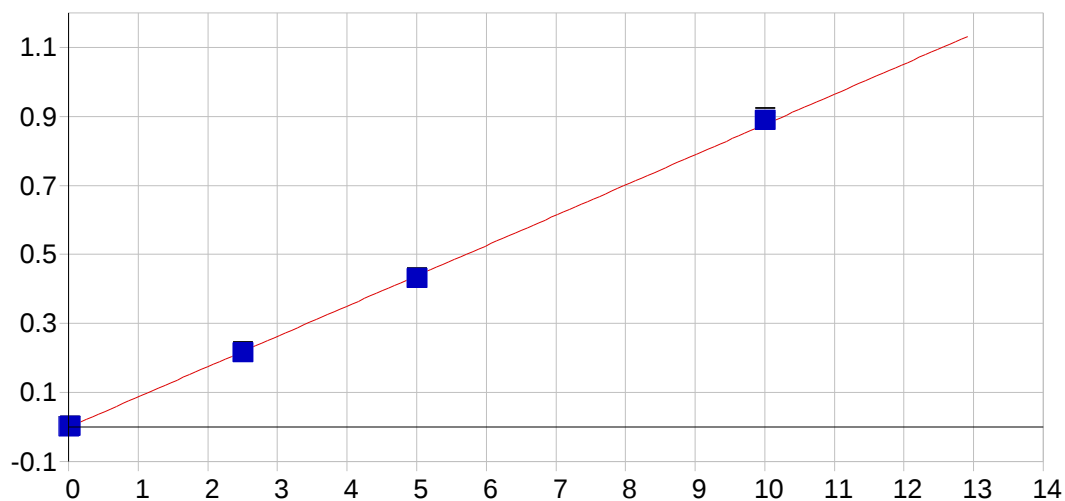




As 189.042 {478}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000457

Re-Slope: 1.000000

A1 (Gain): 0.087704

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999881

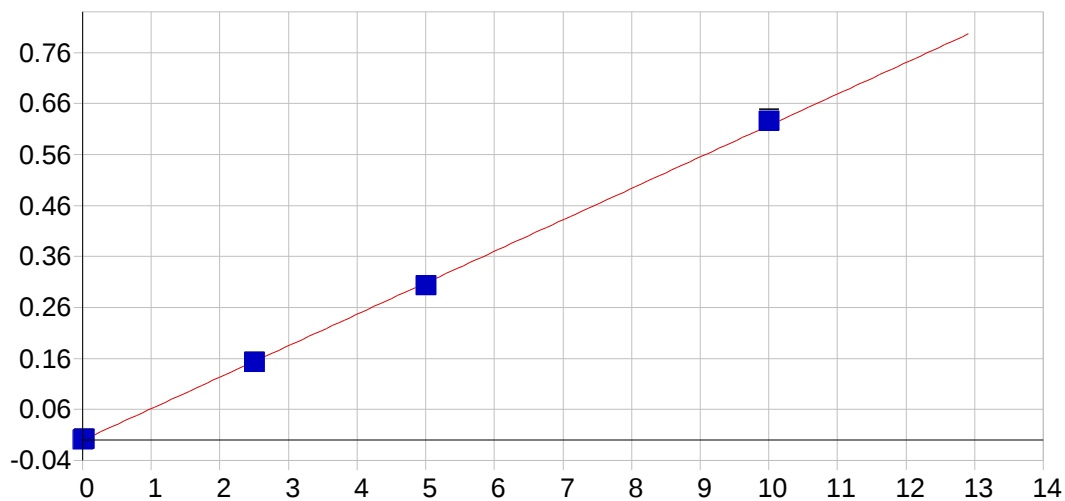
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.002569

Predicted MQL: 0.008563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.02000	.02112	.001	5.60	.00140	.000	1
S3	2.5000	2.4645	-.035	-1.42	.21568	.001	1
S4	5.0000	4.9029	-.097	-1.94	.42952	.002	1
S5	10.000	10.131	.131	1.31	.88805	.007	1



As 189.042 {479}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

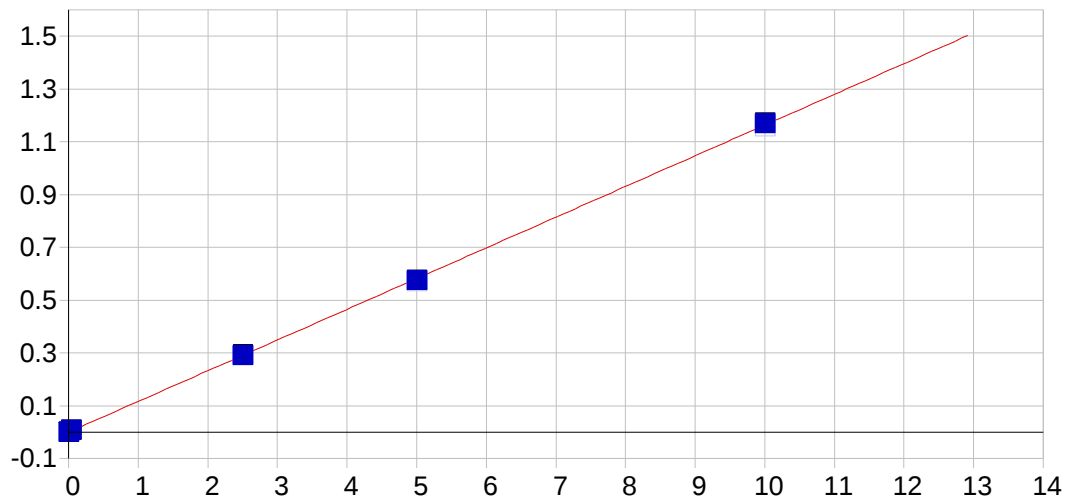
Weighting: 1/Conc

A0 (Offset): -0.000101

Re-Slope: 1.000000

A1 (Gain): 0.061709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002365
 Predicted MQL: 0.007885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02054	.001	2.72	.00117	.000	1
S3	2.5000	2.4674	-.033	-1.30	.15216	.000	1
S4	5.0000	4.9052	-.095	-1.90	.30260	.000	1
S5	10.000	10.127	.127	1.27	.62483	.004	1

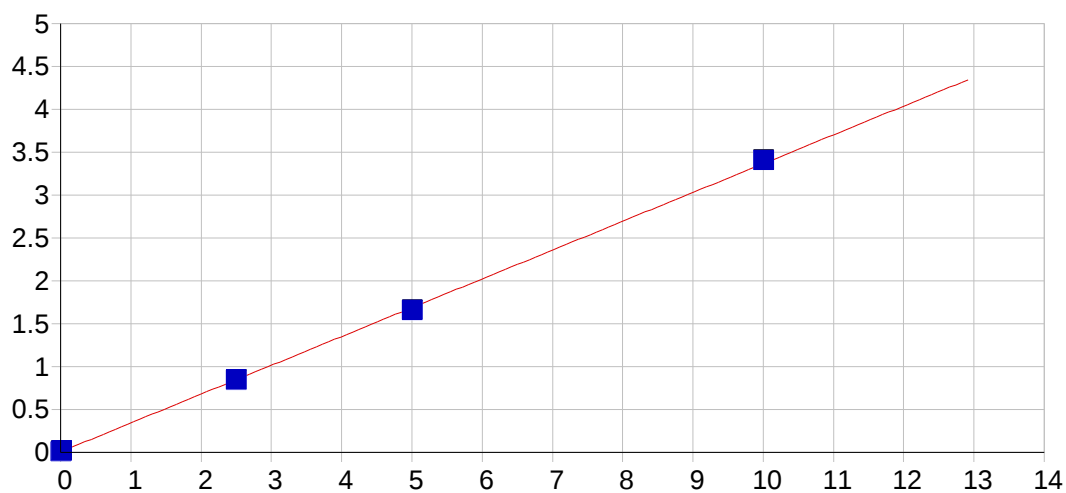


TI 190.856 {477}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.116367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001481
 Predicted MQL: 0.004938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.000	1
S1	.04000	.05078	.011	27.0	.00550	.000	1
S3	2.5000	2.5048	.005	.191	.28821	.001	1
S4	5.0000	4.9378	-.062	-1.24	.56835	.000	1
S5	10.000	10.047	.047	.468	1.1569	.002	1

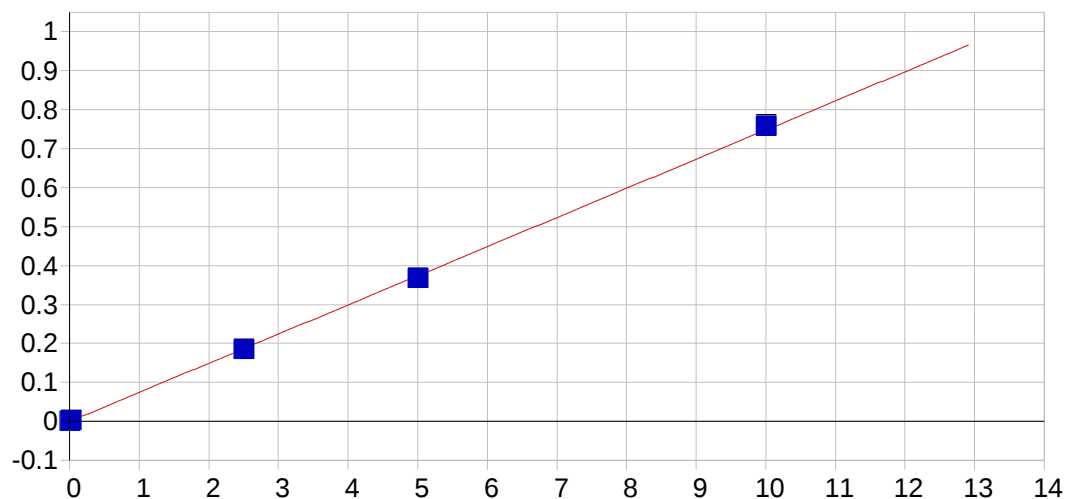


Pb 220.353 {453}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007384 Re-Slope: 1.000000
 A1 (Gain): 0.335923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000870
 Predicted MQL: 0.002902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00738	.000	1
S1	.01200	.01414	.002	17.8	.01206	.000	1
S3	2.5000	2.4795	-.020	-.819	.83916	.004	1
S4	5.0000	4.9037	-.096	-1.93	1.6523	.004	1
S5	10.000	10.115	.115	1.15	3.4005	.004	1



Se 196.090 {472}

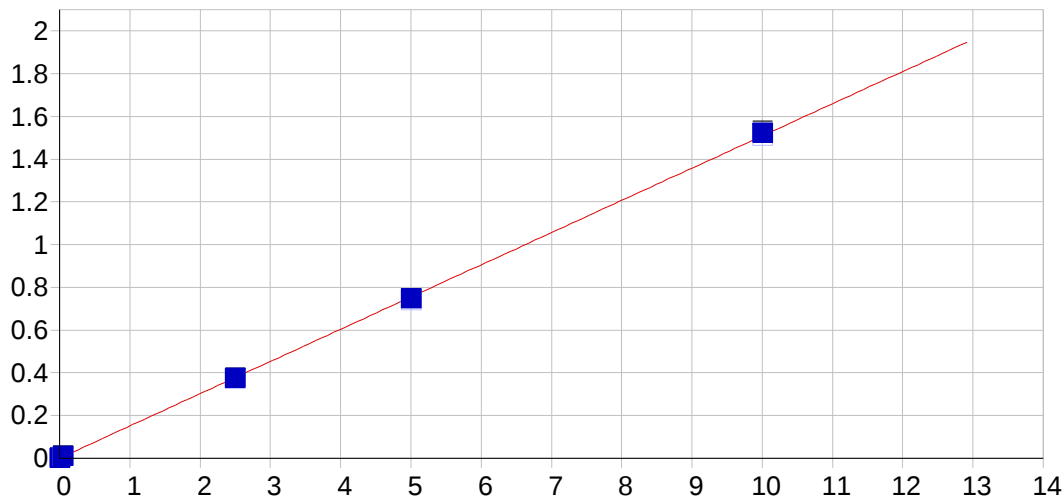
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000430 Re-Slope: 1.000000
 A1 (Gain): 0.074819 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000028
 Predicted MDL: 0.002794
 Predicted MQL: 0.009312

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.02000	.02275	.003	13.7	.00127	.000	1
S3	2.5000	2.4599	-.040	-1.60	.18359	.000	1
S4	5.0000	4.9104	-.090	-1.79	.36692	.000	1
S5	10.000	10.127	.127	1.27	.75716	.004	1



Sb 206.833 {463}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

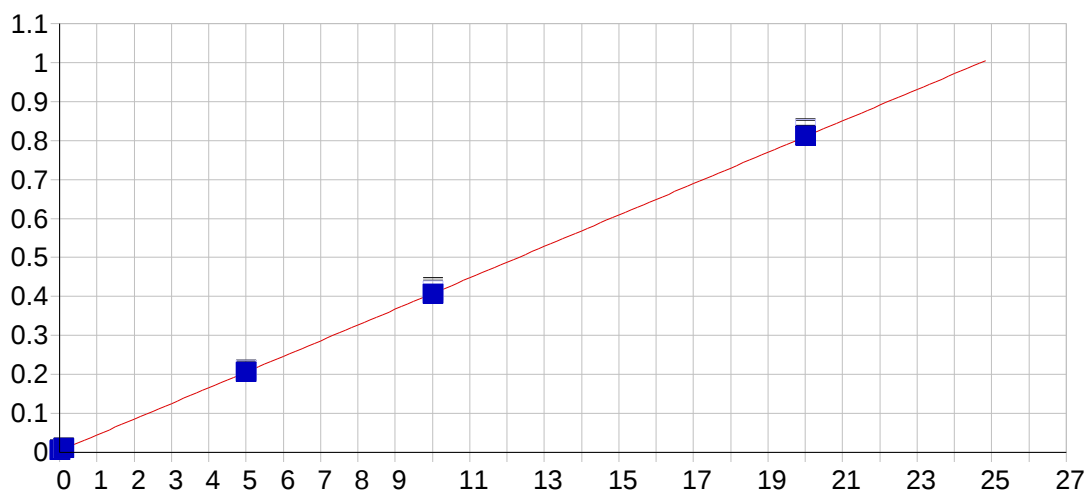
Weighting: 1/Conc

A0 (Offset): 0.000945
 A1 (Gain): 0.150790
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000091
 Predicted MDL: 0.001695
 Predicted MQL: 0.005648

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00094	.000	1
S1	.05000	.06059	.011	21.2	.00989	.000	1
S3	2.5000	2.4682	-.032	-1.27	.36888	.001	1
S4	5.0000	4.9316	-.068	-1.37	.73611	.002	1
S5	10.000	10.090	.090	.897	1.5054	.009	1

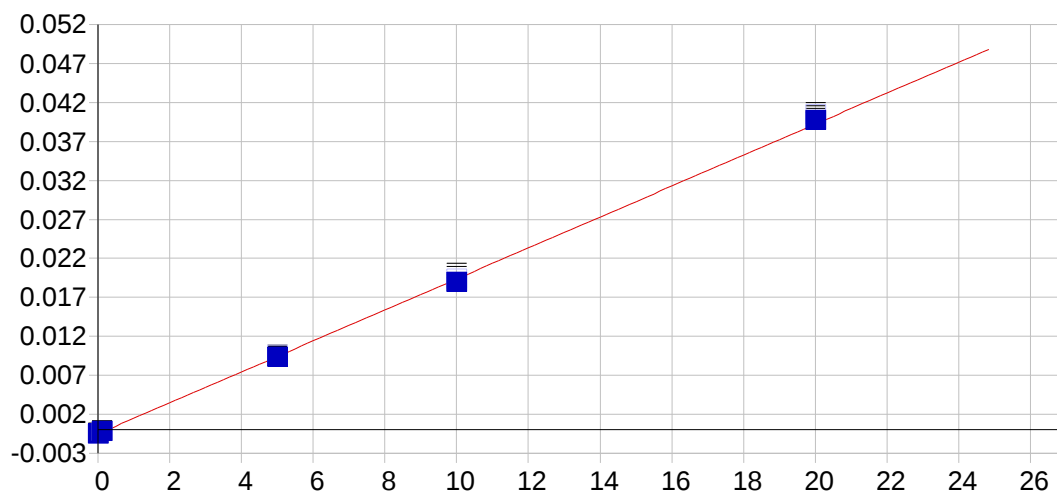


AI 308.215 {109}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004469 Re-Slope: 1.000000
 A1 (Gain): 0.040284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.003325
 Predicted MQL: 0.011084

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00447	.000	1
S1	.10000	.11748	.017	17.5	.00948	.000	1
S3	5.0000	4.9973	-.003	-.054	.20979	.000	1
S4	10.000	9.9531	-.047	-.469	.41344	.009	1
S5	20.000	20.031	.031	.156	.82745	.002	1



AI 309.271 {109}

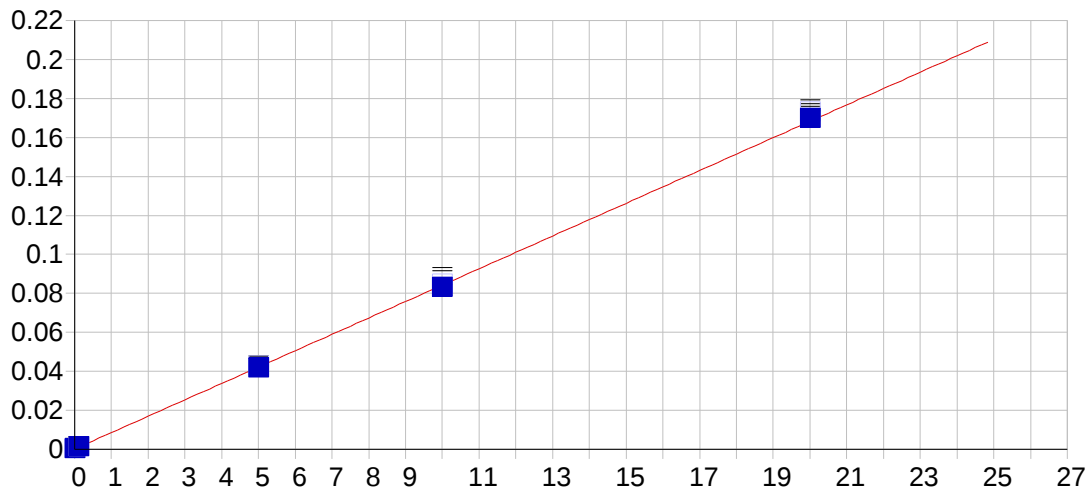
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000505 Re-Slope: 1.000000
 A1 (Gain): 0.001986 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999652
 Std Error of Est: 0.000004
 Predicted MDL: 0.036980
 Predicted MQL: 0.123266

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00051	.000	1
S1	.10000	.14188	.042	41.9	-.00021	.000	1
S3	5.0000	4.9506	-.049	-.987	.00953	.000	1
S4	10.000	9.7798	-.220	-2.20	.01932	.001	1
S5	20.000	20.226	.226	1.13	.04046	.000	1



AI 396.152 { 85}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

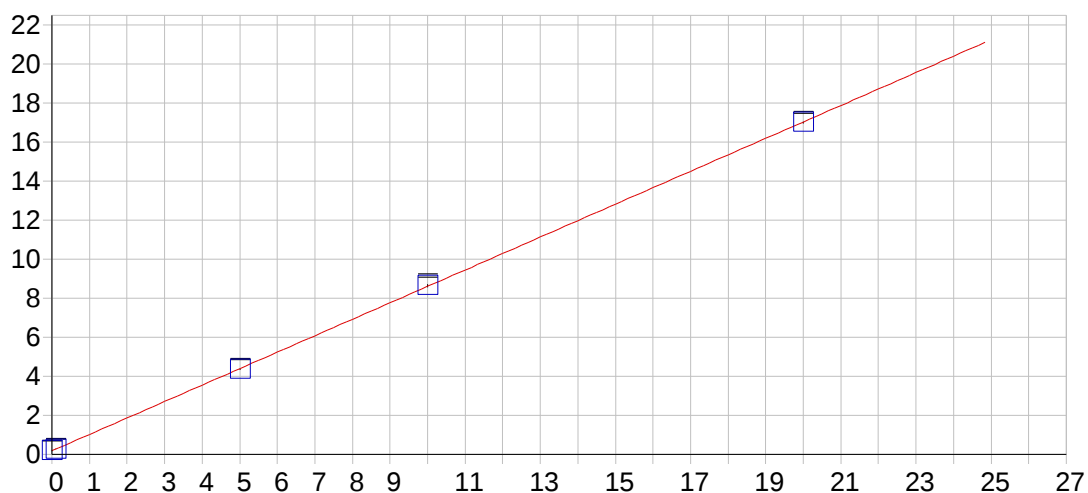
Weighting: 1/Conc

A0 (Offset): 0.000171
 A1 (Gain): 0.008405
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818
 Std Error of Est: 0.000013
 Predicted MDL: 0.015206
 Predicted MQL: 0.050686

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00017	.000	1
S1	.10000	.12940	.029	29.4	.00132	.000	1
S3	5.0000	4.9440	-.056	-1.12	.04256	.000	1
S4	10.000	9.8446	-.155	-1.55	.08459	.003	1
S5	20.000	20.181	.181	.903	.17313	.001	1

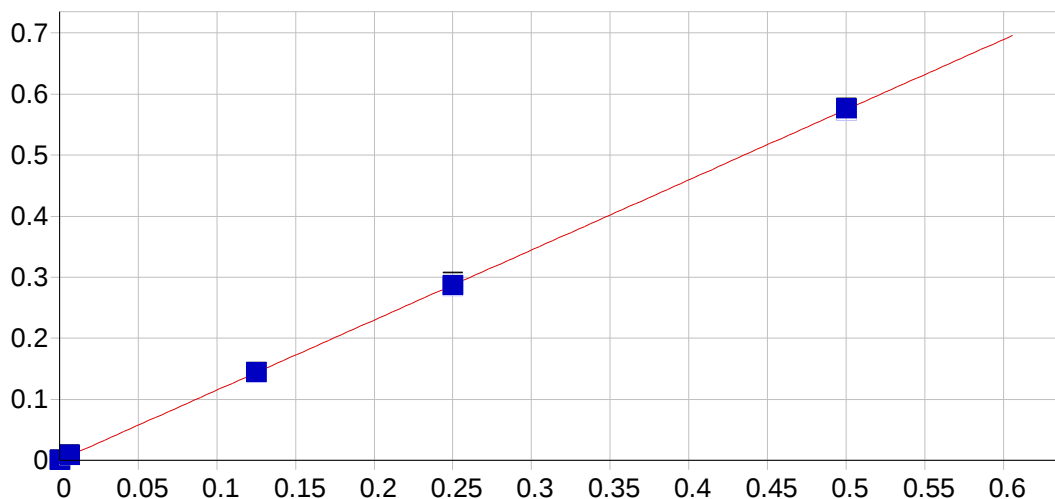


Ba 493.409 { 68}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.180916 Re-Slope: 1.000000
 A1 (Gain): 0.842879 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000521
 Predicted MDL: 0.005217
 Predicted MQL: 0.017390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.18091	.004	1
S1	.10000	.11346	.013	13.5	.27655	.003	1
S3	5.0000	4.9655	-.035	-.690	4.3662	.025	1
S5	20.000	19.975	-.025	-.124	17.018	.049	1
S4	10.000	10.046	.046	.458	8.6483	.092	1



Be 234.861 {144}

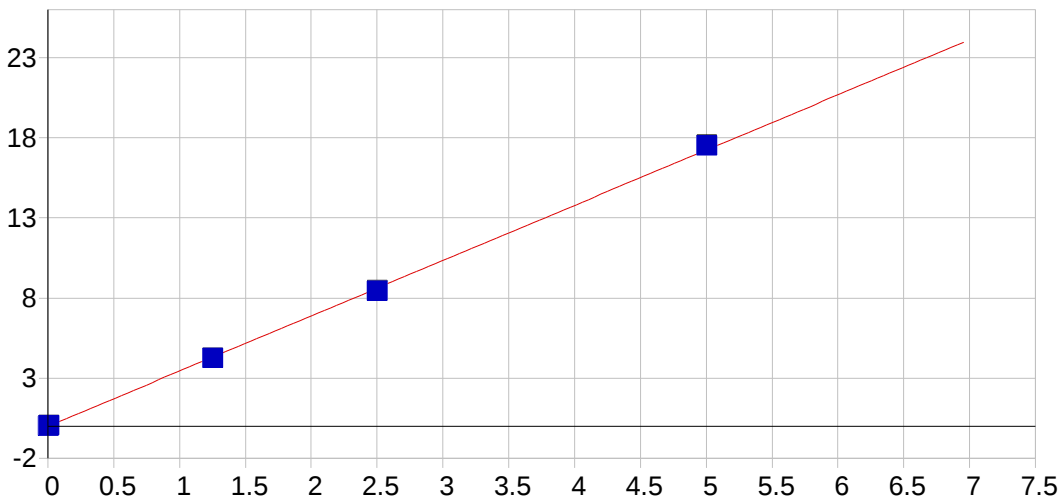
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000183 Re-Slope: 1.000000
 A1 (Gain): 1.148352 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000034
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.00600	.00670	.001	11.7	.00781	.000	1
S3	.12500	.12464	-.000	-.287	.14241	.001	1
S4	.25000	.24887	-.001	-.451	.28417	.006	1
S5	.50000	.50079	.001	.157	.57165	.001	1



Cd 226.502 {449}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

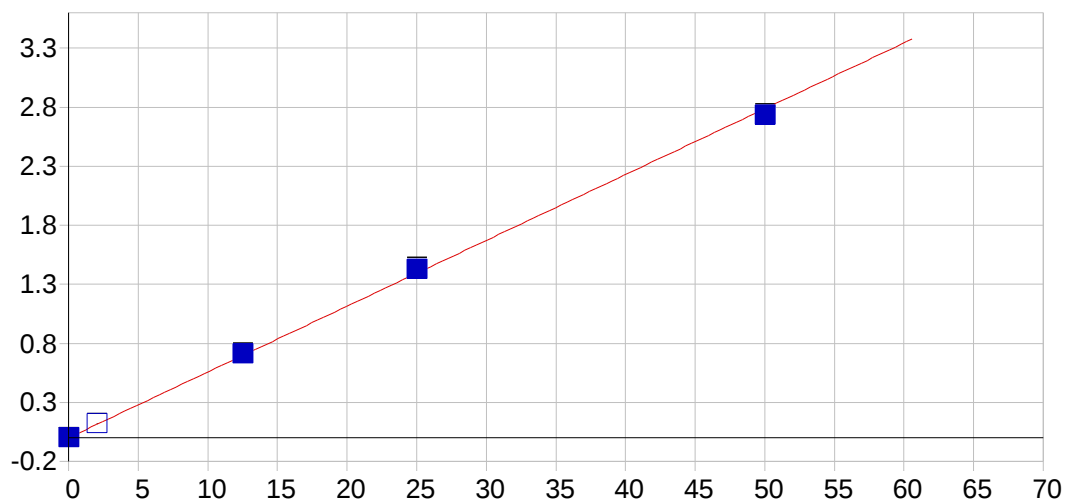
Weighting: 1/Conc

A0 (Offset): -0.002108
 A1 (Gain): 3.447366
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000574
 Predicted MDL: 0.000088
 Predicted MQL: 0.000295

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	-.00211	.000	1
S1	.00600	.00625	.000	4.09	.01946	.000	1
S3	1.2500	1.2238	-.026	-2.10	4.2177	.014	1
S4	2.5000	2.4491	-.051	-2.04	8.4429	.014	1
S5	5.0000	5.0769	.077	1.54	17.504	.027	1

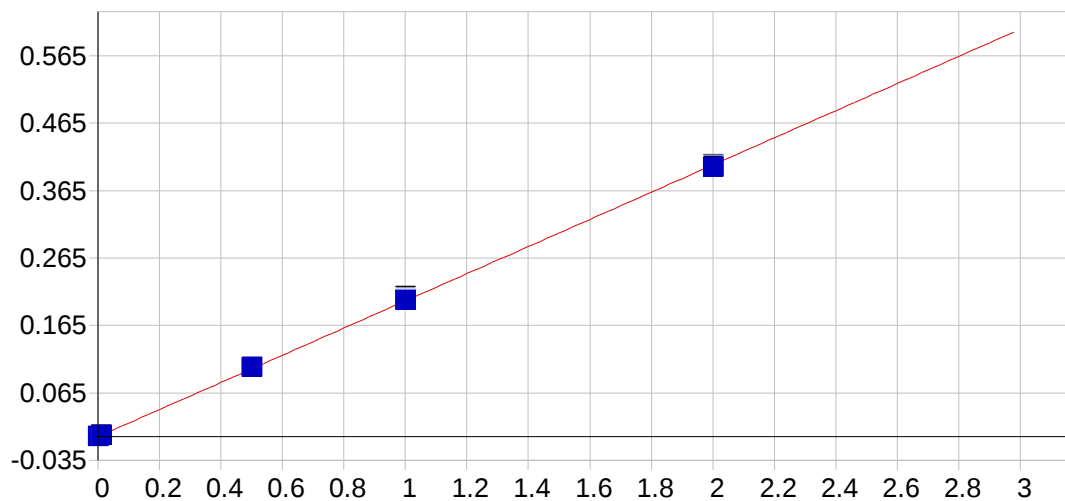


Ca 373.690 { 90}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.055734 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.000720
 Predicted MDL: 0.019474
 Predicted MQL: 0.064913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1343	.134	6.72	.11891	.001	1
S0	.00000	-.00019	-.000	.000	-.00005	.001	1
S3	12.500	12.784	.284	2.27	.71281	.003	1
S4	25.000	25.595	.595	2.38	1.4272	.015	1
S5	50.000	48.987	-1.01	-2.03	2.7317	.010	1



Cr 267.716 {126}

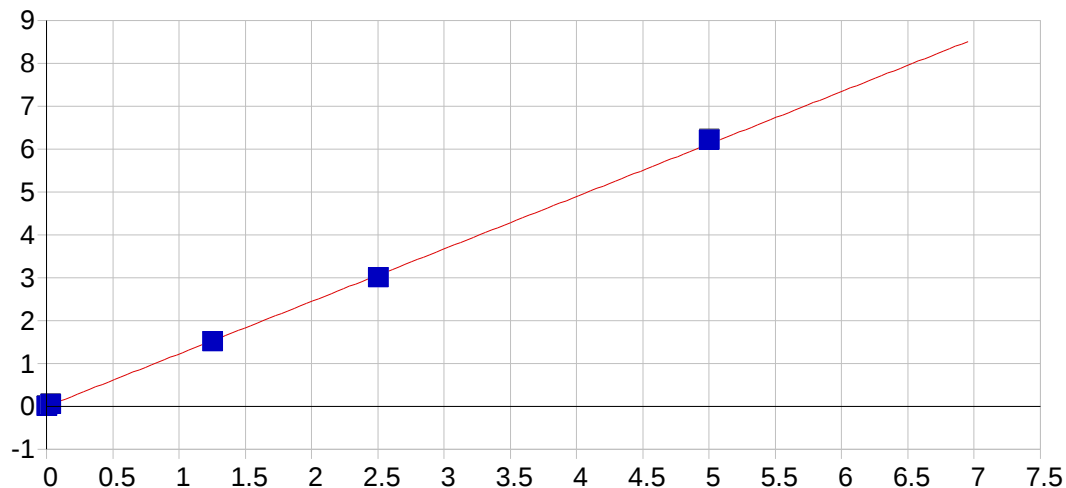
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.201497 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000020
 Predicted MDL: 0.000502
 Predicted MQL: 0.001672

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.01000	.01179	.002	17.9	.00233	.000	1
S3	.50000	.50905	.009	1.81	.10327	.000	1
S4	1.0000	1.0045	.004	.447	.20385	.004	1
S5	2.0000	1.9847	-.015	-.765	.40286	.000	1



Co 228.616 {447}

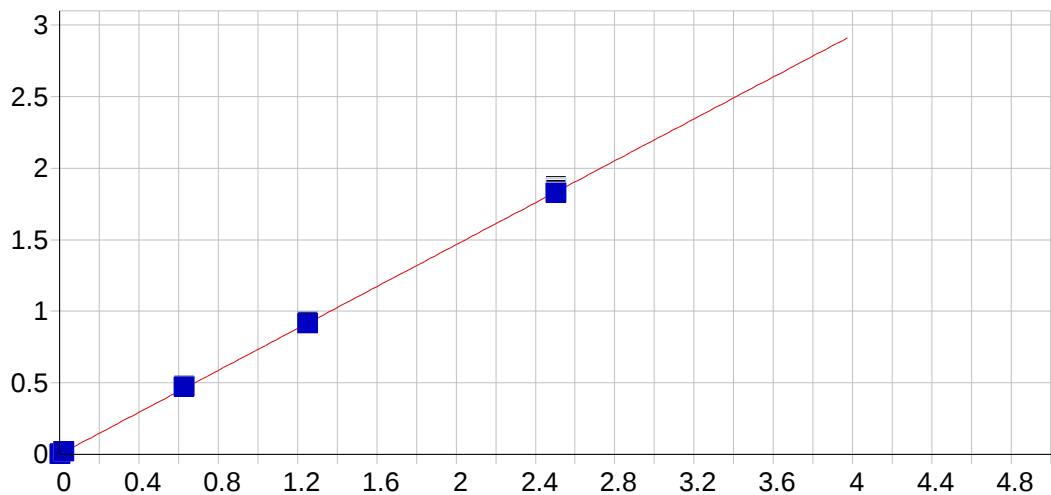
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000039
 A1 (Gain): 1.224068
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798
 Std Error of Est: 0.000516
 Predicted MDL: 0.000229
 Predicted MQL: 0.000762

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.03000	.03566	.006	18.9	.04336	.000	1
S3	1.2500	1.2282	-.022	-1.75	1.5045	.006	1
S4	2.5000	2.4467	-.053	-2.13	2.9972	.010	1
S5	5.0000	5.0696	.070	1.39	6.2103	.012	1

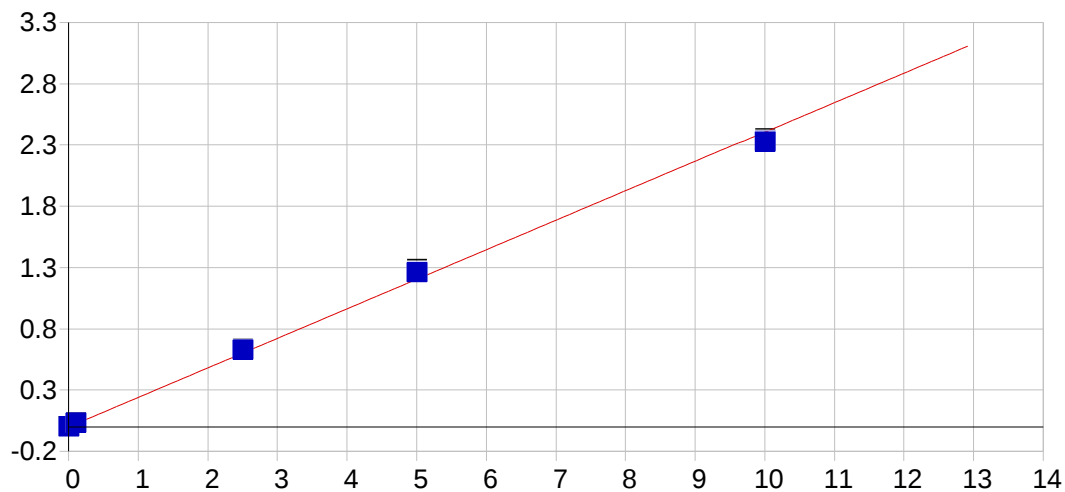


Cu 224.700 {450}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000505 Re-Slope: 1.000000
 A1 (Gain): 0.732634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000140
 Predicted MDL: 0.000477
 Predicted MQL: 0.001589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.02000	.02389	.004	19.5	.01824	.000	1
S3	.62500	.63787	.013	2.06	.47523	.001	1
S4	1.2500	1.2426	-.007	-.595	.92565	.003	1
S5	2.5000	2.4907	-.009	-.373	1.8549	.014	1



Fe 240.488 {140}

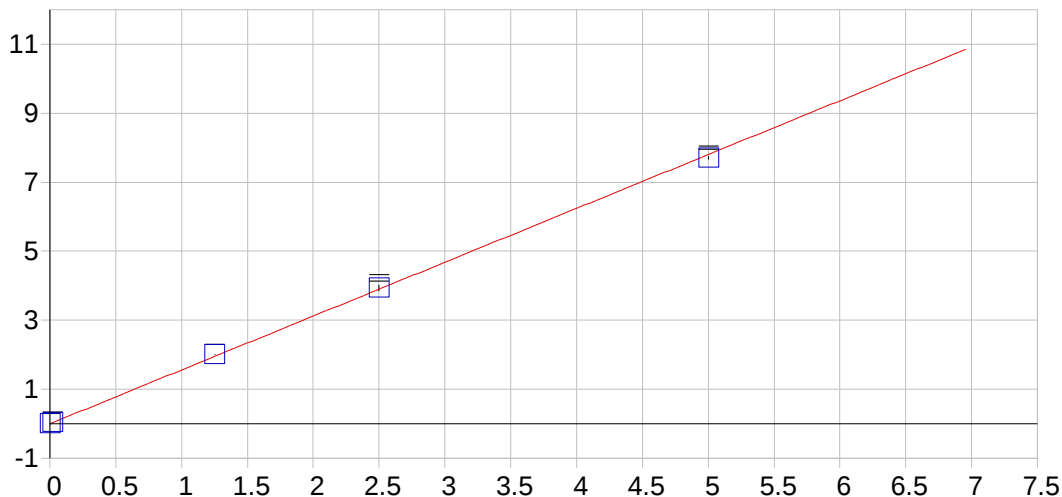
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001925 Re-Slope: 1.000000
 A1 (Gain): 0.240876 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999071
 Std Error of Est: 0.000565
 Predicted MDL: 0.003235
 Predicted MQL: 0.010783

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00193	.000	1
S1	.10000	.12466	.025	24.7	.02822	.001	1
S3	2.5000	2.6102	.110	4.41	.62985	.001	1
S4	5.0000	5.2190	.219	4.38	1.2613	.024	1
S5	10.000	9.6461	-.354	-3.54	2.3337	.017	1



Mn 257.610 {131}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

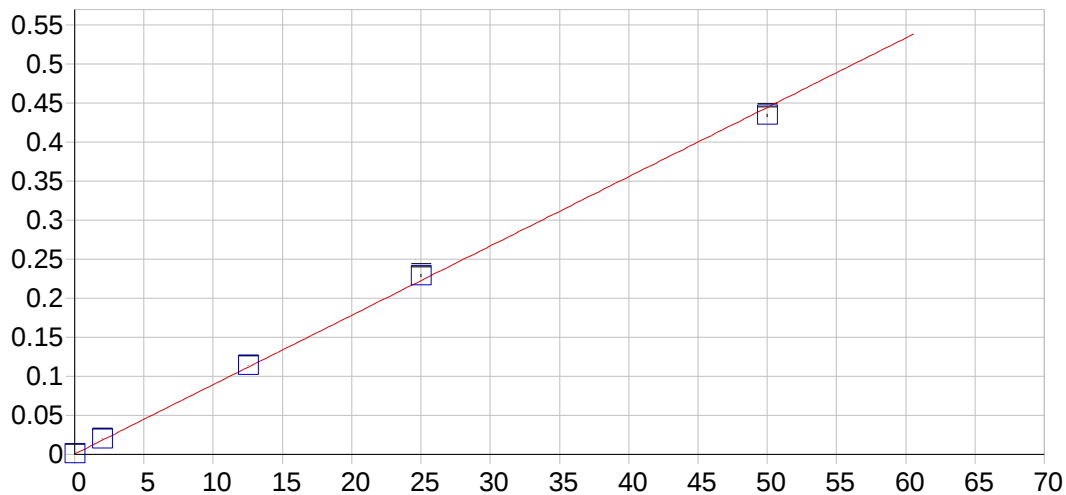
Weighting: 1/Conc

A0 (Offset): -0.000023
 A1 (Gain): 1.560263
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000498
 Predicted MDL: 0.000067
 Predicted MQL: 0.000222

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.02000	.02475	.005	23.7	.03859	.000	1
S3	1.2500	1.2838	.034	2.71	2.0031	.002	1
S4	2.5000	2.5240	.024	.962	3.9382	.094	1
S5	5.0000	4.9374	-.063	-1.25	7.7036	.045	1

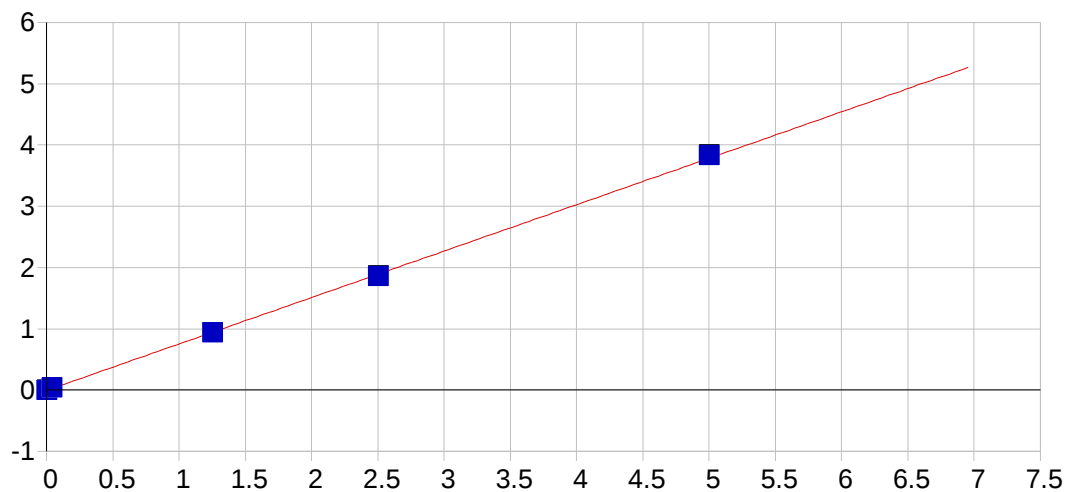


Mg 279.079 {121}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000530 Re-Slope: 1.000000
 A1 (Gain): 0.008884 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.052659
 Predicted MQL: 0.175531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1857	.186	9.29	.01995	.001	1
S0	.00000	-.00024	-.000	.000	.00053	.000	1
S3	12.500	12.745	.245	1.96	.11375	.000	1
S4	25.000	25.712	.712	2.85	.22896	.002	1
S5	50.000	48.857	-1.14	-2.29	.43457	.002	1



Ni 231.604 {445}

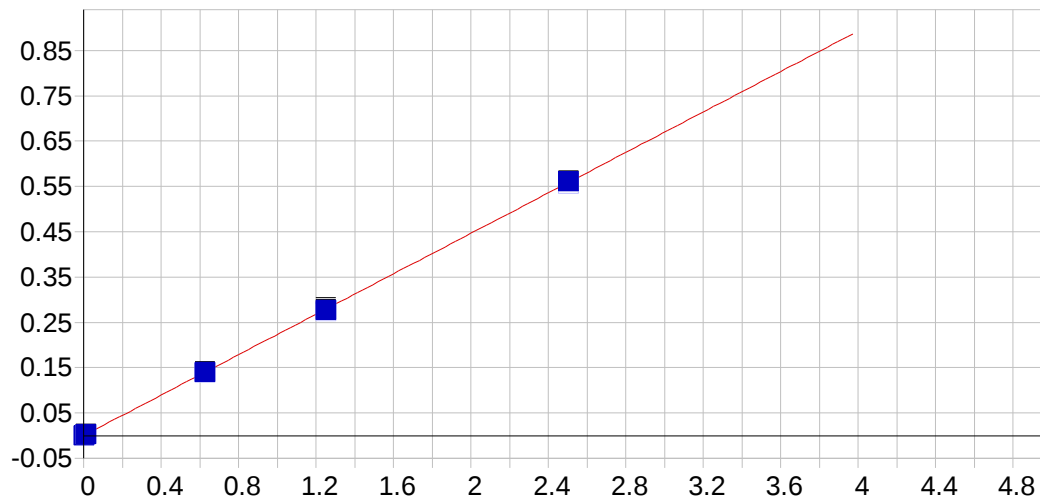
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005598 Re-Slope: 1.000000
 A1 (Gain): 0.757917 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000329
 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	-.00001	-.000	.000	-.00560	.000	1
S1	.04000	.04702	.007	17.5	.03006	.000	1
S3	1.2500	1.2369	-.013	-1.05	.93292	.002	1
S4	2.5000	2.4528	-.047	-1.89	1.8555	.005	1
S5	5.0000	5.0532	.053	1.06	3.8285	.008	1

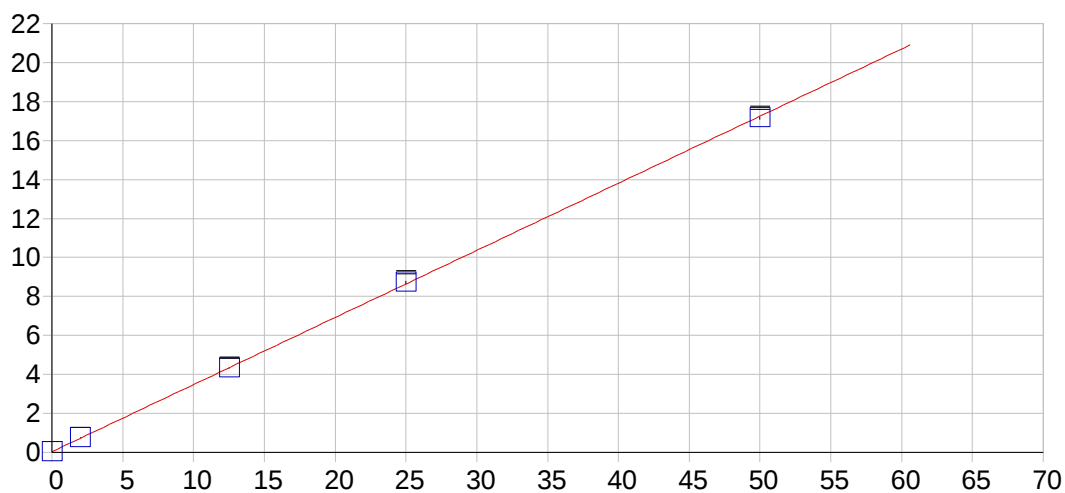


Ag 328.068 {103}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.223219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000698
 Predicted MQL: 0.002327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01106	.001	10.6	.00248	.000	1
S3	.62500	.62281	-.002	-.350	.13750	.001	1
S4	1.2500	1.2402	-.010	-.787	.27372	.005	1
S5	2.5000	2.5110	.011	.439	.55422	.001	1

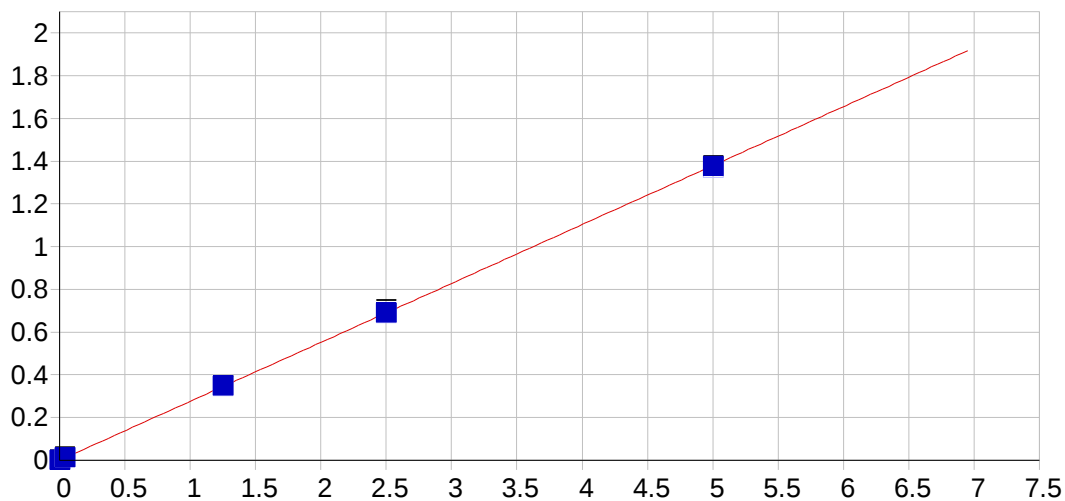


Na 589.592 { 57}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.034211 Re-Slope: 1.000000
 A1 (Gain): 0.344407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.002011
 Predicted MDL: 0.011073
 Predicted MQL: 0.036911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1139	.114	5.69	.76225	.003	1
S0	.00000	-.00011	-.000	.000	.03417	.004	1
S3	12.500	12.449	-.051	-.409	4.3217	.030	1
S4	25.000	25.220	.220	.881	8.7203	.095	1
S5	50.000	49.717	-.283	-.566	17.157	.068	1



V 292.402 {115}

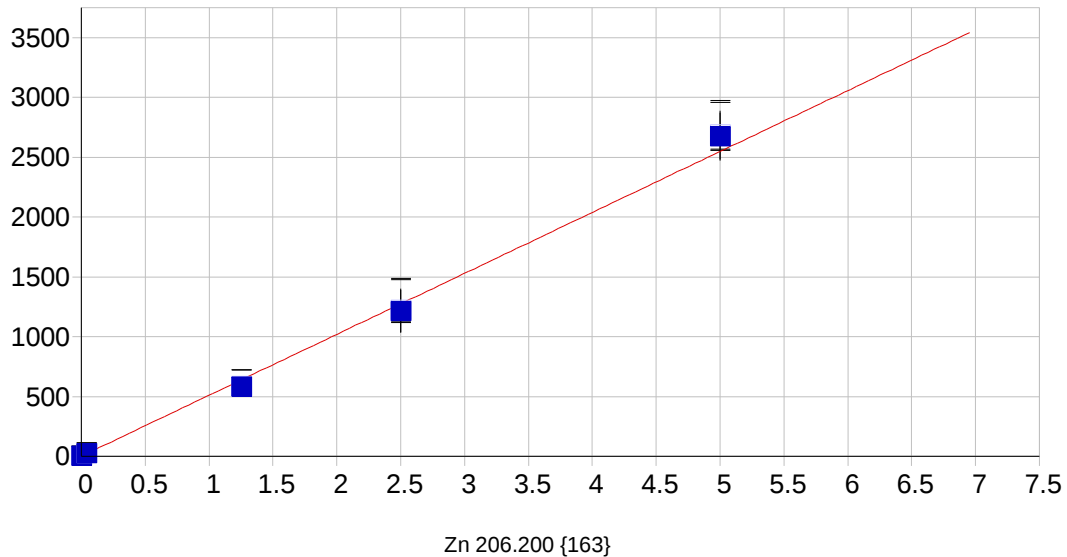
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000223 Re-Slope: 1.000000
 A1 (Gain): 0.275846 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903
 Std Error of Est: 0.000092
 Predicted MDL: 0.000489
 Predicted MQL: 0.001630

Status: OK.

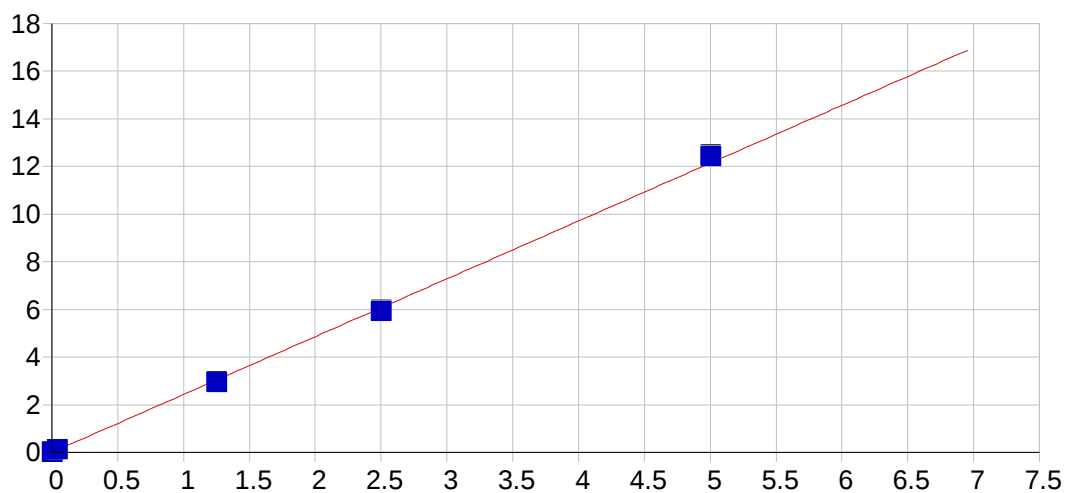
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00022	.000	1
S1	.04000	.04804	.008	20.1	.01330	.000	1
S3	1.2500	1.2556	.006	.445	.34431	.000	1
S4	2.5000	2.4991	-.001	-.037	.68508	.016	1
S5	5.0000	4.9874	-.013	-.252	1.3670	.003	1



Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.153316 Re-Slope: 1.000000
 A1 (Gain): 509.322213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998353 Status: OK.
 Std Error of Est: 0.712466
 Predicted MDL: 0.000186
 Predicted MQL: 0.000621

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	1.1555	.263	1
S1	.04000	.03965	-.000	-.882	21.480	2.89	1
S3	1.2500	1.1309	-.119	-9.53	580.99	57.0	1
S4	2.5000	2.3759	-.124	-4.97	1218.9	180.	1
S5	5.0000	5.2436	.244	4.87	2687.2	203.	1

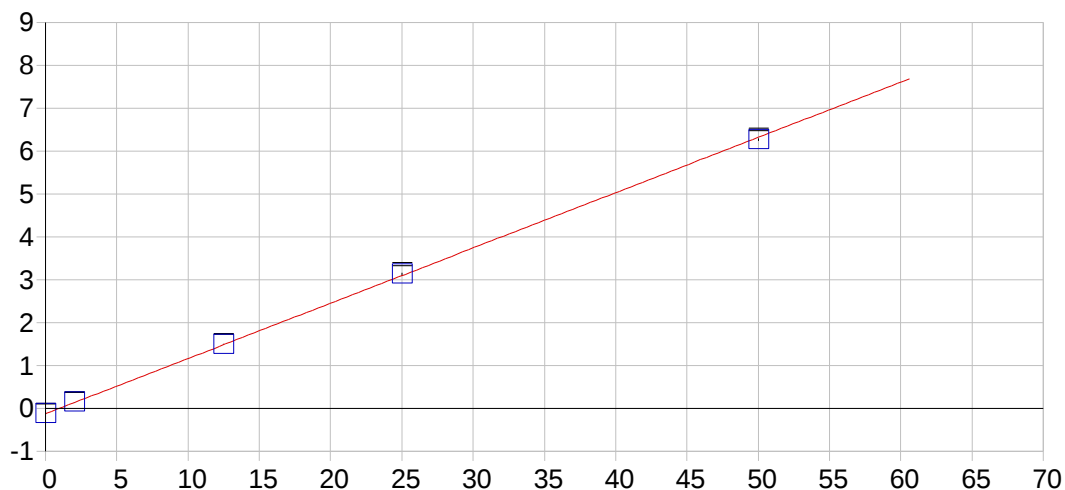


Zn 213.856 {458}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003132 Re-Slope: 1.000000
 A1 (Gain): 2.427393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999641 Status: OK.
 Std Error of Est: 0.001584
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00312	.000	1
S1	.04000	.04443	.004	11.1	.11163	.000	1
S3	1.2500	1.2021	-.048	-3.84	2.9393	.013	1
S4	2.5000	2.4348	-.065	-2.61	5.9500	.013	1
S5	5.0000	5.1087	.109	2.17	12.477	.023	1



K 766.490 {44}

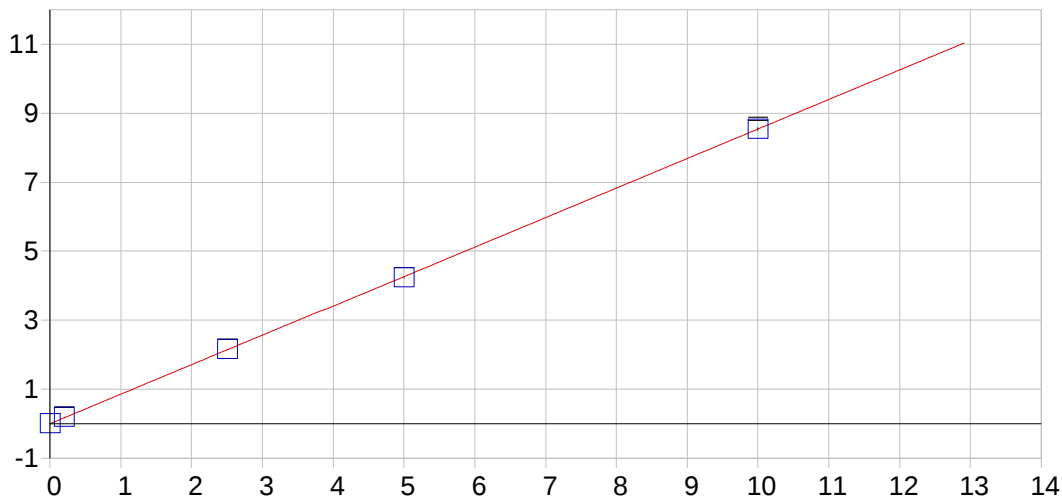
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.124766 Re-Slope: 1.000000
 A1 (Gain): 0.128899 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000691
 Predicted MDL: 0.036898
 Predicted MQL: 0.122993

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0747	.075	3.74	.14267	.004	1
S0	.00000	-.00009	-.000	.000	-.12478	.004	1
S3	12.500	12.590	.090	.723	1.4981	.002	1
S4	25.000	25.228	.228	.912	3.1271	.031	1
S5	50.000	49.607	-.393	-.786	6.2695	.028	1



Mo 202.030 {467}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

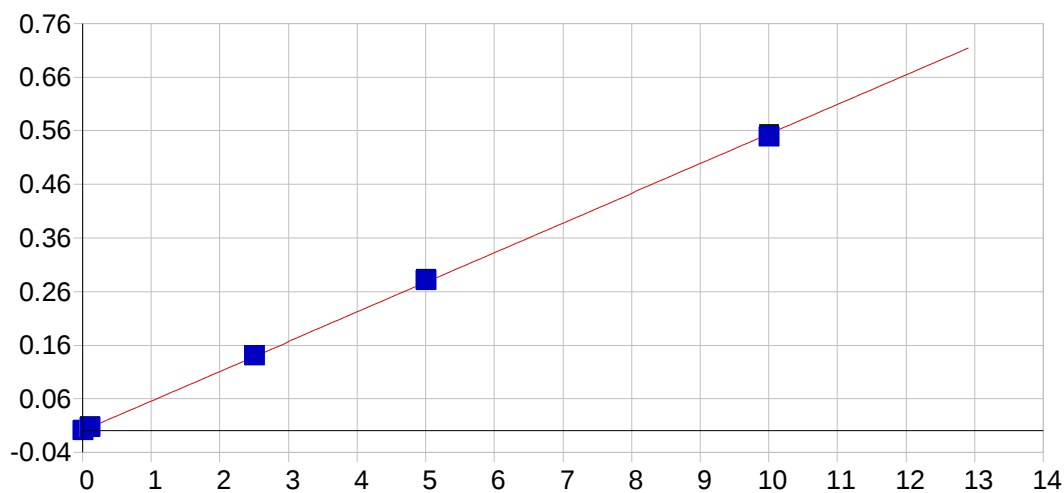
Weighting: 1/Conc

A0 (Offset): -0.000099
 A1 (Gain): 0.853912
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.001047
 Predicted MDL: 0.000273
 Predicted MQL: 0.000910

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00012	.000	1
S1	.20000	.22807	.028	14.0	.19465	.000	1
S3	2.5000	2.5185	.018	.740	2.1505	.007	1
S4	5.0000	4.9534	-.047	-.933	4.2296	.006	1
S5	10.000	10.000	.000	.001	8.5391	.051	1

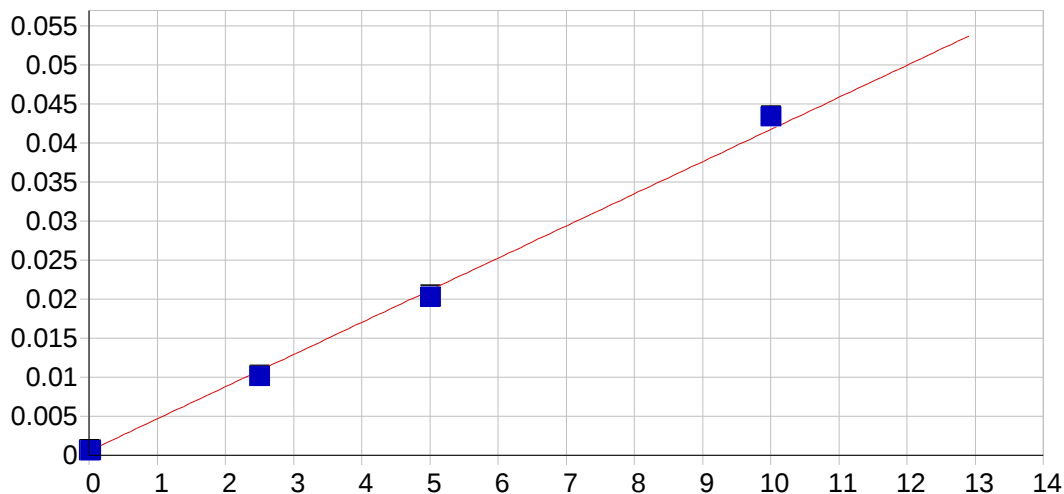


B 249.678 {135}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000498 Re-Slope: 1.000000
 A1 (Gain): 0.055345 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.008309
 Predicted MQL: 0.027697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00050	.001	1
S1	.10000	.11095	.011	10.9	.00661	.001	1
S3	2.5000	2.5198	.020	.792	.13963	.001	1
S4	5.0000	5.0716	.072	1.43	.28054	.001	1
S5	10.000	9.8977	-.102	-1.02	.54699	.004	1



