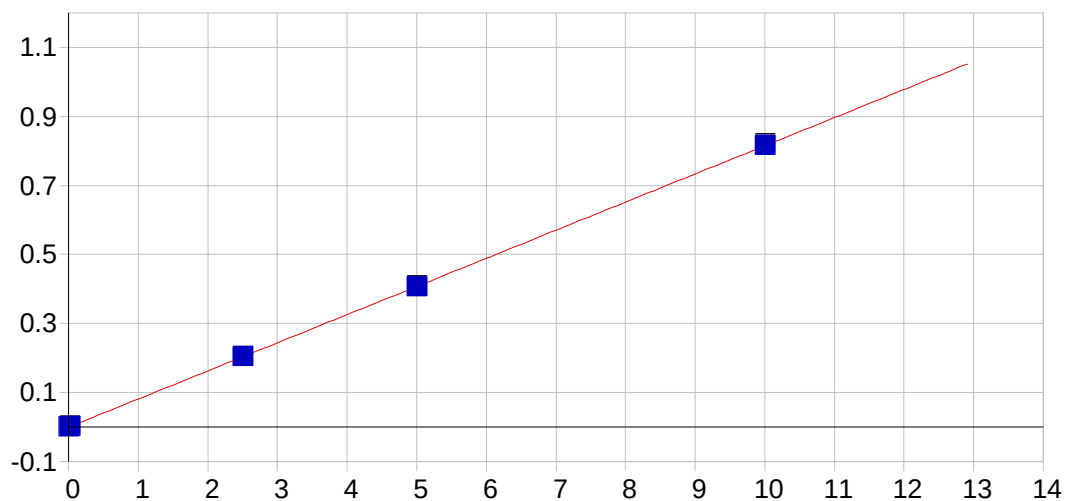




As 189.042 {478}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000501

Re-Slope: 1.000000

A1 (Gain): 0.081546

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

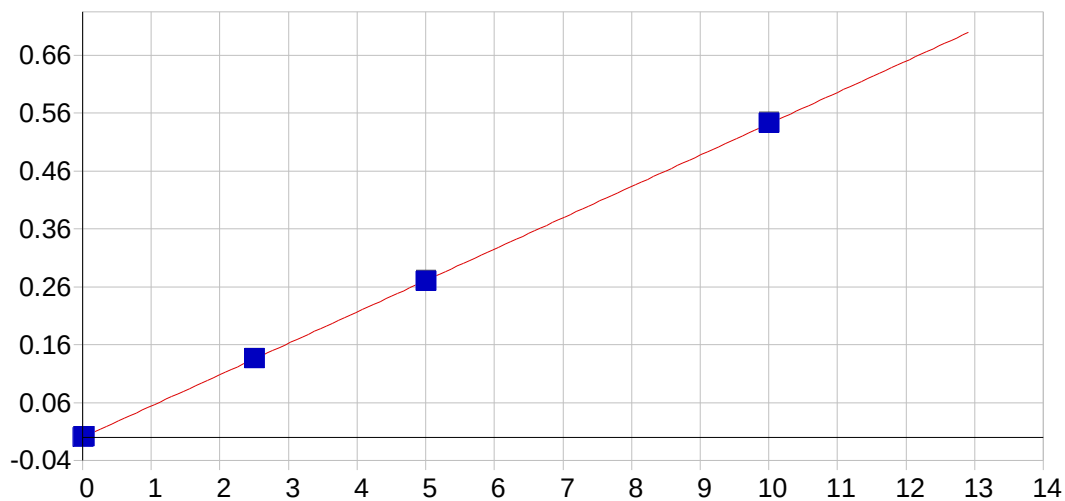
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.002479

Predicted MQL: 0.008263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00050	.000	1
S1	.02000	.02296	.003	14.8	.00137	.000	1
S3	2.5000	2.5022	.002	.090	.20353	.001	1
S4	5.0000	4.9835	-.017	-.331	.40585	.002	1
S5	10.000	10.011	.011	.113	.81583	.004	1



As 189.042 {479}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

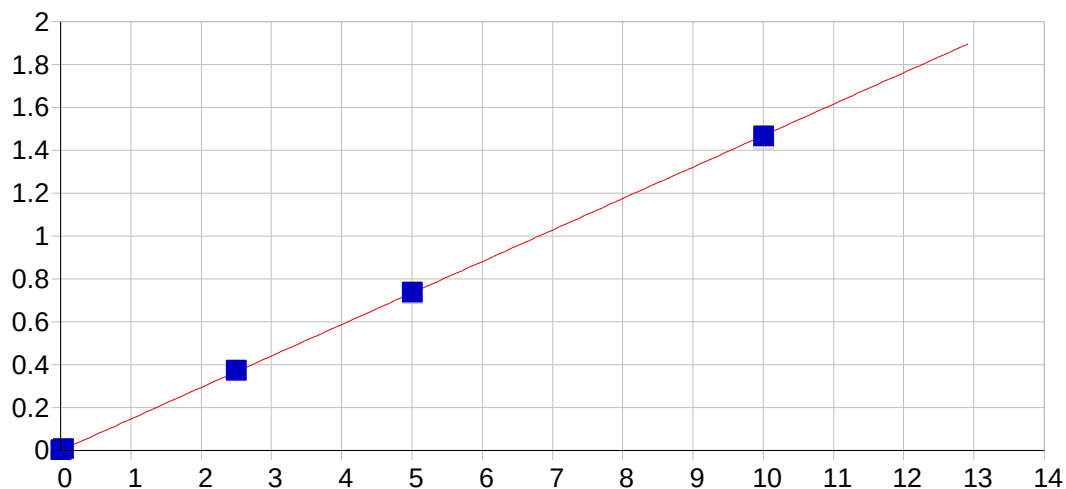
Weighting: 1/Conc

A0 (Offset): -0.000146

Re-Slope: 1.000000

A1 (Gain): 0.054175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002359
 Predicted MQL: 0.007865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.02000	.02231	.002	11.5	.00106	.000	1
S3	2.5000	2.5074	.007	.296	.13569	.000	1
S4	5.0000	4.9806	-.019	-.388	.26968	.001	1
S5	10.000	10.010	.010	.097	.54213	.002	1

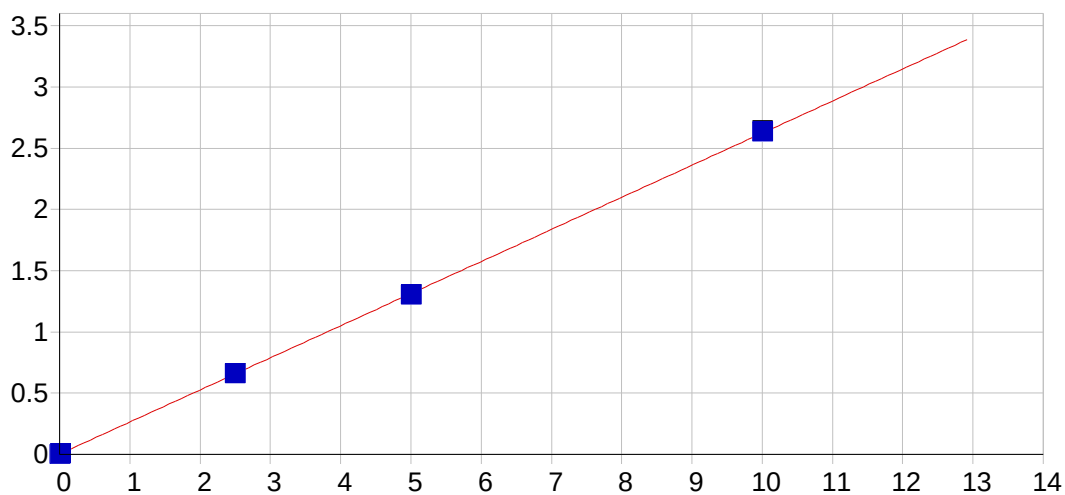


TI 190.856 {477}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.146831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.001101
 Predicted MQL: 0.003671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.04000	.04297	.003	7.43	.00632	.000	1
S3	2.5000	2.5283	.028	1.13	.36763	.001	1
S4	5.0000	5.0037	.004	.074	.72733	.002	1
S5	10.000	9.9651	-.035	-.349	1.4483	.003	1

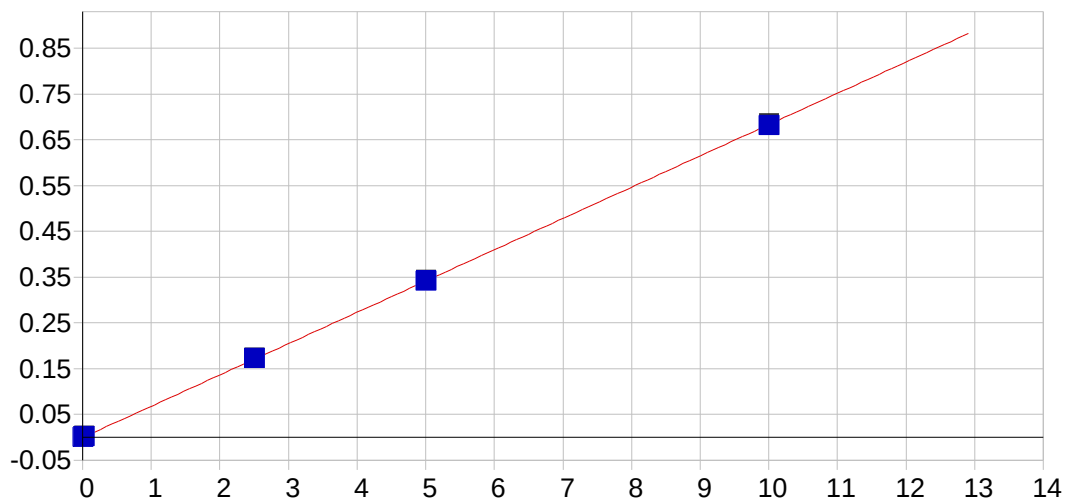


Pb 220.353 {453}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002446 Re-Slope: 1.000000
 A1 (Gain): 0.262040 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000919
 Predicted MQL: 0.003064

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00245	.000	1
S1	.01200	.01179	-.000	-1.77	.00548	.000	1
S3	2.5000	2.5024	.002	.096	.65728	.001	1
S4	5.0000	4.9571	-.043	-.857	1.2996	.002	1
S5	10.000	10.041	.041	.407	2.6299	.007	1



Se 196.090 {472}

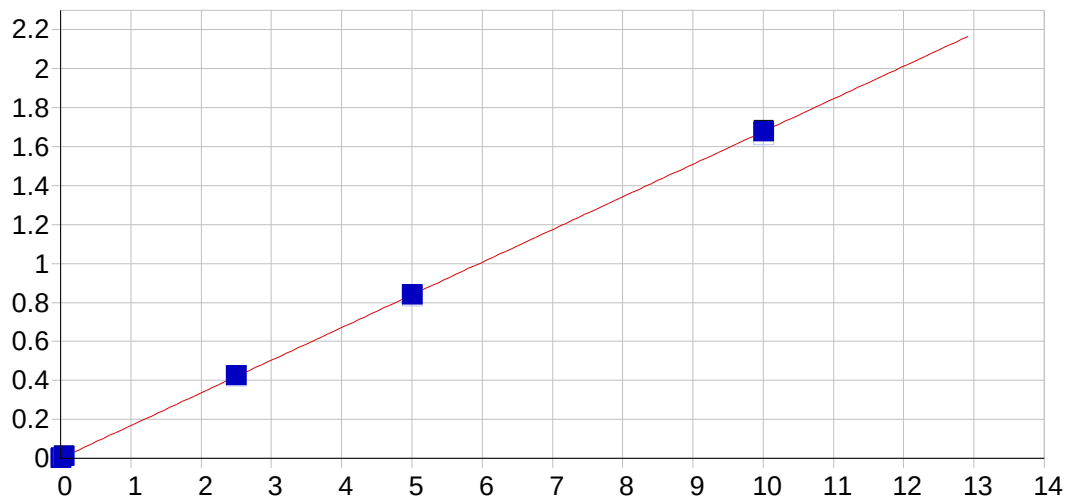
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.068358 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000010
 Predicted MDL: 0.002617
 Predicted MQL: 0.008723

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02000	.02281	.003	14.1	.00132	.000	1
S3	2.5000	2.5206	.021	.822	.17202	.000	1
S4	5.0000	4.9992	-.001	-.015	.34142	.001	1
S5	10.000	9.9774	-.023	-.226	.68164	.002	1



Sb 206.833 {463}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

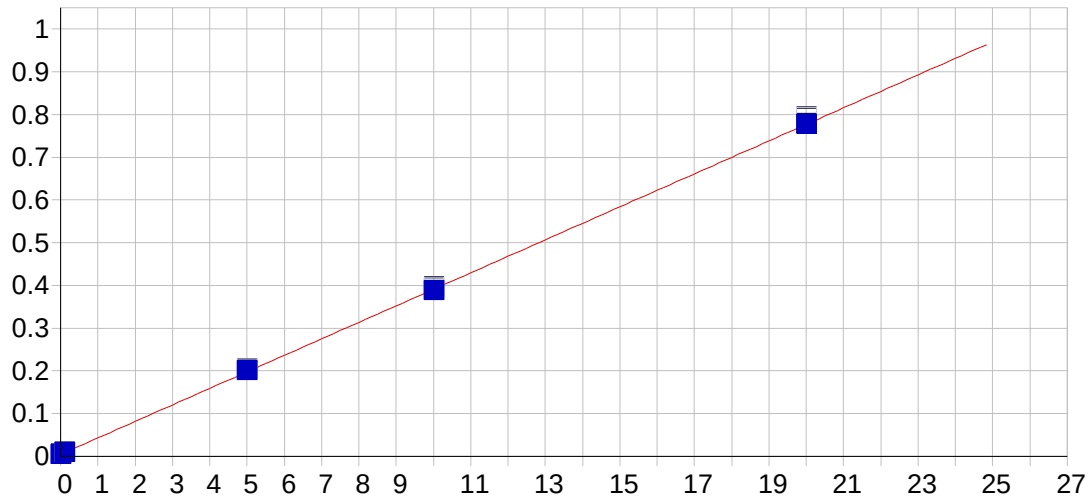
Weighting: 1/Conc

A0 (Offset): 0.000372
 A1 (Gain): 0.167720
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000034
 Predicted MDL: 0.001388
 Predicted MQL: 0.004626

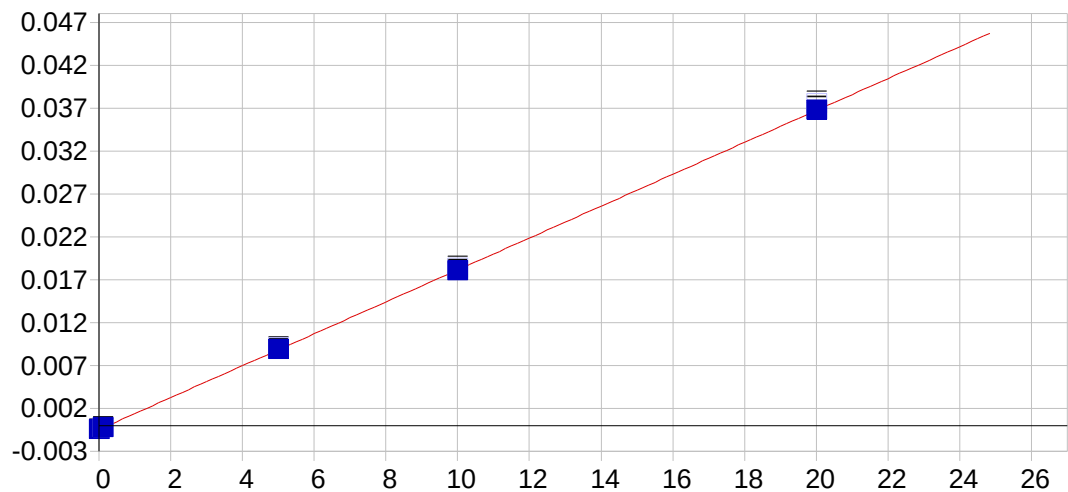
Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.05000	.05405	.004	8.10	.00923	.000	1
S3	2.5000	2.5182	.018	.726	.41800	.000	1
S4	5.0000	4.9882	-.012	-.237	.82756	.002	1
S5	10.000	9.9897	-.010	-.103	1.6570	.005	1



AI 308.215 {109}							
Date of Fit:		5/24/2019 16:45:57		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.004643		Re-Slope:		1.000000	
A1 (Gain):		0.038626		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999964		Status:	OK.		
Std Error of Est:		0.000026					
Predicted MDL:		0.002575					
Predicted MQL:		0.008585					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00464	.000	1
S1	.10000	.11068	.011	10.7	.00919	.000	1
S3	5.0000	5.0619	.062	1.24	.20401	.000	1
S4	10.000	9.9154	-.085	-.846	.39533	.001	1
S5	20.000	20.011	.011	.057	.79299	.001	1

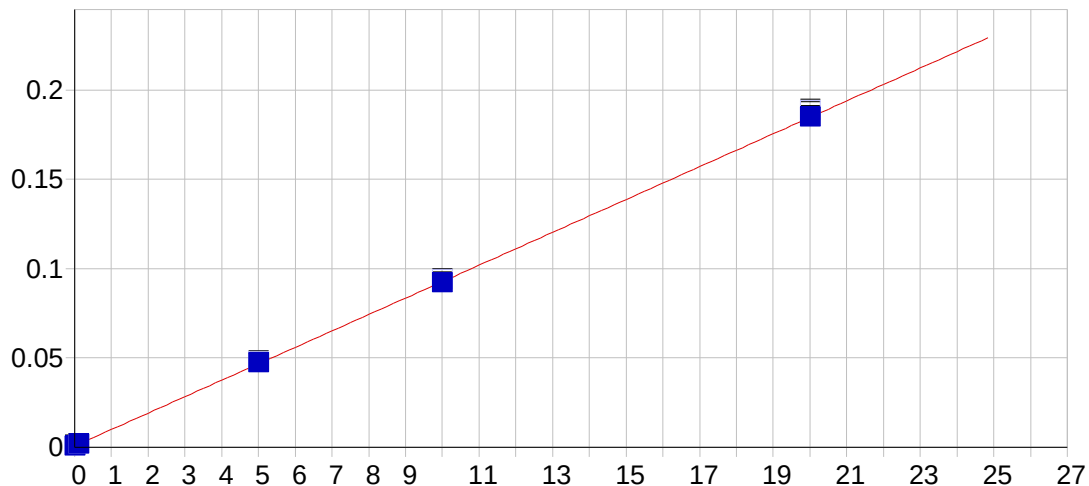


AI 309.271 {109}					
Date of Fit:	5/24/2019 16:45:57	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000462	Re-Slope:	1.000000		
A1 (Gain):	0.001859	Y-int:	0.000000		

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000001
 Predicted MDL: 0.032150
 Predicted MQL: 0.107165

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00046	.000	1
S1	.10000	.11012	.010	10.1	-.00024	.000	1
S3	5.0000	5.0300	.030	.599	.00908	.000	1
S4	10.000	9.9293	-.071	-.707	.01837	.000	1
S5	20.000	20.030	.030	.150	.03752	.000	1



AI 396.152 { 85}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

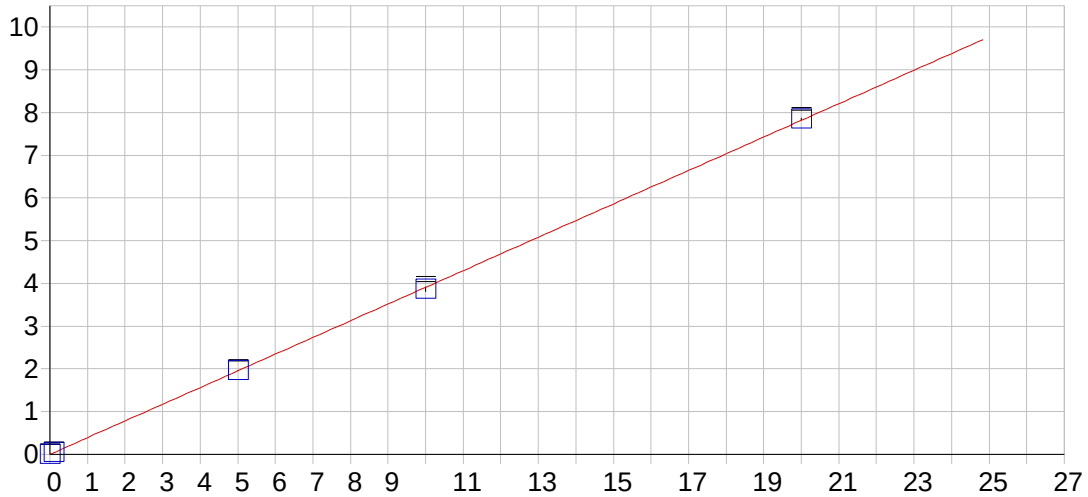
Weighting: 1/Conc

A0 (Offset): 0.000769
 A1 (Gain): 0.009195
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000004
 Predicted MDL: 0.011139
 Predicted MQL: 0.037130

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	.00077	.000	1
S1	.10000	.10773	.008	7.73	.00182	.000	1
S3	5.0000	5.0410	.041	.819	.04804	.000	1
S4	10.000	9.9404	-.060	-.596	.09400	.000	1
S5	20.000	20.011	.011	.053	.18842	.001	1

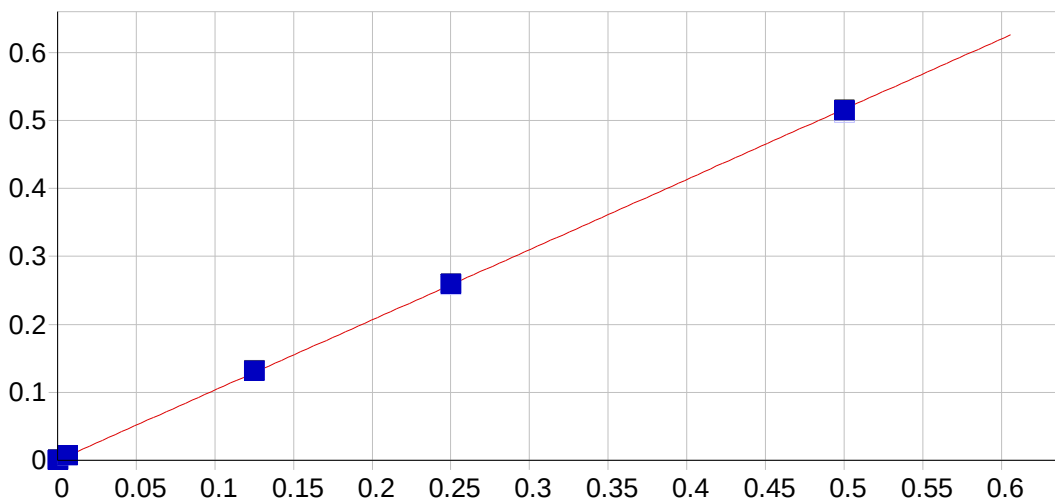


Ba 493.409 { 68}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001177 Re-Slope: 1.000000
 A1 (Gain): 0.390844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.000511
 Predicted MQL: 0.001704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00117	.000	1
S1	.10000	.10775	.008	7.75	.04329	.000	1
S3	5.0000	5.0167	.017	.334	1.9619	.012	1
S5	20.000	20.089	.089	.447	7.8530	.033	1
S4	10.000	9.8861	-.114	-1.14	3.8651	.067	1



