14.211	97.899	57.266
#1	-.00039	.00047	-.14059	-.00017	.00013	-.08710	-.00001	-.00873
#2	-.00014	-.00017	-.14329	-.00017	.00016	-.07558	.00013	-.00925
#3	-.00015	.00066	-.14681	-.00007	.00027	-.10049	.00019	-.00230
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01388	.00460	.00065	.00276	-.00133	-.0051	-.00051	F 2.9255
Stddev	.00351	.00108	.00059	.00085	.00113	.0009	.00000	.1477
%RSD	25.274	23.374	91.689	30.669	84.771	16.92	.59540	5.0497
#1	.01758	.00458	.00121	.00328	-.00193	-.0042	-.00051	3.0065
#2	.01346	.00569	.00070	.00178	-.00203	-.0052	-.00051	2.7550
#3	.01061	.00354	.00003	.00322	-.00003	-.0059	-.00050	3.0151

Sample Name: CCB03 Acquired: 4/15/2019 14:27:43 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T1-604-EB Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .67470
Stddev	.28916
%RSD	42.858

#1	.54061
#2	1.0066
#3	.47693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4967.1	70106.	4314.1	76.842	5312.6
Stddev	6.2	103.	14.5	1.448	5.9
%RSD	.12444	.14744	.33676	1.8847	.11117

#1	4964.3	69991.	4298.3	75.173	5309.0
#2	4974.2	70135.	4317.2	77.584	5319.5
#3	4962.9	70192.	4326.9	77.768	5309.4

Sample Name: PB118885TB Acquired: 4/15/2019 14:32:12 Type: Unk
Method: P4-ICP2(v3049) 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	-.00256	-.00064	-.00106	.00185	-.00112	-.00094	.00010	-.00006
Stddev	.00207	.00050	.00053	.00112	.00060	.00363	.00067	.00005
%RSD	80.824	78.290	50.222	60.656	53.279	384.08	651.58	74.321
#1	-.00299	-.00012	-.00060	.00179	-.00079	.00314	.00083	-.00001
#2	-.00031	-.00069	-.00094	.00076	-.00181	-.00378	-.00049	-.00008
#3	-.00438	-.00112	-.00164	.00300	-.00076	-.00220	-.00003	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00625	.00043	-.00027	-.00035	.00383	.00008	-.04712
Stddev	.00003	.01823	.00033	.00012	.00007	.00095	.00008	.01489
%RSD	112.40	291.88	77.371	43.456	21.374	24.724	104.21	31.602
#1	.00007	.01709	.00035	-.00017	-.00027	.00380	.00016	-.05634
#2	.00000	-.01480	.00014	-.00025	-.00042	.00289	-.00001	-.05506
#3	.00002	.01644	.00079	-.00040	-.00036	.00479	.00009	-.02994
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00116	F 261.18	-.00011	.00299	-.10567	.00004	.00162
Stddev	.00011	.00040	1.28	.00026	.00006	.01711	.00005	.00140
%RSD	140.64	34.747	.48979	251.66	1.8606	16.193	136.82	86.842
#1	.00021	.00162	259.77	-.00023	.00294	-.12387	.00009	.00276
#2	.00005	.00097	261.51	.00020	.00305	-.10322	.00005	.00005
#3	-.00001	.00088	262.26	-.00029	.00298	-.08991	-.00002	.00204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01398	.02803	-.00059	.00321	.00027	-.0059	-.00055	4.4507
Stddev	.00218	.00281	.00022	.00106	.00018	.0011	.00011	.1603
%RSD	15.581	10.028	36.737	32.881	68.164	18.63	20.055	3.6014
#1	.01243	.03043	-.00035	.00415	.00047	-.0067	-.00058	4.6173
#2	.01304	.02871	-.00067	.00207	.00023	-.0064	-.00063	4.4370
#3	.01647	.02494	-.00076	.00342	.00011	-.0046	-.00042	4.2976

Sample Name: PB118885TB Acquired: 4/15/2019 14:32:12 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.80877
Stddev	.10733
%RSD	13.271

#1	.88166
#2	.85914
#3	.68551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4628.6	64413.	4238.6	75.415	4570.1
Stddev	14.8	216.	30.3	1.215	8.0
%RSD	.31909	.33605	.71562	1.6108	.17410

#1	4614.5	64501.	4209.3	74.975	4564.3
#2	4627.4	64167.	4236.7	76.789	4566.7
#3	4643.9	64572.	4269.9	74.482	4579.1

Sample Name: LR CHECK 1 Acquired: 4/15/2019 14:46:39 Type: Unk
Method: P4-ICP2(v3049) 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	-.03188	.01383	.03755	-.47335	.10517	2009.0	.00894	.03804
Stddev	.00395	.00226	.00316	.01513	.00745	13.3	.00085	.00045
%RSD	12.388	16.312	8.4230	3.1974	7.0852	.66233	9.5503	1.1960

#1	-.03163	.01272	.03674	-.45615	.10083	2024.3	.00928	.03855
#2	-.02806	.01643	.04104	-.47927	.10091	2001.7	.00956	.03790
#3	-.03594	.01235	.03487	-.48463	.11378	2000.9	.00796	.03767

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22186	1711.7	-.05426	.08699	.29905	814.82	-.03983	1691.4
Stddev	.00295	10.7	.00102	.00093	.00418	8.09	.00035	6.8
%RSD	1.3291	.62435	1.8819	1.0661	1.3963	.99283	.88219	.39969

#1	.21951	1718.5	-.05513	.08806	.29684	823.48	-.04022	1699.2
#2	.22090	1717.3	-.05314	.08652	.29645	813.50	-.03953	1688.5
#3	.22517	1699.4	-.05451	.08639	.30387	807.46	-.03975	1686.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11456	.03443	1637.7	.00752	.26428	961.81	-.00732	-2.3184
Stddev	.00113	.00128	7.3	.00047	.00509	4.19	.00112	.0218
%RSD	.98957	3.7222	.44745	6.2663	1.9246	.43615	15.325	.94197

#1	.11409	.03580	1638.5	.00750	.26063	962.82	-.00665	-2.3307
#2	.11375	.03421	1644.5	.00706	.26212	965.40	-.00862	-2.3312
#3	.11586	.03326	1630.0	.00801	.27009	957.20	-.00670	-2.2931

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41962	.01387	.05718	-.07061	.07790	.0330	-.88200	2.5383
Stddev	.01154	.00092	.00397	.00131	.00099	.0016	.00884	.1887
%RSD	2.7511	6.6012	6.9420	1.8520	1.2647	4.896	1.0028	7.4340

#1	.42355	.01488	.05566	-.07096	.07893	.0313	-.89150	2.7119
#2	.42869	.01309	.05419	-.06916	.07781	.0345	-.88051	2.3375
#3	.40663	.01365	.06168	-.07170	.07696	.0331	-.87400	2.5654

Sample Name: LR CHECK 1 Acquired: 4/15/2019 14:46:39 Type: Unk
 Method: P4-ICP2(v3049) 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	3249.5	46028.	3644.9	45.652	2279.5
Stddev	16.7	149.	8.3	.525	13.6
%RSD	.51371	.32386	.22850	1.1503	.59720

#1	3255.5	45894.	3648.4	45.686	2283.9
#2	3262.4	46001.	3635.4	45.111	2290.4
#3	3230.7	46188.	3651.0	46.160	2264.3

Sample Name: LR CHECK 2 Acquired: 4/15/2019 14:51:42 Type: Unk
Method: P4-ICP2(v3049) 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	-.00159	-.00365	237.99	.02555	-.03605	-.26052	95.514	-.00213
Stddev	.00152	.00072	1.59	.00431	.00332	.00505	1.203	.00002
%RSD	95.401	19.645	.66821	16.853	9.2139	1.9390	1.2595	.87344

#1	-.00057	-.00394	239.38	.02846	-.03228	-.25682	94.317	-.00211
#2	-.00334	-.00284	238.34	.02758	-.03728	-.26627	95.503	-.00215
#3	-.00087	-.00418	236.26	.02060	-.03857	-.25846	96.723	-.00214

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00754	.24393	-.13537	-.00223	245.03	-.77215	45.002	-.18963
Stddev	.00009	.00923	.00056	.00045	1.23	.00458	.094	.02902
%RSD	1.2099	3.7825	.41570	20.322	.50258	.59298	.20893	15.305

#1	-.00745	.25448	-.13578	-.00273	246.06	-.77677	45.027	-.18198
#2	-.00763	.23740	-.13560	-.00185	245.38	-.77206	45.081	-.22170
#3	-.00753	.23991	-.13473	-.00212	243.67	-.76761	44.898	-.16519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.976	.00701	.88821	-.04353	35.889	.89142	-.00287	-.01462
Stddev	.042	.00024	.03522	.00021	.349	.06272	.00020	.00660
%RSD	.08189	3.3898	3.9653	.47899	.97351	7.0358	7.0983	45.123

#1	51.024	.00678	.92183	-.04333	35.874	.95090	-.00290	-.02080
#2	50.951	.00699	.89122	-.04351	36.245	.89747	-.00305	-.00768
#3	50.952	.00725	.85158	-.04375	35.547	.82590	-.00265	-.01538

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02073	.00723	.00005	.01029	-.00229	-2.745	.00228	4.4598
Stddev	.00365	.00132	.00076	.00099	.00066	.014	.00009	.1877
%RSD	17.619	18.208	1580.0	9.6061	28.628	.5121	3.9478	4.2075

#1	.02371	.00862	-.00072	.00931	-.00248	-2.748	.00237	4.6629
#2	.01666	.00707	.00080	.01128	-.00283	-2.758	.00227	4.2928
#3	.02183	.00600	.00006	.01028	-.00156	-2.730	.00219	4.4236

Sample Name: LR CHECK 2 Acquired: 4/15/2019 14:51:42 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8837
Stddev .3725
%RSD 19.775

#1 1.5577
#2 1.8037
#3 2.2897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4697.0	68671.	4300.8	71.966	4616.1
Stddev	8.7	131.	12.8	1.764	7.4
%RSD	.18584	.19134	.29687	2.4506	.16075

#1	4692.3	68605.	4308.4	73.348	4608.0
#2	4691.7	68823.	4286.1	72.570	4617.8
#3	4707.1	68586.	4308.0	69.980	4622.6

Sample Name: K2199-09 Acquired: 4/15/2019 14:57:20 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03779	-.00911	.52508	-.01769	.01558	211.15	.89902	.01399
Stddev	.00258	.00132	.00134	.00194	.00016	.26	.00354	.00017
%RSD	6.8191	14.524	.25543	10.966	1.0348	.12290	.39357	1.2450
#1	.03517	-.01029	.52472	-.01551	.01576	210.87	.89585	.01380
#2	.03788	-.00768	.52396	-.01835	.01544	211.38	.90284	.01414
#3	.04032	-.00935	.52657	-.01921	.01554	211.21	.89837	.01404
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01886	106.58	.24760	.18632	.54966	262.94	5.2184	91.212
Stddev	.00011	.14	.00166	.00054	.00104	1.14	.0108	.497
%RSD	.56819	.13549	.66932	.29058	.18947	.43387	.20709	.54490
#1	.01894	106.74	.24695	.18595	.54871	262.02	5.2135	90.638
#2	.01874	106.52	.24636	.18694	.54950	262.58	5.2108	91.487
#3	.01891	106.47	.24948	.18606	.55078	264.21	5.2308	91.510
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33137	.03089	14.691	.58792	1.4195	15.896	.00336	-.07027
Stddev	.00055	.00034	.052	.00220	.0174	.049	.00046	.02173
%RSD	.16501	1.0977	.35550	.37420	1.2238	.30963	13.661	30.929
#1	.33124	.03065	14.649	.59015	1.4383	15.840	.00306	-.09431
#2	.33090	.03128	14.750	.58576	1.4163	15.934	.00389	-.05202
#3	.33197	.03075	14.675	.58785	1.4040	15.913	.00314	-.06447
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8410	5.1222	.04004	7.9079	.20020	8.222	-.00128	.14963
Stddev	.0061	.0256	.00041	.0069	.00149	.023	.00184	.11955
%RSD	.12630	.49932	1.0126	.08744	.74645	.2822	144.47	79.893
#1	4.8358	5.1283	.03993	7.9158	.20057	8.203	.00025	.22633
#2	4.8394	5.1442	.03969	7.9027	.20148	8.214	-.00075	.21068
#3	4.8477	5.0942	.04048	7.9054	.19856	8.248	-.00332	.01189

Sample Name: K2199-09 Acquired: 4/15/2019 14:57:20 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 107.94
Stddev .74
%RSD .68475

#1 108.52
#2 107.11
#3 108.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5371.3	75350.	5071.2	69.610	4115.0
Stddev	4.7	42.	20.8	1.847	1.2
%RSD	.08774	.05567	.41047	2.6530	.02832

#1	5375.1	75309.	5048.8	67.729	4114.8
#2	5366.1	75393.	5090.0	71.420	4116.3
#3	5372.8	75348.	5074.7	69.680	4114.0

Sample Name: K2199-11 Acquired: 4/15/2019 15:01:51 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02762	-.00638	.38467	-.00975	.01518	173.13	.77089	.01232
Stddev	.00154	.00115	.00140	.00164	.00129	.71	.00299	.00011
%RSD	5.5686	18.020	.36495	16.828	8.5001	.40968	.38776	.86393
#1	.02850	-.00743	.38523	-.00964	.01560	173.94	.77397	.01236
#2	.02585	-.00656	.38307	-.00817	.01373	172.62	.77069	.01220
#3	.02853	-.00515	.38570	-.01145	.01621	172.84	.76800	.01240
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01379	55.543	.22823	.17256	.50713	239.21	5.1862	87.532
Stddev	.00027	.100	.00155	.00061	.00227	.88	.0170	.282
%RSD	1.9271	.17998	.67981	.35172	.44783	.36766	.32801	.32219
#1	.01379	55.517	.23001	.17236	.50603	239.48	5.2057	87.837
#2	.01353	55.458	.22747	.17208	.50561	238.23	5.1748	87.280
#3	.01406	55.653	.22720	.17325	.50974	239.92	5.1780	87.480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27407	.02917	9.5107	.55093	1.0038	18.518	.00119	-.07781
Stddev	.00099	.00017	.0049	.00158	.0006	.109	.00034	.00625
%RSD	.36278	.57850	.05190	.28622	.05639	.59028	28.670	8.0319
#1	.27442	.02898	9.5106	.55229	1.0044	18.644	.00128	-.08005
#2	.27295	.02932	9.5157	.55129	1.0033	18.457	.00081	-.07075
#3	.27484	.02921	9.5058	.54920	1.0038	18.453	.00148	-.08263
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3153	4.3619	.02854	7.5830	.19823	8.536	-.10808	.34567
Stddev	.0342	.0933	.00041	.0151	.00183	.054	.00094	.09493
%RSD	.79308	2.1398	1.4223	.19958	.92194	.6350	.86657	27.462
#1	4.2834	4.4570	.02822	7.5985	.20016	8.482	-.10852	.25875
#2	4.3110	4.2705	.02900	7.5682	.19801	8.534	-.10700	.33130
#3	4.3514	4.3582	.02840	7.5822	.19653	8.591	-.10871	.44696

Sample Name: K2199-11 Acquired: 4/15/2019 15:01:51 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 94.511
Stddev .540
%RSD .57151

#1 94.269
#2 95.130
#3 94.135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5311.3	74221.	4939.7	69.363	4209.6
Stddev	21.4	134.	9.1	.803	10.9
%RSD	.40309	.18110	.18380	1.1574	.25850

#1	5290.8	74074.	4944.2	68.754	4202.5
#2	5333.5	74337.	4945.7	69.062	4222.2
#3	5309.5	74251.	4929.3	70.273	4204.2

Sample Name: K2386-01 Acquired: 4/15/2019 15:06:23 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200048-4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03253	.00195	1.0100	-.00284	.00991	137.23	.87694	.00932
Stddev	.00073	.00058	.0028	.00153	.00152	.63	.00369	.00003
%RSD	2.2332	29.584	.27898	53.827	15.315	.45761	.42101	.29768

#1	.03212	.00211	1.0071	-.00355	.00863	137.27	.87661	.00935
#2	.03336	.00244	1.0127	-.00109	.01159	137.83	.88078	.00930
#3	.03209	.00131	1.0103	-.00390	.00951	136.58	.87342	.00931

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00972	49.815	.28616	.09964	.43084	183.32	4.9410	34.233
Stddev	.00016	.053	.00130	.00019	.00101	.57	.0072	.100
%RSD	1.6697	.10728	.45569	.18772	.23421	.31321	.14625	.29153

#1	.00957	49.769	.28634	.09945	.43058	183.71	4.9331	34.122
#2	.00970	49.874	.28736	.09982	.42999	182.66	4.9426	34.315
#3	.00989	49.803	.28477	.09966	.43196	183.59	4.9473	34.263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17181	.01852	7.3041	.28090	1.2463	9.3622	.00367	-.01984
Stddev	.00027	.00060	.0307	.00123	.0017	.0628	.00031	.00778
%RSD	.15544	3.2195	.42049	.43727	.13786	.67020	8.4247	39.232

#1	.17185	.01898	7.3009	.27990	1.2474	9.4251	.00331	-.02200
#2	.17152	.01785	7.3364	.28227	1.2472	9.3619	.00385	-.01120
#3	.17205	.01873	7.2752	.28054	1.2443	9.2996	.00385	-.02631

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2094	4.5819	.01840	2.5199	.14232	4.645	.15080	1.2862
Stddev	.0180	.0339	.00069	.0036	.00075	.026	.00114	.0822
%RSD	.81296	.73970	3.7454	.14368	.52734	.5635	.75532	6.3906

#1	2.2301	4.5578	.01764	2.5213	.14145	4.674	.15043	1.3683
#2	2.1985	4.5672	.01858	2.5226	.14278	4.625	.15208	1.2864
#3	2.1995	4.6206	.01899	2.5158	.14272	4.634	.14990	1.2039

Sample Name: K2386-01 Acquired: 4/15/2019 15:06:23 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200048-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 68.641
Stddev .199
%RSD .29044

#1 68.632
#2 68.445
#3 68.844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5191.3	72364.	4743.9	71.937	4426.8
Stddev	3.6	106.	11.4	.933	3.6
%RSD	.06927	.14582	.23933	1.2973	.08128

#1	5195.3	72262.	4731.1	71.298	4427.8
#2	5188.5	72356.	4752.7	73.008	4422.8
#3	5190.0	72473.	4747.8	71.504	4429.8

Sample Name: K2389-01 Acquired: 4/15/2019 15:10:56 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13182	-.00690	.12046	-.01145	.01024	174.85	.65285	.01103
Stddev	.00087	.00257	.00169	.00357	.00193	.18	.00125	.00005
%RSD	.66184	37.264	1.3996	31.192	18.874	.10113	.19098	.49240
#1	.13241	-.00807	.11953	-.01194	.01189	174.72	.65151	.01109
#2	.13224	-.00868	.11943	-.01476	.01073	174.78	.65398	.01098
#3	.13082	-.00395	.12240	-.00766	.00811	175.05	.65306	.01103
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00672	1522.9	.46020	.12351	.40041	126.92	5.2367	105.82
Stddev	.00021	15.4	.00081	.00055	.00027	.38	.0197	.21
%RSD	3.0919	1.0112	.17577	.44303	.06861	.30153	.37654	.19406
#1	.00679	1537.8	.45977	.12392	.40053	127.02	5.2313	105.70
#2	.00689	1523.8	.45970	.12289	.40009	126.50	5.2585	106.06
#3	.00649	1507.0	.46113	.12372	.40060	127.25	5.2201	105.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17238	.01821	4.1698	.31427	1.4073	19.255	.01262	.65453
Stddev	.00099	.00056	.0241	.00053	.0023	.029	.00037	.00396
%RSD	.57166	3.0674	.57848	.16718	.16630	.15235	2.9281	.60456
#1	.17175	.01876	4.1421	.31449	1.4075	19.222	.01249	.65481
#2	.17188	.01824	4.1814	.31367	1.4049	19.277	.01304	.65833
#3	.17352	.01764	4.1860	.31465	1.4096	19.267	.01234	.65044
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.534	.61540	.00591	6.7441	.35014	7.148	5.3677	4.3783
Stddev	.245	.00146	.00159	.0548	.00143	.028	.0274	.0217
%RSD	.41098	.23705	26.971	.81202	.40816	.3892	.51018	.49534
#1	59.618	.61465	.00734	6.7774	.35169	7.164	5.3966	4.3991
#2	59.259	.61447	.00620	6.6809	.34887	7.116	5.3643	4.3558
#3	59.726	.61708	.00419	6.7741	.34987	7.164	5.3422	4.3799