S 182.034 {485}

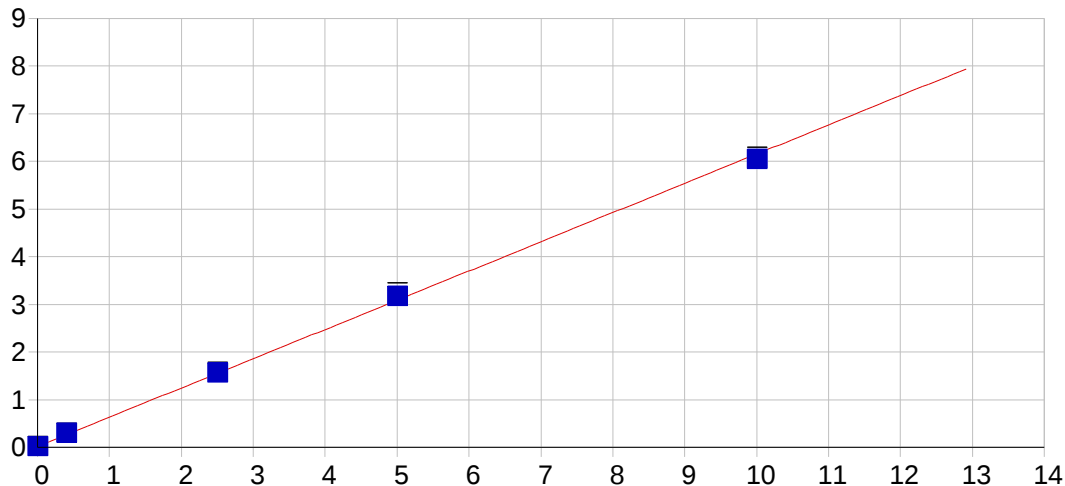
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000549 Re-Slope: 1.000000
 A1 (Gain): 0.004119 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998897
 Std Error of Est: 0.000005
 Predicted MDL: 0.024858
 Predicted MQL: 0.082860

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00055	.000	1
S1	.02000	.01394	-.006	-30.3	.00060	.000	1
S3	2.5000	2.3251	-.175	-7.00	.01012	.000	1
S4	5.0000	4.7872	-.213	-4.26	.02025	.000	1
S5	10.000	10.394	.394	3.94	.04332	.000	1



Si 288.158 {117}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

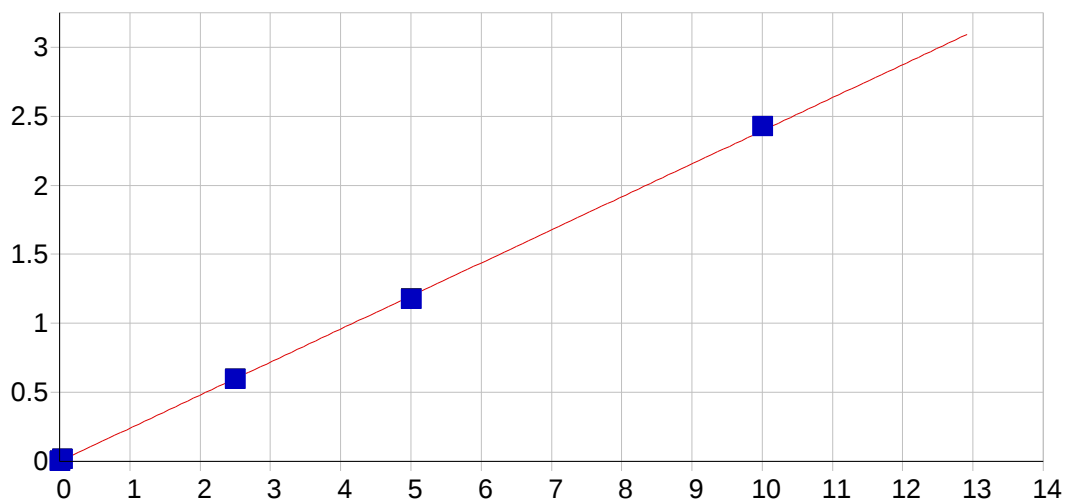
Weighting: 1/Conc

A0 (Offset): 0.017733
 A1 (Gain): 0.613647
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655
 Std Error of Est: 0.001759
 Predicted MDL: 0.002508
 Predicted MQL: 0.008359

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.01770	.001	1
S1	.40000	.44680	.047	11.7	.29170	.005	1
S3	2.5000	2.5145	.015	.581	1.5599	.010	1
S4	5.0000	5.1270	.127	2.54	3.1623	.073	1
S5	10.000	9.8117	-.188	-1.88	6.0354	.051	1

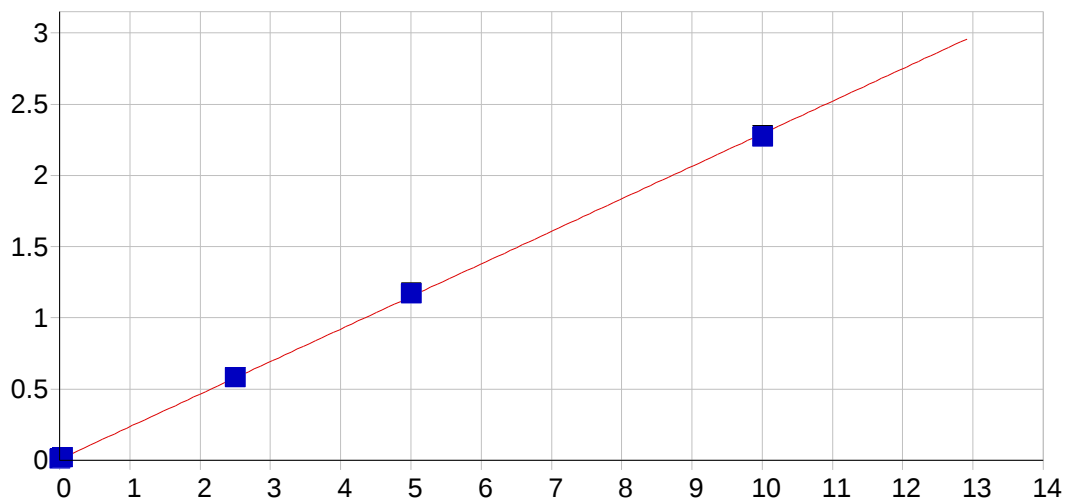


Sn 189.989 {477}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001218 Re-Slope: 1.000000
 A1 (Gain): 0.239376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.000632
 Predicted MQL: 0.002107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00122	.000	1
S1	.04000	.04619	.006	15.5	.01227	.000	1
S3	2.5000	2.4777	-.022	-.892	.59442	.001	1
S4	5.0000	4.9005	-.100	-1.99	1.1745	.005	1
S5	10.000	10.116	.116	1.16	2.4231	.003	1



Ti 336.121 {100}

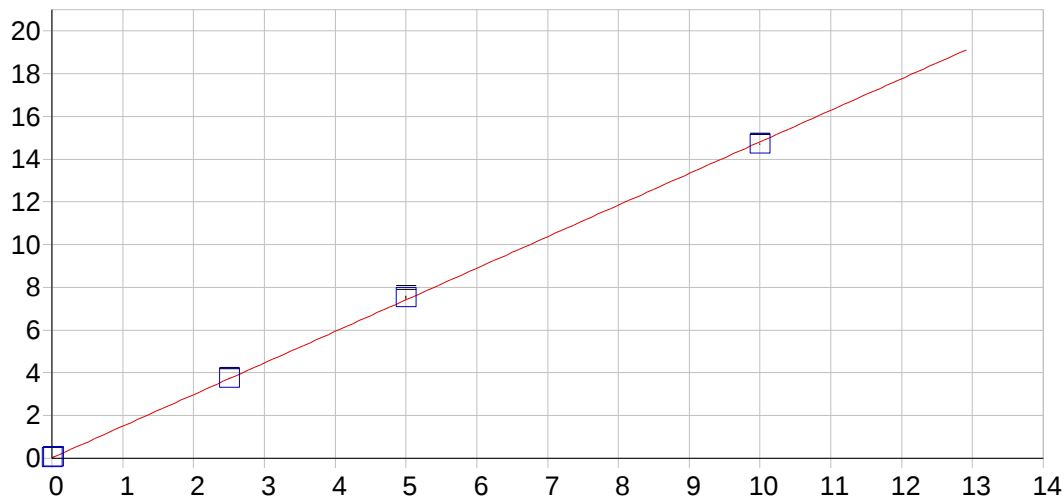
Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007494 Re-Slope: 1.000000
 A1 (Gain): 0.228532 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000106
 Predicted MDL: 0.003325
 Predicted MQL: 0.011082

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00749	.001	1
S1	.04000	.04505	.005	12.6	.01779	.001	1
S3	2.5000	2.5063	.006	.254	.58020	.002	1
S4	5.0000	5.0884	.088	1.77	1.1702	.003	1
S5	10.000	9.9002	-.100	-.998	2.2697	.009	1



Li 670.784 { 50}

Date of Fit: 1/29/2019 12:14:51

Type of Fit: Linear

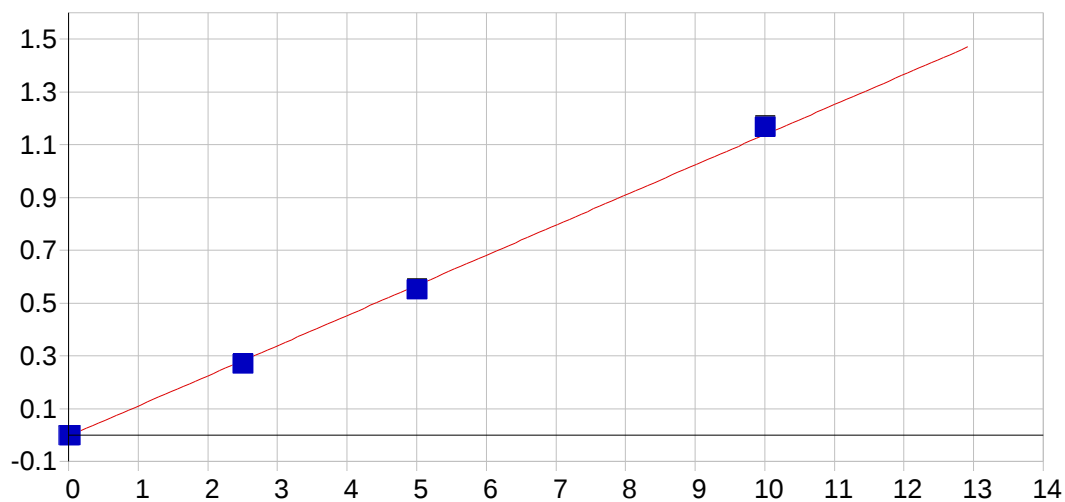
Weighting: 1/Conc

A0 (Offset): 0.024599
 A1 (Gain): 1.478699
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000319
 Predicted MDL: 0.002789
 Predicted MQL: 0.009297

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	.02460	.002	1
S1	.02000	.01906	-.001	-4.70	.05278	.005	1
S3	2.5000	2.5081	.008	.322	3.7333	.032	1
S4	5.0000	5.0640	.064	1.28	7.5127	.094	1
S5	10.000	9.9289	-.071	-.711	14.706	.040	1

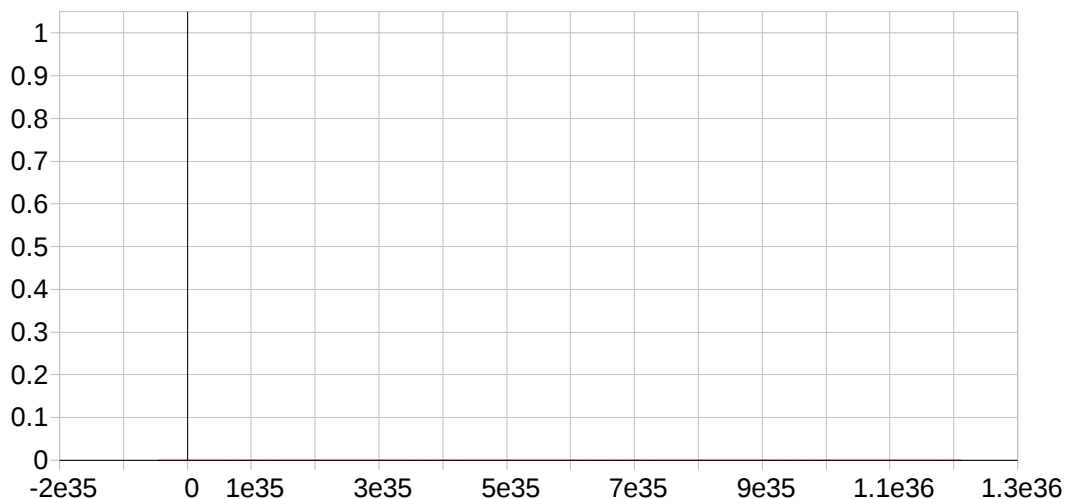


P 177.495 {490}

Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004196 Re-Slope: 1.000000
 A1 (Gain): 0.114188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999561 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001350
 Predicted MQL: 0.004498

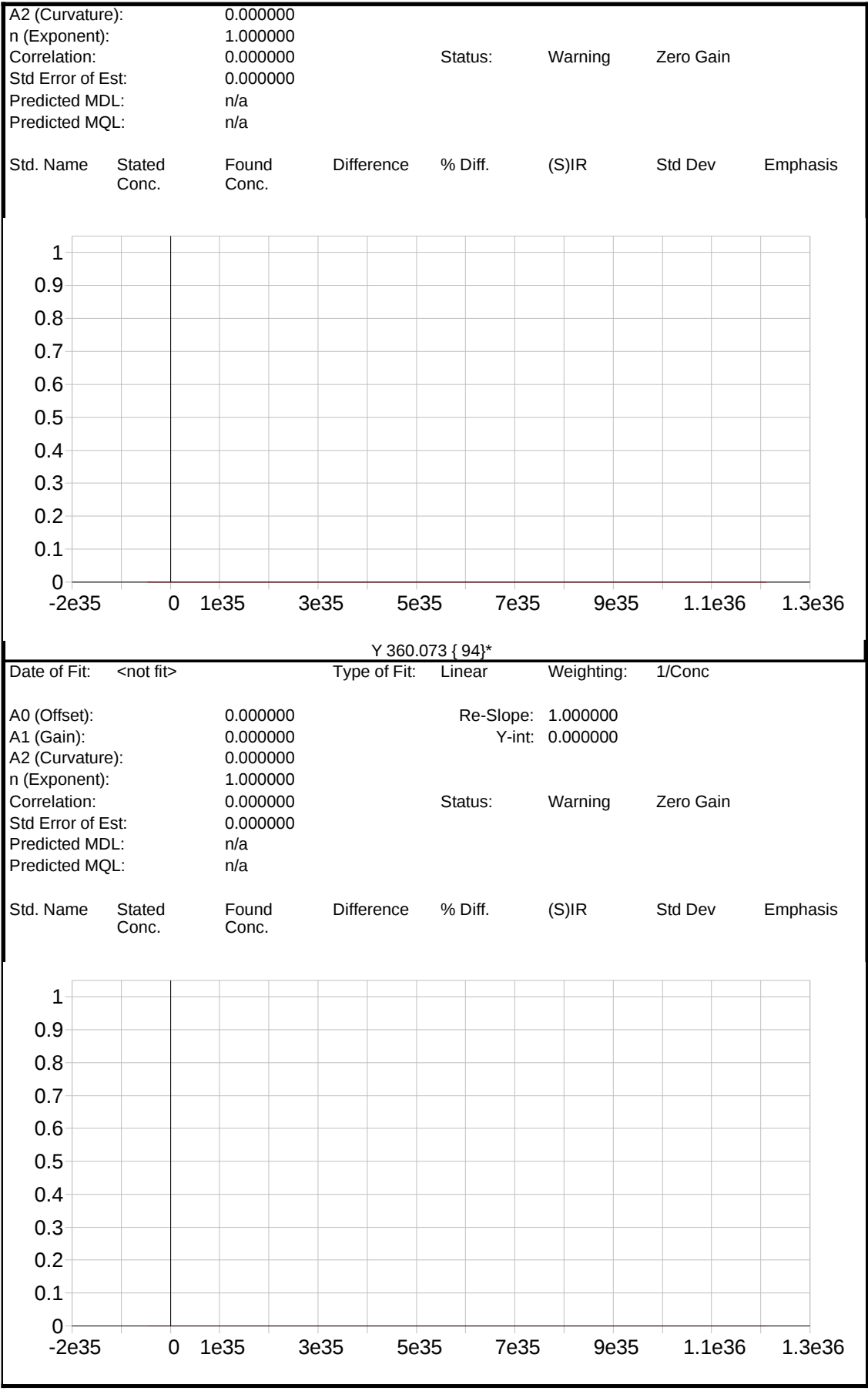
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00420	.000	1
S1	.02000	.01940	-.001	-3.02	-.00199	.000	1
S3	2.5000	2.3871	-.113	-4.52	.26796	.001	1
S4	5.0000	4.8610	-.139	-2.78	.55004	.001	1
S5	10.000	10.253	.253	2.53	1.1649	.004	1

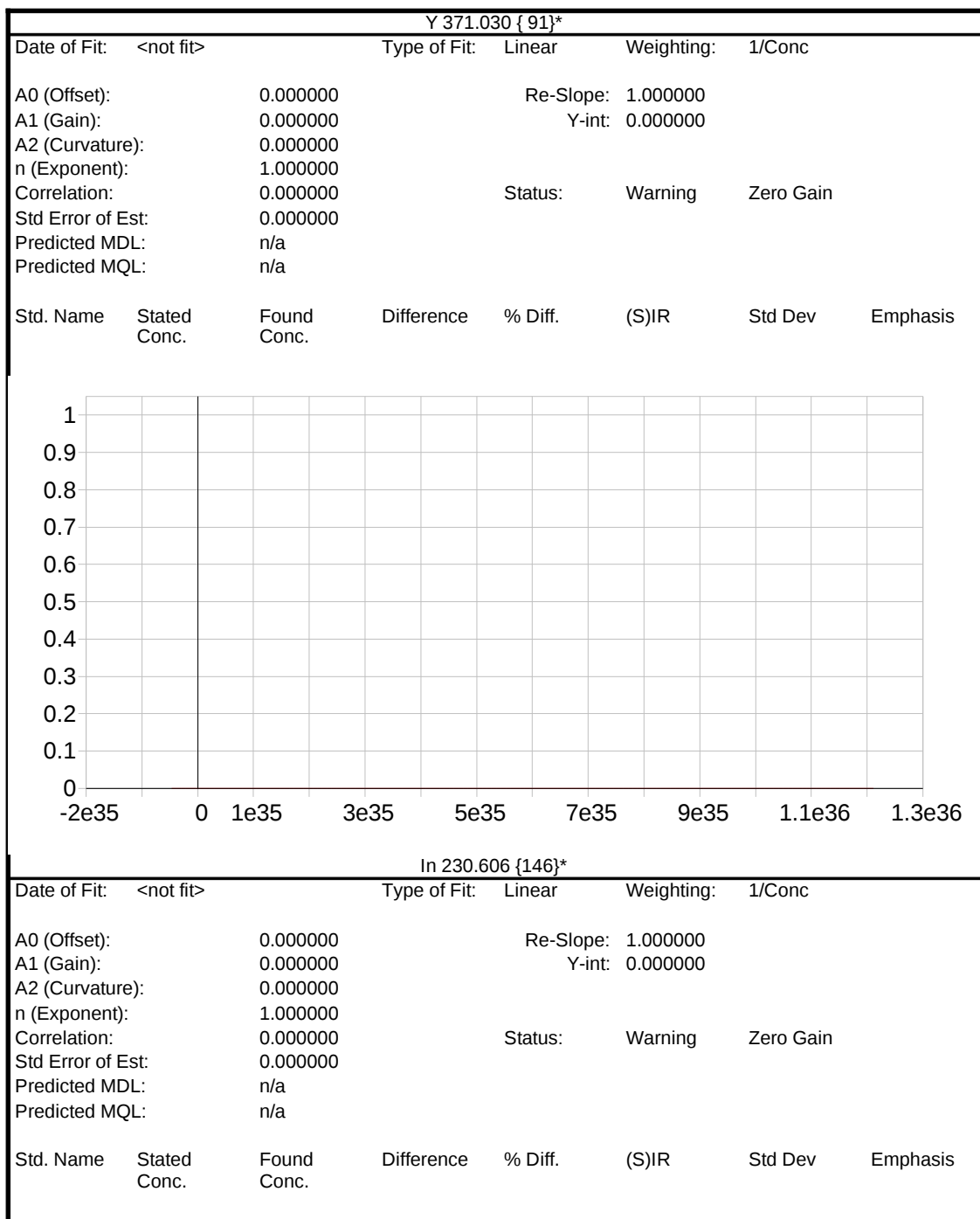


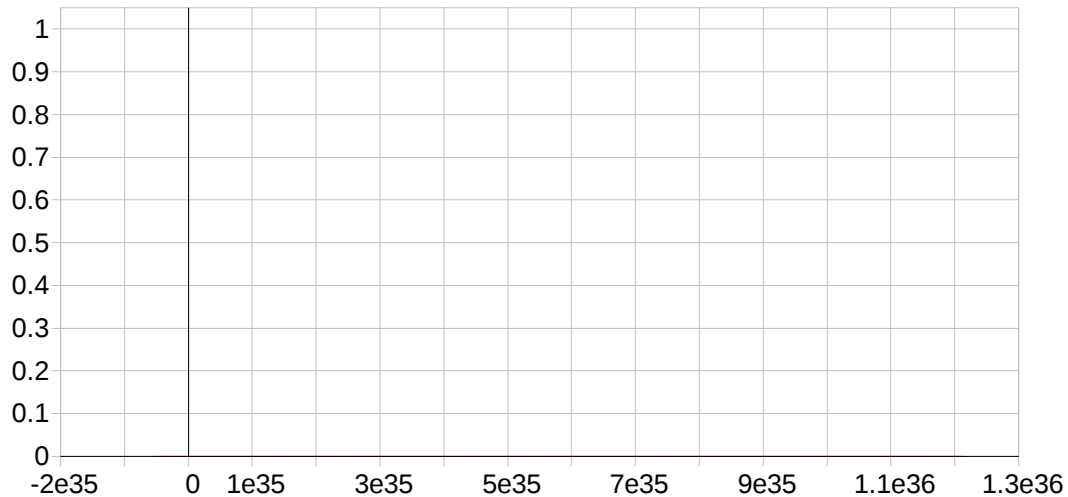
Y 224.306 {450}*

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

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



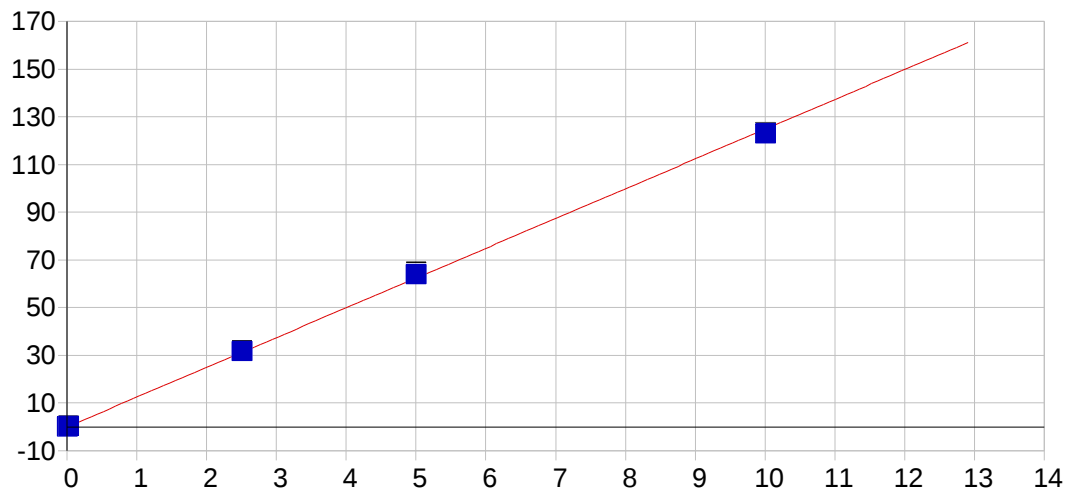




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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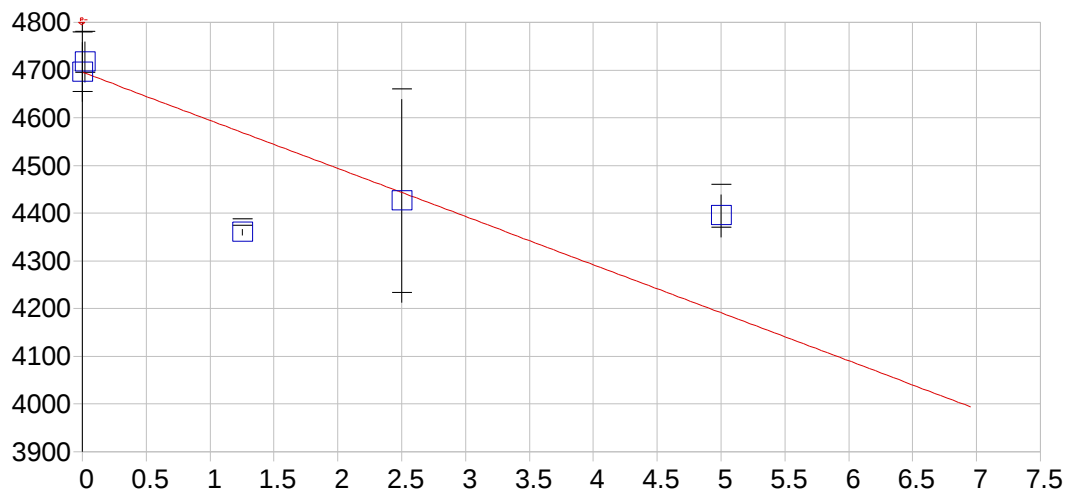


Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007449 Re-Slope: 1.000000
 A1 (Gain): 12.480350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.005616
 Predicted MDL: 0.000124

Predicted MQL: 0.000412

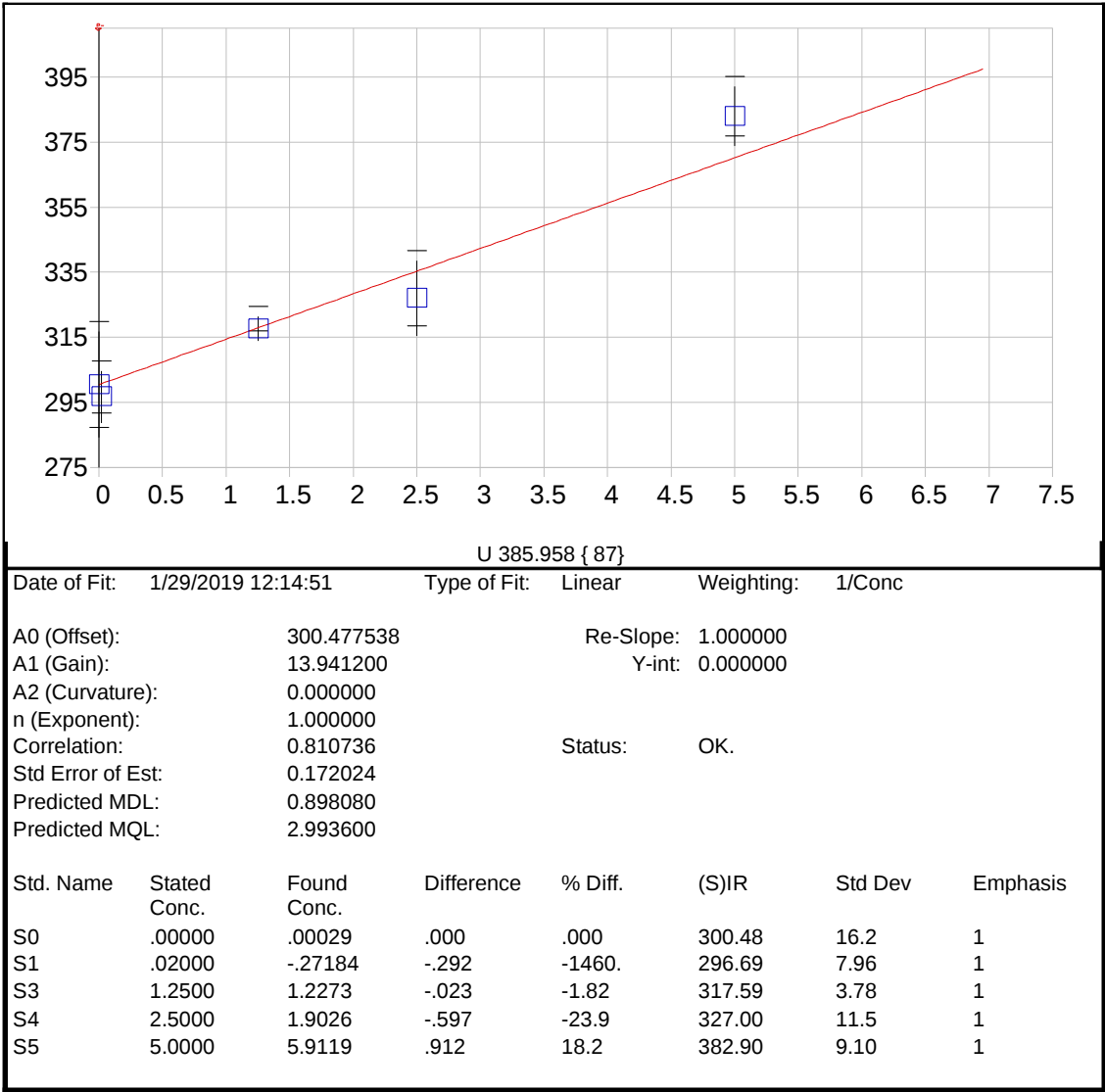
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00748	.001	1
S1	.02000	.02238	.002	11.9	.27326	.004	1
S3	2.5000	2.5347	.035	1.39	31.661	.235	1
S4	5.0000	5.1196	.120	2.39	63.955	.814	1
S5	10.000	9.8433	-.157	-1.57	122.98	.438	1



Date of Fit: 1/29/2019 12:14:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4695.437115 Re-Slope: 1.000000
A1 (Gain): -100.814093 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.744903 Status: Warning Negative Gain
Std Error of Est: 1.543007
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	4695.4	62.3	1
S1	.02000	-.21552	-.236	-1180.	4717.2	42.8	1
S3	1.2500	3.3226	2.07	166.	4360.5	6.80	1
S4	2.5000	2.6756	.176	7.02	4425.7	213.	1
S5	5.0000	2.9873	-2.01	-40.3	4394.3	44.6	1



Sample Name: S0 Acquired: 1/29/2019 11:49:29 Type: Cal
Method: P4-ICP2(v2804) 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	-.00010	-.00029	.00738	-.00043	.00094	.00017	.18091	.00018
Stddev	.00002	.00012	.00008	.00020	.00026	.00013	.00434	.00011
%RSD	18.484	43.629	1.0540	46.302	27.596	75.176	2.4009	61.874
#1	-.00010	-.00015	.00738	-.00065	.00114	.00032	.17602	.00015
#2	-.00008	-.00039	.00746	-.00026	.00065	.00008	.18433	.00031
#3	-.00012	-.00031	.00731	-.00039	.00104	.00012	.18237	.00009
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	-.00211	-.00005	-.00005	-.00005	.00050	-.00193	-.00003	.00053
Stddev	.00026	.00076	.00006	.00032	.00029	.00042	.00017	.00014
%RSD	12.200	1412.4	111.10	713.27	57.507	21.676	551.31	25.688
#1	-.00182	-.00094	-.00010	-.00025	.00074	-.00150	-.00004	.00045
#2	-.00231	.00033	-.00008	.00033	.00059	-.00233	-.00019	.00045
#3	-.00219	.00044	.00001	-.00021	.00018	-.00197	.00015	.00068
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	-.00560	.00005	.03417	.00022	.00312	-.12478	-.00012	.00050
Stddev	.00033	.00007	.00382	.00014	.00004	.00415	.00026	.00055
%RSD	5.9666	130.98	11.187	63.734	1.2681	3.3227	210.91	110.93
#1	-.00574	.00014	.03256	.00015	.00316	-.12003	-.00038	.00108
#2	-.00522	.00002	.03854	.00038	.00308	-.12659	-.00012	-.00001
#3	-.00585	.00001	.03142	.00013	.00313	-.12771	.00013	.00042
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	.00055	.01770	.00122	.00749	.02460	-.0042	-.00748	4695.4
Stddev	.00012	.00108	.00005	.00062	.00245	.0001	.00074	62.3
%RSD	21.204	6.1197	4.2715	8.3308	9.9392	3.077	9.9289	1.3278
#1	.00046	.01657	.00118	.00704	.02666	-.0042	-.00756	4757.7
#2	.00068	.01873	.00128	.00724	.02190	-.0043	-.00819	4633.1
#3	.00051	.01781	.00119	.00820	.02524	-.0041	-.00671	4695.4

Sample Name: S0 Acquired: 1/29/2019 11:49:29 Type: Cal
Method: P4-ICP2(v2804) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	300.48
Stddev	16.24
%RSD	5.4043

#1	315.41
#2	302.84
#3	283.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.3	39565.	3284.5	7.6712	3816.0
Stddev	8.9	126.	16.2	.8851	4.6
%RSD	.26246	.31735	.49284	11.537	.12114

#1	3417.5	39581.	3266.2	7.8159	3820.9
#2	3403.7	39432.	3290.3	8.4750	3815.5
#3	3400.7	39681.	3297.0	6.7227	3811.7

Sample Name: S1 Acquired: 1/29/2019 11:53:55 Type: Cal
Method: P4-ICP2(v2804) 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	.00117	.00550	.01206	.00127	.00989	.00132	.27655	.00781
Stddev	.00019	.00012	.00004	.00008	.00013	.00005	.00252	.00002
%RSD	16.547	2.1252	.37130	5.9515	1.3387	3.9949	.91219	.30414

#1	.00139	.00560	.01201	.00130	.00999	.00138	.27468	.00778
#2	.00109	.00553	.01208	.00133	.00995	.00129	.27556	.00783
#3	.00102	.00537	.01209	.00119	.00974	.00128	.27942	.00781

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	.01946	.00233	.04336	.01824	.02822	.03859	.03006	.00248
Stddev	.00010	.00009	.00017	.00037	.00056	.00019	.00025	.00003
%RSD	.51814	4.0353	.40194	2.0072	2.0002	.48691	.84325	1.3269

#1	.01956	.00232	.04354	.01856	.02836	.03840	.03007	.00244
#2	.01947	.00243	.04319	.01831	.02760	.03861	.02979	.00250
#3	.01936	.00224	.04335	.01784	.02870	.03877	.03030	.00249

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	.01330	.11163	.19465	.00661	.00060	.29170	.01227	.01779
Stddev	.00001	.00043	.00028	.00060	.00005	.00470	.00005	.00082
%RSD	.06721	.38514	.14386	9.0635	7.6607	1.6129	.36687	4.6167

#1	.01330	.11132	.19491	.00593	.00059	.28828	.01229	.01687
#2	.01330	.11212	.19435	.00703	.00066	.28977	.01222	.01804
#3	.01331	.11143	.19469	.00688	.00057	.29707	.01231	.01845

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05278	-.0020	.27326	4717.2	296.69
Stddev	.00479	.0001	.00380	42.8	7.96
%RSD	9.0778	3.676	1.3917	.90775	2.6844

#1	.05274	-.0019	.27028	4669.4	305.73
#2	.04801	-.0021	.27196	4752.2	290.70
#3	.05760	-.0020	.27755	4729.9	293.63

Sample Name: S1 Acquired: 1/29/2019 11:53:55 Type: Cal
Method: P4-ICP2(v2804) 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	3391.2	39618.	3317.1	9.4508	3754.6
Stddev	5.7	119.	16.0	1.4544	8.3
%RSD	.16781	.29937	.48217	15.390	.22107
#1	3391.4	39482.	3307.3	8.5705	3755.7
#2	3385.5	39697.	3335.5	11.130	3745.9
#3	3396.8	39676.	3308.4	8.6523	3762.4

Sample Name: S2 Acquired: 1/29/2019 11:58:20 Type: Cal
Method: P4-ICP2(v2804) 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	.11891	.01995	.76225	.14267
Stddev	.00063	.00059	.00256	.00395
%RSD	.53250	2.9761	.33560	2.7673

#1	.11964	.01926	.76264	.13967
#2	.11850	.02028	.76459	.14119
#3	.11859	.02030	.75952	.14714

Int. Std.	Y_3710
Units	Cts/S
Avg	3347.8
Stddev	31.8
%RSD	.95032

#1	3320.7
#2	3339.9
#3	3382.8

Sample Name: S3 Acquired: 1/29/2019 12:02:36 Type: Cal
Method: P4-ICP2(v2804) 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	.15216	.28821	.83916	.18359	.36888	.04256	4.3662	.14241
Stddev	.00049	.00062	.00374	.00013	.00090	.00022	.0249	.00077
%RSD	.32449	.21666	.44602	.06901	.24527	.52174	.57037	.54011

#1	.15273	.28848	.84333	.18370	.36985	.04233	4.3708	.14324
#2	.15183	.28749	.83609	.18345	.36806	.04277	4.3393	.14229
#3	.15193	.28865	.83806	.18363	.36872	.04259	4.3885	.14171

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2177	.71281	.10327	1.5045	.47523	.62985	2.0031	.11375
Stddev	.0143	.00312	.00006	.0062	.00069	.00077	.0020	.00029
%RSD	.34008	.43703	.05654	.41447	.14591	.12243	.09911	.25146

#1	4.2305	.71638	.10328	1.5103	.47596	.62908	2.0020	.11395
#2	4.2022	.71065	.10332	1.4979	.47459	.62984	2.0054	.11388
#3	4.2203	.71141	.10321	1.5053	.47514	.63062	2.0019	.11342

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	.93292	.13750	4.3217	.34431	2.9393	1.4981	2.1505	.13963
Stddev	.00204	.00094	.0302	.00016	.0129	.0020	.0069	.00077
%RSD	.21916	.68337	.69945	.04720	.43994	.13623	.32239	.55338

#1	.93420	.13851	4.3086	.34448	2.9513	1.5002	2.1582	.13937
#2	.93056	.13732	4.3002	.34430	2.9257	1.4962	2.1448	.13902
#3	.93400	.13665	4.3563	.34416	2.9410	1.4979	2.1484	.14050

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	.01012	1.5599	.59442	.58020	3.7333	.2680	31.661	4360.5
Stddev	.00009	.0102	.00107	.00153	.0323	.0006	.235	6.8
%RSD	.84121	.65347	.17983	.26379	.86541	.2137	.74380	.15587

#1	.01021	1.5656	.59319	.57927	3.7220	.2673	31.697	4366.3
#2	.01011	1.5482	.59499	.58197	3.7081	.2685	31.410	4362.1
#3	.01004	1.5661	.59509	.57937	3.7697	.2681	31.876	4353.0

Sample Name: S3 Acquired: 1/29/2019 12:02:36 Type: Cal
Method: P4-ICP2(v2804) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	317.59
Stddev	3.78
%RSD	1.1891

#1	314.52
#2	316.43
#3	321.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.9	38223.	3290.6	8.2503	3477.8
Stddev	16.5	55.	15.3	.7716	16.6
%RSD	.49941	.14265	.46404	9.3530	.47615

#1	3283.0	38202.	3277.8	8.9792	3459.0
#2	3309.8	38182.	3307.5	7.4420	3490.4
#3	3313.0	38285.	3286.6	8.3297	3483.9

Sample Name: S4 Acquired: 1/29/2019 12:06:37 Type: Cal
Method: P4-ICP2(v2804) 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	.30260	.56835	1.6523	.36692	.73611	.08459	8.6483	.28417
Stddev	.00047	.00028	.0041	.00036	.00200	.00338	.0921	.00591
%RSD	.15475	.05001	.24944	.09691	.27187	4.0017	1.0645	2.0790

#1	.30223	.56808	1.6490	.36659	.73486	.08832	8.5820	.29098
#2	.30244	.56864	1.6510	.36686	.73506	.08373	8.6096	.28108
#3	.30313	.56832	1.6570	.36730	.73842	.08171	8.7534	.28045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.4429	1.4272	.20385	2.9972	.92565	1.2613	3.9382	.22896
Stddev	.0138	.0147	.00425	.0096	.00254	.0235	.0937	.00211
%RSD	.16405	1.0337	2.0833	.31916	.27488	1.8647	2.3793	.92339

#1	8.4278	1.4135	.20866	2.9891	.92287	1.2421	4.0459	.22667
#2	8.4457	1.4254	.20225	2.9949	.92787	1.2542	3.8924	.22936
#3	8.4551	1.4428	.20063	3.0078	.92621	1.2875	3.8761	.23084

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	1.8555	.27372	8.7203	.68508	5.9500	3.1271	4.2296	.28054
Stddev	.0051	.00452	.0948	.01568	.0127	.0315	.0055	.00123
%RSD	.27284	1.6525	1.0872	2.2891	.21358	1.0069	.13073	.43867

#1	1.8498	.27893	8.6664	.70318	5.9366	3.1063	4.2237	.27970
#2	1.8574	.27134	8.6646	.67657	5.9515	3.1117	4.2305	.27996
#3	1.8594	.27087	8.8297	.67549	5.9619	3.1633	4.2346	.28195

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	.02025	3.1623	1.1745	1.1702	7.5127	.5500	63.955	4425.7
Stddev	.00022	.0728	.0047	.0029	.0938	.0013	.814	213.3
%RSD	1.0993	2.3026	.39678	.25066	1.2488	.2300	1.2720	4.8187

#1	.02024	3.1022	1.1693	1.1705	7.4408	.5490	63.474	4180.2
#2	.02003	3.1413	1.1757	1.1671	7.4784	.5497	63.497	4532.1
#3	.02047	3.2433	1.1784	1.1730	7.6188	.5514	64.894	4564.8

Sample Name: S4 Acquired: 1/29/2019 12:06:37 Type: Cal
Method: P4-ICP2(v2804) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	327.00
Stddev	11.52
%RSD	3.5221

#1	314.25
#2	330.12
#3	336.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.2	38789.	3278.6	7.8554	3501.8
Stddev	3.2	1362.	39.1	1.0272	.5
%RSD	.09391	3.5125	1.1927	13.076	.01378

#1	3399.3	37222.	3288.8	8.3904	3502.0
#2	3401.7	39443.	3311.5	8.5045	3501.3
#3	3405.6	39701.	3235.3	6.6711	3502.2

Sample Name: S5 Acquired: 1/29/2019 12:10:39 Type: Cal
Method: P4-ICP2(v2804) 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	.62483	1.1569	3.4005	.75716	1.5054	.17313	17.018	.57165
Stddev	.00449	.0019	.0044	.00400	.0088	.00099	.049	.00110
%RSD	.71892	.16863	.13024	.52820	.58232	.57088	.28643	.19182

#1	.62191	1.1547	3.4000	.75583	1.4992	.17278	16.973	.57044
#2	.62257	1.1582	3.3964	.75400	1.5017	.17237	17.011	.57195
#3	.63000	1.1578	3.4052	.76166	1.5154	.17425	17.070	.57257

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.504	2.7317	.40286	6.2103	1.8549	2.3337	7.7036	.43457
Stddev	.027	.0104	.00040	.0121	.0139	.0170	.0449	.00197
%RSD	.15585	.38003	.10039	.19437	.74877	.72700	.58258	.45426

#1	17.482	2.7215	.40244	6.1972	1.8447	2.3170	7.7546	.43253
#2	17.494	2.7422	.40290	6.2126	1.8492	2.3509	7.6701	.43647
#3	17.534	2.7313	.40325	6.2210	1.8707	2.3331	7.6860	.43472

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	3.8285	.55422	17.157	1.3670	12.477	6.2695	8.5391	.54699
Stddev	.0082	.00107	.068	.0028	.023	.0280	.0510	.00386
%RSD	.21378	.19385	.39481	.20227	.18654	.44705	.59777	.70602

#1	3.8197	.55299	17.109	1.3664	12.451	6.2389	8.5087	.54278
#2	3.8299	.55472	17.128	1.3645	12.495	6.2759	8.5106	.54783
#3	3.8359	.55496	17.235	1.3700	12.486	6.2938	8.5980	.55036

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	.04332	6.0354	2.4231	2.2697	14.706	1.165	122.98	4394.3
Stddev	.00008	.0512	.0029	.0088	.040	.004	.44	44.6
%RSD	.17685	.84923	.12059	.38542	.27303	.3474	.35608	1.0150

#1	.04331	5.9763	2.4197	2.2742	14.672	1.162	122.48	4371.5
#2	.04339	6.0678	2.4242	2.2596	14.697	1.169	123.16	4445.7
#3	.04324	6.0621	2.4252	2.2753	14.751	1.163	123.30	4365.6

Sample Name: S5 Acquired: 1/29/2019 12:10:39 Type: Cal
Method: P4-ICP2(v2804) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	382.90
Stddev	9.10
%RSD	2.3766

#1	392.91
#2	380.66
#3	375.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.2	38545.	3470.4	6.8802	3275.0
Stddev	18.8	118.	13.3	.5118	3.1
%RSD	.57364	.30708	.38275	7.4388	.09486

#1	3291.1	38438.	3482.1	6.2919	3277.8
#2	3286.9	38672.	3456.0	7.2236	3271.7
#3	3256.6	38526.	3473.0	7.1250	3275.6

Sample Name: ICV01 Acquired: 1/29/2019 12:15:05 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0030	1.0091	.99929	1.0066	.99963	2.5761	.49233
Stddev	.0107	.0042	.00701	.0093	.01130	.0163	.00159
%RSD	1.0639	.41615	.70142	.92479	1.1309	.63214	.32300

#1	1.0153	1.0071	.99910	1.0173	1.0123	2.5729	.49253
#2	.99738	1.0139	1.0064	1.0019	.99058	2.5616	.49381
#3	.99635	1.0063	.99239	1.0005	.99601	2.5937	.49065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49581	.48241	10.247	.50517	.50102	.50870	5.1160
Stddev	.00053	.00241	.041	.00041	.00317	.00438	.0410
%RSD	.10711	.49997	.39627	.08161	.63220	.86160	.80186

#1	.49529	.48081	10.272	.50565	.50014	.51367	5.1512
#2	.49578	.48518	10.268	.50490	.50453	.50707	5.1257
#3	.49635	.48124	10.200	.50498	.49838	.50537	5.0709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51764	5.9945	.50263	.48332	10.026	.50434	1.0099
Stddev	.00049	.0264	.00312	.00130	.038	.00077	.0054
%RSD	.09509	.44098	.62071	.26938	.37644	.15257	.53718

#1	.51729	5.9640	.50322	.48391	10.046	.50522	1.0063
#2	.51741	6.0085	.50542	.48183	9.9821	.50381	1.0162
#3	.51820	6.0110	.49926	.48423	10.049	.50399	1.0074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.254	2.5368	2.5221	F 2.3681	2.4093	2.4946	2.5488
Stddev	.028	.0178	.0174	.0373	.0237	.0149	.0028
%RSD	.26948	.70055	.69031	1.5758	.98308	.59691	.10812

#1	10.286	2.5570	2.5267	2.3256	2.4319	2.4941	2.5464
#2	10.240	2.5236	2.5368	2.3952	2.4113	2.5098	2.5483
#3	10.236	2.5297	2.5029	2.3837	2.3846	2.4800	2.5518

Sample Name: ICV01 Acquired: 1/29/2019 12:15:05 Type: Unk
Method: P4-ICP2(v2804) 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	2.5033	F 2.356	F 2.3605	F<.00000	F 6.5481
Stddev	.0108	.015	.0125	.25606	.6885
%RSD	.43175	.6424	.52919	285.28	10.514
#1	2.5152	2.356	2.3744	-.38453	6.6846
#2	2.5005	2.371	2.3569	.07756	5.8016
#3	2.4942	2.341	2.3502	.03770	7.1580
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.3	40428.	3566.3	9.1779	3704.7
Stddev	26.6	68.	25.7	.2201	17.5
%RSD	.76703	.16865	.71957	2.3986	.47162
#1	3439.6	40485.	3541.3	9.3423	3712.3
#2	3487.9	40446.	3565.0	9.2635	3684.7
#3	3483.2	40352.	3592.6	8.9278	3717.1

Sample Name: LLICV01 Acquired: 1/29/2019 12:29:08 Type: Unk
Method: P4-ICP2(v2804) 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	.01900	.04339	.01020	.01909	.05287	.10353	.08322
Stddev	.00102	.00100	.00051	.00161	.00064	.00495	.00697
%RSD	5.3600	2.3099	4.9891	8.4239	1.2043	4.7852	8.3713

#1	.01890	.04291	.01047	.01772	.05353	.09788	.07632
#2	.01803	.04272	.00961	.01868	.05226	.10554	.08309
#3	.02006	.04454	.01052	.02086	.05283	.10715	.09025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	.00538	1.9822	.01006	.03055	.01651	.10603
Stddev	.00012	.00006	.0267	.00048	.00024	.00038	.00387
%RSD	2.0453	1.1344	1.3444	4.8023	.80086	2.2755	3.6452

#1	.00585	.00544	1.9520	.01008	.03082	.01679	.10160
#2	.00579	.00538	2.0022	.00956	.03035	.01666	.10867
#3	.00563	.00532	1.9925	.01052	.03048	.01608	.10783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02113	1.9897	.04022	.00968	1.9453	.04081	.04114
Stddev	.00025	.0297	.00048	.00063	.0092	.00039	.00030
%RSD	1.1767	1.4913	1.2059	6.4687	.47520	.96154	.72881

#1	.02117	1.9944	.04067	.00901	1.9400	.04036	.04143
#2	.02086	2.0167	.03971	.00978	1.9399	.04101	.04117
#3	.02135	1.9579	.04027	.01025	1.9560	.04106	.04083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0214	.19634	.10329	.01892	.37883	.03872	.03879
Stddev	.0349	.00017	.00694	.04056	.00235	.00051	.00267
%RSD	1.7246	.08421	6.7190	214.34	.62025	1.3242	6.8881

#1	2.0610	.19621	.10588	.04791	.37653	.03930	.03780
#2	2.0082	.19629	.10855	-.02743	.37871	.03851	.04181
#3	1.9951	.19653	.09542	.03629	.38123	.03834	.03675

Sample Name: LLICV01 Acquired: 1/29/2019 12:29:08 Type: Unk
 Method: P4-ICP2(v2804) 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	.01660	.0172	.01965	F<.00000	F<.00000
Stddev	.00118	.0010	.00009	.53754	.63303
%RSD	7.0892	5.682	.48207	26.372	56.004

#1	.01712	.0161	.01966	-1.4267	-1.4694
#2	.01526	.0174	.01974	-2.2522	-1.5216
#3	.01744	.0181	.01955	-2.4360	-.39999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.2	41659.	3561.6	8.1295	3954.3
Stddev	2.9	146.	2.5	.2104	22.5
%RSD	.08311	.34954	.07025	2.5883	.57004

#1	3531.7	41493.	3562.0	8.1023	3928.5
#2	3529.9	41720.	3563.9	8.3523	3965.0
#3	3525.9	41764.	3558.9	7.9341	3969.6

Sample Name: ICB01 Acquired: 1/29/2019 12:33:34 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00059	-.00168	-.00144	.00050	.00272	-.01115
Stddev	.00143	.00082	.00057	.00261	.00102	.00245	.00426
%RSD	396.54	139.58	34.135	181.40	206.04	90.151	38.215

#1	-.00006	.00151	-.00210	-.00205	-.00060	-.00008	-.01370
#2	-.00081	.00029	-.00193	-.00370	.00065	.00374	-.00623
#3	.00195	-.00005	-.00103	.00142	.00143	.00450	-.01352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00001	.00430	.00005	-.00006	-.00023	.00170
Stddev	.00011	.00005	.00947	.00032	.00006	.00038	.00039
%RSD	303.45	356.11	220.25	620.25	96.779	162.55	22.984

#1	-.00007	-.00005	.01173	-.00018	-.00000	-.00038	.00193
#2	-.00012	.00004	-.00636	-.00008	-.00012	.00020	.00193
#3	.00009	-.00003	.00753	.00041	-.00006	-.00052	.00125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00121	.00037	.00003	-.03885	.00007	.00029
Stddev	.00003	.01803	.00051	.00047	.01346	.00030	.00010
%RSD	129.60	1494.1	139.17	1549.1	34.644	435.80	35.888

#1	.00006	-.00018	.00086	.00031	-.04918	.00033	.00018
#2	.00002	.01629	.00042	.00029	-.02363	-.00026	.00029
#3	-.00001	-.01973	-.00017	-.00051	-.04374	.00014	.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07630	.00002	-.00701	F -.03761	.00082	-.00056	-.00050
Stddev	.02316	.00017	.01241	.01975	.00089	.00037	.00052
%RSD	30.348	769.08	177.02	52.513	108.77	65.625	104.41

#1	.08187	.00018	-.00693	-.03323	-.00017	-.00089	-.00001
#2	.09616	-.00016	.00536	-.05918	.00108	-.00062	-.00044
#3	.05087	.00005	-.01945	-.02041	.00155	-.00017	-.00105

Sample Name: ICB01 Acquired: 1/29/2019 12:33:34 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	.0010	.00003	F<.00000	F<.00000
Stddev	.00264	.0010	.00015	.46539	.71767
%RSD	84.076	95.23	560.29	38.551	58.186
#1	-.00297	.0006	.00015	-.98902	-1.3362
#2	-.00059	.0021	-.00013	-1.7416	-.46987
#3	-.00586	.0003	.00006	-.89101	-1.8941
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.0	41142.	3543.7	9.7303	3952.0
Stddev	8.6	31.	24.6	.6632	19.8
%RSD	.24335	.07554	.69297	6.8154	.50056
#1	3527.3	41115.	3545.7	9.2273	3974.8
#2	3516.2	41137.	3518.2	9.4818	3940.4
#3	3510.4	41176.	3567.2	10.482	3940.7

Sample Name: CRI01 Acquired: 1/29/2019 12:38:02 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02160	.04587	.01138	.02248	.05373	.11709	.08681
Stddev	.00091	.00074	.00022	.00200	.00082	.00405	.00208
%RSD	4.2337	1.6133	1.9520	8.8950	1.5260	3.4570	2.4013

#1	.02136	.04600	.01130	.02051	.05352	.11954	.08529
#2	.02083	.04508	.01121	.02451	.05464	.11931	.08594
#3	.02261	.04654	.01163	.02242	.05304	.11242	.08918

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	.00567	2.0842	.01061	.03231	.01694	.10979
Stddev	.00006	.00009	.0105	.00060	.00013	.00018	.00414
%RSD	.95756	1.6242	.50179	5.6198	.41378	1.0726	3.7745

#1	.00613	.00562	2.0733	.01017	.03217	.01676	.11278
#2	.00612	.00561	2.0851	.01129	.03232	.01694	.11153
#3	.00602	.00577	2.0942	.01036	.03244	.01712	.10506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02230	2.1028	.04270	.01010	2.0557	.04341	.04304
Stddev	.00006	.0197	.00022	.00050	.0068	.00031	.00007
%RSD	.26741	.93819	.51738	4.9507	.33264	.71967	.15155

#1	.02234	2.0812	.04277	.01014	2.0557	.04335	.04308
#2	.02233	2.1071	.04246	.01059	2.0488	.04313	.04307
#3	.02223	2.1200	.04288	.00959	2.0625	.04375	.04296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1538	.20569	.10059	F -.02267	.39434	.04075	.03877
Stddev	.0229	.00030	.00226	.01023	.00379	.00067	.00438
%RSD	1.0612	.14595	2.2505	45.123	.96231	1.6336	11.293

#1	2.1503	.20539	.09821	-.01417	.39591	.04000	.03896
#2	2.1328	.20567	.10272	-.03403	.39710	.04126	.03430
#3	2.1782	.20599	.10083	-.01981	.39001	.04101	.04305

Sample Name: CRI01 Acquired: 1/29/2019 12:38:02 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01744	.0182	.02076	F<.00000	F<.00000
Stddev	.00046	.0013	.00016	.55924	.56309
%RSD	2.6370	7.336	.74746	34.181	669.39
#1	.01720	.0192	.02071	-2.0255	-.46019
#2	.01797	.0186	.02065	-1.8875	.56326
#3	.01715	.0167	.02094	-.99530	-.35542
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.8	41467.	3590.1	9.1242	3914.7
Stddev	5.9	60.	23.4	.5971	2.2
%RSD	.16893	.14405	.65191	6.5437	.05709
#1	3528.6	41496.	3568.2	8.8295	3913.0
#2	3517.3	41506.	3614.8	8.7318	3913.9
#3	3519.7	41398.	3587.4	9.8114	3917.2

Sample Name: ICSA01 Acquired: 1/29/2019 12:43:16 Type: Unk
Method: P4-ICP2(v2804) 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	-.00260	-.00147	.00437	-.01690	.00956	295.44	-.01121	.00039
Stddev	.00302	.00278	.00089	.00458	.00083	.31	.00508	.00006
%RSD	115.78	188.63	20.257	27.085	8.6581	.10605	45.336	15.646
#1	.00024	-.00425	.00482	-.02066	.01002	295.08	-.01634	.00045
#2	-.00230	.00130	.00335	-.01180	.01005	295.61	-.00617	.00033
#3	-.00576	-.00146	.00494	-.01824	.00860	295.64	-.01113	.00039
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00368	265.86	.06015	-.00079	.00890	96.323	.01512	272.12
Stddev	.00005	1.95	.00081	.00023	.00025	.632	.00024	.73
%RSD	1.4183	.73209	1.3403	28.714	2.7677	.65585	1.6136	.26757
#1	-.00374	263.66	.06107	-.00057	.00862	95.689	.01520	271.46
#2	-.00366	267.35	.05958	-.00078	.00901	96.953	.01484	271.99
#3	-.00364	266.58	.05980	-.00103	.00908	96.326	.01531	272.90
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00469	-.00498	.03928	.00133	.00200	.12452	-.00035	-.03067
Stddev	.00040	.00098	.00793	.00039	.00005	.00898	.00021	.00723
%RSD	8.5310	19.711	20.183	29.697	2.3025	7.2102	61.480	23.581
#1	-.00476	-.00597	.03776	.00125	.00204	.13370	-.00012	-.03890
#2	-.00504	-.00497	.04786	.00098	.00195	.11576	-.00054	-.02778
#3	-.00425	-.00400	.03223	.00175	.00200	.12409	-.00039	-.02533
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .18096	-.00503	.01053	-.00293	.01951	.0019	.00728	6.2763
Stddev	.02776	.00168	.00015	.00547	.00053	.0014	.00061	.5065
%RSD	15.342	33.338	1.4265	186.61	2.7122	73.72	8.3567	8.0694
#1	.19467	-.00394	.01044	.00011	.01977	.0003	.00716	6.1764
#2	.14901	-.00419	.01045	.00034	.01985	.0027	.00674	6.8253
#3	.19919	-.00696	.01070	-.00925	.01890	.0026	.00794	5.8272

Sample Name: ICSA01 Acquired: 1/29/2019 12:43:16 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	160.63
Stddev	1.83
%RSD	1.1361

#1	161.82
#2	158.53
#3	161.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.1	35676.	3365.0	7.7745	3055.6
Stddev	7.7	125.	22.8	.1310	5.7
%RSD	.25187	.34995	.67620	1.6849	.18727

#1	3069.8	35602.	3378.1	7.6295	3061.8
#2	3056.2	35606.	3338.8	7.8095	3050.6
#3	3069.4	35820.	3378.2	7.8844	3054.5

Sample Name: ICSAB01 Acquired: 1/29/2019 12:52:37 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09470	.08316	.05344	.03320	.60158	267.78	.50068	.53509	.94898
Stddev	.00156	.00531	.00104	.00350	.02286	1.62	.00238	.00110	.03541
%RSD	1.6513	6.3863	1.9460	10.543	3.8001	.60518	.47472	.20623	3.7317
#1	.09623	.08887	.05355	.03618	.61476	266.09	.50203	.53546	.96830
#2	.09476	.08224	.05443	.03408	.61479	267.93	.50208	.53385	.97054
#3	.09310	.07837	.05235	.02935	.57518	269.32	.49794	.53596	.90811
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	243.50	.54894	.48114	.48866	88.591	.52396	247.38	.95224	.18385
Stddev	1.46	.00315	.01765	.01841	.075	.00029	1.29	.03645	.00159
%RSD	.59859	.57348	3.6682	3.7666	.08422	.05618	.52263	3.8279	.86543
#1	241.87	.55108	.49132	.50016	88.507	.52423	246.06	.97253	.18484
#2	243.99	.54533	.49134	.49838	88.617	.52365	248.64	.97404	.18202
#3	244.66	.55042	.46076	.46743	88.650	.52400	247.46	.91016	.18470
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	.03205	.50059	1.0194	.12651	1.0583	1.0735	1.1221	.98708	1.0688
Stddev	.00884	.00180	.0400	.03158	.0431	.0206	.0965	.00538	.0384
%RSD	27.582	.35965	3.9218	24.965	4.0689	1.9164	8.6013	.54461	3.5922
#1	.02873	.49877	1.0409	.09050	1.0869	1.0545	1.1440	.98681	1.0866
#2	.04207	.50063	1.0441	.14951	1.0792	1.0707	1.2058	.99258	1.0952
#3	.02535	.50237	.97330	.13953	1.0088	1.0954	1.0165	.98184	1.0248
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.0919	1.0372	.9403	.91758	7.1644	146.49			
Stddev	.0064	.0032	.0349	.00518	.3239	1.36			
%RSD	.58647	.30494	3.711	.56436	4.5207	.92731			
#1	1.0929	1.0336	.9633	.91193	6.8313	147.31			
#2	1.0850	1.0388	.9574	.91872	7.4782	147.23			
#3	1.0977	1.0393	.9001	.92209	7.1837	144.92			