Be 234.861 {144}

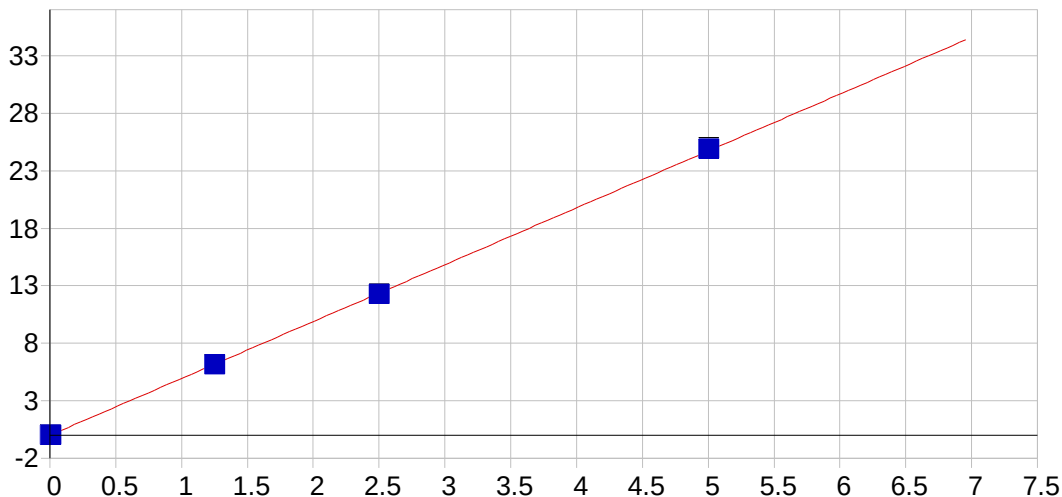
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000099 Re-Slope: 1.000000
 A1 (Gain): 1.032709 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000032
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.00600	.00656	.001	9.25	.00680	.000	1
S3	.12500	.12696	.002	1.57	.13040	.000	1
S4	.25000	.25023	.000	.091	.25689	.001	1
S5	.50000	.49726	-.003	-.548	.51038	.001	1



Cd 226.502 {449}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

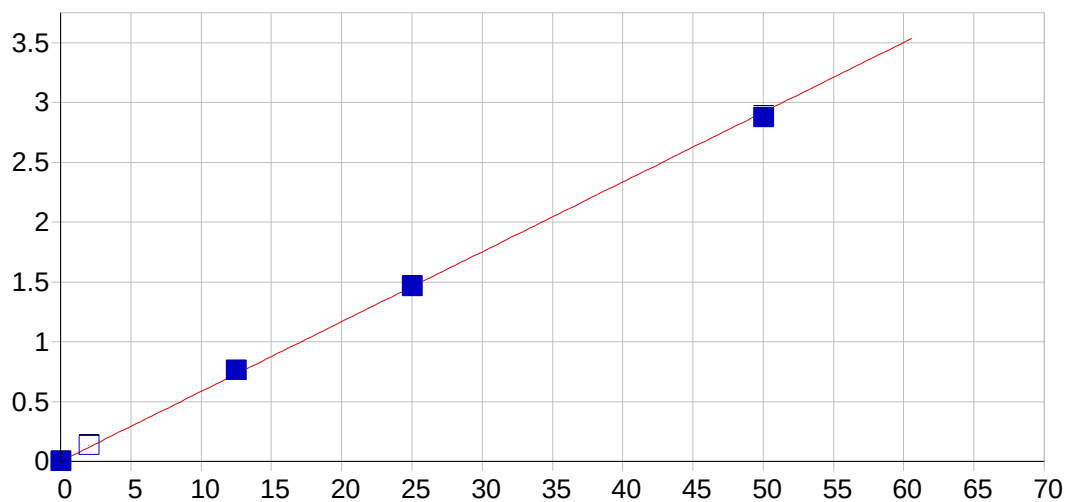
Weighting: 1/Conc

A0 (Offset): -0.000458
 A1 (Gain): 4.943405
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000384
 Predicted MDL: 0.000062
 Predicted MQL: 0.000208

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	-.00046	.000	1
S1	.00600	.00610	.000	1.60	.02973	.000	1
S3	1.2500	1.2381	-.012	-.952	6.1214	.005	1
S4	2.5000	2.4760	-.024	-.961	12.242	.012	1
S5	5.0000	5.0358	.036	.717	24.899	.063	1

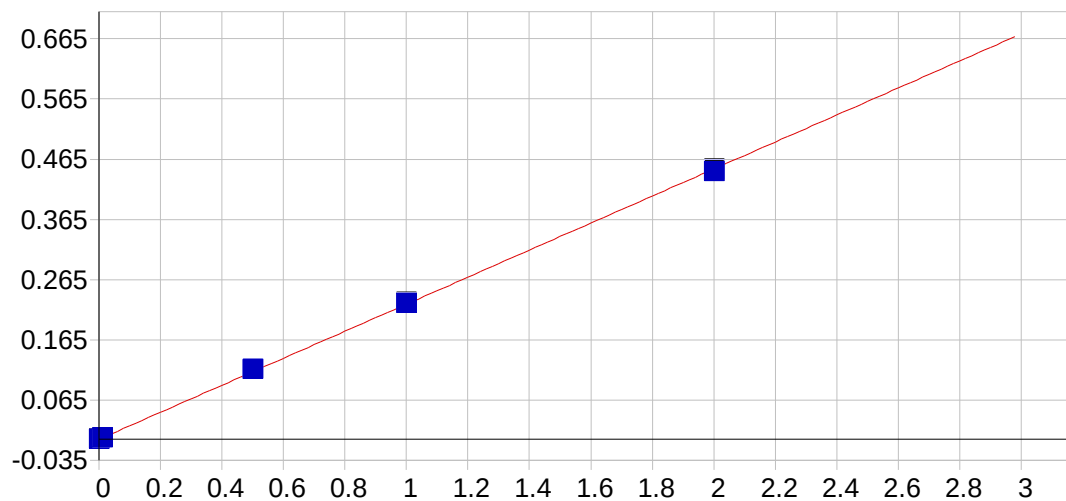


Ca 373.690 { 90}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000802 Re-Slope: 1.000000
 A1 (Gain): 0.058354 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999596 Status: OK.
 Std Error of Est: 0.000906
 Predicted MDL: 0.014065
 Predicted MQL: 0.046882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2960	.296	14.8	.13478	.002	1
S0	.00000	-.00034	-.000	.000	.00078	.000	1
S3	12.500	12.968	.468	3.74	.75792	.003	1
S4	25.000	24.978	-.022	-.090	1.4591	.006	1
S5	50.000	49.259	-.741	-1.48	2.8768	.011	1



Cr 267.716 {126}

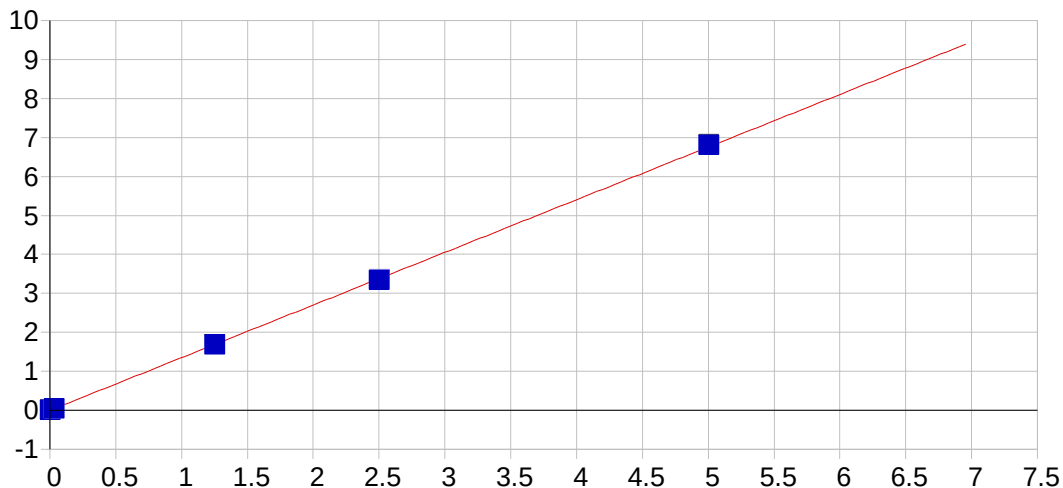
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.224425 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000026
 Predicted MDL: 0.000400
 Predicted MQL: 0.001332

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.01000	.01040	.000	3.96	.00216	.000	1
S3	.50000	.51696	.017	3.39	.11671	.000	1
S4	1.0000	1.0030	.003	.302	.22668	.001	1
S5	2.0000	1.9796	-.020	-1.02	.44762	.001	1



Co 228.616 {447}

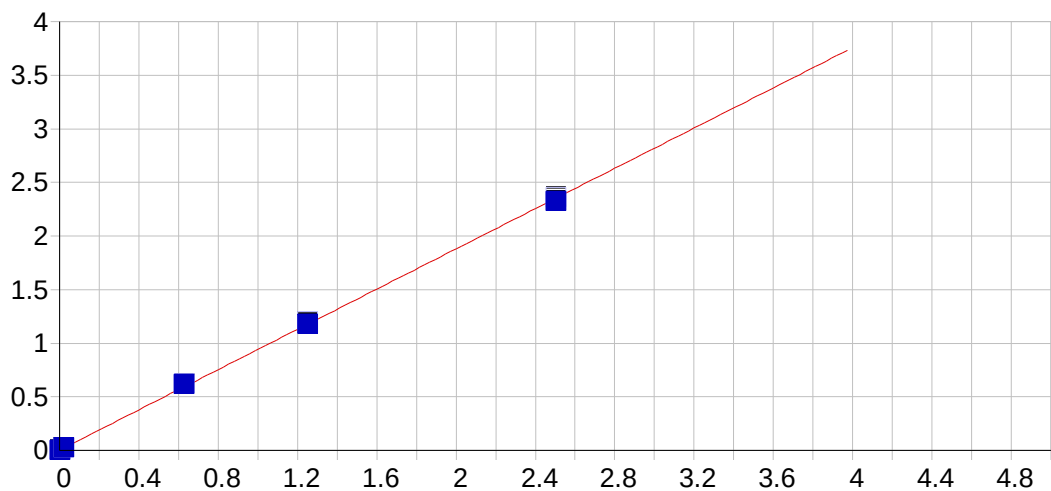
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000521
 A1 (Gain): 1.350772
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000225
 Predicted MDL: 0.000194
 Predicted MQL: 0.000646

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	-.00052	.000	1
S1	.03000	.02985	-.000	-.486	.03953	.000	1
S3	1.2500	1.2425	-.008	-.604	1.6791	.002	1
S4	2.5000	2.4737	-.026	-1.05	3.3436	.004	1
S5	5.0000	5.0340	.034	.679	6.8045	.016	1

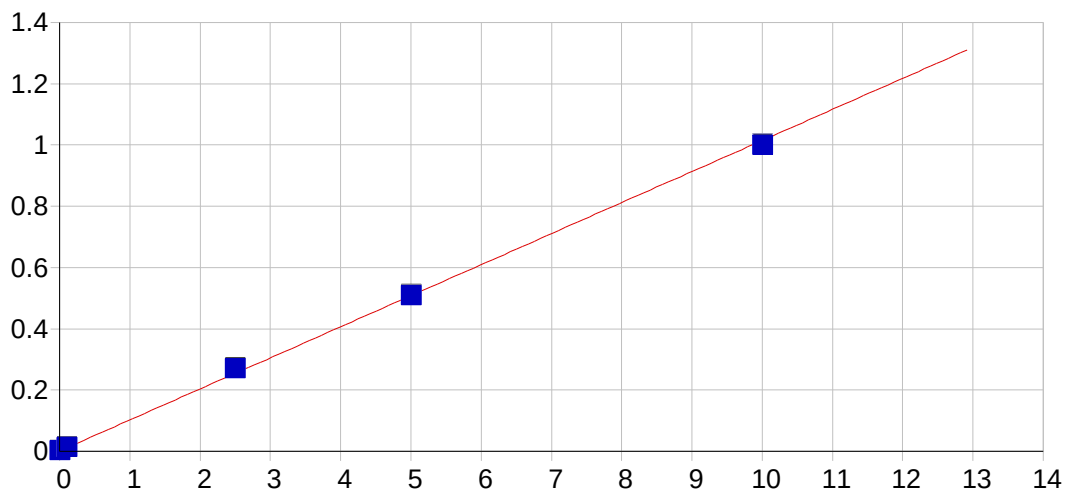


Cu 224.700 {450}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002798 Re-Slope: 1.000000
 A1 (Gain): 0.938575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000234
 Predicted MDL: 0.000349
 Predicted MQL: 0.001164

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00279	.000	1
S1	.02000	.02275	.003	13.7	.02444	.000	1
S3	.62500	.65106	.026	4.17	.62335	.000	1
S4	1.2500	1.2526	.003	.210	1.1974	.001	1
S5	2.5000	2.4686	-.031	-1.26	2.3577	.006	1



Fe 240.488 {140}

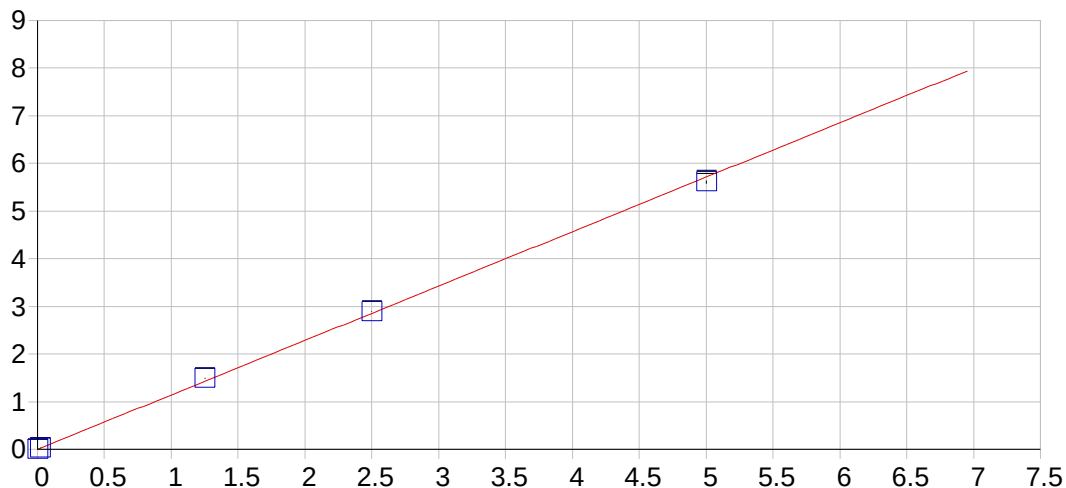
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001052 Re-Slope: 1.000000
 A1 (Gain): 0.101379 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660
 Std Error of Est: 0.000144
 Predicted MDL: 0.000664
 Predicted MQL: 0.002213

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00105	.000	1
S1	.10000	.10974	.010	9.74	.01223	.000	1
S3	2.5000	2.6463	.146	5.85	.27028	.001	1
S4	5.0000	5.0034	.003	.068	.51018	.002	1
S5	10.000	9.8406	-.159	-1.59	1.0025	.001	1



Mn 257.610 {131}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

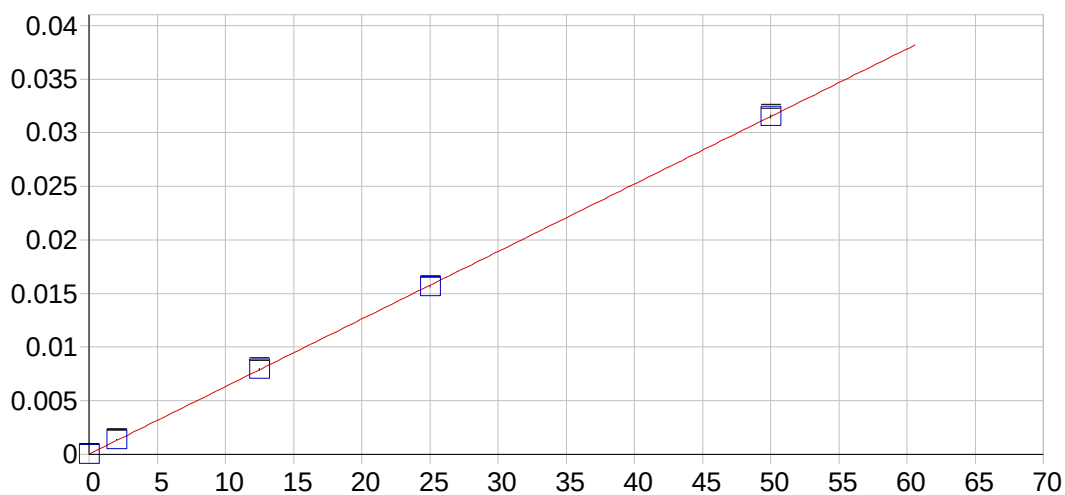
Weighting: 1/Conc

A0 (Offset): 0.000245
 A1 (Gain): 1.142316
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744
 Std Error of Est: 0.000442
 Predicted MDL: 0.000066
 Predicted MQL: 0.000220

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.02000	.02306	.003	15.3	.02658	.000	1
S3	1.2500	1.3010	.051	4.08	1.4864	.001	1
S4	2.5000	2.5329	.033	1.31	2.8936	.007	1
S5	5.0000	4.9131	-.087	-1.74	5.6126	.032	1

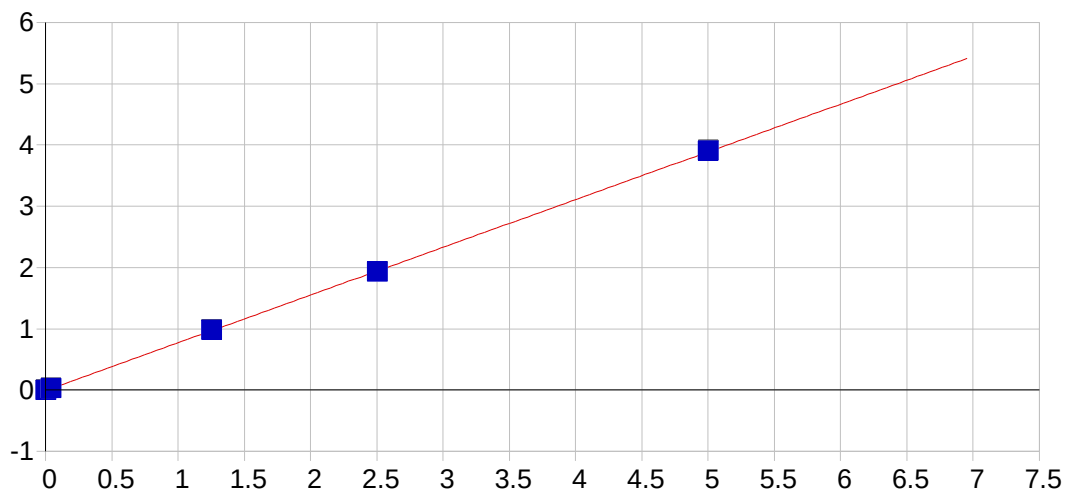


Mg 279.079 {121}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.000630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.047972
 Predicted MQL: 0.159908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1574	.157	7.87	.00138	.000	1
S0	.00000	-.00015	-.000	.000	.00002	.000	1
S3	12.500	12.566	.066	.530	.00793	.000	1
S4	25.000	24.766	-.234	-.935	.01562	.000	1
S5	50.000	50.010	.010	.020	.03151	.000	1



Ni 231.604 {445}

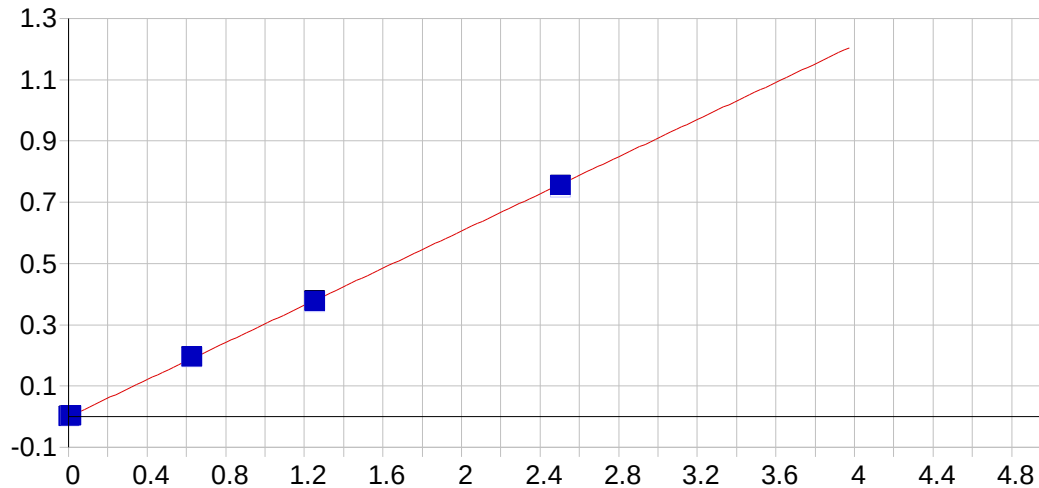
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007324 Re-Slope: 1.000000
 A1 (Gain): 0.779122 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000118
 Predicted MDL: 0.000356
 Predicted MQL: 0.001185

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00732	.000	1
S1	.04000	.04107	.001	2.67	.02469	.000	1
S3	1.2500	1.2573	.007	.581	.97330	.001	1
S4	2.5000	2.4762	-.024	-.951	1.9241	.002	1
S5	5.0000	5.0154	.015	.309	3.9046	.008	1

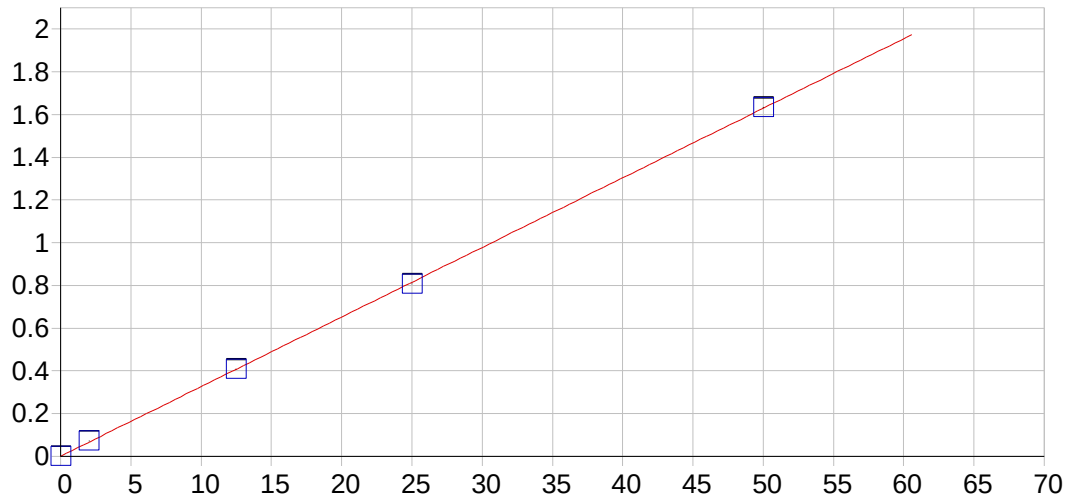


Ag 328.068 {103}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000517 Re-Slope: 1.000000
 A1 (Gain): 0.303339 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000501
 Predicted MQL: 0.001670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.01000	.01107	.001	10.7	.00278	.000	1
S3	.62500	.64208	.017	2.73	.19209	.000	1
S4	1.2500	1.2447	-.005	-.427	.37272	.001	1
S5	2.5000	2.4872	-.013	-.512	.74531	.001	1

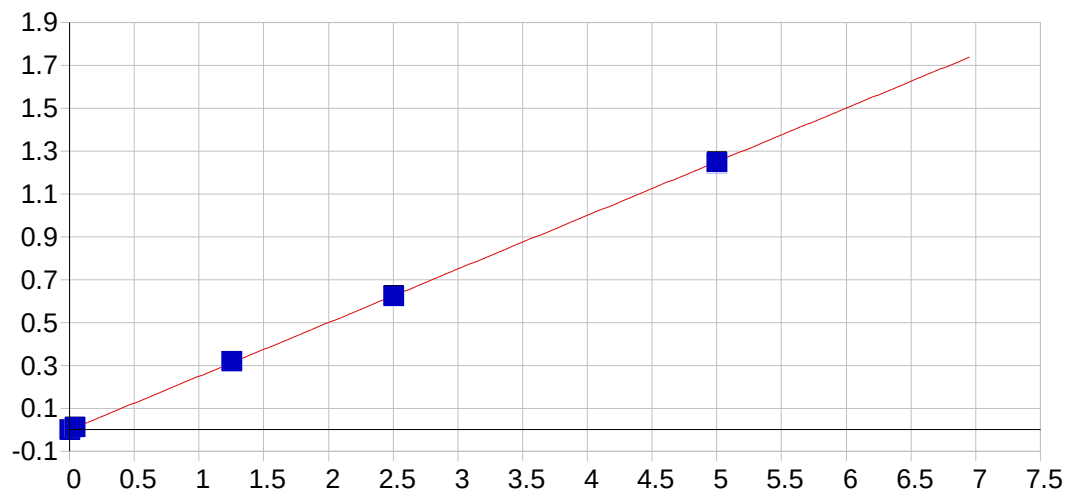


Na 589.592 { 57}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000901 Re-Slope: 1.000000
 A1 (Gain): 0.032572 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000234
 Predicted MDL: 0.008026
 Predicted MQL: 0.026752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1598	.160	7.99	.07125	.000	1
S0	.00000	-.00014	-.000	.000	.00090	.000	1
S3	12.500	12.486	-.014	-.109	.40761	.002	1
S4	25.000	24.748	-.252	-1.01	.80699	.002	1
S5	50.000	50.106	.106	.212	1.6329	.002	1