Sample Name: K2389-01 Acquired: 4/15/2019 15:10:56 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	47.544
Stddev	.813
%RSD	1.7095

#1	48.388
#2	46.767
#3	47.476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4388.9	61216.	4354.4	65.028	3582.7
Stddev	12.9	19.	32.6	1.733	4.6
%RSD	.29450	.03105	.74827	2.6654	.12951

#1	4386.4	61195.	4323.4	63.487	3580.5
#2	4377.5	61232.	4388.4	64.693	3579.5
#3	4402.9	61221.	4351.6	66.905	3588.0

Sample Name: K2389-02 Acquired: 4/15/2019 15:15:47 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STONE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02498	-.00044	.09284	-.01284	.00768	51.745	.21347	.00741
Stddev	.00125	.00067	.00100	.00086	.00067	.466	.00272	.00009
%RSD	5.0094	150.85	1.0799	6.7197	8.6716	.90146	1.2725	1.1553
#1	.02353	-.00116	.09396	-.01241	.00704	52.171	.21565	.00745
#2	.02578	.00016	.09201	-.01384	.00837	51.818	.21434	.00731
#3	.02562	-.00032	.09256	-.01228	.00762	51.247	.21043	.00747
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01424	62.365	-.02989	.14854	2.7821	245.09	3.2602	28.325
Stddev	.00013	.232	.00011	.00046	.0037	1.06	.0089	.292
%RSD	.88853	.37202	.36662	.31079	.13352	.43080	.27245	1.0310
#1	.01409	62.621	-.02996	.14898	2.7780	246.26	3.2666	28.568
#2	.01431	62.306	-.02995	.14806	2.7853	244.81	3.2640	28.405
#3	.01431	62.169	-.02977	.14859	2.7830	244.21	3.2501	28.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03513	.02187	1.5297	.24252	.81150	13.090	.00163	.07180
Stddev	.00057	.00011	.0153	.00176	.00013	.161	.00013	.00698
%RSD	1.6286	.50934	1.0002	.72767	.01588	1.2301	7.8829	9.7255
#1	.03448	.02198	1.5419	.24270	.81143	13.220	.00166	.07309
#2	.03556	.02176	1.5345	.24418	.81142	13.139	.00148	.06426
#3	.03536	.02188	1.5125	.24067	.81165	12.910	.00173	.07804
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0037	.37726	.00704	3.1582	.08844	F 23.32	-.19907	<.00000
Stddev	.0147	.01161	.00081	.0018	.00070	.06	.00127	.09335
%RSD	.48884	3.0776	11.465	.05654	.79286	.2713	.63728	9.3562
#1	3.0180	.38669	.00638	3.1574	.08787	23.35	-.20044	-1.0595
#2	3.0043	.36429	.00794	3.1569	.08824	23.25	-.19885	-.89033
#3	2.9886	.38081	.00680	3.1602	.08922	23.36	-.19793	-1.0433

Sample Name: K2389-02 Acquired: 4/15/2019 15:15:47 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STONE-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 105.64
 Stddev .74
 %RSD .69666

#1 106.19
 #2 104.81
 #3 105.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5715.7	80533.	5295.2	70.481	4408.5
Stddev	4.1	530.	10.5	1.039	5.5
%RSD	.07097	.65776	.19890	1.4738	.12489

#1	5719.8	80093.	5293.1	69.767	4408.8
#2	5715.6	80385.	5306.7	70.003	4413.9
#3	5711.7	81121.	5285.9	71.672	4402.9

Sample Name: K2389-03 Acquired: 4/15/2019 15:20:05 Type: Unk

Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: STONE-2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02388	-.01732	.00003	-.00702	.01736	134.66	.21718	.01118
Stddev	.00082	.00139	.00111	.00236	.00025	.29	.00065	.00015
%RSD	3.4511	8.0394	4247.4	33.660	1.4602	.21838	.29748	1.3582
#1	.02396	-.01572	-.00085	-.00974	.01711	135.00	.21709	.01127
#2	.02467	-.01818	-.00034	-.00570	.01735	134.48	.21787	.01126
#3	.02302	-.01807	.00127	-.00560	.01762	134.51	.21659	.01100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00689	22.195	.38708	.16522	.02655	205.49	1.9745	169.92
Stddev	.00020	.099	.00135	.00100	.00061	.94	.0028	.73
%RSD	2.8680	.44535	.34943	.60400	2.3102	.45835	.14257	.42962
#1	.00669	22.106	.38793	.16477	.02671	206.50	1.9771	170.49
#2	.00708	22.178	.38779	.16637	.02706	205.35	1.9749	170.17
#3	.00689	22.302	.38552	.16453	.02587	204.63	1.9715	169.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30733	.02522	5.4590	.47946	.24578	119.32	-.00302	-.07499
Stddev	.00128	.00031	.0110	.00111	.00090	.27	.00027	.01509
%RSD	.41654	1.2194	.20058	.23146	.36455	.22993	8.9908	20.129
#1	.30655	.02543	5.4677	.47933	.24524	119.64	-.00299	-.07667
#2	.30880	.02536	5.4626	.48064	.24682	119.18	-.00330	-.08918
#3	.30662	.02487	5.4467	.47843	.24528	119.15	-.00276	-.05913
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20267	.83104	.01652	F 14.385	.26656	5.552	-.15827	2.0127
Stddev	.00155	.03132	.00054	.015	.00126	.020	.00115	.0378
%RSD	.76385	3.7692	3.2924	.10575	.47316	.3517	.72806	1.8759
#1	.20327	.79663	.01608	14.399	.26632	5.545	-.15945	1.9913
#2	.20383	.83858	.01635	14.368	.26543	5.574	-.15819	1.9905
#3	.20091	.85790	.01713	14.387	.26792	5.536	-.15715	2.0563

Sample Name: K2389-03 Acquired: 4/15/2019 15:20:05 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STONE-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	72.739
Stddev	.453
%RSD	.62244

#1	73.112
#2	72.236
#3	72.870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4881.2	68775.	4594.0	70.101	4277.4
Stddev	6.9	141.	3.4	1.854	12.7
%RSD	.14047	.20461	.07503	2.6442	.29746

#1	4889.0	68687.	4597.9	72.070	4291.8
#2	4876.2	68700.	4591.6	69.842	4267.5
#3	4878.4	68937.	4592.4	68.390	4273.0

Sample Name: K2389-04 Acquired: 4/15/2019 15:24:33 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STONE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12205	-.03588	.05872	-.11296	.02160	135.28	.62667	.02466
Stddev	.00147	.00348	.00126	.00031	.00127	.30	.00180	.00027
%RSD	1.2038	9.6949	2.1540	.27403	5.8730	.22231	.28787	1.0794
#1	.12082	-.03186	.05822	-.11328	.02273	135.02	.62529	.02470
#2	.12368	-.03788	.05778	-.11267	.02185	135.21	.62600	.02490
#3	.12165	-.03789	.06016	-.11293	.02023	135.61	.62871	.02437
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09740	102.47	-.04975	.45591	3.4707	382.55	8.0460	66.732
Stddev	.00027	.46	.00046	.00053	.0032	2.48	.0174	.101
%RSD	.27534	.45285	.91756	.11613	.09368	.64705	.21565	.15165
#1	.09744	102.36	-.04925	.45557	3.4711	379.70	8.0447	66.617
#2	.09765	102.06	-.04984	.45564	3.4737	384.15	8.0294	66.769
#3	.09712	102.97	-.05016	.45652	3.4673	383.80	8.0640	66.809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	.03043	6.7047	.07982	1.6908	25.412	.14960	-.52024
Stddev	.00121	.00018	.0089	.00024	.0039	.034	.00018	.01275
%RSD	97.801	.60215	.13230	.30238	.23033	.13300	.12332	2.4502
#1	.00095	.03023	6.6946	.08002	1.6947	25.449	.14944	-.53127
#2	.00020	.03060	6.7110	.07989	1.6909	25.402	.14980	-.52316
#3	.00257	.03045	6.7086	.07955	1.6869	25.384	.14954	-.50628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.057	1.0375	.02608	F 10.152	.11983	F 45.98	-.27560	<.00000
Stddev	.014	.0106	.00150	.046	.00196	.21	.00253	.09280
%RSD	.14408	1.0187	5.7369	.45323	1.6384	.4552	.91803	.98852
#1	10.073	1.0269	.02622	10.143	.11768	46.22	-.27280	-9.2844
#2	10.051	1.0377	.02750	10.112	.12025	45.89	-.27772	-9.4639
#3	10.046	1.0480	.02451	10.202	.12154	45.84	-.27627	-9.4150

Sample Name: K2389-04 Acquired: 4/15/2019 15:24:33 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STONE-3 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	6912.9	99118.	6691.9	62.806	3804.1
Stddev	8.0	113.	17.7	.247	5.6
%RSD	.11617	.11440	.26444	.39343	.14621

#1	6910.0	99054.	6691.0	62.645	3798.5
#2	6906.7	99051.	6710.0	63.090	3804.3
#3	6921.9	99249.	6674.7	62.681	3809.6

Sample Name: CCV04 Acquired: 4/15/2019 15:29:05 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14843 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7154	5.0798	4.8322	4.9857	4.8704	10.386	10.144	.25745
Stddev	.0047	.0098	.0065	.0116	.0115	.056	.055	.00040
%RSD	.09930	.19368	.13414	.23353	.23688	.53733	.54691	.15574
#1	4.7104	5.0703	4.8286	4.9985	4.8836	10.321	10.113	.25791
#2	4.7162	5.0791	4.8283	4.9758	4.8621	10.417	10.111	.25716
#3	4.7197	5.0900	4.8397	4.9828	4.8654	10.419	10.208	.25728
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3935	25.310	1.0260	2.4386	1.2410	4.9003	2.5997	25.513
Stddev	.0021	.058	.0014	.0039	.0025	.0097	.0016	.092
%RSD	.08712	.23020	.13936	.15939	.19812	.19824	.06036	.36181
#1	2.3912	25.342	1.0261	2.4344	1.2413	4.8891	2.6000	25.425
#2	2.3941	25.243	1.0245	2.4421	1.2384	4.9050	2.5981	25.503
#3	2.3953	25.345	1.0273	2.4391	1.2433	4.9068	2.6012	25.609
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4420	1.2529	25.900	2.5040	2.4575	24.200	4.8541	5.1414
Stddev	.0025	.0014	.080	.0057	.0030	.015	.0075	.0199
%RSD	.10342	.10825	.31056	.22664	.12167	.06260	.15469	.38698
#1	2.4409	1.2517	25.809	2.5016	2.4542	24.186	4.8590	5.1185
#2	2.4403	1.2543	25.962	2.4999	2.4601	24.216	4.8455	5.1512
#3	2.4449	1.2526	25.930	2.5105	2.4582	24.199	4.8579	5.1546
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7409	4.8865	4.7779	4.9884	4.8503	5.129	4.8973	F 3.2733
Stddev	.0080	.0204	.0114	.0103	.0363	.011	.0211	.0748
%RSD	.16916	.41782	.23899	.20711	.74881	.2107	.43152	2.2841
#1	4.7426	4.9098	4.7661	4.9982	4.8904	5.119	4.9213	3.3324
#2	4.7479	4.8718	4.7787	4.9776	4.8197	5.129	4.8813	3.1892
#3	4.7321	4.8778	4.7889	4.9894	4.8407	5.140	4.8894	3.2981

Sample Name: CCV04 Acquired: 4/15/2019 15:29:05 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14843 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7770
Stddev .2544
%RSD 9.1608

#1 3.0704
#2 2.6430
#3 2.6176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4804.9	67662.	4338.0	73.488	4680.9
Stddev	13.1	107.	22.8	.787	5.0
%RSD	.27339	.15741	.52448	1.0704	.10729

#1	4792.1	67782.	4311.7	74.394	4676.0
#2	4818.3	67578.	4351.6	72.977	4686.0
#3	4804.2	67626.	4350.7	73.093	4680.6

Sample Name: CCB04 Acquired: 4/15/2019 15:33:11 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14843 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00111	.00051	-.00041	-.00221	-.01527	.00117	.00003
Stddev	.00120	.00039	.00135	.00267	.00063	.00305	.00026	.00009
%RSD	461.70	34.700	262.27	645.58	28.430	19.995	22.300	320.80
#1	.00165	.00135	.00121	.00039	-.00287	-.01505	.00111	-.00007
#2	-.00043	.00133	-.00104	.00176	-.00163	-.01842	.00095	.00010
#3	-.00043	.00067	.00137	-.00339	-.00211	-.01233	.00146	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01588	-.00045	.00014	-.00029	.03191	.00045	-.01763
Stddev	.00005	.00761	.00009	.00018	.00013	.00254	.00002	.02565
%RSD	113.03	47.961	20.014	132.47	43.832	7.9548	5.0270	145.50
#1	.00009	.01422	-.00036	.00032	-.00014	.03208	.00047	.00289
#2	.00004	.02418	-.00044	-.00004	-.00034	.03436	.00046	-.00940
#3	-.00000	.00923	-.00054	.00013	-.00038	.02929	.00043	-.04638
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00002	-.11528	-.00038	.00056	.03156	.00018	-.01121
Stddev	.00019	.00007	.00828	.00033	.00010	.04579	.00007	.00635
%RSD	201.62	385.00	7.1809	87.583	17.472	145.07	38.450	56.640
#1	.00028	-.00006	-.10586	-.00070	.00056	.01654	.00010	-.01844
#2	-.00010	.00007	-.11862	-.00004	.00046	.08297	.00024	-.00865
#3	.00011	.00005	-.12137	-.00040	.00065	-.00482	.00019	-.00654
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01015	.00215	-.00000	.00111	-.00003	-.0046	-.00041	2.0035
Stddev	.00228	.00145	.00050	.00089	.00009	.0016	.00010	.0646
%RSD	22.427	67.186	14574.	80.478	327.01	34.82	23.284	3.2231
#1	.01154	.00312	.00001	.00124	-.00011	-.0065	-.00039	1.9785
#2	.01137	.00049	.00050	.00194	.00007	-.0039	-.00033	2.0768
#3	.00752	.00284	-.00051	.00016	-.00004	-.0035	-.00052	1.9551

Sample Name: CCB04 Acquired: 4/15/2019 15:33:11 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14843 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.18653
Stddev	.43099
%RSD	231.06

#1	.49097
#2	-.30664
#3	.37525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5044.1	70753.	4383.1	77.439	5405.5
Stddev	10.0	143.	17.3	.535	5.7
%RSD	.19734	.20152	.39486	.69116	.10578

#1	5034.4	70596.	4365.0	77.943	5399.0
#2	5054.3	70875.	4384.6	77.495	5409.4
#3	5043.6	70788.	4399.5	76.877	5408.2

Sample Name: K2389-05 Acquired: 4/15/2019 15:37:40 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STONE-4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10054	-.01046	.01389	-.00079	.00305	69.452	.19959	.00756
Stddev	.00164	.00165	.00107	.00180	.00072	.175	.00075	.00013
%RSD	1.6332	15.812	7.6819	228.24	23.592	.25239	.37617	1.7288

#1	.10243	-.00926	.01507	-.00209	.00306	69.633	.20042	.00741
#2	.09942	-.01234	.01298	-.00156	.00232	69.440	.19897	.00763
#3	.09978	-.00977	.01363	.00127	.00376	69.283	.19936	.00764

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	52.768	.15682	.08795	.00753	49.890	2.1798	78.088
Stddev	.00012	.047	.00102	.00035	.00054	.263	.0023	.427
%RSD	8.1748	.08924	.65306	.39881	7.1681	.52618	.10754	.54639

#1	.00130	52.717	.15701	.08783	.00728	50.032	2.1807	78.357
#2	.00140	52.776	.15774	.08835	.00815	50.051	2.1815	78.310
#3	.00153	52.810	.15572	.08769	.00716	49.587	2.1771	77.596

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21211	.00626	1.6872	.23480	.43014	38.469	-.00030	.24623
Stddev	.00120	.00003	.0095	.00113	.00105	.174	.00013	.00405
%RSD	.56635	.45097	.56009	.48166	.24328	.45218	43.668	1.6451

#1	.21159	.00624	1.6979	.23609	.43134	38.668	-.00016	.24259
#2	.21348	.00626	1.6838	.23432	.42966	38.348	-.00032	.25060
#3	.21125	.00629	1.6799	.23399	.42941	38.390	-.00042	.24551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18005	.83040	.00815	5.7749	.23174	6.139	-.00877	1.3204
Stddev	.00331	.02299	.00096	.0345	.00248	.033	.00041	.1526
%RSD	1.8398	2.7688	11.800	.59735	1.0709	.5445	4.7225	11.558

#1	.18028	.85013	.00888	5.7774	.22901	6.177	-.00907	1.1766
#2	.18325	.80515	.00851	5.8082	.23234	6.117	-.00894	1.4805
#3	.17663	.83592	.00706	5.7393	.23386	6.122	-.00830	1.3042

Sample Name: K2389-05 Acquired: 4/15/2019 15:37:40 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: STONE-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.283
 Stddev .249
 %RSD 1.5266

#1 16.214
 #2 16.077
 #3 16.559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5270.8	74619.	4868.1	73.828	4592.9
Stddev	12.6	408.	17.1	1.899	8.2
%RSD	.23995	.54725	.35190	2.5726	.17934

#1	5257.0	74226.	4865.8	72.649	4585.2
#2	5273.6	74588.	4852.2	72.816	4591.9
#3	5281.8	75041.	4886.3	76.019	4601.6

Sample Name: K2390-01 Acquired: 4/15/2019 15:42:02 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 3425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10680	.00724	.73833	.00042	.00966	113.67	.32063	.00962
Stddev	.00109	.00128	.00173	.00227	.00123	.06	.00223	.00015
%RSD	1.0167	17.653	.23424	538.28	12.771	.05660	.69530	1.5186

#1	.10683	.00870	.74014	.00100	.00963	113.64	.31989	.00956
#2	.10786	.00668	.73816	.00235	.01091	113.63	.32314	.00951
#3	.10569	.00633	.73670	-.00208	.00844	113.75	.31887	.00978

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	9.1650	.31012	.03622	.13259	195.75	1.0118	15.812
Stddev	.00015	.0362	.00164	.00019	.00038	1.13	.0036	.078
%RSD	3.3465	.39453	.52878	.52941	.28740	.57636	.35128	.49463

#1	.00467	9.2038	.30842	.03640	.13215	194.48	1.0153	15.759
#2	.00441	9.1323	.31170	.03602	.13276	196.63	1.0117	15.776
#3	.00469	9.1589	.31022	.03625	.13285	196.13	1.0082	15.902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05888	.01760	6.4670	.27957	1.6436	23.511	.01091	.03678
Stddev	.00013	.00017	.0290	.00178	.0031	.020	.00023	.01859
%RSD	.22561	.94090	.44806	.63533	.19129	.08308	2.0702	50.528