Sample Name: ICSAB01 Acquired: 1/29/2019 12:52:37 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 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	3163.2	35867.	3354.6	8.6700	3163.1
Stddev	98.5	40.	1.3	.4982	97.1
%RSD	3.1133	.11130	.03900	5.7460	3.0703
#1	3104.8	35903.	3356.1	8.3087	3111.1
#2	3107.9	35873.	3353.7	8.4632	3103.0
#3	3276.9	35824.	3353.9	9.2383	3275.1

Sample Name: CCV01 Acquired: 1/29/2019 12:56:53 Type: Unk
Method: P4-ICP2(v2804) 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	5.0993	5.0641	5.0525	5.0887	5.1233	10.430	10.058	.25303
Stddev	.0243	.0166	.0163	.0302	.0217	.054	.079	.00051
%RSD	.47736	.32790	.32198	.59348	.42285	.51742	.78192	.20313

#1	5.0714	5.0519	5.0367	5.0545	5.1002	10.376	10.082	.25251
#2	5.1108	5.0830	5.0692	5.1117	5.1431	10.430	10.122	.25304
#3	5.1158	5.0573	5.0516	5.1000	5.1267	10.484	9.9704	.25354

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5099	25.851	.99931	2.5065	1.2764	4.9895	2.5631	24.849
Stddev	.0129	.145	.00086	.0128	.0078	.0435	.0050	.093
%RSD	.51403	.56132	.08640	.51035	.60886	.87121	.19467	.37328

#1	2.4983	25.689	.99905	2.4955	1.2674	5.0133	2.5574	24.766
#2	2.5238	25.969	1.0003	2.5205	1.2809	5.0159	2.5665	24.949
#3	2.5076	25.896	.99861	2.5034	1.2808	4.9393	2.5654	24.831

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5037	1.2483	24.953	2.5089	2.5079	25.060	5.0599	5.0662
Stddev	.0137	.0023	.197	.0038	.0127	.214	.0298	.0275
%RSD	.54548	.18601	.78930	.15281	.50736	.85238	.58977	.54344

#1	2.4919	1.2473	25.110	2.5069	2.4971	25.149	5.0264	5.0506
#2	2.5186	1.2467	25.017	2.5064	2.5219	25.215	5.0836	5.0980
#3	2.5004	1.2510	24.732	2.5133	2.5047	24.816	5.0697	5.0501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9952	4.9604	4.9745	5.0573	5.1421	5.030	5.2356	F 4.4707
Stddev	.0599	.0352	.0311	.0241	.0372	.018	.0409	.2621
%RSD	1.1985	.71013	.62420	.47654	.72392	.3484	.78204	5.8626

#1	5.0365	4.9496	4.9485	5.0728	5.1513	5.041	5.2414	4.1724
#2	5.0226	4.9998	5.0089	5.0696	5.1738	5.040	5.2733	4.6643
#3	4.9266	4.9319	4.9662	5.0295	5.1011	5.010	5.1921	4.5753

Sample Name: CCV01 Acquired: 1/29/2019 12:56:53 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2831
Stddev .2040
%RSD 8.9343

#1 2.0608
#2 2.4616
#3 2.3269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.7	38905.	3478.9	8.4176	3453.8
Stddev	22.3	89.	27.9	.6069	21.8
%RSD	.66875	.22886	.80197	7.2100	.63055

#1	3363.9	39007.	3467.7	8.1505	3472.6
#2	3319.8	38842.	3458.3	7.9900	3429.9
#3	3335.5	38866.	3510.6	9.1122	3458.9

Sample Name: LLCCV01 Acquired: 1/29/2019 13:05:22 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02055	.04758	.01147	.02226	.05647	.11914	.09409
Stddev	.00143	.00089	.00107	.00166	.00168	.00595	.00336
%RSD	6.9736	1.8796	9.3347	7.4417	2.9782	4.9982	3.5710

#1	.02042	.04776	.01053	.02389	.05841	.12539	.09656
#2	.01918	.04661	.01125	.02058	.05556	.11851	.09027
#3	.02204	.04838	.01264	.02231	.05544	.11353	.09545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	.00576	2.1660	.01057	.03301	.02166	.11348
Stddev	.00010	.00009	.0320	.00047	.00014	.00065	.00128
%RSD	1.6543	1.4985	1.4754	4.4547	.41385	2.9903	1.1236

#1	.00637	.00585	2.1294	.01103	.03314	.02239	.11484
#2	.00618	.00574	2.1801	.01058	.03302	.02114	.11231
#3	.00622	.00568	2.1885	.01009	.03287	.02145	.11328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02303	2.2040	.04348	.01064	2.0897	.04402	.04126
Stddev	.00002	.0671	.00023	.00033	.0198	.00034	.00029
%RSD	.10817	3.0436	.53061	3.0836	.94774	.77811	.69985

#1	.02305	2.1435	.04371	.01093	2.0679	.04367	.04156
#2	.02304	2.2761	.04325	.01029	2.1065	.04403	.04099
#3	.02300	2.1922	.04346	.01070	2.0947	.04436	.04121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1787	.20842	.10712	F .01435	.40548	.04151	.04364
Stddev	.0350	.00210	.00284	.02798	.00725	.00113	.00284
%RSD	1.6046	1.0078	2.6531	195.04	1.7871	2.7315	6.5167

#1	2.1427	.21083	.10666	.03640	.40180	.04230	.04477
#2	2.1809	.20696	.11016	.02378	.40080	.04021	.04041
#3	2.2126	.20748	.10453	-.01713	.41382	.04201	.04575

Sample Name: LLCCV01 Acquired: 1/29/2019 13:05:22 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01670	.0180	.02163	F .14135	F<.00000
Stddev	.00122	.0004	.00032	.12641	.74243
%RSD	7.3166	2.497	1.4831	89.433	66.163

#1	.01807	.0185	.02127	.24273	-.60809
#2	.01627	.0176	.02176	-.00029	-.78496
#3	.01574	.0179	.02187	.18160	-1.9733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.3	40752.	3526.6	9.0826	3873.6
Stddev	25.0	147.	43.5	.7260	20.8
%RSD	.71456	.36159	1.2340	7.9930	.53820

#1	3476.1	40583.	3549.0	9.9182	3862.0
#2	3526.0	40851.	3554.4	8.7227	3897.7
#3	3504.9	40822.	3476.5	8.6068	3861.2

Sample Name: CCB01 Acquired: 1/29/2019 13:09:48 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	.00136	-.00265	.00141	.00167	.01045	-.01543
Stddev	.00217	.00098	.00057	.00131	.00026	.00503	.00618
%RSD	151.77	71.994	21.517	92.917	15.715	48.087	40.060

#1	.00073	.00045	-.00317	.00155	.00171	.01589	-.02212
#2	-.00141	.00239	-.00204	.00004	.00191	.00949	-.00993
#3	-.00361	.00122	-.00275	.00265	.00139	.00597	-.01425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00003	.01236	.00007	.00001	-.00015	.00452
Stddev	.00003	.00006	.00884	.00003	.00003	.00024	.00094
%RSD	63.398	185.40	71.486	41.206	287.05	165.25	20.843

#1	-.00002	-.00010	.01377	.00004	-.00000	.00002	.00347
#2	-.00005	.00001	.00290	.00009	.00004	-.00043	.00479
#3	-.00009	-.00001	.02041	.00008	-.00001	-.00003	.00530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.02494	.00055	-.00022	-.05729	.00022	-.00035
Stddev	.00004	.05491	.00017	.00057	.00769	.00018	.00002
%RSD	133.96	220.16	30.182	262.51	13.428	80.316	6.8623

#1	.00000	-.08693	.00038	-.00060	-.05235	.00021	-.00033
#2	.00001	.01761	.00057	-.00049	-.06616	.00040	-.00038
#3	.00007	-.00550	.00071	.00044	-.05337	.00005	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07480	-.00003	-.00757	F -.03686	.00083	-.00041	-.00308
Stddev	.01171	.00036	.00211	.01740	.00144	.00052	.00322
%RSD	15.653	1059.6	27.904	47.191	172.00	126.13	104.76

#1	.06312	-.00041	-.00558	-.03996	-.00080	.00018	-.00049
#2	.08654	.00030	-.00978	-.05250	.00188	-.00080	-.00205
#3	.07474	.00001	-.00733	-.01812	.00143	-.00061	-.00668

Sample Name: CCB01 Acquired: 1/29/2019 13:09:48 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00519	.0019	.00001	F<.00000	F<.00000
Stddev	.00118	.0014	.00003	.14654	.77063
%RSD	22.690	71.42	320.94	113.92	47.489
#1	-.00607	.0005	-.00002	-.18569	-1.8769
#2	-.00385	.0020	.00001	-.23806	-.75713
#3	-.00565	.0033	.00004	.03785	-2.2342
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.6	40889.	3515.4	9.4447	3930.5
Stddev	14.4	122.	3.0	1.0338	23.7
%RSD	.41365	.29862	.08472	10.946	.60365
#1	3493.7	40769.	3514.0	10.502	3915.6
#2	3469.0	40886.	3518.8	8.4364	3918.1
#3	3494.1	41013.	3513.4	9.3955	3957.9

Sample Name: LR CHECK 1 Acquired: 1/29/2019 13:14:15 Type: Unk
Method: P4-ICP2(v2804) 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	-.05419	-.03525	.13630	-.19782	.06988	F 2157.6	-.02907
Stddev	.00821	.00691	.00875	.00846	.00319	15.6	.01217
%RSD	15.143	19.608	6.4197	4.2770	4.5620	.72198	41.879

#1	-.06350	-.04039	.14564	-.20136	.07215	2174.7	-.03941
#2	-.05109	-.02739	.13495	-.20393	.06624	2144.1	-.03215
#3	-.04799	-.03796	.12830	-.18816	.07126	2154.1	-.01565

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00525	-.02185	F 1968.6	-.01231	.04169	.53810	F 961.79
Stddev	.00041	.00216	10.8	.00115	.00029	.00309	13.60
%RSD	7.8820	9.8708	.54854	9.3724	.68718	.57433	1.4143

#1	.00496	-.01940	1959.9	-.01229	.04138	.54165	946.09
#2	.00573	-.02274	1980.7	-.01347	.04177	.53656	970.00
#3	.00507	-.02343	1965.1	-.01117	.04193	.53607	969.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	F 1963.2	.04067	-.09250	F 1829.9	.00666	.08332
Stddev	.00017	9.1	.00142	.00279	19.5	.00033	.00205
%RSD	21.736	.46520	3.4868	3.0111	1.0672	4.9807	2.4629

#1	-.00091	1952.6	.03903	-.09562	1845.8	.00700	.08565
#2	-.00059	1967.7	.04137	-.09161	1835.9	.00665	.08253
#3	-.00083	1969.1	.04159	-.09027	1808.1	.00633	.08178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1026.8	-.00739	-.12992	.74336	-.01313	.07976	-.07296
Stddev	6.5	.00041	.01535	.22038	.00762	.00207	.00285
%RSD	.62997	5.5243	11.815	29.647	58.024	2.5954	3.9071

#1	1025.5	-.00745	-.14636	.53968	-.01839	.08214	-.06974
#2	1033.8	-.00695	-.12742	.71308	-.01660	.07836	-.07394
#3	1021.1	-.00776	-.11597	.97731	-.00439	.07878	-.07518

Sample Name: LR CHECK 1 Acquired: 1/29/2019 13:14:15 Type: Unk
Method: P4-ICP2(v2804) 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	.19378	.0340	F -1.0400	10.309	F 1302.8
Stddev	.00265	.0016	.0149	.239	4.0
%RSD	1.3676	4.748	1.4325	2.3177	.31051
#1	.19200	.0343	-1.0228	10.584	1306.3
#2	.19683	.0355	-1.0489	10.153	1303.7
#3	.19251	.0323	-1.0482	10.190	1298.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.1	26932.	2906.2	8.8228	1882.3
Stddev	2.3	77.	24.9	.3731	1.5
%RSD	.10317	.28506	.85690	4.2284	.08079
#1	2260.7	26843.	2932.3	8.9653	1880.6
#2	2256.9	26980.	2882.6	9.1036	1882.9
#3	2256.5	26972.	2903.6	8.3995	1883.4

Sample Name: LR CHECK 2 Acquired: 1/29/2019 13:19:19 Type: Unk
Method: P4-ICP2(v2804) 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	-0.00090	-0.00197	F 250.58	.02964	-0.04382	2.6120	F 106.16
Stddev	.00108	.00156	1.35	.00270	.00021	.0348	1.81
%RSD	119.86	79.213	.54056	9.0968	.47354	1.3316	1.7026

#1	.00024	-0.00328	249.03	.02688	-0.04402	2.5742	107.74
#2	-0.00190	-0.00025	251.54	.02977	-0.04385	2.6191	106.54
#3	-0.00104	-0.00237	251.16	.03227	-0.04360	2.6426	104.19

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00170	-0.01019	3.9656	-0.13683	-0.00011	241.27	4.6235
Stddev	.00004	.00002	.0330	.00084	.00025	1.24	.0924
%RSD	2.4630	.18915	.83161	.61710	231.95	.51284	1.9994

#1	-0.00168	-0.01017	3.9882	-0.13620	-0.00028	242.55	4.6904
#2	-0.00175	-0.01018	3.9808	-0.13779	-0.00022	240.08	4.6621
#3	-0.00168	-0.01021	3.9278	-0.13649	.00018	241.16	4.5181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.190	3.4080	F 53.008	.00904	4.8266	-0.03931	F 37.426
Stddev	.120	.1004	.083	.00036	.0768	.00021	.144
%RSD	.26506	2.9459	.15745	3.9437	1.5904	.53490	.38555

#1	45.283	3.3982	52.917	.00868	4.9072	-0.03927	37.411
#2	45.232	3.5130	53.028	.00940	4.8185	-0.03913	37.290
#3	45.055	3.3130	53.080	.00903	4.7543	-0.03954	37.577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6150	-0.00589	-0.00094	-0.09957	-0.00923	.00368	.01656
Stddev	.0670	.00033	.00858	.00876	.00245	.00065	.00128
%RSD	2.5640	5.5538	916.68	8.8002	26.539	17.591	7.7057

#1	2.6920	-0.00573	-0.00863	-0.09429	-0.00640	.00344	.01510
#2	2.5701	-0.00627	-0.00250	-0.09473	-0.01060	.00318	.01749
#3	2.5828	-0.00568	.00832	-0.10968	-0.01067	.00441	.01708

Sample Name: LR CHECK 2 Acquired: 1/29/2019 13:19:19 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00405	F -3.289	-0.00323	3.3162	F<.00000
Stddev	.00503	.019	.00014	.0791	1.1779
%RSD	124.24	.5671	4.4410	2.3869	7.9249

#1	.00124	-3.271	-.00337	3.3455	-13.503
#2	-.00878	-3.308	-.00322	3.2266	-15.559
#3	-.00462	-3.288	-.00308	3.3766	-15.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.0	39882.	3491.2	7.4648	3463.4
Stddev	3.8	62.	41.9	1.1875	10.8
%RSD	.13274	.15424	1.1989	15.909	.31054

#1	2836.8	39817.	3449.1	7.8921	3475.4
#2	2830.7	39939.	3491.7	6.1227	3459.9
#3	2837.6	39892.	3532.8	8.3795	3454.8

Sample Name: K1228-01 Acquired: 1/29/2019 13:23:59 Type: Unk
Method: P4-ICP2(v2804) 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	.05295	-.05004	.98114	-.02128	.00353	141.89	.86439	.00831
Stddev	.00293	.00120	.00143	.00207	.00205	.62	.00568	.00013
%RSD	5.5283	2.4001	.14581	9.7350	57.882	.43448	.65754	1.5653
#1	.05399	-.04955	.98055	-.02121	.00490	141.25	.86423	.00816
#2	.05521	-.05141	.98277	-.01925	.00452	142.48	.87016	.00838
#3	.04964	-.04917	.98009	-.02339	.00118	141.93	.85879	.00839
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	106.83	.17340	.08907	.38717	191.81	5.8510	52.223
Stddev	.00007	.28	.00107	.00039	.00165	.41	.0217	.151
%RSD	5.8400	.26233	.61475	.43898	.42741	.21495	.37136	.28826
#1	-.00121	106.60	.17301	.08863	.38751	192.28	5.8354	52.111
#2	-.00126	106.75	.17460	.08921	.38862	191.64	5.8759	52.394
#3	-.00136	107.15	.17258	.08937	.38537	191.51	5.8418	52.163
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18138	-.02258	2.6683	.33804	1.0317	7.3751	.00430	-.02230
Stddev	.00087	.00038	.0172	.00163	.0020	.0587	.00044	.00718
%RSD	.47949	1.6910	.64340	.48077	.19177	.79546	10.299	32.201
#1	.18039	-.02270	2.6827	.33674	1.0296	7.3875	.00472	-.02734
#2	.18173	-.02289	2.6730	.33986	1.0319	7.4266	.00434	-.01408
#3	.18203	-.02215	2.6493	.33752	1.0336	7.3112	.00384	-.02550
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1159	7.6100	.05170	2.4216	.11794	6.107	.21047	<.00000
Stddev	.0271	.0310	.00074	.0054	.00087	.003	.00074	.35475
%RSD	.65717	.40750	1.4281	.22477	.73821	.0415	.35351	6.6214
#1	4.1454	7.6431	.05116	2.4266	.11833	6.109	.21019	-5.5981
#2	4.1100	7.6052	.05254	2.4158	.11694	6.106	.21131	-4.9502
#3	4.0923	7.5816	.05141	2.4222	.11855	6.104	.20990	-5.5247

Sample Name: K1228-01 Acquired: 1/29/2019 13:23:59 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 433.40
Stddev	2.47
%RSD	.56995

#1	431.11
#2	433.06
#3	436.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3850.0	45256.	4135.4	9.6215	3280.3
Stddev	8.8	131.	10.2	1.6799	6.1
%RSD	.22874	.29033	.24680	17.460	.18552

#1	3849.3	45315.	4127.4	9.2122	3286.1
#2	3841.6	45105.	4131.9	11.468	3280.7
#3	3859.2	45347.	4146.9	8.1840	3274.0

Sample Name: K1228-01DUP Acquired: 1/29/2019 13:28:25 Type: Unk
Method: P4-ICP2(v2804) 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	.05231	-.05298	.96800	-.02258	.00575	143.09	.87785	.00854
Stddev	.00161	.00132	.00087	.00062	.00224	1.28	.01048	.00005
%RSD	3.0766	2.4824	.08949	2.7662	38.952	.89504	1.1936	.54877
#1	.05371	-.05448	.96715	-.02245	.00710	141.87	.88112	.00859
#2	.05055	-.05238	.96797	-.02203	.00317	142.98	.88630	.00854
#3	.05267	-.05207	.96888	-.02326	.00699	144.42	.86612	.00849
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	109.90	.17464	.08882	.38948	189.67	5.8525	53.026
Stddev	.00025	.63	.00078	.00053	.00222	2.08	.0415	.306
%RSD	36.290	.57697	.44433	.59153	.57114	1.0967	.70855	.57743
#1	-.00089	109.48	.17425	.08934	.38820	191.03	5.8048	53.179
#2	-.00076	110.63	.17554	.08883	.38819	190.70	5.8802	53.225
#3	-.00041	109.58	.17415	.08829	.39205	187.27	5.8725	52.673
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18110	-.02242	2.5741	.34081	1.0426	7.3309	.00414	-.01712
Stddev	.00038	.00008	.0144	.00170	.0030	.0162	.00043	.00554
%RSD	.21106	.37629	.56093	.49822	.28552	.22086	10.301	32.372
#1	.18068	-.02236	2.5765	.33918	1.0445	7.3283	.00368	-.01168
#2	.18119	-.02251	2.5872	.34257	1.0442	7.3483	.00421	-.02276
#3	.18143	-.02238	2.5586	.34070	1.0392	7.3163	.00452	-.01693
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2380	7.2268	.05089	2.4167	.11850	6.119	.23144	<.00000
Stddev	.0318	.0796	.00056	.0099	.00234	.006	.00235	.26661
%RSD	.75054	1.1020	1.1043	.40859	1.9748	.0944	1.0154	4.2811
#1	4.2218	7.2863	.05028	2.4103	.11627	6.123	.22875	-5.9198
#2	4.2176	7.2577	.05138	2.4281	.12093	6.113	.23309	-6.3807
#3	4.2747	7.1363	.05102	2.4117	.11829	6.122	.23249	-6.3824

Sample Name: K1228-01DUP Acquired: 1/29/2019 13:28:25 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 432.70
 Stddev 2.29
 %RSD .52873

#1 434.81
 #2 433.03
 #3 430.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3865.1	45507.	4189.2	9.9150	3277.0
Stddev	6.4	11.	47.5	.8205	9.9
%RSD	.16510	.02495	1.1335	8.2752	.30108

#1	3861.3	45517.	4160.6	9.4557	3268.0
#2	3872.5	45495.	4162.9	9.4270	3275.5
#3	3861.5	45509.	4244.0	10.862	3287.6

Sample Name: K1228-01LX5 Acquired: 1/29/2019 13:32:51 Type: Unk
Method: P4-ICP2(v2804) 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	.01349	-.01060	.19056	.00027	.00224	31.716	.18500	.00180
Stddev	.00141	.00163	.00123	.00073	.00217	.095	.00340	.00004
%RSD	10.450	15.354	.64380	273.34	96.710	.29926	1.8405	2.0025

#1	.01303	-.01179	.18940	.00101	.00338	31.662	.18578	.00178
#2	.01507	-.01127	.19185	.00023	.00360	31.826	.18127	.00184
#3	.01236	-.00874	.19042	-.00044	-.00026	31.662	.18794	.00177

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	25.130	.04002	.01693	.09020	50.857	1.4000	12.448
Stddev	.00012	.096	.00009	.00041	.00030	.193	.0024	.105
%RSD	5.9818	.38176	.21997	2.4185	.32958	.37942	.16826	.84270

#1	-.00207	25.022	.04003	.01673	.09055	50.912	1.4027	12.352
#2	-.00195	25.160	.03993	.01740	.09003	50.643	1.3987	12.432
#3	-.00220	25.206	.04011	.01666	.09004	51.017	1.3986	12.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03497	-.00441	.69737	.07752	.19445	1.8754	.00090	.00680
Stddev	.00038	.00023	.00530	.00030	.00052	.0159	.00019	.00031
%RSD	1.0985	5.2270	.76040	.38654	.26840	.85035	21.188	4.5350

#1	.03464	-.00466	.69318	.07786	.19428	1.8877	.00069	.00705
#2	.03487	-.00434	.69558	.07732	.19503	1.8574	.00097	.00690
#3	.03539	-.00422	.70333	.07737	.19403	1.8812	.00106	.00646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71725	1.8366	.00952	.55542	.02615	1.152	.04217	<.00000
Stddev	.03004	.0064	.00025	.00597	.00210	.002	.00037	.31204
%RSD	4.1877	.34810	2.6579	1.0752	8.0197	.1638	.88520	71.172

#1	.74375	1.8409	.00961	.56131	.02606	1.150	.04174	-.57050
#2	.68462	1.8293	.00971	.55559	.02410	1.154	.04238	-.08207
#3	.72339	1.8397	.00923	.54937	.02829	1.153	.04239	-.66271

Sample Name: K1228-01LX5 Acquired: 1/29/2019 13:32:51 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	84.932
Stddev	1.519
%RSD	1.7888

#1	86.110
#2	83.217
#3	85.469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.3	41316.	3635.4	8.8947	3680.1
Stddev	6.3	10.	12.1	.5596	5.5
%RSD	.17765	.02405	.33345	6.2912	.14956

#1	3565.6	41305.	3633.0	9.1795	3683.1
#2	3554.2	41318.	3648.5	9.2545	3673.8
#3	3555.2	41324.	3624.6	8.2500	3683.5

Sample Name: K1228-01MS Acquired: 1/29/2019 13:37:09 Type: Unk
Method: P4-ICP2(v2804) 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	.76734	2.0666	1.8735	1.7282	.23037	155.11	.92230	.19736
Stddev	.00327	.0046	.0056	.0057	.00207	.68	.00477	.00006
%RSD	.42575	.22047	.29702	.32747	.89705	.43691	.51692	.02969
#1	.77105	2.0616	1.8796	1.7254	.23208	154.57	.91772	.19742
#2	.76608	2.0704	1.8721	1.7245	.23097	154.89	.92195	.19731
#3	.76489	2.0679	1.8688	1.7347	.22808	155.87	.92724	.19735
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21100	68.169	.56649	.31742	.72969	208.57	4.9946	44.159
Stddev	.00036	.341	.00044	.00081	.00022	1.89	.0306	.272
%RSD	.16854	.50042	.07825	.25551	.03073	.90433	.61311	.61657
#1	.21140	68.088	.56601	.31835	.72994	209.36	5.0274	44.048
#2	.21071	68.543	.56688	.31701	.72961	209.94	4.9895	44.470
#3	.21088	67.876	.56657	.31689	.72951	206.42	4.9668	43.960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73977	.04406	5.0849	.60769	1.2654	16.073	.35868	.21022
Stddev	.00215	.00120	.0054	.00141	.0047	.041	.00083	.01063
%RSD	.29054	2.7313	.10700	.23137	.37009	.25633	.23144	5.0567
#1	.74028	.04519	5.0861	.60708	1.2707	16.093	.35800	.20925
#2	.74162	.04419	5.0897	.60929	1.2636	16.100	.35961	.22131
#3	.73741	.04279	5.0790	.60668	1.2618	16.025	.35844	.20011
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1181	F 12.597	.95931	2.8370	.31404	F 12.08	.22362	<.00000
Stddev	.0403	.147	.00235	.0059	.00181	.04	.00069	.31359
%RSD	1.2941	1.1696	.24450	.20618	.57583	.2923	.30934	7.2090
#1	3.1605	12.677	.95969	2.8315	.31500	12.12	.22301	-4.5793
#2	3.1137	12.686	.96144	2.8431	.31517	12.05	.22437	-3.9926
#3	3.0801	12.427	.95680	2.8363	.31196	12.06	.22349	-4.4781

Sample Name: K1228-01MS Acquired: 1/29/2019 13:37:09 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 467.65
Stddev	1.76
%RSD	.37634

#1	469.18
#2	465.73
#3	468.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.4	44608.	4062.1	9.6055	3285.7
Stddev	9.3	41.	33.9	1.5183	7.5
%RSD	.24453	.09231	.83419	15.807	.22871

#1	3799.6	44610.	4047.1	10.371	3278.5
#2	3788.6	44567.	4038.2	7.8568	3285.0
#3	3807.0	44649.	4100.9	10.589	3293.5

Sample Name: K1228-01MSD Acquired: 1/29/2019 13:41:28 Type: Unk
Method: P4-ICP2(v2804) 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	.77430	2.0747	1.8776	1.7311	.23057	155.09	.93137	.19959
Stddev	.00261	.0088	.0046	.0057	.00058	.58	.00527	.00034
%RSD	.33670	.42327	.24478	.32803	.25298	.37299	.56549	.17047
#1	.77541	2.0837	1.8828	1.7368	.23076	155.51	.93519	.19996
#2	.77132	2.0661	1.8741	1.7311	.23104	154.43	.92536	.19952
#3	.77617	2.0742	1.8758	1.7255	.22992	155.32	.93357	.19929
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21091	68.429	.56903	.31812	.73346	210.75	5.0058	44.272
Stddev	.00050	.281	.00089	.00026	.00355	1.09	.0410	.204
%RSD	.23615	.41087	.15667	.08256	.48340	.51952	.81828	.46015
#1	.21140	68.568	.56994	.31811	.73095	211.10	5.0363	44.397
#2	.21041	68.106	.56899	.31839	.73752	209.53	4.9593	44.037
#3	.21091	68.615	.56816	.31786	.73192	211.63	5.0219	44.383
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74113	.04421	5.0675	.61164	1.2677	16.203	.36074	.21550
Stddev	.00333	.00101	.0330	.00158	.0040	.098	.00186	.00719
%RSD	.44940	2.2843	.65108	.25795	.31755	.60292	.51554	3.3387
#1	.74435	.04536	5.0896	.61184	1.2719	16.237	.35893	.21922
#2	.73770	.04348	5.0296	.60998	1.2638	16.093	.36265	.20721
#3	.74135	.04379	5.0834	.61311	1.2674	16.279	.36063	.22007
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1938	F 12.699	.96411	2.8327	.31837	F 12.10	.22263	<.00000
Stddev	.0398	.065	.00252	.0075	.00208	.05	.00203	.34568
%RSD	1.2477	.51031	.26163	.26295	.65450	.4290	.91130	8.1427
#1	3.1626	12.659	.96608	2.8282	.32070	12.14	.22448	-4.4249
#2	3.1802	12.664	.96127	2.8413	.31669	12.04	.22046	-4.4640
#3	3.2387	12.774	.96499	2.8287	.31772	12.11	.22296	-3.8467

Sample Name: K1228-01MSD Acquired: 1/29/2019 13:41:28 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 466.17
 Stddev 1.62
 %RSD .34770

#1 464.52
 #2 467.76
 #3 466.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.5	44349.	4017.9	9.4951	3280.2
Stddev	5.9	131.	22.7	.7416	9.9
%RSD	.15493	.29532	.56489	7.8107	.30064

#1	3786.4	44246.	4006.0	10.342	3270.6
#2	3775.0	44497.	4044.1	9.1843	3290.3
#3	3783.1	44306.	4003.6	8.9594	3279.8

Sample Name: K1238-11DLX10 Acquired: 1/29/2019 13:58:37 Type: Unk
Method: P4-ICP2(v2804) 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	.00666	-.00327	.01106	.00625	-.00111	10.398	.04256	.00075
Stddev	.00250	.00126	.00082	.00027	.00043	.136	.00235	.00009
%RSD	37.605	38.631	7.4126	4.3541	38.375	1.3056	5.5174	12.250

#1	.00617	-.00359	.01200	.00643	-.00066	10.241	.04006	.00066
#2	.00937	-.00434	.01067	.00638	-.00117	10.472	.04289	.00084
#3	.00443	-.00188	.01050	.00593	-.00150	10.480	.04472	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	55.519	.06998	.00353	.01238	23.231	4.7481	24.445
Stddev	.00006	.163	.00041	.00014	.00020	.218	.0093	.182
%RSD	4.0612	.29394	.58359	3.8840	1.5996	.93969	.19648	.74382

#1	-.00144	55.687	.06956	.00354	.01236	23.480	4.7411	24.359
#2	-.00133	55.361	.07002	.00339	.01259	23.072	4.7444	24.322
#3	-.00143	55.510	.07037	.00367	.01219	23.142	4.7587	24.654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00915	-.00230	.33896	.76340	.06388	1.2574	.00030	.00496
Stddev	.00039	.00032	.00707	.00325	.00042	.0309	.00042	.01402
%RSD	4.3030	14.066	2.0843	.42586	.65046	2.4540	138.25	282.59

#1	.00891	-.00193	.33156	.75978	.06432	1.2823	.00022	.00253
#2	.00893	-.00255	.33969	.76436	.06382	1.2670	.00076	.02003
#3	.00960	-.00241	.34563	.76606	.06350	1.2229	-.00007	-.00768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47272	.72870	.00153	.60265	.01034	.7630	.02512	2.9444
Stddev	.02730	.00270	.00028	.00528	.00259	.0020	.00033	.5786
%RSD	5.7742	.37087	18.677	.87597	25.075	.2666	1.3086	19.651

#1	.50010	.73081	.00163	.60019	.01269	.7652	.02475	3.1151
#2	.44551	.72565	.00120	.60871	.01078	.7612	.02536	3.4184
#3	.47256	.72962	.00175	.59906	.00756	.7626	.02526	2.2996

Sample Name: K1238-11DLX10 Acquired: 1/29/2019 13:58:37 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 35.718
 Stddev 1.198
 %RSD 3.3545

#1 35.618
 #2 36.963
 #3 34.573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.3	39072.	3518.0	9.6619	3543.3
Stddev	21.8	117.	39.3	1.3798	20.4
%RSD	.65702	.29844	1.1172	14.281	.57590

#1	3315.5	39032.	3472.8	9.6894	3522.1
#2	3302.9	38981.	3536.7	8.2686	3545.0
#3	3345.4	39203.	3544.5	11.028	3562.8

Sample Name: K1205-01 Acquired: 1/29/2019 14:03:18 Type: Unk
Method: P4-ICP2(v2804) 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	.07935	-.11258	.26821	-.07646	.00516	279.43	.84957	.01447
Stddev	.00541	.00173	.00315	.00058	.00203	.54	.00867	.00012
%RSD	6.8161	1.5329	1.1760	.75971	39.246	.19208	1.0207	.84501
#1	.07520	-.11323	.26464	-.07596	.00726	279.24	.85953	.01444
#2	.07738	-.11389	.26940	-.07633	.00323	279.01	.84375	.01436
#3	.08547	-.11063	.27060	-.07710	.00499	280.03	.84542	.01460
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	21.137	.44053	.15163	.24446	330.25	4.4421	33.745
Stddev	.00025	.125	.00144	.00065	.00140	.87	.0199	.055
%RSD	15.403	.59080	.32614	.43136	.57315	.26473	.44857	.16297
#1	.00135	21.091	.44218	.15090	.24296	331.24	4.4202	33.727
#2	.00175	21.041	.43954	.15217	.24574	329.57	4.4472	33.702
#3	.00181	21.278	.43986	.15182	.24468	329.96	4.4590	33.807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27481	-.05456	1.2829	.67684	.77233	15.633	.00936	-.20700
Stddev	.00096	.00099	.0068	.00149	.00112	.021	.00017	.01207
%RSD	.34917	1.8225	.53165	.21949	.14483	.13619	1.8512	5.8329
#1	.27385	-.05530	1.2904	.67853	.77293	15.627	.00923	-.19586
#2	.27482	-.05495	1.2813	.67625	.77104	15.616	.00929	-.21983
#3	.27576	-.05343	1.2770	.67573	.77301	15.657	.00956	-.20532
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61207	F 10.283	.03046	4.8005	.20346	7.861	.13302	<.00000
Stddev	.04029	.074	.00057	.0157	.00237	.006	.00166	.18336
%RSD	6.5820	.71924	1.8761	.32691	1.1654	.0827	1.2473	1.3690
#1	.63311	10.367	.03006	4.8186	.20367	7.866	.13334	-13.204
#2	.63747	10.254	.03021	4.7916	.20099	7.862	.13123	-13.570
#3	.56562	10.228	.03112	4.7912	.20572	7.853	.13450	-13.409

Sample Name: K1205-01 Acquired: 1/29/2019 14:03:18 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 980.67
Stddev	1.32
%RSD	.13471

#1	979.67
#2	980.17
#3	982.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.5	47300.	4370.6	8.9314	3106.5
Stddev	7.0	153.	24.6	.7965	7.2
%RSD	.17374	.32328	.56201	8.9186	.23233

#1	4040.8	47128.	4342.4	8.8658	3101.6
#2	4027.5	47355.	4381.6	8.1697	3114.8
#3	4038.0	47418.	4387.7	9.7587	3103.1

Sample Name: K1228-01A Acquired: 1/29/2019 14:08:33 Type: Unk
Method: P4-ICP2(v2804) 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	.78272	2.0905	1.8959	1.7544	.23710	158.96	.94899	.20028
Stddev	.00277	.0038	.0028	.0056	.00146	.83	.00364	.00061
%RSD	.35329	.18056	.14952	.31990	.61408	.52471	.38325	.30397
#1	.78522	2.0905	1.8950	1.7487	.23542	158.04	.94649	.20094
#2	.78320	2.0868	1.8990	1.7600	.23779	159.17	.95316	.20014
#3	.77975	2.0943	1.8935	1.7546	.23807	159.66	.94731	.19975
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21282	70.317	.57433	.32219	.74956	214.40	5.0938	44.893
Stddev	.00048	.167	.00097	.00053	.00170	.91	.0095	.155
%RSD	.22656	.23691	.16838	.16321	.22636	.42676	.18598	.34541
#1	.21290	70.215	.57455	.32273	.74918	215.40	5.0855	45.032
#2	.21326	70.228	.57328	.32215	.75141	213.60	5.0917	44.726
#3	.21230	70.510	.57517	.32168	.74808	214.20	5.1041	44.919
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74970	.04449	5.1184	.61525	1.2853	16.466	.36417	.21395
Stddev	.00087	.00016	.0059	.00095	.0042	.025	.00073	.00562
%RSD	.11545	.35852	.11549	.15438	.32357	.14936	.20149	2.6260
#1	.75033	.04465	5.1247	.61497	1.2885	16.488	.36393	.20815
#2	.75005	.04450	5.1130	.61632	1.2806	16.439	.36499	.21936
#3	.74871	.04433	5.1176	.61448	1.2868	16.470	.36359	.21433
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2748	F 13.371	1.0038	2.8850	.31961	F 12.29	.23505	<.00000
Stddev	.0437	.117	.0026	.0133	.00211	.04	.00199	.53497
%RSD	1.3348	.87438	.25672	.46152	.66140	.3112	.84491	14.146
#1	3.2924	13.506	1.0010	2.8709	.31750	12.31	.23280	-4.2653
#2	3.2250	13.294	1.0060	2.8869	.31960	12.25	.23579	-3.8732
#3	3.3069	13.314	1.0046	2.8973	.32173	12.32	.23656	-3.2071

Sample Name: K1228-01A Acquired: 1/29/2019 14:08:33 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 482.69
Stddev	1.62
%RSD	.33642

#1	484.32
#2	481.07
#3	482.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.5	44263.	4007.6	10.387	3254.8
Stddev	6.8	137.	17.6	.272	11.2
%RSD	.18236	.31018	.43863	2.6145	.34390

#1	3739.0	44339.	3990.0	10.691	3243.5
#2	3748.2	44346.	4025.2	10.169	3265.9
#3	3752.3	44105.	4007.5	10.302	3255.1

Sample Name: CCV02 Acquired: 1/29/2019 14:12:53 Type: Unk
Method: P4-ICP2(v2804) 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	5.2310	5.1808	5.1703	5.2229	5.2896	10.622	10.352	.25986	2.5574
Stddev	.0111	.0198	.0290	.0031	.0152	.056	.039	.00080	.0121
%RSD	.21281	.38283	.56120	.05928	.28730	.52279	.37341	.30596	.47454
#1	5.2188	5.1580	5.1386	5.2264	5.2751	10.572	10.353	.25906	2.5436
#2	5.2338	5.1941	5.1767	5.2220	5.3054	10.682	10.390	.25988	2.5621
#3	5.2405	5.1902	5.1956	5.2205	5.2883	10.613	10.313	.26065	2.5665
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.425	1.0155	2.5655	1.3057	5.0890	2.6194	25.221	2.5538	1.2757
Stddev	.179	.0017	.0127	.0041	.0215	.0019	.090	.0145	.0013
%RSD	.67657	.16461	.49520	.31379	.42297	.07138	.35713	.56688	.09883
#1	26.324	1.0136	2.5511	1.3012	5.1053	2.6211	25.149	2.5371	1.2762
#2	26.632	1.0166	2.5705	1.3066	5.0646	2.6197	25.322	2.5607	1.2766
#3	26.320	1.0163	2.5750	1.3092	5.0970	2.6174	25.192	2.5635	1.2742
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.032	2.5495	2.5707	25.609	5.1727	5.1748	5.1711	5.1230	5.0523
Stddev	.057	.0013	.0108	.090	.0127	.0406	.0507	.0404	.0263
%RSD	.22820	.05191	.42085	.35245	.24656	.78503	.98071	.78910	.52154
#1	25.047	2.5505	2.5582	25.655	5.1584	5.1333	5.1182	5.1693	5.0219
#2	25.080	2.5501	2.5765	25.666	5.1830	5.2145	5.2192	5.0947	5.0667
#3	24.968	2.5480	2.5774	25.505	5.1766	5.1766	5.1759	5.1050	5.0682
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.1617	5.2378	5.148	5.4585	5.4181	1.7469			
Stddev	.0350	.0190	.010	.0207	.4299	.6146			
%RSD	.67744	.36194	.1978	.37832	7.9353	35.182			
#1	5.1392	5.2406	5.151	5.4681	5.8876	2.3532			
#2	5.2019	5.2552	5.136	5.4725	5.3231	1.1243			
#3	5.1438	5.2176	5.156	5.4348	5.0437	1.7633			

Sample Name: CCV02 Acquired: 1/29/2019 14:12:53 Type: Unk
Method: P4-ICP2(v2804) 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	3273.6	38371.	3420.2	7.8941	3394.7
Stddev	2.5	136.	23.2	.7091	11.5
%RSD	.07745	.35324	.67697	8.9825	.33735
#1	3276.3	38219.	3395.1	8.6010	3407.8
#2	3271.3	38417.	3424.8	7.1829	3389.6
#3	3273.1	38478.	3440.7	7.8983	3386.7

Sample Name: CCB02 Acquired: 1/29/2019 14:16:53 Type: Unk
Method: P4-ICP2(v2804) 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	-.00197	.00294	-.00098	.00259	.00136	.01428	-.01120
Stddev	.00176	.00054	.00020	.00103	.00029	.00846	.00455
%RSD	89.576	18.512	20.399	39.879	20.981	59.203	40.638

#1	-.00270	.00353	-.00075	.00369	.00169	.00538	-.01223
#2	.00004	.00283	-.00111	.00242	.00122	.02221	-.00622
#3	-.00324	.00246	-.00108	.00165	.00118	.01526	-.01516

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	.00739	-.00019	-.00003	.00004	.00436
Stddev	.00002	.00012	.00925	.00034	.00010	.00043	.00101
%RSD	164.45	403.09	125.23	172.58	383.45	1107.6	23.091

#1	-.00004	-.00010	.01523	-.00025	-.00001	-.00034	.00509
#2	.00000	.00006	.00973	.00017	.00007	.00051	.00478
#3	-.00001	.00014	-.00281	-.00050	-.00014	-.00005	.00321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04385	.00052	-.00011	-.00035	-.00004	.00007
Stddev	.00003	.02138	.00029	.00044	.01404	.00019	.00006
%RSD	80.368	48.759	55.745	399.38	4038.1	532.77	90.688

#1	.00005	-.02558	.00075	.00038	-.01573	.00003	.00001
#2	.00001	-.03860	.00062	-.00045	.01178	.00011	.00007
#3	.00007	-.06737	.00020	-.00026	.00291	-.00025	.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24539	.00025	.00685	-.00800	.00452	-.00060	.00025
Stddev	.02022	.00008	.00345	.02671	.00122	.00039	.00145
%RSD	8.2415	34.123	50.407	333.85	26.890	63.948	574.62

#1	.23873	.00021	.00954	.02011	.00315	-.00041	.00061
#2	.26811	.00034	.00805	-.01107	.00495	-.00105	-.00134
#3	.22934	.00019	.00296	-.03305	.00546	-.00035	.00150

Sample Name: CCB02 Acquired: 1/29/2019 14:16:53 Type: Unk
 Method: P4-ICP2(v2804) 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	-.00325	.0008	.00003	1.0049	F<.00000
Stddev	.00080	.0010	.00006	.2577	.81370
%RSD	24.553	130.9	224.67	25.648	44.141
#1	-.00233	-.0001	.00007	.78303	-1.0175
#2	-.00365	.0005	.00005	1.2876	-1.8684
#3	-.00377	.0019	-.00004	.94410	-2.6444
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.9	40598.	3526.1	9.9485	3896.7
Stddev	7.8	90.	17.9	.5796	8.6
%RSD	.22859	.22264	.50857	5.8257	.22164
#1	3423.0	40690.	3519.3	10.416	3886.9
#2	3431.2	40509.	3512.6	10.130	3899.8
#3	3438.6	40595.	3546.5	9.3000	3903.3

Sample Name: K1205-02 Acquired: 1/29/2019 14:21:19 Type: Unk
Method: P4-ICP2(v2804) 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	.07725	-.09874	.37744	-.07022	.00557	293.26	.99319	.01578
Stddev	.00256	.00225	.00140	.00545	.00118	.74	.00779	.00031
%RSD	3.3093	2.2737	.37095	7.7685	21.227	.25148	.78480	1.9564
#1	.08013	-.10074	.37807	-.07337	.00420	292.81	.98432	.01548
#2	.07638	-.09631	.37842	-.07336	.00617	292.86	.99898	.01577
#3	.07525	-.09918	.37584	-.06392	.00632	294.11	.99626	.01610
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	14.093	.42768	.31083	.26313	333.24	8.5884	29.768
Stddev	.00024	.143	.00106	.00045	.00136	2.35	.0044	.221
%RSD	8.4557	1.0117	.24734	.14554	.51722	.70626	.05118	.74355
#1	.00313	13.939	.42646	.31056	.26469	330.60	8.5836	29.639
#2	.00276	14.220	.42818	.31135	.26221	335.11	8.5922	29.641
#3	.00268	14.122	.42840	.31057	.26248	334.00	8.5894	30.024
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24654	-.05504	.68710	.70495	.74993	13.237	.00847	-.22975
Stddev	.00121	.00101	.00588	.00071	.00171	.084	.00022	.01572
%RSD	.49227	1.8278	.85514	.10030	.22766	.63513	2.6544	6.8424
#1	.24732	-.05592	.68342	.70573	.74925	13.140	.00822	-.23605
#2	.24514	-.05527	.68400	.70476	.75188	13.285	.00854	-.24134
#3	.24716	-.05394	.69387	.70436	.74868	13.286	.00865	-.21185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2730	9.0035	.03267	3.9156	.17503	7.344	-.17756	<.00000
Stddev	.0699	.0479	.00049	.0090	.00187	.010	.00089	.33332
%RSD	2.1352	.53155	1.5025	.22959	1.0698	.1332	.49856	2.5069
#1	3.2093	8.9488	.03242	3.9130	.17292	7.355	-.17675	-13.469
#2	3.3478	9.0377	.03236	3.9081	.17650	7.341	-.17850	-13.507
#3	3.2618	9.0241	.03324	3.9256	.17568	7.336	-.17742	-12.912

Sample Name: K1205-02 Acquired: 1/29/2019 14:21:19 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1042.2
 Stddev 3.7
 %RSD .35076

#1 1038.7
 #2 1041.9
 #3 1046.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4150.3	48301.	4483.1	11.084	3136.4
Stddev	8.0	74.	24.6	1.294	6.0
%RSD	.19291	.15367	.54953	11.672	.18985

#1	4147.2	48215.	4509.0	11.459	3140.5
#2	4144.3	48350.	4460.0	12.149	3129.6
#3	4159.4	48337.	4480.2	9.6443	3139.2

Sample Name: K1205-03 Acquired: 1/29/2019 14:25:54 Type: Unk
Method: P4-ICP2(v2804) 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	.06337	-.07345	.54279	-.02946	.00214	179.67	1.0626	.01350
Stddev	.00134	.00215	.00229	.00100	.00209	.36	.0126	.00012
%RSD	2.1086	2.9214	.42154	3.4047	97.569	.20205	1.1899	.90577
#1	.06373	-.07592	.54078	-.02969	.00018	180.09	1.0523	.01336
#2	.06189	-.07237	.54230	-.02836	.00434	179.44	1.0767	.01359
#3	.06449	-.07205	.54528	-.03032	.00190	179.49	1.0588	.01356
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	13.909	.26102	.20035	.16184	202.05	2.5483	19.812
Stddev	.00021	.109	.00074	.00101	.00103	2.40	.0072	.159
%RSD	4.4223	.78132	.28429	.50618	.63405	1.1878	.28244	.80420
#1	.00505	13.815	.26185	.20044	.16230	199.53	2.5405	19.637
#2	.00475	14.028	.26075	.19929	.16256	204.31	2.5547	19.949
#3	.00464	13.884	.26044	.20131	.16067	202.31	2.5496	19.849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20706	-.02861	.34057	.39679	.89715	7.6214	.00383	-.09511
Stddev	.00081	.00038	.00358	.00407	.00319	.0425	.00008	.00351
%RSD	.38923	1.3225	1.0500	1.0251	.35558	.55820	2.1627	3.6945
#1	.20713	-.02818	.33666	.39241	.89812	7.5839	.00373	-.09506
#2	.20622	-.02888	.34368	.40045	.89358	7.6676	.00385	-.09864
#3	.20783	-.02877	.34137	.39751	.89974	7.6126	.00389	-.09161
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9401	8.9761	.03436	2.3228	.10729	9.874	-.00068	<.00000
Stddev	.0565	.0988	.00104	.0086	.00100	.007	.00179	.35348
%RSD	2.9099	1.1008	3.0188	.37034	.93054	.0742	264.94	1.4062
#1	1.9558	8.8694	.03414	2.3188	.10782	9.881	.00133	-25.013
#2	1.8774	9.0645	.03345	2.3170	.10614	9.866	-.00213	-25.535
#3	1.9870	8.9944	.03549	2.3327	.10792	9.874	-.00124	-24.862

Sample Name: K1205-03 Acquired: 1/29/2019 14:25:54 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 690.64
Stddev 2.36
%RSD .34232

#1 691.08
#2 688.09
#3 692.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5199.8	60772.	5636.6	11.166	3233.9
Stddev	8.2	148.	62.8	1.753	5.3
%RSD	.15811	.24292	1.1148	15.698	.16323

#1	5192.1	60905.	5700.5	9.2133	3232.5
#2	5198.8	60613.	5574.9	12.603	3239.7
#3	5208.5	60797.	5634.5	11.683	3229.4

Sample Name: K1205-04 Acquired: 1/29/2019 14:30:11 Type: Unk
Method: P4-ICP2(v2804) 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	.10295	-.05557	.26331	-.11486	.00804	374.75	.80363	.01557
Stddev	.00266	.00338	.00212	.00261	.00148	1.24	.00312	.00017
%RSD	2.5886	6.0864	.80387	2.2740	18.376	.32991	.38783	1.0705

#1	.10329	-.05649	.26410	-.11519	.00763	374.41	.80011	.01566
#2	.10543	-.05839	.26092	-.11729	.00681	373.71	.80477	.01567
#3	.10013	-.05182	.26492	-.11210	.00968	376.12	.80602	.01538

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00939	24.198	.62651	.07943	.30751	392.87	.85158	16.177
Stddev	.00016	.086	.00130	.00029	.00176	.27	.00149	.065
%RSD	1.6669	.35475	.20697	.35886	.57229	.06859	.17454	.39961

#1	.00924	24.101	.62630	.07912	.30772	392.58	.85285	16.114
#2	.00955	24.232	.62790	.07952	.30916	393.11	.84995	16.174
#3	.00938	24.262	.62533	.07967	.30566	392.92	.85195	16.243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18347	-.07348	1.9008	.86026	.44512	7.7333	.02008	-.38650
Stddev	.00121	.00070	.0133	.00290	.00198	.0267	.00018	.00732
%RSD	.65928	.94836	.69684	.33694	.44492	.34571	.87421	1.8935

#1	.18462	-.07392	1.8856	.86285	.44576	7.7033	.02001	-.37874
#2	.18357	-.07268	1.9074	.85713	.44290	7.7545	.02028	-.38748
#3	.18221	-.07384	1.9095	.86081	.44671	7.7420	.01994	-.39328

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1178	F 10.303	.03503	1.4164	.17556	5.792	-.17629	<.00000
Stddev	.0415	.008	.00071	.0069	.00064	.004	.00024	.59325
%RSD	3.7126	.08149	2.0370	.48820	.36623	.0638	.13372	3.8428

#1	1.0833	10.296	.03442	1.4096	.17487	5.789	-.17622	-15.479
#2	1.1639	10.300	.03582	1.4161	.17568	5.796	-.17610	-16.009
#3	1.1062	10.313	.03486	1.4234	.17614	5.791	-.17656	-14.825

Sample Name: K1205-04 Acquired: 1/29/2019 14:30:11 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1367.8
Stddev 3.5
%RSD .25364

#1 1365.6
#2 1366.1
#3 1371.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.2	47932.	4512.5	11.475	3054.2
Stddev	7.8	79.	8.0	.266	10.2
%RSD	.18816	.16484	.17777	2.3214	.33526

#1	4115.3	47860.	4511.6	11.277	3046.4
#2	4129.6	48016.	4504.9	11.370	3065.8
#3	4127.7	47919.	4520.9	11.778	3050.4

Sample Name: K1205-05 Acquired: 1/29/2019 14:34:39 Type: Unk
Method: P4-ICP2(v2804) 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	.05655	-.03508	.29753	-.08587	.00637	333.00	.73189	.01072
Stddev	.00242	.00272	.00031	.00709	.00183	.74	.00822	.00015
%RSD	4.2745	7.7635	.10324	8.2580	28.753	.22313	1.1234	1.4163
#1	.05515	-.03196	.29722	-.07846	.00808	332.15	.74083	.01054
#2	.05515	-.03696	.29783	-.09259	.00444	333.55	.72465	.01082
#3	.05934	-.03632	.29753	-.08658	.00658	333.29	.73020	.01079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	21.016	.49557	.05520	.22575	347.49	1.1240	15.667
Stddev	.00049	.110	.00264	.00011	.00113	1.39	.0027	.032
%RSD	12.562	.52240	.53366	.19178	.49934	.40037	.24182	.20480
#1	.00368	21.139	.49633	.05530	.22703	348.60	1.1229	15.691
#2	.00444	20.983	.49262	.05521	.22536	345.93	1.1220	15.630
#3	.00354	20.927	.49774	.05509	.22488	347.93	1.1271	15.679
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11764	-.05729	1.8303	.78205	.31942	6.6959	.00941	-.29082
Stddev	.00097	.00108	.0143	.00142	.00079	.0065	.00047	.00326
%RSD	.82469	1.8815	.78025	.18118	.24786	.09663	4.9984	1.1227
#1	.11665	-.05606	1.8217	.78115	.31867	6.6885	.00994	-.28954
#2	.11859	-.05808	1.8224	.78132	.32024	6.7000	.00923	-.29453
#3	.11767	-.05773	1.8468	.78369	.31934	6.6992	.00905	-.28839
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8291	F 13.237	.03045	.88600	.19457	4.225	-.19799	<.00000
Stddev	.0321	.094	.00079	.00820	.00188	.007	.00109	.63989
%RSD	.66467	.70803	2.5924	.92498	.96427	.1759	.55082	4.6692
#1	4.8168	13.335	.02956	.87664	.19617	4.223	-.19890	-13.521
#2	4.8050	13.228	.03104	.88948	.19502	4.233	-.19678	-14.416
#3	4.8655	13.149	.03076	.89189	.19250	4.219	-.19828	-13.177

Sample Name: K1205-05 Acquired: 1/29/2019 14:34:39 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1129.4
Stddev	3.2
%RSD	.28027

#1	1132.8
#2	1128.9
#3	1126.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4146.0	48107.	4533.2	10.850	3128.2
Stddev	4.4	119.	29.4	.908	9.0
%RSD	.10686	.24633	.64751	8.3687	.28841

#1	4142.9	48120.	4499.4	9.8015	3134.7
#2	4144.1	48219.	4547.6	11.391	3117.9
#3	4151.1	47983.	4552.6	11.357	3132.0

Sample Name: K1205-06 Acquired: 1/29/2019 14:39:09 Type: Unk
Method: P4-ICP2(v2804) 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	.05295	-.23264	.60191	-.12771	.00567	714.84	1.4339	.02302
Stddev	.00131	.00203	.00167	.00161	.00137	1.69	.0103	.00011
%RSD	2.4705	.87092	.27703	1.2613	24.188	.23641	.71458	.49881
#1	.05238	-.23484	.60374	-.12949	.00465	713.02	1.4276	.02291
#2	.05444	-.23226	.60047	-.12727	.00723	715.11	1.4284	.02314
#3	.05202	-.23084	.60154	-.12636	.00513	716.37	1.4457	.02301
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01147	7.0248	.43589	.14634	.38194	382.21	2.0049	47.343
Stddev	.00024	.0785	.00069	.00023	.00124	1.97	.0016	.391
%RSD	2.0904	1.1171	.15906	.16034	.32498	.51507	.08005	.82591
#1	.01120	6.9817	.43515	.14619	.38292	382.51	2.0032	47.083
#2	.01155	6.9773	.43601	.14623	.38055	380.11	2.0064	47.154
#3	.01166	7.1154	.43652	.14661	.38236	384.01	2.0052	47.793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27116	-.09728	.92622	1.2501	.62096	35.530	.01371	-.37932
Stddev	.00132	.00013	.01399	.0022	.00198	.219	.00068	.00835
%RSD	.48731	.13819	1.5106	.17345	.31847	.61703	4.9878	2.2003
#1	.27241	-.09722	.91331	1.2490	.61890	35.304	.01362	-.38810
#2	.26977	-.09744	.92424	1.2525	.62116	35.544	.01308	-.37149
#3	.27131	-.09719	.94109	1.2486	.62284	35.742	.01444	-.37838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3790	F 11.078	.11319	9.3496	.26375	7.743	-.29643	<.00000
Stddev	.0710	.045	.00271	.0433	.00186	.005	.00141	.44650
%RSD	1.3202	.40214	2.3930	.46345	.70348	.0589	.47622	3.4268
#1	5.4609	11.062	.11416	9.3216	.26249	7.744	-.29722	-12.557
#2	5.3414	11.044	.11528	9.3277	.26287	7.738	-.29480	-13.087
#3	5.3347	11.129	.11013	9.3995	.26588	7.747	-.29728	-13.445

Sample Name: K1205-06 Acquired: 1/29/2019 14:39:09 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1367.6
 Stddev 3.7
 %RSD .27349

#1 1365.3
 #2 1372.0
 #3 1365.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4081.8	46463.	4478.0	10.815	2922.7
Stddev	7.1	144.	18.0	2.226	7.0
%RSD	.17506	.30928	.40156	20.587	.23912

#1	4075.4	46318.	4477.9	8.2545	2930.7
#2	4089.5	46467.	4496.1	12.296	2919.7
#3	4080.6	46605.	4460.1	11.894	2917.8

Sample Name: K1178-01DLX10 Acquired: 1/29/2019 14:43:33 Type: Unk
Method: P4-ICP2(v2804) 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	-.01237	-.00371	-.01117	-.01393	-.00216	39.255	-.01982	.00258
Stddev	.00327	.00111	.00028	.00163	.00131	.365	.00259	.00007
%RSD	26.423	29.977	2.4826	11.726	60.413	.93017	13.080	2.8888
#1	-.01041	-.00427	-.01122	-.01426	-.00209	38.918	-.01871	.00251
#2	-.01615	-.00243	-.01087	-.01216	-.00351	39.205	-.01797	.00265
#3	-.01056	-.00444	-.01141	-.01538	-.00090	39.643	-.02278	.00257
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00686	106.29	-.00509	.01355	.01091	157.47	2.9655	97.551
Stddev	.00009	.77	.00025	.00026	.00084	.24	.0049	.093
%RSD	1.3359	.72234	4.8951	1.8858	7.6798	.15135	.16480	.09487
#1	-.00680	105.61	-.00519	.01339	.01153	157.61	2.9599	97.579
#2	-.00696	106.15	-.00526	.01385	.00996	157.60	2.9681	97.625
#3	-.00681	107.12	-.00480	.01342	.01125	157.19	2.9686	97.447
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01334	-.01453	21.437	.01030	.01822	30.686	-.00198	.21430
Stddev	.00068	.00024	.025	.00046	.00012	.071	.00020	.01100
%RSD	5.0713	1.6425	.11751	4.4596	.65749	.23282	10.249	5.1348
#1	.01407	-.01472	21.410	.00986	.01836	30.605	-.00180	.21892
#2	.01322	-.01426	21.460	.01026	.01816	30.716	-.00194	.20174
#3	.01274	-.01460	21.440	.01078	.01815	30.739	-.00220	.22224
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 411.26	4.4630	-.15129	-.00346	.05511	.0604	.20632	3.1416
Stddev	2.34	.0088	.00069	.00070	.00101	.0017	.00159	.1597
%RSD	.56823	.19709	.45449	20.178	1.8320	2.837	.77230	5.0832
#1	412.67	4.4700	-.15205	-.00286	.05565	.0606	.20508	3.3253
#2	412.54	4.4659	-.15109	-.00329	.05395	.0586	.20577	3.0628
#3	408.56	4.4531	-.15072	-.00422	.05575	.0620	.20812	3.0365

Sample Name: K1178-01DLX10 Acquired: 1/29/2019 14:43:33 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 285.16
 Stddev 1.12
 %RSD .39222

#1 286.11
 #2 285.45
 #3 283.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.3	39112.	3547.9	9.2297	3289.9
Stddev	18.2	106.	9.6	.8450	18.8
%RSD	.54349	.27081	.27054	9.1553	.57285

#1	3329.9	39224.	3543.6	10.113	3270.1
#2	3348.6	39014.	3541.1	8.4285	3291.8
#3	3366.3	39099.	3558.8	9.1481	3307.6

Sample Name: K1178-01DUPDLX10 Acquired: 1/29/2019 14:47:52 Type: Unk
Method: P4-ICP2(v2804) 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	-.00625	.00199	-.02464	.01415	-.00160	38.933	-.02183	.00249
Stddev	.00763	.00646	.01634	.03119	.00176	.192	.00381	.00007
%RSD	121.94	325.03	66.336	220.40	110.20	.49207	17.463	2.6278
#1	-.00917	-.00464	-.01200	-.00679	-.00222	38.891	-.01878	.00250
#2	-.01199	.00234	-.01882	-.00075	.00039	38.766	-.02059	.00255
#3	.00240	.00826	-.04309	.05000	-.00297	39.142	-.02610	.00242
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01151	105.38	-.00507	.00762	-.00662	156.73	2.9453	97.095
Stddev	.00526	.39	.00021	.00679	.02158	.42	.0106	.241
%RSD	45.721	.37301	4.0563	89.114	325.88	.26804	.36029	.24831
#1	-.00752	104.93	-.00516	.01304	.00904	156.89	2.9571	96.871
#2	-.00954	105.53	-.00484	.00983	.00233	157.04	2.9425	97.064
#3	-.01748	105.67	-.00522	.00000	-.03123	156.25	2.9364	97.350
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00901	-.01446	21.443	.01032	.00252	30.631	-.00100	.21880
Stddev	.00442	.00036	.045	.00028	.01817	.065	.00093	.00565
%RSD	49.081	2.4697	.20922	2.7472	722.00	.21214	92.823	2.5823
#1	.01217	-.01485	21.395	.01020	.01643	30.557	-.00186	.21722
#2	.01091	-.01438	21.484	.01065	.00915	30.681	-.00113	.22508
#3	.00396	-.01415	21.450	.01012	-.01804	30.654	-.00002	.21412
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 234.24	4.4447	-.08726	.00053	.05347	.0384	.20411	2.7443
Stddev	204.99	.0330	.07284	.00229	.00153	.0250	.00199	.7981
%RSD	87.512	.74264	83.467	434.55	2.8644	65.00	.97275	29.083
#1	389.22	4.4630	-.14189	-.00168	.05203	.0579	.20185	3.3602
#2	311.68	4.4644	-.11533	.00289	.05331	.0470	.20494	3.0302
#3	1.8112	4.4066	-.00457	.00037	.05508	.0103	.20555	1.8426

Sample Name: K1178-01DUPDLX10 Acquired: 1/29/2019 14:47:52 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 285.57
 Stddev 3.38
 %RSD 1.1838

#1 283.13
 #2 284.15
 #3 289.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6060.2	39350.	3564.1	10.648	6930.4
Stddev	4034.4	183.	11.4	.964	5542.5
%RSD	66.573	.46386	.32009	9.0532	79.974

#1	3472.1	39145.	3557.1	10.918	3431.0
#2	3999.6	39407.	3558.0	9.5775	4039.4
#3	10709.	39496.	3577.3	11.448	13321.