V 292.402 {115}

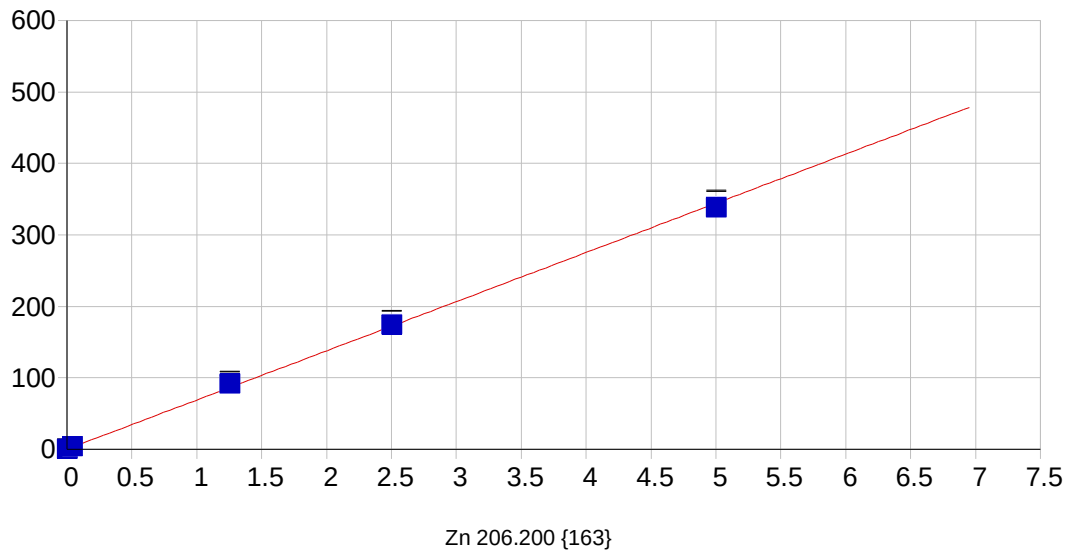
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.250146 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000056
 Predicted MDL: 0.000410
 Predicted MQL: 0.001368

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.04000	.04321	.003	8.03	.01044	.000	1
S3	1.2500	1.2726	.023	1.81	.31607	.001	1
S4	2.5000	2.4931	-.007	-.275	.61934	.001	1
S5	5.0000	4.9811	-.019	-.377	1.2376	.003	1



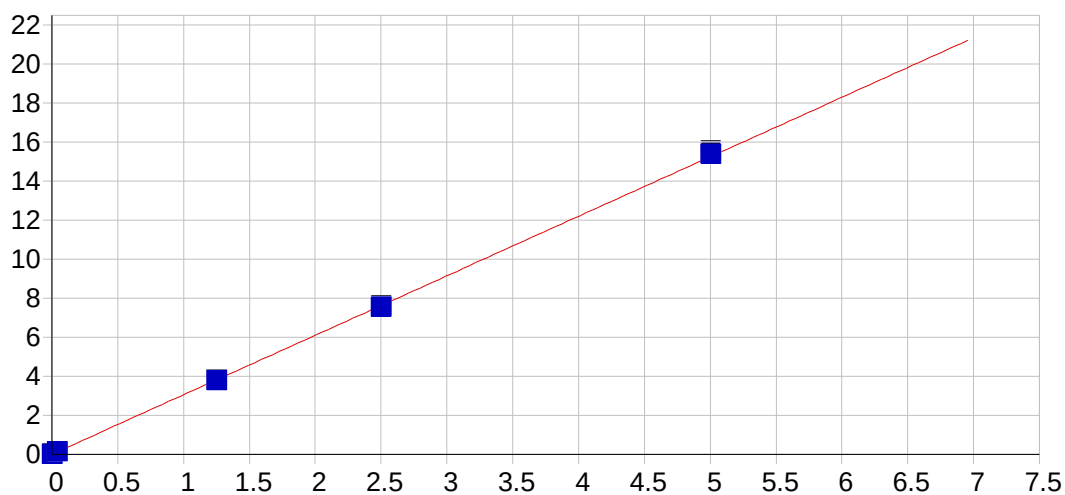
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.161486
 A1 (Gain): 68.811032
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607
 Std Error of Est: 0.046973
 Predicted MDL: 0.000411
 Predicted MQL: 0.001370

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	.16105	.035	1
S1	.04000	.04446	.004	11.2	3.2390	.044	1
S3	1.2500	1.3233	.073	5.86	91.739	2.86	1
S4	2.5000	2.5223	.022	.891	174.76	5.04	1
S5	5.0000	4.9000	-.100	-2.00	339.41	9.15	1

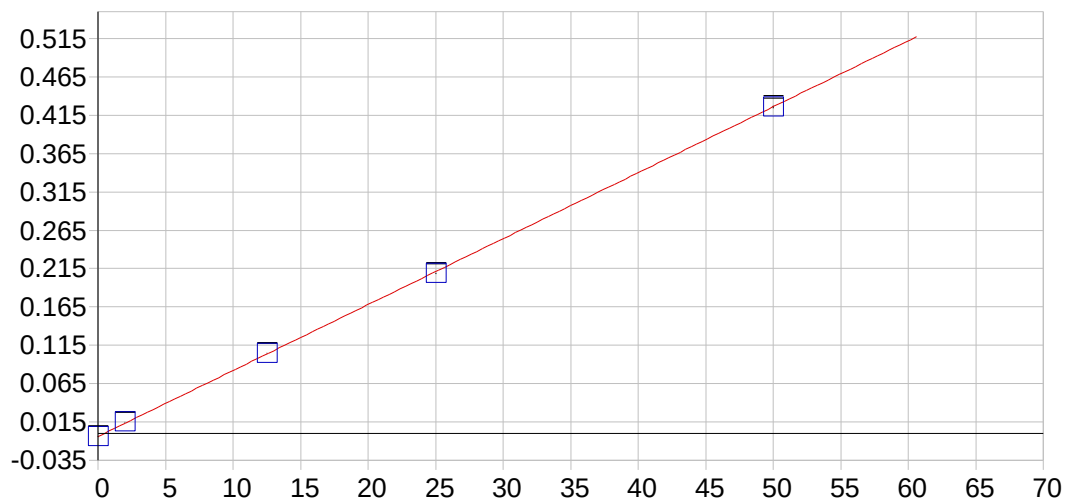


Zn 213.856 {458}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004154 Re-Slope: 1.000000
 A1 (Gain): 3.049567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000715
 Predicted MDL: 0.000074
 Predicted MQL: 0.000247

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00416	.000	1
S1	.04000	.03930	-.001	-1.74	.12486	.000	1
S3	1.2500	1.2361	-.014	-1.11	3.7982	.002	1
S4	2.5000	2.4724	-.028	-1.10	7.5926	.011	1
S5	5.0000	5.0422	.042	.843	15.478	.059	1



K 766.490 {44}

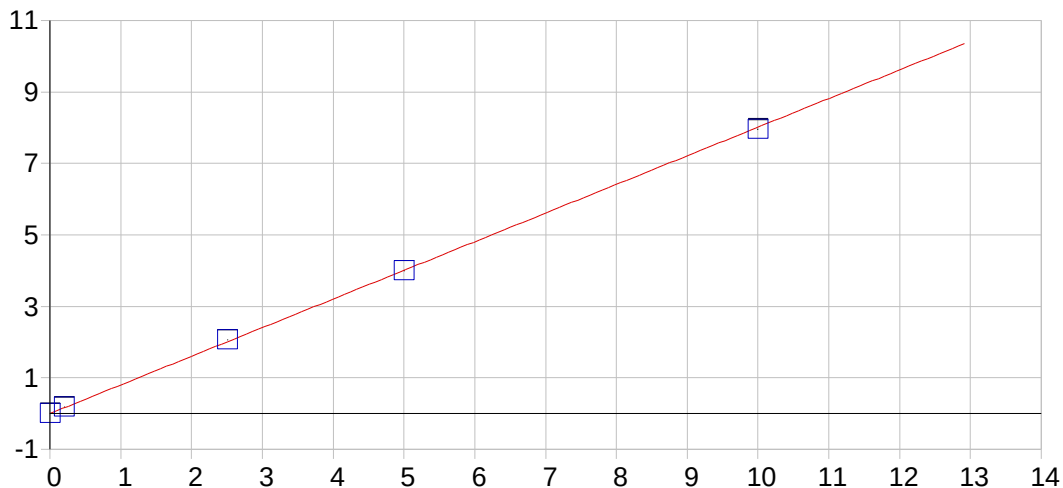
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003916 Re-Slope: 1.000000
 A1 (Gain): 0.008598 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000066
 Predicted MDL: 0.034891
 Predicted MQL: 0.116303

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1625	.163	8.13	.01468	.000	1
S0	.00000	-.00016	-.000	.000	-.00392	.000	1
S3	12.500	12.633	.133	1.06	.10470	.001	1
S4	25.000	24.733	-.267	-1.07	.20874	.000	1
S5	50.000	49.972	-.028	-.057	.42574	.002	1



Mo 202.030 {467}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

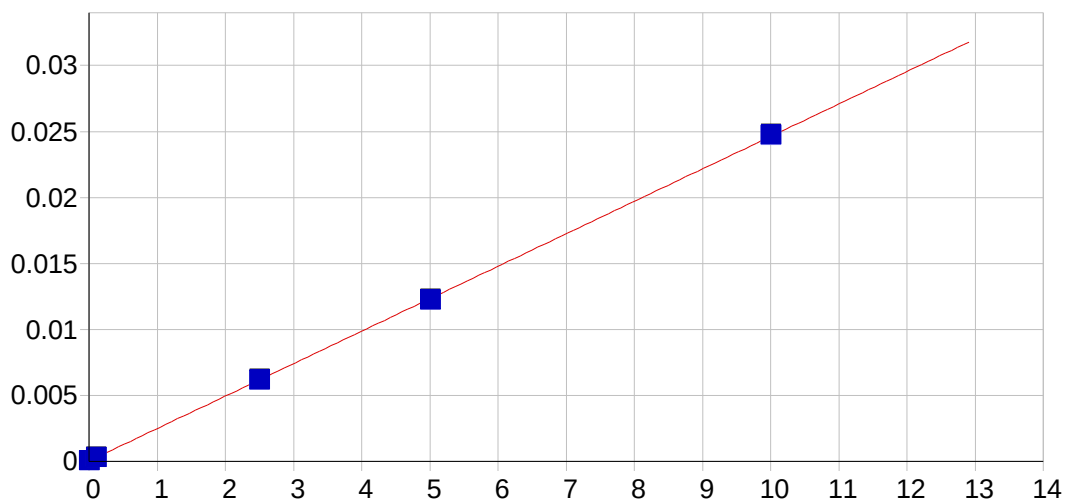
Weighting: 1/Conc

A0 (Offset): -0.000125
 A1 (Gain): 0.801566
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000964
 Predicted MDL: 0.000259
 Predicted MQL: 0.000863

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00014	.000	1
S1	.20000	.21847	.018	9.23	.17499	.000	1
S3	2.5000	2.5709	.071	2.84	2.0606	.002	1
S4	5.0000	4.9875	-.013	-.251	3.9977	.006	1
S5	10.000	9.9231	-.077	-.769	7.9539	.013	1

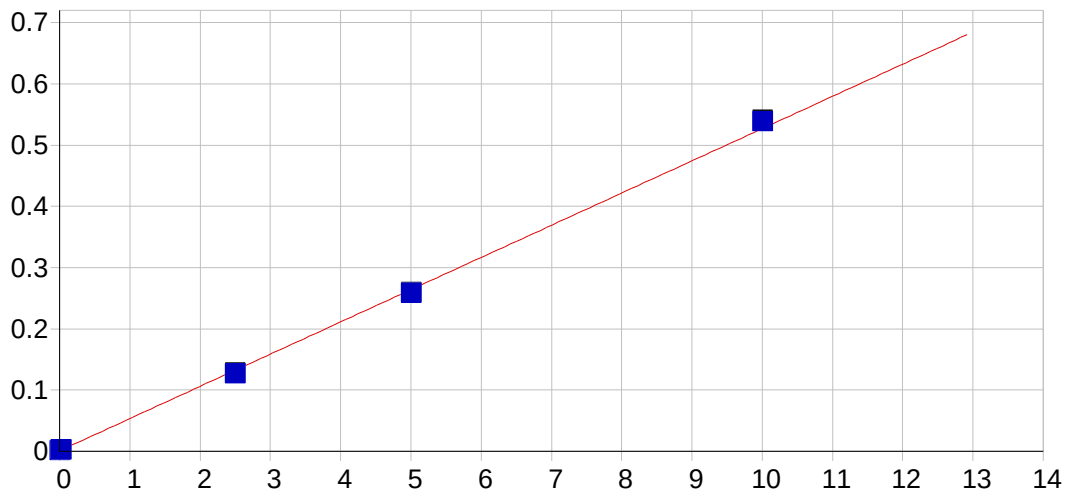


B 249.678 {135}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.002460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.011152
 Predicted MQL: 0.037172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.10000	.10739	.007	7.39	.00029	.000	1
S3	2.5000	2.4919	-.008	-.323	.00614	.000	1
S4	5.0000	4.9597	-.040	-.805	.01220	.000	1
S5	10.000	10.041	.041	.410	.02467	.000	1



S 182.034 {485}

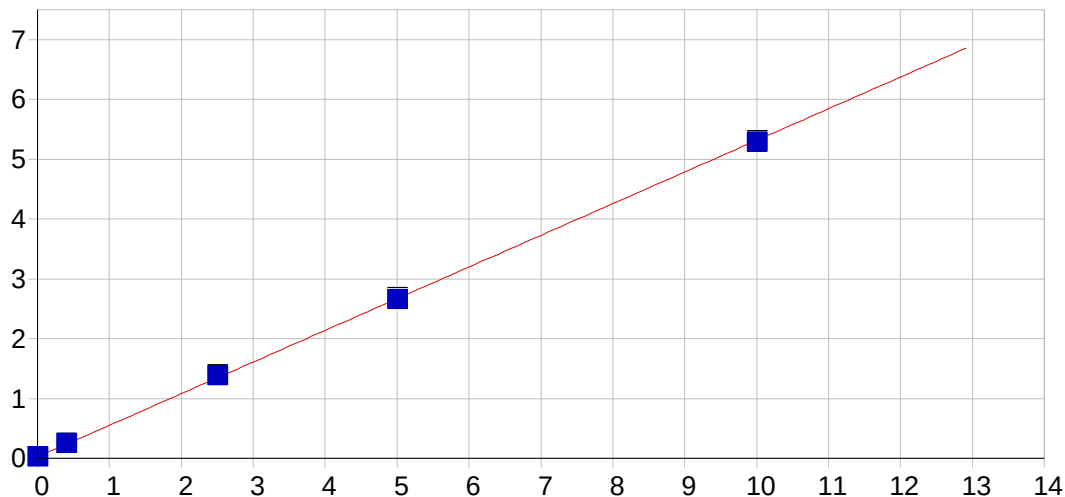
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000861 Re-Slope: 1.000000
 A1 (Gain): 0.052606 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660
 Std Error of Est: 0.000033
 Predicted MDL: 0.002541
 Predicted MQL: 0.008470

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.02000	.01778	-.002	-11.1	.00176	.000	1
S3	2.5000	2.3926	-.107	-4.30	.12658	.001	1
S4	5.0000	4.8923	-.108	-2.15	.25793	.001	1
S5	10.000	10.217	.217	2.17	.53777	.002	1



Si 288.158 {117}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

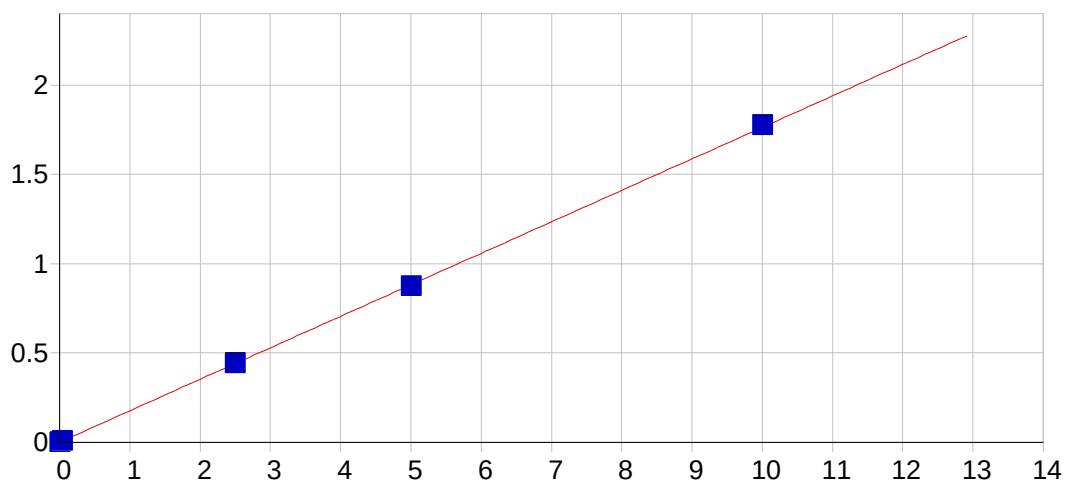
Weighting: 1/Conc

A0 (Offset): 0.023211
 A1 (Gain): 0.529153
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000779
 Predicted MDL: 0.002162
 Predicted MQL: 0.007206

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02320	.001	1
S1	.40000	.41750	.018	4.38	.24396	.002	1
S3	2.5000	2.5702	.070	2.81	1.3825	.013	1
S4	5.0000	4.9684	-.032	-.631	2.6509	.030	1
S5	10.000	9.9439	-.056	-.561	5.2822	.019	1

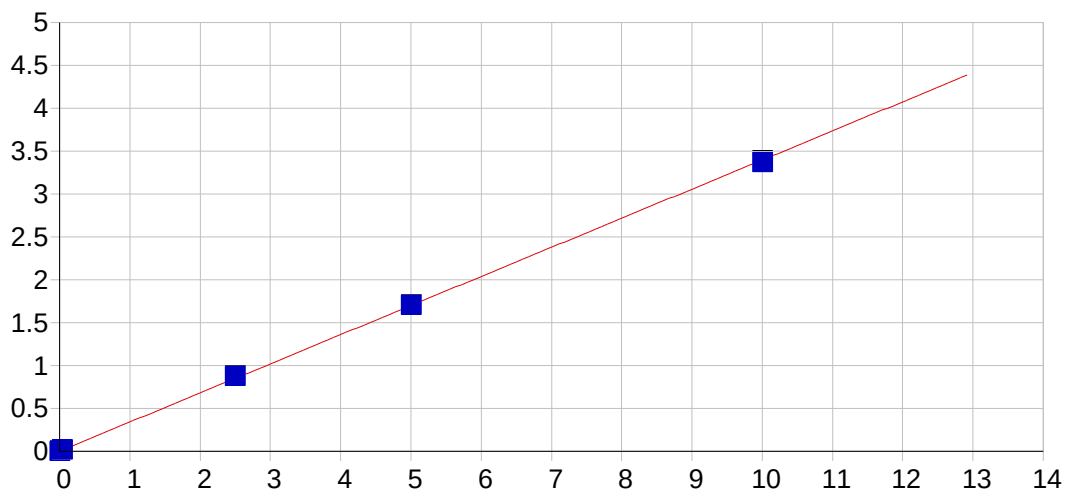


Sn 189.989 {477}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001000 Re-Slope: 1.000000
 A1 (Gain): 0.176193 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000691
 Predicted MQL: 0.002304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00100	.000	1
S1	.04000	.03906	-.001	-2.36	.00788	.000	1
S3	2.5000	2.5022	.002	.090	.44195	.001	1
S4	5.0000	4.9497	-.050	-1.01	.87326	.002	1
S5	10.000	10.049	.049	.490	1.7719	.004	1



Ti 336.121 {100}

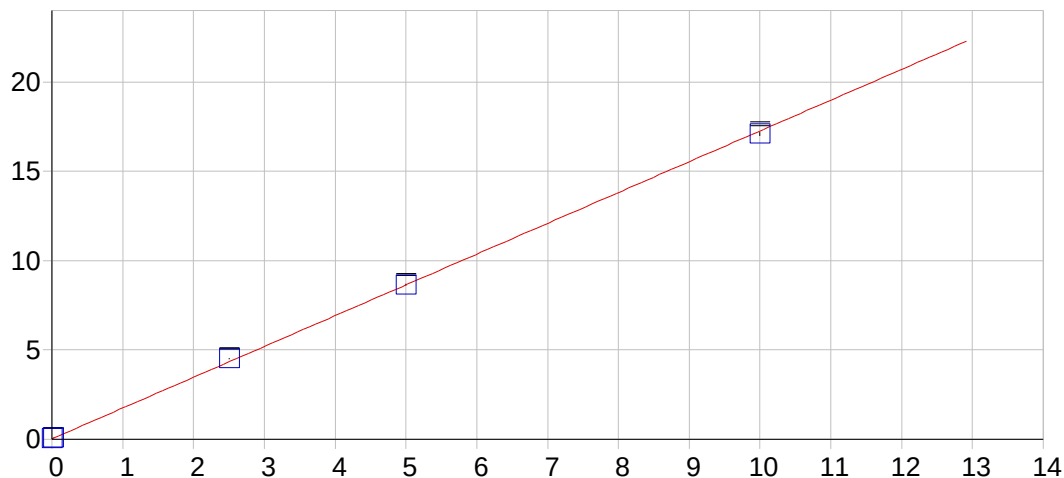
Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001907 Re-Slope: 1.000000
 A1 (Gain): 0.339489 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000151
 Predicted MDL: 0.001721
 Predicted MQL: 0.005736

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00191	.000	1
S1	.04000	.04268	.003	6.69	.01639	.000	1
S3	2.5000	2.5723	.072	2.89	.87505	.006	1
S4	5.0000	5.0086	.009	.173	1.7021	.008	1
S5	10.000	9.9164	-.084	-.836	3.3680	.018	1



Li 670.784 { 50}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

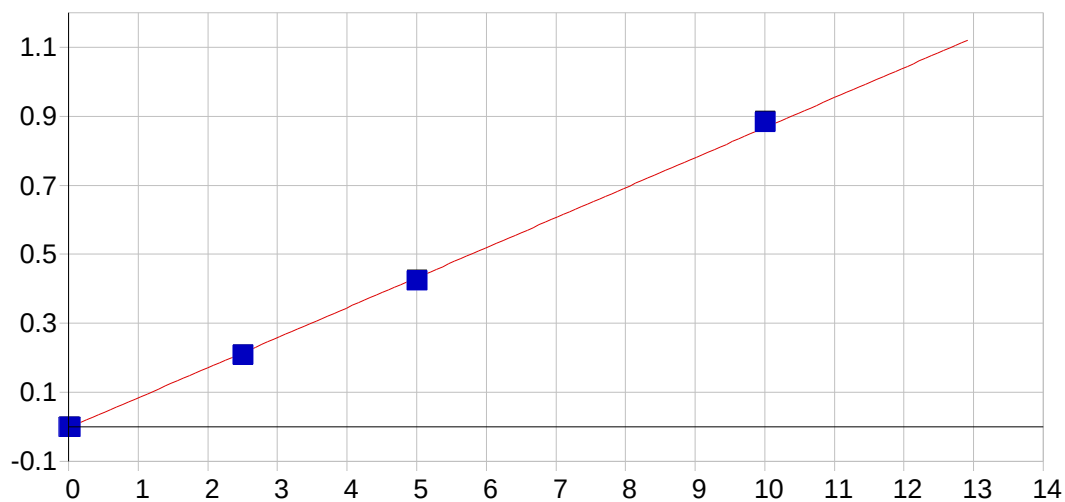
Weighting: 1/Conc

A0 (Offset): 0.025939
 A1 (Gain): 1.723329
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000748
 Predicted MDL: 0.001636
 Predicted MQL: 0.005454