#1	.05899	.01748	6.4424	.27875	1.6471	23.522	.01067	.01838
#2	.05893	.01754	6.4989	.28161	1.6411	23.489	.01093	.05554
#3	.05873	.01779	6.4596	.27836	1.6426	23.523	.01112	.03642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7830	4.4006	.01275	.91138	.07221	3.883	-.15977	1.2984
Stddev	.0020	.0629	.00041	.00300	.00243	.011	.00140	.1815
%RSD	.11160	1.4291	3.2372	.32869	3.3694	.2927	.87683	13.983

#1	1.7842	4.4729	.01232	.91279	.07374	3.895	-.15817	1.5053
#2	1.7841	4.3708	.01278	.91341	.06940	3.881	-.16077	1.2240
#3	1.7807	4.3582	.01314	.90794	.07349	3.872	-.16038	1.1659

Sample Name: K2390-01 Acquired: 4/15/2019 15:42:02 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 3425 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 71.438
 Stddev 1.054
 %RSD 1.4749

#1 71.655
 #2 72.366
 #3 70.293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5036.2	71318.	4606.5	73.208	4605.8
Stddev	6.7	119.	16.1	1.565	4.1
%RSD	.13369	.16663	.34956	2.1372	.08834

#1	5039.7	71455.	4593.5	74.779	4606.2
#2	5040.5	71262.	4624.5	73.193	4609.7
#3	5028.4	71238.	4601.5	71.650	4601.6

Sample Name: K2390-03 Acquired: 4/15/2019 15:46:34 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16329	.00910	.35674	-.00383	.01228	140.56	.32129	.01375
Stddev	.00335	.00038	.00078	.00263	.00331	.53	.00186	.00017
%RSD	2.0503	4.2167	.21879	68.705	26.961	.37655	.57834	1.2257
#1	.15981	.00939	.35590	-.00364	.00895	139.95	.31931	.01384
#2	.16649	.00924	.35744	-.00130	.01557	140.94	.32299	.01355
#3	.16356	.00867	.35687	-.00655	.01231	140.79	.32157	.01385
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00774	12.036	.47002	.02797	.13791	249.72	.44807	23.719
Stddev	.00007	.028	.00107	.00013	.00022	1.40	.00145	.250
%RSD	.89667	.23584	.22830	.44985	.16185	.55988	.32254	1.0520
#1	.00776	12.064	.47125	.02809	.13768	251.12	.44692	23.434
#2	.00766	12.037	.46947	.02798	.13794	249.72	.44969	23.825
#3	.00780	12.007	.46932	.02784	.13812	248.33	.44760	23.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04753	.02107	7.6148	.23887	1.1423	48.201	.03765	.05084
Stddev	.00068	.00008	.0411	.00075	.0005	.165	.00048	.01839
%RSD	1.4258	.40137	.53929	.31471	.04218	.34267	1.2741	36.175
#1	.04697	.02112	7.5675	.23974	1.1418	48.022	.03777	.06376
#2	.04734	.02112	7.6371	.23839	1.1427	48.347	.03805	.02979
#3	.04828	.02097	7.6400	.23849	1.1426	48.235	.03712	.05899
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2724	3.5764	.01200	.93490	.08880	3.888	-.19713	1.3239
Stddev	.0110	.0262	.00094	.00308	.00076	.009	.00163	.1053
%RSD	.48338	.73105	7.8080	.32972	.85217	.2252	.82915	7.9521
#1	2.2711	3.6045	.01200	.93206	.08966	3.896	-.19880	1.4225
#2	2.2622	3.5527	.01294	.93447	.08850	3.878	-.19706	1.3361
#3	2.2840	3.5720	.01107	.93818	.08823	3.889	-.19554	1.2130

Sample Name: K2390-03 Acquired: 4/15/2019 15:46:34 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 5124 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 90.971
 Stddev .496
 %RSD .54540

#1 90.400
 #2 91.297
 #3 91.217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4998.4	70429.	4539.0	70.532	4439.0
Stddev	7.5	292.	52.6	2.010	2.4
%RSD	.14927	.41396	1.1599	2.8503	.05417

#1	4991.9	70200.	4482.8	69.210	4436.3
#2	4996.7	70330.	4547.2	69.541	4440.7
#3	5006.6	70757.	4587.1	72.846	4440.1

Sample Name: K2390-05 Acquired: 4/15/2019 15:51:03 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12426	.00806	.41585	-.00193	.01044	114.72	.34034	.01172
Stddev	.00225	.00123	.00091	.00039	.00096	.36	.00082	.00019
%RSD	1.8140	15.246	.21916	20.028	9.2381	.31249	.24025	1.6258

#1	.12395	.00674	.41613	-.00236	.01155	115.08	.34128	.01194
#2	.12219	.00917	.41659	-.00182	.00990	114.73	.33989	.01161
#3	.12666	.00829	.41483	-.00161	.00986	114.36	.33984	.01161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	18.404	.36873	.02890	.15480	213.72	.59467	17.742
Stddev	.00039	.051	.00220	.00058	.00034	1.02	.00062	.199
%RSD	7.6173	.27464	.59724	2.0085	.21725	.47937	.10362	1.1239

#1	.00558	18.450	.36685	.02957	.15509	212.61	.59485	17.888
#2	.00479	18.350	.36819	.02861	.15488	214.62	.59517	17.515
#3	.00516	18.414	.37115	.02853	.15443	213.94	.59398	17.824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05384	.01837	7.9221	.37548	.67150	30.296	.01194	.06577
Stddev	.00023	.00034	.0279	.00193	.00067	.111	.00045	.01283
%RSD	.42614	1.8727	.35173	.51352	.09919	.36704	3.7648	19.511

#1	.05359	.01816	7.9260	.37715	.67088	30.415	.01217	.06109
#2	.05404	.01876	7.9479	.37337	.67141	30.276	.01224	.08029
#3	.05389	.01817	7.8926	.37592	.67221	30.196	.01143	.05594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2817	3.2598	.01115	.90072	.07329	4.888	-.09268	1.3903
Stddev	.0157	.0641	.00027	.00183	.00145	.021	.00152	.0238
%RSD	.68606	1.9659	2.4049	.20339	1.9811	.4235	1.6367	1.7114

#1	2.2991	3.2777	.01125	.90039	.07161	4.907	-.09122	1.3660
#2	2.2688	3.1887	.01085	.89908	.07416	4.866	-.09425	1.4136
#3	2.2773	3.3131	.01136	.90270	.07408	4.892	-.09257	1.3912

Sample Name: K2390-05 Acquired: 4/15/2019 15:51:03 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200050 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 78.511
 Stddev .510
 %RSD .64985

#1 78.127
 #2 79.090
 #3 78.317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5047.5	70912.	4547.7	72.874	4563.2
Stddev	5.6	110.	14.5	1.353	8.6
%RSD	.11067	.15546	.31776	1.8562	.18842

#1	5053.6	70790.	4539.2	74.432	4565.1
#2	5046.1	71003.	4564.4	71.993	4570.6
#3	5042.7	70943.	4539.5	72.198	4553.8

Sample Name: K2397-03 Acquired: 4/15/2019 15:55:32 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-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	.30120	.01092	16.003	-.02660	.04367	93.392	6.6803	.02294
Stddev	.00158	.00130	.009	.00382	.00107	.496	.0346	.00048
%RSD	.52393	11.918	.05484	14.355	2.4501	.53066	.51733	2.1063
#1	.30055	.01071	16.004	-.02729	.04458	93.101	6.6409	.02348
#2	.30300	.01232	15.994	-.02248	.04249	93.964	6.7054	.02282
#3	.30006	.00974	16.011	-.03003	.04395	93.111	6.6948	.02253
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06169	304.42	F 2.3210	.13301	6.7215	421.15	18.290	57.031
Stddev	.00069	1.06	.0069	.00071	.0033	3.20	.107	.429
%RSD	1.1188	.34738	.29954	.53292	.04909	.75922	.58447	.75154
#1	.06118	304.61	2.3191	.13273	6.7178	421.47	18.319	56.571
#2	.06141	303.29	2.3287	.13249	6.7223	424.18	18.380	57.420
#3	.06247	305.38	2.3152	.13382	6.7243	417.81	18.172	57.101
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43897	.06501	11.775	.50781	18.595	10.385	.03816	-.26376
Stddev	.00046	.00044	.052	.00263	.029	.038	.00010	.01075
%RSD	.10484	.67843	.44064	.51855	.15647	.36663	.24963	4.0740
#1	.43844	.06495	11.718	.50697	18.574	10.368	.03826	-.25403
#2	.43920	.06547	11.820	.51076	18.583	10.428	.03816	-.27529
#3	.43928	.06460	11.787	.50570	18.628	10.358	.03807	-.26196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.773	3.4948	1.7146	3.4115	.15109	F 23.36	.91832	.39670
Stddev	.099	.0118	.0065	.0152	.00118	.05	.00807	.19090
%RSD	.52987	.33856	.37963	.44671	.78341	.2094	.87854	48.123
#1	18.717	3.4946	1.7107	3.4044	.15103	23.34	.91968	.49104
#2	18.714	3.4831	1.7110	3.4290	.15230	23.32	.90966	.17699
#3	18.887	3.5068	1.7221	3.4010	.14994	23.42	.92562	.52207

Sample Name: K2397-03 Acquired: 4/15/2019 15:55:32 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 177.92
Stddev	.60
%RSD	.33830

#1	178.05
#2	178.44
#3	177.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4820.2	69218.	4572.3	65.514	3924.2
Stddev	1.7	270.	26.2	1.218	4.6
%RSD	.03585	.38994	.57377	1.8592	.11736

#1	4818.6	69214.	4542.2	64.333	3922.1
#2	4820.0	68951.	4590.3	65.444	3929.5
#3	4822.0	69491.	4584.3	66.766	3921.0

Sample Name: K2397-07 Acquired: 4/15/2019 16:00:02 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-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	.25186	.00935	22.477	.02612	.04444	70.616	10.528	.01427
Stddev	.00180	.00058	.019	.00098	.00120	.197	.087	.00010
%RSD	.71401	6.1550	.08515	3.7694	2.7048	.27891	.82860	.72105
#1	.25191	.00873	22.460	.02638	.04431	70.407	10.462	.01417
#2	.25004	.00946	22.498	.02694	.04570	70.642	10.496	.01427
#3	.25363	.00986	22.472	.02503	.04331	70.798	10.627	.01438
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04057	137.82	.40988	.12885	7.3016	270.00	3.3496	13.754
Stddev	.00009	.69	.00085	.00030	.0058	.48	.0030	.065
%RSD	.22805	.49774	.20646	.23654	.07912	.17837	.08895	.47507
#1	.04047	138.27	.41045	.12865	7.3057	270.21	3.3530	13.824
#2	.04064	137.03	.40891	.12869	7.2950	269.44	3.3479	13.743
#3	.04060	138.16	.41028	.12920	7.3041	270.33	3.3478	13.695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50843	.04984	11.301	.32555	17.466	8.7959	.03953	-.04860
Stddev	.00109	.00008	.021	.00047	.020	.0571	.00030	.00602
%RSD	.21404	.15329	.18659	.14415	.11198	.64977	.75124	12.378
#1	.50732	.04992	11.284	.32581	17.451	8.7469	.03937	-.04167
#2	.50949	.04983	11.295	.32501	17.459	8.8587	.03987	-.05245
#3	.50850	.04977	11.325	.32583	17.488	8.7820	.03935	-.05168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.479	2.3040	2.1180	1.7589	.13380	F 20.31	.72017	1.4795
Stddev	.046	.0231	.0098	.0074	.00054	.06	.00236	.0881
%RSD	.36985	1.0012	.46463	.41901	.40556	.2840	.32835	5.9562
#1	12.426	2.2964	2.1071	1.7556	.13374	20.24	.72161	1.5538
#2	12.501	2.2857	2.1206	1.7536	.13437	20.33	.71745	1.5025
#3	12.509	2.3299	2.1263	1.7673	.13329	20.35	.72147	1.3822

Sample Name: K2397-07 Acquired: 4/15/2019 16:00:02 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 106.41
Stddev	.61
%RSD	.57146

#1	105.82
#2	107.03
#3	106.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5041.7	72077.	4662.6	71.621	4373.6
Stddev	6.8	224.	30.5	.364	4.9
%RSD	.13476	.31065	.65319	.50761	.11231

#1	5034.9	72030.	4644.1	71.839	4368.9
#2	5048.5	72321.	4697.7	71.823	4373.4
#3	5041.6	71881.	4645.9	71.201	4378.7

Sample Name: K2397-11 Acquired: 4/15/2019 16:04:25 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-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	.31232	.00933	22.862	.01010	.03174	76.094	9.4450	.01828
Stddev	.00421	.00251	.312	.00243	.00133	.183	.0151	.00007
%RSD	1.3492	26.889	1.3655	24.100	4.1995	.24069	.15979	.39627
#1	.31572	.01223	23.031	.01054	.03093	76.143	9.4623	.01835
#2	.31363	.00778	23.054	.00748	.03102	75.892	9.4374	.01828
#3	.30761	.00798	22.502	.01229	.03328	76.248	9.4352	.01821
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06477	132.39	.43297	.14358	9.8697	312.49	4.5281	17.568
Stddev	.00156	.04	.00140	.00194	.1306	2.00	.0268	.092
%RSD	2.4159	.02802	.32447	1.3544	1.3229	.63895	.59093	.52345
#1	.06580	132.35	.43275	.14472	9.9430	313.21	4.5580	17.601
#2	.06555	132.40	.43169	.14470	9.9472	310.24	4.5198	17.639
#3	.06297	132.42	.43447	.14134	9.7190	314.03	4.5065	17.464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67582	.06206	17.573	.35030	22.354	7.7173	.03185	-.08197
Stddev	.00803	.00034	.047	.00102	.283	.0317	.00026	.00595
%RSD	1.1874	.55015	.26957	.29223	1.2656	.41078	.82326	7.2625
#1	.68144	.06245	17.622	.34990	22.492	7.7417	.03195	-.08385
#2	.67940	.06191	17.528	.34954	22.542	7.6815	.03205	-.08676
#3	.66663	.06183	17.570	.35147	22.029	7.7287	.03155	-.07531
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.976	1.5045	3.1315	1.9378	.12372	F 23.30	.73185	.89657
Stddev	.169	.0328	.0404	.0085	.00022	.30	.00204	.15749
%RSD	1.2098	2.1812	1.2897	.43643	.17486	1.275	.27872	17.566
#1	14.065	1.5410	3.1557	1.9303	.12369	23.45	.73089	.88919
#2	14.083	1.4950	3.1540	1.9470	.12352	23.49	.73419	.74290
#3	13.781	1.4775	3.0849	1.9362	.12395	22.95	.73047	1.0576

Sample Name: K2397-11 Acquired: 4/15/2019 16:04:25 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 126.82
Stddev	.68
%RSD	.53277

#1	127.47
#2	126.12
#3	126.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5083.3	72293.	4658.8	70.094	4343.2
Stddev	64.2	211.	5.8	.303	56.9
%RSD	1.2623	.29204	.12485	.43258	1.3107

#1	5046.1	72091.	4653.7	70.244	4309.2
#2	5046.3	72513.	4665.1	69.745	4311.6
#3	5157.4	72276.	4657.7	70.293	4409.0

Sample Name: K2397-15 Acquired: 4/15/2019 16:08:56 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-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	.28949	.01040	21.510	.02817	.04105	75.105	9.6197	.01573
Stddev	.00213	.00125	.024	.00377	.00094	.811	.1576	.00011
%RSD	.73690	12.029	.11038	13.367	2.2932	1.0793	1.6377	.67575
#1	.28819	.01174	21.533	.02988	.04001	74.790	9.4690	.01561
#2	.28833	.00926	21.513	.02385	.04129	76.025	9.7833	.01578
#3	.29195	.01019	21.485	.03078	.04184	74.498	9.6069	.01580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04341	79.229	.42924	.11766	9.8255	278.64	2.8832	14.067
Stddev	.00049	3.638	.00179	.00028	.0043	3.35	.0101	.157
%RSD	1.1221	4.5920	.41731	.24210	.04414	1.2035	.35094	1.1149
#1	.04288	76.654	.43088	.11777	9.8305	282.17	2.8940	13.892
#2	.04383	83.392	.42733	.11787	9.8237	275.49	2.8739	14.196
#3	.04351	77.642	.42950	.11734	9.8224	278.27	2.8817	14.113
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43062	.05834	6.6465	.31233	18.491	9.2123	.03090	-.06540
Stddev	.00144	.00025	.0492	.00088	.047	.0681	.00050	.01556
%RSD	.33460	.42384	.74045	.28253	.25278	.73912	1.6253	23.798
#1	.42946	.05859	6.6217	.31222	18.540	9.1824	.03056	-.06344
#2	.43224	.05810	6.7032	.31326	18.487	9.2902	.03066	-.08185
#3	.43018	.05833	6.6146	.31150	18.447	9.1642	.03148	-.05091
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.277	2.0530	2.2210	1.7409	.13432	F 15.99	.69840	1.3631
Stddev	.002	.0775	.0017	.0866	.00743	.06	.04859	.1270
%RSD	.01789	3.7726	.07675	4.9757	5.5308	.3926	6.9577	9.3166
#1	12.275	2.0145	2.2190	1.6888	.13043	16.05	.66757	1.5088
#2	12.277	2.1421	2.2223	1.8409	.14289	15.98	.75441	1.2764
#3	12.279	2.0023	2.2216	1.6931	.12964	15.93	.67322	1.3040

Sample Name: K2397-15 Acquired: 4/15/2019 16:08:56 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 109.62
 Stddev .65
 %RSD .59183

#1 110.16
 #2 109.80
 #3 108.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5030.9	71987.	4800.8	73.575	4392.8
Stddev	2.7	211.	158.0	2.937	.7
%RSD	.05345	.29244	3.2914	3.9918	.01579

#1	5032.4	71827.	4900.4	73.711	4392.8
#2	5032.5	72225.	4618.6	70.573	4392.1
#3	5027.8	71909.	4883.5	76.442	4393.5

Sample Name: K2405-02 Acquired: 4/15/2019 16:13:18 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1D(0-24) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04012	.00058	.33979	-.00086	.00377	109.55	1.0558	.00887
Stddev	.00245	.00225	.00052	.00163	.00052	.40	.0024	.00019
%RSD	6.1050	387.95	.15265	189.28	13.684	.36665	.22788	2.1250
#1	.03991	.00153	.33953	-.00027	.00321	109.28	1.0543	.00893
#2	.03778	.00219	.34038	-.00271	.00422	109.37	1.0544	.00866
#3	.04266	-.00199	.33945	.00039	.00389	110.01	1.0586	.00902
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	287.82	.17309	.10357	.37242	131.45	2.9705	25.950
Stddev	.00013	.82	.00125	.00034	.00090	.44	.0037	.223
%RSD	3.2905	.28335	.72253	.32397	.24255	.33420	.12588	.85763
#1	.00392	288.32	.17234	.10353	.37206	131.89	2.9688	25.711
#2	.00406	288.27	.17240	.10393	.37175	131.02	2.9679	25.989
#3	.00418	286.88	.17454	.10326	.37344	131.45	2.9748	26.151
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22797	.02869	6.6540	.23980	.57103	14.612	.00823	-.00517
Stddev	.00044	.00019	.0284	.00259	.00120	.055	.00025	.00901
%RSD	.19344	.64812	.42638	1.0784	.20935	.37624	3.0234	174.48
#1	.22813	.02869	6.6223	.23761	.57172	14.572	.00814	-.00566
#2	.22831	.02851	6.6626	.23914	.57172	14.590	.00804	.00408
#3	.22747	.02888	6.6771	.24266	.56965	14.675	.00851	-.01393
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.176	1.1996	.02450	2.8935	.15973	4.533	.82414	2.5691
Stddev	.048	.0076	.00044	.0103	.00170	.015	.00125	.2363
%RSD	.46863	.63762	1.7862	.35544	1.0644	.3365	.15132	9.1986
#1	10.229	1.1975	.02454	2.8818	.15780	4.543	.82483	2.8373
#2	10.162	1.1933	.02404	2.9010	.16040	4.540	.82490	2.3915
#3	10.137	1.2081	.02491	2.8979	.16099	4.516	.82270	2.4784