Sample Name: K1178-01LDLX50 Acquired: 1/29/2019 14:52:11 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00064	-.00454	-.00184	.00051	7.7166	-.01284	.00048
Stddev	.00130	.00053	.00132	.00382	.00161	.0161	.00510	.00001
%RSD	198.93	83.740	29.060	208.16	317.97	.20892	39.733	2.7199
#1	-.00183	.00019	-.00599	-.00097	.00234	7.7032	-.00795	.00048
#2	.00075	.00050	-.00424	-.00601	-.00011	7.7345	-.01243	.00049
#3	-.00088	.00123	-.00340	.00148	-.00070	7.7121	-.01813	.00047
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	21.965	-.00132	.00240	.00177	35.346	.61345	20.081
Stddev	.00005	.036	.00016	.00016	.00026	.124	.00157	.049
%RSD	2.3549	.16477	11.743	6.8098	14.589	.35006	.25606	.24500
#1	-.00212	21.937	-.00115	.00243	.00204	35.312	.61332	20.121
#2	-.00221	22.006	-.00138	.00254	.00152	35.483	.61509	20.095
#3	-.00213	21.951	-.00144	.00222	.00175	35.243	.61195	20.026
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00263	4.3515	.00256	.00284	6.4509	-.00039	.04677
Stddev	.00019	.00020	.0139	.00031	.00004	.0087	.00005	.01112
%RSD	7.1898	7.5573	.31968	12.009	1.3829	.13489	13.901	23.786
#1	.00243	-.00285	4.3558	.00254	.00279	6.4605	-.00034	.05957
#2	.00263	-.00248	4.3627	.00287	.00285	6.4486	-.00045	.04132
#3	.00281	-.00255	4.3359	.00225	.00287	6.4435	-.00039	.03942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.278	1.0599	-.02865	-.00221	.00849	.0128	.03863	1.9446
Stddev	.803	.0109	.00043	.00193	.00280	.0010	.00022	.6326
%RSD	1.0389	1.0264	1.4888	87.092	33.035	7.788	.57798	32.534
#1	76.405	1.0721	-.02815	-.00006	.00614	.0140	.03859	1.5332
#2	77.445	1.0513	-.02888	-.00281	.01159	.0124	.03842	2.6730
#3	77.984	1.0563	-.02890	-.00377	.00773	.0122	.03887	1.6275

Sample Name: K1178-01LDLX50 Acquired: 1/29/2019 14:52:11 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	54.825
Stddev	.592
%RSD	1.0790

#1	55.330
#2	54.174
#3	54.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.7	40043.	3513.8	9.1864	3720.9
Stddev	38.8	120.	7.4	1.5058	32.2
%RSD	1.1347	.29931	.21185	16.392	.86488

#1	3464.7	40004.	3514.3	10.164	3758.1
#2	3388.1	39948.	3506.1	7.4523	3703.1
#3	3415.3	40178.	3521.0	9.9432	3701.6

Sample Name: K1178-01MSDLX10 Acquired: 1/29/2019 14:56:31 Type: Unk
Method: P4-ICP2(v2804) 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	.07261	.21386	.09621	.19897	.08731	35.344	.00069	.02381
Stddev	.00082	.00209	.00128	.00261	.00047	.204	.00249	.00020
%RSD	1.1264	.97787	1.3335	1.3140	.53925	.57606	361.89	.85088
#1	.07212	.21260	.09507	.20176	.08706	35.125	.00100	.02401
#2	.07356	.21627	.09595	.19856	.08785	35.381	.00300	.02361
#3	.07216	.21270	.09760	.19658	.08702	35.527	-.00194	.02381
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01492	95.948	.03716	.03404	.04226	143.57	2.6923	87.765
Stddev	.00029	2.119	.00015	.00010	.00022	2.67	.0047	1.657
%RSD	1.9719	2.2084	.41270	.30405	.52231	1.8577	.17384	1.8882
#1	.01506	94.320	.03728	.03411	.04239	142.29	2.6976	86.336
#2	.01458	98.344	.03722	.03392	.04201	146.63	2.6902	89.582
#3	.01512	95.181	.03699	.03409	.04238	141.78	2.6890	87.378
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06661	-.00490	19.459	.04114	.03852	28.625	.04053	.21246
Stddev	.00046	.00084	.326	.00016	.00037	.546	.00018	.00373
%RSD	.68452	17.153	1.6750	.38118	.96049	1.9068	.45378	1.7560
#1	.06627	-.00475	19.242	.04115	.03842	28.198	.04042	.21622
#2	.06645	-.00415	19.834	.04128	.03820	29.240	.04042	.21240
#3	.06713	-.00581	19.301	.04097	.03892	28.435	.04074	.20876
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 370.38	4.2541	-.06117	.02329	.07067	.7113	.20554	3.4865
Stddev	1.03	.0602	.00044	.00174	.00144	.0037	.00525	.0493
%RSD	.27815	1.4140	.71701	7.4906	2.0335	.5206	2.5559	1.4148
#1	369.19	4.2301	-.06165	.02355	.06905	.7070	.20087	3.5381
#2	370.96	4.3226	-.06078	.02488	.07179	.7139	.21123	3.4398
#3	370.98	4.2097	-.06108	.02142	.07117	.7129	.20453	3.4815

Sample Name: K1178-01MSDLX10 Acquired: 1/29/2019 14:56:31 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 259.49
 Stddev 1.51
 %RSD .58097

#1 257.91
 #2 259.64
 #3 260.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.5	39358.	3565.2	10.077	3327.8
Stddev	6.4	83.	60.8	.193	3.8
%RSD	.19152	.21009	1.7050	1.9190	.11271

#1	3348.8	39269.	3593.0	10.008	3332.1
#2	3349.5	39431.	3495.5	10.296	3325.2
#3	3338.1	39375.	3607.1	9.9284	3326.2

Sample Name: K1178-01MSDDLX10 Acquired: 1/29/2019 15:05:22 Type: Unk
Method: P4-ICP2(v2804) 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	.07366	.21592	.09740	.20008	.08773	35.855	.00292	.02439
Stddev	.00331	.00535	.00120	.00277	.00249	.031	.00505	.00022
%RSD	4.4888	2.4791	1.2315	1.3833	2.8370	.08719	172.76	.88610
#1	.07013	.20981	.09653	.19898	.08588	35.890	.00428	.02420
#2	.07668	.21979	.09877	.20323	.09056	35.844	.00715	.02463
#3	.07418	.21816	.09691	.19803	.08675	35.830	-.00267	.02435
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01520	97.370	.03711	.03470	.04206	145.90	2.7273	89.143
Stddev	.00023	.263	.00054	.00031	.00068	.38	.0031	.285
%RSD	1.5397	.27029	1.4591	.90442	1.6245	.26101	.11302	.31923
#1	.01502	97.671	.03729	.03484	.04158	146.10	2.7303	89.047
#2	.01546	97.183	.03753	.03492	.04284	145.46	2.7274	88.919
#3	.01512	97.256	.03650	.03434	.04176	146.13	2.7241	89.463
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06751	-.00500	19.925	.04166	.03969	29.169	.04111	.23243
Stddev	.00049	.00057	.045	.00023	.00023	.012	.00040	.01102
%RSD	.72552	11.493	.22670	.54952	.58265	.04041	.97502	4.7399
#1	.06712	-.00515	19.951	.04139	.03955	29.156	.04079	.24471
#2	.06736	-.00549	19.873	.04178	.03996	29.171	.04156	.22341
#3	.06806	-.00437	19.951	.04180	.03956	29.179	.04098	.22917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 374.09	4.3031	-.06153	.01910	.07354	.7180	.20969	3.3026
Stddev	1.18	.0055	.00122	.00139	.00101	.0018	.00132	.3562
%RSD	.31600	.12863	1.9800	7.2707	1.3761	.2438	.62765	10.786
#1	373.53	4.3023	-.06265	.02022	.07257	.7160	.21118	3.0701
#2	373.29	4.2979	-.06023	.01754	.07346	.7188	.20921	3.1249
#3	375.45	4.3089	-.06170	.01952	.07459	.7192	.20868	3.7127

Sample Name: K1178-01MSDDLX10 Acquired: 1/29/2019 15:05:22 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 263.56
Stddev	2.42
%RSD	.91911

#1	261.67
#2	266.29
#3	262.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.5	39100.	3519.3	9.2324	3329.3
Stddev	26.6	79.	13.0	1.0617	2.4
%RSD	.79878	.20131	.37049	11.500	.07138

#1	3354.3	39014.	3504.7	8.0065	3328.8
#2	3304.2	39118.	3529.7	9.8392	3332.0
#3	3345.1	39168.	3523.6	9.8514	3327.3

Sample Name: CCV03 Acquired: 1/29/2019 15:09:39 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1925	5.1553	5.1407	5.1743	5.2572	10.557	10.266	.25996
Stddev	.0201	.0160	.0109	.0201	.0018	.034	.030	.00104
%RSD	.38748	.31041	.21253	.38899	.03475	.32589	.29387	.40083
#1	5.1894	5.1571	5.1449	5.1652	5.2573	10.578	10.239	.26114
#2	5.2140	5.1703	5.1489	5.1974	5.2590	10.575	10.299	.25916
#3	5.1741	5.1384	5.1283	5.1604	5.2553	10.517	10.260	.25959
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5330	26.245	1.0083	2.5433	1.2910	5.0462	2.6162	25.066
Stddev	.0082	.150	.0016	.0073	.0043	.0363	.0053	.129
%RSD	.32521	.56998	.15451	.28701	.33571	.71861	.20056	.51566
#1	2.5361	26.146	1.0099	2.5451	1.2918	5.0052	2.6213	24.954
#2	2.5393	26.417	1.0067	2.5495	1.2949	5.0743	2.6108	25.037
#3	2.5237	26.172	1.0082	2.5353	1.2863	5.0589	2.6166	25.208
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5288	1.2696	24.881	2.5277	2.5549	25.317	5.1273	5.1508
Stddev	.0077	.0027	.045	.0068	.0087	.021	.0146	.0181
%RSD	.30336	.21669	.18033	.26807	.34169	.08308	.28378	.35220
#1	2.5306	1.2727	24.888	2.5311	2.5569	25.314	5.1296	5.1312
#2	2.5354	1.2674	24.833	2.5321	2.5624	25.299	5.1406	5.1541
#3	2.5204	1.2687	24.922	2.5199	2.5453	25.340	5.1117	5.1670
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1711	5.1882	4.9909	5.1404	5.2105	5.112	5.4452	F 5.7711
Stddev	.0352	.0310	.0093	.0333	.0048	.011	.0143	.0675
%RSD	.67979	.59831	.18661	.64754	.09247	.2147	.26193	1.1703
#1	5.2082	5.1524	4.9927	5.1061	5.2104	5.103	5.4463	5.8216
#2	5.1668	5.2066	4.9992	5.1426	5.2154	5.124	5.4589	5.7974
#3	5.1382	5.2056	4.9808	5.1725	5.2058	5.109	5.4304	5.6944

Sample Name: CCV03 Acquired: 1/29/2019 15:09:39 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.5505
 Stddev .0265
 %RSD 1.7069

#1 1.5791
 #2 1.5457
 #3 1.5268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.3	38368.	3429.4	8.3689	3418.5
Stddev	10.4	57.	10.5	1.4687	13.5
%RSD	.31631	.14939	.30644	17.549	.39444

#1	3289.0	38304.	3441.5	7.0751	3414.8
#2	3280.6	38413.	3423.1	9.9653	3407.2
#3	3301.3	38388.	3423.6	8.0663	3433.4

Sample Name: CCB03 Acquired: 1/29/2019 15:13:37 Type: Unk
Method: P4-ICP2(v2804) 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	-.00034	.00131	-.00190	.00013	.00012	.00548	-.00712
Stddev	.00235	.00081	.00074	.00095	.00228	.01108	.00320
%RSD	686.74	61.756	39.142	702.98	1976.5	201.95	44.938

#1	.00225	.00154	-.00104	.00031	-.00025	-.00447	-.00501
#2	-.00231	.00197	-.00235	-.00089	-.00196	.00350	-.01080
#3	-.00097	.00041	-.00232	.00098	.00255	.01742	-.00554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	.01327	.00009	-.00005	-.00019	.00549
Stddev	.00004	.00015	.01180	.00051	.00009	.00039	.00331
%RSD	73.177	2114.3	88.911	593.61	170.14	209.09	60.358

#1	-.00009	.00008	.00175	.00017	-.00014	-.00016	.00238
#2	-.00001	.00008	.02533	-.00046	-.00005	-.00059	.00511
#3	-.00005	-.00018	.01273	.00055	.00003	.00019	.00898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01942	.00075	.00007	-.03261	-.00029	-.00023
Stddev	.00003	.03458	.00045	.00033	.00545	.00009	.00008
%RSD	41.720	178.03	59.765	500.89	16.714	30.346	33.369

#1	.00004	.03241	.00090	.00044	-.03606	-.00030	-.00022
#2	.00009	.04563	.00109	-.00020	-.02632	-.00037	-.00015
#3	.00010	-.01977	.00024	-.00004	-.03543	-.00019	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18407	.00045	.00392	-.00938	.00705	-.00103	.00188
Stddev	.03148	.00013	.00262	.01648	.00210	.00065	.00209
%RSD	17.105	29.673	66.654	175.77	29.823	63.504	111.26

#1	.17654	.00050	.00091	.00913	.00635	-.00028	-.00051
#2	.15703	.00030	.00529	-.01478	.00941	-.00131	.00280
#3	.21863	.00055	.00557	-.02249	.00539	-.00149	.00335

Sample Name: CCB03 Acquired: 1/29/2019 15:13:37 Type: Unk
Method: P4-ICP2(v2804) 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	-.00457	.0019	.00015	F 2.0400	F<.00000
Stddev	.00081	.0008	.00002	.3050	.48048
%RSD	17.632	39.46	11.928	14.949	21.457
#1	-.00474	.0027	.00014	2.3732	-1.7410
#2	-.00369	.0017	.00014	1.7748	-2.6998
#3	-.00527	.0013	.00017	1.9720	-2.2769
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.4	40231.	3456.1	9.8644	3901.4
Stddev	26.1	119.	15.8	1.0158	10.5
%RSD	.75943	.29692	.45684	10.298	.26815
#1	3461.8	40093.	3441.9	8.7136	3892.7
#2	3410.2	40301.	3473.1	10.636	3913.0
#3	3443.1	40299.	3453.3	10.243	3898.6

Sample Name: K1178-01ADLX10 Acquired: 1/29/2019 15:18:05 Type: Unk
Method: P4-ICP2(v2804) 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	.07544	.21657	.09830	.19998	.08636	35.990	.00368	.02443
Stddev	.00276	.00304	.00082	.00267	.00021	.076	.00369	.00054
%RSD	3.6558	1.4058	.82990	1.3359	.24576	.21244	100.39	2.2146
#1	.07529	.21446	.09904	.20292	.08612	35.999	-.00058	.02498
#2	.07827	.22006	.09843	.19770	.08643	35.910	.00556	.02390
#3	.07276	.21518	.09742	.19931	.08652	36.062	.00605	.02442
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01532	97.357	.03733	.03476	.04135	145.61	2.7352	89.492
Stddev	.00026	.824	.00051	.00042	.00033	.99	.0021	.656
%RSD	1.6850	.84629	1.3647	1.2082	.80551	.68160	.07486	.73320
#1	.01559	96.796	.03752	.03524	.04120	144.76	2.7333	89.693
#2	.01529	96.972	.03675	.03456	.04112	145.37	2.7349	88.759
#3	.01508	98.303	.03772	.03448	.04173	146.70	2.7374	90.025
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06752	-.00441	19.995	.04163	.03998	29.058	.04098	.23595
Stddev	.00041	.00074	.065	.00026	.00037	.160	.00038	.00542
%RSD	.60460	16.717	.32719	.62211	.91888	.55126	.92466	2.2951
#1	.06726	-.00520	20.022	.04181	.04041	29.127	.04065	.24083
#2	.06731	-.00374	19.920	.04133	.03973	28.875	.04139	.23689
#3	.06799	-.00430	20.043	.04175	.03982	29.173	.04089	.23012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 375.95	4.2820	-.06339	.02204	.07315	.7175	.21022	2.9495
Stddev	2.24	.0332	.00098	.00289	.00150	.0014	.00201	.4227
%RSD	.59692	.77480	1.5498	13.136	2.0561	.1912	.95835	14.332
#1	378.35	4.2543	-.06392	.02142	.07221	.7189	.20946	2.4647
#2	375.60	4.2730	-.06400	.02519	.07489	.7175	.20870	3.2413
#3	373.91	4.3188	-.06226	.01950	.07236	.7161	.21251	3.1425

Sample Name: K1178-01ADLX10 Acquired: 1/29/2019 15:18:05 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 263.50
 Stddev 2.52
 %RSD .95771

#1 266.17
 #2 263.18
 #3 261.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.0	39297.	3544.9	9.6822	3314.0
Stddev	7.0	101.	10.7	.6156	12.9
%RSD	.20841	.25789	.30132	6.3578	.38827

#1	3330.5	39243.	3551.8	9.1693	3304.2
#2	3331.5	39235.	3550.3	9.5124	3309.3
#3	3343.0	39414.	3532.6	10.365	3328.6

Sample Name: K1178-04DLX10 Acquired: 1/29/2019 15:22:21 Type: Unk
Method: P4-ICP2(v2804) 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	-.00741	-.00401	-.01221	-.01379	-.00119	35.530	-.02021	.00227
Stddev	.00236	.00160	.00062	.00239	.00205	.112	.00456	.00006
%RSD	31.897	39.820	5.0764	17.365	172.20	.31585	22.570	2.6277
#1	-.00601	-.00219	-.01226	-.01403	-.00076	35.440	-.01495	.00228
#2	-.00608	-.00519	-.01156	-.01605	-.00342	35.655	-.02251	.00220
#3	-.01014	-.00464	-.01280	-.01128	.00061	35.493	-.02316	.00232
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00650	112.53	-.00472	.01269	.00886	148.22	2.8188	98.921
Stddev	.00020	.74	.00052	.00019	.00062	1.14	.0027	.124
%RSD	3.0691	.66088	11.095	1.4715	6.9495	.76832	.09496	.12514
#1	-.00672	113.36	-.00526	.01284	.00942	149.53	2.8213	98.949
#2	-.00633	112.31	-.00469	.01275	.00820	147.41	2.8191	99.029
#3	-.00647	111.92	-.00421	.01248	.00896	147.73	2.8160	98.786
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01211	-.01283	21.360	.00966	.01768	29.864	-.00178	.21193
Stddev	.00014	.00059	.079	.00016	.00023	.049	.00026	.00827
%RSD	1.1872	4.5719	.36793	1.6897	1.2844	.16504	14.370	3.9004
#1	.01209	-.01304	21.429	.00949	.01762	29.920	-.00202	.21791
#2	.01227	-.01217	21.377	.00967	.01793	29.844	-.00151	.20250
#3	.01199	-.01328	21.274	.00982	.01749	29.827	-.00182	.21537
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 399.44	4.5966	-.14594	-.00087	.05298	.0576	.22862	2.7068
Stddev	.87	.0405	.00089	.00262	.00206	.0012	.00115	.5150
%RSD	.21797	.88181	.61022	300.25	3.8898	2.134	.50095	19.027
#1	400.42	4.6427	-.14686	-.00114	.05536	.0563	.22986	2.3488
#2	399.15	4.5665	-.14588	-.00334	.05184	.0587	.22760	3.2971
#3	398.75	4.5806	-.14508	.00187	.05175	.0578	.22840	2.4746

Sample Name: K1178-04DLX10 Acquired: 1/29/2019 15:22:21 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 269.92
 Stddev 1.80
 %RSD .66675

#1 271.96
 #2 269.27
 #3 268.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3326.3	39277.	3536.2	8.9510	3304.5
Stddev	15.4	207.	31.8	1.0176	8.4
%RSD	.46157	.52645	.90022	11.368	.25454

#1	3322.4	39182.	3500.4	8.3114	3294.9
#2	3343.3	39135.	3546.6	8.4172	3308.0
#3	3313.3	39515.	3561.5	10.124	3310.7

Sample Name: K1011-09 Acquired: 1/29/2019 15:26:41 Type: Unk
Method: P4-ICP2(v2804) 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	.01212	-.08731	.21093	-.03513	.00234	148.24	.67176	.00534
Stddev	.00155	.00164	.00196	.00049	.00094	.38	.02070	.00025
%RSD	12.763	1.8793	.92822	1.3944	40.167	.25449	3.0810	4.7187
#1	.01037	-.08897	.21109	-.03502	.00126	147.96	.66910	.00513
#2	.01265	-.08569	.20889	-.03470	.00281	148.10	.69366	.00562
#3	.01333	-.08729	.21280	-.03566	.00295	148.67	.65252	.00527
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00362	97.002	.24621	.14455	.41802	214.33	4.2715	64.281
Stddev	.00022	1.406	.00072	.00054	.00211	3.23	.0083	.810
%RSD	5.9955	1.4492	.29276	.37136	.50431	1.5084	.19489	1.2602
#1	-.00356	96.506	.24578	.14399	.41769	213.55	4.2806	64.150
#2	-.00387	98.588	.24580	.14506	.41610	217.89	4.2694	65.148
#3	-.00345	95.912	.24704	.14460	.42027	211.57	4.2643	63.544
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22212	-.02936	9.6973	.53074	.59986	15.681	.00382	-.04500
Stddev	.00062	.00045	.1204	.00575	.00221	.177	.00030	.00707
%RSD	.27995	1.5330	1.2414	1.0828	.36858	1.1296	7.9435	15.709
#1	.22203	-.02914	9.7030	.52567	.60019	15.688	.00348	-.03942
#2	.22155	-.02906	9.8147	.52957	.60189	15.855	.00392	-.05295
#3	.22278	-.02988	9.5741	.53699	.59750	15.501	.00406	-.04263
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0128	1.7684	.01697	4.5582	.14973	8.760	.03792	<.00000
Stddev	.0208	.0206	.00092	.0219	.00193	.005	.00021	.08666
%RSD	.34657	1.1657	5.4124	.47952	1.2901	.0617	.54812	1.7555
#1	5.9926	1.7529	.01612	4.5384	.14758	8.765	.03770	-4.8561
#2	6.0342	1.7918	.01686	4.5816	.15028	8.754	.03793	-4.9254
#3	6.0117	1.7606	.01795	4.5545	.15133	8.760	.03812	-5.0283

Sample Name: K1011-09 Acquired: 1/29/2019 15:26:41 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 497.07
Stddev 3.17
%RSD .63860

#1 499.98
#2 493.68
#3 497.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.1	44064.	4075.4	9.2272	3244.4
Stddev	6.9	119.	52.3	.8303	16.6
%RSD	.18610	.26910	1.2825	8.9980	.51072

#1	3722.2	44154.	4090.0	8.7241	3247.7
#2	3711.2	44108.	4017.4	8.7719	3226.5
#3	3724.0	43930.	4118.9	10.186	3259.1

Sample Name: K1011-11 Acquired: 1/29/2019 15:31:08 Type: Unk
Method: P4-ICP2(v2804) 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	.01538	-.08037	.23425	-.03182	.00289	147.69	.62877	.00650
Stddev	.00028	.00175	.00124	.00232	.00220	.47	.00717	.00011
%RSD	1.8377	2.1773	.53051	7.2816	76.116	.31726	1.1410	1.6560
#1	.01506	-.08018	.23376	-.02940	.00037	147.30	.62338	.00638
#2	.01547	-.08221	.23333	-.03204	.00391	148.21	.63691	.00660
#3	.01560	-.07873	.23566	-.03402	.00439	147.56	.62601	.00651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	59.665	.24490	.13409	.35115	203.96	3.5346	53.262
Stddev	.00029	.307	.00067	.00068	.00112	1.15	.0053	.571
%RSD	8.2834	.51420	.27172	.51035	.31896	.56143	.15017	1.0721
#1	-.00361	59.648	.24431	.13486	.35043	204.44	3.5355	53.716
#2	-.00378	59.980	.24478	.13354	.35058	204.78	3.5394	53.449
#3	-.00321	59.368	.24562	.13387	.35244	202.65	3.5289	52.621
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22849	-.02598	8.1841	.46975	.60217	14.140	.00320	-.03741
Stddev	.00161	.00075	.0652	.00202	.00155	.088	.00016	.01180
%RSD	.70555	2.8795	.79610	.42983	.25765	.62542	4.9226	31.552
#1	.22994	-.02530	8.2153	.46758	.60191	14.183	.00332	-.04002
#2	.22879	-.02587	8.2277	.47157	.60077	14.199	.00302	-.02452
#3	.22675	-.02678	8.1092	.47012	.60384	14.038	.00325	-.04768
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9246	1.7972	.01922	3.9660	.16168	7.176	.00197	<.00000
Stddev	.0517	.0262	.00026	.0103	.00230	.012	.00140	.35120
%RSD	1.3160	1.4590	1.3597	.25876	1.4220	.1619	70.985	6.9350
#1	3.9370	1.8264	.01951	3.9588	.15976	7.189	.00113	-4.7927
#2	3.8679	1.7899	.01915	3.9777	.16104	7.173	.00119	-4.9391
#3	3.9689	1.7755	.01900	3.9615	.16423	7.167	.00359	-5.4608

Sample Name: K1011-11 Acquired: 1/29/2019 15:31:08 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 479.12
Stddev 1.90
%RSD .39758

#1 476.98
#2 479.73
#3 480.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.5	45104.	4158.2	10.060	3266.7
Stddev	5.0	96.	28.3	.518	3.9
%RSD	.12985	.21278	.68173	5.1484	.12015

#1	3821.1	45120.	4143.1	9.9667	3271.1
#2	3811.8	45002.	4140.7	9.5952	3265.1
#3	3813.6	45192.	4190.9	10.618	3263.8

Sample Name: K1250-02 Acquired: 1/29/2019 15:35:27 Type: Unk
Method: P4-ICP2(v2804) 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	.04291	-.04007	.88967	-.03516	.00482	116.85	1.1564	.00696
Stddev	.00220	.00089	.00389	.00075	.00199	.44	.0024	.00009
%RSD	5.1192	2.2158	.43765	2.1228	41.218	.37408	.20855	1.3354
#1	.04466	-.04038	.88925	-.03555	.00294	116.47	1.1540	.00686
#2	.04045	-.04077	.88601	-.03430	.00690	117.33	1.1588	.00703
#3	.04362	-.03907	.89376	-.03563	.00462	116.74	1.1564	.00700
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	493.61	.18497	.08442	1.1722	181.64	4.9344	272.54
Stddev	.00015	.41	.00063	.00069	.0063	1.00	.0222	1.17
%RSD	12.444	.08350	.34107	.82312	.53634	.55098	.45093	.42834
#1	.00135	493.66	.18530	.08371	1.1757	182.66	4.9095	272.53
#2	.00106	494.00	.18424	.08510	1.1760	181.60	4.9523	273.71
#3	.00125	493.18	.18536	.08445	1.1650	180.66	4.9412	271.38
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14834	-.02435	1.6230	.30892	.96975	6.1838	.00292	-.08801
Stddev	.00048	.00039	.0194	.00076	.00035	.0224	.00017	.00098
%RSD	.32503	1.5936	1.1984	.24737	.03624	.36291	5.9779	1.1188
#1	.14871	-.02391	1.6330	.30971	.97010	6.1581	.00304	-.08690
#2	.14780	-.02459	1.6353	.30819	.96976	6.1934	.00300	-.08833
#3	.14852	-.02457	1.6006	.30885	.96940	6.1998	.00272	-.08878
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2630	1.9162	.05042	1.6852	.14112	6.253	.13158	<.00000
Stddev	.1318	.0218	.00063	.0060	.00077	.015	.00035	.20329
%RSD	2.1046	1.1376	1.2580	.35383	.54531	.2330	.26467	15.500
#1	6.2083	1.9339	.04986	1.6909	.14186	6.263	.13130	-1.3897
#2	6.1673	1.9228	.05111	1.6856	.14033	6.237	.13197	-1.0807
#3	6.4133	1.8919	.05029	1.6790	.14118	6.260	.13147	-1.4641

Sample Name: K1250-02 Acquired: 1/29/2019 15:35:27 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 434.84
Stddev 2.25
%RSD .51767

#1 432.92
#2 434.29
#3 437.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.9	42122.	4048.3	8.5690	2873.8
Stddev	6.5	148.	23.9	.6083	4.5
%RSD	.18629	.35062	.59013	7.0986	.15501

#1	3487.4	42113.	4028.4	9.1136	2869.0
#2	3498.8	41978.	4041.8	8.6808	2877.8
#3	3498.6	42273.	4074.8	7.9125	2874.6

Sample Name: K1254-03 Acquired: 1/29/2019 16:11:29 Type: Unk
Method: P4-ICP2(v2804) 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	.20037	-.04951	.21306	-.11577	.00511	143.24	.46113	.01930
Stddev	.00179	.00134	.00160	.00498	.00204	.49	.00504	.00023
%RSD	.89374	2.7150	.75004	4.3038	39.787	.33873	1.0929	1.2071
#1	.20236	-.04837	.21375	-.12015	.00693	143.74	.46586	.01914
#2	.19890	-.05099	.21123	-.11681	.00291	142.77	.45583	.01920
#3	.19985	-.04918	.21419	-.11035	.00550	143.22	.46171	.01957
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00731	29.832	1.0763	.11266	.16283	398.75	2.6472	23.876
Stddev	.00013	.031	.0043	.00039	.00125	.50	.0040	.099
%RSD	1.7362	.10432	.40158	.34730	.76592	.12556	.14964	.41330
#1	.00717	29.857	1.0715	.11306	.16281	399.20	2.6450	23.960
#2	.00738	29.843	1.0799	.11228	.16159	398.21	2.6447	23.901
#3	.00739	29.797	1.0774	.11265	.16409	398.86	2.6517	23.767
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19850	-.06418	4.1592	.97560	1.2451	30.117	.00211	-.22293
Stddev	.00082	.00149	.0228	.00181	.0030	.147	.00017	.00325
%RSD	.41520	2.3142	.54760	.18567	.24082	.48762	7.9563	1.4587
#1	.19880	-.06550	4.1661	.97690	1.2470	30.284	.00214	-.22637
#2	.19756	-.06257	4.1777	.97353	1.2417	30.058	.00193	-.21991
#3	.19912	-.06447	4.1337	.97636	1.2467	30.008	.00227	-.22252
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6315	2.5472	.01851	1.5293	.08565	F 15.77	-.19578	<.00000
Stddev	.0245	.0088	.00036	.0078	.00286	.07	.00109	.16212
%RSD	1.5025	.34443	1.9251	.51277	3.3434	.4423	.55662	1.6652
#1	1.6575	2.5532	.01871	1.5351	.08861	15.81	-.19641	-9.9064
#2	1.6088	2.5371	.01871	1.5324	.08289	15.69	-.19452	-9.5836
#3	1.6282	2.5512	.01809	1.5203	.08545	15.80	-.19640	-9.7190

Sample Name: K1254-03 Acquired: 1/29/2019 16:11:29 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1244.9
 Stddev 4.7
 %RSD .37980

#1 1239.8
 #2 1249.2
 #3 1245.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.8	43945.	4087.9	11.593	3033.6
Stddev	4.8	117.	6.7	.898	7.6
%RSD	.13068	.26673	.16426	7.7499	.25042

#1	3702.5	43838.	4080.3	12.345	3027.5
#2	3712.1	44070.	4092.7	11.836	3042.1
#3	3708.7	43926.	4090.8	10.598	3031.3

Sample Name: K1255-01 Acquired: 1/29/2019 16:16:07 Type: Unk
Method: P4-ICP2(v2804) 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	.04982	-.02505	.29531	-.02219	.00796	336.93	1.7415	.00559
Stddev	.00089	.00211	.00029	.00125	.00075	1.82	.0221	.00006
%RSD	1.7900	8.4335	.09777	5.6211	9.3697	.54146	1.2679	1.0176
#1	.04887	-.02266	.29536	-.02335	.00882	337.95	1.7297	.00566
#2	.05063	-.02582	.29499	-.02087	.00757	338.01	1.7670	.00555
#3	.04997	-.02666	.29556	-.02237	.00750	334.82	1.7279	.00557
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	6.0665	.20459	.06356	.16274	110.83	.98899	16.001
Stddev	.00009	.0525	.00036	.00030	.00040	.98	.00233	.114
%RSD	3.0564	.86579	.17475	.46952	.24329	.88282	.23559	.71380
#1	-.00299	6.0196	.20458	.06366	.16229	109.85	.98933	15.886
#2	-.00312	6.1232	.20496	.06323	.16303	111.80	.99113	16.115
#3	-.00317	6.0568	.20424	.06380	.16289	110.85	.98651	16.003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16958	-.01171	5.4307	.25538	.43820	9.7560	.00069	-.01222
Stddev	.00098	.00074	.0659	.00099	.00102	.0337	.00024	.00477
%RSD	.57681	6.2929	1.2143	.38608	.23384	.34526	34.663	39.081
#1	.17007	-.01164	5.4002	.25444	.43926	9.7223	.00086	-.01770
#2	.17021	-.01101	5.5064	.25528	.43721	9.7897	.00078	-.01000
#3	.16845	-.01247	5.3856	.25641	.43813	9.7562	.00042	-.00895
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3590	2.1066	.01700	1.2850	.10378	1.987	-.03455	<.00000
Stddev	.0764	.0149	.00111	.0093	.00208	.003	.00095	.43050
%RSD	5.6211	.70660	6.5250	.72026	1.9999	.1389	2.7559	19.182
#1	1.4463	2.0924	.01827	1.2817	.10327	1.984	-.03358	-2.3075
#2	1.3267	2.1221	.01621	1.2955	.10200	1.988	-.03548	-1.7857
#3	1.3041	2.1055	.01652	1.2779	.10606	1.990	-.03458	-2.6397

Sample Name: K1255-01 Acquired: 1/29/2019 16:16:07 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 243.03
Stddev 1.44
%RSD .59159

#1 241.38
#2 244.04
#3 243.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.2	43221.	4141.4	9.4025	3277.0
Stddev	7.2	202.	39.7	.7271	10.5
%RSD	.19391	.46767	.95848	7.7328	.31920

#1	3727.2	43176.	4170.8	8.9651	3265.7
#2	3738.4	43046.	4096.3	9.0006	3286.2
#3	3725.0	43442.	4157.1	10.242	3279.2

Sample Name: PB116665BL Acquired: 1/29/2019 16:21:08 Type: Unk
Method: P4-ICP2(v2804) 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	-.00116	.00159	-.00198	.00155	.00108	.00957	-.01821
Stddev	.00134	.00070	.00127	.00158	.00049	.00275	.00420
%RSD	115.80	43.964	64.197	102.34	45.219	28.707	23.072

#1	.00002	.00226	-.00344	-.00014	.00054	.01265	-.02292
#2	-.00262	.00087	-.00122	.00299	.00148	.00867	-.01483
#3	-.00088	.00163	-.00126	.00179	.00123	.00738	-.01690

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00000	.00605	.00004	-.00004	-.00043	.00541
Stddev	.00004	.00004	.00916	.00025	.00018	.00044	.00103
%RSD	159.68	2551.8	151.55	564.16	485.65	101.03	19.117

#1	-.00001	.00003	.01136	.00030	.00009	-.00060	.00525
#2	-.00007	-.00005	-.00453	.00005	-.00024	.00006	.00446
#3	.00000	.00002	.01131	-.00021	.00004	-.00077	.00651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03819	.00098	.00015	-.04240	-.00012	-.00006
Stddev	.00005	.01222	.00039	.00030	.00397	.00028	.00006
%RSD	175.40	31.991	39.865	207.40	9.3713	237.63	98.683

#1	.00003	-.05160	.00118	.00015	-.04684	.00020	.00001
#2	-.00006	-.02769	.00053	-.00016	-.04120	-.00026	-.00008
#3	-.00005	-.03529	.00123	.00045	-.03917	-.00029	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20915	.00001	.00020	.00439	.00483	-.00096	.00006
Stddev	.01765	.00016	.00395	.03206	.00154	.00032	.00283
%RSD	8.4379	2214.6	2002.7	730.04	31.906	33.630	5035.0

#1	.19701	.00018	-.00428	-.01460	.00477	-.00130	-.00321
#2	.20105	-.00013	.00170	.04140	.00331	-.00066	.00164
#3	.22939	-.00003	.00318	-.01362	.00639	-.00093	.00173

Sample Name: PB116665BL Acquired: 1/29/2019 16:21:08 Type: Unk
Method: P4-ICP2(v2804) 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	-.00539	.0027	.00006	F 2.4543	F<.00000
Stddev	.00220	.0014	.00007	.1961	.70660
%RSD	40.847	51.99	110.06	7.9882	20.878

#1	-.00398	.0039	.00014	2.4267	-2.9596
#2	-.00426	.0012	.00004	2.6626	-2.9936
#3	-.00793	.0030	.00001	2.2734	-4.2001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.1	39427.	3475.5	9.7439	3818.9
Stddev	34.5	156.	19.5	.6723	9.4
%RSD	1.0344	.39688	.56025	6.8993	.24500

#1	3299.9	39262.	3473.0	10.477	3819.5
#2	3368.9	39448.	3457.5	9.1568	3827.9
#3	3333.5	39573.	3496.2	9.5977	3809.2

Sample Name: PB116690BS Acquired: 1/29/2019 16:25:36 Type: Unk
Method: P4-ICP2(v2804) 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	.77454	1.9826	.97867	1.9137	.83024	2.0661	.19415
Stddev	.00481	.0063	.00247	.0010	.00060	.0148	.00235
%RSD	.62080	.31889	.25210	.05078	.07286	.71712	1.2115

#1	.77614	1.9823	.98144	1.9138	.83091	2.0510	.19164
#2	.76913	1.9891	.97786	1.9126	.82974	2.0667	.19630
#3	.77834	1.9764	.97671	1.9146	.83007	2.0806	.19449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19655	.18668	1.0787	.40726	.19986	.31369	3.1465
Stddev	.00069	.00090	.0259	.00024	.00065	.00139	.0170
%RSD	.35325	.48315	2.4048	.05887	.32567	.44240	.54089

#1	.19582	.18700	1.0756	.40734	.20005	.31402	3.1380
#2	.19663	.18739	1.0544	.40699	.20040	.31216	3.1354
#3	.19720	.18567	1.1060	.40745	.19914	.31488	3.1661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21627	2.0311	.48708	.07121	3.0051	.30184	.18944
Stddev	.00033	.0236	.00172	.00035	.0047	.00041	.00113
%RSD	.15378	1.1641	.35264	.48890	.15786	.13642	.59619

#1	.21594	2.0106	.48805	.07086	2.9997	.30173	.18971
#2	.21628	2.0257	.48810	.07156	3.0076	.30149	.19041
#3	.21660	2.0570	.48510	.07120	3.0082	.30229	.18820

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.104	.42492	.29587	F -.02305	.92822	.66408	.21618
Stddev	.046	.00104	.00155	.00904	.00939	.00153	.00235
%RSD	.45648	.24468	.52547	39.230	1.0116	.23094	1.0867

#1	10.081	.42601	.29765	-.02014	.93165	.66560	.21456
#2	10.074	.42394	.29519	-.01582	.91760	.66411	.21887
#3	10.157	.42481	.29477	-.03319	.93542	.66253	.21510

Sample Name: PB116690BS Acquired: 1/29/2019 16:25:36 Type: Unk
Method: P4-ICP2(v2804) 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	.20650	5.165	.21773	F 2.7749	F 9.0399
Stddev	.00157	.023	.00140	.7087	.7320
%RSD	.75930	.4379	.64151	25.540	8.0978
#1	.20479	5.189	.21798	3.3269	8.7640
#2	.20686	5.164	.21623	1.9757	8.4859
#3	.20787	5.144	.21899	3.0220	9.8698
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.3	39856.	3435.2	9.0848	3761.2
Stddev	16.8	98.	21.6	1.4365	27.5
%RSD	.50133	.24668	.62849	15.812	.72993
#1	3340.2	39757.	3425.3	10.700	3735.7
#2	3372.2	39954.	3460.0	8.6045	3757.6
#3	3365.3	39856.	3420.4	7.9500	3790.3

Sample Name: K1254-01 Acquired: 1/29/2019 16:29:43 Type: Unk
Method: P4-ICP2(v2804) 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	.10231	-.02006	.11640	-.04862	.00246	109.44	.32506	.01090
Stddev	.00217	.00064	.00146	.00394	.00304	.60	.00359	.00008
%RSD	2.1241	3.1829	1.2566	8.0997	123.25	.55262	1.1029	.76857
#1	.10425	-.02070	.11512	-.04577	.00368	109.09	.32431	.01089
#2	.09996	-.01942	.11607	-.04697	-.00099	109.09	.32191	.01083
#3	.10272	-.02006	.11799	-.05311	.00470	110.14	.32896	.01099
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00566	5.8583	.64122	.05883	.11282	287.35	1.4599	12.250
Stddev	.00032	.0140	.00438	.00070	.00054	3.77	.0018	.109
%RSD	5.6999	.23880	.68304	1.1863	.47625	1.3111	.12066	.88796
#1	-.00581	5.8667	.64139	.05960	.11221	289.85	1.4602	12.326
#2	-.00589	5.8421	.64552	.05825	.11322	289.19	1.4615	12.126
#3	-.00529	5.8660	.63676	.05863	.11303	283.02	1.4580	12.299
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10152	-.02930	.15877	.58413	.60287	15.456	.00412	-.06077
Stddev	.00071	.00101	.01144	.00126	.00213	.056	.00044	.01166
%RSD	.69793	3.4574	7.2045	.21624	.35269	.36357	10.661	19.195
#1	.10099	-.02840	.17004	.58435	.60127	15.496	.00384	-.05412
#2	.10123	-.02910	.14717	.58526	.60206	15.392	.00390	-.05395
#3	.10232	-.03040	.15911	.58277	.60528	15.480	.00463	-.07424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1237	2.2871	.01792	.99945	.05336	8.110	-.27711	<.00000
Stddev	.0224	.0013	.00017	.00102	.00102	.009	.00409	.01411
%RSD	1.9903	.05685	.97139	.10156	1.9207	.1052	1.4755	.24309
#1	1.1314	2.2872	.01800	.99872	.05454	8.120	-.27945	-5.8006
#2	1.1412	2.2884	.01771	.99903	.05268	8.104	-.27949	-5.8219
#3	1.0985	2.2858	.01803	1.0006	.05286	8.106	-.27239	-5.7952

Sample Name: K1254-01 Acquired: 1/29/2019 16:29:43 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 680.17
 Stddev 1.14
 %RSD .16699

#1 681.47
 #2 679.40
 #3 679.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.4	43962.	3935.7	10.523	3336.1
Stddev	11.2	56.	9.5	.962	9.1
%RSD	.29836	.12796	.24229	9.1457	.27298

#1	3759.3	44009.	3924.7	9.5969	3344.0
#2	3737.2	43978.	3941.4	11.518	3338.1
#3	3745.7	43900.	3941.0	10.455	3326.1

Sample Name: CCV04 Acquired: 1/29/2019 16:34:06 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1524	5.1486	5.2211	5.0754	5.2340	10.435	9.9270	.26170
Stddev	.0082	.0153	.0227	.0118	.0056	.047	.0212	.00069
%RSD	.15894	.29686	.43490	.23189	.10682	.44931	.21355	.26315
#1	5.1535	5.1551	5.2329	5.0828	5.2399	10.382	9.9476	.26200
#2	5.1437	5.1312	5.1950	5.0619	5.2287	10.472	9.9283	.26218
#3	5.1599	5.1596	5.2355	5.0816	5.2335	10.452	9.9052	.26091
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5463	26.395	.99959	2.5647	1.2814	5.0520	2.6248	24.936
Stddev	.0098	.174	.00164	.0094	.0025	.0043	.0023	.166
%RSD	.38576	.65909	.16393	.36606	.19774	.08566	.08905	.66486
#1	2.5506	26.203	.99772	2.5701	1.2842	5.0488	2.6274	24.774
#2	2.5350	26.542	1.0003	2.5539	1.2794	5.0569	2.6244	24.928
#3	2.5532	26.440	1.0008	2.5702	1.2805	5.0503	2.6228	25.105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5138	1.2550	24.350	2.4722	2.5868	24.452	5.0204	5.1035
Stddev	.0085	.0035	.054	.0015	.0085	.035	.0160	.0175
%RSD	.33946	.27809	.22107	.06078	.32923	.14203	.31926	.34366
#1	2.5171	1.2589	24.406	2.4725	2.5916	24.491	5.0297	5.0845
#2	2.5041	1.2539	24.347	2.4736	2.5770	24.424	5.0019	5.1073
#3	2.5201	1.2521	24.298	2.4706	2.5919	24.441	5.0296	5.1189
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1341	5.1123	4.9067	5.1371	5.1542	5.022	5.4159	F 7.0703
Stddev	.0415	.0288	.0265	.0189	.0099	.015	.0182	.1144
%RSD	.80908	.56350	.53918	.36836	.19256	.2908	.33637	1.6180
#1	5.1809	5.0794	4.9240	5.1157	5.1638	5.032	5.4271	6.9401
#2	5.1017	5.1329	4.8763	5.1515	5.1549	5.005	5.4258	7.1158
#3	5.1197	5.1246	4.9200	5.1443	5.1439	5.028	5.3949	7.1550

Sample Name: CCV04 Acquired: 1/29/2019 16:34:06 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0244
Stddev	.4433
%RSD	43.269

#1	.61738
#2	1.4967
#3	.95920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.5	37319.	3297.8	8.7495	3320.9
Stddev	9.5	75.	9.5	1.2458	11.3
%RSD	.29517	.20153	.28807	14.239	.34133

#1	3191.6	37232.	3289.9	8.9653	3309.1
#2	3208.7	37364.	3295.3	7.4099	3331.7
#3	3207.0	37361.	3308.4	9.8733	3321.8

Sample Name: CCB04 Acquired: 1/29/2019 16:38:05 Type: Unk
Method: P4-ICP2(v2804) 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	.00202	.00165	-.00122	.00058	.00087	-.00354	-.00221
Stddev	.00047	.00058	.00025	.00273	.00117	.00350	.00310
%RSD	23.446	35.330	20.815	473.48	133.76	98.729	140.39

#1	.00157	.00210	-.00137	.00062	.00221	-.00404	.00099
#2	.00251	.00099	-.00092	.00329	.00011	.00018	-.00241
#3	.00196	.00187	-.00136	-.00218	.00029	-.00677	-.00521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	.01937	.00033	-.00009	.00017	.00353
Stddev	.00004	.00008	.01626	.00044	.00003	.00036	.00126
%RSD	204.94	738.00	83.915	132.81	28.712	215.68	35.784

#1	-.00006	.00002	.00063	.00010	-.00012	.00058	.00335
#2	.00001	.00005	.02786	.00006	-.00007	.00001	.00237
#3	-.00001	-.00010	.02963	.00084	-.00009	-.00009	.00488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02662	.00039	.00025	-.04464	.00018	-.00007
Stddev	.00003	.05402	.00010	.00011	.00910	.00031	.00008
%RSD	578.04	202.96	26.912	44.946	20.393	167.16	109.35

#1	-.00002	.04690	.00044	.00037	-.04573	.00046	-.00014
#2	-.00001	-.03461	.00046	.00019	-.05316	-.00015	.00001
#3	.00004	.06756	.00027	.00017	-.03505	.00024	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06528	.00030	.00510	F -.02666	.00524	-.00085	.00069
Stddev	.02069	.00011	.00754	.01233	.00256	.00054	.00241
%RSD	31.698	35.374	147.90	46.261	48.785	62.940	348.91

#1	.08572	.00033	.00083	-.01439	.00368	-.00026	.00213
#2	.06579	.00019	.00066	-.03905	.00820	-.00101	-.00209
#3	.04434	.00040	.01380	-.02653	.00385	-.00129	.00203

Sample Name: CCB04 Acquired: 1/29/2019 16:38:05 Type: Unk
 Method: P4-ICP2(v2804) 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	.00006	.0001	.00001	F 2.4027	F<.00000
Stddev	.00141	.0010	.00006	.5484	1.4176
%RSD	2325.3	1536.	499.90	22.823	76.959
#1	.00143	-.0010	.00008	2.1192	-1.7981
#2	-.00139	.0007	-.00002	2.0541	-3.2812
#3	.00014	.0005	-.00003	3.0348	-.44692
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.1	39617.	3345.6	9.6818	3851.6
Stddev	21.2	118.	32.6	.2648	13.6
%RSD	.62382	.29812	.97491	2.7354	.35252
#1	3424.4	39567.	3326.1	9.4136	3862.2
#2	3382.0	39752.	3327.5	9.6886	3836.3
#3	3405.8	39532.	3383.3	9.9432	3856.4

Sample Name: PB116665TB Acquired: 1/29/2019 16:42:32 Type: Unk
Method: P4-ICP2(v2804) 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	-.00206	-.00025	.00087	.00329	.00111	.00991	-.00894
Stddev	.00141	.00137	.00035	.00126	.00110	.00330	.00856
%RSD	68.413	547.62	40.517	38.197	99.811	33.296	95.683

#1	-.00359	.00097	.00107	.00184	.00186	.00756	-.00644
#2	-.00178	-.00173	.00106	.00391	-.00016	.01368	-.00192
#3	-.00081	.00000	.00046	.00412	.00162	.00848	-.01847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00008	.00290	.00107	-.00035	-.00015	.00657
Stddev	.00003	.00012	.00841	.00026	.00010	.00047	.00241
%RSD	70.020	139.69	290.07	24.548	28.544	309.60	36.665

#1	-.00003	.00005	-.00093	.00082	-.00044	-.00068	.00379
#2	-.00001	-.00018	-.00291	.00135	-.00036	.00023	.00793
#3	-.00006	-.00012	.01254	.00105	-.00025	-.00000	.00799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.01281	.00251	.00168	F 248.83	.00005	.00127
Stddev	.00003	.02270	.00023	.00063	.98	.00013	.00013
%RSD	27.417	177.21	9.3608	37.408	.39370	238.85	10.040

#1	.00008	.01336	.00275	.00225	249.81	-.00008	.00141
#2	.00014	-.02463	.00248	.00101	248.85	.00006	.00123
#3	.00011	-.02717	.00229	.00177	247.85	.00018	.00117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20021	.00011	.00684	F -.01298	.00906	.00067	-.00026
Stddev	.04149	.00024	.00307	.01498	.00155	.00097	.00040
%RSD	20.721	231.11	44.878	115.37	17.106	146.37	155.08

#1	.16493	-.00004	.00664	.00071	.00729	.00056	-.00012
#2	.24591	.00039	.01000	-.02898	.01018	-.00025	-.00070
#3	.18978	-.00003	.00387	-.01067	.00971	.00169	.00006

Sample Name: PB116665TB Acquired: 1/29/2019 16:42:32 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	.0010	-.00006	4.5195	<.00000
Stddev	.00270	.0014	.00003	.4467	1.1785
%RSD	67.562	150.0	49.469	9.8831	34.927
#1	-.00383	.0001	-.00003	4.5374	-2.3603
#2	-.00677	.0002	-.00006	4.9570	-4.6672
#3	-.00138	.0026	-.00008	4.0642	-3.0950
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.5	38349.	3364.8	8.4962	3451.1
Stddev	22.0	151.	12.2	.9603	17.7
%RSD	.66770	.39462	.36246	11.303	.51384
#1	3280.8	38248.	3350.8	8.0114	3436.1
#2	3287.1	38275.	3370.4	7.8750	3446.6
#3	3321.7	38523.	3373.2	9.6023	3470.7

Sample Name: PB116681BL Acquired: 1/29/2019 16:47:09 Type: Unk
Method: P4-ICP2(v2804) 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	-.00039	.00061	-.00161	-.00005	.00088	.00912	.00403
Stddev	.00182	.00072	.00042	.00171	.00094	.01187	.00402
%RSD	469.95	117.77	26.095	3582.9	105.92	130.10	99.731

#1	-.00051	.00028	-.00122	-.00185	-.00013	.02274	.00461
#2	.00149	.00011	-.00206	.00156	.00171	.00094	.00773
#3	-.00215	.00143	-.00156	.00015	.00107	.00370	-.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	.00927	.00001	-.00000	.00030	.00121
Stddev	.00002	.00009	.00795	.00034	.00013	.00006	.00410
%RSD	168.00	164.88	85.768	2712.3	3889.1	20.612	338.54

#1	-.00002	-.00016	.00677	.00004	-.00007	.00033	.00262
#2	-.00003	.00002	.00287	-.00034	.00015	.00034	-.00341
#3	.00001	-.00003	.01817	.00033	-.00008	.00023	.00441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03592	.00054	.00033	.05525	.00009	-.00020
Stddev	.00002	.06432	.00019	.00022	.00739	.00013	.00009
%RSD	199.69	179.07	34.218	67.657	13.375	144.13	44.420

#1	-.00004	.03607	.00062	.00032	.05675	-.00006	-.00030
#2	-.00000	-.08774	.00068	.00011	.06177	.00017	-.00013
#3	.00000	-.05608	.00033	.00056	.04722	.00015	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07521	.00025	-.00405	-.00511	.00360	-.00094	.00017
Stddev	.04966	.00010	.00533	.01830	.00285	.00029	.00095
%RSD	66.025	40.791	131.56	357.95	79.031	30.999	551.52

#1	.05804	.00029	-.00200	.00571	.00054	-.00094	-.00056
#2	.13118	.00014	-.01011	.00519	.00410	-.00123	.00124
#3	.03642	.00033	-.00005	-.02624	.00617	-.00065	-.00016

Sample Name: PB116681BL Acquired: 1/29/2019 16:47:09 Type: Unk
Method: P4-ICP2(v2804) 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	.00043	.0005	-.00006	F 1.9805	F<.00000
Stddev	.00135	.0007	.00004	.4846	.33282
%RSD	315.77	141.8	64.009	24.469	20.764

#1	.00016	-.0001	-.00009	1.5407	-1.7337
#2	.00190	.0012	-.00006	2.5000	-1.8504
#3	-.00077	.0003	-.00002	1.9008	-1.2245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.4	40145.	3358.7	9.3038	3859.1
Stddev	10.1	54.	13.0	.5141	15.1
%RSD	.29567	.13334	.38613	5.5259	.39167

#1	3407.1	40087.	3359.6	8.9136	3844.7
#2	3410.2	40155.	3345.3	9.1114	3874.8
#3	3425.9	40192.	3371.2	9.8864	3857.9

Sample Name: PB116681BS Acquired: 1/29/2019 16:51:38 Type: Unk
Method: P4-ICP2(v2804) 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	.67044	1.7657	.87076	1.6537	.71935	1.8354	.16623
Stddev	.00137	.0054	.00276	.0063	.00338	.1267	.00271
%RSD	.20373	.30568	.31733	.38205	.46956	6.9006	1.6327

#1	.67130	1.7683	.87129	1.6608	.72306	1.7640	.16676
#2	.66887	1.7595	.86777	1.6486	.71644	1.9816	.16864
#3	.67115	1.7694	.87322	1.6518	.71856	1.7605	.16329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17107	.16604	.95528	.35897	.17675	.27666	2.8803
Stddev	.00013	.00059	.01822	.00124	.00061	.00075	.0090
%RSD	.07655	.35242	1.9069	.34543	.34464	.27147	.31256

#1	.17115	.16664	.93433	.35758	.17722	.27691	2.8720
#2	.17114	.16547	.96740	.35938	.17606	.27582	2.8791
#3	.17092	.16602	.96411	.35996	.17698	.27725	2.8899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19014	1.8236	.43071	.06226	2.6715	.26410	.16712
Stddev	.00055	.0385	.00212	.00028	.0118	.00048	.00072
%RSD	.28930	2.1117	.49129	.44903	.43996	.18211	.42866

#1	.19054	1.8512	.43258	.06201	2.6843	.26451	.16780
#2	.18952	1.7796	.42841	.06256	2.6691	.26422	.16637
#3	.19037	1.8400	.43113	.06220	2.6611	.26357	.16720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8399	.37290	.26701	F -.03006	.83725	.58927	.18821
Stddev	.0882	.00188	.00581	.01673	.00287	.00496	.00260
%RSD	.99796	.50282	2.1764	55.671	.34273	.84217	1.3809

#1	8.8059	.37398	.27027	-.01410	.83418	.59278	.18523
#2	8.9400	.37074	.27046	-.04747	.83986	.58360	.18939
#3	8.7737	.37399	.26030	-.02860	.83771	.59144	.19002

Sample Name: PB116681BS Acquired: 1/29/2019 16:51:38 Type: Unk
Method: P4-ICP2(v2804) 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	.18406	F 4.527	.18962	F<.00000	F 8.6959
Stddev	.00013	.021	.00107	.58589	.6971
%RSD	.07048	.4613	.56526	148.54	8.0169

#1	.18407	4.547	.18941	.27126	8.4451
#2	.18393	4.505	.19078	-.83177	8.1588
#3	.18419	4.528	.18867	-.62276	9.4837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.7	42252.	3524.9	9.1500	3977.3
Stddev	10.9	205.	5.4	.6166	5.7
%RSD	.30446	.48556	.15374	6.7389	.14439

#1	3563.5	42018.	3528.4	9.4795	3971.6
#2	3582.3	42401.	3527.6	8.4386	3983.1
#3	3563.4	42338.	3518.6	9.5318	3977.1

Sample Name: PB116690BL Acquired: 1/29/2019 16:55:45 Type: Unk
Method: P4-ICP2(v2804) 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	.00107	.00125	-.00119	.00032	-.00063	.01588	.00033
Stddev	.00048	.00023	.00043	.00064	.00181	.00426	.00011
%RSD	45.238	18.495	36.181	200.54	287.00	26.832	35.004

#1	.00053	.00104	-.00069	-.00035	-.00254	.01283	.00028
#2	.00122	.00150	-.00141	.00039	.00106	.02075	.00024
#3	.00146	.00120	-.00146	.00092	-.00042	.01407	.00046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	.00801	.00041	.00005	-.00036	.00563
Stddev	.00009	.00002	.02579	.00032	.00007	.00022	.00162
%RSD	181.72	237.56	321.91	77.953	149.87	62.913	28.718

#1	.00002	-.00001	-.02126	.00035	.00012	-.00027	.00513
#2	-.00016	.00001	.02739	.00012	.00004	-.00061	.00433
#3	-.00002	-.00002	.01791	.00075	-.00002	-.00019	.00744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01964	.00020	.00033	-.03719	.00011	-.00030
Stddev	.00003	.04028	.00012	.00020	.00565	.00002	.00010
%RSD	1856.5	205.12	60.949	61.749	15.201	14.505	32.909

#1	.00001	.02679	.00021	.00042	-.03413	.00013	-.00036
#2	.00002	-.04041	.00031	.00010	-.03373	.00010	-.00019
#3	-.00003	-.04528	.00007	.00047	-.04372	.00011	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07549	.00001	-.00513	F -.02525	.00107	-.00105	-.00038
Stddev	.00439	.00014	.00395	.01672	.00230	.00042	.00147
%RSD	5.8198	1200.7	76.973	66.232	214.70	39.854	386.34

#1	.07431	.00015	-.00446	-.04389	.00061	-.00109	.00126
#2	.08036	-.00014	-.00156	-.01158	.00357	-.00061	-.00081
#3	.07181	.00002	-.00938	-.02026	-.00096	-.00144	-.00158