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	.02593	.002	1
S1	.02000	.02335	.003	16.8	.06618	.001	1
S3	2.5000	2.6008	.101	4.03	4.5079	.042	1
S4	5.0000	4.9974	-.003	-.052	8.6381	.051	1
S5	10.000	9.8985	-.102	-1.02	17.084	.108	1

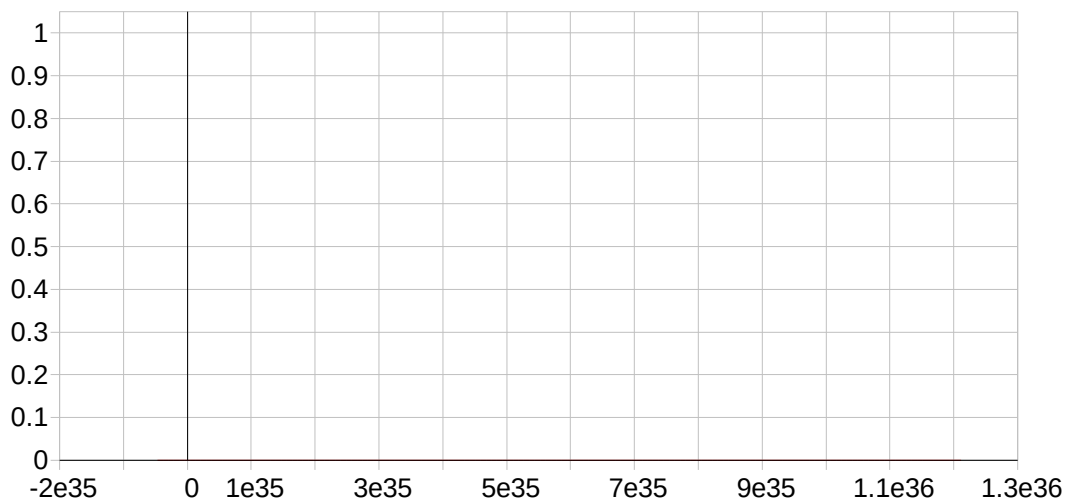


P 177.495 {490}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002625 Re-Slope: 1.000000
 A1 (Gain): 0.086962 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.001540
 Predicted MQL: 0.005132

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00262	.000	1
S1	.02000	.01843	-.002	-7.85	-.00103	.000	1
S3	2.5000	2.4172	-.083	-3.31	.20727	.001	1
S4	5.0000	4.9017	-.098	-1.97	.42301	.001	1
S5	10.000	10.183	.183	1.83	.88161	.003	1



Y 224.306 {450}*

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

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

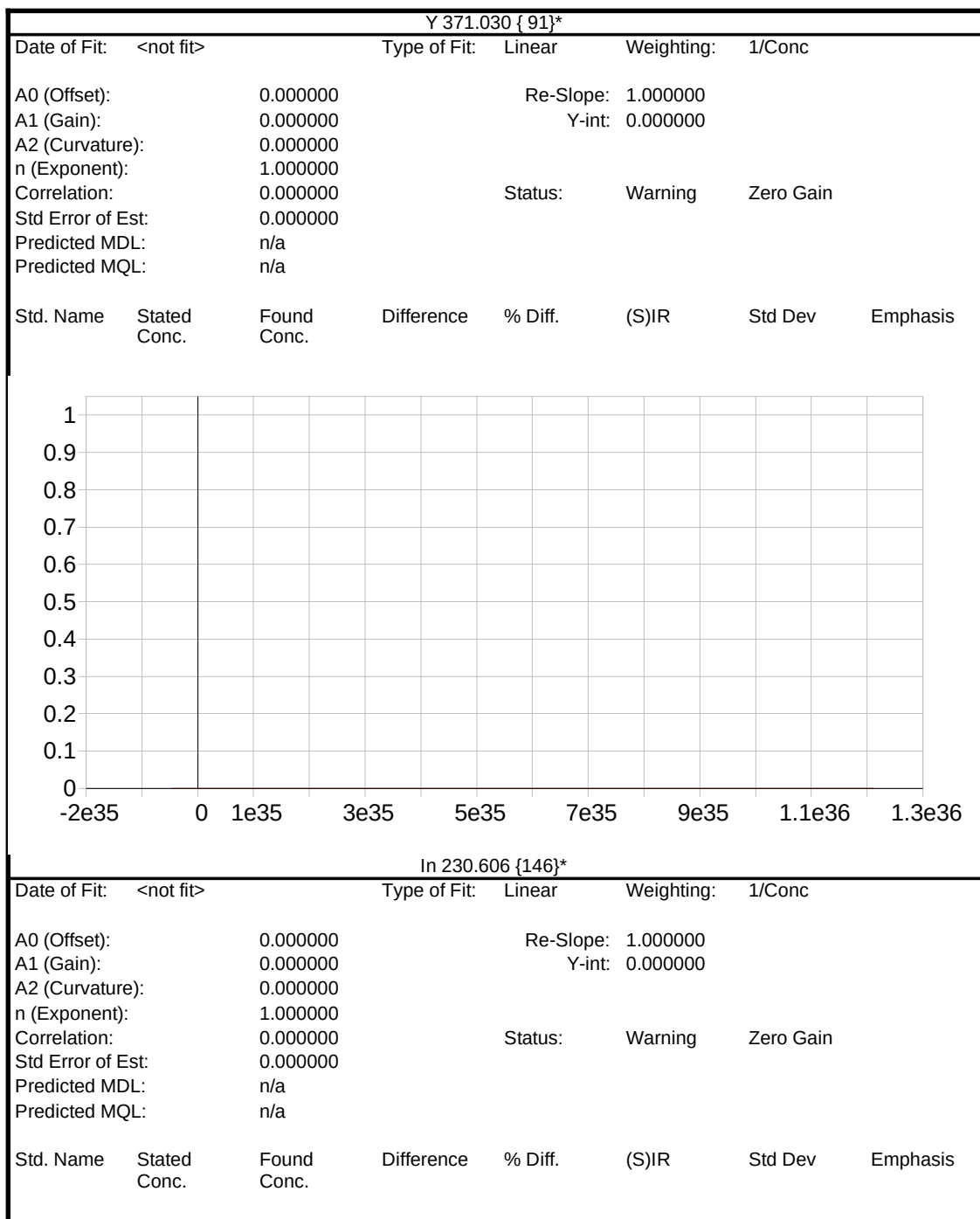
Status: Warning Zero Gain

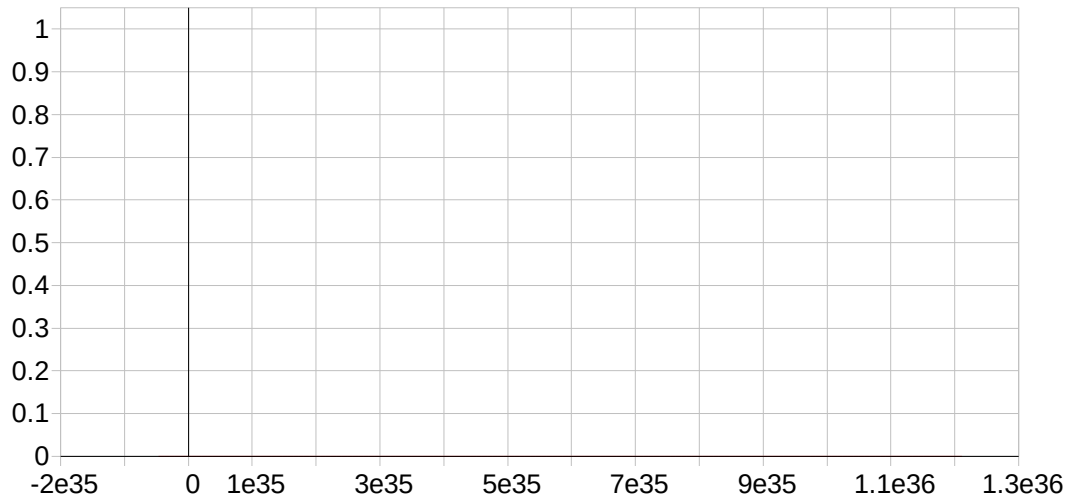
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
--------------	-----------	--------------	--------	------------	--------

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

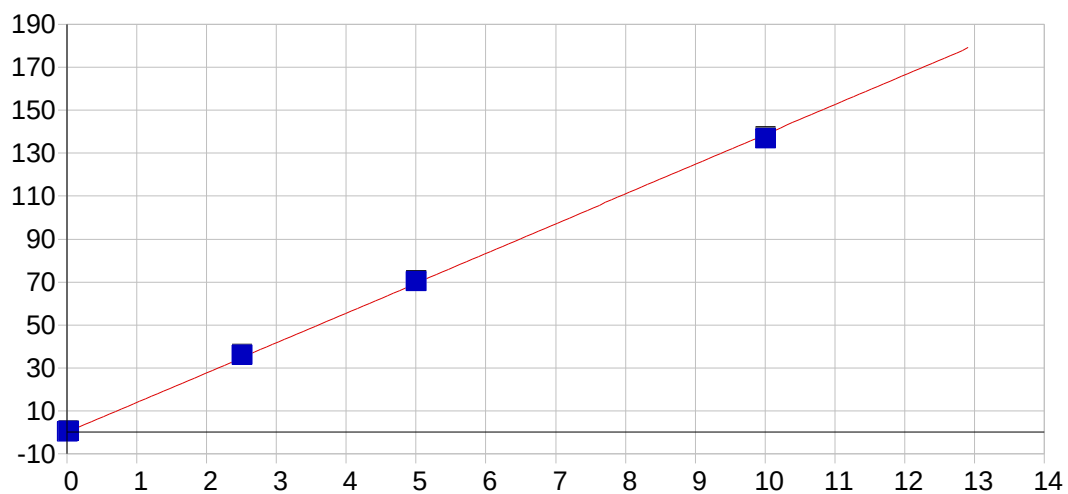
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



Sr 407.771 { 83}

Date of Fit: 5/24/2019 16:45:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005798

Re-Slope: 1.000000

A1 (Gain): 13.871553

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999820

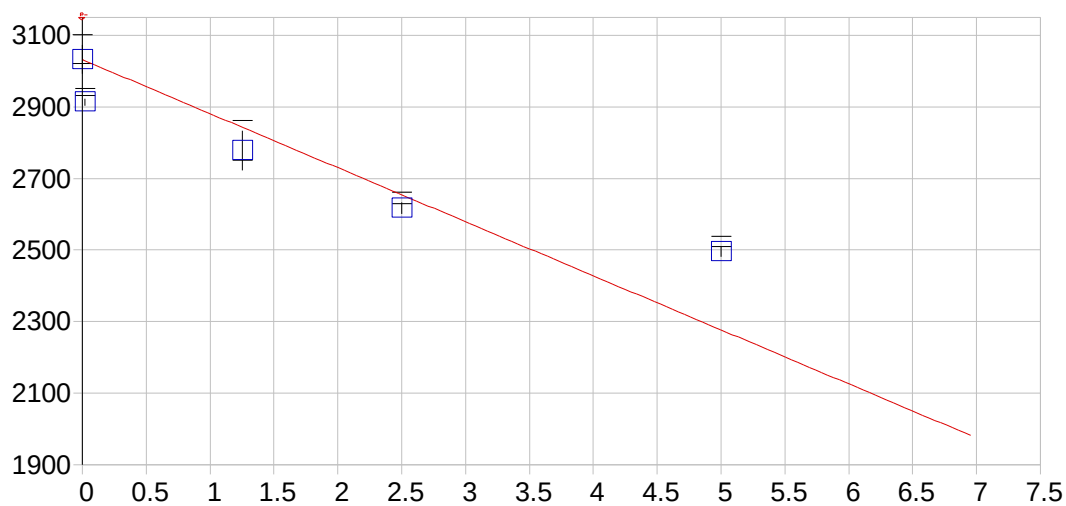
Status: OK.

Std Error of Est: 0.006368

Predicted MDL: 0.000083

Predicted MQL: 0.000277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00584	.000	1
S1	.02000	.02210	.002	10.5	.30228	.003	1
S3	2.5000	2.5919	.092	3.68	35.986	.288	1
S4	5.0000	5.0531	.053	1.06	70.165	.459	1
S5	10.000	9.8529	-.147	-1.47	136.82	.688	1

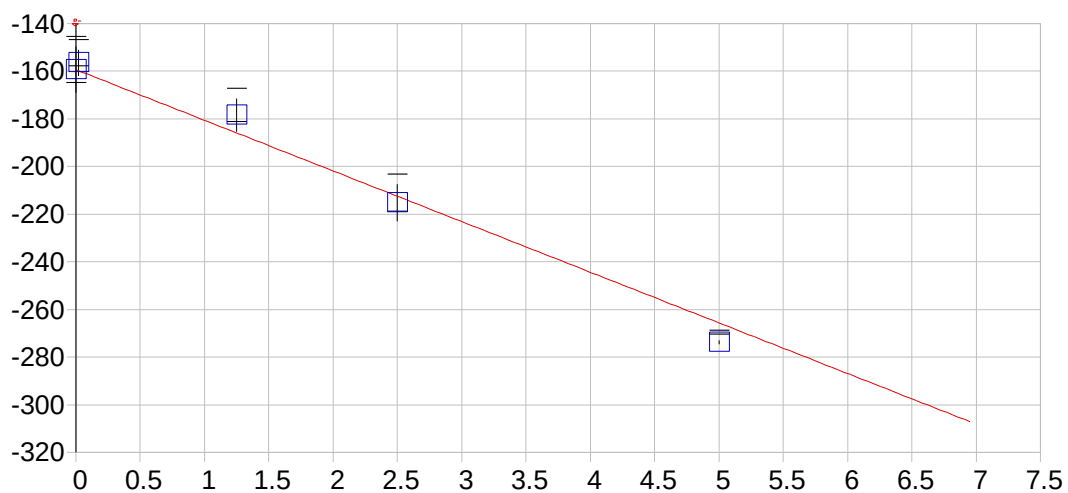


U 367.007 { 92 }

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3032.129338 Re-Slope: 1.000000
A1 (Gain): -151.029905 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.475740 Status: Warning Negative Gain
Std Error of Est: 4.771770
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00077	-.001	.000	3032.2	40.1	1
S1	.02000	.78623	.766	3830.	2913.4	10.4	1
S3	1.2500	1.6821	.432	34.6	2778.1	55.0	1
S4	2.5000	2.7484	.248	9.93	2617.0	16.1	1
S5	5.0000	3.5533	-1.45	-28.9	2495.5	14.4	1



U 385.958 { 87}

Date of Fit: 5/24/2019 16:45:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -159.353023 Re-Slope: 1.000000

A1 (Gain): -21.254197 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.931141

Status: Warning Negative Gain

Std Error of Est: 0.142241

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	-159.36	9.73	1
S1	.02000	-.13528	-.155	-776.	-156.48	5.52	1
S3	1.2500	.89256	-.357	-28.6	-178.32	7.01	1
S4	2.5000	2.6312	.131	5.25	-215.28	7.83	1
S5	5.0000	5.3815	.381	7.63	-273.73	.842	1

Sample Name: S0 Acquired: 5/24/2019 11:42:17 Type: Cal
Method: P4-ICP2(v3148) 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	-.00015	.00016	.00245	-.00024	.00037	.00077	.00117	.00010
Stddev	.00008	.00006	.00013	.00007	.00007	.00014	.00006	.00008
%RSD	57.680	35.610	5.4855	29.886	19.471	18.750	5.2321	85.127

#1	-.00017	.00023	.00260	-.00016	.00039	.00065	.00115	.00013
#2	-.00022	.00012	.00241	-.00029	.00029	.00093	.00124	.00017
#3	-.00005	.00014	.00234	-.00029	.00043	.00073	.00113	.00000

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	-.00046	.00078	-.00019	-.00052	.00279	.00105	.00024	.00002
Stddev	.00016	.00025	.00005	.00006	.00031	.00001	.00012	.00001
%RSD	34.363	31.618	27.397	11.115	11.001	.78274	49.230	66.934

#1	-.00063	.00094	-.00015	-.00059	.00310	.00104	.00015	.00004
#2	-.00033	.00050	-.00017	-.00050	.00279	.00105	.00038	.00001
#3	-.00041	.00091	-.00025	-.00048	.00249	.00106	.00019	.00002

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00732	-.00052	.00090	-.00022	.00416	-.00392	-.00014	.00003
Stddev	.00019	.00010	.00018	.00006	.00043	.00037	.00004	.00003
%RSD	2.5448	19.725	20.524	29.578	10.422	9.5302	29.809	99.775

#1	-.00712	-.00053	.00072	-.00021	.00466	-.00433	-.00016	-.00000
#2	-.00738	-.00041	.00088	-.00029	.00387	-.00361	-.00009	.00003
#3	-.00748	-.00061	.00109	-.00016	.00394	-.00381	-.00017	.00005

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	.00086	.02320	.00100	.00191	.02593	-.0026	-.00584	3032.2
Stddev	.00016	.00084	.00023	.00019	.00221	.0001	.00039	40.1
%RSD	18.777	3.6028	23.315	9.7904	8.5345	3.802	6.7257	1.3220

#1	.00081	.02262	.00125	.00176	.02357	-.0027	-.00605	2989.6
#2	.00104	.02416	.00096	.00212	.02795	-.0026	-.00608	3069.2
#3	.00073	.02282	.00079	.00184	.02627	-.0025	-.00538	3037.9

Sample Name: S0 Acquired: 5/24/2019 11:42:17 Type: Cal
 Method: P4-ICP2(v3148) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-159.36
Stddev	9.73
%RSD	6.1087

#1	-149.64
#2	-169.11
#3	-159.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.2	46800.	4238.4	42.433	3876.2
Stddev	11.5	67.	18.4	.794	12.0
%RSD	.31811	.14305	.43416	1.8703	.31076

#1	3593.6	46756.	4217.5	41.625	3867.8
#2	3597.7	46767.	4245.2	43.211	3870.7
#3	3615.2	46877.	4252.4	42.464	3890.0

Sample Name: S1 Acquired: 5/24/2019 11:46:44 Type: Cal
Method: P4-ICP2(v3148) 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	.00106	.00632	.00548	.00132	.00923	.00182	.04329	.00680
Stddev	.00008	.00016	.00007	.00004	.00016	.00006	.00022	.00002
%RSD	7.5401	2.4996	1.2439	2.9776	1.7349	3.0848	.49917	.29065

#1	.00100	.00647	.00541	.00127	.00940	.00177	.04306	.00681
#2	.00103	.00615	.00554	.00134	.00921	.00188	.04332	.00682
#3	.00115	.00633	.00547	.00134	.00908	.00181	.04349	.00678

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	.02973	.00216	.03953	.02444	.01223	.02658	.02469	.00278
Stddev	.00022	.00005	.00018	.00021	.00007	.00007	.00036	.00012
%RSD	.75079	2.5155	.45186	.85772	.59991	.26504	1.4589	4.2756

#1	.02998	.00221	.03935	.02449	.01229	.02666	.02431	.00282
#2	.02955	.00215	.03955	.02421	.01215	.02654	.02473	.00287
#3	.02967	.00210	.03970	.02462	.01224	.02654	.02503	.00264

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01044	.12486	.17499	.00029	.00176	.24396	.00788	.01639
Stddev	.00004	.00043	.00036	.00002	.00010	.00210	.00016	.00036
%RSD	.37495	.34475	.20486	7.2171	5.5152	.85988	1.9679	2.2035

#1	.01048	.12529	.17497	.00031	.00186	.24558	.00799	.01614
#2	.01041	.12442	.17536	.00030	.00166	.24471	.00795	.01622
#3	.01042	.12487	.17465	.00027	.00177	.24159	.00770	.01680

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06618	-.0010	.30228	2913.4	-156.48
Stddev	.00076	.0001	.00266	10.4	5.52
%RSD	1.1469	11.91	.87989	.35620	3.5289

#1	.06535	-.0012	.29992	2915.4	-155.11
#2	.06637	-.0009	.30516	2902.1	-162.55
#3	.06683	-.0010	.30177	2922.6	-151.77

Sample Name: S1 Acquired: 5/24/2019 11:46:44 Type: Cal
Method: P4-ICP2(v3148) 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	3595.6	46796.	4287.1	42.454	3831.1
Stddev	5.0	166.	5.3	.793	4.2
%RSD	.13777	.35420	.12458	1.8670	.11028
#1	3592.8	46721.	4282.6	42.734	3826.2
#2	3592.6	46986.	4285.7	43.068	3833.2
#3	3601.3	46682.	4293.0	41.559	3833.7

Sample Name: S2 Acquired: 5/24/2019 11:51:09 Type: Cal
 Method: P4-ICP2(v3148) 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	.13478	.00138	.07125	.01468
Stddev	.00210	.00005	.00017	.00009
%RSD	1.5615	3.2856	.23367	.61136

#1	.13283	.00143	.07112	.01459
#2	.13449	.00137	.07119	.01477
#3	.13701	.00134	.07144	.01467

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	46724.	4256.6
Stddev	80.	48.8
%RSD	.17201	1.1459

#1	46686.	4287.7
#2	46817.	4281.6
#3	46670.	4200.3

Sample Name: S3 Acquired: 5/24/2019 11:55:24 Type: Cal
Method: P4-ICP2(v3148) 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	.13569	.36763	.65728	.17202	.41800	.04804	1.9619	.13040
Stddev	.00024	.00065	.00076	.00045	.00035	.00026	.0117	.00020
%RSD	.17761	.17634	.11537	.25984	.08323	.53926	.59411	.15237
#1	.13566	.36810	.65761	.17222	.41830	.04774	1.9485	.13017
#2	.13547	.36789	.65641	.17151	.41808	.04818	1.9677	.13053
#3	.13595	.36689	.65782	.17233	.41762	.04819	1.9695	.13050
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	6.1214	.75792	.11671	1.6791	.62335	.27028	1.4864	.00793
Stddev	.0050	.00320	.00041	.0018	.00030	.00100	.0014	.00010
%RSD	.08088	.42226	.35285	.10825	.04888	.36846	.09771	1.2748
#1	6.1266	.75496	.11648	1.6811	.62304	.26915	1.4851	.00786
#2	6.1168	.75749	.11647	1.6775	.62365	.27064	1.4861	.00805
#3	6.1207	.76132	.11719	1.6786	.62334	.27105	1.4879	.00789
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	.97330	.19209	.40761	.31607	3.7982	.10470	2.0606	.00614
Stddev	.00131	.00027	.00184	.00123	.0023	.00065	.0021	.00006
%RSD	.13450	.14039	.45131	.38875	.06107	.62399	.09954	1.0492
#1	.97321	.19205	.40548	.31475	3.7998	.10402	2.0613	.00607
#2	.97204	.19238	.40871	.31627	3.7955	.10532	2.0623	.00617
#3	.97466	.19184	.40863	.31718	3.7992	.10477	2.0584	.00619
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	.12658	1.3825	.44195	.87505	4.5079	.2073	35.986	2778.1
Stddev	.00051	.0127	.00086	.00637	.0419	.0006	.288	55.0
%RSD	.40652	.92052	.19501	.72783	.92878	.2664	.80080	1.9793
#1	.12670	1.3873	.44169	.86805	4.4785	.2071	35.813	2833.7
#2	.12601	1.3681	.44125	.87659	4.4894	.2068	35.827	2723.7
#3	.12702	1.3922	.44291	.88051	4.5558	.2079	36.319	2776.8

Sample Name: S3 Acquired: 5/24/2019 11:55:24 Type: Cal
Method: P4-ICP2(v3148) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-178.32
Stddev	7.01
%RSD	3.9311

#1	-177.55
#2	-171.73
#3	-185.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.6	45340.	4230.9	41.486	3561.1
Stddev	3.4	82.	29.7	1.308	3.0
%RSD	.09785	.17992	.70292	3.1525	.08399