Sample Name: K2405-02 Acquired: 4/15/2019 16:13:18 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1D(0-24) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.513
Stddev	.264
%RSD	.53416

#1	49.223
#2	49.741
#3	49.575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4983.0	70306.	4645.0	72.717	4314.7
Stddev	4.2	52.	17.3	.712	6.5
%RSD	.08334	.07385	.37168	.97969	.14957

#1	4983.5	70302.	4630.0	73.350	4318.4
#2	4978.6	70360.	4641.2	72.856	4307.3
#3	4986.8	70257.	4663.9	71.946	4318.6

Sample Name: K2407-03 Acquired: 4/15/2019 16:17:44 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11-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	.05077	-.00048	16.182	-.01035	.01037	170.40	1.1249	.01136
Stddev	.00327	.00262	.021	.00070	.00084	.36	.0022	.00020
%RSD	6.4354	545.77	.13118	6.7972	8.1110	.21310	.19112	1.7484
#1	.05126	-.00301	16.206	-.01112	.01047	170.72	1.1268	.01120
#2	.04729	-.00066	16.166	-.00974	.00948	170.00	1.1226	.01158
#3	.05377	.00223	16.174	-.01018	.01115	170.47	1.1253	.01130
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01291	63.609	.21188	.12133	.29563	225.01	4.5208	42.607
Stddev	.00026	.132	.00143	.00027	.00146	1.77	.0089	.051
%RSD	2.0261	.20783	.67668	.22062	.49482	.78693	.19781	.11994
#1	.01266	63.519	.21144	.12147	.29520	227.01	4.5162	42.628
#2	.01290	63.761	.21348	.12102	.29442	224.34	4.5152	42.549
#3	.01318	63.548	.21072	.12149	.29726	223.66	4.5311	42.645
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20928	.02142	8.1205	.39937	1.1922	9.9071	.00098	-.06232
Stddev	.00202	.00011	.0216	.00183	.0030	.0273	.00020	.00552
%RSD	.96638	.53422	.26608	.45744	.25025	.27502	20.095	8.8649
#1	.21056	.02138	8.1229	.39981	1.1939	9.9246	.00120	-.05741
#2	.20695	.02133	8.0977	.40094	1.1888	9.8757	.00081	-.06830
#3	.21033	.02155	8.1407	.39736	1.1940	9.9210	.00094	-.06124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9239	5.9537	.04372	3.8132	.13977	6.879	-.03213	.10038
Stddev	.0217	.0313	.00041	.0132	.00028	.011	.00238	.02375
%RSD	.55323	.52621	.94246	.34704	.20035	.1661	7.4189	23.663
#1	3.9117	5.9538	.04415	3.8006	.13967	6.880	-.03487	.08937
#2	3.9112	5.9849	.04368	3.8270	.14009	6.867	-.03054	.08413
#3	3.9490	5.9223	.04333	3.8119	.13956	6.889	-.03099	.12764

Sample Name: K2407-03 Acquired: 4/15/2019 16:17:44 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 91.820
Stddev	.366
%RSD	.39896

#1	91.998
#2	92.063
#3	91.399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5442.7	76749.	4958.3	70.366	4393.0
Stddev	12.0	160.	12.8	.342	9.2
%RSD	.22017	.20836	.25810	.48542	.21004

#1	5429.3	76662.	4966.2	70.013	4382.3
#2	5452.4	76934.	4943.5	70.389	4398.3
#3	5446.3	76652.	4965.2	70.695	4398.4

Sample Name: CCV05 Acquired: 4/15/2019 16:22:17 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7443	5.2133	4.9338	5.0393	4.9019	10.242	10.068	.26293
Stddev	.0476	.0649	.0568	.0430	.0501	.015	.115	.00045
%RSD	1.0032	1.2453	1.1516	.85302	1.0223	.14274	1.1399	.17257
#1	4.7255	5.1703	4.9076	5.0144	4.8868	10.232	10.001	.26243
#2	4.7984	5.2880	4.9990	5.0889	4.9579	10.259	10.003	.26331
#3	4.7089	5.1817	4.8949	5.0145	4.8611	10.235	10.201	.26306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4289	25.745	1.0434	2.4837	1.2519	4.9479	2.6539	25.603
Stddev	.0263	.059	.0018	.0281	.0109	.0060	.0051	.152
%RSD	1.0842	.22749	.17190	1.1301	.87088	.12155	.19135	.59191
#1	2.4157	25.716	1.0417	2.4733	1.2481	4.9409	2.6498	25.465
#2	2.4592	25.707	1.0433	2.5155	1.2642	4.9512	2.6596	25.579
#3	2.4117	25.813	1.0453	2.4623	1.2434	4.9515	2.6523	25.765
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4792	1.2679	25.753	2.5417	2.5080	23.699	4.8911	5.1481
Stddev	.0258	.0013	.137	.0043	.0279	.129	.0503	.0184
%RSD	1.0412	.10084	.53033	.17032	1.1132	.54444	1.0280	.35822
#1	2.4661	1.2693	25.861	2.5416	2.4944	23.820	4.8634	5.1269
#2	2.5090	1.2671	25.798	2.5460	2.5401	23.715	4.9491	5.1603
#3	2.4626	1.2671	25.599	2.5374	2.4895	23.563	4.8607	5.1572
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8129	4.9967	4.8623	5.0334	4.8179	5.263	4.9322	F 3.9420
Stddev	.0571	.0272	.0567	.0296	.0248	.065	.0176	.1701
%RSD	1.1855	.54361	1.1653	.58716	.51475	1.230	.35780	4.3144
#1	4.7732	4.9917	4.8319	5.0174	4.8462	5.217	4.9526	3.9694
#2	4.8783	4.9723	4.9277	5.0153	4.8071	5.337	4.9221	4.0967
#3	4.7873	5.0260	4.8274	5.0675	4.8002	5.235	4.9219	3.7599

Sample Name: CCV05 Acquired: 4/15/2019 16:22:17 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1876
Stddev	.2194
%RSD	6.8826

#1	3.3006
#2	3.3274
#3	2.9348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4777.4	67221.	4240.0	71.967	4626.0
Stddev	42.5	137.	18.8	1.117	47.7
%RSD	.89054	.20315	.44394	1.5516	1.0314

#1	4782.0	67064.	4227.8	71.565	4638.3
#2	4732.8	67315.	4261.7	71.107	4573.4
#3	4817.5	67282.	4230.5	73.229	4666.4

Sample Name: CCB05 Acquired: 4/15/2019 16:26:24 Type: Unk
Method: P4-ICP2(v3049) 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	.00082	.00107	.00104	.00024	-.00160	-.01460	.00110	.00011
Stddev	.00147	.00177	.00013	.00054	.00230	.01428	.00054	.00003
%RSD	178.33	164.82	12.788	227.39	144.13	97.812	49.263	31.452
#1	-.00069	-.00085	.00118	-.00033	-.00367	-.03071	.00073	.00015
#2	.00092	.00144	.00103	.00075	-.00200	-.00962	.00172	.00008
#3	.00224	.00263	.00092	.00029	.00088	-.00348	.00084	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01155	-.00011	.00005	-.00064	.01455	.00028	-.04247
Stddev	.00008	.00710	.00043	.00009	.00051	.00044	.00008	.04587
%RSD	305.14	61.488	406.05	194.15	79.792	3.0014	30.161	108.00
#1	.00008	.00488	.00022	.00015	-.00105	.01416	.00022	-.01662
#2	.00006	.01901	.00006	.00001	-.00007	.01502	.00037	-.01537
#3	-.00007	.01076	-.00060	-.00002	-.00080	.01448	.00025	-.09543
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00040	-.14190	-.00020	.00087	-.00743	.00034	-.01919
Stddev	.00034	.00020	.00463	.00045	.00014	.01529	.00009	.00068
%RSD	330.40	49.115	3.2605	222.65	15.713	205.72	25.187	3.5309
#1	.00031	.00059	-.14724	-.00073	.00102	-.02502	.00031	-.01851
#2	-.00029	.00043	-.13932	.00004	.00078	.00268	.00044	-.01986
#3	.00029	.00019	-.13914	.00007	.00080	.00004	.00028	-.01921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00623	.00383	.00004	.00049	-.00068	-.0054	-.00048	F 2.8689
Stddev	.00202	.00147	.00052	.00151	.00175	.0005	.00002	.1662
%RSD	32.466	38.415	1178.9	307.54	256.43	9.840	4.7597	5.7946
#1	.00788	.00216	.00055	.00219	.00116	-.0052	-.00047	2.9374
#2	.00685	.00441	.00008	-.00001	-.00232	-.0050	-.00051	2.9899
#3	.00397	.00493	-.00050	-.00071	-.00088	-.0060	-.00047	2.6793

Sample Name: CCB05 Acquired: 4/15/2019 16:26:24 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .56371
Stddev	.33024
%RSD	58.584

#1	.68147
#2	.81893
#3	.19072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5035.3	70929.	4273.8	76.896	5380.8
Stddev	15.6	297.	21.1	.523	19.4
%RSD	.31058	.41921	.49412	.67956	.35983

#1	5022.7	70603.	4264.5	77.216	5365.7
#2	5030.4	70998.	4259.0	76.293	5374.1
#3	5052.8	71185.	4298.0	77.180	5402.6

Sample Name: K2407-07 Acquired: 4/15/2019 16:30:53 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11-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	.03021	.00431	.19014	-.00649	.00939	160.75	.68429	.01035
Stddev	.00077	.00124	.00164	.00285	.00036	1.17	.00848	.00011
%RSD	2.5409	28.737	.86354	43.919	3.8245	.72986	1.2387	1.0309

#1	.03086	.00403	.19127	-.00325	.00937	159.44	.67479	.01041
#2	.03040	.00323	.19090	-.00861	.00905	161.12	.68701	.01023
#3	.02937	.00566	.18826	-.00761	.00977	161.70	.69107	.01042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	12.871	.17147	.09230	.17167	202.32	4.3594	35.485
Stddev	.00002	.021	.00214	.00034	.00013	.66	.0153	.384
%RSD	.30265	.16243	1.2456	.36708	.07560	.32769	.35044	1.0827

#1	.00688	12.850	.17099	.09223	.17182	201.79	4.3421	35.106
#2	.00689	12.892	.16961	.09200	.17162	203.06	4.3653	35.474
#3	.00692	12.870	.17380	.09267	.17158	202.11	4.3709	35.874

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16424	.01880	6.4389	.31399	.44000	9.2702	.00030	-.04515
Stddev	.00018	.00053	.0679	.00222	.00165	.1056	.00036	.00570
%RSD	.11222	2.7951	1.0545	.70637	.37581	1.1393	120.23	12.631

#1	.16445	.01890	6.3605	.31384	.44176	9.1563	.00016	-.04782
#2	.16415	.01927	6.4759	.31184	.43847	9.2892	.00003	-.03860
#3	.16412	.01823	6.4802	.31627	.43978	9.3650	.00070	-.04903

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76567	8.4906	.01471	2.3531	.12040	6.976	-.13061	.58624
Stddev	.00250	.1036	.00035	.0075	.00048	.024	.00109	.33995
%RSD	.32621	1.2197	2.3654	.31890	.39734	.3405	.83756	57.987

#1	.76417	8.6024	.01511	2.3453	.12095	6.949	-.12974	.69376
#2	.76856	8.3979	.01447	2.3602	.12004	6.995	-.13183	.85943
#3	.76429	8.4714	.01454	2.3538	.12023	6.983	-.13025	.20554

Sample Name: K2407-07 Acquired: 4/15/2019 16:30:53 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 81.123
 Stddev .043
 %RSD .05274

#1 81.099
 #2 81.098
 #3 81.173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5429.5	76044.	4873.1	72.496	4529.3
Stddev	1.8	282.	35.4	.495	6.2
%RSD	.03303	.37047	.72631	.68250	.13776

#1	5428.2	76301.	4833.5	72.851	4522.2
#2	5428.7	76089.	4884.4	71.931	4533.8
#3	5431.5	75743.	4901.5	72.707	4532.0

Sample Name: K2407-11 Acquired: 4/15/2019 16:35:29 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17-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	.01650	.00239	.20688	-.00203	.00368	68.312	.30166	.00587
Stddev	.00036	.00094	.00021	.00212	.00109	.150	.00018	.00024
%RSD	2.1800	39.329	.09916	104.61	29.607	.21941	.05896	4.0449

#1	.01651	.00265	.20666	.00013	.00332	68.139	.30186	.00560
#2	.01614	.00134	.20706	-.00211	.00282	68.404	.30153	.00606
#3	.01686	.00317	.20692	-.00410	.00491	68.393	.30158	.00594

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	14.871	.10244	.05946	.17744	140.18	2.5016	21.338
Stddev	.00001	.106	.00031	.00030	.00108	.24	.0043	.146
%RSD	.40220	.71250	.30208	.50509	.61038	.16854	.17159	.68586

#1	.00254	14.752	.10220	.05969	.17662	139.91	2.4970	21.177
#2	.00254	14.954	.10232	.05912	.17866	140.31	2.5056	21.376
#3	.00252	14.908	.10279	.05956	.17702	140.33	2.5020	21.462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09967	.01568	1.3176	.20325	.40364	5.2792	.00009	-.02940
Stddev	.00013	.00018	.0071	.00112	.00019	.0172	.00017	.00811
%RSD	.12870	1.1764	.53741	.55028	.04671	.32538	192.09	27.574

#1	.09956	.01585	1.3251	.20196	.40344	5.2792	-.00010	-.03173
#2	.09963	.01548	1.3110	.20386	.40366	5.2621	.00013	-.03610
#3	.09981	.01572	1.3165	.20393	.40381	5.2964	.00023	-.02039

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40277	3.8553	.01267	2.2543	.06639	3.891	-.07570	1.4090
Stddev	.00213	.0802	.00041	.0096	.00065	.024	.00021	.1024
%RSD	.52882	2.0805	3.2069	.42418	.97928	.6050	.28270	7.2646

#1	.40326	3.8782	.01299	2.2441	.06573	3.870	-.07556	1.3650
#2	.40461	3.7661	.01281	2.2559	.06703	3.917	-.07595	1.5260
#3	.40044	3.9215	.01222	2.2630	.06643	3.885	-.07559	1.3360

Sample Name: K2407-11 Acquired: 4/15/2019 16:35:29 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 53.864
 Stddev .372
 %RSD .69042

#1 53.442
 #2 54.145
 #3 54.004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5240.3	73654.	4637.0	73.252	4732.5
Stddev	5.7	162.	18.1	.602	5.4
%RSD	.10799	.21932	.38970	.82243	.11435

#1	5234.9	73803.	4656.2	73.487	4726.3
#2	5239.9	73675.	4634.5	72.568	4735.6
#3	5246.2	73482.	4620.3	73.702	4735.7

Sample Name: K2407-11DUP Acquired: 4/15/2019 16:39:49 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01554	.00113	.20820	-.00417	.00432	67.871	.29870	.00589
Stddev	.00171	.00283	.00235	.00159	.00104	.112	.00103	.00013
%RSD	10.991	250.73	1.1275	38.125	24.172	.16472	.34635	2.2509

#1	.01540	.00330	.20730	-.00412	.00430	67.822	.29983	.00599
#2	.01390	-.00207	.20643	-.00578	.00329	67.792	.29779	.00595
#3	.01731	.00216	.21086	-.00260	.00538	67.999	.29847	.00574

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	14.843	.10176	.05920	.17733	138.65	2.4950	21.201
Stddev	.00015	.021	.00115	.00039	.00093	.95	.0024	.083
%RSD	5.5111	.14235	1.1256	.65753	.52721	.68204	.09584	.39071

#1	.00278	14.824	.10220	.05965	.17723	138.80	2.4922	21.155
#2	.00289	14.840	.10046	.05899	.17831	137.64	2.4963	21.152
#3	.00259	14.866	.10263	.05896	.17645	139.52	2.4965	21.297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09873	.01493	1.2994	.20101	.39837	5.2875	.00000	-.02684
Stddev	.00009	.00021	.0132	.00142	.00036	.0198	.00018	.01622
%RSD	.09111	1.3949	1.0165	.70531	.09158	.37420	10731.	60.451

#1	.09865	.01507	1.3053	.20132	.39814	5.2774	.00021	-.02782
#2	.09883	.01469	1.2843	.19947	.39879	5.2749	-.00005	-.04255
#3	.09872	.01503	1.3087	.20225	.39818	5.3103	-.00015	-.01015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39994	3.7574	.01259	2.2461	.06712	3.919	-.07433	1.3224
Stddev	.00094	.0289	.00090	.0051	.00024	.017	.00094	.2066
%RSD	.23514	.77026	7.1641	.22645	.35254	.4391	1.2702	15.623

#1	.39972	3.7906	.01349	2.2410	.06734	3.931	-.07472	1.0897
#2	.40098	3.7376	.01168	2.2512	.06687	3.899	-.07325	1.4841
#3	.39913	3.7440	.01259	2.2461	.06715	3.927	-.07501	1.3935

Sample Name: K2407-11DUP Acquired: 4/15/2019 16:39:49 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-SDUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	53.026
Stddev	.156
%RSD	.29383

#1	52.879
#2	53.011
#3	53.189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5256.0	74152.	4673.6	73.792	4751.4
Stddev	5.6	119.	5.9	1.248	2.3
%RSD	.10643	.16010	.12619	1.6908	.04941

#1	5252.9	74074.	4667.6	73.744	4749.0
#2	5252.5	74289.	4673.8	72.569	4751.4
#3	5262.4	74094.	4679.4	75.063	4753.7

Sample Name: K2407-11LX5 Acquired: 4/15/2019 16:44:11 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118885BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.00166	.03952	.00172	-.00205	13.876	.06328	.00112
Stddev	.00091	.00026	.00014	.00078	.00144	.038	.00074	.00008
%RSD	30.592	15.568	.35532	45.168	69.993	.27455	1.1721	6.9803
#1	.00385	.00187	.03952	.00096	-.00335	13.917	.06243	.00121
#2	.00301	.00137	.03967	.00170	-.00231	13.869	.06363	.00110
#3	.00204	.00175	.03939	.00251	-.00051	13.841	.06379	.00105
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	3.1585	.02069	.01140	.03744	32.334	.52888	4.3866
Stddev	.00010	.0127	.00056	.00024	.00017	.200	.00072	.0439
%RSD	45.156	.40280	2.7005	2.1002	.45112	.61792	.13537	1.0002
#1	-.00032	3.1603	.02061	.01137	.03748	32.469	.52889	4.3360
#2	-.00020	3.1702	.02129	.01118	.03726	32.428	.52816	4.4136
#3	-.00013	3.1449	.02018	.01165	.03759	32.104	.52960	4.4102
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01862	.00366	.13788	.04186	.07299	1.0629	-.00025	-.01283
Stddev	.00018	.00007	.00730	.00041	.00011	.0258	.00012	.01557
%RSD	.94236	1.9550	5.2967	.97304	.14681	2.4258	47.180	121.32
#1	.01875	.00358	.12962	.04228	.07311	1.0865	-.00035	-.01640
#2	.01870	.00366	.14348	.04147	.07292	1.0667	-.00012	.00421
#3	.01842	.00372	.14055	.04182	.07294	1.0354	-.00027	-.02630
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08002	.84570	.00106	.47366	.01207	.7169	-.01937	2.3691
Stddev	.00173	.02208	.00026	.00222	.00034	.0034	.00023	.0429
%RSD	2.1620	2.6106	24.069	.46947	2.8036	.4771	1.1672	1.8112
#1	.08067	.87119	.00081	.47360	.01214	.7206	-.01962	2.4125
#2	.07806	.83359	.00104	.47591	.01170	.7139	-.01933	2.3267
#3	.08134	.83234	.00132	.47147	.01237	.7160	-.01917	2.3681