Sample Name: PB116690BL Acquired: 1/29/2019 16:55:45 Type: Unk
Method: P4-ICP2(v2804) 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	-.00478	.0008	.00001	F 1.1194	F<.00000
Stddev	.00177	.0024	.00002	.9029	.39106
%RSD	37.078	307.1	180.22	80.656	26.258
#1	-.00601	-.0013	.00002	.08804	-1.9304
#2	-.00559	.0034	.00003	1.7669	-1.1852
#3	-.00275	.0003	-.00001	1.5033	-1.3523
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.5	40390.	3397.5	9.7205	3869.4
Stddev	9.7	517.	13.0	1.1847	14.7
%RSD	.28273	1.2808	.38211	12.188	.37949
#1	3432.9	40972.	3405.6	9.8477	3864.8
#2	3432.8	39981.	3404.5	10.836	3857.6
#3	3449.7	40218.	3382.6	8.4773	3885.8

Sample Name: PB116678BS Acquired: 1/29/2019 17:00:15 Type: Unk
Method: P4-ICP2(v2804) 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	.68121	1.8013	.88083	1.7089	.70706	1.7459	.18328
Stddev	.01158	.0475	.02227	.0327	.01423	.0158	.00692
%RSD	1.6994	2.6380	2.5277	1.9134	2.0124	.90216	3.7733

#1	.69146	1.8431	.90220	1.7295	.71976	1.7421	.18555
#2	.68351	1.8112	.88253	1.7261	.70973	1.7632	.18879
#3	.66865	1.7497	.85777	1.6712	.69168	1.7324	.17552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18000	F .16860	.97319	.36001	.17642	.27866	2.9156
Stddev	.00033	.00425	.01037	.00125	.00462	.00424	.0341
%RSD	.18314	2.5235	1.0661	.34727	2.6205	1.5226	1.1693

#1	.17981	.17254	.96252	.35961	.18075	.28183	2.9263
#2	.17981	.16916	.98324	.35901	.17695	.28032	2.8775
#3	.18038	.16409	.97382	.36141	.17155	.27384	2.9431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19157	1.8261	.43355	.06435	2.6632	.26302	.17128
Stddev	.00073	.1060	.01068	.00075	.0222	.00117	.00468
%RSD	.38014	5.8025	2.4625	1.1660	.83217	.44449	2.7312

#1	.19107	1.7046	.44356	.06494	2.6426	.26248	.17579
#2	.19241	1.8743	.43478	.06350	2.6604	.26222	.17161
#3	.19124	1.8993	.42232	.06460	2.6867	.26436	.16645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8710	.35198	.26200	F -.04744	.85191	F .58300	.18489
Stddev	.0581	.00542	.00579	.02468	.00140	.01483	.00238
%RSD	.65455	1.5401	2.2093	52.018	.16453	2.5440	1.2858

#1	8.9158	.35489	.26725	-.02321	.85341	.59827	.18527
#2	8.8054	.35532	.25579	-.07254	.85167	.58207	.18234
#3	8.8918	.34572	.26296	-.04657	.85064	.56865	.18705

Sample Name: PB116678BS Acquired: 1/29/2019 17:00:15 Type: Unk
Method: P4-ICP2(v2804) 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	.18400	F 4.665	.18978	F 2.4537	F 8.3082
Stddev	.00438	.120	.00018	.2037	.9987
%RSD	2.3812	2.582	.09729	8.3033	12.021
#1	.18741	4.776	.18999	2.6883	7.3533
#2	.17906	4.682	.18965	2.3209	9.3456
#3	.18553	4.537	.18969	2.3519	8.2257
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.0	39885.	3314.4	8.6008	3781.6
Stddev	41.3	94.	29.4	.1397	76.9
%RSD	1.2078	.23646	.88657	1.6238	2.0328
#1	3406.3	39785.	3307.5	8.7545	3712.9
#2	3392.7	39897.	3346.6	8.4818	3767.2
#3	3470.1	39973.	3289.0	8.5659	3864.6

Sample Name: PB116691BL Acquired: 1/29/2019 17:04:23 Type: Unk
Method: P4-ICP2(v2804) 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	.00020	.00078	-.00099	-.00039	.00059	.00707	.00867
Stddev	.00193	.00086	.00102	.00203	.00090	.00606	.00471
%RSD	979.86	110.86	103.30	514.93	150.63	85.687	54.291

#1	.00221	.00168	-.00215	.00015	-.00005	.00574	.00408
#2	-.00165	-.00003	-.00062	.00130	.00021	.00179	.01348
#3	.00003	.00069	-.00021	-.00264	.00162	.01368	.00845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00007	.01893	.00012	.00020	-.00034	.00240
Stddev	.00004	.00006	.01016	.00023	.00018	.00036	.00334
%RSD	32.009	92.355	53.672	187.88	89.494	104.54	138.96

#1	-.00007	.00000	.01538	.00001	.00041	.00004	.00414
#2	-.00015	-.00010	.01102	-.00003	.00008	-.00067	.00451
#3	-.00012	-.00010	.03038	.00039	.00011	-.00040	-.00145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.04588	.00034	.00033	-.05698	.00011	-.00041
Stddev	.00005	.06281	.00013	.00050	.00080	.00043	.00012
%RSD	708.31	136.89	38.558	153.35	1.4103	385.66	28.614

#1	-.00000	-.00151	.00041	-.00024	-.05650	-.00038	-.00048
#2	-.00006	-.11776	.00019	.00053	-.05654	.00039	-.00047
#3	.00004	-.01839	.00043	.00070	-.05791	.00032	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02142	.00008	-.00346	F -.01247	-.00068	-.00087	-.00078
Stddev	.01004	.00007	.00271	.00752	.00193	.00050	.00202
%RSD	46.855	84.142	78.313	60.328	283.21	57.375	259.10

#1	.03296	.00001	-.00033	-.01184	.00131	-.00035	-.00087
#2	.01651	.00014	-.00492	-.00528	-.00080	-.00134	.00128
#3	.01478	.00009	-.00514	-.02028	-.00255	-.00090	-.00275

Sample Name: PB116691BL Acquired: 1/29/2019 17:04:23 Type: Unk
 Method: P4-ICP2(v2804) 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	-.00057	.0018	.00009	F 2.6682	F<.00000
Stddev	.00103	.0006	.00013	.5019	.52679
%RSD	179.91	35.86	138.41	18.809	27.651
#1	-.00166	.0024	.00012	3.1754	-1.3050
#2	-.00045	.0018	.00020	2.6573	-2.1192
#3	.00039	.0011	-.00005	2.1718	-2.2912
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.7	39580.	3283.7	8.5159	3798.0
Stddev	5.1	106.	27.5	.9534	29.7
%RSD	.15319	.26825	.83887	11.196	.78255
#1	3348.9	39479.	3272.1	9.6159	3774.7
#2	3356.9	39690.	3263.9	8.0045	3787.9
#3	3358.4	39571.	3315.2	7.9273	3831.5

Sample Name: PB116691BS Acquired: 1/29/2019 17:08:52 Type: Unk
Method: P4-ICP2(v2804) 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	.66939	1.7450	.86278	1.6405	.81641	1.7152	.17237
Stddev	.00280	.0048	.00492	.0095	.00375	.0271	.00661
%RSD	.41851	.27513	.57029	.57981	.45969	1.5769	3.8341

#1	.66661	1.7459	.86495	1.6424	.81346	1.7255	.17527
#2	.66934	1.7399	.85714	1.6301	.81514	1.7356	.17703
#3	.67221	1.7494	.86624	1.6488	.82064	1.6845	.16481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16820	.16410	.96518	.35400	.17502	.27396	2.8744
Stddev	.00048	.00059	.01765	.00017	.00041	.00162	.0319
%RSD	.28746	.36243	1.8287	.04906	.23187	.59264	1.1093

#1	.16788	.16439	.95367	.35394	.17505	.27468	2.8649
#2	.16796	.16342	.98550	.35387	.17459	.27210	2.8484
#3	.16875	.16450	.95636	.35420	.17540	.27510	2.9100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18852	1.8078	.42621	.06129	2.6088	.26149	.16442
Stddev	.00049	.0176	.00211	.00059	.0075	.00061	.00089
%RSD	.26098	.97070	.49521	.96428	.28685	.23226	.54015

#1	.18826	1.8032	.42603	.06131	2.6160	.26219	.16394
#2	.18909	1.8272	.42420	.06070	2.6095	.26109	.16388
#3	.18822	1.7930	.42841	.06188	2.6010	.26119	.16545

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7985	.42502	.27268	F -.04109	.94418	.66738	.21579
Stddev	.0393	.00141	.00711	.01460	.01836	.00259	.00154
%RSD	.44640	.33127	2.6088	35.527	1.9446	.38757	.71211

#1	8.7977	.42546	.27924	-.05248	.93302	.66860	.21607
#2	8.8381	.42344	.26512	-.04615	.93416	.66440	.21413
#3	8.7596	.42616	.27369	-.02463	.96537	.66912	.21716

Sample Name: PB116691BS Acquired: 1/29/2019 17:08:52 Type: Unk
Method: P4-ICP2(v2804) 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	.18132	F 4.486	.18883	.90329	F 8.5917
Stddev	.00113	.022	.00024	.19509	.2821
%RSD	.62497	.4975	.12505	21.597	3.2835
#1	.18251	4.496	.18867	1.1203	8.9051
#2	.18026	4.460	.18873	.84713	8.3581
#3	.18118	4.501	.18910	.74244	8.5118
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.8	41844.	3463.2	8.7417	3930.4
Stddev	8.3	123.	41.0	1.1257	9.7
%RSD	.23546	.29389	1.1842	12.878	.24794
#1	3503.3	41702.	3451.7	8.3159	3919.6
#2	3518.6	41903.	3508.8	10.018	3938.5
#3	3516.5	41925.	3429.2	7.8909	3933.0

Sample Name: PB116691TB Acquired: 1/29/2019 17:12:58 Type: Unk
Method: P4-ICP2(v2804) 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	-.00343	-.00047	-.00138	.00313	.00169	.01379	-.01524
Stddev	.00190	.00198	.00074	.00183	.00050	.01694	.00191
%RSD	55.356	421.25	53.974	58.644	29.493	122.87	12.544

#1	-.00525	-.00181	-.00210	.00102	.00226	.01682	-.01511
#2	-.00147	.00180	-.00061	.00400	.00144	-.00447	-.01340
#3	-.00356	-.00140	-.00142	.00435	.00136	.02900	-.01721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00011	.00330	.00048	-.00031	.00046	.00898
Stddev	.00001	.00007	.01950	.00017	.00019	.00036	.00158
%RSD	13.138	59.703	590.06	36.457	60.810	78.207	17.582

#1	-.00006	-.00011	-.01544	.00029	-.00031	.00077	.00966
#2	-.00005	-.00018	.02348	.00064	-.00012	.00055	.01011
#3	-.00005	-.00005	.00187	.00050	-.00050	.00007	.00718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00266	.00401	.00352	F 401.24	.00022	.00054
Stddev	.00005	.02565	.00015	.00028	7.97	.00040	.00003
%RSD	41.404	964.47	3.6417	7.9849	1.9876	184.27	5.7427

#1	.00018	.02799	.00389	.00368	404.35	.00049	.00053
#2	.00007	-.02330	.00417	.00319	407.20	.00041	.00057
#3	.00014	.00329	.00395	.00368	392.18	-.00024	.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27996	.00024	-.00404	F -.02361	.00664	.00049	.00345
Stddev	.04690	.00017	.00273	.01933	.00235	.00070	.00175
%RSD	16.751	69.133	67.424	81.875	35.400	143.87	50.733

#1	.24266	.00006	-.00104	-.00196	.00681	-.00031	.00273
#2	.26461	.00027	-.00472	-.02975	.00889	.00077	.00544
#3	.33260	.00039	-.00637	-.03913	.00420	.00100	.00218

Sample Name: PB116691TB Acquired: 1/29/2019 17:12:58 Type: Unk
Method: P4-ICP2(v2804) 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	-.00215	.0011	.00003	3.7843	<.00000
Stddev	.00135	.0007	.00003	.6080	.84434
%RSD	63.117	63.91	112.59	16.065	19.398
#1	-.00059	.0003	.00006	4.3434	-3.3952
#2	-.00278	.0014	.00003	3.1371	-4.9905
#3	-.00306	.0017	-.00000	3.8724	-4.6722
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.3	39430.	3452.1	9.9879	3617.4
Stddev	37.6	322.	29.4	.1300	39.8
%RSD	1.0883	.81656	.85293	1.3011	1.1001
#1	3415.4	39067.	3444.6	9.8455	3583.4
#2	3451.1	39543.	3427.2	10.018	3607.6
#3	3490.5	39680.	3484.6	10.100	3661.2

Sample Name: PB116678BL Acquired: 1/29/2019 17:17:35 Type: Unk
Method: P4-ICP2(v2804) 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	.00053	.00113	-.00267	.00127	.00088	.00847	-.00891
Stddev	.00092	.00161	.00081	.00299	.00124	.00633	.00552
%RSD	172.75	142.75	30.238	235.10	140.21	74.725	61.906

#1	.00108	.00149	-.00250	.00056	.00030	.01467	-.00330
#2	.00103	-.00063	-.00195	.00456	.00231	.00872	-.01433
#3	-.00053	.00252	-.00354	-.00130	.00004	.00202	-.00910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00005	.00483	.00015	.00001	.00002	.00437
Stddev	.00003	.00005	.01560	.00028	.00006	.00012	.00557
%RSD	147.45	105.43	322.86	183.63	470.47	719.21	127.48

#1	.00001	-.00003	.02134	.00016	.00000	.00015	.00010
#2	-.00001	-.00001	-.00967	-.00013	.00007	-.00003	.01067
#3	-.00005	-.00011	.00283	.00043	-.00004	-.00008	.00234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00524	.00065	.00040	.10868	.00007	-.00008
Stddev	.00004	.03402	.00008	.00020	.00776	.00006	.00003
%RSD	45.723	648.74	12.264	49.414	7.1375	90.581	32.182

#1	.00012	.02995	.00066	.00042	.11751	.00014	-.00010
#2	.00006	-.00772	.00071	.00019	.10297	.00006	-.00008
#3	.00005	-.03797	.00056	.00059	.10556	.00001	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09514	.00010	-.00782	F -.01334	-.00405	-.00114	.00162
Stddev	.05541	.00004	.00228	.00799	.00176	.00041	.00270
%RSD	58.237	39.091	29.166	59.885	43.397	35.738	166.33

#1	.15348	.00007	-.01032	-.02113	-.00514	-.00121	-.00028
#2	.08873	.00009	-.00730	-.01373	-.00499	-.00070	.00044
#3	.04322	.00015	-.00585	-.00516	-.00202	-.00150	.00471

Sample Name: PB116678BL Acquired: 1/29/2019 17:17:35 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00284	-0.0015	-0.00003	F<.00000	F .14813
Stddev	.00193	.0008	.00007	.70204	.29285
%RSD	67.918	51.28	204.09	40.523	197.70

#1	-0.00502	-0.0020	.00000	-2.3171	-.17934
#2	-0.00215	-0.0020	-0.00011	-.95381	.23882
#3	-0.00135	-0.0006	.00001	-1.9264	.38491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.8	43142.	3481.5	9.8121	4178.9
Stddev	32.0	41.	15.8	.7816	34.6
%RSD	.86379	.09514	.45301	7.9655	.82854

#1	3683.7	43133.	3484.3	8.9750	4161.8
#2	3686.9	43106.	3464.6	10.523	4156.3
#3	3740.6	43186.	3495.8	9.9386	4218.8

Sample Name: PB116665BS Acquired: 1/29/2019 17:27:57 Type: Unk
Method: P4-ICP2(v2804) 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	F .67165	1.7780	.87865	F 1.6658	.68283	F 1.6833	F .16828
Stddev	.00089	.0038	.00303	.0069	.00122	.0111	.00330
%RSD	.13287	.21362	.34530	.41691	.17817	.65953	1.9631

#1	.67255	1.7815	.88034	1.6710	.68423	1.6707	.17085
#2	.67163	1.7739	.87515	1.6684	.68223	1.6879	.16455
#3	.67077	1.7786	.88047	1.6579	.68203	1.6914	.16943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17522	F .16779	.91994	.34903	.17417	.27453	2.9230
Stddev	.00028	.00034	.01934	.00089	.00033	.00009	.0165
%RSD	.16072	.20269	2.1021	.25568	.18840	.03286	.56439

#1	.17546	.16797	.93833	.34830	.17418	.27445	2.9399
#2	.17491	.16740	.92171	.35002	.17384	.27451	2.9069
#3	.17529	.16800	.89977	.34876	.17450	.27462	2.9223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18701	1.7542	.42673	F .06286	2.6174	.25525	.17003
Stddev	.00025	.0166	.00026	.00060	.0081	.00161	.00025
%RSD	.13330	.94711	.06183	.95042	.30813	.62932	.14439

#1	.18672	1.7351	.42703	.06312	2.6116	.25416	.17015
#2	.18716	1.7648	.42659	.06218	2.6266	.25450	.16975
#3	.18715	1.7628	.42656	.06329	2.6139	.25710	.17019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6889	.34342	.25889	F -.02308	.85397	F .57060	.17776
Stddev	.0428	.00050	.00311	.00667	.00989	.00165	.00309
%RSD	.49233	.14468	1.2000	28.917	1.1577	.28905	1.7392

#1	8.7106	.34316	.26222	-.02127	.86530	.57250	.17728
#2	8.7164	.34311	.25607	-.01750	.84946	.56948	.18106
#3	8.6396	.34399	.25837	-.03047	.84714	.56983	.17494

Sample Name: PB116665BS Acquired: 1/29/2019 17:27:57 Type: Unk
Method: P4-ICP2(v2804) 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	.17895	F 4.590	F .18476	F<.00000	F 9.9788
Stddev	.00218	.012	.00027	.33457	1.0011
%RSD	1.2158	.2686	.14731	46.421	10.032
#1	.17989	4.592	.18497	-.77854	10.272
#2	.17646	4.601	.18445	-1.0226	8.8638
#3	.18049	4.577	.18486	-.36102	10.801
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.6	42877.	3477.9	8.6553	4059.6
Stddev	2.2	99.	17.4	.3901	5.5
%RSD	.05842	.23066	.49895	4.5067	.13444
#1	3682.4	42799.	3458.3	8.9955	4054.1
#2	3678.2	42988.	3491.4	8.7409	4059.6
#3	3681.2	42842.	3484.0	8.2295	4065.0

Sample Name: CCV05 Acquired: 1/29/2019 17:47:59 Type: Unk
Method: P4-ICP2(v2804) 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	4.7259	4.7720	4.8624	4.6498	4.7924	9.2245	10.232	.23859
Stddev	.0404	.0309	.0278	.0279	.0175	.0613	.011	.00051
%RSD	.85494	.64752	.57161	.60029	.36415	.66488	.11096	.21263
#1	4.7338	4.7384	4.8306	4.6645	4.8070	9.2826	10.245	.23893
#2	4.7617	4.7993	4.8817	4.6672	4.7972	9.1604	10.228	.23801
#3	4.6821	4.7782	4.8751	4.6176	4.7730	9.2305	10.224	.23884
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3656	24.033	.92375	2.3660	1.1757	4.7590	2.4159	22.890
Stddev	.0144	.026	.00235	.0178	.0055	.0324	.0075	.230
%RSD	.60704	.10994	.25448	.75229	.46507	.68113	.30841	1.0034
#1	2.3495	24.026	.92640	2.3457	1.1804	4.7851	2.4229	22.835
#2	2.3771	24.063	.92293	2.3786	1.1769	4.7691	2.4081	23.142
#3	2.3703	24.012	.92191	2.3738	1.1697	4.7227	2.4167	22.693
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3175	1.1542	24.395	2.2656	2.4197	26.855	4.6141	4.6311
Stddev	.0146	.0026	.080	.0130	.0178	.077	.0213	.0306
%RSD	.63171	.22112	.32639	.57319	.73390	.28791	.46077	.66102
#1	2.3009	1.1549	24.475	2.2798	2.4011	26.911	4.6276	4.6412
#2	2.3282	1.1514	24.392	2.2543	2.4365	26.888	4.6250	4.6553
#3	2.3235	1.1563	24.316	2.2627	2.4216	26.767	4.5895	4.5967
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7637	4.7400	4.5269	4.6807	4.6789	4.625	4.8994	F 1.6922
Stddev	.0344	.0314	.0291	.0189	.0051	.020	.0123	.4418
%RSD	.72295	.66229	.64245	.40283	.10871	.4295	.25042	26.106
#1	4.7561	4.7568	4.4957	4.6849	4.6840	4.605	4.9130	2.0909
#2	4.8013	4.7595	4.5533	4.6972	4.6739	4.644	4.8958	1.2173
#3	4.7337	4.7038	4.5317	4.6602	4.6787	4.626	4.8893	1.7684

Sample Name: CCV05 Acquired: 1/29/2019 17:47:59 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7250
Stddev	1.1941
%RSD	43.818

#1	1.3487
#2	3.3413
#3	3.4850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.2	41571.	3579.6	8.8490	3665.6
Stddev	8.3	229.	13.7	.2001	23.0
%RSD	.23392	.54992	.38171	2.2608	.62618

#1	3530.4	41367.	3571.6	8.6298	3692.0
#2	3537.3	41818.	3571.8	9.0219	3654.6
#3	3546.9	41528.	3595.4	8.8952	3650.3

Sample Name: CCB05 Acquired: 1/29/2019 17:51:59 Type: Unk
Method: P4-ICP2(v2804) 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	.00114	.00262	-.00300	.00236	-.00010	.00428	-.02216
Stddev	.00299	.00137	.00078	.00232	.00108	.00717	.00197
%RSD	263.09	52.092	26.029	98.079	1042.1	167.40	8.8787

#1	.00438	.00180	-.00345	-.00029	.00114	.00684	-.01999
#2	.00057	.00420	-.00345	.00336	-.00082	.00983	-.02265
#3	-.00153	.00187	-.00210	.00402	-.00063	-.00382	-.02382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00009	.00981	-.00010	.00006	.00003	.00619
Stddev	.00004	.00001	.01163	.00044	.00007	.00023	.00167
%RSD	116.32	11.411	118.50	442.97	130.41	853.18	26.973

#1	-.00009	.00009	-.00326	.00041	.00008	.00019	.00436
#2	-.00001	.00008	.01370	-.00035	.00011	-.00023	.00657
#3	-.00002	.00010	.01900	-.00037	-.00003	.00013	.00764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01851	.00091	.00009	-.04208	.00011	-.00005
Stddev	.00005	.01106	.00009	.00040	.00517	.00040	.00005
%RSD	178.74	59.723	9.6617	451.87	12.286	350.71	98.416

#1	.00000	-.03127	.00096	.00039	-.03773	.00014	-.00004
#2	-.00000	-.01252	.00097	.00024	-.04780	.00049	-.00000
#3	.00009	-.01174	.00081	-.00036	-.04072	-.00030	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17435	.00005	.00884	F -.05420	-.00055	-.00105	.00014
Stddev	.02883	.00011	.00792	.01326	.00105	.00022	.00141
%RSD	16.538	228.04	89.566	24.465	192.05	21.258	970.83

#1	.20491	.00000	.00275	-.03933	-.00049	-.00129	-.00106
#2	.17053	.00017	.00598	-.05850	.00047	-.00099	-.00020
#3	.14762	-.00003	.01780	-.06478	-.00163	-.00086	.00169

Sample Name: CCB05 Acquired: 1/29/2019 17:51:59 Type: Unk
 Method: P4-ICP2(v2804) 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	.00083	-.0002	.00006	F<.00000	F<.00000
Stddev	.00338	.0004	.00007	.74572	1.0720
%RSD	408.36	273.9	121.86	13.456	190.40
#1	-.00208	-.0005	.00013	-4.9370	.66590
#2	.00454	-.0003	-.00000	-6.3751	-1.0492
#3	.00003	.0003	.00004	-5.3135	-1.3057
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3925.1	45991.	3778.0	10.470	4449.0
Stddev	10.6	166.	18.4	.801	16.9
%RSD	.26942	.36106	.48664	7.6454	.37975
#1	3921.5	45805.	3761.4	11.195	4448.4
#2	3916.8	46123.	3797.8	10.605	4432.4
#3	3937.0	46046.	3774.9	9.6114	4466.2

Sample Name: K1229-01 Acquired: 1/29/2019 18:04:06 Type: Unk
Method: P4-ICP2(v2804) 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	.00025	.00001	.00474	.00250	.00259	.00713	.02979
Stddev	.00082	.00132	.00097	.00335	.00211	.01804	.00874
%RSD	328.28	17125.	20.446	134.04	81.367	253.08	29.348

#1	-.00058	.00116	.00582	-.00048	.00494	.02330	.03845
#2	.00027	-.00143	.00395	.00612	.00198	.01041	.02996
#3	.00106	.00029	.00444	.00185	.00086	-.01233	.02096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00028	11.893	-.00018	-.00021	.00024	-.00281
Stddev	.00006	.00012	.069	.00006	.00010	.00040	.00303
%RSD	60.284	43.229	.57651	32.020	46.846	165.29	107.88

#1	.00004	-.00014	11.889	-.00024	-.00010	-.00001	-.00252
#2	.00016	-.00038	11.963	-.00017	-.00029	.00071	.00007
#3	.00011	-.00032	11.826	-.00013	-.00026	.00004	-.00596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	28.038	-.00154	.00076	222.36	.00090	.00032
Stddev	.00003	.120	.00006	.00084	1.51	.00026	.00003
%RSD	3.2505	.42759	3.6630	109.75	.68048	29.138	9.2478

#1	.00098	27.932	-.00157	-.00014	223.75	.00070	.00030
#2	.00099	28.168	-.00148	.00090	220.74	.00081	.00032
#3	.00104	28.013	-.00158	.00152	222.58	.00120	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4169	.00006	.09749	F 21.088	.29040	-.00632	.00080
Stddev	.0408	.00036	.01244	.059	.00090	.00043	.00204
%RSD	.48529	606.72	12.765	.28026	.30952	6.8791	254.27

#1	8.4103	.00013	.11060	21.020	.29075	-.00602	-.00070
#2	8.4607	.00038	.08584	21.126	.29108	-.00682	-.00002
#3	8.3798	-.00033	.09604	21.118	.28938	-.00612	.00313

Sample Name: K1229-01 Acquired: 1/29/2019 18:04:06 Type: Unk
Method: P4-ICP2(v2804) 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	.01307	.0034	.18841	13.210	F<.00000
Stddev	.00071	.0005	.00043	.110	.52750
%RSD	5.4047	15.82	.23033	.83045	14.259
#1	.01348	.0039	.18857	13.330	-4.2868
#2	.01349	.0028	.18874	13.115	-3.2660
#3	.01226	.0035	.18792	13.184	-3.5456
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.8	32178.	2904.3	7.4264	2967.4
Stddev	8.5	109.	12.1	.1748	14.1
%RSD	.29946	.33917	.41816	2.3536	.47449
#1	2830.0	32091.	2890.3	7.3344	2951.2
#2	2845.5	32143.	2911.1	7.3169	2975.9
#3	2843.9	32301.	2911.6	7.6280	2975.2

Sample Name: K1229-01DUP Acquired: 1/29/2019 18:08:33 Type: Unk
Method: P4-ICP2(v2804) 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	.00174	-.00024	.00496	-.00022	.00103	.00487	.02964
Stddev	.00319	.00206	.00058	.00388	.00175	.00918	.00535
%RSD	183.87	873.58	11.622	1801.5	168.83	188.31	18.057

#1	.00307	.00122	.00475	-.00101	-.00083	-.00410	.02402
#2	.00405	-.00259	.00451	-.00363	.00129	.01424	.03468
#3	-.00191	.00067	.00561	.00400	.00264	.00448	.03021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00031	11.974	-.00025	-.00024	.00023	-.00130
Stddev	.00005	.00008	.101	.00060	.00023	.00029	.00112
%RSD	12362.	24.975	.84313	242.02	95.844	128.90	86.070

#1	-.00006	-.00033	11.922	.00033	-.00001	.00017	-.00088
#2	.00005	-.00038	12.090	-.00087	-.00047	-.00003	-.00046
#3	.00001	-.00023	11.910	-.00021	-.00024	.00055	-.00257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	28.991	-.00191	.00059	232.87	.00038	.00041
Stddev	.00005	.141	.00025	.00062	1.30	.00078	.00003
%RSD	4.7914	.48761	13.340	104.63	.55877	204.58	6.3480

#1	.00106	28.991	-.00163	.00129	232.55	.00012	.00038
#2	.00097	29.133	-.00212	.00011	234.30	-.00023	.00043
#3	.00102	28.850	-.00199	.00037	231.76	.00127	.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6801	.00034	.10357	F 22.154	.29331	-.00662	.00053
Stddev	.0201	.00023	.00745	.237	.00204	.00074	.00370
%RSD	.23193	68.342	7.1950	1.0677	.69677	11.180	694.76

#1	8.6745	.00060	.10202	22.037	.29334	-.00727	-.00253
#2	8.7024	.00017	.09702	21.999	.29534	-.00678	.00464
#3	8.6634	.00024	.11168	22.426	.29126	-.00582	-.00051

Sample Name: K1229-01DUP Acquired: 1/29/2019 18:08:33 Type: Unk
Method: P4-ICP2(v2804) 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	.01239	.0035	.19040	10.434	F<.00000
Stddev	.00192	.0003	.00187	.165	.49963
%RSD	15.463	9.468	.98258	1.5785	12.396
#1	.01232	.0034	.18959	10.358	-4.6071
#2	.01433	.0032	.19254	10.321	-3.7209
#3	.01050	.0038	.18908	10.623	-3.7641
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.0	33164.	2962.9	7.4197	2962.4
Stddev	9.6	175.	32.2	.6008	5.0
%RSD	.33675	.52784	1.0879	8.0977	.16816
#1	2843.8	33017.	2952.9	6.7419	2960.7
#2	2845.2	33358.	2936.9	7.8869	2958.5
#3	2861.1	33118.	2999.0	7.6303	2968.0

Sample Name: K1229-01LX5 Acquired: 1/29/2019 18:13:01 Type: Unk
Method: P4-ICP2(v2804) 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	-.00316	.00045	.00286	-.00086	.00243	.01112	.02960
Stddev	.00182	.00027	.00042	.00171	.00135	.02087	.00107
%RSD	57.691	61.266	14.807	198.38	55.524	187.66	3.6203

#1	-.00391	.00021	.00328	-.00019	.00130	.03520	.03071
#2	-.00447	.00039	.00288	.00041	.00207	-.00008	.02951
#3	-.00108	.00075	.00243	-.00281	.00392	-.00176	.02857

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00016	2.2873	-.00012	-.00025	.00062	.00112
Stddev	.00001	.00002	.0245	.00020	.00013	.00065	.00432
%RSD	23.399	15.394	1.0703	164.12	52.720	104.96	387.23

#1	.00006	-.00017	2.2934	-.00035	-.00018	.00115	.00096
#2	.00006	-.00013	2.2603	.00004	-.00040	.00082	.00551
#3	.00004	-.00017	2.3081	-.00006	-.00017	-.00011	-.00312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	5.4442	-.00123	.00043	44.017	.00038	.00090
Stddev	.00004	.0447	.00033	.00035	.363	.00041	.00009
%RSD	15.303	.82018	27.242	82.823	.82493	107.34	10.274

#1	.00031	5.4130	-.00119	.00036	44.404	-.00006	.00081
#2	.00023	5.4243	-.00091	.00081	43.684	.00074	.00099
#3	.00025	5.4954	-.00158	.00011	43.963	.00045	.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5829	-.00010	.01856	3.6789	.05889	-.00131	-.00128
Stddev	.0442	.00020	.00336	.0355	.00510	.00029	.00330
%RSD	2.7948	205.73	18.127	.96382	8.6627	21.826	258.21

#1	1.5671	-.00026	.01868	3.7097	.06339	-.00111	-.00495
#2	1.6328	-.00016	.02186	3.6869	.05993	-.00118	.00147
#3	1.5487	.00013	.01513	3.6402	.05335	-.00164	-.00036

Sample Name: K1229-01LX5 Acquired: 1/29/2019 18:13:01 Type: Unk
Method: P4-ICP2(v2804) 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	.00271	.0018	.03575	8.7958	F<.00000
Stddev	.00131	.0008	.00006	.6339	.57882
%RSD	48.257	44.56	.15967	7.2066	28.582

#1	.00395	.0010	.03569	8.4177	-2.2063
#2	.00282	.0019	.03576	8.4421	-1.3774
#3	.00135	.0026	.03580	9.5276	-2.4917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.7	34102.	2963.1	7.9950	3160.7
Stddev	7.8	213.	26.8	.1892	11.2
%RSD	.26788	.62408	.90398	2.3665	.35304

#1	2912.9	34214.	2942.2	7.8931	3148.5
#2	2911.5	34236.	2993.3	8.2133	3163.4
#3	2925.7	33857.	2953.8	7.8785	3170.3

Sample Name: K1229-01MS Acquired: 1/29/2019 18:23:50 Type: Unk
Method: P4-ICP2(v2804) 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	.86997	2.1630	1.0989	2.1539	.86664	2.1742	.24283	.22486
Stddev	.01664	.0331	.0176	.0385	.01436	.0231	.00913	.00214
%RSD	1.9128	1.5322	1.6049	1.7892	1.6571	1.0603	3.7612	.94976
#1	.87897	2.1892	1.1110	2.1733	.87749	2.1704	.24212	.22335
#2	.88018	2.1740	1.1070	2.1789	.87207	2.1534	.25230	.22392
#3	.85077	2.1257	1.0786	2.1095	.85036	2.1990	.23408	.22730
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21668	10.034	.43015	.22206	.33137	3.2333	.22594	23.585
Stddev	.00344	.052	.00319	.00387	.00515	.0180	.00183	.040
%RSD	1.5882	.51565	.74173	1.7421	1.5538	.55772	.80926	.16888
#1	.21918	9.9781	.42699	.22437	.33544	3.2496	.22459	23.597
#2	.21810	10.080	.43008	.22422	.33309	3.2364	.22521	23.618
#3	.21276	10.043	.43337	.21759	.32558	3.2139	.22802	23.541
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54255	.07731	174.21	.32148	.22804	16.672	.43198	.39191
Stddev	.00827	.00054	1.14	.00094	.00401	.086	.00650	.00753
%RSD	1.5235	.70142	.65709	.29212	1.7577	.51431	1.5039	1.9218
#1	.54811	.07736	174.82	.32041	.23096	16.697	.43621	.38663
#2	.54650	.07674	174.92	.32214	.22968	16.742	.43524	.40053
#3	.53305	.07782	172.89	.32190	.22347	16.576	.42450	.38856
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.573	1.2017	.74346	.22095	.22089	6.408	.35434	10.734
Stddev	.326	.0102	.01201	.00208	.00171	.117	.00098	.140
%RSD	2.0943	.84773	1.6151	.94281	.77275	1.830	.27549	1.3001
#1	15.783	1.2088	.75370	.21938	.22286	6.498	.35521	10.643
#2	15.739	1.2063	.74645	.22016	.21991	6.452	.35453	10.665
#3	15.198	1.1900	.73025	.22332	.21990	6.276	.35328	10.895

Sample Name: K1229-01MS Acquired: 1/29/2019 18:23:50 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.2761
Stddev	.6118
%RSD	9.7487

#1	6.3699
#2	6.8357
#3	5.6228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2840.9	33419.	2961.0	8.2540	2938.5
Stddev	26.7	188.	24.2	1.2823	29.0
%RSD	.93945	.56212	.81629	15.536	.98665

#1	2828.1	33461.	2939.5	7.7584	2921.1
#2	2822.9	33582.	2956.3	7.2934	2922.5
#3	2871.5	33213.	2987.2	9.7102	2972.0

Sample Name: K1229-01MSD Acquired: 1/29/2019 18:27:56 Type: Unk
Method: P4-ICP2(v2804) 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	.87927	2.2008	1.1147	2.1931	.88114	2.2168	.24666	.23073
Stddev	.00782	.0126	.0032	.0103	.00414	.0081	.00332	.00076
%RSD	.88962	.57246	.28808	.46896	.46931	.36510	1.3470	.33085
#1	.87085	2.1903	1.1130	2.1863	.87857	2.2251	.25033	.23004
#2	.88631	2.2148	1.1185	2.2049	.88591	2.2162	.24385	.23059
#3	.88065	2.1974	1.1128	2.1881	.87895	2.2090	.24579	.23155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22022	10.095	.44408	.22572	.33665	3.3881	.23211	23.781
Stddev	.00087	.070	.00158	.00084	.00290	.0416	.00073	.104
%RSD	.39566	.69434	.35668	.37211	.86212	1.2274	.31285	.43811
#1	.21923	10.018	.44259	.22475	.33464	3.3469	.23130	23.767
#2	.22086	10.154	.44391	.22626	.33998	3.4300	.23271	23.891
#3	.22057	10.114	.44574	.22614	.33534	3.3875	.23231	23.684
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55075	.07984	176.16	.33077	.23061	16.776	.43817	.40513
Stddev	.00198	.00008	1.33	.00218	.00096	.257	.00224	.01141
%RSD	.35910	.09738	.75487	.65952	.41717	1.5341	.51147	2.8159
#1	.54860	.07992	174.85	.32855	.22954	16.481	.43755	.41526
#2	.55115	.07976	177.51	.33085	.23140	16.953	.44066	.40735
#3	.55250	.07985	176.14	.33291	.23089	16.895	.43631	.39277
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.443	1.2554	.75840	.22146	.22438	6.502	.36339	11.560
Stddev	.143	.0124	.00331	.00564	.00233	.027	.00520	.358
%RSD	.92880	.98559	.43648	2.5490	1.0376	.4191	1.4305	3.0956
#1	15.493	1.2424	.75489	.21776	.22461	6.474	.35913	11.680
#2	15.555	1.2670	.76147	.21865	.22659	6.529	.36918	11.843
#3	15.282	1.2568	.75886	.22795	.22195	6.504	.36185	11.158

Sample Name: K1229-01MSD Acquired: 1/29/2019 18:27:56 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.4600
Stddev	1.0223
%RSD	15.825

#1	7.4934
#2	5.4492
#3	6.4372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.9	32768.	2864.5	7.6426	2936.7
Stddev	9.5	79.	27.9	.7034	5.1
%RSD	.33459	.24241	.97498	9.2038	.17421

#1	2830.4	32695.	2886.1	6.8323	2932.5
#2	2828.5	32758.	2832.9	7.9997	2935.2
#3	2845.8	32852.	2874.5	8.0959	2942.4

Sample Name: K1229-01A Acquired: 1/29/2019 18:32:03 Type: Unk
Method: P4-ICP2(v2804) 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	.86417	2.1626	1.0931	2.1476	.86280	2.1897	.25022	.22926
Stddev	.01034	.0263	.0117	.0132	.00773	.0305	.00405	.00020
%RSD	1.1962	1.2157	1.0672	.61448	.89583	1.3939	1.6205	.08833
#1	.86760	2.1739	1.0964	2.1574	.86888	2.1557	.24851	.22914
#2	.87235	2.1814	1.1027	2.1527	.86542	2.2147	.24730	.22950
#3	.85255	2.1326	1.0801	2.1326	.85410	2.1988	.25485	.22915
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21635	10.003	.44139	.22228	.33070	3.3544	.23077	23.800
Stddev	.00235	.116	.00265	.00195	.00195	.0469	.00040	.346
%RSD	1.0851	1.1578	.59976	.87900	.58828	1.3985	.17266	1.4533
#1	.21739	9.9205	.43858	.22316	.33124	3.3454	.23047	23.486
#2	.21800	9.9537	.44383	.22363	.33231	3.3126	.23122	23.744
#3	.21366	10.136	.44176	.22004	.32854	3.4051	.23061	24.171
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54011	.07928	177.35	.32870	.22682	16.816	.43141	.39879
Stddev	.00599	.00124	2.01	.00143	.00236	.171	.00405	.01903
%RSD	1.1091	1.5638	1.1314	.43382	1.0387	1.0156	.93784	4.7720
#1	.54336	.07990	176.08	.32743	.22759	16.791	.43241	.38355
#2	.54377	.08010	176.31	.33025	.22869	16.660	.43486	.39271
#3	.53320	.07786	179.66	.32843	.22417	16.998	.42696	.42012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.180	1.2349	.74353	.22258	.22238	6.383	.36043	11.098
Stddev	.164	.0105	.00535	.00315	.00410	.072	.00420	.192
%RSD	1.0816	.84801	.71923	1.4148	1.8456	1.130	1.1665	1.7341
#1	15.325	1.2337	.74624	.21899	.21772	6.419	.35808	10.884
#2	15.212	1.2250	.74698	.22488	.22397	6.431	.35792	11.255
#3	15.002	1.2459	.73737	.22388	.22545	6.300	.36528	11.156

Sample Name: K1229-01A Acquired: 1/29/2019 18:32:03 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1697
Stddev	.5828
%RSD	9.4471

#1	5.5582
#2	6.2317
#3	6.7190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.7	32958.	2868.3	7.8797	2956.0
Stddev	4.2	49.	32.9	.7770	9.8
%RSD	.14800	.14788	1.1465	9.8604	.33143

#1	2858.2	33008.	2879.9	8.6720	2957.7
#2	2850.8	32911.	2893.8	7.8481	2945.5
#3	2858.1	32953.	2831.2	7.1190	2964.9

Sample Name: CCV06 Acquired: 1/29/2019 18:45:15 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0094	5.0604	5.1261	4.9402	5.0773	10.164	9.5998	.25712
Stddev	.0162	.0187	.0284	.0210	.0227	.083	.0493	.00093
%RSD	.32429	.36942	.55371	.42426	.44809	.81250	.51352	.36036
#1	5.0239	5.0816	5.1588	4.9533	5.1005	10.108	9.5708	.25781
#2	4.9918	5.0529	5.1113	4.9160	5.0551	10.259	9.5719	.25749
#3	5.0124	5.0466	5.1081	4.9513	5.0763	10.125	9.6567	.25607
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5079	25.862	1.0034	2.5267	1.2607	5.0962	2.6058	25.002
Stddev	.0106	.072	.0029	.0093	.0055	.0219	.0046	.090
%RSD	.42144	.27968	.29037	.36864	.43939	.42990	.17662	.35981
#1	2.5201	25.796	1.0033	2.5374	1.2662	5.1033	2.6074	24.901
#2	2.5024	25.851	1.0063	2.5223	1.2551	5.0716	2.6094	25.073
#3	2.5012	25.940	1.0005	2.5204	1.2607	5.1137	2.6006	25.031
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4849	1.2487	24.097	2.4698	2.5367	23.914	4.9693	5.0414
Stddev	.0112	.0027	.144	.0011	.0151	.192	.0225	.0270
%RSD	.45070	.21226	.59754	.04531	.59637	.80450	.45179	.53613
#1	2.4979	1.2479	24.034	2.4692	2.5540	23.850	4.9920	5.0288
#2	2.4787	1.2517	23.996	2.4690	2.5301	23.761	4.9471	5.0230
#3	2.4782	1.2465	24.262	2.4710	2.5261	24.130	4.9687	5.0725
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0038	5.0415	4.8728	5.1016	5.0594	4.924	5.2792	F 10.860
Stddev	.1004	.0341	.0191	.0088	.0327	.030	.0352	.141
%RSD	2.0068	.67666	.39137	.17262	.64698	.6199	.66748	1.2968
#1	5.1193	5.0442	4.8930	5.1084	5.0406	4.957	5.2515	10.745
#2	4.9369	5.0061	4.8552	5.0916	5.0404	4.921	5.2673	11.017
#3	4.9553	5.0742	4.8702	5.1046	5.0972	4.896	5.3189	10.819

Sample Name: CCV06 Acquired: 1/29/2019 18:45:15 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0609
Stddev	.4801
%RSD	45.249

#1	1.0595
#2	1.5417
#3	.58162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2941.1	33853.	2954.9	7.8510	3040.4
Stddev	18.6	111.	13.5	.4322	18.9
%RSD	.63177	.32866	.45669	5.5050	.62210

#1	2921.2	33842.	2944.4	7.3520	3018.7
#2	2958.0	33747.	2970.2	8.0952	3053.0
#3	2944.2	33969.	2950.3	8.1059	3049.7

Sample Name: CCB06 Acquired: 1/29/2019 18:49:13 Type: Unk
Method: P4-ICP2(v2804) 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	.00009	.00217	.00102	.00272	.00356	-.00298	.01679
Stddev	.00243	.00183	.00077	.00330	.00098	.01251	.00279
%RSD	2839.1	84.191	75.491	121.11	27.592	419.94	16.618

#1	-.00262	.00100	.00187	.00535	.00277	-.01735	.01361
#2	.00209	.00124	.00083	-.00098	.00326	.00296	.01884
#3	.00079	.00428	.00037	.00379	.00466	.00546	.01791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00008	-.00515	.00028	.00011	.00019	.00202
Stddev	.00003	.00003	.00836	.00027	.00016	.00030	.00109
%RSD	344.13	37.714	162.28	96.092	144.62	160.94	53.884

#1	.00002	-.00005	-.00980	.00058	.00009	-.00003	.00082
#2	-.00001	-.00009	-.01015	.00006	.00028	.00054	.00295
#3	-.00004	-.00010	.00450	.00020	-.00004	.00006	.00229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00695	-.00046	.00062	-.01004	-.00013	.00014
Stddev	.00002	.09032	.00018	.00045	.00957	.00020	.00005
%RSD	12.163	1299.1	38.379	73.148	95.280	157.84	34.801

#1	.00012	.06380	-.00060	.00098	-.00167	-.00013	.00014
#2	.00012	-.10868	-.00026	.00075	-.02047	.00008	.00018
#3	.00015	.02402	-.00053	.00011	-.00798	-.00032	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02530	.00039	.00211	F -.02987	.00527	-.00003	-.00021
Stddev	.01314	.00006	.00936	.02605	.00104	.00034	.00263
%RSD	51.947	15.639	443.99	87.207	19.693	1077.5	1263.3

#1	-.01013	.00043	.00469	-.04654	.00515	.00034	.00079
#2	-.03242	.00043	.00991	-.04320	.00635	-.00011	.00178
#3	-.03335	.00032	-.00827	.00015	.00429	-.00032	-.00319

Sample Name: CCB06 Acquired: 1/29/2019 18:49:13 Type: Unk
 Method: P4-ICP2(v2804) 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	.00217	.0011	.00001	F 5.4410	F<.00000
Stddev	.00095	.0013	.00002	.3546	.09348
%RSD	43.756	115.0	259.45	6.5168	4.2995
#1	.00286	.0010	.00002	5.8105	-2.0662
#2	.00255	.0024	.00001	5.4089	-2.2295
#3	.00109	-.0001	-.00001	5.1035	-2.2267
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.8	36527.	3068.7	9.1682	3527.8
Stddev	17.4	128.	23.2	.8938	22.9
%RSD	.55602	.35007	.75456	9.7489	.64860
#1	3119.1	36380.	3091.2	10.182	3508.3
#2	3129.1	36604.	3044.9	8.8295	3522.0
#3	3153.0	36599.	3069.9	8.4932	3553.0

Sample Name: K1008-03 Acquired: 1/29/2019 18:53:42 Type: Unk
Method: P4-ICP2(v2804) 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	.01898	-.08010	.13065	-.01824	-.00178	63.815	.23412	.00444
Stddev	.00122	.00129	.00179	.00167	.00139	.307	.00262	.00006
%RSD	6.4449	1.6069	1.3717	9.1302	78.327	.48142	1.1205	1.2640
#1	.01825	-.08033	.13272	-.01840	-.00198	63.916	.23133	.00440
#2	.02040	-.08127	.12957	-.01983	-.00029	64.060	.23654	.00442
#3	.01830	-.07872	.12966	-.01651	-.00305	63.470	.23450	.00450
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	58.808	.11169	.11669	.17914	160.31	2.6536	31.171
Stddev	.00019	.480	.00024	.00028	.00051	1.46	.0033	.283
%RSD	14.921	.81646	.21841	.23805	.28410	.90844	.12342	.90844
#1	.00152	58.260	.11197	.11653	.17861	158.64	2.6498	30.883
#2	.00116	59.158	.11157	.11701	.17919	161.02	2.6551	31.449
#3	.00121	59.005	.11153	.11652	.17963	161.28	2.6558	31.181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14029	-.01846	2.3383	.20397	.54834	10.554	.00379	.00319
Stddev	.00043	.00038	.0151	.00063	.00144	.076	.00008	.00541
%RSD	.30646	2.0326	.64720	.31047	.26345	.71577	2.0452	169.79
#1	.13993	-.01867	2.3211	.20423	.54964	10.470	.00371	-.00271
#2	.14018	-.01868	2.3494	.20443	.54859	10.616	.00386	.00434
#3	.14077	-.01803	2.3445	.20325	.54678	10.576	.00381	.00792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4269	2.3756	.01669	2.8706	.08626	F 18.88	-.08240	<.00000
Stddev	.0374	.0480	.00016	.0076	.00220	.04	.00189	.31292
%RSD	.84407	2.0219	.98362	.26549	2.5509	.1894	2.2916	1.5905
#1	4.4700	2.3755	.01650	2.8733	.08526	18.91	-.08022	-19.817
#2	4.4055	2.3277	.01680	2.8764	.08879	18.90	-.08339	-19.315
#3	4.4051	2.4237	.01676	2.8619	.08474	18.84	-.08358	-19.890

Sample Name: K1008-03 Acquired: 1/29/2019 18:53:42 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 430.67
Stddev	4.25
%RSD	.98792

#1	434.85
#2	426.34
#3	430.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4735.6	55618.	4948.3	8.5595	3022.6
Stddev	1.2	106.	37.6	.1828	6.5
%RSD	.02498	.19110	.75894	2.1358	.21538

#1	4735.2	55610.	4991.6	8.4808	3017.4
#2	4734.7	55516.	4924.9	8.7685	3020.5
#3	4737.0	55728.	4928.3	8.4293	3029.9

Sample Name: K1008-03DUP Acquired: 1/29/2019 18:57:52 Type: Unk
Method: P4-ICP2(v2804) 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	.02012	-.07928	.12940	-.01820	-.00121	63.091	.22862	.00449
Stddev	.00251	.00183	.00192	.00217	.00043	.145	.00245	.00005
%RSD	12.476	2.3140	1.4842	11.917	35.995	.22926	1.0712	1.0766
#1	.01736	-.07979	.13160	-.01898	-.00168	63.111	.22580	.00454
#2	.02228	-.07724	.12849	-.01988	-.00083	63.224	.23016	.00449
#3	.02072	-.08080	.12809	-.01575	-.00112	62.937	.22991	.00444
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	58.225	.11044	.11553	.17986	159.25	2.6385	30.988
Stddev	.00007	.668	.00150	.00073	.00119	1.89	.0020	.175
%RSD	8.7161	1.1469	1.3561	.63521	.66262	1.1881	.07616	.56540
#1	.00077	57.630	.11202	.11559	.18123	158.24	2.6402	30.898
#2	.00092	58.097	.11025	.11623	.17908	158.07	2.6363	30.876
#3	.00083	58.947	.10904	.11476	.17927	161.43	2.6391	31.190
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13898	-.01847	2.3221	.20280	.54447	10.497	.00373	.00262
Stddev	.00032	.00072	.0193	.00268	.00043	.066	.00024	.00582
%RSD	.23134	3.9043	.83106	1.3199	.07866	.62498	6.3501	222.03
#1	.13861	-.01917	2.3151	.20588	.54417	10.447	.00396	.00281
#2	.13912	-.01852	2.3074	.20107	.54496	10.474	.00349	-.00329
#3	.13921	-.01773	2.3440	.20144	.54429	10.572	.00373	.00834
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3314	2.2376	.01535	2.8420	.08571	F 18.88	-.08183	<.00000
Stddev	.0854	.0065	.00085	.0052	.00179	.05	.00147	.58770
%RSD	1.9717	.28853	5.5650	.18141	2.0888	.2409	1.7998	2.8839
#1	4.2709	2.2419	.01619	2.8365	.08365	18.86	-.08165	-21.006
#2	4.4291	2.2302	.01449	2.8468	.08655	18.85	-.08045	-19.840
#3	4.2942	2.2407	.01538	2.8428	.08692	18.93	-.08338	-20.290

Sample Name: K1008-03DUP Acquired: 1/29/2019 18:57:52 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 427.49
Stddev	1.86
%RSD	.43538

#1	425.64
#2	427.48
#3	429.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4760.5	56066.	4984.3	9.2498	3043.1
Stddev	7.2	178.	49.0	1.2899	1.6
%RSD	.15039	.31693	.98229	13.945	.05334

#1	4752.7	55873.	5003.9	10.472	3043.2
#2	4761.9	56103.	5020.3	9.3764	3044.7
#3	4766.8	56223.	4928.5	7.9013	3041.4

Sample Name: K1008-03LX5 Acquired: 1/29/2019 19:02:02 Type: Unk
Method: P4-ICP2(v2804) 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	.00489	-.01504	.02453	.00029	-.00101	18.278	.07424	.00130
Stddev	.00151	.00102	.00122	.00066	.00126	.202	.00437	.00014
%RSD	30.823	6.7798	4.9852	226.99	124.36	1.1043	5.8850	10.896

#1	.00366	-.01387	.02325	.00106	-.00059	18.089	.07255	.00115
#2	.00657	-.01573	.02467	-.00011	-.00002	18.491	.07920	.00132
#3	.00444	-.01553	.02568	-.00008	-.00242	18.255	.07097	.00144

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	17.508	.03356	.02310	.05447	54.537	.80460	9.4752
Stddev	.00006	.092	.00064	.00025	.00047	.036	.00521	.1048
%RSD	2.1042	.52417	1.9209	1.0866	.86122	.06650	.64736	1.1060

#1	-.00266	17.402	.03391	.02284	.05494	54.514	.79910	9.3543
#2	-.00262	17.555	.03394	.02313	.05446	54.518	.80946	9.5406
#3	-.00273	17.567	.03281	.02334	.05401	54.579	.80524	9.5306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02769	-.00474	.67508	.06009	.10468	3.1210	.00107	.01212
Stddev	.00030	.00042	.00999	.00047	.00036	.0348	.00015	.00216
%RSD	1.0660	8.9557	1.4796	.78597	.34194	1.1147	14.116	17.834

#1	.02799	-.00521	.67649	.06006	.10464	3.1458	.00090	.01444
#2	.02740	-.00439	.68430	.06058	.10435	3.0812	.00115	.01176
#3	.02769	-.00460	.66447	.05964	.10506	3.1359	.00117	.01016

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88226	.69867	.00374	.84196	.02558	3.816	-.03242	.13755
Stddev	.02222	.01740	.00029	.00763	.00028	.009	.00006	.47678
%RSD	2.5183	2.4898	7.7996	.90616	1.0978	.2235	.19968	346.62

#1	.86348	.69612	.00406	.83327	.02534	3.810	-.03249	-.37977
#2	.87652	.71720	.00367	.84505	.02589	3.811	-.03239	.23311
#3	.90679	.68269	.00349	.84755	.02550	3.825	-.03237	.55932

Sample Name: K1008-03LX5 Acquired: 1/29/2019 19:02:02 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	86.724
Stddev	1.920
%RSD	2.2134

#1	84.998
#2	88.791
#3	86.382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.5	40479.	3487.7	9.5985	3303.7
Stddev	8.8	249.	4.0	.6922	5.7
%RSD	.25205	.61585	.11490	7.2117	.17295

#1	3471.5	40696.	3484.6	8.8182	3304.4
#2	3469.5	40207.	3486.2	9.8386	3297.7
#3	3485.6	40534.	3492.2	10.139	3309.1

Sample Name: K1008-03MS Acquired: 1/29/2019 19:06:23 Type: Unk
Method: P4-ICP2(v2804) 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	.58850	2.1550	1.2660	1.3767	.16170	74.128	.44190	.15535
Stddev	.00279	.0020	.0028	.0061	.00134	.070	.00640	.00065
%RSD	.47369	.09144	.22259	.44206	.82952	.09487	1.4479	.41738
#1	.58900	2.1569	1.2688	1.3749	.16051	74.061	.43494	.15589
#2	.59100	2.1530	1.2632	1.3834	.16144	74.201	.44323	.15463
#3	.58550	2.1553	1.2661	1.3717	.16315	74.122	.44753	.15552
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22408	81.466	.41046	.35536	.41885	178.09	3.4646	45.059
Stddev	.00052	.855	.00086	.00051	.00212	1.07	.0178	.224
%RSD	.23114	1.0495	.20978	.14395	.50637	.59919	.51394	.49790
#1	.22460	80.557	.41052	.35508	.41835	177.05	3.4821	45.045
#2	.22356	81.587	.41129	.35504	.42118	178.05	3.4653	44.843
#3	.22407	82.254	.40957	.35595	.41702	179.18	3.4465	45.291
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73689	.03100	4.6169	.43791	.81639	20.329	.29317	.18794
Stddev	.00186	.00043	.0306	.00064	.00406	.092	.00142	.00295
%RSD	.25303	1.3802	.66235	.14520	.49679	.45017	.48530	1.5716
#1	.73853	.03087	4.5867	.43770	.81779	20.233	.29213	.18563
#2	.73486	.03065	4.6161	.43740	.81182	20.340	.29480	.18692
#3	.73726	.03147	4.6479	.43862	.81957	20.415	.29259	.19127
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0420	2.6240	.78315	3.6726	.25764	F 21.05	.09721	<.00000
Stddev	.0611	.0179	.00255	.0040	.00384	.10	.00194	.38014
%RSD	1.0111	.68083	.32623	.10758	1.4906	.4562	1.9908	2.5034
#1	6.0583	2.6112	.78405	3.6704	.25346	21.11	.09584	-15.152
#2	5.9744	2.6444	.78027	3.6772	.25847	20.94	.09637	-14.822
#3	6.0932	2.6164	.78514	3.6703	.26101	21.11	.09942	-15.580

Sample Name: K1008-03MS Acquired: 1/29/2019 19:06:23 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 450.49
Stddev .40
%RSD .08968

#1 450.95
#2 450.19
#3 450.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4452.9	52638.	4653.8	8.0332	2907.9
Stddev	3.7	88.	31.0	2.0374	13.8
%RSD	.08324	.16643	.66520	25.362	.47378

#1	4456.9	52680.	4687.2	8.8467	2903.3
#2	4452.4	52538.	4648.3	5.7147	2923.4
#3	4449.5	52698.	4626.0	9.5382	2897.1

Sample Name: K1008-03MSD Acquired: 1/29/2019 19:10:31 Type: Unk
Method: P4-ICP2(v2804) 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	.59218	2.1571	1.2696	1.3782	.16361	74.226	.43614	.15557
Stddev	.00122	.0045	.0018	.0010	.00186	.172	.00485	.00035
%RSD	.20665	.20745	.14454	.07433	1.1343	.23192	1.1112	.22284
#1	.59166	2.1524	1.2717	1.3772	.16202	74.409	.43803	.15596
#2	.59130	2.1577	1.2681	1.3782	.16314	74.202	.43064	.15542
#3	.59358	2.1613	1.2691	1.3792	.16565	74.068	.43976	.15532
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22449	79.862	.41206	.35693	.42144	177.96	3.4453	44.296
Stddev	.00045	.477	.00018	.00071	.00085	1.34	.0177	.137
%RSD	.20063	.59760	.04391	.19905	.20285	.75532	.51367	.30996
#1	.22406	80.186	.41206	.35658	.42237	178.63	3.4587	44.257
#2	.22496	79.314	.41224	.35647	.42069	176.41	3.4520	44.182
#3	.22447	80.086	.41188	.35775	.42127	178.83	3.4253	44.449
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73734	.03138	4.6176	.43835	.83062	20.233	.29346	.19685
Stddev	.00113	.00054	.0398	.00102	.00014	.132	.00081	.00862
%RSD	.15279	1.7146	.86158	.23167	.01647	.65419	.27517	4.3771
#1	.73687	.03093	4.6555	.43940	.83047	20.358	.29365	.20677
#2	.73653	.03123	4.5761	.43737	.83072	20.094	.29415	.19257
#3	.73863	.03198	4.6211	.43828	.83068	20.248	.29257	.19121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0356	2.6424	.78565	3.6749	.25734	F 21.11	.09500	<.00000
Stddev	.0692	.0156	.00176	.0268	.00145	.03	.00152	.65052
%RSD	1.1462	.59118	.22443	.73023	.56482	.1309	1.5963	4.3732
#1	5.9897	2.6604	.78365	3.6719	.25567	21.09	.09666	-14.223
#2	6.1151	2.6332	.78699	3.6497	.25834	21.09	.09367	-14.877
#3	6.0019	2.6336	.78631	3.7031	.25801	21.14	.09468	-15.524

Sample Name: K1008-03MSD Acquired: 1/29/2019 19:10:31 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 450.70
Stddev .97
%RSD .21548

#1 451.78
#2 450.44
#3 449.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4429.1	52435.	4645.5	8.7660	2895.5
Stddev	5.7	145.	32.9	.9667	4.9
%RSD	.12807	.27581	.70837	11.027	.16971

#1	4422.7	52277.	4622.4	7.6696	2892.7
#2	4431.2	52466.	4683.2	9.4954	2892.6
#3	4433.4	52561.	4630.9	9.1330	2901.1