#1	3506.3	45248.	4216.0	40.028	3557.6
#2	3506.9	45367.	4265.2	41.873	3562.6
#3	3512.5	45404.	4211.6	42.556	3563.0

Sample Name: S4 Acquired: 5/24/2019 11:59:24 Type: Cal
Method: P4-ICP2(v3148) 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	.26968	.72733	1.2996	.34142	.82756	.09400	3.8651	.25689
Stddev	.00063	.00214	.0022	.00066	.00153	.00028	.0667	.00076
%RSD	.23405	.29366	.17004	.19416	.18485	.30078	1.7261	.29436
#1	.26954	.72616	1.2998	.34072	.82798	.09377	3.7904	.25634
#2	.26914	.72603	1.2974	.34151	.82586	.09391	3.8861	.25775
#3	.27037	.72980	1.3018	.34203	.82883	.09432	3.9188	.25657
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	12.242	1.4591	.22668	3.3436	1.1974	.51018	2.8936	.01562
Stddev	.012	.0062	.00076	.0039	.0015	.00167	.0072	.00007
%RSD	.09473	.42372	.33644	.11701	.12414	.32822	.24835	.42853
#1	12.242	1.4520	.22615	3.3453	1.1989	.50908	2.8889	.01556
#2	12.231	1.4632	.22755	3.3391	1.1960	.51211	2.9019	.01560
#3	12.254	1.4621	.22633	3.3463	1.1974	.50936	2.8899	.01569
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	1.9241	.37272	.80699	.61934	7.5926	.20874	3.9977	.01220
Stddev	.0021	.00122	.00228	.00122	.0106	.00048	.0059	.00006
%RSD	.10757	.32723	.28234	.19760	.14019	.22911	.14720	.46592
#1	1.9231	.37293	.80492	.61849	7.5962	.20818	4.0021	.01213
#2	1.9227	.37382	.80943	.62074	7.5806	.20905	3.9910	.01224
#3	1.9265	.37141	.80661	.61878	7.6010	.20897	3.9999	.01222
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	.25793	2.6509	.87326	1.7021	8.6381	.4230	70.165	2617.0
Stddev	.00108	.0303	.00200	.0078	.0515	.0006	.459	16.1
%RSD	.41970	1.1416	.22872	.45626	.59574	.1343	.65358	.61539
#1	.25758	2.6188	.87147	1.6931	8.5836	.4234	69.657	2604.9
#2	.25707	2.6789	.87289	1.7064	8.6858	.4224	70.547	2635.3
#3	.25915	2.6550	.87541	1.7067	8.6449	.4233	70.292	2610.9

Sample Name: S4 Acquired: 5/24/2019 11:59:24 Type: Cal
Method: P4-ICP2(v3148) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-215.28
Stddev	7.83
%RSD	3.6358

#1	-210.27
#2	-211.26
#3	-224.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.2	44803.	4275.6	41.455	3416.7
Stddev	3.6	112.	24.2	1.169	5.1
%RSD	.10554	.24928	.56569	2.8203	.14947

#1	3447.4	44812.	4293.0	41.343	3417.6
#2	3446.8	44687.	4248.0	40.345	3411.2
#3	3453.4	44909.	4285.8	42.675	3421.3

Sample Name: S5 Acquired: 5/24/2019 12:03:32 Type: Cal
Method: P4-ICP2(v3148) 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	.54213	1.4483	2.6299	.68164	1.6570	.18842	7.8530	.51038
Stddev	.00174	.0026	.0070	.00215	.0052	.00074	.0328	.00114
%RSD	.32177	.18136	.26523	.31471	.31064	.39229	.41776	.22311

#1	.54413	1.4513	2.6374	.68411	1.6618	.18757	7.8909	.50917
#2	.54137	1.4470	2.6289	.68045	1.6576	.18880	7.8336	.51052
#3	.54090	1.4465	2.6236	.68035	1.6515	.18890	7.8346	.51143

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	24.899	2.8768	.44762	6.8045	2.3577	1.0025	5.6126	.03151
Stddev	.063	.0114	.00076	.0157	.0058	.0010	.0317	.00016
%RSD	.25295	.39495	.17075	.23096	.24648	.10348	.56439	.50807

#1	24.968	2.8652	.44778	6.8226	2.3643	1.0025	5.6491	.03138
#2	24.885	2.8773	.44679	6.7966	2.3551	1.0014	5.5944	.03146
#3	24.845	2.8879	.44829	6.7944	2.3536	1.0035	5.5941	.03169

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	3.9046	.74531	1.6329	1.2376	15.478	.42574	7.9539	.02467
Stddev	.0083	.00054	.0020	.0025	.059	.00170	.0128	.00007
%RSD	.21291	.07231	.11972	.20358	.38161	.39918	.16124	.27496

#1	3.9141	.74593	1.6315	1.2386	15.542	.42434	7.9680	.02459
#2	3.9009	.74501	1.6322	1.2348	15.466	.42524	7.9509	.02470
#3	3.8987	.74499	1.6352	1.2395	15.426	.42763	7.9429	.02472

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	.53777	5.2822	1.7719	3.3680	17.084	.8816	136.82	2495.5
Stddev	.00209	.0192	.0042	.0176	.108	.0027	.69	14.4
%RSD	.38928	.36373	.23735	.52142	.62935	.3090	.50316	.57562

#1	.53960	5.2617	1.7767	3.3477	16.972	.8842	136.05	2481.4
#2	.53549	5.2852	1.7691	3.3780	17.095	.8818	137.38	2510.1
#3	.53821	5.2998	1.7698	3.3783	17.186	.8788	137.03	2494.9

Sample Name: S5 Acquired: 5/24/2019 12:03:32 Type: Cal
 Method: P4-ICP2(v3148) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-273.73
Stddev	.84
%RSD	.30745

#1	-273.11
#2	-274.69
#3	-273.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.0	43748.	4257.3	40.715	3209.1
Stddev	9.5	29.	7.4	1.016	9.3
%RSD	.28358	.06628	.17355	2.4951	.28914

#1	3336.6	43753.	4265.6	41.107	3200.1
#2	3345.9	43717.	4251.6	41.478	3208.4
#3	3355.6	43774.	4254.6	39.562	3218.7

Sample Name: ICV01 Acquired: 5/24/2019 12:21:51 Type: Unk
Method: P4-ICP2(v3148) 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	1.0145	1.0527	1.0067	1.0147	.99196	2.5033	.50072
Stddev	.0034	.0032	.0018	.0027	.00067	.0147	.00138
%RSD	.33881	.30415	.17885	.26972	.06737	.58680	.27533

#1	1.0182	1.0549	1.0060	1.0178	.99272	2.5192	.50164
#2	1.0141	1.0542	1.0088	1.0126	.99151	2.5004	.50140
#3	1.0114	1.0490	1.0054	1.0137	.99164	2.4902	.49914

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49467	.48962	10.335	.50781	.50239	.51299	5.1628
Stddev	.00033	.00152	.112	.00052	.00056	.00247	.0099
%RSD	.06717	.31104	1.0876	.10178	.11224	.48166	.19160

#1	.49499	.49009	10.244	.50838	.50185	.51144	5.1734
#2	.49433	.49085	10.300	.50737	.50297	.51169	5.1537
#3	.49470	.48791	10.461	.50769	.50234	.51584	5.1614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51983	6.0603	.50106	.50526	10.015	.50862	.98664
Stddev	.00032	.0736	.00126	.00104	.040	.00203	.00436
%RSD	.06106	1.2151	.25127	.20676	.39528	.39859	.44192

#1	.52014	6.0641	.49963	.50639	10.037	.51080	.98892
#2	.51950	5.9848	.50155	.50434	10.038	.50679	.98940
#3	.51985	6.1319	.50201	.50505	9.9690	.50828	.98162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7868	2.4467	F 2.3684	F .00539	F 2.3033	2.4031	2.5036
Stddev	.0268	.0043	.0266	.00214	.0058	.0041	.0103
%RSD	.27358	.17448	1.1218	39.750	.25242	.17194	.40990

#1	9.7589	2.4516	2.3876	.00640	2.2997	2.4008	2.4920
#2	9.8123	2.4444	2.3380	.00293	2.3003	2.4079	2.5071
#3	9.7890	2.4441	2.3794	.00684	2.3100	2.4007	2.5116

Sample Name: ICV01 Acquired: 5/24/2019 12:21:51 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00006	F -.0061	F .00630	F 3.1618	F 1.8821
Stddev	.00082	.0005	.00004	.0282	.1000
%RSD	1410.0	7.545	.67460	.89278	5.3130
#1	.00044	-.0062	.00629	3.1294	1.7670
#2	.00038	-.0065	.00626	3.1746	1.9317
#3	-.00100	-.0056	.00635	3.1813	1.9476
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.9	45761.	4293.4	42.561	3617.1
Stddev	12.3	113.	15.2	1.432	13.6
%RSD	.35219	.24647	.35353	3.3649	.37642
#1	3480.2	45633.	4287.8	43.555	3604.4
#2	3497.2	45803.	4310.6	40.919	3615.3
#3	3504.1	45847.	4281.9	43.208	3631.5

Sample Name: LLICV01 Acquired: 5/24/2019 12:25:56 Type: Unk
Method: P4-ICP2(v3148) 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	.02246	.04368	.01203	.02184	.05339	.10531	.10616
Stddev	.00261	.00044	.00044	.00318	.00084	.00567	.00085
%RSD	11.633	.99828	3.6166	14.570	1.5825	5.3834	.79656

#1	.02496	.04371	.01252	.01981	.05258	.09903	.10523
#2	.02267	.04323	.01169	.02020	.05333	.11004	.10635
#3	.01975	.04411	.01188	.02551	.05426	.10688	.10689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00620	2.1694	.01056	.03034	.02167	.11080
Stddev	.00005	.00002	.0158	.00020	.00015	.00031	.00094
%RSD	.76534	.35673	.72736	1.8521	.48426	1.4131	.85232

#1	.00669	.00620	2.1529	.01077	.03017	.02133	.11083
#2	.00664	.00618	2.1709	.01051	.03042	.02194	.10984
#3	.00674	.00622	2.1843	.01039	.03043	.02172	.11172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02319	2.0962	.04130	.01100	2.1158	.04314	.03993
Stddev	.00016	.0652	.00012	.00068	.0168	.00036	.00016
%RSD	.69376	3.1110	.29743	6.1856	.79526	.82544	.40809

#1	.02309	2.1393	.04120	.01099	2.0964	.04297	.04011
#2	.02310	2.0211	.04144	.01032	2.1253	.04290	.03989
#3	.02337	2.1280	.04127	.01168	2.1258	.04354	.03979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0567	.21831	.11086	.01723	.41058	.03916	.04396
Stddev	.0339	.00023	.00930	.00161	.00027	.00121	.00122
%RSD	1.6487	.10677	8.3859	9.3460	.06681	3.0964	2.7814

#1	2.0199	.21857	.10232	.01809	.41027	.03982	.04485
#2	2.0637	.21822	.10951	.01823	.41066	.03990	.04257
#3	2.0866	.21813	.12076	.01537	.41080	.03776	.04447

Sample Name: LLICV01 Acquired: 5/24/2019 12:25:56 Type: Unk
 Method: P4-ICP2(v3148) 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	.02287	.0180	.02188	F 2.2265	F<.00000
Stddev	.00126	.0012	.00005	.2995	.35455
%RSD	5.5121	6.602	.24653	13.454	165.09

#1	.02264	.0191	.02185	2.5555	-.19726
#2	.02422	.0182	.02185	1.9697	-.57775
#3	.02173	.0168	.02195	2.1542	.13071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3540.5	46218.	4205.5	40.973	3772.0
Stddev	3.3	170.	32.7	1.958	3.5
%RSD	.09336	.36869	.77820	4.7795	.09237

#1	3542.8	46261.	4174.7	43.127	3773.3
#2	3536.7	46030.	4201.9	40.493	3768.0
#3	3542.1	46363.	4239.9	39.300	3774.6

Sample Name: ICB01 Acquired: 5/24/2019 12:30:20 Type: Unk
Method: P4-ICP2(v3148) 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	-.00033	.00038	-.00063	.00114	.00077	-.00573	.00059
Stddev	.00160	.00013	.00137	.00171	.00114	.00894	.00004
%RSD	478.28	34.761	218.66	149.85	148.51	156.14	6.0474

#1	-.00201	.00051	-.00216	-.00083	.00157	.00459	.00062
#2	.00117	.00024	.00048	.00208	.00128	-.01056	.00055
#3	-.00016	.00039	-.00019	.00217	-.00054	-.01121	.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00001	-.00674	-.00025	-.00004	.00023	-.00052
Stddev	.00003	.00004	.00925	.00049	.00008	.00037	.00016
%RSD	64.147	504.17	137.34	196.33	187.38	160.74	31.184

#1	.00002	-.00003	.00047	-.00080	.00003	.00052	-.00056
#2	.00004	.00004	-.01717	.00015	-.00003	.00034	-.00034
#3	.00007	-.00003	-.00350	-.00011	-.00013	-.00018	-.00066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01502	-.00015	.00001	-.01809	.00040	-.00035
Stddev	.00004	.04376	.00040	.00022	.00817	.00058	.00007
%RSD	216.97	291.38	265.31	2410.3	45.195	145.63	19.726

#1	.00002	.03538	-.00025	-.00001	-.02557	.00006	-.00035
#2	.00006	-.03705	.00029	-.00020	-.00936	.00107	-.00042
#3	-.00002	-.04339	-.00049	.00024	-.01933	.00007	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02931	-.00014	-.00210	-.00206	-.00150	-.00138	-.00042
Stddev	.02165	.00019	.01210	.00166	.00133	.00074	.00136
%RSD	73.871	136.06	575.65	80.400	88.323	53.643	322.09

#1	-.03997	-.00028	.00810	-.00206	.00002	-.00219	-.00200
#2	-.00440	-.00023	.00106	-.00372	-.00243	-.00122	.00031
#3	-.04358	.00008	-.01546	-.00041	-.00211	-.00073	.00042

Sample Name: ICB01 Acquired: 5/24/2019 12:30:20 Type: Unk
 Method: P4-ICP2(v3148) 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	.00033	-.0001	-.00000	F 1.5612	F<.00000
Stddev	.00142	.0020	.00005	.3847	.33590
%RSD	431.77	2829.	603130.	24.645	950.28
#1	-.00130	-.0018	-.00005	1.6829	.04713
#2	.00132	.0021	.00005	1.8704	.25163
#3	.00097	-.0005	-.00001	1.1303	-.40480
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.0	46100.	4173.2	41.947	3793.1
Stddev	3.4	131.	9.8	1.836	3.3
%RSD	.09740	.28322	.23549	4.3774	.08800
#1	3537.9	46034.	4161.9	43.611	3797.0
#2	3535.9	46251.	4179.7	39.977	3791.8
#3	3531.2	46016.	4177.9	42.252	3790.7

Sample Name: CRI01 Acquired: 5/24/2019 12:34:48 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02026	.04283	.01114	.02298	.05359	.09966	.10482	.00660
Stddev	.00123	.00152	.00013	.00088	.00118	.01097	.00146	.00012
%RSD	6.0923	3.5438	1.1643	3.8233	2.1974	11.010	1.3896	1.7927

#1	.02015	.04304	.01123	.02334	.05316	.08761	.10397	.00671
#2	.01909	.04423	.01099	.02198	.05269	.10908	.10400	.00663
#3	.02155	.04122	.01119	.02362	.05493	.10230	.10651	.00648

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	2.1799	.01076	.03000	.02160	.11012	.02315	2.0615
Stddev	.00005	.0259	.00045	.00009	.00004	.00012	.00019	.0566
%RSD	.83524	1.1901	4.2206	.29809	.19630	.10997	.80542	2.7442

#1	.00604	2.1540	.01058	.03000	.02162	.11026	.02319	1.9992
#2	.00614	2.2058	.01128	.03008	.02156	.11008	.02331	2.0755
#3	.00607	2.1798	.01042	.02991	.02163	.11002	.02295	2.1097

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04086	.01095	2.0824	.04314	.03940	2.0162	.21745	.09468
Stddev	.00010	.00053	.0217	.00018	.00007	.0303	.00037	.00673
%RSD	.24647	4.8339	1.0411	.42539	.17238	1.5045	.16868	7.1056

#1	.04092	.01131	2.0690	.04296	.03943	1.9922	.21718	.09018
#2	.04092	.01034	2.0708	.04333	.03945	2.0062	.21787	.10241
#3	.04074	.01119	2.1074	.04313	.03932	2.0503	.21731	.09145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01574	.41320	.03813	.04164	.02238	.0186	.02181	F 2.1420
Stddev	.00079	.00632	.00041	.00102	.00124	.0006	.00007	.1993
%RSD	5.0105	1.5292	1.0639	2.4569	5.5429	3.277	.30602	9.3030

#1	.01612	.41043	.03845	.04185	.02121	.0181	.02174	2.0894
#2	.01483	.42043	.03768	.04255	.02224	.0185	.02187	1.9743
#3	.01626	.40874	.03828	.04053	.02368	.0193	.02182	2.3623

Sample Name: CRI01 Acquired: 5/24/2019 12:34:48 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .22582
Stddev	.22574
%RSD	99.968

#1	.40438
#2	-.02793
#3	.30100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.9	46348.	4185.6	42.954	3782.1
Stddev	8.1	46.	37.6	.718	6.5
%RSD	.22892	.09840	.89942	1.6719	.17176

#1	3559.3	46312.	4181.9	43.218	3789.5
#2	3544.5	46399.	4149.9	43.502	3777.1
#3	3546.1	46333.	4225.0	42.141	3779.9

Sample Name: ICSA01 Acquired: 5/24/2019 12:39:14 Type: Unk
 Method: P4-ICP2(v3148) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	.00912	-.01059	F -.02030	.00568	264.94	.00761
Stddev	.00144	.00242	.00093	.00406	.00074	.64	.00057
%RSD	80.522	26.510	8.7726	19.980	12.937	.24233	7.5489

#1	-.00048	.01189	-.00984	-.02313	.00588	264.37	.00814
#2	-.00154	.00794	-.01029	-.02213	.00487	264.81	.00700
#3	-.00333	.00751	-.01163	-.01566	.00630	265.64	.00769

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	-.00202	248.56	.04759	-.00067	.00407	95.506
Stddev	.00012	.00005	.80	.00028	.00029	.00014	.538
%RSD	3.8072	2.4321	.32247	.58882	43.054	3.3236	.56310

#1	.00325	-.00196	248.72	.04739	-.00037	.00407	95.093
#2	.00301	-.00206	249.26	.04747	-.00094	.00394	95.311
#3	.00315	-.00203	247.69	.04791	-.00070	.00421	96.114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01448	270.16	-.00649	-.00301	.01546	.00053	-.01341
Stddev	.00010	1.69	.00019	.00022	.01007	.00020	.00010
%RSD	.70778	.62426	2.9928	7.4482	65.104	36.561	.76689

#1	.01450	268.22	-.00660	-.00293	.00547	.00065	-.01335
#2	.01457	270.99	-.00662	-.00283	.01532	.00031	-.01334
#3	.01437	271.28	-.00627	-.00326	.02560	.00065	-.01352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05677	-.00169	-.01647	.01068	-.00387	.00607	-.00288
Stddev	.02149	.00014	.01249	.00182	.00219	.00147	.00099
%RSD	37.858	8.5193	75.870	17.048	56.565	24.186	34.511

#1	-.06176	-.00156	-.00702	.00866	-.00549	.00740	-.00296
#2	-.07532	-.00166	-.01174	.01220	-.00138	.00631	-.00383
#3	-.03322	-.00184	-.03063	.01117	-.00474	.00450	-.00185

Sample Name: ICSA01 Acquired: 5/24/2019 12:39:14 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01122	F .0220	-.00168	4.3327	33.038
Stddev	.00110	.0015	.00065	.0206	.532
%RSD	9.8428	6.962	38.570	.47502	1.6094
#1	.00995	.0218	-.00132	4.3147	33.217
#2	.01190	.0206	-.00130	4.3284	33.456
#3	.01182	.0236	-.00243	4.3551	32.439
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.6	41112.	4049.8	38.337	3040.9
Stddev	20.8	87.	21.6	.958	19.2
%RSD	.65529	.21064	.53413	2.4984	.63174
#1	3157.8	41203.	4033.8	37.869	3018.7
#2	3190.5	41031.	4041.2	39.439	3050.4
#3	3196.6	41100.	4074.4	37.703	3053.5

Sample Name: ICSAB01 Acquired: 5/24/2019 12:43:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10279	.11641	.04097	.02929	.63546	260.68	.55307	.56043
Stddev	.00118	.00144	.00097	.00365	.00377	1.67	.00425	.00418
%RSD	1.1506	1.2335	2.3569	12.452	.59282	.63943	.76788	.74585

#1	.10255	.11668	.04088	.02949	.63412	259.22	.55057	.56076
#2	.10408	.11487	.04198	.03283	.63254	262.50	.55797	.56444
#3	.10175	.11770	.04006	.02554	.63971	260.34	.55067	.55610

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0299	244.26	.57056	.51754	.50472	93.595	.54099	264.62
Stddev	.0021	.83	.00501	.00129	.00067	.653	.00375	2.67
%RSD	.20751	.34103	.87759	.24884	.13228	.69766	.69249	1.0087

#1	1.0296	244.31	.57104	.51838	.50395	94.199	.54271	262.54
#2	1.0279	245.06	.57531	.51606	.50517	93.685	.54357	267.63
#3	1.0321	243.40	.56533	.51818	.50504	92.902	.53669	263.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0156	.21714	.00985	.53041	1.0888	-.00399	1.0297	1.0475
Stddev	.0021	.00200	.00440	.00463	.0022	.05245	.0028	.0093
%RSD	.20991	.92285	44.636	.87350	.20490	1315.5	.26802	.89011

#1	1.0178	.21750	.00493	.53394	1.0886	.04052	1.0265	1.0523
#2	1.0154	.21894	.01124	.53212	1.0868	.00932	1.0309	1.0535
#3	1.0136	.21498	.01340	.52516	1.0912	-.06181	1.0316	1.0368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0750	.94129	1.0526	1.0423	1.1151	1.075	1.1091	4.6793
Stddev	.0048	.01134	.0028	.0046	.0024	.008	.0055	.1912
%RSD	.44880	1.2051	.26718	.43967	.21148	.7193	.49288	4.0866

#1	1.0701	.95378	1.0536	1.0370	1.1178	1.079	1.1117	4.8678
#2	1.0753	.93845	1.0495	1.0450	1.1139	1.066	1.1128	4.4854
#3	1.0797	.93163	1.0549	1.0449	1.1135	1.080	1.1029	4.6847

Sample Name: ICSAB01 Acquired: 5/24/2019 12:43:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 32.754
Stddev .981
%RSD 2.9948

#1 32.189
#2 32.186
#3 33.887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.7	41292.	4062.9	38.479	3031.9
Stddev	4.8	353.	47.3	1.020	9.2
%RSD	.15078	.85406	1.1638	2.6507	.30221

#1	3166.5	41151.	4014.4	38.050	3022.2
#2	3175.9	41031.	4065.4	37.744	3040.5
#3	3169.6	41693.	4108.8	39.643	3033.0