Sample Name: K2407-11LX5 Acquired: 4/15/2019 16:44:11 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118885BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.991
Stddev	.117
%RSD	.97514

#1	11.858
#2	12.076
#3	12.039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5105.3	72181.	4416.8	77.223	5175.5
Stddev	5.9	87.	29.3	.826	13.7
%RSD	.11624	.12089	.66356	1.0692	.26484

#1	5098.5	72105.	4425.0	76.355	5159.9
#2	5109.2	72161.	4384.2	77.998	5181.0
#3	5108.2	72276.	4441.1	77.318	5185.6

Sample Name: K2407-11MS Acquired: 4/15/2019 16:48:42 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-SMS 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	.69266	2.0678	1.1908	1.8561	.16224	70.646	.47824	.20414	.19609
Stddev	.00143	.0044	.0033	.0106	.00238	.113	.00177	.00039	.00009
%RSD	.20695	.21214	.27399	.57288	1.4689	.15960	.36972	.19057	.04765
#1	.69339	2.0725	1.1873	1.8463	.15951	70.527	.47719	.20421	.19616
#2	.69100	2.0669	1.1938	1.8548	.16330	70.661	.48028	.20450	.19613
#3	.69357	2.0639	1.1913	1.8674	.16391	70.751	.47725	.20373	.19598
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.152	.48105	.25767	.45574	129.12	2.5820	21.925	.59573	.07914
Stddev	.058	.00078	.00036	.00026	.05	.0013	.231	.00268	.00009
%RSD	.38603	.16118	.13802	.05791	.03989	.04990	1.0536	.45014	.11725
#1	15.185	.48037	.25728	.45574	129.15	2.5834	21.750	.59317	.07921
#2	15.084	.48189	.25797	.45601	129.06	2.5809	22.187	.59852	.07917
#3	15.186	.48090	.25775	.45548	129.15	2.5817	21.838	.59551	.07903
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2975	.46590	.58107	13.429	.32740	.21519	.36806	2.9620	.64751
Stddev	.0238	.00058	.00055	.038	.00126	.00186	.00101	.0267	.00192
%RSD	.55282	.12435	.09437	.28328	.38475	.86388	.27342	.90147	.29694
#1	4.2838	.46651	.58114	13.389	.32642	.21651	.36701	2.9716	.64549
#2	4.3249	.46582	.58158	13.464	.32882	.21307	.36901	2.9825	.64932
#3	4.2838	.46536	.58049	13.434	.32697	.21600	.36817	2.9318	.64772
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	2.3004	.24659	9.851	.11816	1.5728	47.405			
Stddev	.0051	.00188	.017	.00073	.0436	.175			
%RSD	.22205	.76266	.1741	.62183	2.7729	.37005			
#1	2.2979	.24485	9.861	.11827	1.5860	47.432			
#2	2.2970	.24859	9.860	.11737	1.6083	47.565			
#3	2.3063	.24632	9.831	.11883	1.5241	47.218			

Sample Name: K2407-11MS Acquired: 4/15/2019 16:48:42 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-SMS 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	5285.2	74451.	4658.3	73.727	4761.1
Stddev	10.1	75.	27.2	.288	9.0
%RSD	.19184	.10100	.58444	.38997	.18853
#1	5295.2	74465.	4648.4	73.947	4771.3
#2	5285.4	74517.	4689.1	73.832	4754.2
#3	5274.9	74369.	4637.4	73.402	4757.9

Sample Name: K2407-11MSD Acquired: 4/15/2019 16:52:53 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-SMSD 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	.69285	2.0566	1.2087	1.8446	.16520	70.574	.47827	.20329	.19525
Stddev	.00158	.0106	.0018	.0090	.00283	.147	.00004	.00068	.00026
%RSD	.22743	.51622	.15124	.48964	1.7122	.20873	.00806	.33361	.13269
#1	.69320	2.0588	1.2070	1.8507	.16715	70.713	.47824	.20407	.19555
#2	.69422	2.0451	1.2085	1.8342	.16195	70.420	.47826	.20292	.19510
#3	.69113	2.0660	1.2106	1.8488	.16649	70.590	.47831	.20287	.19510
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.300	.47912	.25701	.45573	127.00	2.5535	21.784	.59266	.07872
Stddev	.035	.00141	.00024	.00067	.58	.0017	.064	.00018	.00032
%RSD	.22688	.29464	.09295	.14788	.45850	.06543	.29376	.02980	.41193
#1	15.337	.48060	.25694	.45577	127.51	2.5554	21.842	.59257	.07901
#2	15.267	.47778	.25681	.45503	126.37	2.5525	21.795	.59256	.07837
#3	15.297	.47898	.25727	.45638	127.14	2.5525	21.715	.59287	.07878
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3020	.46062	.57844	13.488	.32839	.22094	.37268	3.1226	.64535
Stddev	.0175	.00065	.00089	.052	.00077	.01082	.00267	.0268	.00128
%RSD	.40746	.14010	.15303	.38318	.23479	4.8979	.71680	.85967	.19761
#1	4.3086	.46108	.57827	13.536	.32895	.21038	.37468	3.1536	.64486
#2	4.3154	.45988	.57940	13.433	.32751	.23201	.36965	3.1066	.64439
#3	4.2822	.46089	.57765	13.495	.32870	.22043	.37372	3.1077	.64680
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	2.3346	.24590	9.750	.12171	1.6293	46.010			
Stddev	.0132	.00099	.053	.00042	.0156	.380			
%RSD	.56683	.40299	.5443	.34335	.95664	.82649			
#1	2.3485	.24679	9.747	.12175	1.6258	45.662			
#2	2.3222	.24483	9.698	.12127	1.6157	46.416			
#3	2.3329	.24607	9.804	.12210	1.6463	45.953			

Sample Name: K2407-11MSD Acquired: 4/15/2019 16:52:53 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-SMSD 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	5263.7	74010.	4605.6	74.460	4756.7
Stddev	9.0	314.	31.1	.871	8.6
%RSD	.17094	.42485	.67519	1.1703	.18021
#1	5257.6	73699.	4577.3	73.618	4752.6
#2	5259.4	74328.	4638.9	74.404	4751.0
#3	5274.0	74002.	4600.6	75.358	4766.6

Sample Name: K2407-11A Acquired: 4/15/2019 16:57:04 Type: Unk
Method: P4-ICP2(v3049) 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	.68993	2.0660	1.2106	1.8551	.16460	70.668	.48005	.20377	.19561
Stddev	.00276	.0008	.0030	.0033	.00148	.170	.00108	.00042	.00027
%RSD	.39992	.03965	.25048	.17623	.90168	.23998	.22513	.20583	.13715
#1	.68850	2.0669	1.2118	1.8529	.16299	70.485	.48059	.20338	.19544
#2	.69311	2.0655	1.2129	1.8534	.16489	70.699	.48075	.20371	.19547
#3	.68817	2.0655	1.2072	1.8588	.16592	70.819	.47880	.20421	.19592
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.256	.48172	.25676	.45552	127.36	2.5585	21.848	.59283	.07954
Stddev	.049	.00048	.00076	.00238	1.34	.0052	.128	.00077	.00055
%RSD	.31972	.09888	.29610	.52334	1.0517	.20249	.58473	.12949	.68526
#1	15.279	.48126	.25617	.45435	128.62	2.5559	21.779	.59321	.08017
#2	15.290	.48170	.25762	.45826	127.50	2.5645	21.995	.59333	.07917
#3	15.200	.48221	.25648	.45394	125.95	2.5551	21.769	.59194	.07929
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2974	.46104	.57748	13.520	.32822	.21643	.37267	3.0393	.64418
Stddev	.0147	.00100	.00101	.075	.00073	.01434	.00340	.0375	.00213
%RSD	.34109	.21687	.17509	.55830	.22175	6.6246	.91239	1.2331	.33054
#1	4.2895	.46039	.57644	13.488	.32753	.23195	.37615	3.0805	.64556
#2	4.3143	.46219	.57754	13.606	.32898	.21364	.37250	3.0073	.64525
#3	4.2884	.46054	.57845	13.466	.32814	.20369	.36935	3.0302	.64173
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	2.3274	.24638	9.792	.12153	1.5283	46.532			
Stddev	.0043	.00055	.016	.00110	.0668	.391			
%RSD	.18654	.22197	.1613	.90877	4.3718	.84057			
#1	2.3324	.24598	9.774	.12058	1.4899	46.964			
#2	2.3245	.24700	9.801	.12126	1.6055	46.202			
#3	2.3253	.24615	9.801	.12274	1.4896	46.431			

Sample Name: K2407-11A Acquired: 4/15/2019 16:57:04 Type: Unk
Method: P4-ICP2(v3049) 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	5261.3	73961.	4620.8	73.631	4752.4
Stddev	15.5	103.	19.8	.551	7.0
%RSD	.29385	.13896	.42914	.74826	.14642
#1	5272.7	73913.	4598.0	73.991	4756.1
#2	5243.7	73892.	4633.8	73.906	4744.4
#3	5267.6	74080.	4630.6	72.997	4756.7

Sample Name: K2199-10A Acquired: 4/15/2019 17:01:14 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00041	.00533	.00333	-.00260	.42521	.13412	.00017
Stddev	.00050	.00098	.00055	.00161	.00086	.00702	.00045	.00003
%RSD	53.297	238.06	10.262	48.246	33.177	1.6508	.33741	16.844
#1	-.00037	-.00116	.00474	.00517	-.00165	.43028	.13464	.00014
#2	-.00129	-.00078	.00583	.00255	-.00333	.41720	.13381	.00020
#3	-.00113	.00070	.00541	.00226	-.00281	.42815	.13393	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	43.102	.00103	.00689	.00835	.29736	.75283	5.0301
Stddev	.00007	.147	.00023	.00009	.00025	.00216	.00088	.0514
%RSD	28.961	.34039	22.274	1.3501	2.9421	.72514	.11655	1.0215
#1	.00031	43.186	.00129	.00688	.00858	.29493	.75331	5.0076
#2	.00027	42.933	.00084	.00680	.00838	.29810	.75335	4.9938
#3	.00017	43.187	.00097	.00698	.00809	.29904	.75181	5.0889
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00860	-.00026	310.14	.00033	.06472	.88527	.00010	.00267
Stddev	.00046	.00030	2.09	.00028	.00004	.02617	.00007	.01278
%RSD	5.3291	117.88	.67403	85.292	.06449	2.9566	73.844	479.50
#1	.00861	-.00030	308.27	.00040	.06467	.90999	.00017	.00338
#2	.00814	-.00054	312.40	.00002	.06475	.88795	.00009	.01507
#3	.00905	.00006	309.75	.00058	.06473	.85785	.00003	-.01046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62860	2.3958	.00062	.01336	.00108	.0015	.12091	3.8645
Stddev	.00696	.0232	.00032	.00058	.00016	.0021	.00036	.0879
%RSD	1.1068	.96743	51.394	4.3622	14.764	137.3	.29720	2.2747
#1	.63625	2.3695	.00035	.01296	.00099	-.0001	.12057	3.8588
#2	.62265	2.4047	.00054	.01403	.00099	.0038	.12087	3.9552
#3	.62689	2.4132	.00098	.01308	.00126	.0008	.12129	3.7796

Sample Name: K2199-10A Acquired: 4/15/2019 17:01:14 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6193
 Stddev .5508
 %RSD 34.014

#1 1.1191
 #2 1.5293
 #3 2.2096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4696.2	65686.	4246.3	74.547	4555.4
Stddev	6.2	232.	19.4	1.050	10.3
%RSD	.13263	.35270	.45806	1.4084	.22668

#1	4696.5	65423.	4240.7	73.411	4546.4
#2	4702.4	65858.	4268.0	74.746	4566.6
#3	4689.9	65779.	4230.3	75.483	4553.1

Sample Name: K2199-10DUP Acquired: 4/15/2019 17:05:45 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00024	.00654	.00237	-.00192	.42622	.13590	.00010
Stddev	.00037	.00095	.00033	.00179	.00088	.00933	.00036	.00006
%RSD	73.784	389.90	5.0979	75.604	45.591	2.1898	.26443	54.490

#1	-.00027	.00040	.00680	.00274	-.00091	.43411	.13576	.00005
#2	-.00031	.00020	.00665	.00395	-.00242	.42864	.13630	.00017
#3	-.00093	-.00133	.00616	.00042	-.00243	.41592	.13562	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	43.466	.00114	.00676	.00832	.29919	.76260	5.0712
Stddev	.00006	.232	.00026	.00012	.00013	.00242	.00072	.0493
%RSD	30.210	.53419	22.843	1.7441	1.5362	.80978	.09506	.97257

#1	.00024	43.728	.00089	.00685	.00828	.30169	.76342	5.0358
#2	.00013	43.288	.00112	.00662	.00846	.29904	.76235	5.0502
#3	.00023	43.380	.00141	.00680	.00822	.29685	.76204	5.1275

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00872	-.00016	311.98	.00031	.06776	.98641	.00001	-.01572
Stddev	.00037	.00021	.85	.00035	.00144	.02141	.00005	.01400
%RSD	4.2973	127.16	.27332	113.61	2.1261	2.1705	613.07	89.090

#1	.00831	-.00040	311.25	.00049	.06629	.96730	.00003	-.02348
#2	.00904	.00000	312.91	-.00010	.06780	.98237	-.00005	.00045
#3	.00880	-.00010	311.77	.00054	.06917	1.0095	.00003	-.02413

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63793	2.4110	-.00006	.01030	.00407	.0005	.12211	4.1135
Stddev	.00356	.0149	.00018	.00112	.00082	.0001	.00062	.0866
%RSD	.55862	.61695	317.98	10.901	20.027	15.64	.50409	2.1042

#1	.64076	2.3950	.00006	.01090	.00353	.0004	.12166	4.1843
#2	.63911	2.4137	-.00027	.00901	.00367	.0005	.12186	4.0170
#3	.63393	2.4244	.00004	.01100	.00501	.0005	.12281	4.1391

Sample Name: K2199-10DUP Acquired: 4/15/2019 17:05:45 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5872
 Stddev .2102
 %RSD 13.242

#1 1.3867
 #2 1.5691
 #3 1.8059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4695.9	65574.	4248.5	75.586	4545.6
Stddev	15.1	334.	7.1	.947	12.0
%RSD	.32166	.50924	.16826	1.2523	.26301

#1	4686.0	65258.	4243.1	75.643	4532.9
#2	4688.4	65541.	4256.6	76.503	4547.1
#3	4713.3	65923.	4245.7	74.613	4556.7

Sample Name: K2199-10LX5 Acquired: 4/15/2019 17:10:16 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118885BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00003	.00098	-.00019	-.00108	.06623	.02809	.00012
Stddev	.00145	.00090	.00043	.00060	.00037	.00039	.00062	.00003
%RSD	138.80	3083.8	44.425	311.53	33.797	.59636	2.1991	22.061

#1	.00035	-.00100	.00148	.00047	-.00131	.06579	.02837	.00012
#2	-.00094	.00059	.00071	-.00034	-.00127	.06635	.02853	.00014
#3	-.00254	.00050	.00074	-.00070	-.00066	.06655	.02739	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	9.0926	-.00002	.00123	.00114	.06634	.15873	1.0445
Stddev	.00003	.0101	.00025	.00030	.00031	.00088	.00084	.0702
%RSD	149.08	.11071	1143.7	24.651	27.058	1.3278	.52918	6.7223

#1	-.00001	9.0945	-.00000	.00103	.00080	.06549	.15966	.98632
#2	.00002	9.1016	-.00028	.00158	.00139	.06629	.15851	1.0248
#3	.00005	9.0817	.00022	.00108	.00122	.06725	.15802	1.1225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00052	63.303	-.00047	.01335	.27736	-.00011	-.02023
Stddev	.00005	.00040	.170	.00008	.00010	.01201	.00017	.00880
%RSD	3.7246	76.591	.26775	16.714	.71596	4.3290	156.87	43.510

#1	.00123	.00050	63.479	-.00055	.01345	.26774	-.00031	-.02212
#2	.00117	.00013	63.141	-.00040	.01326	.29082	.00001	-.02794
#3	.00126	.00092	63.287	-.00045	.01336	.27353	-.00003	-.01064

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12751	.51735	-.00110	.00320	.00285	-.0050	.02491	3.1224
Stddev	.00381	.00265	.00023	.00184	.00019	.0023	.00009	.0657
%RSD	2.9870	.51136	21.186	57.414	6.8011	45.77	.36569	2.1049

#1	.13018	.51548	-.00112	.00185	.00304	-.0059	.02501	3.0778
#2	.12921	.52037	-.00085	.00246	.00287	-.0068	.02489	3.1979
#3	.12315	.51619	-.00132	.00529	.00266	-.0024	.02483	3.0916

Sample Name: K2199-10LX5 Acquired: 4/15/2019 17:10:16 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118885BS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .66736
 Stddev .31090
 %RSD 46.586

#1 .34752
 #2 .96847
 #3 .68608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4926.4	69013.	4322.9	76.880	4966.2
Stddev	2.7	86.	9.7	.977	7.3
%RSD	.05400	.12445	.22481	1.2708	.14731

#1	4923.6	68956.	4332.1	77.613	4957.8
#2	4926.8	69112.	4312.7	77.256	4969.2
#3	4928.9	68972.	4323.9	75.770	4971.5

Sample Name: CCV06 Acquired: 4/15/2019 17:14:41 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8132 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7243	5.2227	4.9576	5.0368	4.9043	10.371	10.137	.26449
Stddev	.0068	.0113	.0037	.0110	.0047	.086	.063	.00086
%RSD	.14326	.21694	.07422	.21763	.09549	.82543	.62270	.32336
#1	4.7310	5.2245	4.9615	5.0449	4.9071	10.408	10.119	.26364
#2	4.7245	5.2331	4.9572	5.0411	4.9069	10.431	10.207	.26535
#3	4.7174	5.2106	4.9542	5.0243	4.8989	10.273	10.085	.26448
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4380	26.067	1.0529	2.4854	1.2540	4.9589	2.6732	25.891
Stddev	.0011	.094	.0043	.0013	.0008	.0152	.0056	.298
%RSD	.04417	.35952	.40378	.05094	.06010	.30668	.20845	1.1500
#1	2.4373	25.959	1.0553	2.4848	1.2536	4.9637	2.6723	25.802
#2	2.4392	26.113	1.0554	2.4847	1.2549	4.9711	2.6792	26.224
#3	2.4374	26.129	1.0480	2.4869	1.2536	4.9419	2.6682	25.649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4841	1.2676	25.962	2.5579	2.5202	23.916	4.8855	5.1695
Stddev	.0026	.0031	.174	.0035	.0021	.102	.0079	.0597
%RSD	.10323	.24122	.67161	.13766	.08468	.42829	.16161	1.1544
#1	2.4822	1.2694	26.005	2.5594	2.5216	24.008	4.8794	5.1661
#2	2.4870	1.2693	26.111	2.5603	2.5212	23.933	4.8945	5.2309
#3	2.4830	1.2640	25.770	2.5538	2.5177	23.806	4.8828	5.1116
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7918	4.9930	4.8697	5.0610	4.8494	5.311	4.9579	F 3.5381
Stddev	.0251	.0297	.0019	.0041	.0259	.031	.0175	.0827
%RSD	.52373	.59402	.03952	.08128	.53361	.5779	.35362	2.3378
#1	4.8074	4.9775	4.8698	5.0657	4.8578	5.315	4.9558	3.5945
#2	4.8052	4.9743	4.8717	5.0581	4.8204	5.340	4.9416	3.4432
#3	4.7629	5.0272	4.8678	5.0591	4.8700	5.279	4.9764	3.5767