Sample Name: K1008-03A Acquired: 1/29/2019 19:14:37 Type: Unk
Method: P4-ICP2(v2804) 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	.58850	2.1604	1.2678	1.3779	.16254	74.130	.44157	.15586
Stddev	.00381	.0060	.0019	.0040	.00200	.261	.00483	.00030
%RSD	.64742	.27537	.14865	.28688	1.2313	.35196	1.0943	.18964
#1	.58437	2.1657	1.2694	1.3813	.16024	73.842	.43726	.15565
#2	.58925	2.1614	1.2657	1.3789	.16385	74.196	.44067	.15620
#3	.59187	2.1539	1.2683	1.3736	.16354	74.351	.44680	.15572
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22413	81.678	.41101	.35609	.42033	179.58	3.4626	45.306
Stddev	.00014	.570	.00135	.00058	.00036	1.24	.0286	.364
%RSD	.06242	.69773	.32919	.16314	.08603	.68982	.82715	.80387
#1	.22399	81.462	.41166	.35543	.42051	179.65	3.4296	45.074
#2	.22414	82.325	.40946	.35653	.41991	180.78	3.4774	45.726
#3	.22427	81.248	.41192	.35631	.42056	178.30	3.4809	45.118
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73875	.03141	4.6132	.43945	.81296	20.414	.29499	.19718
Stddev	.00231	.00064	.0273	.00157	.00078	.160	.00026	.00124
%RSD	.31221	2.0407	.59179	.35718	.09630	.78461	.08826	.63084
#1	.73908	.03149	4.6042	.43819	.81209	20.288	.29470	.19793
#2	.73630	.03200	4.6439	.43896	.81321	20.594	.29520	.19574
#3	.74087	.03073	4.5915	.44121	.81359	20.359	.29508	.19785
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0475	2.7337	.78747	3.6788	.25896	F 21.11	.09622	<.00000
Stddev	.0714	.0163	.00021	.0081	.00104	.05	.00114	.34115
%RSD	1.1810	.59765	.02728	.22136	.40212	.2134	1.1856	2.2595
#1	6.0406	2.7224	.78749	3.6801	.26016	21.15	.09571	-15.446
#2	6.1221	2.7525	.78724	3.6863	.25831	21.13	.09753	-14.764
#3	5.9798	2.7264	.78767	3.6702	.25841	21.06	.09542	-15.087

Sample Name: K1008-03A Acquired: 1/29/2019 19:14:37 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 450.25
Stddev	1.30
%RSD	.28944

#1	450.70
#2	451.27
#3	448.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4459.1	52576.	4631.2	7.3933	2912.3
Stddev	2.8	29.	35.3	1.1753	.5
%RSD	.06255	.05456	.76231	15.897	.01847

#1	4459.9	52603.	4626.6	6.2950	2912.0
#2	4456.0	52546.	4598.5	8.6328	2912.9
#3	4461.4	52579.	4668.6	7.2520	2912.0

Sample Name: K1260-02 Acquired: 1/29/2019 19:18:43 Type: Unk
Method: P4-ICP2(v2804) 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	.19118	-.05189	2.3239	-.00784	.00751	49.712	.99047	.00401
Stddev	.00229	.00119	.0033	.00243	.00149	.114	.01080	.00007
%RSD	1.1970	2.2985	.14384	30.949	19.819	.22975	1.0908	1.7218
#1	.19080	-.05116	2.3269	-.01062	.00840	49.664	.99484	.00393
#2	.19364	-.05327	2.3203	-.00682	.00833	49.630	.97817	.00404
#3	.18911	-.05125	2.3245	-.00610	.00579	49.842	.99842	.00407
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	55.086	.14205	.03602	.73824	143.19	1.3253	36.695
Stddev	.00031	.736	.00085	.00024	.00121	1.53	.0011	.436
%RSD	79.752	1.3355	.59860	.66487	.16436	1.0654	.08576	1.1883
#1	-.00040	55.385	.14269	.03575	.73960	144.00	1.3242	36.768
#2	-.00008	54.247	.14109	.03622	.73785	141.43	1.3253	36.227
#3	-.00070	55.624	.14237	.03607	.73727	144.14	1.3265	37.090
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14434	-.01372	36.142	.21311	1.1731	13.617	.00349	.09984
Stddev	.00041	.00081	.384	.00127	.0011	.126	.00019	.01666
%RSD	.28560	5.9358	1.0613	.59534	.09557	.92348	5.4987	16.682
#1	.14482	-.01361	36.368	.21294	1.1744	13.704	.00370	.09535
#2	.14414	-.01297	35.699	.21193	1.1726	13.473	.00346	.08590
#3	.14408	-.01459	36.359	.21445	1.1724	13.674	.00332	.11829
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2713	F 65.477	.03832	3.3019	.06241	3.261	.13213	5.4583
Stddev	.0252	.695	.00029	.0276	.00188	.006	.00024	.2774
%RSD	.27156	1.0612	.75581	.83711	3.0127	.1860	.18344	5.0829
#1	9.2592	65.859	.03822	3.3308	.06056	3.256	.13191	5.6977
#2	9.3002	64.675	.03864	3.2991	.06432	3.259	.13239	5.5229
#3	9.2545	65.896	.03809	3.2757	.06234	3.268	.13209	5.1542

Sample Name: K1260-02 Acquired: 1/29/2019 19:18:43 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 217.16
 Stddev .72
 %RSD .33002

#1 216.50
 #2 217.04
 #3 217.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.4	36802.	3231.8	7.8143	3129.0
Stddev	4.8	77.	41.2	1.1252	5.1
%RSD	.15008	.21051	1.2736	14.399	.16275

#1	3177.2	36841.	3215.2	8.9469	3134.9
#2	3172.4	36853.	3278.6	6.6966	3126.0
#3	3167.7	36713.	3201.5	7.7995	3126.0

Sample Name: K1260-03 Acquired: 1/29/2019 19:22:55 Type: Unk
Method: P4-ICP2(v2804) 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	.04927	-.01639	3.6670	-.00096	.03185	23.835	1.1843	.00223
Stddev	.00192	.00106	.0144	.00443	.00055	.092	.0077	.00011
%RSD	3.8909	6.4406	.39321	463.84	1.7280	.38481	.65185	4.9753
#1	.05035	-.01593	3.6826	.00323	.03224	23.730	1.1807	.00216
#2	.05040	-.01565	3.6541	-.00050	.03208	23.899	1.1932	.00236
#3	.04706	-.01760	3.6645	-.00560	.03122	23.875	1.1791	.00217
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02183	97.040	.12877	.03862	1.1464	97.887	1.9604	21.559
Stddev	.00012	.123	.00173	.00020	.0005	.482	.0017	.095
%RSD	.56957	.12724	1.3443	.52943	.03972	.49208	.08650	.44248
#1	.02189	96.908	.12735	.03885	1.1467	97.935	1.9584	21.486
#2	.02169	97.152	.13070	.03846	1.1459	98.343	1.9611	21.667
#3	.02191	97.061	.12826	.03854	1.1467	97.383	1.9615	21.523
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16305	-.00587	32.881	.10626	1.9687	12.942	.02271	.10822
Stddev	.00071	.00114	.120	.00112	.0047	.055	.00020	.00660
%RSD	.43255	19.425	.36366	1.0538	.24093	.42607	.89537	6.1020
#1	.16275	-.00587	32.891	.10514	1.9739	12.923	.02292	.11264
#2	.16385	-.00702	32.995	.10738	1.9646	13.004	.02251	.10063
#3	.16254	-.00474	32.756	.10625	1.9675	12.899	.02269	.11139
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6982	F 35.474	.15557	1.0621	.08393	2.045	.31100	5.9629
Stddev	.0454	.186	.00276	.0091	.00126	.004	.00077	.2624
%RSD	.79623	.52371	1.7761	.85219	1.4973	.1742	.24788	4.4006
#1	5.6651	35.541	.15393	1.0564	.08419	2.049	.31026	6.0259
#2	5.6795	35.618	.15402	1.0726	.08256	2.045	.31180	5.6747
#3	5.7499	35.264	.15876	1.0575	.08504	2.042	.31094	6.1880

Sample Name: K1260-03 Acquired: 1/29/2019 19:22:55 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 141.28
Stddev	.30
%RSD	.21169

#1	141.36
#2	141.52
#3	140.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.0	36193.	3167.3	7.6831	3131.6
Stddev	8.4	121.	13.6	.9235	6.7
%RSD	.27254	.33494	.42896	12.021	.21422

#1	3096.0	36328.	3170.1	8.3410	3124.6
#2	3109.7	36095.	3152.5	6.6273	3138.0
#3	3094.2	36155.	3179.2	8.0809	3132.2

Sample Name: K1263-01 Acquired: 1/29/2019 19:27:09 Type: Unk
Method: P4-ICP2(v2804) 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	-.00221	.00095	.00092	.00164	.00163	.02523	.02818	-.00005
Stddev	.00122	.00102	.00019	.00106	.00054	.01441	.00446	.00001
%RSD	55.126	106.90	20.601	64.383	33.015	57.105	15.834	30.654

#1	-.00282	.00033	.00113	.00059	.00138	.01556	.03175	-.00006
#2	-.00080	.00040	.00077	.00271	.00126	.04179	.02318	-.00004
#3	-.00299	.00212	.00086	.00163	.00225	.01834	.02961	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.18773	.00070	.00011	.05057	.15522	.02620	-.02584
Stddev	.00008	.01268	.00024	.00014	.00039	.00332	.00012	.05220
%RSD	150.64	6.7565	33.963	126.31	.77549	2.1400	.44478	202.02

#1	-.00000	.20184	.00097	.00025	.05093	.15256	.02617	.01573
#2	-.00014	.17728	.00061	-.00001	.05015	.15894	.02633	-.08442
#3	-.00001	.18408	.00051	.00008	.05062	.15416	.02610	-.00882

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00443	.00023	.30413	.00009	.02361	.13882	.00029	.02034
Stddev	.00016	.00040	.00162	.00035	.00006	.00608	.00013	.00960
%RSD	3.5503	170.97	.53187	376.62	.26166	4.3815	46.446	47.172

#1	.00455	.00069	.30597	-.00031	.02354	.13187	.00036	.03026
#2	.00449	-.00003	.30296	.00026	.02364	.14143	.00038	.01110
#3	.00425	.00003	.30345	.00032	.02366	.14317	.00013	.01967

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02800	.43726	-.00077	-.00040	-.00361	.0188	.00012	3.7090
Stddev	.01277	.00471	.00026	.00366	.00082	.0015	.00002	.5262
%RSD	45.606	1.0777	33.574	908.29	22.776	7.938	13.474	14.186

#1	.03680	.44262	-.00103	-.00219	-.00311	.0194	.00011	3.2873
#2	.03386	.43377	-.00052	-.00283	-.00317	.0172	.00011	3.5411
#3	.01335	.43540	-.00075	.00381	-.00456	.0200	.00014	4.2986

Sample Name: K1263-01 Acquired: 1/29/2019 19:27:09 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .97303
 %RSD 171.77

#1 -.94517
 #2 .53896
 #3 -1.2932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.0	37443.	3114.2	8.1121	3673.1
Stddev	5.1	53.	19.0	.9165	9.9
%RSD	.16002	.14248	.61111	11.298	.26818

#1	3223.9	37502.	3096.5	9.0477	3675.1
#2	3214.4	37399.	3111.7	7.2159	3662.4
#3	3215.6	37427.	3134.3	8.0727	3681.8

Sample Name: K1263-01DUP Acquired: 1/29/2019 19:31:38 Type: Unk
Method: P4-ICP2(v2804) 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	.00021	.00195	.00032	.00125	.00029	.01229	.02715
Stddev	.00156	.00100	.00194	.00172	.00054	.00690	.00857
%RSD	733.16	51.467	608.63	136.94	186.37	56.117	31.570

#1	.00201	.00080	.00203	.00286	.00003	.00537	.02694
#2	-.00077	.00240	.00073	.00145	-.00007	.01233	.03583
#3	-.00060	.00264	-.00180	-.00055	.00091	.01916	.01869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00000	.17262	.00087	.00009	.04643	.14355
Stddev	.00004	.00009	.00393	.00020	.00025	.00530	.00418
%RSD	78.969	4086.0	2.2747	23.392	262.23	11.418	2.9120

#1	-.00005	-.00002	.17670	.00086	-.00018	.05025	.14410
#2	-.00008	-.00008	.17229	.00066	.00030	.04867	.14743
#3	-.00001	.00009	.16886	.00107	.00017	.04038	.13912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02551	-.06191	.00438	.00007	.28990	.00018	.02183
Stddev	.00001	.02315	.00065	.00033	.01874	.00057	.00254
%RSD	.03593	37.397	14.753	457.30	6.4653	314.15	11.634

#1	.02551	-.05732	.00424	.00016	.27469	.00071	.02349
#2	.02552	-.04140	.00381	-.00029	.28417	-.00042	.02308
#3	.02550	-.08702	.00508	.00034	.31083	.00025	.01890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12166	.00012	.02109	.02169	.41802	-.00109	-.00109
Stddev	.00412	.00018	.01242	.01951	.00288	.00049	.00229
%RSD	3.3878	159.19	58.905	89.984	.68870	44.716	210.98

#1	.12510	.00002	.03352	.00541	.41969	-.00053	-.00089
#2	.11709	.00033	.00867	.04332	.41968	-.00136	-.00347
#3	.12278	-.00001	.02108	.01633	.41470	-.00138	.00110

Sample Name: K1263-01DUP Acquired: 1/29/2019 19:31:38 Type: Unk
 Method: P4-ICP2(v2804) 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	-.00789	.0185	.00016	4.2646	F<.00000
Stddev	.00222	.0024	.00004	.3308	.82351
%RSD	28.158	12.93	22.592	7.7565	78.363

#1	-.00927	.0203	.00020	3.9741	-.41366
#2	-.00907	.0195	.00014	4.6246	-1.9808
#3	-.00533	.0158	.00014	4.1949	-.75827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3429.2	37423.	3156.7	8.7553	3914.2
Stddev	336.1	55.	33.5	.7730	380.5
%RSD	9.8006	.14575	1.0604	8.8289	9.7220

#1	3220.8	37366.	3149.9	8.8091	3678.4
#2	3249.9	37475.	3127.1	7.9568	3711.0
#3	3816.9	37429.	3193.0	9.5000	4353.3

Sample Name: CCV07 Acquired: 1/29/2019 19:36:05 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0599	5.1506	5.1264	5.0697	5.1241	10.162	9.8461	.25999
Stddev	.0278	.0394	.0307	.0342	.0226	.060	.0528	.00063
%RSD	.54990	.76560	.59882	.67538	.44126	.59253	.53599	.24202
#1	5.0678	5.1534	5.1226	5.0757	5.1377	10.117	9.8164	.25961
#2	5.0290	5.1099	5.0978	5.0328	5.0980	10.139	9.9070	.26072
#3	5.0830	5.1886	5.1588	5.1005	5.1366	10.231	9.8148	.25965
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5476	26.073	1.0358	2.5563	1.2944	5.3282	2.6243	25.903
Stddev	.0161	.164	.0037	.0152	.0089	.0400	.0031	.232
%RSD	.63366	.62917	.35253	.59304	.68793	.74995	.11904	.89567
#1	2.5480	25.943	1.0316	2.5560	1.2965	5.3094	2.6243	25.671
#2	2.5313	26.258	1.0379	2.5412	1.2846	5.3741	2.6212	26.135
#3	2.5636	26.020	1.0379	2.5716	1.3020	5.3011	2.6275	25.903
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5581	1.2832	25.124	2.5718	2.5422	25.260	5.1655	5.2197
Stddev	.0159	.0062	.073	.0029	.0153	.164	.0286	.0334
%RSD	.62207	.48154	.29093	.11466	.60281	.64826	.55377	.64007
#1	2.5581	1.2761	25.092	2.5707	2.5441	25.137	5.1781	5.1812
#2	2.5422	1.2870	25.208	2.5696	2.5260	25.446	5.1327	5.2408
#3	2.5740	1.2866	25.073	2.5751	2.5565	25.197	5.1856	5.2370
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1396	5.2630	5.0825	5.2086	5.1268	5.048	5.2874	F 9.7929
Stddev	.0507	.0479	.0351	.0076	.0234	.007	.0348	.4267
%RSD	.98616	.91094	.69085	.14514	.45588	.1424	.65764	4.3575
#1	5.0976	5.2339	5.0788	5.2173	5.1215	5.050	5.2750	10.186
#2	5.1254	5.3183	5.0493	5.2046	5.1524	5.040	5.3267	9.3392
#3	5.1959	5.2368	5.1192	5.2039	5.1065	5.054	5.2606	9.8531

Sample Name: CCV07 Acquired: 1/29/2019 19:36:05 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .17225
Stddev	.74588
%RSD	433.01

#1	-.58657
#2	.19887
#3	.90447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.9	34032.	2924.5	7.6246	3022.2
Stddev	10.8	94.	15.2	.1260	12.5
%RSD	.36926	.27498	.51811	1.6522	.41237

#1	2930.7	33982.	2930.1	7.6030	3018.6
#2	2949.5	34140.	2907.4	7.5108	3036.0
#3	2930.7	33973.	2936.0	7.7600	3011.9

Sample Name: CCB07 Acquired: 1/29/2019 19:40:05 Type: Unk
Method: P4-ICP2(v2804) 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	-.00087	.00181	.00097	.00172	.00172	.01281	F .02569
Stddev	.00052	.00104	.00057	.00186	.00120	.00067	.00301
%RSD	60.191	57.698	58.360	107.74	69.457	5.2631	11.721

#1	-.00138	.00272	.00162	-.00029	.00128	.01220	.02266
#2	-.00088	.00203	.00071	.00210	.00081	.01271	.02868
#3	-.00034	.00067	.00058	.00336	.00308	.01353	.02574

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00008	.01097	.00005	.00003	.00023	.00020
Stddev	.00004	.00009	.01519	.00022	.00021	.00046	.00002
%RSD	108.71	105.24	138.43	435.41	628.66	196.96	8.5663

#1	-.00000	-.00016	.01138	.00010	-.00003	.00076	.00019
#2	.00008	-.00011	.02595	-.00019	.00026	-.00003	.00022
#3	.00004	.00001	-.00442	.00024	-.00014	-.00003	.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00731	-.00081	.00059	-.02478	.00033	.00017
Stddev	.00002	.05982	.00011	.00022	.01027	.00031	.00006
%RSD	16.773	818.03	13.610	36.650	41.441	94.493	36.367

#1	.00010	.05833	-.00087	.00081	-.03553	.00046	.00024
#2	.00013	-.05875	-.00068	.00058	-.02375	.00056	.00012
#3	.00009	-.02152	-.00087	.00038	-.01506	-.00003	.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03072	.00041	.00728	F -.03992	.00623	.00003	-.00034
Stddev	.00375	.00023	.00704	.02821	.00227	.00060	.00314
%RSD	12.210	56.982	96.726	70.653	36.516	2035.2	924.79

#1	-.02693	.00066	.01536	-.05630	.00394	.00073	-.00089
#2	-.03443	.00039	.00242	-.05613	.00625	-.00032	-.00317
#3	-.03079	.00019	.00407	-.00735	.00849	-.00032	.00304

Sample Name: CCB07 Acquired: 1/29/2019 19:40:05 Type: Unk
Method: P4-ICP2(v2804) 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	.00362	.0018	.00007	F 6.2644	F<.00000
Stddev	.00227	.0014	.00014	.3603	1.2567
%RSD	62.772	74.12	193.35	5.7520	254.57

#1	.00572	.0029	.00012	6.4683	-1.6374
#2	.00394	.0003	-.00008	6.4766	.85162
#3	.00120	.0023	.00017	5.8484	-.69519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.5	35686.	2946.0	8.3379	3492.8
Stddev	52.6	129.	4.8	.8088	57.3
%RSD	1.6915	.36072	.16149	9.7009	1.6417

#1	3083.8	35579.	2940.5	7.4182	3457.9
#2	3078.5	35651.	2949.2	8.6568	3461.5
#3	3172.2	35829.	2948.2	8.9386	3559.0

Sample Name: K1263-01LX5 Acquired: 1/29/2019 19:44:33 Type: Unk
Method: P4-ICP2(v2804) 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	-.00021	.00072	.00034	.00113	.00306	.00686	.02699	-.00003
Stddev	.00327	.00210	.00039	.00096	.00229	.01442	.00333	.00004
%RSD	1540.3	293.83	114.31	84.380	74.932	210.35	12.325	115.68

#1	-.00166	-.00060	-.00010	.00217	.00056	.01181	.03013	-.00007
#2	.00353	.00314	.00064	.00030	.00506	.01815	.02734	-.00002
#3	-.00251	-.00040	.00048	.00093	.00357	-.00939	.02350	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.05274	.00036	-.00032	.01028	.03292	.00537	-.03293
Stddev	.00008	.01391	.00045	.00017	.00071	.00076	.00006	.05793
%RSD	59.939	26.379	125.13	51.728	6.8659	2.3041	1.1801	175.89

#1	-.00009	.05837	-.00012	-.00014	.01006	.03281	.00531	-.03003
#2	-.00008	.06296	.00077	-.00038	.01107	.03222	.00538	.02349
#3	-.00022	.03690	.00042	-.00046	.00971	.03372	.00543	-.09226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00023	.02992	-.00007	.00517	-.03845	.00001	.00720
Stddev	.00033	.00022	.00827	.00020	.00009	.03023	.00017	.00556
%RSD	71.054	92.480	27.639	265.36	1.6595	78.622	1549.7	77.272

#1	.00078	.00002	.02367	-.00028	.00526	-.00548	.00006	.01290
#2	.00049	.00045	.02680	-.00006	.00517	-.06486	.00015	.00179
#3	.00012	.00023	.03930	.00011	.00509	-.04502	-.00018	.00691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.09305	-.00044	-.00233	-.00078	.0041	-.00011	4.3597
Stddev	.01320	.00191	.00044	.00469	.00051	.0004	.00010	.1570
%RSD	2903.8	2.0473	99.859	201.10	65.437	9.528	90.142	3.6005

#1	.00924	.09465	-.00002	-.00111	-.00136	.0043	-.00021	4.5368
#2	-.01473	.09094	-.00090	-.00751	-.00042	.0044	-.00002	4.3044
#3	.00685	.09356	-.00040	.00162	-.00055	.0037	-.00009	4.2379

Sample Name: K1263-01LX5 Acquired: 1/29/2019 19:44:33 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1156
%RSD 190.88

#1 -1.3158
#2 .69964
#3 -1.1373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.0	36612.	3017.0	7.3962	3509.2
Stddev	4.1	145.	11.8	.9318	8.1
%RSD	.13057	.39598	.39198	12.599	.23159

#1	3125.4	36492.	3003.5	8.3318	3509.6
#2	3120.7	36773.	3022.0	7.3886	3500.8
#3	3128.9	36572.	3025.5	6.4682	3517.1

Sample Name: K1263-01MS Acquired: 1/29/2019 19:49:01 Type: Unk
Method: P4-ICP2(v2804) 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	.90327	2.3682	1.1388	2.2793	.94616	2.3625	.26401	.23753	.22101
Stddev	.00336	.0059	.0018	.0058	.00221	.0144	.00881	.00101	.00044
%RSD	.37205	.24779	.15735	.25329	.23409	.61178	3.3376	.42702	.20065
#1	.90064	2.3742	1.1407	2.2726	.94512	2.3469	.25768	.23853	.22076
#2	.90706	2.3681	1.1373	2.2825	.94870	2.3653	.26027	.23757	.22152
#3	.90211	2.3625	1.1382	2.2827	.94465	2.3754	.27407	.23650	.22074
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4203	.49157	.23183	.42918	4.1060	.27490	2.5768	.58583	.08785
Stddev	.0245	.00175	.00070	.00085	.0086	.00051	.0269	.00151	.00077
%RSD	1.7222	.35683	.30236	.19742	.20934	.18551	1.0434	.25800	.87425
#1	1.4019	.49061	.23168	.42855	4.1022	.27546	2.5638	.58436	.08750
#2	1.4108	.49052	.23260	.43014	4.1000	.27446	2.5589	.58738	.08731
#3	1.4480	.49360	.23122	.42886	4.1159	.27477	2.6077	.58574	.08873
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	4.0125	.36384	.24206	12.385	.49633	.38647	.02465	1.6015	.80542
Stddev	.0286	.00030	.00058	.071	.00139	.00448	.00915	.0111	.00195
%RSD	.71166	.08133	.23913	.57041	.27969	1.1587	37.112	.69102	.24261
#1	4.0208	.36361	.24267	12.390	.49473	.38891	.01832	1.5902	.80660
#2	3.9808	.36418	.24200	12.312	.49699	.38130	.02049	1.6020	.80648
#3	4.0360	.36374	.24151	12.453	.49727	.38919	.03514	1.6123	.80316
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24770	.23526	6.151	.24644	4.2602	9.9958			
Stddev	.00432	.00221	.006	.00186	.4455	.6385			
%RSD	1.7435	.93740	.0913	.75553	10.457	6.3873			
#1	.24823	.23300	6.145	.24526	4.6369	9.7625			
#2	.24313	.23535	6.155	.24549	4.3752	9.5068			
#3	.25172	.23741	6.153	.24859	3.7684	10.718			

Sample Name: K1263-01MS Acquired: 1/29/2019 19:49:01 Type: Unk
Method: P4-ICP2(v2804) 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	3206.0	37358.	3074.9	8.4000	3566.8
Stddev	10.7	24.	10.9	.5315	9.2
%RSD	.33469	.06342	.35480	6.3274	.25759
#1	3216.3	37368.	3083.5	7.8864	3572.2
#2	3194.9	37375.	3078.5	8.9477	3556.2
#3	3206.8	37331.	3062.6	8.3659	3572.0

Sample Name: K1263-01MSD Acquired: 1/29/2019 19:53:08 Type: Unk
Method: P4-ICP2(v2804) 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	.91338	2.3874	1.1467	2.3024	.95486	2.3967	.26477	.23964	.22303
Stddev	.00220	.0108	.0029	.0072	.00162	.0175	.00685	.00029	.00027
%RSD	.24093	.45288	.25624	.31159	.16997	.73042	2.5856	.12224	.11923
#1	.91098	2.3992	1.1464	2.3072	.95447	2.3765	.26177	.23939	.22323
#2	.91385	2.3851	1.1498	2.2941	.95347	2.4067	.27260	.23997	.22273
#3	.91531	2.3780	1.1439	2.3058	.95664	2.4070	.25994	.23958	.22312
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4606	.49866	.23395	.43316	4.1401	.27746	2.5858	.59086	.08792
Stddev	.0014	.00251	.00057	.00128	.0323	.00100	.0585	.00123	.00067
%RSD	.09739	.50421	.24359	.29662	.77978	.36086	2.2617	.20881	.76124
#1	1.4608	.50140	.23383	.43303	4.1601	.27842	2.6317	.59157	.08717
#2	1.4591	.49813	.23457	.43451	4.1573	.27754	2.6057	.59156	.08846
#3	1.4619	.49646	.23344	.43195	4.1029	.27642	2.5200	.58943	.08813
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	4.0519	.36851	.24477	12.460	.50038	.39442	.02788	1.5859	.81499
Stddev	.0168	.00096	.00073	.042	.00099	.00743	.02105	.0062	.00087
%RSD	.41420	.26136	.29632	.33441	.19821	1.8829	75.523	.39270	.10676
#1	4.0703	.36844	.24560	12.498	.50097	.39745	.02245	1.5931	.81400
#2	4.0478	.36758	.24437	12.467	.49924	.38596	.01007	1.5830	.81535
#3	4.0376	.36950	.24432	12.415	.50095	.39985	.05111	1.5817	.81563
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24972	.23978	6.224	.24715	4.9117	10.140			
Stddev	.00100	.00172	.010	.00174	.1807	.518			
%RSD	.39921	.71789	.1612	.70280	3.6782	5.1114			
#1	.24858	.23868	6.229	.24662	5.0794	10.405			
#2	.25014	.24176	6.231	.24910	4.9352	9.5426			
#3	.25043	.23889	6.213	.24575	4.7204	10.472			

Sample Name: K1263-01MSD Acquired: 1/29/2019 19:53:08 Type: Unk
Method: P4-ICP2(v2804) 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	3186.2	37045.	3066.9	8.9295	3536.6
Stddev	7.9	40.	21.0	.1619	7.6
%RSD	.24808	.10684	.68631	1.8135	.21507
#1	3185.5	37068.	3058.6	8.7455	3534.4
#2	3194.4	37000.	3051.2	8.9932	3545.0
#3	3178.7	37068.	3090.8	9.0500	3530.3

Sample Name: K1263-01A Acquired: 1/29/2019 19:57:13 Type: Unk
Method: P4-ICP2(v2804) 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	.91552	2.3894	1.1497	2.2996	.96030	2.4044	.27718	.23943	.22349
Stddev	.00150	.0037	.0010	.0073	.00722	.0144	.00635	.00096	.00044
%RSD	.16355	.15403	.08688	.31677	.75139	.59722	2.2892	.40113	.19507

#1	.91688	2.3854	1.1502	2.3080	.96818	2.4106	.27743	.24034	.22364
#2	.91392	2.3927	1.1503	2.2951	.95868	2.3879	.27071	.23843	.22383
#3	.91576	2.3901	1.1485	2.2958	.95403	2.4146	.28339	.23951	.22300

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4402	.49822	.23410	.43412	4.1786	.27686	2.7318	.59289	.08863
Stddev	.0131	.00140	.00022	.00080	.0285	.00023	.0750	.00108	.00033
%RSD	.90718	.28042	.09306	.18413	.68208	.08213	2.7456	.18285	.37247

#1	1.4267	.49769	.23434	.43472	4.1469	.27710	2.8149	.59295	.08826
#2	1.4412	.49980	.23402	.43443	4.2020	.27683	2.6692	.59178	.08872
#3	1.4528	.49716	.23393	.43321	4.1868	.27665	2.7113	.59395	.08891

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	4.0800	.36884	.24523	12.649	.50340	.39956	.01800	1.6100	.81660
Stddev	.0065	.00054	.00065	.104	.00133	.01292	.01819	.0224	.00251
%RSD	.16015	.14688	.26666	.82074	.26333	3.2341	101.10	1.3913	.30688

#1	4.0769	.36946	.24596	12.556	.50316	.38478	.00884	1.5986	.81774
#2	4.0755	.36844	.24470	12.630	.50222	.40519	.00620	1.6359	.81373
#3	4.0875	.36864	.24503	12.761	.50483	.40872	.03895	1.5957	.81834

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.25201	.24515	6.245	.25067	4.8555	10.632			
Stddev	.00377	.00095	.014	.00122	.7585	.525			
%RSD	1.4964	.38883	.2300	.48693	15.622	4.9372			

#1	.25493	.24406	6.241	.24993	5.4907	10.255			
#2	.24775	.24584	6.260	.25001	4.0157	11.232			
#3	.25336	.24555	6.232	.25208	5.0602	10.410			

Sample Name: K1263-01A Acquired: 1/29/2019 19:57:13 Type: Unk
 Method: P4-ICP2(v2804) 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	3173.8	37118.	3044.6	8.9265	3525.9
Stddev	7.1	184.	12.6	.6119	4.6
%RSD	.22499	.49557	.41379	6.8551	.12969
#1	3170.4	36906.	3051.7	8.8091	3524.2
#2	3182.0	37231.	3030.1	9.5886	3531.1
#3	3169.0	37217.	3052.1	8.3818	3522.5

Sample Name: K1253-01 Acquired: 1/29/2019 20:01:20 Type: Unk
Method: P4-ICP2(v2804) 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	.00411	.00115	.01771	.00095	.00165	.48049	.20982	.00004
Stddev	.00211	.00071	.00090	.00177	.00145	.00966	.00490	.00002
%RSD	51.476	61.698	5.0878	185.31	87.805	2.0103	2.3336	39.006

#1	.00518	.00093	.01832	-.00080	.00023	.48666	.20833	.00002
#2	.00167	.00194	.01813	.00092	.00159	.46936	.21529	.00005
#3	.00547	.00057	.01668	.00273	.00312	.48546	.20584	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	27.288	.00408	.00085	1.3376	.81597	.16649	5.4733
Stddev	.00006	.117	.00044	.00021	.0020	.00483	.00103	.0546
%RSD	8.0141	.43052	10.883	24.341	.14742	.59138	.62000	.99783

#1	.00088	27.322	.00416	.00073	1.3391	.81090	.16575	5.5343
#2	.00078	27.385	.00448	.00072	1.3354	.81649	.16605	5.4566
#3	.00076	27.158	.00360	.00109	1.3384	.82051	.16767	5.4289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	.00030	51.782	.00261	.76734	3.5425	.00130	.04160
Stddev	.00058	.00056	.142	.00005	.00240	.0481	.00032	.00541
%RSD	29.753	186.46	.27339	1.8178	.31290	1.3580	24.970	13.011

#1	.00130	.00091	51.918	.00265	.76727	3.5102	.00094	.04313
#2	.00210	-.00020	51.793	.00256	.76498	3.5978	.00157	.03559
#3	.00242	.00020	51.636	.00263	.76978	3.5195	.00140	.04609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6651	1.1026	.00181	.02116	.01883	.1768	.38872	5.5663
Stddev	.0335	.0055	.00045	.00241	.00104	.0012	.00113	.3750
%RSD	.91456	.49527	24.805	11.386	5.5057	.6615	.29167	6.7372

#1	3.6621	1.0964	.00205	.02156	.01774	.1772	.38948	5.9890
#2	3.7000	1.1050	.00208	.01858	.01980	.1777	.38926	5.4364
#3	3.6331	1.1065	.00129	.02334	.01895	.1755	.38742	5.2735

Sample Name: K1253-01 Acquired: 1/29/2019 20:01:20 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .66460
%RSD 168.32

#1 .28802
#2 -.43299
#3 -1.0395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.5	36022.	3076.8	9.1449	3351.9
Stddev	7.9	107.	14.9	.6718	6.7
%RSD	.25412	.29605	.48485	7.3457	.20132

#1	3099.7	35926.	3074.8	8.4088	3357.5
#2	3098.5	36137.	3063.1	9.3012	3353.7
#3	3085.5	36002.	3092.7	9.7247	3344.4

Sample Name: K1253-01DUP Acquired: 1/29/2019 20:05:43 Type: Unk
Method: P4-ICP2(v2804) 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	.00561	.00083	.01593	.00704	.00195	.47438	.21175
Stddev	.00275	.00129	.00217	.00221	.00070	.00965	.00629
%RSD	49.076	156.30	13.623	31.368	35.648	2.0336	2.9692

#1	.00684	-.00049	.01745	.00487	.00276	.46960	.21223
#2	.00752	.00209	.01689	.00696	.00159	.46807	.21779
#3	.00245	.00087	.01345	.00928	.00151	.48549	.20524

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00077	27.270	.00390	.00112	1.3081	.82304
Stddev	.00006	.00001	.159	.00031	.00016	.0430	.02414
%RSD	152.06	1.2735	.58398	8.0298	13.961	3.2842	2.9327

#1	.00001	.00077	27.119	.00363	.00098	1.3358	.82764
#2	.00010	.00078	27.436	.00424	.00129	1.3298	.84455
#3	-.00000	.00076	27.256	.00383	.00109	1.2586	.79694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16724	5.5143	.00189	.00073	51.718	.00272	.74390
Stddev	.00168	.1172	.00032	.00041	.279	.00006	.02749
%RSD	1.0054	2.1255	16.837	55.474	.53893	2.0447	3.6959

#1	.16724	5.3997	.00155	.00077	51.790	.00266	.75827
#2	.16892	5.5093	.00195	.00031	51.954	.00271	.76124
#3	.16556	5.6340	.00218	.00112	51.411	.00277	.71220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5108	.00120	.03793	3.5947	1.1189	.00093	.01980
Stddev	.0514	.00023	.00250	.1524	.0245	.00021	.00303
%RSD	1.4649	19.295	6.5913	4.2391	2.1852	22.486	15.278

#1	3.5186	.00099	.03522	3.6339	1.1062	.00071	.01633
#2	3.4559	.00116	.04015	3.7236	1.1470	.00113	.02122
#3	3.5579	.00145	.03842	3.4265	1.1033	.00095	.02186

Sample Name: K1253-01DUP Acquired: 1/29/2019 20:05:43 Type: Unk
 Method: P4-ICP2(v2804) 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	.01795	.1719	.38804	5.3358	F<.00000
Stddev	.00127	.0063	.00188	.9055	.61070
%RSD	7.0661	3.661	.48574	16.970	53.125

#1	.01940	.1756	.38818	5.5001	-.96435
#2	.01709	.1754	.38985	4.3594	-.65291
#3	.01735	.1646	.38609	6.1479	-1.8314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.8	36093.	3079.6	7.6599	3411.0
Stddev	97.4	136.	30.5	.4088	111.6
%RSD	3.0939	.37568	.98979	5.3367	3.2705

#1	3089.0	35975.	3070.8	7.8387	3349.5
#2	3096.1	36241.	3054.4	7.1922	3343.6
#3	3261.2	36061.	3113.5	7.9489	3539.7

Sample Name: K1253-01LX5 Acquired: 1/29/2019 20:10:06 Type: Unk
Method: P4-ICP2(v2804) 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	-.00007	.00108	.00427	.00228	.00286	.10094	.05963	.00001
Stddev	.00049	.00171	.00027	.00205	.00075	.00565	.00582	.00008
%RSD	691.76	158.48	6.2890	89.794	26.268	5.6006	9.7691	1011.9

#1	-.00013	-.00085	.00397	-.00000	.00298	.10441	.06298	-.00003
#2	.00045	.00166	.00436	.00289	.00206	.10400	.06299	-.00004
#3	-.00053	.00243	.00449	.00395	.00355	.09442	.05290	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	5.7405	.00049	.00031	.28286	.18131	.03511	1.1708
Stddev	.00002	.0566	.00040	.00021	.00074	.00454	.00044	.0578
%RSD	56.345	.98589	82.790	67.938	.26239	2.5031	1.2544	4.9374

#1	.00001	5.6914	.00094	.00026	.28371	.17620	.03556	1.1375
#2	.00004	5.7276	.00018	.00012	.28236	.18487	.03468	1.2376
#3	.00004	5.8024	.00033	.00053	.28252	.18285	.03510	1.1374

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00008	10.842	.00085	.15199	.87186	.00026	.00893
Stddev	.00032	.00033	.058	.00026	.00001	.05484	.00021	.00260
%RSD	2382.9	436.44	.53392	30.036	.00984	6.2901	80.214	29.167

#1	.00007	-.00028	10.782	.00079	.15199	.91855	.00027	.01171
#2	-.00037	.00038	10.897	.00063	.15197	.88555	.00005	.00655
#3	.00025	.00012	10.848	.00113	.15200	.81147	.00046	.00853

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72513	.23836	.00033	.00388	.00514	.0358	.08273	5.1713
Stddev	.02666	.00124	.00027	.00169	.00241	.0004	.00027	.6811
%RSD	3.6760	.52197	82.779	43.635	46.970	1.207	.32958	13.171

#1	.69491	.23693	.00011	.00198	.00763	.0353	.08249	4.4080
#2	.74533	.23894	.00063	.00521	.00282	.0362	.08267	5.7172
#3	.73514	.23920	.00025	.00444	.00496	.0358	.08303	5.3888

Sample Name: K1253-01LX5 Acquired: 1/29/2019 20:10:06 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .14599
%RSD 19.749

#1 -.73580
#2 -.59500
#3 -.88692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3119.6	36258.	3020.3	8.2192	3460.5
Stddev	7.2	12.	18.0	.8872	2.7
%RSD	.23188	.03312	.59636	10.794	.07919

#1	3111.3	36269.	3041.0	7.3988	3457.8
#2	3122.5	36260.	3011.9	9.1607	3460.6
#3	3124.9	36245.	3008.1	8.0981	3463.2

Sample Name: K1253-01MS Acquired: 1/29/2019 20:14:31 Type: Unk
Method: P4-ICP2(v2804) 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	.93759	2.3761	1.1689	2.3431	.94899	2.8883	.45932	.24552	.22936
Stddev	.00100	.0065	.0031	.0010	.00072	.0255	.00415	.00073	.00048
%RSD	.10700	.27470	.26406	.04217	.07636	.88147	.90245	.29666	.21007
#1	.93702	2.3686	1.1657	2.3422	.94844	2.8629	.46043	.24577	.22895
#2	.93875	2.3805	1.1693	2.3442	.94871	2.8882	.46279	.24470	.22924
#3	.93701	2.3793	1.1718	2.3429	.94981	2.9139	.45473	.24609	.22989
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.376	.49962	.23683	1.7192	4.7687	.41383	8.2940	.59527	.08791
Stddev	.286	.00175	.00018	.0018	.0600	.00060	.1558	.00095	.00052
%RSD	.97420	.35054	.07545	.10573	1.2581	.14466	1.8787	.15920	.59290
#1	29.329	.49889	.23703	1.7206	4.8114	.41445	8.3359	.59420	.08846
#2	29.682	.49835	.23669	1.7199	4.7946	.41325	8.4245	.59563	.08785
#3	29.115	.50162	.23678	1.7172	4.7001	.41378	8.1215	.59599	.08742
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	56.895	.37702	.94536	15.876	.50172	.42485	3.7433	2.4821	.83588
Stddev	.696	.00034	.00241	.087	.00063	.00506	.0426	.0391	.00209
%RSD	1.2235	.09084	.25441	.54731	.12605	1.1899	1.1385	1.5752	.25044
#1	57.183	.37729	.94260	15.850	.50234	.41955	3.7417	2.4948	.83656
#2	57.402	.37712	.94652	15.972	.50174	.42541	3.7015	2.5133	.83354
#3	56.102	.37663	.94697	15.804	.50107	.42961	3.7867	2.4383	.83756
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.27350	.25264	6.910	.63752	6.6785	10.888			
Stddev	.00202	.00502	.010	.00762	.3089	.676			
%RSD	.73716	1.9872	.1420	1.1958	4.6255	6.2067			
#1	.27517	.25390	6.912	.63946	6.5655	11.447			
#2	.27126	.25692	6.900	.64398	7.0280	10.137			
#3	.27407	.24712	6.919	.62911	6.4420	11.081			

Sample Name: K1253-01MS Acquired: 1/29/2019 20:14:31 Type: Unk
Method: P4-ICP2(v2804) 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	3090.8	35990.	3045.4	8.5771	3309.1
Stddev	1.8	81.	34.7	.5943	7.6
%RSD	.05770	.22414	1.1398	6.9292	.23012
#1	3092.6	36030.	3040.4	8.0894	3317.4
#2	3089.1	35897.	3013.5	8.4029	3307.4
#3	3090.6	36044.	3082.4	9.2391	3302.5

Sample Name: K1253-01MSD Acquired: 1/29/2019 20:18:36 Type: Unk
Method: P4-ICP2(v2804) 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	.94073	2.3721	1.1646	2.3512	.95165	3.0603	.46073	.25997	.22896
Stddev	.00734	.0043	.0015	.0034	.00150	.2632	.00294	.02519	.00045
%RSD	.78056	.17901	.13241	.14417	.15716	8.5995	.63841	9.6910	.19580

#1	.94374	2.3770	1.1640	2.3486	.95308	3.3620	.46176	.28905	.22895
#2	.93236	2.3704	1.1634	2.3501	.95009	2.9406	.45742	.24604	.22941
#3	.94609	2.3690	1.1663	2.3551	.95177	2.8782	.46302	.24481	.22852

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.383	.52761	.23594	1.7229	4.8429	.43842	8.3023	.59506	.09216
Stddev	.258	.05121	.00069	.0029	.0788	.04140	.0982	.00157	.00827
%RSD	.87849	9.7063	.29092	.16865	1.6276	9.4424	1.1830	.26312	8.9731

#1	29.403	.58662	.23515	1.7245	4.9329	.48619	8.4118	.59417	.10170
#2	29.630	.50151	.23622	1.7246	4.8097	.41595	8.2731	.59415	.08711
#3	29.115	.49471	.23643	1.7195	4.7862	.41312	8.2220	.59687	.08766

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	57.245	.40055	.94061	15.906	.50417	.40850	3.7344	2.5964	.83512
Stddev	.260	.03846	.00205	.071	.00108	.00185	.0574	.0487	.00321
%RSD	.45420	9.6030	.21815	.44432	.21397	.45264	1.5361	1.8768	.38414

#1	57.531	.44492	.93835	15.937	.50531	.41017	3.6705	2.6526	.83337
#2	57.180	.38003	.94110	15.957	.50317	.40651	3.7813	2.5661	.83883
#3	57.024	.37670	.94237	15.826	.50401	.40882	3.7515	2.5704	.83318

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28275	.25268	6.917	.64141	9.3643	9.2108
Stddev	.00538	.00338	.012	.00262	3.6811	1.0597
%RSD	1.9033	1.3390	.1770	.40874	39.310	11.505

#1	.28498	.25135	6.906	.64270	13.605	8.3091
#2	.28666	.25652	6.930	.64315	7.4914	10.378
#3	.27661	.25016	6.914	.63840	6.9963	8.9452

Sample Name: K1253-01MSD Acquired: 1/29/2019 20:18:36 Type: Unk
 Method: P4-ICP2(v2804) 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	3079.5	34182.	3015.4	8.1818	3303.3
Stddev	5.4	2731.	20.6	.3184	12.5
%RSD	.17465	7.9884	.68471	3.8920	.37750
#1	3085.0	31039.	3000.9	8.4412	3317.7
#2	3079.4	35538.	3006.4	8.2779	3296.4
#3	3074.2	35970.	3039.1	7.8264	3295.9

Sample Name: K1253-01A Acquired: 1/29/2019 20:22:40 Type: Unk
Method: P4-ICP2(v2804) 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	.93679	2.3805	1.1666	2.3514	.95312	2.9283	.46583	.24575	.22966
Stddev	.00494	.0049	.0031	.0060	.00086	.0182	.00309	.00058	.00012
%RSD	.52781	.20730	.26550	.25545	.09065	.62101	.66398	.23703	.05425
#1	.94035	2.3818	1.1677	2.3580	.95220	2.9073	.46904	.24637	.22979
#2	.93888	2.3847	1.1631	2.3501	.95325	2.9395	.46287	.24567	.22954
#3	.93115	2.3751	1.1690	2.3462	.95391	2.9380	.46558	.24521	.22963
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.715	.49977	.23702	1.7177	4.8665	.41478	8.3583	.59732	.08839
Stddev	.122	.00061	.00073	.0079	.0142	.00157	.0893	.00105	.00020
%RSD	.40969	.12190	.30778	.45843	.29229	.37850	1.0690	.17660	.22537
#1	29.666	.49995	.23628	1.7239	4.8733	.41491	8.2651	.59660	.08861
#2	29.625	.50028	.23704	1.7204	4.8501	.41628	8.4432	.59683	.08821
#3	29.853	.49910	.23774	1.7089	4.8760	.41315	8.3664	.59853	.08836
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	57.596	.37887	.94572	16.054	.50464	.41518	3.7581	2.6984	.84098
Stddev	.110	.00053	.00300	.071	.00128	.00961	.0467	.0044	.00293
%RSD	.19048	.13875	.31771	.44118	.25391	2.3144	1.2427	.16449	.34874
#1	57.610	.37943	.94854	16.085	.50611	.42628	3.7707	2.7033	.84374
#2	57.480	.37877	.94606	15.973	.50408	.40952	3.7973	2.6946	.84129
#3	57.699	.37840	.94256	16.103	.50374	.40975	3.7064	2.6973	.83790
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.28655	.25597	6.941	.64573	7.0250	9.2577			
Stddev	.00133	.00159	.017	.00170	.2219	.8341			
%RSD	.46452	.61959	.2410	.26332	3.1588	9.0094			
#1	.28764	.25735	6.960	.64377	6.7923	9.5522			
#2	.28694	.25423	6.927	.64677	7.2343	9.9046			
#3	.28506	.25632	6.936	.64665	7.0484	8.3164			

Sample Name: K1253-01A Acquired: 1/29/2019 20:22:40 Type: Unk
Method: P4-ICP2(v2804) 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	3090.4	35772.	2993.2	8.6897	3305.5
Stddev	9.2	175.	4.1	1.6492	6.9
%RSD	.29786	.48959	.13766	18.979	.20776
#1	3087.6	35861.	2990.0	7.4322	3301.7
#2	3082.9	35570.	2997.8	10.557	3301.5
#3	3100.7	35885.	2991.8	8.0800	3313.5

Sample Name: CCV08 Acquired: 1/29/2019 20:26:45 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1780	5.2509	5.1586	5.2266	5.2173	10.259	10.197	.26483
Stddev	.0240	.0236	.0287	.0310	.0259	.004	.037	.00015
%RSD	.46307	.44970	.55572	.59272	.49675	.03712	.36521	.05654
#1	5.1897	5.2723	5.1706	5.2404	5.2167	10.262	10.154	.26471
#2	5.1938	5.2548	5.1793	5.2483	5.2435	10.255	10.218	.26500
#3	5.1504	5.2256	5.1259	5.1911	5.1917	10.260	10.219	.26477
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5958	26.804	1.0686	2.5902	1.3329	F 5.5891	2.6595	26.966
Stddev	.0136	.105	.0030	.0138	.0083	.0355	.0034	.130
%RSD	.52371	.39100	.28311	.53203	.62306	.63492	.12767	.48116
#1	2.6053	26.685	1.0720	2.5973	1.3378	5.5510	2.6598	26.817
#2	2.6019	26.883	1.0675	2.5990	1.3376	5.5950	2.6560	27.027
#3	2.5802	26.843	1.0662	2.5743	1.3233	5.6212	2.6628	27.054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6283	1.3197	26.141	2.6705	2.5579	26.571	5.3776	5.4197
Stddev	.0141	.0039	.135	.0027	.0139	.152	.0290	.0474
%RSD	.53714	.29175	.51729	.10009	.54413	.57179	.54011	.87393
#1	2.6320	1.3241	25.985	2.6705	2.5654	26.397	5.3909	5.3672
#2	2.6401	1.3172	26.218	2.6678	2.5665	26.638	5.3976	5.4592
#3	2.6126	1.3177	26.221	2.6732	2.5419	26.677	5.3443	5.4328
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2617	F 5.5070	5.3005	5.3551	5.2403	5.172	5.3931	F 9.1225
Stddev	.0538	.0423	.0207	.0164	.0274	.018	.0215	.3165
%RSD	1.0217	.76876	.38978	.30542	.52235	.3408	.39931	3.4693
#1	5.2800	5.4641	5.3105	5.3365	5.2091	5.184	5.3694	8.7909
#2	5.2012	5.5082	5.3144	5.3675	5.2518	5.181	5.3983	9.1554
#3	5.3040	5.5487	5.2768	5.3612	5.2601	5.152	5.4115	9.4213

Sample Name: CCV08 Acquired: 1/29/2019 20:26:45 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .56682
Stddev	.11110
%RSD	19.601

#1	.43984
#2	.64616
#3	.61445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.7	34305.	2911.0	6.7752	3048.9
Stddev	20.2	95.	11.1	.6400	19.3
%RSD	.68510	.27692	.37992	9.4466	.63403

#1	2947.1	34284.	2920.6	7.2190	3038.7
#2	2939.3	34409.	2913.6	6.0415	3036.8
#3	2977.6	34222.	2898.9	7.0651	3071.2

Sample Name: CCB08 Acquired: 1/29/2019 20:30:46 Type: Unk
Method: P4-ICP2(v2804) 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	.00056	.00182	-.00168	.00282	.00118	.02174	F .02916
Stddev	.00167	.00117	.00362	.00169	.00205	.01211	.00281
%RSD	301.41	64.477	215.56	59.951	173.34	55.695	9.6437

#1	.00043	.00057	.00064	.00420	.00105	.03501	.02662
#2	.00229	.00289	.00017	.00331	.00329	.01130	.02868
#3	-.00105	.00200	-.00585	.00094	-.00080	.01891	.03219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00004	.02205	.00003	-.00004	-.00042	.00049
Stddev	.00001	.00010	.01357	.00027	.00002	.00038	.00461
%RSD	35.641	283.06	61.528	834.25	44.408	90.358	936.33

#1	-.00003	-.00011	.01139	.00031	-.00002	-.00073	-.00422
#2	-.00006	-.00007	.01744	-.00023	-.00005	-.00054	.00072
#3	-.00003	.00008	.03733	.00002	-.00005	.00000	.00498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.07699	.00016	.00075	-.01519	.00003	.00012
Stddev	.00001	.02152	.00127	.00039	.00709	.00040	.00024
%RSD	6.8274	27.946	799.71	51.993	46.691	1458.6	204.15

#1	.00011	-.07239	-.00039	.00055	-.02333	-.00036	.00022
#2	.00010	-.05815	-.00075	.00050	-.01186	.00045	.00029
#3	.00010	-.10044	.00161	.00119	-.01037	-.00001	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10277	.00045	-.00106	F -.02045	.00412	.00009	.00272
Stddev	.02796	.00013	.01056	.03735	.00135	.00133	.00387
%RSD	27.204	28.621	995.40	182.67	32.835	1470.9	142.16

#1	-.12962	.00032	.01028	-.00079	.00447	.00134	-.00025
#2	-.10485	.00057	-.00283	.00297	.00526	.00025	.00709
#3	-.07383	.00045	-.01062	-.06352	.00263	-.00131	.00132

Sample Name: CCB08 Acquired: 1/29/2019 20:30:46 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00534	-.0001	.00004	F 5.6611	F<.00000
Stddev	.00103	.0005	.00011	.4109	.29104
%RSD	19.317	426.5	272.38	7.2585	15.273

#1	.00433	-.0005	.00004	6.1138	-1.6764
#2	.00639	-.0003	-.00007	5.3116	-2.2331
#3	.00529	.0004	.00015	5.5579	-1.8074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.1	36089.	2999.2	8.2962	4068.7
Stddev	785.0	68.	37.5	.2305	923.0
%RSD	21.829	.18787	1.2488	2.7788	22.684

#1	3112.1	36038.	2956.3	8.5614	3500.2
#2	3174.3	36166.	3025.1	8.1432	3572.3
#3	4501.8	36062.	3016.3	8.1841	5133.6

Sample Name: K1253-02 Acquired: 1/29/2019 20:35:14 Type: Unk
Method: P4-ICP2(v2804) 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	.00163	.00138	.01090	.00311	.00273	.51081	.05927	-.00001
Stddev	.00104	.00044	.00056	.00221	.00109	.00877	.00356	.00002
%RSD	64.190	32.109	5.1694	71.072	40.099	1.7177	6.0069	187.46

#1	.00052	.00187	.01125	.00120	.00397	.50511	.05759	-.00003
#2	.00177	.00102	.01025	.00260	.00231	.52091	.05686	-.00001
#3	.00259	.00124	.01119	.00552	.00190	.50640	.06336	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	4.8090	.00997	.00043	.37839	.80214	.02126	1.5322
Stddev	.00007	.0117	.00052	.00013	.00122	.00613	.00008	.0532
%RSD	1898.5	.24389	5.2532	30.204	.32221	.76479	.38545	3.4733

#1	.00008	4.8162	.01047	.00037	.37944	.80913	.02119	1.5909
#2	-.00003	4.8153	.00942	.00034	.37866	.79765	.02135	1.5188
#3	-.00005	4.7954	.01001	.00058	.37705	.79964	.02123	1.4870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	.00042	10.636	.00213	.37836	.56639	.00084	.03691
Stddev	.00033	.00047	.049	.00025	.00389	.01396	.00012	.01377
%RSD	8.4854	111.21	.45997	11.834	1.0291	2.4639	13.931	37.320

#1	.00378	.00090	10.683	.00239	.38253	.55648	.00096	.05093
#2	.00432	-.00004	10.586	.00213	.37482	.56034	.00082	.02340
#3	.00371	.00040	10.640	.00188	.37773	.58235	.00073	.03640

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94678	.69256	.00037	.01495	-.00195	.0593	.03765	3.2359
Stddev	.00731	.00352	.00043	.00125	.00276	.0003	.00015	.2518
%RSD	.77244	.50865	117.34	8.3474	141.10	.5503	.41125	7.7821

#1	.95115	.69524	.00020	.01614	.00123	.0596	.03775	3.4128
#2	.95084	.69387	.00005	.01504	-.00352	.0590	.03747	3.3474
#3	.93833	.68857	.00086	.01365	-.00358	.0595	.03773	2.9476

Sample Name: K1253-02 Acquired: 1/29/2019 20:35:14 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .69211
 %RSD 108.36

#1 -1.3032
 #2 -.69103
 #3 .07807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.7	37612.	3126.1	8.1445	3624.6
Stddev	5.5	103.	23.0	1.6191	24.6
%RSD	.16827	.27480	.73488	19.880	.67954

#1	3235.2	37547.	3105.5	9.8005	3600.0
#2	3245.8	37558.	3150.8	8.0683	3649.2
#3	3238.1	37731.	3121.9	6.5648	3624.8

Sample Name: K1253-03 Acquired: 1/29/2019 20:39:38 Type: Unk
Method: P4-ICP2(v2804) 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	.00274	.00185	.00895	.00099	.00205	.19449	.03637
Stddev	.00010	.00179	.00058	.00361	.00099	.00509	.00202
%RSD	3.7773	96.985	6.5200	364.50	48.467	2.6153	5.5580

#1	.00281	.00294	.00922	.00470	.00159	.19337	.03511
#2	.00278	.00283	.00935	.00078	.00319	.20005	.03529
#3	.00262	-.00022	.00828	-.00251	.00137	.19006	.03870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00013	1.9501	.00268	.00003	.17548	.34273
Stddev	.00009	.00001	.0110	.00041	.00015	.00011	.00814
%RSD	14750.	6.1250	.56536	15.446	493.52	.06369	2.3748

#1	-.00011	-.00014	1.9387	.00233	.00009	.17561	.34296
#2	.00004	-.00013	1.9608	.00314	.00015	.17541	.35075
#3	.00007	-.00013	1.9507	.00258	-.00014	.17542	.33448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00988	1.1447	.00111	.00033	6.7419	.00157	.16586
Stddev	.00013	.0891	.00010	.00050	.0769	.00020	.00008
%RSD	1.3590	7.7853	8.7116	151.94	1.1405	12.936	.04898

#1	.00984	1.2437	.00123	.00000	6.6545	.00152	.16588
#2	.01003	1.1195	.00105	.00008	6.7723	.00179	.16593
#3	.00976	1.0709	.00107	.00091	6.7990	.00139	.16577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32359	.00030	.02251	.56747	.27253	-.00000	.00400
Stddev	.02612	.00023	.00209	.02260	.00579	.00088	.00392
%RSD	8.0708	76.282	9.2881	3.9831	2.1262	72401.	97.857

#1	.31157	.00054	.02359	.54146	.26613	-.00031	.00233
#2	.35355	.00009	.02010	.58235	.27742	-.00068	.00120
#3	.30564	.00028	.02384	.57859	.27403	.00099	.00848

Sample Name: K1253-03 Acquired: 1/29/2019 20:39:38 Type: Unk
Method: P4-ICP2(v2804) 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	-.00371	.0353	.00812	2.7778	F<.00000
Stddev	.00275	.0014	.00008	.4879	.96371
%RSD	74.306	3.851	.98397	17.564	76.200

#1	-.00132	.0350	.00805	2.5551	-1.5131
#2	-.00672	.0368	.00810	2.4409	-.20112
#3	-.00307	.0341	.00821	3.3372	-2.0799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.2	37824.	3141.5	9.1187	3669.2
Stddev	2.6	171.	39.6	.9142	4.8
%RSD	.08123	.45260	1.2600	10.025	.12966

#1	3240.7	37977.	3187.2	9.6454	3665.9
#2	3242.6	37639.	3119.0	9.6476	3667.1
#3	3237.4	37856.	3118.2	8.0631	3674.7

Sample Name: K1253-04 Acquired: 1/29/2019 20:44:05 Type: Unk
Method: P4-ICP2(v2804) 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	.00537	.00017	.00708	.00328	.00246	1.0970	.03897	.00001
Stddev	.00180	.00078	.00078	.00301	.00105	.0236	.00855	.00010
%RSD	33.457	465.35	11.089	91.736	42.712	2.1504	21.945	704.21

#1	.00381	.00075	.00783	.00543	.00364	1.0699	.03831	.00011
#2	.00497	.00046	.00714	.00457	.00212	1.1077	.04783	-.00010
#3	.00733	-.00071	.00627	-.00016	.00162	1.1133	.03077	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	4.6304	.00657	.00138	.22637	2.4856	.04644	2.2328
Stddev	.00010	.0369	.00046	.00012	.00024	.0255	.00018	.1039
%RSD	45.063	.79693	6.9418	8.6472	.10577	1.0260	.38224	4.6510

#1	-.00014	4.6408	.00640	.00151	.22664	2.4995	.04663	2.3284
#2	-.00032	4.6610	.00709	.00130	.22618	2.5011	.04640	2.1223
#3	-.00017	4.5894	.00623	.00132	.22629	2.4562	.04628	2.2476

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	.00013	9.2604	.00479	.14725	1.2571	.00068	.02019
Stddev	.00048	.00051	.0343	.00024	.00012	.0287	.00014	.01065
%RSD	23.383	401.61	.37054	4.9678	.08224	2.2831	20.953	52.749

#1	.00149	.00054	9.2982	.00487	.14739	1.2884	.00064	.03131
#2	.00229	.00028	9.2313	.00452	.14718	1.2320	.00056	.01918
#3	.00233	-.00044	9.2516	.00497	.14718	1.2509	.00084	.01008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0819	1.7179	-.00004	.04268	-.00048	.1242	.02166	2.9089
Stddev	.0241	.0063	.00041	.00404	.00339	.0019	.00018	.2669
%RSD	2.2282	.36876	1016.3	9.4611	704.57	1.566	.83354	9.1753

#1	1.0541	1.7236	-.00039	.04489	.00143	.1250	.02148	2.9698
#2	1.0948	1.7189	-.00014	.03802	-.00439	.1220	.02166	2.6168
#3	1.0969	1.7111	.00041	.04513	.00152	.1256	.02184	3.1401

Sample Name: K1253-04 Acquired: 1/29/2019 20:44:05 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0392
 Stddev .8785
 %RSD 84.543

#1 1.3611
 #2 .04506
 #3 1.7113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.0	37553.	3132.7	9.1444	3622.5
Stddev	4.0	103.	20.2	.5938	5.3
%RSD	.12408	.27310	.64532	6.4940	.14766

#1	3229.3	37438.	3129.8	8.4734	3624.0
#2	3232.9	37635.	3114.1	9.3575	3626.9
#3	3224.9	37587.	3154.3	9.6023	3616.5

Sample Name: K1011-10 Acquired: 1/29/2019 20:48:28 Type: Unk
Method: P4-ICP2(v2804) 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	.00132	-.00175	.00986	.00518	-.00110	.15442	.16351
Stddev	.00183	.00060	.00162	.00254	.00192	.01912	.00411
%RSD	138.28	34.191	16.401	48.975	174.61	12.384	2.5140