Sample Name: CCV01 Acquired: 5/24/2019 12:48:18 Type: Unk
Method: P4-ICP2(v3148) 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	5.0192	5.0670	4.9968	5.0076	4.9886	9.8026	9.8907	.25362
Stddev	.0086	.0088	.0012	.0072	.0136	.0404	.0719	.00088
%RSD	.17198	.17319	.02366	.14462	.27158	.41195	.72700	.34825
#1	5.0219	5.0644	4.9964	4.9999	4.9945	9.8156	9.9479	.25461
#2	5.0261	5.0598	4.9958	5.0142	4.9982	9.7573	9.9143	.25291
#3	5.0095	5.0768	4.9981	5.0088	4.9731	9.8348	9.8100	.25335
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4867	25.118	1.0027	2.4992	1.2347	5.0314	2.5696	24.987
Stddev	.0018	.073	.0013	.0024	.0007	.0111	.0022	.085
%RSD	.07022	.29013	.13200	.09822	.05352	.22137	.08448	.34181
#1	2.4887	25.041	1.0021	2.4963	1.2349	5.0229	2.5684	25.064
#2	2.4859	25.186	1.0042	2.5007	1.2352	5.0273	2.5682	24.895
#3	2.4854	25.128	1.0017	2.5005	1.2340	5.0440	2.5721	25.003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4811	1.2357	24.781	2.5026	2.5046	24.116	4.9726	4.8666
Stddev	.0026	.0025	.073	.0057	.0015	.080	.0053	.0217
%RSD	.10343	.20334	.29621	.22747	.05828	.33365	.10586	.44672
#1	2.4827	1.2348	24.865	2.4974	2.5032	24.191	4.9784	4.8741
#2	2.4782	1.2339	24.732	2.5017	2.5061	24.031	4.9681	4.8421
#3	2.4825	1.2386	24.745	2.5087	2.5045	24.125	4.9713	4.8837
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9068	4.8983	4.9949	5.0321	4.8808	4.989	5.0515	F 4.6045
Stddev	.0230	.0496	.0065	.0179	.0286	.000	.0229	.2651
%RSD	.46937	1.0130	.12944	.35594	.58590	.0031	.45269	5.7568
#1	4.9004	4.8411	4.9973	5.0124	4.8478	4.989	5.0251	4.3055
#2	4.8876	4.9295	4.9876	5.0364	4.8957	4.989	5.0654	4.6973
#3	4.9323	4.9244	4.9999	5.0475	4.8988	4.990	5.0641	4.8106

Sample Name: CCV01 Acquired: 5/24/2019 12:48:18 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5289
Stddev	.1718
%RSD	6.7920

#1	2.5097
#2	2.3675
#3	2.7094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.3	44381.	4223.6	41.465	3346.8
Stddev	9.1	169.	18.3	.997	5.1
%RSD	.26934	.38123	.43290	2.4055	.15276

#1	3377.1	44185.	4241.4	41.620	3341.8
#2	3383.6	44483.	4204.8	42.375	3346.5
#3	3395.1	44474.	4224.6	40.398	3352.0

Sample Name: LLCCV01 Acquired: 5/24/2019 12:52:23 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02166	.04370	.01160	.02326	.05380	.10510	.10669	.00666
Stddev	.00439	.00103	.00074	.00313	.00075	.00576	.00119	.00008
%RSD	20.267	2.3461	6.3794	13.479	1.4032	5.4853	1.1114	1.1829
#1	.01835	.04440	.01243	.01996	.05312	.10731	.10534	.00658
#2	.02664	.04418	.01134	.02620	.05368	.09855	.10717	.00674
#3	.01999	.04252	.01102	.02361	.05461	.10942	.10756	.00666
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	2.1999	.01056	.03018	.02178	.10977	.02325	2.1348
Stddev	.00006	.0104	.00037	.00017	.00025	.00067	.00013	.1133
%RSD	1.0049	.47129	3.5205	.57289	1.1661	.60759	.56058	5.3082
#1	.00623	2.2036	.01020	.03034	.02190	.11049	.02340	2.1179
#2	.00618	2.1882	.01053	.03000	.02196	.10918	.02317	2.0309
#3	.00611	2.2079	.01095	.03019	.02149	.10965	.02318	2.2556
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04151	.01082	2.1006	.04311	.03975	2.0428	.21824	.10979
Stddev	.00049	.00009	.0084	.00080	.00018	.0272	.00007	.00688
%RSD	1.1780	.87034	.39794	1.8586	.45631	1.3322	.03338	6.2708
#1	.04095	.01073	2.0920	.04353	.03996	2.0726	.21823	.11017
#2	.04181	.01082	2.1011	.04218	.03966	2.0193	.21817	.10272
#3	.04178	.01092	2.1087	.04361	.03964	2.0365	.21832	.11648
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01802	.41697	.03972	.04363	.02322	.0181	.02213	F 2.1570
Stddev	.00074	.00123	.00056	.00178	.00150	.0012	.00004	.0304
%RSD	4.1000	.29419	1.4163	4.0893	6.4477	6.811	.18885	1.4084
#1	.01718	.41806	.03977	.04274	.02169	.0186	.02217	2.1914
#2	.01831	.41721	.03914	.04568	.02469	.0190	.02209	2.1338
#3	.01857	.41565	.04026	.04246	.02329	.0167	.02214	2.1458

Sample Name: LLCCV01 Acquired: 5/24/2019 12:52:23 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .10097
Stddev	.06341
%RSD	62.801

#1	.14607
#2	.12837
#3	.02847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.1	46111.	4182.6	43.687	3774.2
Stddev	15.9	142.	19.1	1.323	14.7
%RSD	.44763	.30810	.45767	3.0289	.38847

#1	3536.0	45947.	4164.9	43.943	3763.3
#2	3537.8	46191.	4179.8	42.255	3768.5
#3	3564.4	46195.	4202.9	44.864	3790.9

Sample Name: CCB01 Acquired: 5/24/2019 12:56:50 Type: Unk
Method: P4-ICP2(v3148) 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	.00108	-.00028	-.00053	.00068	-.00009	-.00521	.00038
Stddev	.00143	.00042	.00122	.00180	.00056	.00906	.00023
%RSD	132.30	153.07	231.26	266.33	617.99	173.82	62.496

#1	.00025	-.00053	-.00160	.00250	-.00006	.00421	.00059
#2	.00274	.00021	-.00077	-.00109	-.00067	-.00599	.00040
#3	.00026	-.00051	.00079	.00062	.00046	-.01385	.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00001	-.00182	-.00055	.00002	.00024	-.00031
Stddev	.00003	.00006	.00216	.00033	.00005	.00051	.00041
%RSD	36.853	534.01	118.75	60.811	211.09	210.33	134.18

#1	.00006	-.00003	.00040	-.00055	.00001	.00014	-.00041
#2	.00005	.00007	-.00195	-.00088	-.00002	.00080	.00015
#3	.00010	-.00001	-.00392	-.00022	.00008	-.00021	-.00066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.04673	-.00020	-.00002	-.02410	.00010	-.00037
Stddev	.00009	.07156	.00014	.00028	.00439	.00012	.00008
%RSD	114.39	153.14	72.734	1537.2	18.196	117.46	21.775

#1	-.00017	.05985	-.00036	-.00032	-.02916	-.00003	-.00034
#2	-.00009	-.03049	-.00014	.00023	-.02190	.00021	-.00046
#3	.00002	.11081	-.00009	.00003	-.02126	.00013	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01341	.00006	-.00102	-.00306	.00047	-.00220	.00132
Stddev	.02805	.00013	.01139	.00187	.00093	.00026	.00096
%RSD	209.23	231.84	1113.0	60.873	197.84	11.591	72.858

#1	-.01288	.00006	.00124	-.00375	.00028	-.00219	.00229
#2	.01438	.00018	.00906	-.00449	.00149	-.00246	.00036
#3	-.04172	-.00008	-.01337	-.00095	-.00035	-.00195	.00131

Sample Name: CCB01 Acquired: 5/24/2019 12:56:50 Type: Unk
 Method: P4-ICP2(v3148) 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	.00138	.0010	.00004	F 2.0864	F<.00000
Stddev	.00175	.0024	.00006	.1139	.16540
%RSD	127.48	229.7	149.90	5.4581	51.396

#1	-.00052	.0021	.00008	1.9643	-.14218
#2	.00170	-.0017	-.00003	2.1052	-.46780
#3	.00294	.0027	.00006	2.1897	-.35545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.3	46296.	4139.5	42.187	3803.9
Stddev	12.7	206.	25.6	.988	13.0
%RSD	.35734	.44388	.61741	2.3418	.34284

#1	3535.9	46298.	4119.5	43.300	3795.2
#2	3559.7	46501.	4168.3	41.414	3818.9
#3	3540.3	46090.	4130.7	41.848	3797.5

Sample Name: LR CHECK 1 Acquired: 5/24/2019 13:02:45 Type: Unk
Method: P4-ICP2(v3148) 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	-.10437	.04598	-.08550	-.51166	.08268	1877.5	.01065	.06990
Stddev	.00406	.00420	.00367	.01579	.00122	14.3	.00047	.00004
%RSD	3.8935	9.1368	4.2976	3.0851	1.4730	.75980	4.4455	.05234

#1	-.09980	.04772	-.08656	-.49477	.08175	1866.6	.01027	.06986
#2	-.10576	.04119	-.08142	-.52604	.08406	1893.7	.01118	.06991
#3	-.10756	.04904	-.08853	-.51416	.08222	1872.3	.01050	.06993

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10603	1711.8	-.12216	.08818	.19350	974.00	-.01299	1844.5
Stddev	.00069	5.9	.00037	.00095	.00242	1.16	.00011	6.0
%RSD	.64607	.34728	.30024	1.0749	1.2505	.11873	.81028	.32720

#1	.10524	1715.0	-.12174	.08804	.19448	974.87	-.01286	1842.4
#2	.10639	1705.0	-.12235	.08919	.19075	974.43	-.01304	1851.3
#3	.10645	1715.5	-.12240	.08731	.19528	972.68	-.01306	1839.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07053	-.18045	1958.7	-.00612	.15644	997.36	-.02660	-2.1411
Stddev	.00174	.00113	23.4	.00079	.00104	10.15	.00067	.0463
%RSD	2.4663	.62404	1.1945	12.941	.66514	1.0175	2.5366	2.1634

#1	.06986	-.17973	1985.0	-.00699	.15523	1008.8	-.02738	-2.1430
#2	.06923	-.17987	1950.9	-.00596	.15704	989.47	-.02615	-2.0938
#3	.07251	-.18175	1940.2	-.00543	.15703	993.81	-.02627	-2.1864

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45558	.02161	.06546	-.05447	.08535	.1586	-1.0564	<.00000
Stddev	.00898	.00162	.00405	.00159	.00052	.0033	.0013	.06968
%RSD	1.9705	7.4802	6.1832	2.9156	.61257	2.088	.11913	1.1077

#1	.45357	.02327	.06601	-.05353	.08596	.1578	-1.0573	-6.2414
#2	.44777	.02004	.06920	-.05631	.08506	.1559	-1.0570	-6.2594
#3	.46539	.02151	.06116	-.05358	.08504	.1623	-1.0550	-6.3701

Sample Name: LR CHECK 1 Acquired: 5/24/2019 13:02:45 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.3	30433.	3525.0	33.629	1766.5
Stddev	4.4	22.	4.9	1.270	2.2
%RSD	.18927	.07296	.14018	3.7762	.12441

#1	2312.9	30412.	3521.6	33.016	1767.3
#2	2312.7	30431.	3522.7	32.782	1768.2
#3	2305.2	30456.	3530.7	35.089	1764.0

Sample Name: LR CHECK 2 Acquired: 5/24/2019 13:07:49 Type: Unk
Method: P4-ICP2(v3148) 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	-.00040	-.00519	244.53	.03064	-.03050	-.21316	91.125	-.00127
Stddev	.00143	.00167	.65	.00297	.00215	.00599	1.198	.00005
%RSD	354.25	32.140	.26418	9.6864	7.0507	2.8102	1.3143	3.6502

#1	-.00093	-.00676	245.22	.02802	-.03271	-.20836	90.937	-.00124
#2	.00122	-.00538	243.93	.03004	-.03036	-.21987	90.033	-.00125
#3	-.00150	-.00344	244.45	.03387	-.02842	-.21124	92.406	-.00132

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00626	.26235	-.13885	.00032	263.11	-.70526	43.720	-.01788
Stddev	.00013	.02064	.00037	.00026	1.53	.00456	.145	.02050
%RSD	2.1326	7.8675	.26964	83.444	.58037	.64684	.33117	114.63

#1	-.00611	.28565	-.13928	.00031	262.87	-.70152	43.802	-.01169
#2	-.00635	.24638	-.13868	.00058	261.72	-.70392	43.805	-.04077
#3	-.00634	.25501	-.13859	.00005	264.75	-.71035	43.553	-.00120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.132	.00749	.61803	-.10671	34.171	.93365	-.00720	.02093
Stddev	.159	.00013	.00723	.00036	.194	.02561	.00008	.01335
%RSD	.31149	1.7531	1.1705	.33508	.56848	2.7432	1.0962	63.779

#1	51.144	.00755	.61185	-.10650	34.157	.91548	-.00721	.02975
#2	50.967	.00734	.61627	-.10650	33.984	.92252	-.00711	.00557
#3	51.284	.00758	.62599	-.10712	34.372	.96294	-.00727	.02745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	-.00214	-.00100	.01805	-.00237	-3.161	.00245	4.8891
Stddev	.00721	.00337	.00034	.00151	.00092	.023	.00009	.2462
%RSD	153.88	157.19	33.976	8.3869	38.765	.7249	3.8180	5.0359

#1	-.00271	-.00389	-.00069	.01806	-.00207	-3.163	.00253	4.8042
#2	.00507	.00174	-.00096	.01654	-.00340	-3.137	.00235	5.1666
#3	.01170	-.00428	-.00136	.01957	-.00164	-3.183	.00247	4.6966

Sample Name: LR CHECK 2 Acquired: 5/24/2019 13:07:49 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3078
Stddev	.5595
%RSD	42.784

#1	1.0998
#2	.88207
#3	1.9416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3196.4	45206.	4106.8	41.330	3419.6
Stddev	7.8	151.	23.7	.235	9.8
%RSD	.24434	.33382	.57734	.56896	.28688

#1	3199.3	45331.	4114.8	41.223	3418.5
#2	3202.4	45038.	4080.2	41.600	3429.9
#3	3187.6	45248.	4125.5	41.168	3410.4

Sample Name: K3027-01 Acquired: 5/24/2019 13:22:04 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00033	.00072	.00056	.00134	.01544	.00267	.00004
Stddev	.00085	.00059	.00034	.00179	.00124	.00696	.00026	.00006
%RSD	105.29	179.46	47.417	321.39	93.032	45.074	9.7388	177.83

#1	.00091	.00012	.00086	-.00061	-.00004	.01069	.00246	.00008
#2	-.00009	-.00100	.00096	-.00034	.00168	.02343	.00296	-.00004
#3	.00160	-.00011	.00033	.00263	.00237	.01220	.00258	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.06665	.00056	.00011	.00095	.09438	.00287	-.02802
Stddev	.00002	.01001	.00013	.00013	.00030	.00072	.00001	.01618
%RSD	78.603	15.020	23.213	116.50	31.434	.76054	.17745	57.756

#1	.00003	.05530	.00062	.00005	.00125	.09400	.00287	-.04514
#2	.00000	.07046	.00041	.00002	.00097	.09521	.00287	-.02595
#3	.00002	.07420	.00064	.00025	.00065	.09394	.00286	-.01297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00014	.06170	.00034	.03887	.05002	-.00016	.00866
Stddev	.00016	.00013	.00637	.00021	.00013	.04022	.00026	.00591
%RSD	17.402	88.226	10.329	61.260	.33355	80.416	163.83	68.219

#1	.00083	.00029	.06906	.00013	.03872	.07393	-.00015	.00787
#2	.00111	.00009	.05816	.00035	.03893	.07254	-.00043	.01493
#3	.00083	.00006	.05788	.00055	.03896	.00358	.00010	.00319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24356	.02610	-.00329	-.00025	-.00356	.0042	.00005	1.9280
Stddev	.00139	.00070	.00014	.00128	.00136	.0008	.00004	.0984
%RSD	.56963	2.6814	4.3851	505.72	38.274	19.25	72.208	5.1047

#1	.24196	.02543	-.00319	-.00133	-.00322	.0035	.00007	1.8209
#2	.24440	.02682	-.00345	-.00059	-.00239	.0051	.00007	2.0145
#3	.24433	.02605	-.00322	.00117	-.00505	.0041	.00001	1.9485

Sample Name: K3027-01 Acquired: 5/24/2019 13:22:04 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .07904
 %RSD 37.292

#1 -.25531
 #2 -.12072
 #3 -.25982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.4	48197.	4444.0	45.084	3959.7
Stddev	6.2	122.	12.0	.939	9.8
%RSD	.17016	.25254	.27101	2.0826	.24644

#1	3622.8	48286.	4450.7	44.834	3968.5
#2	3618.7	48246.	4451.3	44.295	3961.4
#3	3610.7	48058.	4430.1	46.123	3949.2

Sample Name: K2643-09 Acquired: 5/24/2019 13:26:32 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02419	-.00863	.45424	-.01173	.00691	158.79	.88751	.01513
Stddev	.00079	.00142	.00284	.00530	.00136	.58	.00137	.00035
%RSD	3.2528	16.439	.62480	45.162	19.760	.36495	.15483	2.3041
#1	.02457	-.01011	.45188	-.01384	.00828	158.41	.88658	.01548
#2	.02471	-.00849	.45739	-.01566	.00556	158.49	.88686	.01478
#3	.02329	-.00729	.45346	-.00571	.00688	159.45	.88909	.01514
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	57.023	.18051	.13394	.31872	204.69	5.1968	56.573
Stddev	.00011	.401	.00025	.00051	.00077	.73	.0216	.351
%RSD	6.1264	.70404	.13683	.38288	.24239	.35511	.41546	.61994
#1	.00201	56.689	.18046	.13396	.31845	204.39	5.1854	56.168
#2	.00180	56.911	.18078	.13445	.31960	204.15	5.1832	56.791
#3	.00182	57.468	.18029	.13342	.31813	205.51	5.2217	56.759
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22052	-.00817	9.8815	.42703	.77627	13.804	.00169	.02879
Stddev	.00019	.00041	.0114	.00179	.00330	.038	.00021	.00373
%RSD	.08698	5.0758	.11562	.41861	.42507	.27492	12.191	12.961
#1	.22049	-.00776	9.8721	.42499	.78006	13.818	.00162	.02451
#2	.22034	-.00859	9.8781	.42774	.77404	13.762	.00192	.03137
#3	.22072	-.00816	9.8942	.42835	.77471	13.834	.00153	.03048
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1701	4.1091	.02034	3.6069	.15015	8.716	-.00874	<.00000
Stddev	.0185	.0328	.00054	.0103	.00093	.031	.00016	.37657
%RSD	.58406	.79900	2.6336	.28675	.61683	.3530	1.8454	7.1018
#1	3.1804	4.1164	.01981	3.6050	.14909	8.734	-.00862	-4.9716
#2	3.1487	4.0732	.02034	3.5977	.15054	8.681	-.00892	-5.2237
#3	3.1812	4.1376	.02088	3.6181	.15081	8.734	-.00869	-5.7123

Sample Name: K2643-09 Acquired: 5/24/2019 13:26:32 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 93.487
Stddev .738
%RSD .78928

#1 92.881
#2 94.309
#3 93.270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4201.5	54950.	5403.7	40.167	3236.0
Stddev	8.8	80.	31.4	.744	10.9
%RSD	.20856	.14623	.58140	1.8517	.33831

#1	4194.6	54963.	5421.1	39.474	3223.6
#2	4198.5	55023.	5422.6	40.953	3244.1
#3	4211.3	54864.	5367.5	40.073	3240.3

Sample Name: K2643-09DUP Acquired: 5/24/2019 13:31:03 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02421	-.00783	.45020	-.01161	.00637	159.56	.88748	.01526
Stddev	.00228	.00293	.00212	.00272	.00101	.42	.00119	.00038
%RSD	9.4133	37.429	.47100	23.407	15.813	.26354	.13353	2.4951
#1	.02182	-.00786	.45167	-.01475	.00753	159.77	.88665	.01567
#2	.02445	-.01075	.44777	-.01007	.00583	159.08	.88695	.01492
#3	.02636	-.00488	.45116	-.01002	.00574	159.84	.88883	.01519
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	57.045	.18082	.13367	.32002	204.66	5.2128	56.579
Stddev	.00007	.364	.00050	.00030	.00132	.36	.0091	.511
%RSD	3.7485	.63885	.27490	.22735	.41234	.17744	.17432	.90302
#1	.00173	56.790	.18103	.13364	.31909	204.84	5.2039	56.222
#2	.00184	56.882	.18026	.13339	.32153	204.91	5.2221	56.350
#3	.00185	57.462	.18119	.13400	.31944	204.25	5.2123	57.164
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22095	-.00797	9.8813	.42708	.76897	13.965	.00145	.00234
Stddev	.00035	.00012	.0262	.00165	.00116	.098	.00027	.00264
%RSD	.15693	1.4661	.26558	.38657	.15109	.69883	18.656	112.70
#1	.22077	-.00800	9.8725	.42635	.76906	14.076	.00115	.00513
#2	.22072	-.00784	9.8606	.42593	.76776	13.896	.00168	.00203
#3	.22135	-.00806	9.9108	.42897	.77008	13.922	.00151	-.00012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1660	4.0414	.01989	3.5916	.15186	8.703	-.00935	<.00000
Stddev	.0083	.0622	.00123	.0147	.00085	.019	.00148	.12716
%RSD	.26168	1.5383	6.1843	.41024	.55970	.2171	15.805	2.2943
#1	3.1639	4.0637	.01848	3.5962	.15284	8.716	-.00923	-5.6128
#2	3.1590	3.9712	.02049	3.5751	.15129	8.681	-.01089	-5.3958
#3	3.1752	4.0894	.02071	3.6034	.15146	8.711	-.00794	-5.6192

Sample Name: K2643-09DUP Acquired: 5/24/2019 13:31:03 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 94.319
Stddev	.992
%RSD	1.0521

#1	94.258
#2	93.358
#3	95.340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4216.8	54943.	5394.3	41.471	3241.3
Stddev	8.8	140.	18.9	1.447	5.1
%RSD	.20784	.25498	.35076	3.4900	.15790

#1	4226.6	54791.	5380.3	40.228	3243.3
#2	4209.9	54971.	5415.8	41.125	3245.1
#3	4213.8	55067.	5386.8	43.060	3235.5

Sample Name: K2643-09LX5 Acquired: 5/24/2019 13:35:34 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8246 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00782	.00129	.09024	.00390	.00168	37.679	.21320	.00364
Stddev	.00215	.00043	.00084	.00357	.00017	.327	.00279	.00008
%RSD	27.542	33.149	.93051	91.632	10.055	.86694	1.3077	2.2294

#1	.00910	.00128	.08983	.00039	.00165	37.359	.21018	.00370
#2	.00902	.00172	.09120	.00377	.00153	37.668	.21374	.00367
#3	.00533	.00087	.08968	.00754	.00187	38.012	.21568	.00355

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	14.593	.04480	.02711	.08265	59.422	1.3722	13.777
Stddev	.00008	.025	.00042	.00016	.00044	.388	.0025	.220
%RSD	3.8375	.17296	.94103	.59764	.53308	.65235	.17916	1.5933

#1	-.00192	14.613	.04515	.02705	.08315	58.995	1.3694	13.542
#2	-.00207	14.601	.04492	.02729	.08246	59.751	1.3737	13.812
#3	-.00198	14.564	.04433	.02698	.08234	59.521	1.3735	13.977

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04392	-.00113	2.4036	.10521	.14717	3.3602	-.00014	.02125
Stddev	.00035	.00050	.0330	.00067	.00026	.0357	.00013	.00518
%RSD	.79706	43.981	1.3745	.63334	.17963	1.0615	93.416	24.375

#1	.04355	-.00106	2.3655	.10585	.14713	3.3290	-.00013	.01579
#2	.04425	-.00166	2.4204	.10526	.14746	3.3524	-.00001	.02609
#3	.04395	-.00067	2.4248	.10452	.14694	3.3991	-.00028	.02188

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62018	1.0782	.00218	.89646	.03806	1.747	-.01082	1.0840
Stddev	.00399	.0268	.00100	.00291	.00101	.006	.00070	.1387
%RSD	.64283	2.4898	45.989	.32416	2.6567	.3204	6.4692	12.793

#1	.61670	1.1089	.00155	.89957	.03810	1.741	-.01006	1.2211
#2	.61931	1.0669	.00165	.89600	.03703	1.752	-.01143	.94379
#3	.62453	1.0589	.00334	.89382	.03905	1.748	-.01098	1.0871

Sample Name: K2643-09LX5 Acquired: 5/24/2019 13:35:34 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8246 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.790
Stddev	.119
%RSD	.54477

#1	21.674
#2	21.786
#3	21.911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.3	48011.	4461.8	41.248	3573.5
Stddev	19.7	101.	54.4	.627	11.8
%RSD	.53179	.21095	1.2199	1.5206	.33106

#1	3693.1	48126.	4401.6	41.565	3573.2
#2	3724.9	47971.	4476.1	40.526	3585.6
#3	3688.9	47936.	4507.6	41.654	3561.9