Sample Name: CCV06 Acquired: 4/15/2019 17:14:41 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8132 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3552
Stddev .3267
%RSD 9.7384

#1 2.9978
#2 3.6387
#3 3.4290

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4858.6	68104.	4308.4	74.130	4693.8
Stddev	7.2	313.	17.4	.184	3.3
%RSD	.14769	.45972	.40478	.24805	.06972

#1	4866.9	67901.	4309.5	74.183	4697.5
#2	4854.5	67945.	4325.3	74.283	4691.3
#3	4854.4	68464.	4290.5	73.926	4692.7

Sample Name: CCB06 Acquired: 4/15/2019 17:18:48 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8132 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00126	-.00104	.00002	-.00156	-.01205	.00080	-.00001
Stddev	.00072	.00052	.00023	.00022	.00134	.00671	.00013	.00002
%RSD	1069.1	41.550	21.982	899.52	85.408	55.669	16.607	351.36
#1	-.00037	.00097	-.00091	.00027	-.00304	-.01708	.00086	.00001
#2	-.00059	.00094	-.00090	-.00005	-.00045	-.00443	.00065	-.00003
#3	.00075	.00186	-.00130	-.00015	-.00120	-.01465	.00088	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00486	-.00026	-.00019	-.00052	.00170	.00002	-.06792
Stddev	.00002	.00946	.00011	.00018	.00020	.00033	.00004	.01986
%RSD	45.211	194.88	41.971	95.148	39.244	19.688	186.09	29.234
#1	.00004	.00744	-.00039	.00001	-.00033	.00198	.00005	-.05970
#2	.00003	.01276	-.00020	-.00023	-.00049	.00177	-.00003	-.05349
#3	.00007	-.00563	-.00020	-.00035	-.00073	.00133	.00004	-.09057
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00023	-.09728	-.00042	.00031	.01769	.00002	-.01828
Stddev	.00011	.00017	.00298	.00008	.00001	.01131	.00016	.00861
%RSD	249.38	72.213	3.0684	18.644	3.8951	63.920	831.42	47.103
#1	-.00006	.00031	-.09495	-.00050	.00033	.02438	.00020	-.01127
#2	-.00015	.00035	-.10064	-.00034	.00030	.02407	-.00007	-.01569
#3	.00007	.00004	-.09624	-.00044	.00031	.00464	-.00007	-.02789
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00250	-.00018	.00150	-.00024	-.0056	-.00041	F 2.1363
Stddev	.00189	.00109	.00057	.00095	.00031	.0013	.00006	.1532
%RSD	59.314	43.505	315.15	63.429	126.20	23.58	14.322	7.1691
#1	.00116	.00195	.00043	.00227	-.00040	-.0063	-.00035	2.2161
#2	.00490	.00180	-.00027	.00044	.00011	-.0041	-.00044	2.2330
#3	.00351	.00376	-.00070	.00180	-.00044	-.0065	-.00046	1.9597

Sample Name: CCB06 Acquired: 4/15/2019 17:18:48 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8132 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .60683
Stddev	.14119
%RSD	23.267

#1	.68093
#2	.69555
#3	.44401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5080.8	71080.	4321.1	78.043	5425.3
Stddev	11.3	158.	10.7	1.422	15.7
%RSD	.22232	.22270	.24818	1.8215	.29003

#1	5072.3	70970.	4320.6	79.432	5410.1
#2	5076.6	71008.	4332.2	76.591	5424.4
#3	5093.7	71261.	4310.7	78.107	5441.5

Sample Name: K2199-10MS Acquired: 4/15/2019 17:23:16 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 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	.72737	1.9191	.94090	2.0104	.75009	2.4336	.33741	.20751	.18919
Stddev	.00503	.0151	.00720	.0061	.00170	.0282	.00090	.00048	.00056
%RSD	.69194	.78878	.76472	.30495	.22719	1.1580	.26778	.23027	.29695

#1	.73299	1.9132	.93747	2.0057	.75024	2.4073	.33675	.20790	.18861
#2	.72327	1.9078	.93606	2.0081	.74832	2.4301	.33704	.20698	.18973
#3	.72585	1.9363	.94916	2.0173	.75172	2.4634	.33844	.20767	.18923

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.045	.41966	.20255	.30315	3.1831	.96294	7.0482	.49583	.06933
Stddev	.089	.00164	.00118	.00122	.0049	.00121	.0800	.00100	.00058
%RSD	.20167	.39070	.58054	.40388	.15317	.12575	1.1353	.20245	.83006

#1	44.077	.41871	.20239	.30198	3.1802	.96275	6.9558	.49487	.06900
#2	43.944	.41872	.20147	.30306	3.1802	.96183	7.0935	.49574	.07000
#3	44.113	.42156	.20380	.30442	3.1887	.96423	7.0954	.49687	.06900

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	310.03	.31058	.26661	10.601	.38798	.31164	.61346	3.1660	.65306
Stddev	.77	.00051	.00100	.123	.00047	.00735	.00243	.0280	.00300
%RSD	.24815	.16427	.37681	1.1609	.12152	2.3586	.39546	.88436	.45928

#1	310.55	.31076	.26613	10.483	.38761	.30410	.61076	3.1967	.65149
#2	309.15	.31098	.26594	10.591	.38782	.31879	.61416	3.1418	.65117
#3	310.40	.31001	.26777	10.728	.38851	.31203	.61545	3.1596	.65652

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20559	.19643	6.174	.30635	3.6591	.50838
Stddev	.00387	.00162	.036	.00077	.0435	.31616
%RSD	1.8811	.82645	.5820	.25206	1.1887	62.190

#1	.20227	.19546	6.176	.30612	3.6945	.79080
#2	.20466	.19554	6.136	.30571	3.6106	.16683
#3	.20984	.19831	6.208	.30721	3.6722	.56751

Sample Name: K2199-10MS Acquired: 4/15/2019 17:23:16 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 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	4685.0	65371.	4216.2	74.411	4538.7
Stddev	12.6	187.	23.3	1.181	8.8
%RSD	.26812	.28634	.55248	1.5872	.19473
#1	4670.5	65360.	4191.4	73.557	4530.5
#2	4693.2	65190.	4219.6	73.918	4548.0
#3	4691.2	65564.	4237.6	75.759	4537.5

Sample Name: K2199-10MSD Acquired: 4/15/2019 17:27:30 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 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	.72735	1.9102	.94117	2.0023	.74439	2.4430	.33746	.20674	.18846
Stddev	.00364	.0063	.00037	.0024	.00406	.0084	.00242	.00032	.00096
%RSD	.50104	.32833	.03935	.11748	.54496	.34209	.71770	.15397	.51048

#1	.73130	1.9175	.94081	2.0043	.74481	2.4366	.33751	.20674	.18805
#2	.72413	1.9065	.94116	1.9997	.74014	2.4524	.33986	.20641	.18777
#3	.72661	1.9067	.94155	2.0028	.74822	2.4398	.33502	.20705	.18956

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.655	.41918	.20234	.30250	3.1854	.96983	7.0634	.49648	.06930
Stddev	.183	.00229	.00072	.00061	.0048	.00184	.0977	.00080	.00012
%RSD	.40878	.54702	.35736	.20015	.15051	.18949	1.3826	.16023	.17133

#1	44.855	.41742	.20317	.30267	3.1843	.96783	6.9511	.49579	.06924
#2	44.497	.41836	.20204	.30300	3.1907	.97144	7.1113	.49629	.06923
#3	44.614	.42177	.20182	.30182	3.1813	.97022	7.1280	.49735	.06944

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	313.46	.31012	.26637	10.715	.38640	.29397	.61646	3.1833	.65042
Stddev	2.30	.00083	.00015	.034	.00020	.01352	.00215	.0397	.00296
%RSD	.73249	.26614	.05635	.31606	.05234	4.5992	.34835	1.2458	.45538

#1	310.88	.31054	.26636	10.687	.38619	.30433	.61799	3.2190	.65373
#2	315.27	.31065	.26622	10.753	.38660	.27867	.61738	3.1406	.64803
#3	314.24	.30917	.26652	10.706	.38640	.29890	.61400	3.1904	.64950

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20681	.19836	6.171	.30711	3.8312	.70895
Stddev	.00157	.00069	.021	.00275	.0802	.33559
%RSD	.75814	.34948	.3386	.89478	2.0924	47.336

#1	.20707	.19898	6.190	.31027	3.8032	.94588
#2	.20823	.19850	6.149	.30569	3.9217	.85605
#3	.20513	.19761	6.173	.30536	3.7689	.32493

Sample Name: K2199-10MSD Acquired: 4/15/2019 17:27:30 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 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	4651.1	65071.	4192.4	74.239	4497.9
Stddev	4.2	125.	49.7	2.234	6.3
%RSD	.09075	.19231	1.1864	3.0091	.14098
#1	4646.3	64928.	4139.9	71.791	4490.6
#2	4652.6	65123.	4238.8	76.167	4502.3
#3	4654.3	65162.	4198.4	74.757	4500.6

Sample Name: K2199-10A Acquired: 4/15/2019 17:31:45 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72435	1.9020	.93780	1.9893	.74001	2.4095	.33499	.20571	.18831
Stddev	.00279	.0067	.00171	.0038	.00198	.0089	.00195	.00078	.00027
%RSD	.38481	.35209	.18233	.19012	.26765	.37088	.58308	.38121	.14354
#1	.72426	1.8943	.93909	1.9866	.74066	2.4145	.33426	.20614	.18831
#2	.72162	1.9058	.93586	1.9875	.74158	2.3992	.33351	.20619	.18857
#3	.72719	1.9059	.93845	1.9936	.73778	2.4148	.33721	.20481	.18803
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.554	.41596	.20162	.30009	3.1739	.96028	6.9740	.49245	.06971
Stddev	.090	.00160	.00039	.00085	.0105	.00097	.0754	.00054	.00054
%RSD	.20118	.38583	.19364	.28158	.33149	.10095	1.0805	.10947	.77158
#1	44.657	.41418	.20185	.29937	3.1686	.95932	6.9085	.49200	.06909
#2	44.506	.41730	.20184	.29989	3.1860	.96126	6.9572	.49305	.06996
#3	44.499	.41641	.20117	.30102	3.1670	.96027	7.0564	.49231	.07007
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	305.54	.30862	.26438	10.673	.38417	.30800	.61006	3.1794	.65105
Stddev	.67	.00080	.00030	.095	.00099	.00524	.00542	.0258	.00354
%RSD	.21937	.25774	.11391	.88808	.25888	1.7008	.88911	.81262	.54399
#1	306.20	.30805	.26452	10.601	.38392	.30223	.60453	3.1783	.64801
#2	304.86	.30953	.26403	10.638	.38333	.30932	.61537	3.2058	.65020
#3	305.57	.30829	.26458	10.780	.38527	.31246	.61029	3.1542	.65494
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20881	.20100	6.122	.30713	3.7606	1.0874			
Stddev	.00134	.00054	.029	.00065	.0398	.3201			
%RSD	.63948	.26938	.4675	.21187	1.0570	29.437			
#1	.20774	.20073	6.090	.30651	3.7663	.74670			
#2	.20839	.20163	6.133	.30781	3.7184	1.3819			
#3	.21031	.20065	6.144	.30707	3.7973	1.1335			

Sample Name: K2199-10A Acquired: 4/15/2019 17:31:45 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4711.2	66105.	4213.9	74.420	4556.9
Stddev	5.2	137.	25.2	1.639	8.9
%RSD	.10948	.20709	.59786	2.2022	.19465
#1	4706.1	66118.	4207.8	72.753	4550.3
#2	4711.2	65962.	4192.2	74.476	4553.4
#3	4716.4	66235.	4241.5	76.029	4567.0

Sample Name: K2199-12 Acquired: 4/15/2019 17:35:59 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00094	.00767	.00108	-.00142	.16772	.12877	.00015
Stddev	.00067	.00051	.00075	.00156	.00053	.00101	.00055	.00008
%RSD	112.96	54.592	9.7353	144.57	37.395	.60031	.43044	55.752

#1	-.00132	-.00133	.00787	.00287	-.00195	.16698	.12921	.00006
#2	-.00043	-.00036	.00830	.00038	-.00089	.16732	.12894	.00019
#3	-.00002	-.00113	.00685	-.00001	-.00141	.16887	.12815	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	37.841	.00081	.00563	.00459	.08095	.74715	2.7343
Stddev	.00002	.070	.00034	.00030	.00045	.00085	.00074	.0339
%RSD	6.4363	.18591	42.297	5.3443	9.8042	1.0537	.09844	1.2390

#1	.00026	37.761	.00042	.00542	.00480	.08073	.74631	2.7049
#2	.00028	37.869	.00104	.00550	.00489	.08023	.74768	2.7266
#3	.00025	37.893	.00098	.00598	.00407	.08189	.74746	2.7713

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	-.00001	313.12	-.00003	.04924	.97049	-.00004	-.00274
Stddev	.00023	.00063	1.52	.00016	.00007	.05201	.00015	.01498
%RSD	3.8855	5435.1	.48462	581.68	.14767	5.3594	329.90	547.18

#1	.00613	.00044	311.38	-.00016	.04928	.98887	-.00017	.00554
#2	.00577	.00025	313.86	-.00006	.04928	.91179	.00012	.00628
#3	.00620	-.00073	314.13	.00014	.04916	1.0108	-.00009	-.02004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53066	1.7229	.00070	.00260	.00742	-.0043	.10148	3.7163
Stddev	.00246	.0126	.00056	.00165	.00070	.0016	.00038	.0866
%RSD	.46357	.73035	80.118	63.364	9.4569	37.47	.37631	2.3310

#1	.53262	1.7093	.00127	.00073	.00679	-.0051	.10172	3.6179
#2	.52790	1.7254	.00015	.00383	.00730	-.0025	.10104	3.7501
#3	.53147	1.7340	.00067	.00323	.00818	-.0054	.10167	3.7810

Sample Name: K2199-12 Acquired: 4/15/2019 17:35:59 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-02-041219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5562
Stddev	.1902
%RSD	12.225

#1	1.6760
#2	1.6556
#3	1.3368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4724.1	65875.	4266.3	75.295	4593.6
Stddev	13.9	212.	22.1	1.468	6.6
%RSD	.29447	.32122	.51863	1.9501	.14303

#1	4708.1	65824.	4285.0	73.839	4587.1
#2	4732.8	65694.	4241.9	76.775	4593.4
#3	4731.4	66108.	4272.1	75.273	4600.3

Sample Name: K2390-02 Acquired: 4/15/2019 17:40:31 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 3425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00086	.01132	.00379	-.00142	.27587	.05296	-.00010
Stddev	.00122	.00103	.00129	.00052	.00102	.00891	.00029	.00011
%RSD	155.20	119.16	11.376	13.738	71.352	3.2310	.54043	105.28

#1	-.00105	-.00204	.01002	.00337	-.00133	.26946	.05266	-.00018
#2	-.00184	-.00035	.01135	.00363	-.00248	.28605	.05300	-.00014
#3	.00054	-.00019	.01259	.00437	-.00046	.27211	.05323	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	3.5537	.00097	.00016	.00262	.45787	.02622	.91187
Stddev	.00015	.0202	.00036	.00009	.00020	.00008	.00018	.04476
%RSD	94.517	.56718	37.227	57.018	7.7407	.01824	.70457	4.9085

#1	.00022	3.5366	.00126	.00007	.00263	.45785	.02601	.86495
#2	.00027	3.5759	.00056	.00025	.00241	.45796	.02631	.95410
#3	-.00001	3.5485	.00108	.00017	.00281	.45780	.02634	.91657

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00025	294.63	.00078	.14235	.63872	-.00014	-.00432
Stddev	.00028	.00025	1.64	.00029	.00045	.02906	.00022	.01056
%RSD	61.271	98.664	.55537	36.955	.31482	4.5496	151.74	244.59

#1	-.00041	.00010	292.95	.00068	.14282	.65792	.00010	.00051
#2	-.00020	.00054	294.71	.00111	.14193	.65295	-.00023	-.01642
#3	-.00076	.00012	296.22	.00056	.14231	.60529	-.00030	.00296

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12281	.61837	-.00081	.00927	.00766	.0014	.01278	3.6046
Stddev	.00131	.00577	.00079	.00114	.00054	.0000	.00007	.2310
%RSD	1.0658	.93359	97.697	12.284	7.0538	1.494	.56402	6.4093

#1	.12168	.62503	-.00165	.00962	.00739	.0013	.01278	3.5158
#2	.12424	.61543	-.00007	.00800	.00828	.0013	.01271	3.8669
#3	.12250	.61467	-.00071	.01020	.00730	.0014	.01285	3.4311

Sample Name: K2390-02 Acquired: 4/15/2019 17:40:31 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 3425 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0864
 Stddev .2717
 %RSD 25.012

#1 1.0931
 #2 .81143
 #3 1.3548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4743.9	66075.	4257.5	74.996	4655.6
Stddev	9.7	158.	18.5	2.224	8.5
%RSD	.20483	.23905	.43387	2.9653	.18340

#1	4737.1	66248.	4250.2	72.573	4647.0
#2	4739.5	66038.	4243.7	75.473	4655.8
#3	4755.0	65939.	4278.5	76.943	4664.1

Sample Name: K2390-04 Acquired: 4/15/2019 17:45:05 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00244	.00756	.00149	-.00043	.15412	.04923	-.00002
Stddev	.00061	.00041	.00043	.00254	.00050	.01062	.00060	.00003
%RSD	1638.4	16.605	5.6538	170.72	118.15	6.8936	1.2254	208.23

#1	-.00063	-.00230	.00708	-.00083	-.00100	.14314	.04872	.00002
#2	-.00007	-.00213	.00771	.00110	-.00006	.16435	.04906	-.00003
#3	.00059	-.00290	.00790	.00420	-.00022	.15487	.04990	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	3.2889	.00069	.00018	.00208	.06541	.01058	.70529
Stddev	.00008	.0060	.00033	.00021	.00021	.00071	.00014	.02056
%RSD	50.659	.18168	47.650	115.52	10.235	1.0899	1.3574	2.9150

#1	.00022	3.2858	.00093	.00001	.00192	.06618	.01074	.69771
#2	.00007	3.2852	.00083	.00042	.00232	.06477	.01046	.72856
#3	.00020	3.2958	.00032	.00012	.00199	.06527	.01054	.68960

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00007	268.30	-.00027	.09481	.63965	-.00018	-.00264
Stddev	.00010	.00031	1.90	.00014	.00062	.03101	.00003	.01075
%RSD	17556.	476.62	.70781	52.717	.65732	4.8484	19.395	406.54

#1	-.00012	.00024	266.50	-.00040	.09422	.63946	-.00021	-.00806
#2	.00008	.00026	270.29	-.00012	.09476	.60873	-.00014	-.00961
#3	.00003	-.00030	268.11	-.00030	.09546	.67075	-.00018	.00974

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34743	.22362	-.00009	.00096	.00531	-.0021	.01297	3.3627
Stddev	.00479	.00254	.00037	.00088	.00068	.0013	.00013	.2195
%RSD	1.3779	1.1344	399.46	92.019	12.718	59.40	1.0354	6.5277

#1	.35266	.22322	.00024	.00055	.00551	-.0032	.01312	3.1206
#2	.34325	.22131	-.00049	.00197	.00456	-.0024	.01288	3.5488
#3	.34639	.22634	-.00003	.00035	.00587	-.0007	.01290	3.4188

Sample Name: K2390-04 Acquired: 4/15/2019 17:45:05 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 5124 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93459
 Stddev .41983
 %RSD 44.922

#1 1.0565
 #2 1.2800
 #3 .46729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.9	66138.	4225.2	73.942	4688.8
Stddev	1.0	106.	20.2	.552	6.9
%RSD	.02141	.16029	.47814	.74668	.14746