#1	-.00076	-.00240	.00981	.00699	.00101	.13995	.16825
#2	.00206	-.00162	.01151	.00228	-.00272	.17610	.16084
#3	.00267	-.00122	.00827	.00628	-.00158	.14720	.16145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00009	65.018	-.00050	.00636	.00331	.20961
Stddev	.00004	.00008	.837	.00077	.00021	.00098	.00326
%RSD	93.294	90.856	1.2869	156.00	3.3626	29.696	1.5546

#1	.00008	-.00008	65.350	.00035	.00651	.00438	.20768
#2	.00002	-.00001	64.066	-.00067	.00647	.00310	.20778
#3	.00002	-.00016	65.638	-.00117	.00612	.00245	.21337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1040	6.2607	.00551	.00089	317.64	-.00046	.02589
Stddev	.0023	.1083	.00015	.00075	5.62	.00031	.00042
%RSD	.20917	1.7291	2.6941	84.492	1.7691	67.873	1.6199

#1	1.1035	6.3752	.00562	.00170	322.70	-.00021	.02603
#2	1.1019	6.1599	.00534	.00020	311.59	-.00080	.02623
#3	1.1065	6.2470	.00558	.00078	318.64	-.00036	.02542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4214	.00013	.01450	.88255	3.3225	.00594	-.00321
Stddev	.0365	.00012	.01209	.01684	.0034	.00080	.00202
%RSD	2.5692	91.781	83.361	1.9081	.10380	13.451	62.860

#1	1.3799	-.00001	.00078	.88390	3.3263	.00618	-.00490
#2	1.4354	.00021	.02360	.86507	3.3214	.00505	-.00376
#3	1.4488	.00020	.01911	.89867	3.3197	.00659	-.00098

Sample Name: K1011-10 Acquired: 1/29/2019 20:48:28 Type: Unk
 Method: P4-ICP2(v2804) 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	.00494	.0015	.23532	8.5593	F<.00000
Stddev	.00396	.0007	.00101	.7358	.51306
%RSD	80.069	45.09	.42804	8.5960	13.688
#1	.00039	.0019	.23554	9.1618	-3.4846
#2	.00687	.0018	.23422	7.7393	-4.3395
#3	.00757	.0007	.23620	8.7769	-3.4205
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2939.9	33913.	3026.8	7.6403	3009.7
Stddev	21.7	108.	37.7	.3249	26.0
%RSD	.73718	.31750	1.2450	4.2524	.86511
#1	2943.2	33852.	2998.4	8.0150	3012.6
#2	2916.8	34038.	3069.5	7.4693	2982.4
#3	2959.7	33851.	3012.4	7.4366	3034.2

Sample Name: K1011-10DUP Acquired: 1/29/2019 20:53:03 Type: Unk
Method: P4-ICP2(v2804) 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	-.00157	-.00207	.01107	.00609	.00318	.16976	.17875
Stddev	.00050	.00108	.00060	.00350	.00191	.00412	.00217
%RSD	31.781	52.385	5.4116	57.407	60.116	2.4299	1.2133

#1	-.00193	-.00284	.01161	.00324	.00523	.16710	.17945
#2	-.00177	-.00083	.01117	.00505	.00143	.17451	.18047
#3	-.00100	-.00254	.01042	.01000	.00289	.16766	.17631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00005	72.114	-.00001	.00685	.00398	.22647
Stddev	.00005	.00008	.345	.00047	.00019	.00019	.00293
%RSD	120.89	182.48	.47784	3681.7	2.8409	4.8502	1.2951

#1	.00001	.00002	71.720	.00033	.00664	.00379	.22434
#2	.00010	-.00002	72.267	-.00055	.00701	.00417	.22982
#3	.00001	-.00014	72.356	.00018	.00691	.00399	.22526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1960	6.7905	.00610	.00059	345.75	-.00016	.02807
Stddev	.0056	.0555	.00023	.00045	.87	.00016	.00015
%RSD	.46724	.81783	3.8352	75.810	.25265	102.84	.52771

#1	1.1963	6.8540	.00637	.00007	344.78	.00003	.02823
#2	1.1902	6.7665	.00603	.00087	346.01	-.00027	.02805
#3	1.2014	6.7509	.00592	.00084	346.47	-.00022	.02794

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4906	.00010	.02554	1.0335	3.6429	.00302	-.00052
Stddev	.0218	.00014	.01671	.0204	.0392	.00041	.00430
%RSD	1.4644	142.95	65.415	1.9736	1.0756	13.657	831.50

#1	1.4873	-.00005	.04281	1.0204	3.6436	.00296	-.00388
#2	1.5139	.00012	.02437	1.0230	3.6818	.00346	-.00200
#3	1.4707	.00023	.00945	1.0570	3.6034	.00264	.00433

Sample Name: K1011-10DUP Acquired: 1/29/2019 20:53:03 Type: Unk
 Method: P4-ICP2(v2804) 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	.01126	.0017	.25827	9.5588	F<.00000
Stddev	.00315	.0027	.00111	.4593	.52931
%RSD	28.019	161.6	.43047	4.8050	17.016

#1	.01226	.0045	.25709	9.2230	-3.0988
#2	.00772	-.0009	.25929	9.3712	-2.5873
#3	.01379	.0014	.25843	10.082	-3.6458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.2	33425.	2922.8	8.4097	2976.0
Stddev	20.1	74.	10.1	.6883	23.1
%RSD	.69413	.22234	.34567	8.1851	.77719

#1	2876.4	33429.	2932.7	9.1835	2953.3
#2	2898.6	33498.	2912.5	7.8654	2975.2
#3	2916.5	33349.	2923.4	8.1803	2999.6

Sample Name: K1011-10LX5 Acquired: 1/29/2019 20:57:38 Type: Unk
Method: P4-ICP2(v2804) 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	-.00103	-.00004	.00316	.00332	.00157	.03617	.05676
Stddev	.00161	.00198	.00013	.00229	.00067	.01489	.00586
%RSD	156.55	5347.7	4.1915	68.989	42.776	41.150	10.320

#1	.00023	-.00228	.00301	.00144	.00129	.03893	.06338
#2	-.00284	.00068	.00322	.00265	.00234	.02010	.05227
#3	-.00047	.00149	.00325	.00587	.00109	.04949	.05462

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00019	13.767	.00001	.00126	.00110	.04770
Stddev	.00009	.00004	.098	.00050	.00017	.00027	.00272
%RSD	214.27	22.405	.70859	3725.4	13.186	24.587	5.7103

#1	.00004	-.00024	13.715	.00010	.00114	.00123	.04456
#2	-.00005	-.00015	13.705	-.00052	.00120	.00128	.04944
#3	.00013	-.00020	13.879	.00047	.00145	.00079	.04911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23096	1.2902	-.00023	.00012	65.948	-.00014	.00485
Stddev	.00021	.0712	.00029	.00034	.527	.00060	.00014
%RSD	.09045	5.5202	125.98	271.95	.79890	422.34	2.8119

#1	.23120	1.2996	.00009	-.00010	66.236	-.00009	.00493
#2	.23082	1.3563	-.00030	.00051	66.268	.00043	.00492
#3	.23087	1.2148	-.00048	-.00004	65.340	-.00077	.00469

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18531	.00025	.00067	.15653	.72235	.00074	-.00511
Stddev	.01418	.00026	.00488	.01059	.00714	.00068	.00230
%RSD	7.6521	104.97	728.16	6.7623	.98842	91.963	45.072

#1	.17563	.00001	.00429	.16725	.72056	.00107	-.00324
#2	.17870	.00053	.00261	.14609	.73021	-.00004	-.00441
#3	.20158	.00021	-.00488	.15626	.71628	.00120	-.00768

Sample Name: K1011-10LX5 Acquired: 1/29/2019 20:57:38 Type: Unk
 Method: P4-ICP2(v2804) 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	.00392	.0007	.04841	6.1897	F<.00000
Stddev	.00448	.0006	.00051	.1695	.63413
%RSD	114.39	75.49	1.0512	2.7378	28.041

#1	.00319	.0001	.04803	6.0322	-2.7692
#2	-.00016	.0012	.04820	6.3690	-2.4644
#3	.00871	.0008	.04899	6.1678	-1.5507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.8	35614.	2995.8	7.5553	3268.1
Stddev	11.9	175.	20.4	.5902	16.4
%RSD	.39064	.49200	.68235	7.8117	.50336

#1	3060.1	35604.	2981.3	7.3334	3262.0
#2	3061.3	35443.	2986.8	7.1082	3286.7
#3	3040.1	35793.	3019.2	8.2243	3255.6

Sample Name: K1011-10MS Acquired: 1/29/2019 21:02:05 Type: Unk
Method: P4-ICP2(v2804) 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	.87361	2.1240	1.0541	2.2290	.87608	2.3835	.40057	.22482	.21689
Stddev	.00048	.0055	.0015	.0017	.00140	.0260	.00109	.00029	.00064
%RSD	.05534	.25984	.14576	.07544	.16015	1.0891	.27196	.12783	.29652
#1	.87414	2.1214	1.0524	2.2281	.87449	2.3576	.40154	.22507	.21637
#2	.87320	2.1304	1.0554	2.2280	.87715	2.3836	.39939	.22451	.21761
#3	.87350	2.1203	1.0544	2.2310	.87660	2.4095	.40079	.22487	.21669
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.265	.45424	.22673	.33781	3.7255	1.4368	9.3489	.56100	.08171
Stddev	.218	.00175	.00031	.00072	.0133	.0008	.0219	.00192	.00072
%RSD	.29294	.38436	.13767	.21218	.35556	.05642	.23416	.34246	.88015
#1	74.292	.45610	.22638	.33719	3.7243	1.4368	9.3440	.55965	.08224
#2	74.468	.45400	.22688	.33766	3.7393	1.4359	9.3299	.56320	.08089
#3	74.035	.45263	.22695	.33860	3.7129	1.4376	9.3728	.56015	.08199
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	358.20	.34971	.24995	12.977	.47360	.35579	.93885	4.7925	.79995
Stddev	1.21	.00170	.00082	.040	.00086	.00459	.01475	.0055	.00067
%RSD	.33672	.48563	.32727	.30469	.18191	1.2897	1.5714	.11428	.08336
#1	357.12	.34857	.24903	12.933	.47397	.35602	.92596	4.7964	.79950
#2	359.50	.34891	.25057	12.987	.47422	.35109	.95494	4.7862	.80072
#3	357.98	.35167	.25026	13.010	.47262	.36026	.93567	4.7948	.79964
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23240	.23148	6.623	.47557	8.8184	6.1496			
Stddev	.00146	.00293	.007	.00147	.5453	.4196			
%RSD	.62776	1.2651	.1139	.30847	6.1841	6.8238			
#1	.23078	.22825	6.619	.47508	8.4373	6.3688			
#2	.23280	.23222	6.632	.47722	8.5748	5.6658			
#3	.23361	.23396	6.619	.47442	9.4431	6.4143			

Sample Name: K1011-10MS Acquired: 1/29/2019 21:02:05 Type: Unk
Method: P4-ICP2(v2804) 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	2947.3	34186.	2935.3	7.6153	3008.6
Stddev	1.4	93.	9.9	.5089	2.8
%RSD	.04669	.27347	.33811	6.6820	.09340
#1	2945.8	34181.	2926.4	7.3402	3007.6
#2	2948.4	34282.	2933.4	7.3032	3006.3
#3	2947.8	34095.	2946.0	8.2025	3011.7

Sample Name: K1011-10MSD Acquired: 1/29/2019 21:06:21 Type: Unk
Method: P4-ICP2(v2804) 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	.88464	2.1520	1.0710	2.2617	.88904	2.4527	.41607	.23178	.21929
Stddev	.00170	.0054	.0048	.0081	.00554	.0086	.00475	.00127	.00084
%RSD	.19197	.24923	.44646	.35845	.62319	.35081	1.1418	.54861	.38278

#1	.88340	2.1582	1.0755	2.2684	.89491	2.4582	.41150	.23035	.22005
#2	.88658	2.1495	1.0660	2.2641	.88830	2.4428	.41573	.23221	.21839
#3	.88395	2.1485	1.0717	2.2527	.88391	2.4572	.42098	.23278	.21943

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.958	.46927	.22998	.34189	3.8078	1.4801	9.5300	.57044	.08322
Stddev	.954	.00226	.00086	.00119	.0391	.0058	.0240	.00170	.00101
%RSD	1.2554	.48134	.37543	.34663	1.0269	.39262	.25170	.29825	1.2125

#1	74.873	.46668	.23036	.34262	3.7630	1.4745	9.5069	.57211	.08224
#2	76.666	.47077	.22899	.34052	3.8255	1.4796	9.5548	.56871	.08315
#3	76.334	.47037	.23059	.34253	3.8350	1.4861	9.5283	.57051	.08426

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	364.06	.36114	.25259	13.190	.48048	.37073	.99017	4.9116	.81341
Stddev	4.70	.00303	.00050	.058	.00149	.00282	.02146	.0600	.00302
%RSD	1.2908	.83771	.19931	.44317	.30995	.76033	2.1672	1.2211	.37071

#1	360.07	.35772	.25292	13.126	.48213	.37114	.99695	4.8493	.81639
#2	369.24	.36223	.25201	13.202	.47923	.37332	1.0074	4.9690	.81036
#3	362.87	.36347	.25284	13.241	.48009	.36773	.96614	4.9166	.81349

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23312	.23977	6.705	.48550	10.529	6.7196
Stddev	.00189	.00163	.018	.00660	.108	.2336
%RSD	.80951	.68077	.2654	1.3595	1.0216	3.4766

#1	.23191	.23797	6.715	.47818	10.434	6.8693
#2	.23530	.24018	6.716	.49100	10.646	6.8390
#3	.23217	.24115	6.684	.48733	10.508	6.4504

Sample Name: K1011-10MSD Acquired: 1/29/2019 21:06:21 Type: Unk
Method: P4-ICP2(v2804) 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	2891.0	33140.	2872.5	7.2209	2952.7
Stddev	15.6	166.	37.9	.9746	16.6
%RSD	.53968	.50083	1.3183	13.497	.56229
#1	2873.0	33321.	2915.1	6.1034	2933.6
#2	2899.9	33104.	2842.6	7.8946	2962.8
#3	2900.2	32995.	2859.9	7.6649	2961.8

Sample Name: K1011-10A Acquired: 1/29/2019 21:10:37 Type: Unk
Method: P4-ICP2(v2804) 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	.88580	2.1729	1.0800	2.2714	.89399	2.3961	.40641	.22895	.22141
Stddev	.00429	.0046	.0037	.0039	.00175	.0371	.01286	.00028	.00046
%RSD	.48394	.20984	.34186	.17245	.19618	1.5476	3.1651	.12156	.20595
#1	.88814	2.1781	1.0758	2.2691	.89600	2.4289	.41739	.22893	.22092
#2	.88085	2.1709	1.0827	2.2692	.89278	2.4036	.40958	.22924	.22148
#3	.88840	2.1696	1.0815	2.2759	.89320	2.3559	.39226	.22868	.22182
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.551	.46452	.23189	.34610	3.7885	1.4587	9.3917	.57382	.08187
Stddev	.537	.00138	.00074	.00177	.0383	.0035	.2948	.00215	.00045
%RSD	.71969	.29699	.31923	.51236	1.0120	.23919	3.1393	.37540	.54705
#1	74.495	.46511	.23124	.34560	3.7923	1.4578	9.6736	.57140	.08204
#2	75.114	.46294	.23173	.34464	3.8248	1.4626	9.4161	.57451	.08221
#3	74.045	.46550	.23269	.34807	3.7484	1.4558	9.0854	.57554	.08137
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	357.83	.35611	.25481	13.027	.48369	.36445	.99331	4.8758	.82034
Stddev	2.42	.00065	.00078	.175	.00103	.01318	.01376	.0378	.00239
%RSD	.67508	.18378	.30555	1.3412	.21297	3.6159	1.3851	.77547	.29169
#1	359.51	.35671	.25410	13.185	.48279	.36868	1.0053	4.8531	.81807
#2	358.91	.35541	.25469	13.055	.48345	.37499	.99639	4.9195	.82011
#3	355.06	.35620	.25564	12.840	.48481	.34967	.97827	4.8549	.82284
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23436	.23327	6.760	.47809	9.7640	5.9124			
Stddev	.00123	.00435	.003	.00499	.4861	.7755			
%RSD	.52441	1.8647	.0495	1.0428	4.9785	13.116			
#1	.23394	.23738	6.764	.47915	10.018	5.0731			
#2	.23574	.23373	6.759	.48246	10.071	6.6023			
#3	.23339	.22871	6.758	.47266	9.2035	6.0619			

Sample Name: K1011-10A Acquired: 1/29/2019 21:10:37 Type: Unk
Method: P4-ICP2(v2804) 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	2864.5	33474.	2885.4	7.2290	2924.4
Stddev	12.5	94.	29.2	1.1590	14.7
%RSD	.43499	.28221	1.0127	16.032	.50141
#1	2871.3	33390.	2880.3	5.9516	2934.5
#2	2872.1	33455.	2859.0	8.2134	2931.1
#3	2850.1	33576.	2916.8	7.5220	2907.6

Sample Name: K1011-12 Acquired: 1/29/2019 21:14:52 Type: Unk
Method: P4-ICP2(v2804) 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	-.00069	-.00165	.01012	.00440	.00163	.20932	.15699
Stddev	.00168	.00107	.00073	.00227	.00044	.00510	.00279
%RSD	243.78	64.841	7.1853	51.587	27.218	2.4343	1.7769

#1	.00118	-.00110	.00935	.00559	.00210	.21412	.15405
#2	-.00117	-.00288	.01079	.00178	.00123	.20988	.15734
#3	-.00208	-.00097	.01023	.00583	.00155	.20397	.15959

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00004	43.527	.00061	.00842	.00595	.07926
Stddev	.00011	.00010	.431	.00020	.00016	.00037	.00329
%RSD	84.291	255.87	.98997	33.154	1.9195	6.2897	4.1466

#1	.00015	-.00013	43.302	.00040	.00861	.00602	.07548
#2	.00001	.00006	43.255	.00061	.00832	.00555	.08142
#3	.00022	-.00005	44.024	.00081	.00834	.00629	.08088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1204	3.7171	.00662	.00087	317.85	-.00006	.03480
Stddev	.0084	.0570	.00033	.00026	2.73	.00023	.00011
%RSD	.75445	1.5341	5.0344	29.408	.86039	384.63	.30374

#1	1.1125	3.7756	.00698	.00116	315.86	-.00033	.03476
#2	1.1196	3.6617	.00633	.00078	316.73	.00011	.03473
#3	1.1293	3.7138	.00653	.00067	320.97	.00003	.03492

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0809	.00006	.01760	.96258	2.5678	.00235	-.00379
Stddev	.0104	.00012	.00583	.05338	.0174	.00092	.00134
%RSD	.95888	205.17	33.145	5.5452	.67560	39.205	35.386

#1	1.0926	.00010	.01690	.97981	2.5635	.00306	-.00286
#2	1.0771	.00015	.01215	.90272	2.5530	.00131	-.00317
#3	1.0729	-.00008	.02376	1.0052	2.5869	.00268	-.00532

Sample Name: K1011-12 Acquired: 1/29/2019 21:14:52 Type: Unk
Method: P4-ICP2(v2804) 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	.00617	.0065	.12956	7.3087	F<.00000
Stddev	.00190	.0013	.00047	.4561	.91196
%RSD	30.718	19.55	.36234	6.2402	25.046
#1	.00452	.0064	.12928	7.3404	-3.1730
#2	.00575	.0052	.12929	6.8377	-3.0582
#3	.00824	.0077	.13010	7.7482	-4.6920
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.5	34883.	3060.6	7.8356	3051.9
Stddev	13.4	199.	27.5	.3686	14.0
%RSD	.44992	.57112	.89823	4.7043	.45916
#1	2958.7	35011.	3072.1	7.4159	3038.4
#2	2976.9	34985.	3080.4	7.9841	3050.9
#3	2984.7	34654.	3029.2	8.1068	3066.4

Sample Name: CCV09 Acquired: 1/29/2019 21:19:27 Type: Unk
Method: P4-ICP2(v2804) 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	4.6463	4.7324	4.6320	4.6813	4.6624	9.2219	9.2098	.23928
Stddev	.0286	.0252	.0191	.0180	.0221	.0215	.0313	.00114
%RSD	.61648	.53156	.41308	.38417	.47415	.23302	.34028	.47711
#1	4.6790	4.7614	4.6536	4.7008	4.6879	9.2251	9.1745	.23812
#2	4.6340	4.7161	4.6254	4.6653	4.6482	9.2416	9.2342	.23931
#3	4.6258	4.7197	4.6171	4.6779	4.6512	9.1990	9.2208	.24040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3349	24.480	.97576	2.3257	1.2008	5.1996	2.4120	25.037
Stddev	.0117	.048	.00231	.0125	.0063	.0219	.0045	.110
%RSD	.50281	.19806	.23708	.53818	.52078	.42159	.18723	.43767
#1	2.3485	24.458	.97373	2.3397	1.2079	5.1775	2.4087	24.925
#2	2.3285	24.536	.97828	2.3157	1.1981	5.2001	2.4102	25.044
#3	2.3278	24.447	.97527	2.3216	1.1963	5.2213	2.4172	25.143
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3651	1.1993	23.937	2.4369	2.2873	24.347	4.8667	4.9857
Stddev	.0125	.0012	.069	.0058	.0111	.096	.0251	.0270
%RSD	.52822	.10277	.28634	.23905	.48424	.39277	.51601	.54160
#1	2.3795	1.1989	23.859	2.4339	2.2999	24.242	4.8957	4.9714
#2	2.3567	1.1984	23.965	2.4332	2.2791	24.370	4.8513	4.9688
#3	2.3592	1.2008	23.987	2.4436	2.2828	24.429	4.8532	5.0169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6986	5.0835	4.7831	4.8700	4.7717	4.643	4.8739	F 6.4545
Stddev	.0293	.0039	.0249	.0178	.0192	.022	.0184	.5311
%RSD	.62242	.07649	.52126	.36613	.40295	.4699	.37789	8.2282
#1	4.6902	5.0815	4.8108	4.8575	4.7505	4.668	4.8527	7.0585
#2	4.6745	5.0810	4.7625	4.8905	4.7764	4.627	4.8831	6.0605
#3	4.7312	5.0880	4.7760	4.8622	4.7880	4.635	4.8860	6.2445

Sample Name: CCV09 Acquired: 1/29/2019 21:19:27 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .99576
Stddev .72228
%RSD 72.535

#1 1.5437
#2 1.2663
#3 .17726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.0	35963.	2990.6	7.4736	3228.4
Stddev	14.8	54.	3.8	.1789	14.2
%RSD	.47441	.15008	.12633	2.3938	.44115

#1	3105.9	35906.	2993.5	7.3977	3212.1
#2	3132.1	36013.	2986.4	7.3451	3238.6
#3	3131.0	35971.	2992.0	7.6779	3234.4

Sample Name: CCB09 Acquired: 1/29/2019 21:23:27 Type: Unk
Method: P4-ICP2(v2804) 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	.00074	.00251	-.00040	.00316	.00208	.01093	F .02991
Stddev	.00250	.00094	.00048	.00201	.00066	.00863	.00382
%RSD	335.15	37.212	119.34	63.719	31.523	78.963	12.778

#1	-.00093	.00233	-.00067	.00085	.00132	.01475	.03159
#2	-.00045	.00353	.00015	.00453	.00244	.01699	.02553
#3	.00361	.00169	-.00068	.00410	.00247	.00105	.03259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00008	.01333	.00032	-.00026	.00006	.00152
Stddev	.00003	.00005	.00514	.00047	.00020	.00009	.00077
%RSD	76.183	65.313	38.525	145.73	76.649	139.54	50.840

#1	.00003	-.00009	.01904	.00056	-.00036	.00003	.00092
#2	.00001	-.00013	.01184	.00062	-.00040	.00017	.00124
#3	.00007	-.00002	.00910	-.00022	-.00003	-.00000	.00239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.04603	-.00081	-.00011	.07616	.00022	.00005
Stddev	.00003	.03157	.00016	.00069	.00478	.00009	.00004
%RSD	50.894	68.574	19.883	643.57	6.2731	42.118	94.953

#1	.00010	-.02741	-.00084	-.00007	.07856	.00030	.00001
#2	.00004	-.02821	-.00096	-.00081	.07066	.00012	.00003
#3	.00004	-.08248	-.00064	.00056	.07926	.00025	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12219	.00040	-.00176	-.00179	.00273	-.00024	-.00043
Stddev	.02859	.00013	.00797	.02516	.00184	.00052	.00333
%RSD	23.397	31.928	451.96	1402.3	67.619	218.95	783.92

#1	-.15519	.00051	.00292	-.00850	.00434	-.00001	.00073
#2	-.10499	.00041	-.01096	.02604	.00313	.00013	.00218
#3	-.10638	.00026	.00276	-.02292	.00072	-.00083	-.00418

Sample Name: CCB09 Acquired: 1/29/2019 21:23:27 Type: Unk
 Method: P4-ICP2(v2804) 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	.00360	.0015	-.00001	F 3.0224	F<.00000
Stddev	.00186	.0006	.00003	.1989	1.3645
%RSD	51.710	40.98	185.64	6.5790	797.49
#1	.00275	.0018	-.00004	3.0612	-1.4730
#2	.00232	.0019	.00001	3.1990	-.28880
#3	.00574	.0008	-.00001	2.8071	1.2485
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.8	37843.	3015.9	8.2780	3684.6
Stddev	54.6	14.	28.2	.4005	59.3
%RSD	1.6663	.03649	.93483	4.8384	1.6088
#1	3250.9	37843.	2992.1	8.5250	3654.1
#2	3243.8	37857.	3008.5	8.4932	3646.7
#3	3341.7	37829.	3047.0	7.8159	3752.9

Sample Name: K1250-03 Acquired: 1/29/2019 21:27:56 Type: Unk
Method: P4-ICP2(v2804) 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	.00066	-.00307	.01238	.00534	-.00060	.06549	.33686
Stddev	.00085	.00085	.00063	.00126	.00124	.00693	.00485
%RSD	129.27	27.571	5.0535	23.654	207.60	10.588	1.4395

#1	.00147	-.00385	.01288	.00612	-.00053	.05765	.34089
#2	.00075	-.00317	.01258	.00602	.00061	.07083	.33821
#3	-.00024	-.00217	.01168	.00388	-.00187	.06800	.33148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	82.893	.00029	.00463	.01106	.10526
Stddev	.00007	.00010	.439	.00057	.00026	.00043	.00365
%RSD	384.53	243.21	.52907	196.46	5.5859	3.8488	3.4668

#1	.00010	-.00009	83.399	.00017	.00433	.01076	.10441
#2	-.00003	-.00010	82.661	-.00021	.00474	.01088	.10211
#3	-.00001	.00007	82.619	.00091	.00482	.01155	.10926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51229	37.618	.00746	-.00000	357.97	.00041	.05218
Stddev	.00121	.121	.00051	.00052	2.55	.00012	.00024
%RSD	.23620	.32097	6.8344	12175.	.71133	30.161	.46332

#1	.51337	37.565	.00790	.00035	359.67	.00036	.05230
#2	.51098	37.533	.00690	-.00061	355.04	.00032	.05234
#3	.51251	37.756	.00758	.00024	359.20	.00055	.05190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67474	.00011	.00809	.48380	.42721	.00309	-.00153
Stddev	.04410	.00032	.00694	.03275	.00711	.00039	.00359
%RSD	6.5363	301.15	85.814	6.7684	1.6647	12.670	235.38

#1	.62958	.00020	.00085	.49491	.43283	.00317	-.00563
#2	.71770	.00037	.01468	.50954	.41921	.00267	.00108
#3	.67694	-.00025	.00874	.44695	.42959	.00344	-.00003

Sample Name: K1250-03 Acquired: 1/29/2019 21:27:56 Type: Unk
 Method: P4-ICP2(v2804) 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	.01342	.0039	.09516	7.5720	F<.00000
Stddev	.00220	.0014	.00062	.4203	1.2075
%RSD	16.423	35.61	.65479	5.5505	29.913
#1	.01101	.0028	.09573	7.9123	-4.5315
#2	.01532	.0035	.09526	7.7015	-4.9180
#3	.01393	.0055	.09449	7.1022	-2.6603
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.0	34726.	3034.4	7.8250	3076.9
Stddev	12.5	190.	40.4	.7252	13.6
%RSD	.41639	.54748	1.3305	9.2675	.44285
#1	2988.5	34519.	2988.6	6.9902	3067.4
#2	3013.5	34766.	3064.6	8.1858	3092.5
#3	3001.1	34893.	3050.1	8.2991	3070.9

Sample Name: K1254-02 Acquired: 1/29/2019 21:32:30 Type: Unk
Method: P4-ICP2(v2804) 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	.00015	-.00076	.00605	.00217	.00129	.27411	.10159
Stddev	.00197	.00179	.00057	.00430	.00151	.00561	.00091
%RSD	1334.9	236.19	9.4200	198.35	117.36	2.0475	.89501

#1	.00240	-.00195	.00661	.00696	.00303	.27104	.10193
#2	-.00072	-.00162	.00607	.00085	.00031	.28059	.10056
#3	-.00124	.00130	.00547	-.00132	.00052	.27070	.10228

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00014	4.4747	.00121	.00689	.00826	.62694
Stddev	.00004	.00009	.0582	.00020	.00022	.00010	.00346
%RSD	24.454	68.141	1.3003	16.599	3.2474	1.2520	.55208

#1	.00012	-.00007	4.4139	.00130	.00715	.00831	.62548
#2	.00020	-.00009	4.4803	.00098	.00672	.00814	.62444
#3	.00019	-.00024	4.5299	.00135	.00682	.00833	.63089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53729	1.3979	.00169	-.00017	312.51	.00029	.02527
Stddev	.00123	.0550	.00049	.00041	3.37	.00054	.00030
%RSD	.22965	3.9350	28.797	247.12	1.0784	183.92	1.1791

#1	.53598	1.3447	.00226	-.00063	308.85	.00089	.02561
#2	.53747	1.4545	.00143	.00016	313.21	-.00014	.02512
#3	.53843	1.3946	.00139	-.00003	315.48	.00012	.02508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70838	.00049	.00706	.59287	.60646	.00154	.00098
Stddev	.00801	.00014	.00836	.01029	.00335	.00074	.00362
%RSD	1.1307	29.139	118.51	1.7354	.55236	48.181	370.21

#1	.71445	.00064	.00620	.60363	.60259	.00160	.00460
#2	.71138	.00036	.01581	.59185	.60846	.00077	-.00263
#3	.69930	.00048	-.00085	.58313	.60832	.00225	.00096

Sample Name: K1254-02 Acquired: 1/29/2019 21:32:30 Type: Unk
 Method: P4-ICP2(v2804) 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	.00100	.0062	.01184	7.2747	F<.00000
Stddev	.00213	.0015	.00017	.1723	.47998
%RSD	212.39	24.12	1.4330	2.3686	26.917

#1	-.00059	.0068	.01165	7.3201	-2.2821
#2	.00017	.0074	.01197	7.0842	-1.7429
#3	.00343	.0045	.01191	7.4197	-1.3246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.8	34722.	3008.9	7.8833	3141.7
Stddev	10.6	17.	24.4	.9989	13.8
%RSD	.35028	.04815	.81064	12.671	.44027

#1	3021.8	34736.	3036.5	6.7886	3125.7
#2	3037.6	34728.	2990.2	8.1159	3150.4
#3	3042.0	34704.	2999.9	8.7455	3148.9

Sample Name: K1254-04 Acquired: 1/29/2019 21:37:06 Type: Unk
Method: P4-ICP2(v2804) 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	-.00113	-.00226	.00322	.00350	.00099	.17265	.08618
Stddev	.00113	.00106	.00032	.00111	.00062	.00940	.00968
%RSD	100.03	46.795	10.052	31.765	62.523	5.4418	11.236

#1	-.00241	-.00115	.00290	.00360	.00032	.17867	.09731
#2	-.00030	-.00325	.00355	.00456	.00112	.17746	.07967
#3	-.00067	-.00238	.00320	.00235	.00154	.16183	.08156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00009	8.0085	.00104	.00584	.00423	.32500
Stddev	.00004	.00004	.0568	.00037	.00016	.00024	.00699
%RSD	159.69	43.068	.70951	35.465	2.6947	5.6896	2.1499

#1	.00006	.00013	8.0342	.00074	.00595	.00410	.33156
#2	.00001	.00006	7.9433	.00092	.00566	.00451	.31765
#3	-.00001	.00007	8.0479	.00145	.00592	.00409	.32580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34962	1.9212	.00200	-.00074	288.71	.00057	.02393
Stddev	.00042	.0639	.00024	.00026	1.54	.00061	.00004
%RSD	.11910	3.3241	11.853	35.340	.53260	105.66	.15608

#1	.34968	1.8476	.00202	-.00097	290.41	.00108	.02389
#2	.35000	1.9625	.00223	-.00080	287.40	-.00010	.02393
#3	.34917	1.9535	.00175	-.00045	288.33	.00073	.02397

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1071	.00029	.01189	.40740	.85338	.00077	.00177
Stddev	.0181	.00011	.00874	.01460	.00994	.00029	.00297
%RSD	1.6391	38.416	73.466	3.5828	1.1654	37.755	168.03

#1	1.0864	.00021	.02187	.41414	.86329	.00060	.00509
#2	1.1150	.00024	.00822	.39065	.84340	.00110	-.00062
#3	1.1200	.00042	.00560	.41741	.85346	.00060	.00082

Sample Name: K1254-04 Acquired: 1/29/2019 21:37:06 Type: Unk
 Method: P4-ICP2(v2804) 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	.00440	.0083	.03435	6.1116	F<.00000
Stddev	.00136	.0020	.00015	.2524	.20159
%RSD	31.022	24.19	.44184	4.1291	9.1437
#1	.00555	.0106	.03451	5.8348	-2.0065
#2	.00476	.0067	.03434	6.1712	-2.4095
#3	.00289	.0078	.03421	6.3289	-2.1980
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3029.1	35481.	3024.1	7.1606	3142.3
Stddev	4.9	50.	24.1	1.1740	8.3
%RSD	.16321	.13960	.79588	16.395	.26269
#1	3032.7	35532.	2997.5	6.1091	3150.8
#2	3031.2	35478.	3044.4	6.9455	3141.9
#3	3023.5	35433.	3030.5	8.4273	3134.3

Sample Name: K1255-02 Acquired: 1/29/2019 21:41:42 Type: Unk
Method: P4-ICP2(v2804) 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	-.00136	-.00209	.00601	.00309	.00290	.22139	.29922
Stddev	.00041	.00091	.00033	.00029	.00175	.01294	.00252
%RSD	30.413	43.415	5.4681	9.4195	60.381	5.8453	.84376

#1	-.00149	-.00177	.00572	.00281	.00451	.22044	.29686
#2	-.00169	-.00139	.00595	.00339	.00104	.20895	.29892
#3	-.00089	-.00312	.00637	.00307	.00315	.23478	.30188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00016	9.0681	.00017	.00247	.00484	.04229
Stddev	.00007	.00006	.0391	.00017	.00015	.00051	.00480
%RSD	46.442	35.564	.43113	100.22	5.8698	10.469	11.355

#1	.00011	-.00018	9.0258	.00035	.00235	.00459	.04064
#2	.00011	-.00009	9.0756	.00014	.00264	.00542	.04770
#3	.00023	-.00020	9.1029	.00002	.00243	.00451	.03853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56134	2.1638	.00183	-.00024	299.57	.00021	.01787
Stddev	.00038	.0787	.00042	.00114	2.07	.00008	.00012
%RSD	.06822	3.6382	23.083	477.94	.69083	35.918	.66684

#1	.56092	2.0941	.00174	-.00144	301.56	.00013	.01800
#2	.56142	2.2492	.00147	.00082	299.73	.00028	.01779
#3	.56168	2.1481	.00230	-.00010	297.43	.00022	.01780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2331	.00013	.01036	.36621	1.0657	.00155	-.00001
Stddev	.0371	.00013	.00488	.05039	.0111	.00050	.00548
%RSD	3.0118	97.957	47.105	13.760	1.0445	32.071	50069.

#1	1.2514	.00020	.00479	.39306	1.0625	.00120	.00424
#2	1.1903	.00021	.01242	.30808	1.0780	.00211	.00193
#3	1.2575	-.00002	.01386	.39749	1.0564	.00133	-.00620

Sample Name: K1255-02 Acquired: 1/29/2019 21:41:42 Type: Unk
 Method: P4-ICP2(v2804) 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	.00719	.0029	.08203	6.9360	F<.00000
Stddev	.00339	.0016	.00014	.3054	.26302
%RSD	47.126	55.63	.16671	4.4036	8.3317
#1	.00992	.0048	.08192	7.1850	-2.8563
#2	.00825	.0020	.08218	7.0278	-3.2698
#3	.00340	.0020	.08200	6.5952	-3.3446
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.8	35156.	3050.1	8.1379	3117.1
Stddev	6.4	76.	21.9	.9255	7.7
%RSD	.21126	.21739	.71749	11.373	.24848
#1	3033.4	35091.	3039.9	8.2614	3109.6
#2	3043.7	35137.	3035.2	7.1568	3116.7
#3	3045.2	35240.	3075.2	8.9955	3125.1

Sample Name: K1261-02 Acquired: 1/29/2019 21:46:17 Type: Unk
Method: P4-ICP2(v2804) 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	.00114	.00044	.01043	.00467	.00153	.04661	.14488
Stddev	.00104	.00080	.00059	.00101	.00058	.00673	.00294
%RSD	91.409	181.41	5.6177	21.540	37.857	14.435	2.0305

#1	.00050	.00028	.01075	.00565	.00214	.04675	.14152
#2	.00058	-.00027	.01080	.00364	.00146	.03981	.14609
#3	.00234	.00130	.00976	.00473	.00099	.05327	.14702

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00000	163.34	.00034	.00390	.00298	.01502
Stddev	.00005	.00007	.37	.00008	.00029	.00068	.00356
%RSD	113.91	2208.0	.22826	24.500	7.3668	22.835	23.674

#1	-.00008	.00007	163.23	.00036	.00379	.00268	.01342
#2	.00001	-.00001	163.76	.00041	.00369	.00376	.01255
#3	-.00007	-.00006	163.04	.00025	.00423	.00250	.01909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47948	3.3241	.00225	.00000	301.23	.00186	.42073
Stddev	.00088	.0665	.00050	.00092	2.59	.00021	.00133
%RSD	.18368	1.9996	22.261	22031.	.86131	11.555	.31566

#1	.48036	3.2719	.00231	-.00104	299.97	.00170	.42100
#2	.47860	3.3015	.00272	.00037	304.21	.00177	.42189
#3	.47949	3.3989	.00172	.00068	299.50	.00210	.41928

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7865	.00093	.02176	3.0641	4.5808	.00144	-.00489
Stddev	.0332	.00029	.01043	.0622	.0150	.00029	.00265
%RSD	.87602	31.022	47.918	2.0304	.32799	20.168	54.195

#1	3.7816	.00070	.02502	3.0001	4.5756	.00115	-.00785
#2	3.7560	.00126	.01009	3.0679	4.5977	.00144	-.00274
#3	3.8218	.00084	.03016	3.1243	4.5690	.00173	-.00408

Sample Name: K1261-02 Acquired: 1/29/2019 21:46:17 Type: Unk
Method: P4-ICP2(v2804) 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	.01718	.0237	.45648	8.4837	F<.00000
Stddev	.00202	.0014	.00089	.4355	.86013
%RSD	11.757	6.039	.19528	5.1337	25.393

#1	.01540	.0248	.45582	8.2596	-2.5630
#2	.01676	.0241	.45750	8.2059	-3.3196
#3	.01938	.0221	.45613	8.9856	-4.2792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.9	33798.	2917.9	7.7464	3002.9
Stddev	15.6	88.	23.4	.8379	12.1
%RSD	.53755	.26086	.80116	10.817	.40450

#1	2905.8	33708.	2914.5	8.0090	3004.5
#2	2886.0	33884.	2896.5	6.8086	2990.0
#3	2916.8	33802.	2942.9	8.4216	3014.1

Sample Name: K1261-04 Acquired: 1/29/2019 21:50:50 Type: Unk
Method: P4-ICP2(v2804) 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	.00132	-.00133	.01717	.00504	.00177	.05447	.20483	.00015
Stddev	.00187	.00155	.00042	.00159	.00105	.01286	.00441	.00003
%RSD	141.70	117.07	2.4279	31.580	59.210	23.616	2.1542	18.397

#1	.00042	-.00091	.01700	.00656	.00132	.04474	.20477	.00018
#2	.00347	-.00304	.01764	.00339	.00296	.06905	.20928	.00013
#3	.00007	-.00002	.01686	.00519	.00102	.04961	.20046	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	24.871	-.00045	.00326	.00431	16.154	.35275	14.137
Stddev	.00003	.324	.00038	.00036	.00007	.183	.00131	.014
%RSD	2.8209	1.3038	83.936	11.144	1.6241	1.1339	.37184	.09881

#1	-.00107	25.115	-.00005	.00350	.00423	16.365	.35292	14.150
#2	-.00102	24.995	-.00049	.00342	.00437	16.045	.35396	14.140
#3	-.00106	24.503	-.00080	.00284	.00433	16.050	.35136	14.122

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00896	-.00053	285.10	.00081	.06861	2.5434	-.00015	.00456
Stddev	.00017	.00033	3.44	.00075	.00013	.0192	.00009	.00603
%RSD	1.9184	61.839	1.2064	91.819	.18552	.75334	60.576	132.25

#1	.00880	-.00020	289.05	.00092	.06864	2.5646	-.00009	.00627
#2	.00893	-.00054	282.72	.00002	.06847	2.5383	-.00011	-.00214
#3	.00914	-.00086	283.55	.00150	.06872	2.5274	-.00025	.00954

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41236	1.0567	.00154	-.00075	.00886	.0072	.02493	7.3968
Stddev	.01882	.0164	.00014	.00612	.00144	.0003	.00033	.6347
%RSD	4.5639	1.5529	9.1227	810.57	16.199	4.428	1.3375	8.5812

#1	.42665	1.0755	.00147	.00422	.01042	.0069	.02456	8.0489
#2	.39104	1.0455	.00144	.00110	.00759	.0075	.02520	7.3607
#3	.41940	1.0489	.00170	-.00759	.00858	.0071	.02504	6.7810

Sample Name: K1261-04 Acquired: 1/29/2019 21:50:50 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.064
 Stddev .754
 %RSD 4.6909

#1 16.826
 #2 16.047
 #3 15.320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.8	34745.	2942.3	7.9636	3072.9
Stddev	18.8	242.	44.3	1.4373	19.5
%RSD	.63136	.69669	1.5056	18.048	.63571

#1	2994.4	34495.	2891.7	6.6273	3086.1
#2	2986.3	34760.	2961.6	9.4841	3082.2
#3	2958.6	34979.	2973.8	7.7795	3050.5

Sample Name: K1008-04 Acquired: 1/29/2019 21:55:24 Type: Unk
Method: P4-ICP2(v2804) 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	-.00018	-.00107	.00719	.00277	.00321	.18317	.12191
Stddev	.00311	.00097	.00030	.00068	.00019	.00716	.00637
%RSD	1766.8	90.410	4.2144	24.732	5.9605	3.9111	5.2272

#1	.00008	-.00217	.00726	.00335	.00309	.18108	.11739
#2	.00280	-.00032	.00745	.00294	.00343	.19115	.11913
#3	-.00341	-.00073	.00686	.00202	.00310	.17729	.12920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00027	17.986	.00138	.00504	.00607	.37073
Stddev	.00004	.00013	.077	.00031	.00011	.00022	.00238
%RSD	60.824	47.623	.42628	22.255	2.0982	3.6019	.64064

#1	.00010	-.00022	17.926	.00122	.00498	.00604	.37337
#2	.00007	-.00042	17.961	.00119	.00516	.00631	.36877
#3	.00002	-.00018	18.072	.00173	.00497	.00587	.37004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62359	2.9290	.00388	.00046	438.68	.00019	.02017
Stddev	.00136	.0117	.00014	.00088	8.50	.00048	.00019
%RSD	.21887	.39912	3.6007	190.92	1.9366	258.12	.95329

#1	.62511	2.9424	.00389	-.00010	441.81	.00003	.02039
#2	.62246	2.9234	.00401	.00147	429.06	-.00020	.02004
#3	.62319	2.9211	.00373	.00000	445.16	.00073	.02008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4011	.00018	.00845	.08274	.44039	.00256	-.00002
Stddev	.0024	.00041	.00485	.04495	.00189	.00100	.00284
%RSD	.16836	224.27	57.405	54.324	.42941	38.967	12971.

#1	1.4010	-.00022	.01080	.07948	.43942	.00369	-.00056
#2	1.3988	.00017	.00287	.03951	.43918	.00180	.00305
#3	1.4036	.00060	.01169	.12923	.44257	.00219	-.00255

Sample Name: K1008-04 Acquired: 1/29/2019 21:55:24 Type: Unk
Method: P4-ICP2(v2804) 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	.00596	.0039	.03388	8.9368	F<.00000
Stddev	.00227	.0018	.00027	.6429	.20104
%RSD	38.156	45.80	.80463	7.1937	6.6150
#1	.00333	.0038	.03358	9.3686	-3.2526
#2	.00734	.0058	.03397	8.1980	-3.0114
#3	.00720	.0022	.03410	9.2439	-2.8534
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.5	33790.	2895.7	8.5318	3040.2
Stddev	9.1	141.	35.2	1.4743	17.5
%RSD	.30570	.41736	1.2159	17.281	.57704
#1	2971.2	33658.	2880.2	7.8386	3020.1
#2	2989.4	33938.	2936.0	10.225	3052.1
#3	2980.9	33773.	2870.9	7.5318	3048.4

Sample Name: K1010-08 Acquired: 1/29/2019 22:00:00 Type: Unk
Method: P4-ICP2(v2804) 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	.00083	-.00269	.00826	.00317	.00138	.18942	.13031
Stddev	.00266	.00186	.00123	.00216	.00050	.01861	.00245
%RSD	319.20	69.344	14.832	68.358	36.228	9.8229	1.8797

#1	-.00212	-.00468	.00903	.00118	.00113	.17413	.13193
#2	.00159	-.00240	.00891	.00285	.00195	.18400	.12749
#3	.00304	-.00098	.00685	.00547	.00105	.21014	.13152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00012	35.869	.00061	.00411	.00507	.07926
Stddev	.00006	.00012	.373	.00037	.00008	.00040	.00560
%RSD	127.01	99.984	1.0405	59.612	2.0607	7.8010	7.0663

#1	.00006	.00001	35.734	.00037	.00405	.00547	.07781
#2	-.00002	-.00014	36.291	.00043	.00420	.00506	.07452
#3	.00010	-.00023	35.582	.00103	.00406	.00468	.08544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82056	6.5915	.00287	-.00009	409.61	.00041	.02340
Stddev	.00386	.0447	.00032	.00056	.71	.00051	.00078
%RSD	.47038	.67772	11.083	653.47	.17324	125.09	3.3346

#1	.82377	6.5577	.00275	-.00005	408.92	-.00018	.02386
#2	.82163	6.5746	.00323	-.00066	410.34	.00065	.02385
#3	.81627	6.6421	.00263	.00046	409.56	.00075	.02250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5032	.00014	.01434	.19624	.61458	.00242	-.00207
Stddev	.0268	.00057	.00492	.01177	.00175	.00075	.00291
%RSD	1.7856	405.16	34.325	5.9973	.28522	30.912	140.23

#1	1.4735	-.00051	.01992	.20982	.61259	.00174	-.00239
#2	1.5258	.00039	.01249	.18956	.61525	.00230	-.00481
#3	1.5102	.00054	.01061	.18932	.61589	.00322	.00098

Sample Name: K1010-08 Acquired: 1/29/2019 22:00:00 Type: Unk
Method: P4-ICP2(v2804) 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	.00664	.0093	.07164	8.5027	F<.00000
Stddev	.00304	.0014	.00035	.0979	.74341
%RSD	45.822	14.62	.48940	1.1517	22.696

#1	.00405	.0079	.07162	8.5725	-3.9146
#2	.00999	.0106	.07200	8.5449	-3.4523
#3	.00589	.0094	.07130	8.3907	-2.4597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.3	33608.	2925.7	7.6644	3019.7
Stddev	63.6	136.	5.2	1.2966	69.6
%RSD	2.1462	.40608	.17637	16.917	2.3044

#1	2925.4	33497.	2931.6	7.3068	2978.2
#2	2931.9	33566.	2923.8	6.5841	2980.8
#3	3038.7	33760.	2921.8	9.1023	3100.0

Sample Name: K1010-08DUP Acquired: 1/29/2019 22:04:36 Type: Unk
Method: P4-ICP2(v2804) 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	.00017	-.00190	.00742	.00495	.00167	.20300	.13675
Stddev	.00046	.00100	.00148	.00260	.00132	.01655	.00616
%RSD	263.68	52.343	19.897	52.518	78.995	8.1511	4.5060

#1	.00070	-.00286	.00572	.00635	.00056	.21794	.13267
#2	-.00012	-.00087	.00833	.00653	.00132	.20586	.14384
#3	-.00006	-.00197	.00823	.00195	.00313	.18522	.13374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00011	36.849	.00131	.00421	.00446	.07949
Stddev	.00004	.00004	.112	.00009	.00029	.00053	.00535
%RSD	242.98	35.163	.30487	6.9428	6.8420	11.910	6.7291

#1	.00006	-.00011	36.742	.00141	.00433	.00491	.07341
#2	-.00000	-.00007	36.966	.00127	.00441	.00460	.08163
#3	-.00001	-.00015	36.839	.00124	.00388	.00387	.08344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83437	6.7645	.00310	-.00011	419.83	-.00007	.02371
Stddev	.00311	.0680	.00007	.00010	3.65	.00023	.00014
%RSD	.37329	1.0052	2.2623	92.514	.86899	325.48	.58508

#1	.83757	6.8314	.00305	-.00006	415.68	-.00005	.02374
#2	.83417	6.6955	.00307	-.00022	421.30	-.00032	.02384
#3	.83135	6.7667	.00318	-.00004	422.52	.00015	.02356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5166	.00028	.00540	.18892	.62720	.00345	-.00239
Stddev	.0157	.00033	.00794	.02322	.01170	.00023	.00160
%RSD	1.0342	120.62	147.02	12.292	1.8647	6.6619	67.209

#1	1.4993	.00006	-.00000	.17612	.61681	.00325	-.00254
#2	1.5209	.00066	.01452	.21572	.63986	.00341	-.00391
#3	1.5298	.00011	.00169	.17491	.62491	.00370	-.00071

Sample Name: K1010-08DUP Acquired: 1/29/2019 22:04:36 Type: Unk
Method: P4-ICP2(v2804) 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	.00759	.0091	.07347	9.2836	F<.00000
Stddev	.00211	.0007	.00003	.4818	.53097
%RSD	27.787	7.780	.04038	5.1893	13.531

#1	.00576	.0099	.07344	9.7566	-4.1934
#2	.00990	.0088	.07350	8.7935	-4.2662
#3	.00711	.0086	.07346	9.3006	-3.3123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.1	33455.	2855.2	8.0795	2964.0
Stddev	5.6	214.	27.1	1.7995	6.5
%RSD	.19181	.63834	.95035	22.272	.22048

#1	2908.3	33220.	2883.2	6.7955	2971.2
#2	2897.4	33507.	2829.0	10.136	2958.3
#3	2900.6	33637.	2853.4	7.3068	2962.6

Sample Name: K1010-08LX5 Acquired: 1/29/2019 22:09:12 Type: Unk
Method: P4-ICP2(v2804) 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	-.00100	.00036	.00464	.00088	.00279	.04429	.05319
Stddev	.00213	.00060	.00182	.00259	.00140	.00857	.00324
%RSD	212.77	165.91	39.297	293.39	49.952	19.355	6.0934

#1	-.00342	.00034	.00441	.00197	.00207	.05226	.05638
#2	.00060	-.00023	.00294	-.00208	.00440	.03522	.04990
#3	-.00019	.00096	.00657	.00275	.00191	.04537	.05329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00021	7.3880	.00043	.00051	.00128	.01601
Stddev	.00008	.00007	.0126	.00029	.00016	.00036	.00372
%RSD	214.31	32.064	.17042	67.955	31.870	28.203	23.222

#1	.00004	-.00014	7.3748	.00033	.00056	.00152	.01768
#2	.00012	-.00027	7.3891	.00077	.00064	.00087	.01175
#3	-.00005	-.00022	7.3999	.00021	.00033	.00146	.01859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17224	1.3154	-.00083	.00010	85.854	.00004	.00466
Stddev	.00187	.0790	.00012	.00024	.426	.00055	.00004
%RSD	1.0873	6.0062	14.337	231.74	.49570	1343.4	.89347

#1	.17017	1.3917	-.00072	-.00016	85.432	-.00023	.00470
#2	.17274	1.3205	-.00096	.00030	85.845	-.00032	.00467
#3	.17382	1.2340	-.00081	.00017	86.283	.00067	.00462

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13814	.00019	-.00099	.04819	.13355	.00137	-.00093
Stddev	.01856	.00017	.00734	.03140	.00289	.00067	.00406
%RSD	13.436	89.026	739.68	65.167	2.1670	49.132	435.05

#1	.15361	.00013	.00572	.07441	.13192	.00117	.00136
#2	.11756	.00006	.00012	.05678	.13185	.00082	.00146
#3	.14324	.00038	-.00882	.01339	.13690	.00212	-.00561

Sample Name: K1010-08LX5 Acquired: 1/29/2019 22:09:12 Type: Unk
 Method: P4-ICP2(v2804) 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	.00621	.0019	.01465	7.0947	F<.00000
Stddev	.00070	.0012	.00015	.6546	.19858
%RSD	11.335	61.57	1.0080	9.2270	9.6823

#1	.00542	.0025	.01460	7.8494	-2.0840
#2	.00648	.0006	.01454	6.6799	-1.8379
#3	.00675	.0028	.01482	6.7549	-2.2309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.4	34509.	2820.1	8.2246	3178.3
Stddev	20.4	77.	13.3	.2468	16.8
%RSD	.68048	.22352	.47084	3.0003	.52922

#1	2988.9	34436.	2831.7	8.4870	3172.6
#2	2982.6	34589.	2823.0	8.1897	3165.0
#3	3020.6	34502.	2805.6	7.9972	3197.2

Sample Name: CCV10 Acquired: 1/29/2019 22:13:40 Type: Unk
Method: P4-ICP2(v2804) 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	4.8903	5.0240	4.8933	4.9257	4.9036	9.6396	9.6066	.25213
Stddev	.0132	.0307	.0238	.0037	.0175	.0520	.0347	.00052
%RSD	.26935	.61019	.48679	.07519	.35701	.53976	.36122	.20583
#1	4.8919	5.0056	4.8789	4.9279	4.9077	9.5849	9.6123	.25221
#2	4.8764	5.0069	4.8803	4.9279	4.8843	9.6456	9.6381	.25158
#3	4.9026	5.0594	4.9208	4.9215	4.9186	9.6884	9.5694	.25260
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4722	25.628	1.0323	2.4608	1.2713	F 5.5238	2.5419	26.426
Stddev	.0101	.122	.0032	.0112	.0030	.0218	.0019	.104
%RSD	.40942	.47745	.30772	.45562	.23505	.39461	.07294	.39542
#1	2.4641	25.585	1.0322	2.4510	1.2708	5.5413	2.5398	26.477
#2	2.4689	25.766	1.0355	2.4585	1.2686	5.5307	2.5423	26.495
#3	2.4835	25.533	1.0291	2.4730	1.2745	5.4994	2.5434	26.306
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5093	1.2567	25.176	2.5840	2.4152	25.331	5.1566	5.2416
Stddev	.0146	.0018	.130	.0012	.0089	.025	.0141	.0155
%RSD	.58354	.14372	.51465	.04813	.37002	.09939	.27419	.29499
#1	2.4992	1.2568	25.309	2.5826	2.4083	25.356	5.1459	5.2265
#2	2.5027	1.2585	25.167	2.5847	2.4120	25.332	5.1513	5.2410
#3	2.5261	1.2548	25.051	2.5848	2.4253	25.306	5.1726	5.2574
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9450	5.3521	5.0980	5.1210	4.9782	4.937	5.0751	F 9.0829
Stddev	.0274	.0313	.0290	.0078	.0161	.011	.0211	.1582
%RSD	.55355	.58388	.56981	.15318	.32374	.2209	.41519	1.7413
#1	4.9764	5.3867	5.0703	5.1294	4.9833	4.925	5.0790	9.1300
#2	4.9262	5.3438	5.0955	5.1199	4.9911	4.942	5.0940	9.2122
#3	4.9324	5.3258	5.1282	5.1138	4.9601	4.945	5.0524	8.9066

Sample Name: CCV10 Acquired: 1/29/2019 22:13:40 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7183
Stddev .8163
%RSD 47.506

#1 1.7014
#2 2.5430
#3 .91061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.6	33963.	2813.8	7.5815	3035.7
Stddev	8.6	112.	14.9	1.5229	12.2
%RSD	.29119	.32935	.52867	20.087	.40332

#1	2943.7	33994.	2800.1	8.6922	3042.6
#2	2952.0	33838.	2811.6	8.2067	3043.0
#3	2934.9	34055.	2829.6	5.8455	3021.6

Sample Name: CCB10 Acquired: 1/29/2019 22:17:41 Type: Unk
Method: P4-ICP2(v2804) 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	-.00070	.00050	.00034	.00055	.00215	.00580	F .04192
Stddev	.00167	.00091	.00076	.00031	.00153	.00676	.00617
%RSD	240.82	180.81	220.60	56.968	71.068	116.57	14.729

#1	.00074	-.00020	.00065	.00027	.00290	.00545	.04887
#2	-.00253	.00018	.00090	.00050	.00316	-.00078	.03709
#3	-.00030	.00153	-.00052	.00089	.00039	.01273	.03978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00015	.02087	.00026	-.00024	.00022	.00135
Stddev	.00007	.00007	.00503	.00026	.00016	.00050	.00240
%RSD	337.61	47.764	24.111	100.86	65.337	221.71	177.66

#1	.00004	-.00007	.02658	.00037	-.00042	-.00016	.00412
#2	-.00006	-.00021	.01897	-.00004	-.00018	.00079	.00022
#3	.00008	-.00016	.01707	.00045	-.00012	.00005	-.00027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.03283	-.00103	-.00051	.08655	.00044	.00011
Stddev	.00007	.04589	.00021	.00058	.01122	.00059	.00012
%RSD	52.949	139.78	20.292	113.51	12.958	133.64	109.57

#1	.00011	.01579	-.00127	-.00037	.09148	.00103	.00012
#2	.00007	-.07539	-.00093	-.00002	.07371	-.00015	.00022
#3	.00020	-.03889	-.00089	-.00115	.09445	.00045	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.20647	.00035	.00450	F -.01094	.00263	-.00000	.00046
Stddev	.04096	.00028	.00846	.01605	.00188	.00044	.00225
%RSD	19.838	79.873	188.27	146.68	71.377	11083.	492.74

#1	-.23761	.00067	-.00295	.00668	.00225	-.00007	.00096
#2	-.22174	.00025	.00273	-.01480	.00097	-.00041	.00242
#3	-.16007	.00013	.01370	-.02471	.00467	.00046	-.00200

Sample Name: CCB10 Acquired: 1/29/2019 22:17:41 Type: Unk
 Method: P4-ICP2(v2804) 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	.00461	.0011	.00003	F 4.8743	F<.00000
Stddev	.00162	.0003	.00005	.4408	.34793
%RSD	35.046	23.92	173.36	9.0439	173.96

#1	.00328	.0010	.00003	4.3701	.20151
#2	.00413	.0009	.00008	5.0660	-.38890
#3	.00641	.0014	-.00002	5.1869	-.41265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.8	36217.	2868.5	7.6189	3500.2
Stddev	10.4	116.	27.5	.8181	12.6
%RSD	.33205	.32060	.95994	10.738	.35925

#1	3112.0	36090.	2895.2	8.1909	3486.9
#2	3131.3	36317.	2870.2	6.6818	3511.9
#3	3128.1	36246.	2840.2	7.9841	3501.7

Sample Name: K1010-08MS Acquired: 1/29/2019 22:22:10 Type: Unk
Method: P4-ICP2(v2804) 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	.89896	2.1900	1.0847	2.3090	.90673	2.4814	.37184	.23423	.22506
Stddev	.00200	.0088	.0043	.0082	.00870	.0340	.00345	.00032	.00093
%RSD	.22235	.40332	.39265	.35452	.95968	1.3692	.92908	.13637	.41132
#1	.90099	2.1985	1.0889	2.3134	.91026	2.4471	.37350	.23432	.22602
#2	.89700	2.1908	1.0804	2.3140	.91311	2.4821	.37416	.23448	.22498
#3	.89889	2.1809	1.0848	2.2995	.89682	2.5151	.36787	.23387	.22417
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.941	.47756	.23208	.34996	3.7995	1.1002	9.5156	.58056	.08378
Stddev	.241	.00196	.00029	.00168	.0600	.0040	.0281	.00078	.00012
%RSD	.60445	.41098	.12525	.47864	1.5786	.36034	.29533	.13459	.14030
#1	39.682	.47979	.23242	.35059	3.8614	1.1029	9.5019	.58137	.08391
#2	40.159	.47609	.23195	.35123	3.7953	1.1020	9.4969	.58049	.08375
#3	39.983	.47679	.23188	.34806	3.7417	1.0956	9.5479	.57981	.08368
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	449.14	.36847	.25302	13.698	.49516	.37272	.19342	1.7958	.83643
Stddev	6.95	.00236	.00100	.089	.00335	.00149	.03767	.0410	.00183
%RSD	1.5473	.64011	.39457	.64868	.67746	.39904	19.474	2.2854	.21902
#1	453.36	.37088	.25413	13.631	.49714	.37435	.16891	1.8407	.83793
#2	452.95	.36837	.25273	13.799	.49706	.37236	.17455	1.7867	.83439
#3	441.12	.36616	.25219	13.664	.49129	.37144	.23679	1.7601	.83696
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24808	.24081	6.865	.30635	10.168	5.7353			
Stddev	.00244	.00487	.026	.00317	.363	.7485			
%RSD	.98363	2.0232	.3799	1.0345	3.5718	13.050			
#1	.24655	.23552	6.883	.30286	10.197	6.0895			
#2	.25090	.24511	6.876	.30905	10.516	4.8755			
#3	.24680	.24180	6.835	.30713	9.7914	6.2409			