Sample Name: K2643-09MS Acquired: 5/24/2019 13:40:00 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64246	1.9910	1.4798	1.5321	.12190	168.66	1.0153	.18291
Stddev	.00246	.0051	.0058	.0086	.00220	.90	.0069	.00009
%RSD	.38323	.25750	.39454	.55940	1.8087	.53464	.68051	.04662
#1	.63985	1.9851	1.4753	1.5236	.11965	167.63	1.0074	.18301
#2	.64475	1.9937	1.4864	1.5407	.12406	169.32	1.0201	.18284
#3	.64279	1.9943	1.4777	1.5321	.12198	169.03	1.0185	.18289
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20260	58.363	.50081	.33899	.57506	210.85	5.2208	68.399
Stddev	.00122	.286	.00175	.00047	.00276	.64	.0364	.697
%RSD	.59976	.48977	.34911	.13742	.48051	.30185	.69758	1.0196
#1	.20300	58.643	.50241	.33854	.57243	210.25	5.2043	67.599
#2	.20124	58.071	.49894	.33895	.57794	210.79	5.2625	68.880
#3	.20357	58.376	.50108	.33947	.57481	211.51	5.1955	68.719
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73774	.05340	12.554	.65762	.98870	19.714	.29637	.28372
Stddev	.00103	.00032	.063	.00170	.00374	.107	.00210	.01392
%RSD	.13964	.60504	.50130	.25791	.37823	.54147	.70858	4.9068
#1	.73663	.05310	12.485	.65724	.99034	19.594	.29462	.29838
#2	.73795	.05374	12.607	.65615	.98442	19.751	.29870	.28210
#3	.73866	.05335	12.571	.65947	.99135	19.797	.29579	.27068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6360	3.4447	.67091	3.4232	.33160	F 14.11	.13969	<.00000
Stddev	.0184	.0514	.00228	.0090	.00114	.04	.00180	.26130
%RSD	.50552	1.4914	.34053	.26368	.34300	.2874	1.2908	5.8710
#1	3.6262	3.4995	.67067	3.4136	.33121	14.12	.14151	-4.7095
#2	3.6246	3.4370	.66875	3.4245	.33071	14.06	.13965	-4.4557
#3	3.6572	3.3976	.67330	3.4315	.33288	14.14	.13790	-4.1869

Sample Name: K2643-09MS Acquired: 5/24/2019 13:40:00 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 93.433
Stddev	.879
%RSD	.94118

#1	93.765
#2	94.098
#3	92.436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4161.0	54536.	5289.5	41.924	3215.5
Stddev	14.9	85.	34.2	.717	10.9
%RSD	.35914	.15605	.64632	1.7099	.33853

#1	4178.1	54625.	5250.8	41.446	3219.8
#2	4150.6	54527.	5315.5	41.578	3223.6
#3	4154.2	54456.	5302.3	42.749	3203.1

Sample Name: K2643-09MSD Acquired: 5/24/2019 13:44:25 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64665	2.0029	1.4871	1.5365	.12122	168.37	1.0165	.18335
Stddev	.00351	.0036	.0028	.0056	.00404	.73	.0044	.00038
%RSD	.54332	.17885	.18902	.36597	3.3361	.43493	.43360	.20890
#1	.65038	2.0001	1.4896	1.5336	.12389	167.55	1.0114	.18379
#2	.64616	2.0016	1.4840	1.5429	.12319	168.62	1.0195	.18321
#3	.64341	2.0069	1.4876	1.5328	.11657	168.95	1.0185	.18306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20302	57.261	.50173	.33952	.58993	208.11	5.1792	66.332
Stddev	.00185	.204	.00098	.00068	.00452	.23	.0430	.601
%RSD	.91248	.35698	.19622	.20159	.76666	.10964	.83005	.90574
#1	.20321	57.080	.50133	.34021	.59066	208.37	5.1330	65.685
#2	.20108	57.483	.50101	.33884	.59405	208.03	5.1866	66.872
#3	.20477	57.221	.50285	.33952	.58509	207.94	5.2180	66.439
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74121	.05429	12.524	.65757	.98559	19.756	.29712	.26727
Stddev	.00139	.00043	.071	.00089	.00760	.063	.00110	.01340
%RSD	.18708	.79411	.56395	.13587	.77108	.31702	.37155	5.0150
#1	.74257	.05472	12.451	.65858	.98734	19.685	.29724	.28239
#2	.73980	.05430	12.592	.65727	.97727	19.802	.29815	.26255
#3	.74126	.05386	12.529	.65687	.99217	19.783	.29596	.25686
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4947	3.7777	.67281	3.4480	.33195	F 14.13	.14067	<.00000
Stddev	.0154	.0149	.00391	.0251	.00234	.13	.00056	.20818
%RSD	.44105	.39382	.58113	.72861	.70419	.9354	.39726	4.5176
#1	3.5105	3.7932	.67722	3.4207	.33287	14.12	.14028	-4.5068
#2	3.4939	3.7636	.67142	3.4530	.32929	13.99	.14131	-4.4703
#3	3.4797	3.7764	.66978	3.4702	.33369	14.26	.14041	-4.8477

Sample Name: K2643-09MSD Acquired: 5/24/2019 13:44:25 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 93.378
Stddev	.249
%RSD	.26702

#1	93.553
#2	93.092
#3	93.488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4184.3	54635.	5309.6	40.501	3243.5
Stddev	9.2	42.	15.9	1.590	28.0
%RSD	.21944	.07627	.29981	3.9255	.86409

#1	4175.5	54670.	5291.9	40.777	3234.2
#2	4193.9	54647.	5314.5	41.935	3275.0
#3	4183.5	54589.	5322.6	38.791	3221.2

Sample Name: K2643-09A Acquired: 5/24/2019 13:48:52 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8246 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64964	2.0169	1.4964	1.5429	.12121	168.06	1.0210	.18415
Stddev	.00263	.0068	.0030	.0026	.00184	1.04	.0062	.00105
%RSD	.40459	.33683	.20169	.16978	1.5141	.61999	.60829	.56968
#1	.64850	2.0248	1.4980	1.5428	.11963	167.26	1.0155	.18353
#2	.65265	2.0130	1.4983	1.5456	.12322	167.67	1.0198	.18357
#3	.64778	2.0130	1.4929	1.5403	.12078	169.24	1.0277	.18536
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20439	56.911	.50108	.34045	.59514	205.98	5.1178	64.567
Stddev	.00019	.109	.00228	.00110	.00184	1.07	.0242	.324
%RSD	.09215	.19163	.45548	.32262	.30894	.51853	.47230	.50239
#1	.20437	56.835	.50363	.34075	.59456	204.99	5.1007	64.195
#2	.20422	56.862	.50037	.34136	.59720	205.84	5.1072	64.791
#3	.20459	57.036	.49923	.33923	.59366	207.12	5.1454	64.714
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74478	.05389	12.458	.65813	.99300	19.789	.29640	.26837
Stddev	.00233	.00017	.033	.00216	.00050	.101	.00107	.00160
%RSD	.31237	.31341	.26564	.32895	.05050	.51202	.36073	.59789
#1	.74700	.05371	12.434	.65969	.99283	19.674	.29561	.26652
#2	.74496	.05403	12.443	.65904	.99261	19.831	.29762	.26942
#3	.74236	.05395	12.496	.65565	.99357	19.862	.29598	.26915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3733	3.8293	.67459	3.4802	.33201	F 14.27	.14448	<.00000
Stddev	.0089	.0311	.00091	.0165	.00240	.02	.00107	.27054
%RSD	.26309	.81207	.13422	.47467	.72353	.1214	.74363	5.8660
#1	3.3674	3.8516	.67381	3.4961	.33408	14.25	.14546	-4.4826
#2	3.3835	3.8424	.67558	3.4816	.32938	14.27	.14333	-4.4305
#3	3.3689	3.7937	.67438	3.4631	.33256	14.28	.14465	-4.9230

Sample Name: K2643-09A Acquired: 5/24/2019 13:48:52 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8246 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 92.765
Stddev .426
%RSD .45973

#1 92.284
#2 92.915
#3 93.097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4193.4	54973.	5296.9	40.868	3234.1
Stddev	5.8	78.	31.1	.218	3.0
%RSD	.13791	.14257	.58696	.53269	.09395

#1	4199.0	54883.	5261.0	40.929	3234.3
#2	4187.4	55014.	5316.6	41.049	3237.1
#3	4193.8	55023.	5312.9	40.627	3231.0

Sample Name: K2643-11 Acquired: 5/24/2019 13:53:19 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03203	-.00928	.71036	-.01476	.00745	145.06	1.1673	.01690
Stddev	.00241	.00035	.00032	.00199	.00115	.57	.0070	.00012
%RSD	7.5094	3.7790	.04561	13.467	15.479	.38957	.60186	.71190
#1	.03102	-.00925	.71041	-.01325	.00647	144.61	1.1645	.01695
#2	.03478	-.00894	.71065	-.01403	.00872	145.70	1.1753	.01698
#3	.03030	-.00964	.71001	-.01701	.00717	144.88	1.1621	.01676
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	79.348	.21034	.14088	.36291	205.93	6.4417	55.175
Stddev	.00013	.167	.00073	.00014	.00055	.92	.0210	.273
%RSD	4.4099	.21054	.34666	.09862	.15189	.44812	.32645	.49389
#1	.00315	79.185	.21118	.14102	.36343	204.88	6.4332	55.095
#2	.00296	79.519	.20990	.14088	.36233	206.62	6.4657	55.478
#3	.00290	79.339	.20995	.14074	.36298	206.28	6.4263	54.951
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25349	-.00803	12.622	.40150	1.0916	14.379	.00089	-.01089
Stddev	.00090	.00010	.063	.00160	.0009	.025	.00021	.01896
%RSD	.35446	1.2927	.49654	.39837	.08617	.17168	23.730	174.04
#1	.25302	-.00807	12.619	.40069	1.0926	14.351	.00077	-.02749
#2	.25293	-.00792	12.686	.40047	1.0908	14.390	.00113	.00977
#3	.25453	-.00812	12.560	.40334	1.0914	14.396	.00076	-.01495
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1790	3.5225	.04387	3.7638	.17905	9.283	.09207	<.00000
Stddev	.0171	.0567	.00123	.0004	.00138	.018	.00123	.04959
%RSD	.40905	1.6098	2.7959	.01091	.76896	.1991	1.3372	.94073
#1	4.1727	3.5177	.04341	3.7643	.17795	9.268	.09278	-5.2298
#2	4.1983	3.4684	.04527	3.7636	.17860	9.303	.09278	-5.2593
#3	4.1659	3.5815	.04295	3.7635	.18060	9.277	.09064	-5.3266

Sample Name: K2643-11 Acquired: 5/24/2019 13:53:19 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 96.116
Stddev	.633
%RSD	.65874

#1	96.761
#2	95.496
#3	96.089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4249.7	55798.	5496.7	41.100	3209.6
Stddev	7.5	33.	14.0	1.075	6.1
%RSD	.17690	.05871	.25436	2.6148	.19050

#1	4252.2	55820.	5489.1	42.167	3212.1
#2	4241.2	55760.	5512.8	41.114	3202.6
#3	4255.6	55813.	5488.2	40.018	3214.1

Sample Name: CCV02 Acquired: 5/24/2019 13:57:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0595	5.1228	5.0619	5.0673	5.0472	9.8312	9.9261	.25579
Stddev	.0127	.0041	.0026	.0180	.0162	.0422	.0589	.00048
%RSD	.25067	.07917	.05174	.35474	.32049	.42885	.59350	.18895
#1	5.0741	5.1267	5.0648	5.0880	5.0655	9.7921	9.9353	.25562
#2	5.0519	5.1186	5.0598	5.0575	5.0347	9.8255	9.8631	.25541
#3	5.0524	5.1229	5.0610	5.0562	5.0415	9.8759	9.9799	.25633
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5207	25.745	1.0191	2.5303	1.2788	5.1274	2.5919	25.017
Stddev	.0012	.247	.0020	.0031	.0002	.0118	.0040	.308
%RSD	.04724	.95919	.19474	.12087	.01580	.23032	.15398	1.2320
#1	2.5212	25.465	1.0207	2.5299	1.2791	5.1393	2.5953	24.675
#2	2.5194	25.838	1.0197	2.5275	1.2788	5.1157	2.5875	25.102
#3	2.5216	25.932	1.0168	2.5336	1.2787	5.1271	2.5928	25.273
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5254	1.2715	24.708	2.5553	2.5277	24.407	5.0966	4.8809
Stddev	.0018	.0016	.136	.0008	.0012	.070	.0063	.0352
%RSD	.07249	.12602	.54933	.03084	.04589	.28877	.12416	.72127
#1	2.5274	1.2697	24.559	2.5562	2.5285	24.355	5.1034	4.8455
#2	2.5239	1.2728	24.739	2.5550	2.5263	24.378	5.0909	4.8813
#3	2.5248	1.2720	24.825	2.5548	2.5282	24.487	5.0957	4.9159
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9927	5.0709	5.0596	5.1103	5.0304	5.106	5.1410	F 4.3018
Stddev	.0184	.0243	.0022	.0328	.0296	.012	.0201	.2738
%RSD	.36748	.47915	.04319	.64286	.58766	.2318	.39026	6.3649
#1	5.0075	5.0715	5.0621	5.0724	5.0456	5.120	5.1259	4.6068
#2	4.9722	5.0949	5.0581	5.1276	5.0493	5.101	5.1638	4.2216
#3	4.9983	5.0463	5.0585	5.1310	4.9963	5.098	5.1335	4.0771

Sample Name: CCV02 Acquired: 5/24/2019 13:57:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15014 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0228
Stddev	.6014
%RSD	19.894

#1	3.4132
#2	3.3249
#3	2.3303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.2	44839.	4179.1	39.676	3370.5
Stddev	7.5	99.	16.3	1.136	4.0
%RSD	.22042	.22060	.38964	2.8634	.11986

#1	3399.7	44753.	4167.5	38.509	3366.7
#2	3410.9	44947.	4172.1	39.742	3370.0
#3	3414.0	44817.	4197.7	40.778	3374.8

Sample Name: CCB02 Acquired: 5/24/2019 14:01:59 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00186	.00010	.00191	.00092	-.00975	.00064	.00007
Stddev	.00183	.00055	.00022	.00221	.00098	.00721	.00020	.00003
%RSD	169.45	29.336	217.86	115.66	107.45	73.912	30.750	39.783
#1	-.00151	.00241	.00020	.00201	.00202	-.00964	.00058	.00009
#2	-.00266	.00186	-.00015	.00407	.00015	-.01701	.00048	.00004
#3	.00093	.00132	.00026	-.00035	.00057	-.00260	.00086	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00278	-.00016	-.00005	-.00001	.00043	.00002	.01151
Stddev	.00008	.01021	.00034	.00010	.00016	.00036	.00001	.03615
%RSD	238.86	367.72	218.96	193.24	1393.3	82.002	64.876	314.01
#1	-.00005	-.00183	-.00035	.00006	-.00007	.00085	.00001	-.02994
#2	.00012	-.00432	-.00035	-.00012	.00017	.00021	.00003	.02799
#3	.00003	.01448	.00024	-.00009	-.00013	.00025	.00003	.03649
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00040	.02549	.00031	.00001	.03464	.00024	.00917
Stddev	.00038	.00021	.00432	.00033	.00005	.01979	.00020	.01003
%RSD	189.76	52.656	16.940	105.77	783.01	57.135	82.964	109.36
#1	.00002	-.00046	.03032	.00031	.00004	.03333	.00028	.00108
#2	.00002	-.00017	.02415	.00064	.00003	.01553	.00042	.02040
#3	-.00064	-.00058	.02200	-.00002	-.00005	.05505	.00003	.00605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	.00214	-.00070	-.00040	.00128	.0012	.00016	F 2.0442
Stddev	.00143	.00135	.00050	.00140	.00095	.0007	.00013	.0838
%RSD	64.057	63.035	72.265	349.77	74.371	55.67	77.483	4.0987
#1	.00074	.00137	-.00012	.00105	.00237	.0008	.00029	2.0669
#2	.00238	.00369	-.00100	-.00174	.00086	.0020	.00016	1.9515
#3	.00360	.00135	-.00097	-.00052	.00061	.0009	.00004	2.1144

Sample Name: CCB02 Acquired: 5/24/2019 14:01:59 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15014 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .32233
Stddev	.53686
%RSD	166.55

#1	.46914
#2	-.27266
#3	.77052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.5	46868.	4204.9	40.908	3821.0
Stddev	18.9	122.	14.4	1.080	10.1
%RSD	.52927	.26034	.34226	2.6392	.26380

#1	3551.9	46770.	4217.1	42.148	3813.8
#2	3581.2	46828.	4208.5	40.398	3816.6
#3	3587.3	47004.	4189.0	40.177	3832.5

Sample Name: K3011-01 Acquired: 5/24/2019 14:06:29 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390506740 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02411	-.00507	.13984	.03153	.00804	17.922	1.4422	.00467
Stddev	.00357	.00041	.00134	.00179	.00060	.020	.0054	.00005
%RSD	14.811	8.1545	.95505	5.6625	7.4141	.10942	.37684	1.0528
#1	.02701	-.00537	.13830	.03214	.00755	17.909	1.4360	.00472
#2	.02519	-.00460	.14047	.02952	.00871	17.944	1.4462	.00463
#3	.02012	-.00525	.14073	.03293	.00788	17.912	1.4445	.00465
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00784	82.627	.07241	.01494	2.2753	62.276	.38746	14.419
Stddev	.00008	.419	.00052	.00030	.0059	.354	.00097	.094
%RSD	.98645	.50751	.71312	1.9771	.26114	.56847	.25082	.65047
#1	.00782	82.166	.07300	.01506	2.2790	62.526	.38838	14.352
#2	.00792	82.731	.07213	.01516	2.2785	61.871	.38756	14.378
#3	.00777	82.985	.07209	.01461	2.2684	62.431	.38644	14.526
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06667	.01042	7.3965	.03588	4.5077	11.878	.03905	.07295
Stddev	.00056	.00035	.0241	.00045	.0029	.052	.00024	.01373
%RSD	.84337	3.3958	.32533	1.2441	.06383	.43706	.62375	18.827
#1	.06693	.01025	7.3717	.03602	4.5098	11.905	.03885	.08834
#2	.06602	.01018	7.4198	.03625	4.5088	11.819	.03897	.06853
#3	.06706	.01083	7.3980	.03538	4.5044	11.911	.03932	.06196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.472	1.4482	.09525	.50555	.00788	F 60.07	.29928	2.3673
Stddev	.124	.0199	.00072	.00458	.00045	.12	.00136	.0569
%RSD	.25115	1.3725	.75412	.90597	5.6984	.2015	.45555	2.4046
#1	49.450	1.4708	.09607	.50275	.00763	60.12	.29771	2.3472
#2	49.360	1.4405	.09473	.50306	.00839	59.94	.30019	2.4315
#3	49.606	1.4334	.09495	.51084	.00760	60.16	.29994	2.3231

Sample Name: K3011-01 Acquired: 5/24/2019 14:06:29 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390506740 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.843
Stddev	.574
%RSD	2.6286

#1	21.199
#2	22.302
#3	22.029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3484.6	46886.	4513.2	43.027	3477.6
Stddev	5.9	182.	12.5	.836	3.1
%RSD	.16841	.38920	.27621	1.9420	.08947

#1	3484.2	46679.	4498.9	43.228	3481.2
#2	3479.0	46955.	4521.4	42.109	3475.5
#3	3490.7	47024.	4519.3	43.743	3476.1

Sample Name: K3012-01 Acquired: 5/24/2019 14:10:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390508703 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	-.00242	.07775	.01063	.00190	14.866	.45853	.00154
Stddev	.00172	.00114	.00052	.00109	.00118	.076	.00269	.00007
%RSD	94.055	47.200	.66923	10.295	62.228	.50842	.58630	4.5238
#1	.00015	-.00373	.07835	.01187	.00068	14.862	.45566	.00160
#2	.00358	-.00171	.07744	.00981	.00198	14.793	.45894	.00146
#3	.00175	-.00180	.07745	.01021	.00304	14.944	.46099	.00155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	23.366	.04160	.00539	.82473	18.258	.35479	6.6848
Stddev	.00005	.060	.00041	.00005	.00122	.010	.00051	.1200
%RSD	1.7988	.25844	.98906	.90696	.14794	.05549	.14479	1.7957
#1	.00272	23.367	.04191	.00535	.82450	18.252	.35512	6.5866
#2	.00274	23.426	.04113	.00545	.82605	18.253	.35506	6.6493
#3	.00282	23.305	.04175	.00538	.82365	18.270	.35420	6.8187
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02863	.00497	2.4659	.01106	1.1860	2.0512	.00943	.02818
Stddev	.00014	.00028	.0161	.00008	.0065	.0172	.00037	.00713
%RSD	.47808	5.5851	.65171	.73220	.54739	.83687	3.9176	25.299
#1	.02855	.00473	2.4556	.01114	1.1907	2.0436	.00907	.02308
#2	.02878	.00491	2.4578	.01106	1.1887	2.0391	.00981	.03632
#3	.02854	.00527	2.4845	.01097	1.1786	2.0708	.00941	.02512
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.658	1.3731	.03279	.16318	-.00059	F 21.90	.09634	1.5702
Stddev	.100	.0119	.00052	.00494	.00047	.14	.00029	.2571
%RSD	.53652	.86337	1.5891	3.0268	80.777	.6289	.29980	16.374
#1	18.731	1.3596	.03295	.16196	-.00012	21.99	.09602	1.5547
#2	18.698	1.3782	.03221	.16862	-.00106	21.96	.09642	1.8347
#3	18.544	1.3816	.03322	.15897	-.00058	21.74	.09658	1.3212

Sample Name: K3012-01 Acquired: 5/24/2019 14:10:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390508703 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1260
Stddev	.2435
%RSD	3.9755

#1	6.3602
#2	6.1436
#3	5.8741

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.4	47963.	4545.9	43.989	3722.3
Stddev	26.3	147.	6.7	.265	26.3
%RSD	.72759	.30658	.14682	.60133	.70573

#1	3603.9	48054.	4549.2	43.961	3704.2
#2	3604.5	48043.	4538.2	44.266	3710.1
#3	3649.8	47794.	4550.3	43.739	3752.4

Sample Name: K3013-01 Acquired: 5/24/2019 14:15:11 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390508717.2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	-.00041	.04083	.00466	.00326	4.2257	.29195	.00077
Stddev	.00125	.00132	.00072	.00243	.00080	.0234	.00026	.00002
%RSD	42.557	325.53	1.7549	52.059	24.471	.55438	.09006	2.1021

#1	.00190	-.00171	.04162	.00727	.00417	4.2035	.29225	.00079
#2	.00431	-.00043	.04065	.00247	.00293	4.2502	.29185	.00076
#3	.00257	.00093	.04022	.00424	.00268	4.2234	.29175	.00077

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	14.299	.01739	.00167	.32025	13.155	.13234	1.5426
Stddev	.00005	.075	.00061	.00013	.00043	.026	.00041	.0374
%RSD	20.307	.52256	3.4838	7.9925	.13423	.19983	.30776	2.4233

#1	.00027	14.233	.01782	.00152	.31991	13.133	.13192	1.5057
#2	.00019	14.380	.01670	.00171	.32010	13.148	.13237	1.5804
#3	.00021	14.283	.01765	.00177	.32073	13.184	.13274	1.5418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00934	.00218	3.3711	.00897	.62362	1.5799	.00693	.01446
Stddev	.00015	.00028	.0374	.00008	.00155	.0512	.00040	.00345
%RSD	1.6037	12.762	1.1108	.83707	.24803	3.2377	5.7297	23.866

#1	.00918	.00239	3.3455	.00904	.62375	1.5568	.00647	.01048
#2	.00935	.00227	3.4141	.00897	.62201	1.6386	.00709	.01628
#3	.00948	.00186	3.3538	.00889	.62509	1.5444	.00722	.01661

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7115	1.2541	.01427	.12657	-.00095	8.924	.05560	.78914
Stddev	.0287	.0168	.00047	.00243	.00127	.024	.00026	.04090
%RSD	.37210	1.3399	3.2884	1.9191	134.29	.2727	.47014	5.1822