#1	4757.0	66035.	4202.9	74.336	4690.9
#2	4757.8	66247.	4230.4	73.311	4694.5
#3	4759.0	66131.	4242.3	74.180	4681.1

Sample Name: K2390-06 Acquired: 4/15/2019 17:49:41 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00088	.00783	.00202	-.00054	.26377	.06432	-.00003
Stddev	.00120	.00130	.00195	.00401	.00092	.00514	.00037	.00007
%RSD	402.94	147.88	24.894	198.02	170.24	1.9498	.58161	262.39

#1	-.00083	-.00237	.00982	-.00147	-.00143	.26590	.06429	-.00004
#2	.00108	-.00005	.00593	.00640	-.00062	.25791	.06471	.00005
#3	-.00114	-.00021	.00773	.00114	.00042	.26751	.06397	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	6.2845	.00074	-.00009	.00215	.34200	.02013	.94082
Stddev	.00010	.0225	.00033	.00034	.00017	.00148	.00005	.03538
%RSD	93.814	.35716	45.036	387.50	7.8304	.43394	.23191	3.7606

#1	.00016	6.2744	.00036	-.00045	.00229	.34370	.02018	.95308
#2	-.00001	6.2689	.00093	-.00001	.00220	.34127	.02012	.90094
#3	.00015	6.3102	.00094	.00021	.00197	.34101	.02009	.96844

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00012	299.36	.00089	.04404	.75586	.00003	-.00511
Stddev	.00015	.00004	.93	.00022	.00004	.03001	.00016	.01070
%RSD	60.174	37.304	.31190	24.828	.08530	3.9706	470.71	209.61

#1	-.00040	-.00009	300.43	.00064	.04408	.79034	.00015	.00592
#2	-.00021	-.00010	298.98	.00095	.04403	.74166	.00010	-.01545
#3	-.00011	-.00017	298.69	.00107	.04400	.73558	-.00015	-.00578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28145	.84724	.00024	.00907	.00565	.0131	.03346	3.3929
Stddev	.00167	.00866	.00073	.00140	.00084	.0014	.00014	.0517
%RSD	.59481	1.0220	299.79	15.398	14.875	10.41	.40779	1.5223

#1	.28136	.85567	-.00051	.00962	.00469	.0124	.03361	3.3681
#2	.28316	.84769	.00095	.01010	.00626	.0147	.03342	3.4523
#3	.27982	.83837	.00030	.00748	.00600	.0123	.03335	3.3583

Sample Name: K2390-06 Acquired: 4/15/2019 17:49:41 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200050 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2599
Stddev	.1797
%RSD	14.261

#1	1.2099
#2	1.1105
#3	1.4592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4775.7	66816.	4287.9	75.541	4684.7
Stddev	10.2	235.	21.7	1.534	7.0
%RSD	.21342	.35198	.50650	2.0309	.14978

#1	4779.3	66546.	4262.9	73.775	4690.8
#2	4764.1	66925.	4301.3	76.545	4677.1
#3	4783.5	66977.	4299.6	76.302	4686.2

Sample Name: K2397-04 Acquired: 4/15/2019 17:54:14 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-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	-.00000	-.00247	.22412	.00289	.00206	.07518	.14232	-.00002
Stddev	.00049	.00144	.00140	.00100	.00174	.01307	.00159	.00010
%RSD	18626.	58.365	.62599	34.649	84.538	17.379	1.1187	518.31

#1	-.00032	-.00412	.22504	.00380	.00367	.06492	.14248	-.00004
#2	.00056	-.00141	.22482	.00304	.00022	.07074	.14065	-.00011
#3	-.00024	-.00190	.22251	.00182	.00228	.08989	.14382	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	36.675	.00060	.00249	.06721	.05870	.15810	2.0123
Stddev	.00007	.311	.00055	.00005	.00034	.00079	.00053	.0098
%RSD	4.0143	.84887	93.175	2.0804	.50524	1.3470	.33332	.48542

#1	.00185	36.608	.00002	.00254	.06685	.05833	.15793	2.0022
#2	.00179	36.403	.00065	.00249	.06752	.05960	.15769	2.0217
#3	.00171	37.015	.00112	.00244	.06728	.05816	.15870	2.0130

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01765	.00054	311.07	.00021	1.2338	1.1264	-.00003	-.00489
Stddev	.00031	.00040	.34	.00012	.0018	.0199	.00014	.01181
%RSD	1.7366	73.888	.10955	55.670	.14237	1.7660	405.89	241.58

#1	.01782	.00056	311.43	.00015	1.2356	1.1319	-.00006	-.01376
#2	.01729	.00013	311.01	.00034	1.2337	1.1430	-.00016	-.00944
#3	.01783	.00093	310.76	.00013	1.2320	1.1044	.00012	.00852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77568	.57305	.00121	.00579	.01501	.1957	.17110	3.9665
Stddev	.00524	.00518	.00047	.00070	.00133	.0037	.00173	.0319
%RSD	.67601	.90439	38.798	12.122	8.8703	1.906	1.0136	.80420

#1	.78103	.56741	.00102	.00562	.01381	.1971	.17124	3.9729
#2	.77545	.57761	.00087	.00656	.01477	.1986	.16931	3.9948
#3	.77055	.57412	.00175	.00518	.01644	.1915	.17277	3.9319

Sample Name: K2397-04 Acquired: 4/15/2019 17:54:14 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3261
Stddev	.2060
%RSD	15.533

#1	1.2414
#2	1.5610
#3	1.1760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4676.3	65046.	4223.5	74.399	4545.9
Stddev	12.2	159.	5.9	1.297	4.9
%RSD	.26046	.24431	.13941	1.7437	.10777

#1	4662.5	64948.	4218.4	75.893	4541.4
#2	4681.0	65230.	4230.0	73.557	4545.4
#3	4685.4	64961.	4222.0	73.748	4551.1

Sample Name: K2397-08 Acquired: 4/15/2019 17:58:44 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-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	.00177	-.00110	.35382	.00203	.00022	.08524	.17345	-.00005
Stddev	.00136	.00141	.00139	.00163	.00108	.00874	.00033	.00004
%RSD	77.006	128.14	.39404	79.972	501.32	10.257	.19032	88.626

#1	.00266	-.00177	.35479	.00128	-.00037	.08648	.17381	-.00010
#2	.00245	-.00205	.35223	.00390	-.00045	.09330	.17316	-.00002
#3	.00020	.00052	.35445	.00092	.00147	.07594	.17338	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	30.951	.00090	.00191	.08694	.13761	.12108	.98737
Stddev	.00004	.060	.00035	.00015	.00053	.00007	.00034	.04233
%RSD	1.4485	.19479	39.338	7.8125	.61070	.05166	.28117	4.2876

#1	.00260	30.992	.00118	.00206	.08634	.13754	.12112	.97087
#2	.00266	30.882	.00101	.00191	.08735	.13762	.12073	1.0355
#3	.00267	30.980	.00050	.00176	.08713	.13768	.12141	.95578

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01610	.00022	286.85	.00032	1.7849	1.1441	.00007	-.00493
Stddev	.00043	.00010	.67	.00009	.0007	.0300	.00025	.01279
%RSD	2.6945	42.338	.23203	28.547	.04014	2.6228	363.31	259.55

#1	.01573	.00019	286.80	.00038	1.7852	1.1115	.00011	.00231
#2	.01600	.00015	287.54	.00036	1.7840	1.1502	.00030	.00260
#3	.01658	.00033	286.21	.00021	1.7854	1.1706	-.00020	-.01969

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69812	.55411	.00151	.01194	.01219	.1803	.12875	3.6669
Stddev	.00109	.00113	.00064	.00161	.00049	.0005	.00004	.2621
%RSD	.15638	.20455	42.593	13.506	4.0389	.2924	.02729	7.1477

#1	.69938	.55285	.00215	.01035	.01202	.1807	.12876	3.8778
#2	.69741	.55445	.00087	.01358	.01274	.1806	.12871	3.7495
#3	.69758	.55504	.00151	.01188	.01181	.1797	.12877	3.3735

Sample Name: K2397-08 Acquired: 4/15/2019 17:58:44 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6062
 Stddev .2652
 %RSD 16.514

#1 1.8282
 #2 1.3124
 #3 1.6779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4732.2	65911.	4237.9	74.423	4609.2
Stddev	7.1	36.	9.1	2.257	8.7
%RSD	.15064	.05397	.21553	3.0329	.18909

#1	4727.9	65906.	4231.7	71.850	4605.0
#2	4740.4	65878.	4233.6	75.348	4619.2
#3	4728.3	65949.	4248.4	76.070	4603.4

Sample Name: K2397-12 Acquired: 4/15/2019 18:03:12 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-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	-.00012	-.00035	.16770	.00148	-.00013	.07464	.18177	-.00000
Stddev	.00051	.00035	.00094	.00160	.00062	.00631	.00009	.00005
%RSD	425.47	100.46	.55830	108.36	461.80	8.4483	.05009	3542.2

#1	-.00021	-.00033	.16819	.00308	-.00072	.07795	.18171	-.00005
#2	-.00058	-.00070	.16662	.00148	.00052	.07860	.18188	-.00000
#3	.00043	-.00001	.16829	-.00012	-.00021	.06737	.18173	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	26.777	.00007	.00884	.03425	.08412	.55342	2.2860
Stddev	.00008	.058	.00042	.00023	.00016	.00036	.00096	.0029
%RSD	2.8533	.21768	566.04	2.6251	.46321	.43015	.17334	.12839

#1	.00297	26.719	.00005	.00907	.03427	.08452	.55287	2.2834
#2	.00288	26.836	.00051	.00861	.03408	.08381	.55286	2.2855
#3	.00281	26.776	-.00034	.00884	.03439	.08404	.55453	2.2892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02347	.00045	340.63	-.00021	1.9146	.95165	-.00007	.00409
Stddev	.00005	.00040	2.26	.00012	.0024	.03059	.00006	.00708
%RSD	.19928	88.598	.66298	55.277	.12265	3.2141	90.020	173.27

#1	.02351	.00057	342.81	-.00012	1.9167	.91781	-.00003	.01155
#2	.02342	.00078	338.30	-.00034	1.9149	.95981	-.00003	-.00254
#3	.02347	.00000	340.80	-.00017	1.9121	.97733	-.00014	.00325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0795	.68128	.00073	.00560	.01574	.3521	.14501	3.6821
Stddev	.0012	.00253	.00050	.00100	.00057	.0021	.00019	.0922
%RSD	.11401	.37157	68.379	17.852	3.6516	.5922	.13291	2.5042

#1	1.0790	.67837	.00126	.00675	.01638	.3535	.14486	3.5797
#2	1.0809	.68249	.00028	.00498	.01528	.3497	.14523	3.7080
#3	1.0786	.68298	.00064	.00506	.01557	.3530	.14493	3.7585

Sample Name: K2397-12 Acquired: 4/15/2019 18:03:12 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1819
 Stddev .2622
 %RSD 22.186

#1 1.1710
 #2 .92535
 #3 1.4495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4711.7	65446.	4274.3	77.050	4585.5
Stddev	8.0	135.	7.5	2.455	6.3
%RSD	.16886	.20669	.17626	3.1866	.13755

#1	4703.0	65291.	4267.0	76.982	4579.3
#2	4713.5	65538.	4273.8	79.539	4585.2
#3	4718.6	65509.	4282.1	74.630	4591.9

Sample Name: CCV07 Acquired: 4/15/2019 18:07:44 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14844 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7392	5.3167	5.0430	5.0485	4.9220	10.336	10.118	.26725
Stddev	.0002	.0060	.0094	.0071	.0132	.025	.032	.00096
%RSD	.00392	.11259	.18627	.14006	.26901	.23938	.31988	.36059
#1	4.7390	5.3106	5.0331	5.0533	4.9334	10.308	10.099	.26699
#2	4.7393	5.3226	5.0518	5.0518	4.9251	10.354	10.155	.26644
#3	4.7394	5.3169	5.0440	5.0404	4.9074	10.348	10.099	.26831
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4812	26.572	1.0698	2.5260	1.2659	4.9896	2.7071	25.819
Stddev	.0032	.055	.0013	.0030	.0016	.0136	.0067	.099
%RSD	.13115	.20716	.12238	.11703	.12320	.27223	.24772	.38382
#1	2.4774	26.549	1.0707	2.5226	1.2673	4.9983	2.7088	25.710
#2	2.4834	26.635	1.0683	2.5279	1.2661	4.9739	2.6997	25.903
#3	2.4827	26.532	1.0705	2.5275	1.2642	4.9965	2.7127	25.844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5254	1.2762	25.950	2.5864	2.5569	23.945	4.9380	5.1282
Stddev	.0018	.0032	.115	.0064	.0055	.076	.0059	.0319
%RSD	.07166	.25070	.44312	.24710	.21684	.31703	.11961	.62224
#1	2.5247	1.2764	25.819	2.5873	2.5505	23.864	4.9395	5.0921
#2	2.5239	1.2729	26.033	2.5796	2.5597	23.955	4.9430	5.1397
#3	2.5274	1.2792	26.000	2.5923	2.5605	24.015	4.9315	5.1527
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8275	5.0634	4.9596	5.1147	4.9082	5.409	5.0080	F 3.2120
Stddev	.0123	.0291	.0089	.0071	.0298	.014	.0136	.1601
%RSD	.25437	.57415	.17860	.13895	.60765	.2630	.27079	4.9852
#1	4.8301	5.0968	4.9548	5.1068	4.9385	5.403	5.0236	3.1875
#2	4.8383	5.0488	4.9698	5.1207	4.8789	5.426	5.0018	3.0655
#3	4.8141	5.0444	4.9542	5.1165	4.9071	5.400	4.9987	3.3830

Sample Name: CCV07 Acquired: 4/15/2019 18:07:44 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14844 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4700
Stddev .1832
%RSD 5.2788

#1 3.6309
#2 3.5085
#3 3.2707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4896.9	68224.	4249.1	73.613	4701.6
Stddev	4.2	43.	22.2	1.105	4.5
%RSD	.08660	.06310	.52237	1.5016	.09466

#1	4892.1	68224.	4223.6	73.145	4706.1
#2	4900.3	68267.	4264.2	74.875	4701.4
#3	4898.1	68181.	4259.5	72.818	4697.2

Sample Name: CCB07 Acquired: 4/15/2019 18:11:51 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14844 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00091	-.00097	-.00163	-.00245	-.02730	.00104	.00003
Stddev	.00127	.00088	.00115	.00121	.00175	.00554	.00053	.00010
%RSD	321.13	96.882	118.74	74.031	71.466	20.308	51.048	375.13
#1	-.00035	.00048	-.00001	-.00272	-.00307	-.03297	.00151	.00005
#2	-.00032	.00191	-.00065	-.00033	-.00379	-.02702	.00116	.00011
#3	.00186	.00032	-.00224	-.00185	-.00047	-.02190	.00046	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00652	-.00020	.00012	-.00063	.00219	.00014	-.03606
Stddev	.00006	.00776	.00027	.00015	.00012	.00013	.00007	.03824
%RSD	115.92	119.02	138.19	129.72	19.697	6.0887	46.559	106.03
#1	.00005	.00599	-.00041	-.00002	-.00062	.00212	.00009	-.07741
#2	-.00001	-.00096	.00011	.00009	-.00052	.00211	.00022	-.00197
#3	.00011	.01454	-.00030	.00028	-.00076	.00234	.00013	-.02880
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00001	.04539	-.00000	.00026	.04831	.00011	-.01091
Stddev	.00014	.00026	.00328	.00018	.00010	.02288	.00024	.01290
%RSD	35.904	2130.0	7.2189	837400.	38.592	47.362	213.95	118.22
#1	-.00044	.00019	.04592	.00015	.00033	.04122	.00012	-.00859
#2	-.00051	-.00029	.04188	.00004	.00030	.02982	.00034	-.02481
#3	-.00024	.00014	.04837	-.00019	.00015	.07391	-.00013	.00067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00328	.00035	.00040	.00006	-.0058	-.00046	F 2.2752
Stddev	.00191	.00065	.00050	.00104	.00021	.0007	.00005	.0787
%RSD	121.72	19.877	145.14	262.79	330.20	11.25	10.578	3.4611
#1	.00305	.00260	.00064	.00046	.00023	-.0059	-.00042	2.2363
#2	.00225	.00334	.00063	-.00068	-.00018	-.0051	-.00045	2.2234
#3	-.00059	.00390	-.00023	.00140	.00015	-.0064	-.00051	2.3658

Sample Name: CCB07 Acquired: 4/15/2019 18:11:51 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14844 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .76234
Stddev	.12218
%RSD	16.027

#1	.62264
#2	.84923
#3	.81515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5099.1	70957.	4250.6	75.856	5416.0
Stddev	5.4	230.	8.5	.742	8.4
%RSD	.10538	.32406	.19928	.97822	.15505

#1	5093.2	70696.	4240.8	75.384	5407.0
#2	5100.5	71126.	4255.4	76.711	5417.3
#3	5103.6	71050.	4255.5	75.473	5423.6

Sample Name: K2397-16 Acquired: 4/15/2019 18:16:20 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-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	-.00084	-.00120	.24405	.00298	-.00056	.04974	.36836	-.00008
Stddev	.00190	.00077	.00214	.00489	.00162	.01357	.00217	.00009
%RSD	225.24	64.167	.87785	164.25	286.95	27.285	.58913	109.95

#1	-.00281	-.00032	.24535	.00222	.00128	.05578	.36631	.00001
#2	.00098	-.00157	.24522	.00820	-.00174	.05924	.36814	-.00017
#3	-.00070	-.00172	.24158	-.00149	-.00124	.03420	.37063	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01542	42.844	.00051	.00535	.09960	.08288	.32639	1.1432
Stddev	.00005	.109	.00008	.00007	.00040	.00083	.00080	.0476
%RSD	.34483	.25547	15.364	1.2168	.40557	1.0070	.24453	4.1650

#1	.01541	42.783	.00052	.00537	.09997	.08192	.32604	1.1717
#2	.01548	42.970	.00059	.00528	.09917	.08343	.32582	1.0882
#3	.01537	42.778	.00043	.00540	.09965	.08329	.32730	1.1696

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01711	-.00009	294.64	.00009	4.2398	.58918	-.00000	-.00046
Stddev	.00053	.00040	3.28	.00034	.0070	.02322	.00011	.01493
%RSD	3.0918	468.11	1.1124	374.09	.16486	3.9412	3640.4	3216.0

#1	.01680	-.00053	290.86	-.00030	4.2318	.61120	.00008	.01005
#2	.01681	.00025	296.44	.00028	4.2427	.56492	.00003	-.01755
#3	.01772	.00002	296.63	.00029	4.2448	.59143	-.00012	.00611

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28386	.54048	.00098	.00275	.00930	.0221	.14032	4.0546
Stddev	.00309	.00932	.00037	.00186	.00211	.0009	.00068	.0833
%RSD	1.0893	1.7249	37.362	67.375	22.657	4.230	.48464	2.0553

#1	.28372	.53675	.00105	.00062	.00732	.0229	.13999	4.0274
#2	.28702	.53360	.00131	.00394	.01152	.0211	.13986	4.1482
#3	.28084	.55109	.00058	.00370	.00906	.0225	.14110	3.9883

Sample Name: K2397-16 Acquired: 4/15/2019 18:16:20 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3424
Stddev	.4598
%RSD	34.251

#1	.95972
#2	1.8524
#3	1.2150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4661.7	64613.	4147.9	72.793	4524.1
Stddev	1.2	190.	6.7	1.306	5.9
%RSD	.02548	.29381	.16253	1.7946	.12935

#1	4662.3	64831.	4142.7	74.300	4530.6
#2	4660.4	64528.	4145.4	72.095	4519.1
#3	4662.5	64481.	4155.5	71.983	4522.7