Sample Name: K1010-08MS Acquired: 1/29/2019 22:22:10 Type: Unk
Method: P4-ICP2(v2804) 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	2893.1	32973.	2811.0	6.5133	2951.1
Stddev	11.2	147.	50.4	1.3274	11.1
%RSD	.38785	.44654	1.7914	20.380	.37598
#1	2881.6	32893.	2774.5	5.7829	2939.4
#2	2893.8	32883.	2790.1	8.0455	2952.4
#3	2904.0	33143.	2868.5	5.7114	2961.4

Sample Name: K1010-08MSD Acquired: 1/29/2019 22:26:25 Type: Unk
Method: P4-ICP2(v2804) 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	.89919	2.2032	1.0900	2.3033	.90552	2.4448	.36419	.23210	.22600
Stddev	.00418	.0113	.0030	.0066	.00512	.0372	.00466	.00014	.00075
%RSD	.46484	.51242	.27303	.28643	.56591	1.5201	1.2809	.05866	.32988
#1	.89659	2.1902	1.0872	2.2985	.90150	2.4530	.36814	.23198	.22531
#2	.89698	2.2083	1.0931	2.3005	.91129	2.4771	.35905	.23225	.22679
#3	.90402	2.2110	1.0898	2.3108	.90378	2.4042	.36540	.23206	.22590
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.225	.47465	.23179	.35147	3.7638	1.0863	9.3689	.58326	.08309
Stddev	.243	.00095	.00097	.00116	.0217	.0006	.1273	.00212	.00032
%RSD	.61946	.19972	.41749	.32991	.57698	.05480	1.3582	.36328	.38207
#1	38.964	.47546	.23070	.35066	3.7415	1.0856	9.2237	.58093	.08310
#2	39.267	.47361	.23213	.35096	3.7649	1.0864	9.4606	.58377	.08276
#3	39.444	.47488	.23254	.35280	3.7849	1.0868	9.4225	.58508	.08339
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	437.52	.36509	.25498	13.562	.49488	.36402	.19177	1.7537	.84215
Stddev	4.53	.00055	.00125	.040	.00154	.00702	.05750	.0144	.00393
%RSD	1.0355	.14930	.48867	.29300	.31033	1.9282	29.981	.82272	.46707
#1	432.67	.36459	.25355	13.524	.49349	.36095	.12583	1.7384	.83810
#2	441.65	.36501	.25554	13.603	.49463	.37205	.23141	1.7670	.84595
#3	438.24	.36567	.25585	13.557	.49653	.35905	.21808	1.7559	.84242
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24336	.23583	6.891	.30087	10.798	5.7436			
Stddev	.00082	.00232	.035	.00103	.079	.4719			
%RSD	.33607	.98192	.5063	.34211	.73606	8.2158			
#1	.24375	.23420	6.851	.30206	10.773	5.7090			
#2	.24242	.23848	6.915	.30018	10.887	5.2900			
#3	.24391	.23481	6.907	.30039	10.733	6.2319			

Sample Name: K1010-08MSD Acquired: 1/29/2019 22:26:25 Type: Unk
Method: P4-ICP2(v2804) 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	2857.3	32993.	2812.4	7.7960	2906.1
Stddev	4.5	116.	17.6	.3950	5.6
%RSD	.15770	.35125	.62461	5.0665	.19333
#1	2861.2	33001.	2832.3	7.9659	2912.5
#2	2858.2	32873.	2798.9	8.0777	2902.3
#3	2852.3	33104.	2806.1	7.3445	2903.4

Sample Name: K1010-08A Acquired: 1/29/2019 22:30:41 Type: Unk
Method: P4-ICP2(v2804) 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	.87781	2.1474	1.0632	2.2612	.88636	2.4255	.37002	.22911	.22082
Stddev	.00622	.0052	.0015	.0054	.00357	.0092	.00364	.00126	.00018
%RSD	.70888	.24098	.14342	.23735	.40240	.37942	.98452	.54791	.08258
#1	.87562	2.1531	1.0615	2.2569	.88963	2.4200	.37059	.23021	.22082
#2	.87298	2.1430	1.0638	2.2596	.88256	2.4361	.37334	.22938	.22063
#3	.88483	2.1460	1.0645	2.2672	.88690	2.4203	.36612	.22774	.22100
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.698	.46855	.22670	.34320	3.7817	1.0807	9.3914	.56970	.08143
Stddev	.170	.00390	.00069	.00100	.0120	.0045	.1069	.00056	.00087
%RSD	.42937	.83334	.30496	.29033	.31588	.41980	1.1387	.09828	1.0728
#1	39.726	.47001	.22669	.34211	3.7945	1.0831	9.5018	.56973	.08068
#2	39.852	.47152	.22601	.34340	3.7797	1.0835	9.2883	.56912	.08123
#3	39.515	.46413	.22739	.34407	3.7709	1.0755	9.3843	.57024	.08239
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	437.69	.36095	.24885	13.526	.48529	.37254	.20809	1.7974	.82254
Stddev	2.20	.00230	.00076	.080	.00197	.00249	.00751	.0083	.00285
%RSD	.50237	.63801	.30430	.59504	.40685	.66806	3.6097	.45880	.34599
#1	435.20	.36351	.24804	13.494	.48373	.36967	.21573	1.8011	.82003
#2	438.48	.36028	.24898	13.617	.48463	.37380	.20783	1.8030	.82195
#3	439.38	.35906	.24954	13.466	.48751	.37414	.20072	1.7879	.82563
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24073	.23984	6.728	.30202	9.4316	6.8194			
Stddev	.00396	.00182	.017	.00270	.3993	.2297			
%RSD	1.6439	.75743	.2523	.89362	4.2342	3.3690			
#1	.24438	.23910	6.721	.30406	9.8341	6.9915			
#2	.24130	.24191	6.716	.29896	9.4252	6.9082			
#3	.23652	.23851	6.747	.30303	9.0355	6.5585			

Sample Name: K1010-08A Acquired: 1/29/2019 22:30:41 Type: Unk
Method: P4-ICP2(v2804) 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	2923.4	33481.	2820.8	7.9984	2980.1
Stddev	17.5	206.	12.4	1.1215	15.2
%RSD	.59787	.61454	.43848	14.022	.50871
#1	2937.9	33345.	2814.8	6.8386	2993.9
#2	2928.3	33381.	2812.6	8.0792	2982.6
#3	2904.0	33718.	2835.0	9.0773	2963.9

Sample Name: K1010-10 Acquired: 1/29/2019 22:34:57 Type: Unk
Method: P4-ICP2(v2804) 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	-.00132	-.00042	.00793	.00672	.00447	.20422	.14250
Stddev	.00170	.00202	.00114	.00293	.00116	.00349	.00251
%RSD	128.67	481.29	14.306	43.590	26.033	1.7087	1.7629

#1	-.00119	.00177	.00907	.00984	.00498	.20051	.14140
#2	.00031	-.00082	.00793	.00628	.00528	.20473	.14537
#3	-.00308	-.00221	.00680	.00403	.00313	.20743	.14072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00024	24.870	.00013	.00563	.00672	.07020
Stddev	.00002	.00010	.302	.00064	.00039	.00067	.00389
%RSD	30.898	43.270	1.2146	486.32	6.9145	9.9206	5.5437

#1	.00004	-.00036	24.522	.00076	.00569	.00649	.07021
#2	.00007	-.00018	25.032	.00016	.00598	.00748	.06630
#3	.00004	-.00017	25.056	-.00052	.00521	.00620	.07408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71060	4.5062	.00327	.00061	439.59	.00039	.02338
Stddev	.00237	.0745	.00029	.00064	1.44	.00054	.00022
%RSD	.33315	1.6537	8.7463	105.49	.32653	137.18	.94182

#1	.71302	4.4775	.00323	.00124	440.14	.00093	.02313
#2	.71049	4.5908	.00357	.00063	437.96	.00039	.02343
#3	.70829	4.4504	.00300	-.00004	440.67	-.00015	.02357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5926	.00011	.00770	.19474	.45819	.00324	.00121
Stddev	.0263	.00016	.00240	.03199	.00845	.00093	.00105
%RSD	1.6520	150.94	31.212	16.427	1.8438	28.766	86.912

#1	1.5789	.00025	.00628	.22016	.45368	.00229	.00016
#2	1.5760	-.00007	.00634	.15882	.45295	.00416	.00121
#3	1.6230	.00015	.01048	.20522	.46793	.00327	.00225

Sample Name: K1010-10 Acquired: 1/29/2019 22:34:57 Type: Unk
 Method: P4-ICP2(v2804) 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	.00809	.0083	.04976	9.4335	F<.00000
Stddev	.00446	.0021	.00032	.9316	.58859
%RSD	55.090	25.03	.64279	9.8758	16.561

#1	.00344	.0096	.04945	10.216	-4.2117
#2	.00852	.0095	.04972	9.6812	-3.0767
#3	.01232	.0059	.05009	8.4030	-3.3738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.9	33233.	2872.0	8.2205	2928.7
Stddev	24.5	238.	24.7	.3922	28.5
%RSD	.85408	.71582	.86086	4.7706	.97180

#1	2890.2	32988.	2894.4	8.2318	2959.1
#2	2841.3	33249.	2876.1	8.6068	2902.7
#3	2866.2	33463.	2845.4	7.8227	2924.3

Sample Name: K1016-12 Acquired: 1/29/2019 22:39:34 Type: Unk
Method: P4-ICP2(v2804) 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	-.00227	-.00303	.00937	.00545	.00191	.10325	.12585
Stddev	.00164	.00066	.00017	.00319	.00075	.00864	.00371
%RSD	72.083	21.600	1.7837	58.483	39.236	8.3632	2.9468

#1	-.00041	-.00285	.00943	.00295	.00250	.10783	.13013
#2	-.00348	-.00376	.00918	.00437	.00107	.09329	.12378
#3	-.00293	-.00248	.00949	.00904	.00216	.10863	.12364

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00041	141.25	.00024	.00423	.00559	.85340
Stddev	.00006	.00008	.80	.00050	.00016	.00097	.00495
%RSD	108.71	20.853	.56603	208.02	3.7875	17.426	.58001

#1	.00009	-.00044	141.68	.00015	.00434	.00659	.85430
#2	-.00001	-.00047	141.74	.00077	.00404	.00552	.85783
#3	.00010	-.00031	140.33	-.00021	.00430	.00465	.84806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0991	2.2208	.00377	-.00016	380.42	.00023	.02440
Stddev	.0014	.0109	.00029	.00049	3.79	.00024	.00014
%RSD	.12332	.49230	7.5912	297.88	.99685	103.12	.56181

#1	1.0997	2.2326	.00345	-.00066	384.56	.00039	.02442
#2	1.1000	2.2187	.00385	-.00016	379.59	-.00004	.02453
#3	1.0975	2.2110	.00400	.00033	377.11	.00035	.02425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1988	.00024	.03040	1.2387	3.2327	.00398	-.00758
Stddev	.0310	.00004	.01083	.0537	.0203	.00086	.00396
%RSD	1.4113	17.673	35.634	4.3331	.62711	21.739	52.189

#1	2.1681	.00027	.03071	1.2389	3.2259	.00498	-.00326
#2	2.2302	.00019	.04108	1.1850	3.2554	.00350	-.01103
#3	2.1982	.00027	.01942	1.2924	3.2166	.00346	-.00846

Sample Name: K1016-12 Acquired: 1/29/2019 22:39:34 Type: Unk
 Method: P4-ICP2(v2804) 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	.01668	-.0001	.41441	9.2301	F<.00000
Stddev	.00164	.0017	.00296	.6251	.70991
%RSD	9.8033	1163.	.71527	6.7725	24.013

#1	.01620	-.0021	.41717	9.8606	-3.4243
#2	.01534	.0007	.41478	9.2190	-2.1395
#3	.01850	.0010	.41128	8.6105	-3.3053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.4	33187.	2842.8	6.8344	2926.2
Stddev	10.8	157.	37.5	1.2262	12.7
%RSD	.37680	.47256	1.3180	17.942	.43391

#1	2864.2	33034.	2808.9	5.9064	2912.0
#2	2885.8	33179.	2836.4	6.3722	2936.5
#3	2876.1	33348.	2883.0	8.2245	2930.1

Sample Name: K1264-01 Acquired: 1/29/2019 22:44:09 Type: Unk
Method: P4-ICP2(v2804) 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	-.00161	-.00342	.01545	.00667	.00073	-.00268	.21875
Stddev	.00242	.00223	.00046	.00223	.00224	.00775	.00160
%RSD	150.01	65.258	2.9793	33.510	306.11	288.75	.73022

#1	-.00395	-.00137	.01589	.00593	.00308	-.01022	.21798
#2	.00087	-.00310	.01548	.00490	.00049	-.00309	.21767
#3	-.00176	-.00580	.01497	.00918	-.00137	.00526	.22058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00028	325.48	.04960	.00137	.00834	-.09452
Stddev	.00006	.00007	.96	.00017	.00032	.00030	.00278
%RSD	89.074	23.815	.29477	.33350	23.453	3.5962	2.9402

#1	-.00013	.00025	325.72	.04975	.00100	.00865	-.09416
#2	-.00003	.00024	326.30	.04942	.00157	.00832	-.09746
#3	-.00003	.00036	324.43	.04962	.00153	.00805	-.09194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56910	7.8965	.00463	-.00066	471.38	.00375	.17556
Stddev	.00035	.0906	.00007	.00046	3.96	.00045	.00017
%RSD	.06237	1.1470	1.4826	69.798	.84024	11.904	.09610

#1	.56916	7.9985	.00460	-.00055	474.07	.00385	.17569
#2	.56942	7.8254	.00458	-.00117	473.24	.00326	.17537
#3	.56871	7.8657	.00471	-.00026	466.83	.00414	.17562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8284	.00068	.07307	9.1381	8.7477	.00118	-.00844
Stddev	.0615	.00016	.00997	.0618	.0701	.00061	.00128
%RSD	.62551	24.050	13.640	.67612	.80126	51.708	15.156

#1	9.8993	.00055	.08378	9.0668	8.7882	.00168	-.00933
#2	9.7969	.00087	.07137	9.1726	8.7880	.00050	-.00902
#3	9.7891	.00063	.06406	9.1749	8.6667	.00135	-.00697

Sample Name: K1264-01 Acquired: 1/29/2019 22:44:09 Type: Unk
 Method: P4-ICP2(v2804) 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	.04582	.0109	1.8428	11.818	F<.00000
Stddev	.00251	.0004	.0103	.309	.71398
%RSD	5.4766	3.674	.56085	2.6126	16.963
#1	.04354	.0105	1.8533	11.797	-3.4060
#2	.04542	.0109	1.8423	12.137	-4.4486
#3	.04851	.0113	1.8326	11.521	-4.7724
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.7	31557.	2745.4	6.2146	2767.0
Stddev	6.3	97.	23.7	1.6281	8.3
%RSD	.23063	.30712	.86208	26.198	.29970
#1	2727.5	31445.	2722.8	4.4959	2768.7
#2	2734.1	31616.	2743.3	7.7337	2774.3
#3	2721.6	31610.	2770.0	6.4142	2758.0

Sample Name: K1265-01 Acquired: 1/29/2019 22:48:44 Type: Unk
Method: P4-ICP2(v2804) 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	-.00486	.00062	.00060	.00339	.00243	.03471	.29439	.00018
Stddev	.00255	.00141	.00069	.00308	.00062	.00521	.00699	.00004
%RSD	52.336	227.22	114.90	90.860	25.671	15.003	2.3754	19.906

#1	-.00756	-.00036	.00138	.00624	.00313	.03090	.29974	.00018
#2	-.00251	-.00002	.00007	.00013	.00221	.03258	.29695	.00015
#3	-.00452	.00223	.00036	.00379	.00194	.04064	.28647	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00263	8.9219	.00412	.00245	.00503	33.915	.06975	1.6880
Stddev	.00008	.0951	.00015	.00008	.00012	.104	.00043	.0551
%RSD	3.1039	1.0665	3.7516	3.2282	2.3292	.30570	.62283	3.2669

#1	-.00261	8.8966	.00402	.00242	.00497	33.832	.06925	1.7009
#2	-.00272	9.0271	.00430	.00254	.00497	34.031	.07004	1.6275
#3	-.00256	8.8419	.00405	.00240	.00517	33.883	.06995	1.7355

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02447	-.00192	346.11	.00157	.08502	.95633	.00220	.04289
Stddev	.00011	.00021	.62	.00005	.00031	.04305	.00011	.00419
%RSD	.45965	10.858	.18033	3.3858	.36171	4.5014	4.8891	9.7679

#1	.02456	-.00189	346.74	.00153	.08486	1.0048	.00228	.04758
#2	.02450	-.00173	345.49	.00163	.08538	.94180	.00224	.04157
#3	.02434	-.00215	346.10	.00154	.08483	.92243	.00208	.03952

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36061	.45029	.00230	-.00513	.00905	.6486	-.00355	8.8898
Stddev	.01312	.00080	.00073	.00251	.00231	.0018	.00008	.2397
%RSD	3.6371	.17737	31.825	48.976	25.511	.2806	2.1149	2.6965

#1	.37509	.44989	.00149	-.00279	.00736	.6505	-.00349	9.0260
#2	.35723	.45121	.00250	-.00778	.00811	.6484	-.00364	9.0305
#3	.34952	.44978	.00291	-.00481	.01168	.6469	-.00352	8.6130

Sample Name: K1265-01 Acquired: 1/29/2019 22:48:44 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	34.417
Stddev	.676
%RSD	1.9639

#1	34.357
#2	33.773
#3	35.121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.7	33381.	2816.0	7.9606	2995.3
Stddev	12.4	187.	18.4	.7193	10.0
%RSD	.42710	.55992	.65463	9.0355	.33454

#1	2895.9	33187.	2807.2	7.2045	2990.3
#2	2899.3	33397.	2803.7	8.0409	2988.8
#3	2918.9	33560.	2837.2	8.6364	3006.8

Sample Name: K1266-02 Acquired: 1/29/2019 22:53:19 Type: Unk
Method: P4-ICP2(v2804) 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	-.00041	.00015	.00797	.00242	.00087	.01902	.05533
Stddev	.00225	.00339	.00104	.00370	.00102	.00640	.00354
%RSD	548.40	2271.9	13.069	153.06	116.63	33.630	6.4027

#1	.00213	-.00364	.00685	-.00129	-.00028	.01807	.05147
#2	-.00122	.00290	.00892	.00242	.00167	.02584	.05844
#3	-.00214	.00118	.00814	.00612	.00124	.01315	.05608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00046	44.503	-.00026	-.00080	.00093	-.00651
Stddev	.00005	.00010	.403	.00050	.00009	.00046	.00192
%RSD	33.556	21.067	.90481	193.46	11.125	49.773	29.445

#1	.00008	-.00043	44.114	-.00076	-.00085	.00125	-.00857
#2	.00016	-.00038	44.477	.00024	-.00086	.00040	-.00621
#3	.00017	-.00056	44.918	-.00025	-.00070	.00113	-.00476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	102.40	-.00332	-.00010	758.49	.00107	.00135
Stddev	.00009	.45	.00043	.00008	8.51	.00049	.00008
%RSD	2.1725	.43765	12.860	87.705	1.1215	46.350	5.9939

#1	.00394	102.06	-.00353	-.00018	748.82	.00067	.00141
#2	.00404	102.24	-.00283	-.00009	761.85	.00162	.00126
#3	.00411	102.91	-.00361	-.00001	764.80	.00090	.00138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.476	.00081	.35436	F 76.663	1.6191	-.02491	-.00382
Stddev	.201	.00034	.00543	.504	.0361	.00070	.00259
%RSD	.65885	41.891	1.5328	.65724	2.2275	2.8192	67.863

#1	30.272	.00117	.34948	76.191	1.5834	-.02567	-.00340
#2	30.484	.00074	.36022	76.604	1.6183	-.02477	-.00147
#3	30.673	.00051	.35339	77.194	1.6555	-.02429	-.00660

Sample Name: K1266-02 Acquired: 1/29/2019 22:53:19 Type: Unk
Method: P4-ICP2(v2804) 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	.01667	.0234	.60237	10.955	F<.00000
Stddev	.00495	.0015	.00442	.453	1.0088
%RSD	29.659	6.503	.73434	4.1321	24.875
#1	.01233	.0216	.59756	11.444	-3.4097
#2	.02205	.0239	.60327	10.871	-5.2178
#3	.01564	.0245	.60627	10.551	-3.5386
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.0	32076.	2835.9	8.5526	2842.4
Stddev	31.2	78.	33.8	.4945	33.8
%RSD	1.0967	.24384	1.1921	5.7821	1.1899
#1	2835.4	32166.	2868.7	8.6010	2837.2
#2	2882.3	32035.	2837.9	9.0211	2878.6
#3	2823.2	32027.	2801.2	8.0356	2811.6

Sample Name: K1266-03 Acquired: 1/29/2019 22:57:54 Type: Unk
Method: P4-ICP2(v2804) 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	-.00101	.00127	.00778	.00297	.00038	.01128	.06672
Stddev	.00137	.00153	.00112	.00468	.00073	.01750	.00410
%RSD	134.92	120.74	14.402	157.35	192.49	155.09	6.1397

#1	-.00221	.00013	.00674	.00166	.00015	-.00805	.06228
#2	.00047	.00300	.00763	-.00091	-.00021	.01586	.06752
#3	-.00129	.00067	.00897	.00817	.00120	.02604	.07035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00046	38.045	-.00075	-.00042	.00071	-.00727
Stddev	.00007	.00008	.100	.00045	.00013	.00051	.00135
%RSD	86.042	18.498	.26197	60.145	30.053	71.566	18.542

#1	.00015	-.00040	38.053	-.00072	-.00056	.00048	-.00627
#2	.00006	-.00042	38.140	-.00122	-.00032	.00036	-.00673
#3	.00002	-.00056	37.941	-.00032	-.00038	.00130	-.00880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00322	87.327	-.00368	.00038	657.61	.00076	.00083
Stddev	.00001	.271	.00045	.00034	7.37	.00116	.00008
%RSD	.35943	.31044	12.347	88.642	1.1207	151.84	9.7549

#1	.00323	87.021	-.00316	.00006	655.15	-.00054	.00078
#2	.00321	87.536	-.00391	.00074	665.89	.00167	.00092
#3	.00323	87.424	-.00397	.00034	651.78	.00116	.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.275	.00089	.30281	F 63.447	1.4056	-.02020	-.00606
Stddev	.093	.00022	.01580	.319	.0089	.00082	.00415
%RSD	.35213	24.239	5.2181	.50297	.63601	4.0664	68.471

#1	26.172	.00112	.29344	63.202	1.3962	-.01936	-.00141
#2	26.302	.00069	.29393	63.331	1.4140	-.02100	-.00939
#3	26.352	.00087	.32105	63.808	1.4068	-.02024	-.00737

Sample Name: K1266-03 Acquired: 1/29/2019 22:57:54 Type: Unk
 Method: P4-ICP2(v2804) 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	.01906	.0191	.52008	11.687	F<.00000
Stddev	.00330	.0019	.00099	.682	.46015
%RSD	17.337	9.988	.19098	5.8364	15.171
#1	.01558	.0179	.51952	12.369	-3.4169
#2	.02216	.0181	.51949	11.687	-3.1595
#3	.01944	.0213	.52123	11.005	-2.5230
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.2	31653.	2716.9	6.6673	2814.1
Stddev	15.8	216.	11.8	.3114	15.7
%RSD	.56477	.68202	.43456	4.6708	.55897
#1	2796.4	31442.	2715.4	6.3162	2811.1
#2	2820.1	31643.	2705.8	6.9099	2831.1
#3	2790.0	31874.	2729.3	6.7760	2800.1

Sample Name: K1266-04 Acquired: 1/29/2019 23:02:29 Type: Unk
Method: P4-ICP2(v2804) 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	-.00140	.00047	.00823	.00087	.00033	.01951	.05682
Stddev	.00205	.00130	.00173	.00088	.00097	.02498	.00349
%RSD	146.68	277.54	20.991	101.09	297.77	128.06	6.1401

#1	-.00061	.00178	.01008	.00008	-.00077	.04831	.05290
#2	.00014	-.00082	.00666	.00183	.00106	.00369	.05798
#3	-.00373	.00045	.00794	.00071	.00069	.00652	.05958

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00041	39.931	-.00019	-.00045	.00072	-.00533
Stddev	.00013	.00007	.355	.00040	.00022	.00056	.00275
%RSD	89.265	17.803	.88799	212.57	47.839	77.760	51.595

#1	.00010	-.00033	39.522	.00027	-.00070	.00008	-.00253
#2	.00029	-.00047	40.156	-.00047	-.00035	.00099	-.00543
#3	.00004	-.00043	40.114	-.00037	-.00031	.00110	-.00803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00387	91.527	-.00354	.00048	688.74	.00082	.00097
Stddev	.00008	.724	.00075	.00068	5.19	.00063	.00005
%RSD	2.1739	.79086	21.125	141.55	.75359	77.452	5.6635

#1	.00391	90.701	-.00377	.00071	692.81	.00148	.00100
#2	.00377	92.053	-.00415	.00102	682.89	.00075	.00100
#3	.00392	91.827	-.00271	-.00029	690.51	.00022	.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.573	.00098	.32428	F 67.813	1.4288	-.02231	-.00440
Stddev	.368	.00031	.00059	.391	.0222	.00040	.00270
%RSD	1.3355	31.151	.18326	.57682	1.5574	1.8048	61.506

#1	27.438	.00115	.32485	67.784	1.4154	-.02242	-.00262
#2	27.291	.00063	.32367	68.218	1.4165	-.02187	-.00306
#3	27.990	.00116	.32431	67.438	1.4545	-.02265	-.00751

Sample Name: K1266-04 Acquired: 1/29/2019 23:02:29 Type: Unk
Method: P4-ICP2(v2804) 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	.01760	.0202	.54382	10.953	F<.00000
Stddev	.00660	.0013	.00605	.392	.30147
%RSD	37.495	6.204	1.1133	3.5812	7.0350
#1	.01874	.0214	.54030	10.841	-3.9397
#2	.01050	.0203	.54035	10.629	-4.4227
#3	.02355	.0189	.55081	11.389	-4.4938
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.0	32301.	2820.7	7.1549	2837.7
Stddev	5.4	139.	46.6	.5741	4.4
%RSD	.19195	.43090	1.6514	8.0238	.15517
#1	2836.3	32348.	2841.3	7.7725	2836.5
#2	2825.5	32410.	2853.3	7.0547	2834.0
#3	2831.2	32144.	2767.3	6.6375	2842.6

Sample Name: CCV11 Acquired: 1/29/2019 23:07:03 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0840	5.1903	5.0726	5.1289	5.0857	9.9998	10.167	.26165
Stddev	.0236	.0221	.0206	.0196	.0244	.0263	.077	.00015
%RSD	.46508	.42530	.40636	.38148	.48038	.26297	.75367	.05848
#1	5.1064	5.2147	5.0962	5.1505	5.1139	9.9706	10.243	.26182
#2	5.0592	5.1845	5.0632	5.1124	5.0732	10.021	10.168	.26156
#3	5.0863	5.1717	5.0584	5.1239	5.0701	10.007	10.089	.26155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5634	27.094	1.0720	2.5487	1.3194	F 5.8319	2.6414	F 27.612
Stddev	.0092	.057	.0015	.0084	.0039	.0074	.0057	.090
%RSD	.35810	.20988	.13740	.33056	.29270	.12620	.21498	.32496
#1	2.5736	27.121	1.0707	2.5580	1.3238	5.8401	2.6445	27.667
#2	2.5558	27.133	1.0736	2.5417	1.3179	5.8298	2.6449	27.509
#3	2.5608	27.029	1.0716	2.5464	1.3165	5.8258	2.6349	27.661
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6066	1.3068	26.343	2.6932	2.5006	26.959	5.3641	F 5.5365
Stddev	.0112	.0002	.114	.0015	.0101	.220	.0143	.0214
%RSD	.42950	.01566	.43085	.05404	.40466	.81495	.26624	.38654
#1	2.6192	1.3070	26.465	2.6929	2.5115	27.182	5.3802	5.5402
#2	2.5981	1.3066	26.322	2.6948	2.4915	26.950	5.3592	5.5557
#3	2.6023	1.3069	26.241	2.6919	2.4989	26.743	5.3530	5.5134
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1831	F 5.6643	5.3151	5.3726	5.2674	5.133	5.3711	F 9.9996
Stddev	.0925	.0245	.0209	.0215	.0275	.031	.0350	.5901
%RSD	1.7852	.43345	.39345	.40011	.52277	.6024	.65093	5.9009
#1	5.1406	5.6835	5.3389	5.3758	5.2867	5.164	5.3949	10.229
#2	5.1195	5.6728	5.3068	5.3497	5.2796	5.135	5.3874	10.440
#3	5.2893	5.6367	5.2995	5.3923	5.2359	5.102	5.3309	9.3292

Sample Name: CCV11 Acquired: 1/29/2019 23:07:03 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0147
Stddev .3340
%RSD 32.919

#1 1.3480
#2 1.0163
#3 .67990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.8	33478.	2745.9	7.5886	3022.8
Stddev	15.6	191.	15.6	.0526	20.5
%RSD	.53136	.57182	.56712	.69351	.67691

#1	2917.2	33354.	2729.6	7.6235	2999.6
#2	2932.9	33381.	2747.6	7.6143	3030.6
#3	2948.4	33698.	2760.6	7.5281	3038.2

Sample Name: CCB11 Acquired: 1/29/2019 23:11:04 Type: Unk
Method: P4-ICP2(v2804) 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	.00117	.00320	.00102	.00016	.00212	.01581	F .05490
Stddev	.00064	.00260	.00014	.00225	.00217	.01338	.00115
%RSD	54.498	81.297	13.374	1442.8	102.45	84.625	2.0974

#1	.00075	.00549	.00093	-.00150	-.00015	.02978	.05381
#2	.00190	.00373	.00095	-.00075	.00418	.00311	.05478
#3	.00085	.00037	.00118	.00271	.00232	.01454	.05611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00013	.01363	.00040	-.00025	.00032	-.00055
Stddev	.00006	.00004	.02258	.00024	.00033	.00045	.00493
%RSD	3831.2	28.835	165.66	59.180	128.39	140.94	902.82

#1	.00007	-.00013	-.01103	.00017	-.00056	.00082	-.00618
#2	-.00005	-.00017	.01862	.00065	.00009	.00015	.00154
#3	-.00001	-.00010	.03331	.00038	-.00029	-.00002	.00300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.01216	-.00118	-.00006	.24380	.00005	.00014
Stddev	.00009	.02737	.00015	.00032	.00883	.00039	.00008
%RSD	64.727	225.07	12.591	578.48	3.6226	818.97	60.215

#1	.00009	.00565	-.00133	-.00009	.23707	.00001	.00005
#2	.00023	.04220	-.00103	-.00036	.25380	.00045	.00014
#3	.00008	-.01137	-.00118	.00028	.24053	-.00032	.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16414	.00039	.00761	F -.03191	.00461	-.00026	-.00057
Stddev	.02035	.00013	.00883	.02205	.00291	.00030	.00129
%RSD	12.399	32.990	116.07	69.108	63.033	117.05	225.51

#1	-.16711	.00053	-.00057	-.01346	.00795	-.00029	-.00069
#2	-.18284	.00027	.01698	-.02593	.00263	.00006	-.00181
#3	-.14247	.00038	.00642	-.05633	.00326	-.00054	.00077

Sample Name: CCB11 Acquired: 1/29/2019 23:11:04 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00728	.0008	.00006	F 5.8881	F<.00000
Stddev	.00394	.0004	.00003	.4175	.65415
%RSD	54.087	46.97	59.687	7.0913	78.267

#1	.00896	.0012	.00002	6.3702	-.29727
#2	.01009	.0007	.00009	5.6421	-1.5637
#3	.00278	.0005	.00006	5.6520	-.64634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.7	35424.	2795.7	7.9083	3456.9
Stddev	10.1	189.	19.1	1.0915	12.3
%RSD	.32758	.53336	.68492	13.802	.35551

#1	3065.9	35223.	2813.3	8.6000	3448.3
#2	3070.2	35450.	2798.5	6.6500	3451.3
#3	3085.1	35598.	2775.3	8.4750	3471.0

Sample Name: K1266-05 Acquired: 1/29/2019 23:15:34 Type: Unk
Method: P4-ICP2(v2804) 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	-.00024	-.00021	.00882	.00331	.00158	-.00341	.05852
Stddev	.00142	.00118	.00058	.00147	.00016	.01418	.00550
%RSD	599.17	570.36	6.6018	44.470	10.054	416.48	9.4066

#1	-.00185	.00097	.00884	.00290	.00140	.01221	.05823
#2	.00029	-.00138	.00940	.00495	.00169	-.00692	.05317
#3	.00085	-.00021	.00823	.00209	.00165	-.01550	.06416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00041	47.359	-.00067	-.00064	.00068	-.00459
Stddev	.00005	.00005	.296	.00039	.00036	.00075	.00324
%RSD	32.731	12.131	.62567	58.386	55.920	109.81	70.616

#1	.00018	-.00047	47.406	-.00043	-.00068	-.00005	-.00357
#2	.00009	-.00037	47.041	-.00046	-.00027	.00144	-.00822
#3	.00016	-.00041	47.628	-.00112	-.00098	.00065	-.00198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	108.28	-.00383	.00028	811.99	.00150	.00125
Stddev	.00004	.31	.00067	.00032	22.57	.00034	.00005
%RSD	.88644	.28732	17.454	117.31	2.7791	22.375	4.1286

#1	.00493	108.57	-.00363	.00011	832.51	.00128	.00125
#2	.00493	107.95	-.00457	.00065	815.63	.00189	.00131
#3	.00485	108.32	-.00328	.00007	787.82	.00134	.00120

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.699	.00097	.36777	F 80.489	1.7216	-.02689	-.00101
Stddev	.358	.00024	.01879	.344	.0063	.00005	.00124
%RSD	1.0951	24.855	5.1078	.42773	.36438	.17053	122.93

#1	33.056	.00101	.38546	80.094	1.7181	-.02694	.00027
#2	32.701	.00119	.34806	80.644	1.7289	-.02689	-.00221
#3	32.340	.00071	.36979	80.728	1.7179	-.02685	-.00109

Sample Name: K1266-05 Acquired: 1/29/2019 23:15:34 Type: Unk
Method: P4-ICP2(v2804) 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	.01574	.0260	.64331	11.060	F<.00000
Stddev	.00017	.0019	.00616	.741	.28716
%RSD	1.0824	7.301	.95794	6.6965	6.4025

#1	.01583	.0243	.64924	11.915	-4.2426
#2	.01555	.0258	.64375	10.609	-4.4105
#3	.01586	.0281	.63694	10.657	-4.8022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.0	31871.	2829.5	6.5928	2793.1
Stddev	20.7	111.	38.4	1.2891	17.0
%RSD	.74054	.34920	1.3561	19.553	.60965

#1	2818.9	31770.	2792.2	5.5070	2812.6
#2	2783.3	31853.	2827.5	6.2539	2781.6
#3	2782.8	31990.	2868.8	8.0175	2785.0

Sample Name: K1266-06 Acquired: 1/29/2019 23:20:08 Type: Unk
Method: P4-ICP2(v2804) 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	.00248	.00012	.00759	.00186	.00252	.00043	.05745
Stddev	.00111	.00121	.00106	.00263	.00225	.01421	.00412
%RSD	44.855	989.27	14.009	141.34	89.315	3272.0	7.1646

#1	.00137	-.00115	.00866	.00479	.00294	.01182	.05980
#2	.00248	.00026	.00653	-.00032	.00009	-.01550	.05270
#3	.00359	.00125	.00759	.00112	.00453	.00498	.05985

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00044	35.151	-.00038	-.00032	.00059	-.00643
Stddev	.00005	.00006	.063	.00050	.00035	.00051	.00039
%RSD	101.61	13.745	.17860	132.39	107.61	86.921	6.0978

#1	-.00001	-.00042	35.164	-.00073	-.00005	.00000	-.00630
#2	.00006	-.00051	35.206	-.00060	-.00021	.00094	-.00612
#3	.00008	-.00039	35.082	.00019	-.00072	.00082	-.00687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	79.673	-.00329	.00019	606.41	.00114	.00061
Stddev	.00002	.442	.00029	.00028	6.01	.00022	.00003
%RSD	.67656	.55498	8.9274	146.33	.99032	19.443	5.0056

#1	.00310	79.283	-.00359	-.00011	599.53	.00137	.00063
#2	.00308	79.584	-.00300	.00025	609.07	.00092	.00058
#3	.00312	80.153	-.00327	.00043	610.62	.00114	.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.048	.00076	.27132	F 58.581	1.3351	-.01882	-.00158
Stddev	.114	.00009	.01327	.109	.0063	.00100	.00212
%RSD	.47205	11.736	4.8908	.18544	.46996	5.3008	134.06

#1	23.938	.00075	.25646	58.519	1.3290	-.01769	-.00056
#2	24.042	.00086	.28198	58.517	1.3347	-.01921	-.00016
#3	24.165	.00068	.27551	58.706	1.3415	-.01957	-.00403

Sample Name: K1266-06 Acquired: 1/29/2019 23:20:08 Type: Unk
 Method: P4-ICP2(v2804) 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	.01487	.0175	.47767	10.494	F<.00000
Stddev	.00131	.0016	.00131	.363	.37789
%RSD	8.8270	9.159	.27356	3.4637	9.8399
#1	.01342	.0193	.47617	10.202	-3.9247
#2	.01520	.0170	.47825	10.379	-4.1689
#3	.01598	.0162	.47858	10.901	-3.4274
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.4	32236.	2803.0	8.1991	2831.7
Stddev	4.3	53.	19.4	1.3153	6.2
%RSD	.15358	.16483	.69168	16.041	.21738
#1	2812.2	32195.	2825.1	7.3525	2833.4
#2	2806.2	32296.	2795.0	7.5304	2836.8
#3	2803.9	32218.	2788.9	9.7144	2824.8

Sample Name: K1266-07 Acquired: 1/29/2019 23:24:43 Type: Unk
Method: P4-ICP2(v2804) 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	-.00118	.00010	.00763	.00576	.00190	.02715	.06046
Stddev	.00124	.00312	.00087	.00153	.00055	.00881	.00506
%RSD	105.12	3179.5	11.338	26.503	28.982	32.438	8.3769

#1	-.00039	.00217	.00735	.00693	.00131	.03672	.06547
#2	-.00054	-.00349	.00860	.00403	.00240	.02531	.05534
#3	-.00260	.00161	.00694	.00633	.00199	.01940	.06057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00037	37.988	-.00060	-.00060	.00066	-.00646
Stddev	.00013	.00011	.101	.00008	.00034	.00056	.00113
%RSD	127.30	28.867	.26702	14.052	55.635	85.157	17.464

#1	.00005	-.00039	37.894	-.00050	-.00090	.00115	-.00686
#2	.00001	-.00047	37.975	-.00066	-.00067	.00004	-.00519
#3	.00025	-.00026	38.096	-.00063	-.00024	.00080	-.00734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	91.722	-.00389	.00002	681.49	.00115	.00091
Stddev	.00004	.696	.00056	.00062	8.24	.00012	.00003
%RSD	1.4992	.75844	14.294	2622.7	1.2085	10.748	3.5613

#1	.00234	91.257	-.00325	-.00069	689.25	.00128	.00094
#2	.00241	92.522	-.00418	.00045	672.85	.00103	.00089
#3	.00237	91.388	-.00424	.00031	682.38	.00114	.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.762	.00087	.32440	F 69.099	1.2408	-.02235	-.00415
Stddev	.211	.00019	.00442	.228	.0112	.00036	.00470
%RSD	.76123	22.284	1.3619	.32991	.90173	1.5995	113.39

#1	27.726	.00065	.32541	69.228	1.2528	-.02271	-.00851
#2	27.571	.00093	.31957	69.233	1.2307	-.02234	.00084
#3	27.989	.00103	.32823	68.836	1.2389	-.02200	-.00477

Sample Name: K1266-07 Acquired: 1/29/2019 23:24:43 Type: Unk
Method: P4-ICP2(v2804) 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	.01984	.0181	.53954	10.902	F<.00000
Stddev	.00359	.0007	.00396	.186	.61685
%RSD	18.098	3.949	.73399	1.7060	13.027

#1	.02140	.0177	.54017	11.116	-4.5678
#2	.01574	.0190	.53531	10.816	-5.4183
#3	.02240	.0177	.54315	10.775	-4.2191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.1	31793.	2772.3	8.0535	2787.3
Stddev	3.5	119.	37.0	1.3871	2.7
%RSD	.12401	.37454	1.3356	17.224	.09629

#1	2780.1	31663.	2729.7	9.1027	2786.0
#2	2786.8	31822.	2797.0	8.5771	2790.4
#3	2782.3	31896.	2790.2	6.4809	2785.5

Sample Name: K1266-08 Acquired: 1/29/2019 23:29:18 Type: Unk
Method: P4-ICP2(v2804) 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	-.00120	-.00097	.00847	.00115	.00058	.02860	.05821
Stddev	.00222	.00349	.00009	.00163	.00270	.01252	.00452
%RSD	184.75	358.69	1.0187	140.95	462.69	43.793	7.7702

#1	.00136	-.00085	.00855	.00096	.00349	.04209	.05424
#2	-.00257	-.00452	.00848	.00287	-.00184	.01735	.06314
#3	-.00239	.00246	.00838	-.00037	.00010	.02636	.05725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00053	40.001	-.00047	-.00066	.00110	-.00685
Stddev	.00004	.00004	.121	.00056	.00041	.00028	.00357
%RSD	50.921	7.8400	.30338	120.71	63.291	25.909	52.132

#1	.00009	-.00055	39.966	-.00021	-.00021	.00140	-.00274
#2	.00009	-.00048	39.901	-.00008	-.00073	.00106	-.00916
#3	.00003	-.00054	40.136	-.00112	-.00103	.00084	-.00866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	96.117	-.00355	-.00051	710.65	.00092	.00081
Stddev	.00003	.483	.00019	.00013	3.98	.00060	.00011
%RSD	1.3865	.50216	5.4579	24.836	.55994	65.103	13.278

#1	.00251	95.629	-.00345	-.00055	712.41	.00159	.00069
#2	.00246	96.129	-.00378	-.00037	706.10	.00044	.00085
#3	.00245	96.594	-.00343	-.00061	713.45	.00073	.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.282	.00085	.32531	F 70.754	1.3045	-.02392	-.00640
Stddev	.196	.00022	.00628	.605	.0070	.00109	.00318
%RSD	.66948	25.865	1.9309	.85538	.53614	4.5726	49.785

#1	29.077	.00064	.32916	70.303	1.3042	-.02453	-.00533
#2	29.300	.00082	.32871	71.442	1.2977	-.02457	-.00998
#3	29.468	.00108	.31806	70.518	1.3117	-.02266	-.00388

Sample Name: K1266-08 Acquired: 1/29/2019 23:29:18 Type: Unk
Method: P4-ICP2(v2804) 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	.01818	.0191	.56805	10.939	F<.00000
Stddev	.00134	.0014	.00250	.637	.46498
%RSD	7.3528	7.403	.44002	5.8217	12.613

#1	.01694	.0176	.56721	11.635	-3.3593
#2	.01801	.0192	.56608	10.797	-4.2187
#3	.01960	.0204	.57086	10.385	-3.4813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.1	32013.	2751.3	7.0398	2800.0
Stddev	27.6	522.	16.6	.6921	25.3
%RSD	.98675	1.6304	.60457	9.8306	.90423

#1	2801.6	31413.	2765.8	7.6754	2799.2
#2	2764.9	32266.	2754.9	6.3026	2775.1
#3	2818.9	32360.	2733.2	7.1414	2825.7

Sample Name: K1266-09 Acquired: 1/29/2019 23:33:52 Type: Unk
 Method: P4-ICP2(v2804) 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	-.00039	-.00010	.00848	-.00060	.00216	.00660	.06565
Stddev	.00314	.00144	.00086	.00394	.00071	.01342	.00578
%RSD	803.71	1512.7	10.149	654.99	33.036	203.45	8.8044

#1	-.00109	.00138	.00828	-.00137	.00147	.02117	.07044
#2	-.00312	-.00016	.00773	.00367	.00212	-.00525	.06728
#3	.00304	-.00150	.00942	-.00410	.00289	.00387	.05923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00051	44.018	-.00019	-.00036	.00090	-.00941
Stddev	.00011	.00006	.756	.00020	.00038	.00059	.00256
%RSD	173.09	10.934	1.7170	104.78	105.37	65.862	27.258

#1	-.00005	-.00058	43.264	.00001	-.00065	.00138	-.01005
#2	.00017	-.00047	44.775	-.00019	.00007	.00108	-.01159
#3	.00006	-.00050	44.016	-.00038	-.00049	.00024	-.00658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	107.68	-.00400	.00078	797.04	.00133	.00075
Stddev	.00002	1.44	.00024	.00069	9.21	.00020	.00013
%RSD	.80149	1.3388	6.0520	89.550	1.1555	14.978	16.850

#1	.00246	106.34	-.00427	.00090	792.16	.00147	.00061
#2	.00247	109.20	-.00391	.00140	807.66	.00110	.00086
#3	.00244	107.48	-.00381	.00003	791.30	.00141	.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.903	.00075	.37730	F 81.485	1.3988	-.02691	-.00314
Stddev	.469	.00024	.01051	.849	.0201	.00048	.00188
%RSD	1.4253	31.924	2.7845	1.0420	1.4382	1.8020	59.804

#1	32.483	.00060	.38935	80.858	1.3923	-.02662	-.00162
#2	33.409	.00103	.37250	81.147	1.4213	-.02747	-.00257
#3	32.817	.00063	.37006	82.451	1.3827	-.02664	-.00524

Sample Name: K1266-09 Acquired: 1/29/2019 23:33:52 Type: Unk
Method: P4-ICP2(v2804) 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	.02105	.0212	.63324	11.903	F<.00000
Stddev	.00108	.0012	.01079	.683	.64534
%RSD	5.1545	5.611	1.7039	5.7372	14.729
#1	.02163	.0206	.62352	12.496	-4.4127
#2	.01979	.0226	.64485	11.156	-3.7211
#3	.02171	.0205	.63136	12.055	-5.0106
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.5	31231.	2741.0	7.9488	2733.1
Stddev	8.8	71.	32.5	.7641	2.8
%RSD	.32069	.22731	1.1866	9.6124	.10133
#1	2745.7	31149.	2761.8	8.8308	2735.1
#2	2731.4	31263.	2703.5	7.5259	2729.9
#3	2747.5	31280.	2757.7	7.4897	2734.2

Sample Name: K1266-10 Acquired: 1/29/2019 23:38:26 Type: Unk
Method: P4-ICP2(v2804) 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	-.00029	.00022	.00820	-.00010	.00310	-.00103	.05394
Stddev	.00087	.00178	.00057	.00130	.00178	.02077	.00502
%RSD	302.08	814.68	7.0076	1238.9	57.586	2014.9	9.3053

#1	-.00061	.00215	.00806	.00073	.00109	-.00793	.04903
#2	.00070	-.00136	.00883	-.00160	.00369	.02231	.05373
#3	-.00095	-.00013	.00771	.00055	.00451	-.01747	.05906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00048	47.031	-.00100	-.00045	.00079	-.00939
Stddev	.00007	.00005	.200	.00061	.00030	.00020	.00200
%RSD	50.868	10.221	.42611	61.512	66.813	24.919	21.333

#1	.00021	-.00054	47.062	-.00034	-.00014	.00100	-.01138
#2	.00014	-.00045	46.817	-.00110	-.00075	.00061	-.00738
#3	.00007	-.00046	47.214	-.00155	-.00047	.00077	-.00940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	114.97	-.00329	.00027	839.28	.00109	.00118
Stddev	.00004	.37	.00045	.00054	7.25	.00067	.00011
%RSD	1.5457	.31907	13.655	201.79	.86417	61.734	9.4202

#1	.00274	114.73	-.00289	.00036	840.50	.00032	.00121
#2	.00271	114.78	-.00320	.00076	831.50	.00136	.00106
#3	.00265	115.39	-.00378	-.00031	845.85	.00159	.00127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.150	.00104	.38601	F 86.447	1.4714	-.02911	-.00213
Stddev	.408	.00022	.00428	.896	.0188	.00038	.00476
%RSD	1.1621	21.635	1.1093	1.0368	1.2760	1.3182	224.10

#1	35.285	.00126	.38115	87.335	1.4814	-.02953	-.00485
#2	34.691	.00081	.38924	86.465	1.4497	-.02879	-.00491
#3	35.474	.00104	.38763	85.542	1.4829	-.02900	.00338

Sample Name: K1266-10 Acquired: 1/29/2019 23:38:26 Type: Unk
 Method: P4-ICP2(v2804) 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	.01952	.0224	.67457	11.938	F<.00000
Stddev	.00330	.0019	.00950	.192	.27215
%RSD	16.891	8.285	1.4087	1.6075	5.7190
#1	.01596	.0207	.67688	11.775	-5.0466
#2	.02013	.0221	.66412	12.149	-4.7236
#3	.02246	.0244	.68270	11.888	-4.5057
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.9	31422.	2812.6	7.5425	2745.9
Stddev	27.9	143.	31.9	.7907	21.4
%RSD	1.0132	.45581	1.1324	10.483	.78014
#1	2719.7	31542.	2802.6	6.6378	2722.2
#2	2767.2	31461.	2848.3	8.1013	2751.5
#3	2768.8	31263.	2787.0	7.8884	2764.0

Sample Name: K1266-11 Acquired: 1/29/2019 23:43:01 Type: Unk
Method: P4-ICP2(v2804) 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	.00051	.00120	.00988	.00080	.00126	-.00044	.06414
Stddev	.00182	.00177	.00156	.00211	.00107	.01612	.00855
%RSD	353.25	147.32	15.756	262.60	84.971	3627.4	13.337

#1	.00236	-.00004	.00815	-.00130	.00135	.00497	.06214
#2	.00047	.00322	.01117	.00079	.00228	.01228	.07352
#3	-.00128	.00041	.01031	.00293	.00015	-.01857	.05676

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00049	50.280	-.00010	-.00060	.00053	-.00933
Stddev	.00008	.00012	.040	.00031	.00029	.00018	.00236
%RSD	116.41	23.792	.08039	314.23	48.962	34.263	25.334

#1	.00011	-.00038	50.234	.00026	-.00074	.00074	-.01079
#2	-.00002	-.00048	50.296	-.00026	-.00026	.00040	-.00660
#3	.00011	-.00062	50.311	-.00030	-.00080	.00045	-.01060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	118.35	-.00355	.00003	858.28	.00128	.00094
Stddev	.00002	.47	.00003	.00097	4.03	.00043	.00014
%RSD	.40750	.39865	.83599	3252.2	.47011	33.812	14.778

#1	.00426	118.15	-.00352	-.00074	862.62	.00113	.00082
#2	.00423	118.89	-.00358	.00111	854.64	.00176	.00091
#3	.00423	118.01	-.00355	-.00028	857.58	.00093	.00110

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.271	.00115	.40801	F 88.897	1.7480	-.03068	-.00116
Stddev	.273	.00034	.00853	.217	.0208	.00080	.00264
%RSD	.75382	29.437	2.0913	.24398	1.1878	2.6081	227.36

#1	36.490	.00080	.39824	89.144	1.7720	-.03156	-.00175
#2	35.965	.00148	.41401	88.812	1.7357	-.02999	-.00345
#3	36.358	.00118	.41178	88.736	1.7363	-.03050	.00172

Sample Name: K1266-11 Acquired: 1/29/2019 23:43:01 Type: Unk
Method: P4-ICP2(v2804) 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	.01743	.0254	.69937	11.522	F<.00000
Stddev	.00452	.0020	.00504	.198	.57349
%RSD	25.932	7.892	.72078	1.7168	12.758

#1	.02031	.0268	.70284	11.728	-3.8818
#2	.01222	.0263	.69359	11.506	-5.0181
#3	.01976	.0231	.70169	11.333	-4.5854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.4	31573.	2823.2	7.3345	2769.1
Stddev	12.6	135.	33.6	1.2805	14.5
%RSD	.45184	.42845	1.1914	17.458	.52461

#1	2766.0	31623.	2786.1	7.3531	2752.5
#2	2789.0	31420.	2851.6	8.6056	2779.5
#3	2786.3	31677.	2832.0	6.0449	2775.3

Sample Name: K1266-12 Acquired: 1/29/2019 23:47:36 Type: Unk
Method: P4-ICP2(v2804) 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	-.00049	-.00139	.00901	.00316	.00427	.00861	.06568
Stddev	.00201	.00193	.00074	.00307	.00264	.01274	.00178
%RSD	408.58	138.38	8.2203	97.316	61.743	148.00	2.7072

#1	.00160	-.00111	.00818	.00195	.00204	.02005	.06726
#2	-.00066	-.00345	.00959	.00665	.00360	-.00512	.06603
#3	-.00242	.00037	.00927	.00087	.00718	.01089	.06376

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00048	45.674	-.00026	-.00053	.00123	-.00670
Stddev	.00006	.00013	.294	.00013	.00020	.00026	.00163
%RSD	42.666	26.149	.64298	49.925	37.567	21.446	24.278

#1	.00019	-.00041	46.011	-.00040	-.00069	.00148	-.00496
#2	.00008	-.00040	45.539	-.00021	-.00060	.00126	-.00698
#3	.00016	-.00062	45.472	-.00016	-.00031	.00096	-.00817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00371	107.10	-.00349	-.00012	793.48	.00106	.00100
Stddev	.00009	.17	.00036	.00047	13.28	.00052	.00011
%RSD	2.2989	.16321	10.203	386.37	1.6740	49.042	10.632

#1	.00368	107.30	-.00361	-.00012	808.50	.00162	.00111
#2	.00381	107.06	-.00378	.00035	788.67	.00094	.00100
#3	.00365	106.96	-.00309	-.00060	783.27	.00060	.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.928	.00106	.37114	F 81.303	1.6042	-.02754	-.00429
Stddev	.133	.00023	.00146	.977	.0276	.00072	.00041
%RSD	.40515	21.666	.39399	1.2012	1.7196	2.6191	9.5147

#1	33.079	.00095	.36973	80.220	1.6146	-.02671	-.00476
#2	32.878	.00133	.37104	81.573	1.6251	-.02803	-.00403
#3	32.827	.00091	.37265	82.116	1.5729	-.02789	-.00409

Sample Name: K1266-12 Acquired: 1/29/2019 23:47:36 Type: Unk
Method: P4-ICP2(v2804) 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	.01916	.0239	.63972	11.068	F<.00000
Stddev	.00027	.0007	.00501	.461	1.1092
%RSD	1.4306	2.979	.78344	4.1689	25.369

#1	.01900	.0242	.64549	11.283	-4.6321
#2	.01901	.0231	.63642	10.538	-3.1562
#3	.01948	.0244	.63725	11.382	-5.3284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.6	31770.	2782.6	8.0602	2786.0
Stddev	16.0	55.	29.6	.6040	21.2
%RSD	.57194	.17451	1.0624	7.4940	.76204

#1	2810.7	31708.	2751.7	8.1625	2810.4
#2	2780.4	31814.	2785.4	7.4116	2771.9
#3	2786.6	31790.	2810.6	8.6065	2775.6

Sample Name: CCV12 Acquired: 1/29/2019 23:52:10 Type: Unk
Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0417	5.1344	4.9903	5.0840	5.0313	9.7688	9.9886	.25653
Stddev	.0214	.0186	.0090	.0208	.0111	.0288	.0204	.00031
%RSD	.42470	.36142	.17976	.40826	.22079	.29479	.20456	.11939
#1	5.0514	5.1558	4.9936	5.1031	5.0408	9.7689	10.012	.25624
#2	5.0171	5.1236	4.9972	5.0619	5.0191	9.7976	9.9755	.25685
#3	5.0565	5.1237	4.9802	5.0869	5.0341	9.7400	9.9782	.25652
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5303	26.398	1.0549	2.5145	1.3050	F 5.7550	2.5864	27.277
Stddev	.0034	.127	.0017	.0046	.0018	.0042	.0012	.173
%RSD	.13582	.48171	.16362	.18284	.13741	.07367	.04774	.63586
#1	2.5335	26.395	1.0534	2.5157	1.3044	5.7509	2.5870	27.119
#2	2.5306	26.527	1.0544	2.5183	1.3036	5.7594	2.5872	27.463
#3	2.5267	26.273	1.0568	2.5093	1.3071	5.7547	2.5850	27.249
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5768	1.2839	25.669	2.6530	2.4667	26.570	5.3128	5.4495
Stddev	.0060	.0023	.046	.0023	.0069	.055	.0104	.0386
%RSD	.23225	.18080	.17813	.08740	.28172	.20863	.19592	.70926
#1	2.5819	1.2863	25.693	2.6554	2.4735	26.594	5.3150	5.4429
#2	2.5783	1.2816	25.698	2.6508	2.4670	26.609	5.3014	5.4910
#3	2.5702	1.2838	25.616	2.6527	2.4596	26.506	5.3219	5.4145
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1270	F 5.5636	5.2567	5.2830	5.1382	5.060	5.2346	F 8.4081
Stddev	.0184	.0122	.0097	.0086	.0043	.014	.0049	.4455
%RSD	.35795	.21889	.18430	.16362	.08295	.2836	.09367	5.2984
#1	5.1261	5.5612	5.2619	5.2826	5.1334	5.075	5.2371	8.7839
#2	5.1458	5.5529	5.2626	5.2745	5.1414	5.058	5.2378	8.5243
#3	5.1092	5.5769	5.2455	5.2918	5.1399	5.047	5.2290	7.9160

Sample Name: CCV12 Acquired: 1/29/2019 23:52:10 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9256
Stddev	.2511
%RSD	13.039

#1	2.2101
#2	1.8317
#3	1.7350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3016.2	34730.	2849.8	7.8202	3111.5
Stddev	7.6	226.	11.8	.9917	10.5
%RSD	.25345	.65072	.41381	12.682	.33906

#1	3008.0	34499.	2839.7	6.7170	3100.6
#2	3023.1	34741.	2846.9	8.6378	3112.0
#3	3017.7	34950.	2862.8	8.1058	3121.7

Sample Name: CCB12 Acquired: 1/29/2019 23:56:12 Type: Unk
Method: P4-ICP2(v2804) 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	.00019	.00174	-.00017	.00127	.00296	-.00294	F .04053
Stddev	.00356	.00134	.00060	.00145	.00050	.01456	.00918
%RSD	1909.5	76.933	346.94	114.19	16.984	495.20	22.648

#1	.00304	.00119	.00010	-.00039	.00318	.01272	.03339
#2	.00132	.00326	-.00087	.00189	.00238	-.00548	.05088
#3	-.00380	.00077	.00024	.00230	.00331	-.01607	.03732

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00017	.00599	.00028	-.00024	.00009	.00169
Stddev	.00010	.00005	.00695	.00048	.00017	.00067	.00260
%RSD	100.09	29.588	115.97	173.60	69.479	761.60	153.81

#1	-.00004	-.00013	.01218	-.00019	-.00005	-.00062	-.00112
#2	-.00022	-.00016	.00730	.00026	-.00036	.00071	.00401
#3	-.00004	-.00023	-.00152	.00077	-.00030	.00017	.00219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.03708	-.00095	-.00014	.31916	.00069	.00002
Stddev	.00005	.07009	.00016	.00084	.01962	.00011	.00010
%RSD	145.97	189.05	16.634	611.27	6.1476	15.275	660.44

#1	-.00001	.00421	-.00101	-.00024	.30208	.00066	.00009
#2	.00008	.00257	-.00077	-.00093	.31480	.00060	.00005
#3	.00002	-.11801	-.00107	.00075	.34059	.00080	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06568	.00053	.00171	-.00788	.00226	-.00026	-.00202
Stddev	.02735	.00034	.01042	.04466	.00115	.00010	.00289
%RSD	41.642	64.336	608.91	566.81	50.865	39.850	142.89

#1	-.03808	.00061	-.00013	-.05341	.00141	-.00027	-.00353
#2	-.09277	.00082	-.00767	-.00609	.00357	-.00035	-.00384
#3	-.06618	.00016	.01293	.03586	.00180	-.00015	.00131

Sample Name: CCB12 Acquired: 1/29/2019 23:56:12 Type: Unk
 Method: P4-ICP2(v2804) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00618	.0012	.00004	F 4.0768	F<.00000
Stddev	.00270	.0017	.00007	.5704	.48456
%RSD	43.699	146.7	167.34	13.991	85.523

#1	.00381	.0021	-.00002	3.7020	-.93267
#2	.00913	.0022	.00003	4.7332	-.74998
#3	.00561	-.0008	.00012	3.7952	-.01709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.6	36819.	2924.2	8.4970	3579.8
Stddev	17.1	49.	19.0	.8640	19.6
%RSD	.53835	.13282	.65131	10.168	.54656

#1	3162.9	36807.	2906.2	8.3909	3557.3
#2	3193.7	36777.	2922.4	7.6909	3589.7
#3	3191.3	36872.	2944.1	9.4091	3592.5