Sample Name: K2405-03 Acquired: 4/15/2019 18:20:51 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1D(0-24) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00140	.00207	.00119	-.00350	.09618	.17222	.00001
Stddev	.00150	.00124	.00085	.00383	.00130	.00496	.00185	.00005
%RSD	79.457	88.974	41.331	322.90	37.235	5.1615	1.0732	360.15

#1	-.00042	.00000	.00225	-.00301	-.00497	.09184	.17153	.00006
#2	-.00183	-.00182	.00114	.00208	-.00246	.10159	.17081	.00002
#3	-.00342	-.00237	.00282	.00449	-.00308	.09510	.17431	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	81.632	-.00008	.01323	.00233	.00558	1.1038	3.5076
Stddev	.00004	.063	.00030	.00025	.00023	.00025	.0018	.0739
%RSD	15.237	.07726	392.24	1.9168	9.7348	4.4190	.16535	2.1076

#1	.00023	81.686	-.00042	.01296	.00216	.00547	1.1059	3.5292
#2	.00022	81.563	.00014	.01327	.00223	.00587	1.1026	3.4253
#3	.00028	81.649	.00005	.01347	.00258	.00541	1.1030	3.5683

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01305	.00008	298.55	-.00051	.08929	2.9205	.00015	.03216
Stddev	.00027	.00033	.80	.00019	.00006	.0433	.00021	.00536
%RSD	2.0895	414.41	.26721	37.109	.06215	1.4814	144.85	16.666

#1	.01289	.00044	299.47	-.00035	.08934	2.9528	.00038	.02603
#2	.01336	-.00018	298.11	-.00047	.08923	2.8714	.00010	.03595
#3	.01289	-.00002	298.08	-.00072	.08930	2.9374	-.00004	.03450

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1986	6.1397	-.00009	.00020	.01746	-.0038	.32258	3.9699
Stddev	.0050	.0140	.00066	.00205	.00096	.0006	.00067	.0328
%RSD	.22520	.22843	727.57	1008.9	5.4720	14.68	.20773	.82616

#1	2.1931	6.1389	-.00068	.00252	.01641	-.0044	.32281	4.0033
#2	2.2027	6.1542	-.00021	-.00139	.01829	-.0036	.32182	3.9687
#3	2.2001	6.1261	.00062	-.00052	.01767	-.0034	.32309	3.9377

Sample Name: K2405-03 Acquired: 4/15/2019 18:20:51 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1D(0-24) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4727
Stddev	.4023
%RSD	27.316

#1	1.8337
#2	1.5453
#3	1.0390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4680.9	65246.	4187.6	73.575	4558.0
Stddev	7.2	197.	18.4	2.383	1.6
%RSD	.15395	.30174	.43949	3.2386	.03585

#1	4683.8	65071.	4168.3	70.825	4558.9
#2	4686.1	65459.	4189.5	75.007	4559.1
#3	4672.7	65207.	4205.0	74.894	4556.2

Sample Name: K2407-04 Acquired: 4/15/2019 18:25:22 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11-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	.00071	-.00123	.04400	.00230	-.00211	.04260	.12280	.00001
Stddev	.00119	.00097	.00094	.00166	.00062	.00928	.00101	.00009
%RSD	168.13	79.212	2.1403	72.150	29.319	21.782	.82063	965.11

#1	.00029	-.00063	.04387	.00191	-.00270	.03609	.12166	-.00009
#2	-.00021	-.00235	.04501	.00413	-.00146	.03847	.12320	.00008
#3	.00205	-.00070	.04314	.00088	-.00218	.05322	.12355	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	32.653	-.00058	.00746	.00299	.36680	1.1308	2.1986
Stddev	.00004	.043	.00013	.00010	.00041	.00308	.00005	.0443
%RSD	13.551	.13030	23.146	1.3769	13.816	.83892	.04195	2.0155

#1	.00027	32.642	-.00073	.00756	.00275	.36811	1.1314	2.1559
#2	.00035	32.617	-.00053	.00736	.00347	.36329	1.1306	2.1956
#3	.00030	32.700	-.00048	.00746	.00276	.36901	1.1305	2.2444

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	.00032	279.88	-.00058	.05028	1.0026	-.00024	.00036
Stddev	.00029	.00041	2.31	.00032	.00003	.0158	.00006	.01459
%RSD	16.534	129.64	.82506	55.722	.05328	1.5758	24.246	4092.0

#1	.00200	.00041	282.45	-.00053	.05031	.99457	-.00018	.01627
#2	.00182	-.00013	277.98	-.00092	.05026	.99241	-.00029	-.01238
#3	.00144	.00067	279.22	-.00028	.05028	1.0208	-.00026	-.00282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26971	.50052	-.00034	.00238	.00609	-.0028	.08552	3.6541
Stddev	.00112	.00590	.00058	.00145	.00073	.0006	.00019	.1067
%RSD	.41585	1.1787	167.95	60.719	11.976	20.34	.22621	2.9209

#1	.26845	.50521	-.00097	.00201	.00688	-.0034	.08552	3.5624
#2	.27008	.49390	-.00021	.00116	.00544	-.0023	.08533	3.6287
#3	.27059	.50245	.00015	.00398	.00596	-.0026	.08572	3.7713

Sample Name: K2407-04 Acquired: 4/15/2019 18:25:22 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6713
Stddev	.2840
%RSD	16.992

#1	1.8800
#2	1.7859
#3	1.3479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4769.8	66575.	4236.5	74.697	4639.5
Stddev	2.4	315.	30.0	.592	3.8
%RSD	.05105	.47276	.70793	.79243	.08210

#1	4767.5	66219.	4205.1	74.823	4635.6
#2	4769.5	66692.	4264.8	74.052	4639.7
#3	4772.4	66815.	4239.7	75.216	4643.2

Sample Name: K2407-08 Acquired: 4/15/2019 18:29:55 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-11-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	-.00200	-.00123	-.00003	.00179	-.00157	.03487	.07094	.00000
Stddev	.00206	.00055	.00114	.00110	.00044	.00280	.00063	.00004
%RSD	102.98	44.683	4146.2	61.120	28.152	8.0227	.89031	859.37

#1	-.00336	-.00118	.00127	.00126	-.00125	.03451	.07021	.00005
#2	.00037	-.00071	-.00048	.00305	-.00208	.03783	.07127	-.00000
#3	-.00301	-.00181	-.00087	.00107	-.00138	.03227	.07134	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	5.8417	.00044	-.00017	.00487	.04468	.29526	3.3762
Stddev	.00006	.0235	.00018	.00007	.00038	.00103	.00069	.0799
%RSD	68.546	.40174	40.814	40.654	7.8422	2.3054	.23364	2.3681

#1	.00014	5.8183	.00043	-.00017	.00485	.04479	.29602	3.2986
#2	.00003	5.8652	.00027	-.00011	.00526	.04564	.29466	3.4583
#3	.00009	5.8415	.00063	-.00025	.00450	.04359	.29510	3.3717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00003	262.77	.00009	.01560	1.0232	-.00001	.00243
Stddev	.00024	.00071	.47	.00030	.00004	.0105	.00021	.00469
%RSD	69.765	2828.0	.18028	343.66	.24932	1.0232	1865.3	192.70

#1	-.00054	.00085	262.45	-.00013	.01564	1.0143	.00008	-.00022
#2	-.00008	-.00032	263.31	.00043	.01559	1.0347	-.00025	-.00033
#3	-.00043	-.00045	262.54	-.00004	.01557	1.0205	.00013	.00785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25479	.38600	-.00034	.00184	.00713	.0082	.02600	3.5640
Stddev	.00303	.00199	.00044	.00241	.00103	.0001	.00005	.1737
%RSD	1.1874	.51557	128.61	131.13	14.409	1.815	.20221	4.8744

#1	.25826	.38829	.00015	-.00094	.00829	.0081	.02603	3.7633
#2	.25270	.38503	-.00047	.00332	.00633	.0084	.02593	3.4449
#3	.25342	.38469	-.00071	.00315	.00677	.0082	.02602	3.4838

Sample Name: K2407-08 Acquired: 4/15/2019 18:29:55 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-11-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3501
 Stddev .5974
 %RSD 44.251

#1 1.5791
 #2 .67201
 #3 1.7991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4806.4	67205.	4274.9	74.767	4698.4
Stddev	4.7	188.	12.1	2.011	4.3
%RSD	.09827	.27939	.28335	2.6896	.09162

#1	4807.6	67358.	4261.0	74.668	4693.5
#2	4810.4	66995.	4283.1	76.825	4701.4
#3	4801.2	67261.	4280.6	72.807	4700.4

Sample Name: K2407-12 Acquired: 4/15/2019 18:34:31 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17-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	-.00096	-.00074	.00210	.00121	.00024	.03064	.06675	.00002
Stddev	.00114	.00050	.00086	.00064	.00099	.01146	.00088	.00003
%RSD	118.31	67.242	40.990	52.659	421.51	37.402	1.3149	144.19

#1	-.00118	-.00017	.00286	.00167	-.00016	.03306	.06662	-.00000
#2	.00027	-.00101	.00116	.00048	.00137	.01816	.06594	.00001
#3	-.00198	-.00105	.00229	.00149	-.00050	.04070	.06768	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	4.6319	.00060	-.00010	.00416	.03267	.05473	.64126
Stddev	.00002	.0139	.00024	.00010	.00043	.00025	.00023	.03508
%RSD	23.518	.30103	40.203	101.66	10.328	.77748	.42156	5.4712

#1	.00007	4.6344	.00044	-.00021	.00374	.03282	.05495	.67160
#2	.00010	4.6444	.00050	-.00002	.00460	.03282	.05449	.64933
#3	.00011	4.6168	.00088	-.00007	.00413	.03238	.05476	.60284

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00016	318.83	-.00028	.02323	.56183	-.00007	-.00784
Stddev	.00038	.00004	2.49	.00025	.00007	.02272	.00002	.00920
%RSD	65.909	27.574	.77962	87.368	.30850	4.0446	29.894	117.40

#1	.00050	.00014	316.77	-.00002	.02331	.58607	-.00009	-.00527
#2	.00024	.00020	318.12	-.00032	.02323	.54102	-.00005	-.01806
#3	.00100	.00012	321.59	-.00051	.02316	.55839	-.00007	-.00019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10188	.34450	-.00102	.00443	.00677	.0320	.02494	3.8098
Stddev	.00181	.00625	.00096	.00186	.00061	.0012	.00022	.1056
%RSD	1.7762	1.8133	94.595	42.001	9.0051	3.763	.88570	2.7713

#1	.10198	.34757	-.00155	.00658	.00745	.0332	.02518	3.9317
#2	.10002	.33731	.00009	.00340	.00627	.0320	.02474	3.7507
#3	.10363	.34862	-.00160	.00332	.00660	.0308	.02491	3.7469

Sample Name: K2407-12 Acquired: 4/15/2019 18:34:31 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6788
Stddev	.0865
%RSD	5.1539

#1	1.5902
#2	1.7631
#3	1.6831

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4785.8	66855.	4244.5	74.079	4655.7
Stddev	21.7	218.	22.3	.734	12.0
%RSD	.45385	.32631	.52588	.99100	.25755

#1	4762.4	66620.	4219.2	73.241	4641.8
#2	4789.5	67051.	4252.6	74.386	4661.7
#3	4805.3	66895.	4261.6	74.609	4663.4

Sample Name: K2397-03DLX10 Acquired: 4/15/2019 18:39:06 Type: Unk
Method: P4-ICP2(v3049) 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	.03212	.00289	1.6281	.00548	.00301	9.7207	.68571	.00224
Stddev	.00071	.00071	.0021	.00284	.00115	.0069	.00145	.00002
%RSD	2.2045	24.476	.12905	51.849	38.224	.07045	.21197	.69815

#1	.03183	.00238	1.6305	.00714	.00389	9.7279	.68459	.00225
#2	.03161	.00370	1.6267	.00711	.00343	9.7143	.68735	.00222
#3	.03293	.00259	1.6270	.00220	.00171	9.7199	.68520	.00223

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	36.423	.27463	.01299	.80136	68.825	2.3736	6.3149
Stddev	.00005	.034	.00014	.00017	.00199	.066	.0070	.0706
%RSD	2.3754	.09391	.05029	1.2857	.24876	.09586	.29499	1.1176

#1	.00197	36.425	.27474	.01317	.79968	68.884	2.3796	6.3193
#2	.00197	36.455	.27447	.01296	.80084	68.754	2.3753	6.3832
#3	.00205	36.387	.27466	.01284	.80356	68.837	2.3659	6.2423

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04095	.01050	1.3899	.05781	1.8901	1.0779	.00395	-.00371
Stddev	.00023	.00055	.0174	.00022	.0027	.0592	.00009	.00063
%RSD	.55619	5.2025	1.2493	.37456	.14263	5.4942	2.2989	17.072

#1	.04111	.01065	1.4036	.05781	1.8931	1.1436	.00387	-.00299
#2	.04069	.01095	1.3956	.05802	1.8892	1.0286	.00394	-.00417
#3	.04106	.00989	1.3703	.05759	1.8880	1.0614	.00405	-.00397

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6480	.36507	.16884	.38287	.01971	2.211	.08203	2.4680
Stddev	.0061	.01911	.00074	.00018	.00069	.005	.00047	.0891
%RSD	.36921	5.2341	.43764	.04590	3.5158	.2195	.57614	3.6116

#1	1.6549	.35331	.16805	.38278	.01895	2.216	.08253	2.5540
#2	1.6435	.35479	.16895	.38307	.01987	2.207	.08159	2.4739
#3	1.6456	.38712	.16952	.38276	.02030	2.211	.08197	2.3761

Sample Name: K2397-03DLX10 Acquired: 4/15/2019 18:39:06 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.510
Stddev	.075
%RSD	.30501

#1	24.424
#2	24.544
#3	24.562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5099.2	71436.	4357.9	76.887	5081.6
Stddev	10.9	197.	22.9	2.137	9.3
%RSD	.21475	.27576	.52642	2.7789	.18363

#1	5108.4	71208.	4338.3	78.094	5082.2
#2	5087.1	71555.	4383.1	78.146	5072.0
#3	5102.1	71543.	4352.3	74.420	5090.6

Sample Name: CCV08 Acquired: 4/15/2019 18:43:31 Type: Unk
Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6702	5.2725	4.9957	4.9664	4.8458	10.129	9.9292	.26488
Stddev	.0188	.0102	.0038	.0127	.0072	.047	.0182	.00111
%RSD	.40211	.19272	.07531	.25628	.14939	.46466	.18326	.41876
#1	4.6623	5.2763	4.9994	4.9587	4.8379	10.151	9.9453	.26606
#2	4.6567	5.2610	4.9919	4.9594	4.8474	10.075	9.9094	.26386
#3	4.6917	5.2802	4.9958	4.9811	4.8521	10.161	9.9330	.26471
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4591	26.372	1.0592	2.4995	1.2516	4.9752	2.6867	25.548
Stddev	.0005	.071	.0008	.0024	.0014	.0107	.0038	.097
%RSD	.01929	.27024	.07785	.09765	.10819	.21606	.14027	.38036
#1	2.4586	26.394	1.0583	2.5023	1.2500	4.9635	2.6833	25.637
#2	2.4596	26.430	1.0599	2.4979	1.2525	4.9846	2.6908	25.444
#3	2.4591	26.293	1.0593	2.4982	1.2522	4.9776	2.6861	25.561
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5024	1.2628	25.442	2.5623	2.5298	23.433	4.8689	5.0441
Stddev	.0016	.0005	.081	.0027	.0022	.052	.0075	.0266
%RSD	.06517	.03841	.32022	.10506	.08713	.22096	.15317	.52663
#1	2.5043	1.2634	25.396	2.5592	2.5323	23.425	4.8603	5.0257
#2	2.5017	1.2626	25.394	2.5641	2.5289	23.385	4.8733	5.0321
#3	2.5013	1.2625	25.536	2.5635	2.5282	23.488	4.8732	5.0746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7615	5.0771	4.9195	5.0738	4.8294	5.372	4.9483	F 3.4998
Stddev	.0224	.0298	.0097	.0128	.0154	.016	.0130	.0737
%RSD	.46981	.58679	.19729	.25219	.31874	.2919	.26220	2.1046
#1	4.7832	5.0545	4.9247	5.0631	4.8173	5.376	4.9393	3.5662
#2	4.7385	5.1108	4.9083	5.0880	4.8467	5.355	4.9631	3.5126
#3	4.7628	5.0658	4.9255	5.0704	4.8243	5.385	4.9424	3.4206

Sample Name: CCV08 Acquired: 4/15/2019 18:43:31 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5728
Stddev	.2179
%RSD	6.0983

#1	3.5948
#2	3.3447
#3	3.7788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4901.2	68098.	4203.6	70.879	4701.6
Stddev	9.1	89.	30.0	1.465	4.1
%RSD	.18470	.13137	.71420	2.0665	.08668

#1	4910.4	68140.	4215.4	72.268	4700.6
#2	4892.4	67995.	4169.4	69.349	4698.1
#3	4900.7	68158.	4225.8	71.021	4706.1

Sample Name: CCB08 Acquired: 4/15/2019 18:47:34 Type: Unk
Method: P4-ICP2(v3049) 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	-.00024	.00163	-.00091	.00007	-.00131	-.02975	.00077	.00006
Stddev	.00180	.00058	.00060	.00117	.00034	.00405	.00009	.00008
%RSD	749.49	35.379	65.445	1581.3	26.190	13.614	11.949	132.86
#1	-.00229	.00100	-.00155	-.00121	-.00094	-.03019	.00078	-.00002
#2	.00111	.00175	-.00083	.00108	-.00140	-.02549	.00086	.00006
#3	.00045	.00214	-.00036	.00036	-.00161	-.03355	.00067	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01651	.00001	.00016	-.00047	.00247	.00009	-.01530
Stddev	.00005	.00548	.00023	.00007	.00010	.00050	.00005	.05032
%RSD	339.41	33.196	3253.7	43.450	20.385	20.270	53.974	328.94
#1	-.00007	.02081	-.00016	.00014	-.00041	.00248	.00004	.04061
#2	-.00001	.01034	.00027	.00024	-.00043	.00297	.00014	-.02952
#3	.00003	.01837	-.00008	.00011	-.00058	.00197	.00009	-.05698
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	.00039	-.03562	-.00008	.00013	-.03095	.00023	-.01027
Stddev	.00036	.00036	.00511	.00030	.00006	.02681	.00010	.00517
%RSD	83.573	92.341	14.342	375.82	46.484	86.619	43.533	50.382
#1	-.00070	-.00002	-.03393	-.00020	.00019	-.01188	.00020	-.00459
#2	-.00002	.00054	-.04136	.00026	.00014	-.01936	.00014	-.01150
#3	-.00059	.00065	-.03157	-.00030	.00007	-.06160	.00034	-.01472
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00139	.00008	.00187	.00008	-.0066	-.00035	F 2.4105
Stddev	.00184	.00108	.00032	.00107	.00106	.0002	.00002	.0959
%RSD	109.14	77.677	388.22	57.220	1360.5	2.543	5.3685	3.9789
#1	.00333	.00263	.00029	.00155	-.00108	-.0065	-.00033	2.4926
#2	.00204	.00085	.00024	.00306	.00098	-.0066	-.00035	2.4339
#3	-.00031	.00069	-.00028	.00099	.00034	-.0068	-.00036	2.3051

Sample Name: CCB08 Acquired: 4/15/2019 18:47:34 Type: Unk
 Method: P4-ICP2(v3049) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1193
Stddev	.6771
%RSD	60.497

#1	.38474
#2	1.7186
#3	1.2545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5112.6	71739.	4243.5	76.486	5423.7
Stddev	8.3	125.	17.0	.917	6.2
%RSD	.16295	.17478	.40111	1.1990	.11523

#1	5103.0	71604.	4225.1	75.564	5418.3
#2	5116.8	71852.	4246.9	77.398	5430.5
#3	5118.1	71761.	4258.6	76.495	5422.3