#1	7.7395	1.2694	.01381	.12733	-.00203	8.952	.05536	.76564
#2	7.7130	1.2361	.01426	.12385	.00045	8.913	.05588	.76542
#3	7.6821	1.2569	.01475	.12852	-.00126	8.907	.05555	.83636

Sample Name: K3013-01 Acquired: 5/24/2019 14:15:11 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390508717.2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5408
Stddev	.3194
%RSD	7.0329

#1	4.2649
#2	4.4669
#3	4.8906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.4	47673.	4433.3	44.191	3779.4
Stddev	10.4	62.	18.1	1.132	9.5
%RSD	.28709	.12971	.40887	2.5612	.25156

#1	3603.3	47744.	4428.1	45.089	3781.2
#2	3617.9	47633.	4453.4	44.564	3787.9
#3	3597.9	47641.	4418.3	42.920	3769.1

Sample Name: K3019-01 Acquired: 5/24/2019 14:19:28 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3422 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04619	.00271	.14129	-.01573	.00721	421.57	1.3731	.01456
Stddev	.00239	.00213	.00079	.00607	.00007	1.20	.0022	.00022
%RSD	5.1731	78.669	.55926	38.569	.93621	.28550	.16190	1.5439

#1	.04836	.00351	.14220	-.01383	.00713	420.60	1.3715	.01461
#2	.04363	.00433	.14086	-.01084	.00725	422.92	1.3756	.01475
#3	.04659	.00029	.14081	-.02252	.00724	421.18	1.3720	.01431

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00410	2.3126	.25887	.07557	.13065	213.02	.50049	8.0633
Stddev	.00005	.0215	.00083	.00025	.00139	.40	.00080	.0640
%RSD	1.2101	.92868	.32014	.33196	1.0668	.18589	.16077	.79377

#1	-.00406	2.3023	.25943	.07561	.12938	212.83	.50079	8.1111
#2	-.00415	2.3373	.25792	.07530	.13042	213.47	.50110	8.0882
#3	-.00409	2.2982	.25926	.07580	.13214	212.75	.49958	7.9906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16441	-.00728	3.4971	.41746	.35765	6.7144	-.00050	-.03084
Stddev	.00071	.00021	.0097	.00062	.00161	.0482	.00039	.01182
%RSD	.43309	2.8359	.27855	.14744	.45078	.71743	78.177	38.316

#1	.16400	-.00735	3.4981	.41710	.35841	6.7663	-.00005	-.03785
#2	.16399	-.00744	3.4869	.41817	.35873	6.7056	-.00067	-.03748
#3	.16523	-.00704	3.5063	.41710	.35579	6.6712	-.00079	-.01720

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3251	3.2065	.01586	2.1799	.05479	3.547	-.20562	<.00000
Stddev	.0054	.0247	.00084	.0076	.00126	.011	.00035	.33361
%RSD	.40725	.76994	5.2827	.34693	2.3007	.3101	.17044	19.152

#1	1.3212	3.1862	.01614	2.1747	.05366	3.548	-.20560	-1.8523
#2	1.3312	3.2340	.01652	2.1763	.05615	3.535	-.20597	-1.3671
#3	1.3227	3.1995	.01491	2.1885	.05457	3.557	-.20527	-2.0063

Sample Name: K3019-01 Acquired: 5/24/2019 14:19:28 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3422 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	80.455
Stddev	.177
%RSD	.22050

#1	80.496
#2	80.261
#3	80.609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3786.8	48017.	4851.3	41.149	3326.1
Stddev	3.6	97.	16.3	2.265	13.9
%RSD	.09630	.20151	.33566	5.5054	.41687

#1	3790.9	47926.	4869.8	39.318	3316.4
#2	3783.9	48006.	4838.9	40.447	3319.9
#3	3785.5	48118.	4845.3	43.683	3342.0

Sample Name: K3019-04 Acquired: 5/24/2019 14:23:55 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03008	.00162	.11977	-.00703	.00697	357.00	.69162	.00951
Stddev	.00413	.00171	.00103	.00175	.00282	3.00	.00467	.00017
%RSD	13.738	105.74	.85948	24.949	40.415	.83919	.67579	1.7634

#1	.03037	.00074	.11858	-.00783	.00489	355.02	.68788	.00932
#2	.02581	.00359	.12027	-.00502	.01018	355.55	.69013	.00959
#3	.03405	.00052	.12044	-.00824	.00585	360.45	.69686	.00963

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	1.6152	.22954	.08055	.12309	146.35	.98278	13.583
Stddev	.00005	.0206	.00112	.00018	.00081	.28	.00162	.150
%RSD	1.3337	1.2737	.48715	.22740	.66024	.19237	.16488	1.1012

#1	-.00416	1.6103	.23055	.08040	.12335	146.24	.98161	13.412
#2	-.00405	1.6378	.22834	.08075	.12373	146.15	.98463	13.688
#3	-.00413	1.5975	.22972	.08048	.12217	146.67	.98211	13.650

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11357	-.00330	3.0949	.38007	.33536	9.6561	-.00128	-.00125
Stddev	.00101	.00049	.0184	.00059	.00047	.0644	.00018	.00666
%RSD	.88997	14.804	.59321	.15449	.13877	.66735	14.144	532.37

#1	.11269	-.00284	3.0762	.38014	.33486	9.6137	-.00119	-.00023
#2	.11467	-.00381	3.0957	.38061	.33545	9.6244	-.00116	.00484
#3	.11333	-.00324	3.1128	.37944	.33578	9.7302	-.00149	-.00836

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84952	4.7308	.01455	2.5846	.07469	2.032	-.13763	.34900
Stddev	.00375	.0464	.00018	.0065	.00061	.006	.00021	.09008
%RSD	.44169	.98192	1.2419	.25193	.82093	.2791	.15053	25.810

#1	.84767	4.7595	.01457	2.5792	.07476	2.033	-.13749	.45298
#2	.85384	4.7557	.01472	2.5827	.07405	2.026	-.13752	.29895
#3	.84706	4.6772	.01436	2.5918	.07527	2.038	-.13786	.29505

Sample Name: K3019-04 Acquired: 5/24/2019 14:23:55 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	51.122
Stddev	.901
%RSD	1.7625

#1	50.666
#2	52.159
#3	50.539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.2	47142.	4745.4	41.472	3378.1
Stddev	22.2	199.	19.2	.348	5.2
%RSD	.59719	.42244	.40406	.83813	.15525

#1	3698.5	47208.	4723.3	41.095	3377.2
#2	3696.4	47299.	4756.2	41.541	3373.3
#3	3735.7	46918.	4756.8	41.779	3383.7

Sample Name: K3019-07 Acquired: 5/24/2019 14:28:22 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-1465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08179	-.01656	.42749	-.08040	.01626	484.42	4.5169	.04235
Stddev	.00211	.00068	.00269	.00473	.00044	2.41	.0300	.00014
%RSD	2.5774	4.0894	.62960	5.8779	2.6886	.49713	.66438	.33216

#1	.07975	-.01599	.42474	-.08012	.01599	483.88	4.5158	.04245
#2	.08396	-.01731	.43012	-.08526	.01676	487.05	4.5475	.04219
#3	.08166	-.01638	.42761	-.07582	.01602	482.32	4.4875	.04240

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03089	31.861	.62337	.41211	.69247	352.64	12.597	100.84
Stddev	.00025	.128	.00129	.00126	.00061	1.46	.049	.50
%RSD	.81924	.40290	.20712	.30660	.08782	.41458	.38701	.50049

#1	.03070	31.879	.62216	.41108	.69219	353.46	12.542	100.69
#2	.03080	31.725	.62473	.41173	.69205	353.51	12.613	101.41
#3	.03118	31.980	.62322	.41352	.69317	350.95	12.636	100.43

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99331	-.03147	5.2698	.88138	1.9403	39.563	-.00156	-.33520
Stddev	.00033	.00018	.0580	.00175	.0012	.188	.00015	.01862
%RSD	.03275	.57824	1.1000	.19839	.05918	.47413	9.4567	5.5535

#1	.99364	-.03130	5.2532	.87952	1.9393	39.531	-.00148	-.31574
#2	.99330	-.03145	5.3342	.88299	1.9400	39.764	-.00173	-.35283
#3	.99299	-.03166	5.2219	.88162	1.9415	39.393	-.00147	-.33704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2738	4.9169	.04777	5.3013	.51729	F 10.97	-.07969	<.00000
Stddev	.0121	.0165	.00160	.0354	.00174	.02	.00318	.40750
%RSD	.95024	.33575	3.3555	.66735	.33675	.1377	3.9914	2.8816

#1	1.2868	4.9286	.04623	5.3332	.51692	10.99	-.07974	-14.525
#2	1.2718	4.8980	.04943	5.2633	.51576	10.98	-.08284	-13.714
#3	1.2628	4.9240	.04766	5.3075	.51919	10.96	-.07648	-14.186

Sample Name: K3019-07 Acquired: 5/24/2019 14:28:22 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-1465 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4786.9	61588.	6438.2	39.824	2874.4
Stddev	8.5	209.	55.6	1.352	4.5
%RSD	.17821	.33976	.86293	3.3949	.15695

#1	4777.5	61568.	6418.2	41.297	2869.3
#2	4794.2	61389.	6501.0	39.539	2875.9
#3	4789.1	61807.	6395.4	38.638	2878.0

Sample Name: K3026-03 Acquired: 5/24/2019 14:32:54 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12152	.00337	1.4425	-.08708	.00197	58.816	3.6735	.03147
Stddev	.00177	.00185	.0065	.00177	.00133	.248	.0224	.00028
%RSD	1.4529	54.933	.45082	2.0327	67.343	.42086	.60963	.90507
#1	.12016	.00512	1.4401	-.08649	.00156	58.538	3.6614	.03152
#2	.12351	.00355	1.4498	-.08568	.00346	59.012	3.6993	.03173
#3	.12088	.00143	1.4375	-.08907	.00090	58.898	3.6597	.03117
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01859	164.66	F 6.7405	.17621	1.7295	465.57	6.6370	20.899
Stddev	.00014	1.02	.0126	.00089	.0049	1.97	.0326	.321
%RSD	.75801	.62004	.18686	.50406	.28131	.42288	.49084	1.5367
#1	.01873	163.52	6.7325	.17611	1.7286	463.57	6.6251	20.637
#2	.01860	164.95	6.7550	.17714	1.7348	467.50	6.6739	21.257
#3	.01845	165.50	6.7339	.17537	1.7252	465.65	6.6121	20.804
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43837	-.03676	13.770	.38282	7.7148	4.7862	.01458	-.31546
Stddev	.00133	.00014	.059	.00122	.0177	.0313	.00038	.01361
%RSD	.30450	.38279	.42822	.31926	.22981	.65471	2.6342	4.3133
#1	.43735	-.03660	13.728	.38179	7.7053	4.7609	.01484	-.30762
#2	.43988	-.03683	13.837	.38417	7.7352	4.8213	.01414	-.33118
#3	.43789	-.03686	13.745	.38249	7.7038	4.7765	.01475	-.30760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 178.51	1.6691	.30689	2.7083	.07443	6.733	.71733	<.00000
Stddev	.18	.0346	.00192	.0233	.00111	.008	.00496	.28324
%RSD	.10138	2.0714	.62483	.86057	1.4930	.1209	.69171	4.9002
#1	178.32	1.6940	.30505	2.6837	.07474	6.736	.71561	-5.5071
#2	178.53	1.6296	.30888	2.7113	.07320	6.739	.71346	-6.0726
#3	178.68	1.6837	.30675	2.7300	.07535	6.724	.72292	-5.7607

Sample Name: K3026-03 Acquired: 5/24/2019 14:32:54 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 211.15
Stddev	1.60
%RSD	.75542

#1	209.37
#2	212.43
#3	211.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.6	46167.	4585.0	41.227	3077.4
Stddev	4.5	95.	20.0	.687	5.0
%RSD	.12957	.20474	.43710	1.6675	.16166

#1	3443.5	46094.	4575.1	41.018	3077.5
#2	3442.6	46133.	4608.0	41.995	3072.4
#3	3450.8	46274.	4571.7	40.668	3082.3

Sample Name: K3026-07 Acquired: 5/24/2019 14:37:18 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15115	.00482	.49037	-.01329	.00859	95.566	.60755	.01412
Stddev	.00310	.00077	.00166	.00224	.00107	.360	.00224	.00020
%RSD	2.0539	15.961	.33845	16.828	12.477	.37642	.36820	1.3978
#1	.15163	.00540	.48992	-.01382	.00741	95.195	.60764	.01422
#2	.15399	.00395	.49221	-.01084	.00950	95.913	.60974	.01389
#3	.14783	.00510	.48898	-.01522	.00885	95.589	.60527	.01424
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	23.015	.31062	.10871	.39842	217.37	3.0520	48.574
Stddev	.00026	.053	.00306	.00035	.00156	1.01	.0281	.285
%RSD	78.632	.23149	.98535	.31758	.39252	.46274	.91954	.58766
#1	.00061	22.955	.31251	.10834	.39820	218.05	3.0646	48.402
#2	.00009	23.058	.31226	.10903	.39699	217.84	3.0716	48.903
#3	.00029	23.031	.30709	.10874	.40009	216.21	3.0199	48.417
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25231	-.00479	19.599	.24227	1.3637	14.353	.00248	.01788
Stddev	.00038	.00048	.090	.00284	.0043	.037	.00012	.00677
%RSD	.15256	10.114	.46022	1.1718	.31238	.25990	4.7626	37.846
#1	.25226	-.00486	19.554	.24288	1.3665	14.367	.00251	.01325
#2	.25195	-.00523	19.703	.24475	1.3658	14.381	.00235	.01474
#3	.25271	-.00427	19.539	.23917	1.3588	14.311	.00259	.02565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 134.68	3.1541	.13933	1.5239	.22669	6.567	-.04322	<.00000
Stddev	.22	.1198	.00082	.0018	.00127	.027	.00206	.27975
%RSD	.16253	3.7991	.58688	.11483	.55900	.4115	4.7627	7.9549
#1	134.49	3.2080	.13944	1.5246	.22657	6.536	-.04516	-3.5706
#2	134.92	3.2376	.14009	1.5219	.22548	6.578	-.04345	-3.2139
#3	134.62	3.0168	.13846	1.5252	.22801	6.587	-.04106	-3.7656

Sample Name: K3026-07 Acquired: 5/24/2019 14:37:18 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 93.523
Stddev 1.051
%RSD 1.1236

#1 93.322
#2 94.660
#3 92.587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4006.9	53136.	5122.9	41.784	3339.5
Stddev	8.9	382.	22.2	.682	14.2
%RSD	.22273	.71803	.43266	1.6321	.42413

#1	4004.4	52838.	5099.5	41.140	3336.2
#2	3999.5	53003.	5125.7	41.715	3327.3
#3	4016.8	53566.	5143.6	42.498	3355.1

Sample Name: K3026-15 Acquired: 5/24/2019 14:41:42 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18130	-.01146	4.1935	-.00513	.02445	92.781	10.826	.01984
Stddev	.00377	.00176	.0028	.00404	.00203	.201	.115	.00008
%RSD	2.0789	15.350	.06690	78.729	8.3054	.21631	1.0651	.38269
#1	.18559	-.01224	4.1920	-.00955	.02258	92.652	10.714	.01981
#2	.17853	-.00944	4.1968	-.00162	.02416	92.680	10.821	.01993
#3	.17978	-.01269	4.1919	-.00423	.02661	93.012	10.944	.01979
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01624	242.38	1.6469	1.0777	6.4805	288.45	4.7826	60.138
Stddev	.00047	1.16	.0043	.0014	.0066	1.49	.0249	.258
%RSD	2.8729	.47662	.26268	.13131	.10255	.51512	.52037	.42868
#1	.01677	241.92	1.6467	1.0766	6.4846	286.73	4.8020	60.035
#2	.01606	243.69	1.6427	1.0771	6.4729	289.35	4.7912	59.948
#3	.01589	241.52	1.6514	1.0793	6.4841	289.26	4.7545	60.432
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1792	.11419	144.29	.23302	12.037	20.795	.01080	.29929
Stddev	.0045	.00023	.45	.00073	.007	.077	.00023	.01262
%RSD	.10706	.20035	.30892	.31322	.06026	.36837	2.1365	4.2166
#1	4.1740	.11415	144.41	.23217	12.038	20.709	.01060	.30135
#2	4.1821	.11444	143.80	.23348	12.043	20.856	.01105	.31075
#3	4.1814	.11399	144.66	.23339	12.029	20.820	.01076	.28577
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 89.756	1.2468	.31081	4.6822	.19008	7.162	.89063	<.00000
Stddev	.199	.0089	.00098	.0083	.00268	.014	.00438	.04969
%RSD	.22174	.71139	.31388	.17791	1.4110	.1890	.49145	1.8039
#1	89.569	1.2553	.30974	4.6774	.19111	7.147	.89110	-2.7796
#2	89.733	1.2476	.31165	4.6918	.19209	7.169	.89475	-2.6972
#3	89.966	1.2376	.31106	4.6774	.18703	7.171	.88603	-2.7865

Sample Name: K3026-15 Acquired: 5/24/2019 14:41:42 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 124.99
Stddev	.66
%RSD	.52649

#1	125.05
#2	125.62
#3	124.31

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3666.6	48700.	4923.0	40.224	2975.1
Stddev	8.3	7.	37.8	1.025	1.8
%RSD	.22575	.01362	.76798	2.5492	.05968

#1	3660.1	48693.	4923.0	39.881	2973.1
#2	3675.9	48701.	4885.2	39.414	2976.5
#3	3663.8	48707.	4960.8	41.377	2975.7

Sample Name: PB120046BL Acquired: 5/24/2019 14:46:22 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00083	.00000	.00028	-.00034	-.00539	.00385
Stddev	.00172	.00065	.00149	.00237	.00032	.00591	.00044
%RSD	521.52	78.938	48099.	833.68	93.174	109.64	11.363

#1	.00063	.00158	-.00114	.00128	-.00062	.00127	.00411
#2	.00187	.00041	.00169	-.00242	-.00041	-.00745	.00410
#3	-.00152	.00049	-.00054	.00199	.00001	-.00999	.00334

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	.00845	-.00039	-.00001	.00003	.00873
Stddev	.00005	.00008	.00509	.00033	.00019	.00024	.00156
%RSD	148.57	412.38	60.247	85.267	2408.7	776.84	17.925

#1	.00009	.00002	.01427	-.00039	-.00008	.00009	.01017
#2	-.00001	.00010	.00622	-.00006	-.00016	.00024	.00896
#3	.00003	-.00006	.00485	-.00072	.00021	-.00024	.00706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.03711	.00005	-.00014	.04188	.00035	.00147
Stddev	.00005	.00769	.00016	.00018	.00169	.00059	.00013
%RSD	88.637	20.716	298.65	131.08	4.0301	168.70	8.8233

#1	.00000	-.02829	.00024	-.00011	.04130	.00086	.00160
#2	.00006	-.04065	-.00001	-.00033	.04056	-.00030	.00146
#3	.00010	-.04239	-.00007	.00003	.04378	.00050	.00135

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04114	-.00026	-.00552	F .03165	-.00058	-.00244	-.00089
Stddev	.02534	.00008	.00876	.00583	.00110	.00014	.00249
%RSD	61.596	29.456	158.79	18.421	188.75	5.8859	280.67

#1	.06444	-.00024	-.00203	.03801	-.00016	-.00228	.00086
#2	.01416	-.00020	-.01548	.03036	.00024	-.00256	.00022
#3	.04482	-.00035	.00096	.02657	-.00184	-.00249	-.00374

Sample Name: PB120046BL Acquired: 5/24/2019 14:46:22 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.0003	.00014	F 1.9062	F<.00000
Stddev	.00099	.0016	.00006	.2443	.30722
%RSD	405.15	578.8	41.596	12.814	2372.9

#1	-.00086	-.0016	.00017	2.1762	.00112
#2	.00106	-.0007	.00007	1.7006	.28700
#3	.00053	.0015	.00018	1.8418	-.32696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.1	46994.	4240.3	42.012	3818.2
Stddev	7.0	194.	28.1	.381	7.4
%RSD	.19511	.41288	.66320	.90782	.19510

#1	3576.0	47169.	4272.7	41.677	3811.0
#2	3589.9	47026.	4221.9	42.427	3825.8
#3	3583.5	46785.	4226.5	41.932	3817.9

Sample Name: CCV03 Acquired: 5/24/2019 14:50:51 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1158	5.1879	5.1067	5.1068	5.0960	9.8840	10.018	.25847
Stddev	.0116	.0035	.0053	.0106	.0074	.0683	.104	.00082
%RSD	.22684	.06801	.10464	.20762	.14552	.69048	1.0380	.31692
#1	5.1068	5.1838	5.1127	5.1164	5.0989	9.9388	10.015	.25810
#2	5.1289	5.1895	5.1025	5.0954	5.1015	9.9056	9.9151	.25941
#3	5.1118	5.1903	5.1049	5.1084	5.0876	9.8075	10.123	.25791
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5459	26.010	1.0303	2.5567	1.2895	5.1769	2.6236	25.086
Stddev	.0029	.101	.0029	.0010	.0005	.0035	.0054	.180
%RSD	.11473	.39008	.28548	.03927	.03696	.06743	.20485	.71594
#1	2.5490	25.943	1.0336	2.5566	1.2892	5.1783	2.6220	25.292
#2	2.5432	25.960	1.0294	2.5557	1.2900	5.1794	2.6295	24.962
#3	2.5455	26.127	1.0280	2.5577	1.2892	5.1729	2.6192	25.005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5478	1.2776	24.912	2.5782	2.5583	24.501	5.1347	4.9152
Stddev	.0037	.0002	.167	.0024	.0016	.080	.0024	.0450
%RSD	.14690	.01790	.67092	.09247	.06331	.32713	.04776	.91595
#1	2.5478	1.2775	25.071	2.5759	2.5591	24.496	5.1375	4.9599
#2	2.5440	1.2774	24.927	2.5806	2.5565	24.583	5.1333	4.9159
#3	2.5515	1.2778	24.738	2.5782	2.5594	24.423	5.1332	4.8699
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0676	5.1222	5.1216	5.1674	5.0788	5.186	5.2093	F 4.1196
Stddev	.0097	.0669	.0113	.0100	.0371	.019	.0371	.1876
%RSD	.19221	1.3052	.21965	.19357	.72996	.3632	.71183	4.5548
#1	5.0772	5.0562	5.1264	5.1570	5.0365	5.195	5.1666	3.9055
#2	5.0578	5.1205	5.1087	5.1683	5.1056	5.164	5.2286	4.1976
#3	5.0677	5.1899	5.1297	5.1770	5.0944	5.198	5.2328	4.2555

Sample Name: CCV03 Acquired: 5/24/2019 14:50:51 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15015 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0527
Stddev .1603
%RSD 5.2513

#1 3.0197
#2 3.2270
#3 2.9115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.8	44957.	4171.6	40.102	3373.3
Stddev	7.7	105.	37.5	.243	2.9
%RSD	.22522	.23425	.89824	.60709	.08702

#1	3413.2	44839.	4210.5	40.356	3371.7
#2	3406.5	44991.	4168.6	40.078	3371.5
#3	3421.8	45041.	4135.8	39.871	3376.7

Sample Name: CCB03 Acquired: 5/24/2019 14:54:58 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00128	-.00062	.00246	.00071	-.00402	.00107	.00003
Stddev	.00342	.00100	.00123	.00091	.00017	.00704	.00025	.00002
%RSD	507.50	77.562	200.25	37.115	24.169	175.06	23.283	71.932
#1	.00150	.00239	.00079	.00291	.00052	.00098	.00136	.00004
#2	-.00462	.00045	-.00153	.00141	.00075	-.00098	.00096	.00002
#3	.00109	.00101	-.00111	.00305	.00085	-.01206	.00090	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00703	-.00016	.00007	.00044	.00071	.00003	-.00700
Stddev	.00001	.00352	.00020	.00015	.00009	.00064	.00002	.01063
%RSD	11.248	50.062	125.49	206.88	19.874	89.258	78.075	151.88
#1	.00009	.01095	-.00012	-.00007	.00034	.00142	.00005	-.01702
#2	.00009	.00603	.00002	.00007	.00046	.00018	.00002	.00415
#3	.00007	.00412	-.00037	.00023	.00051	.00055	.00001	-.00812
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00008	.01288	.00035	.00013	.03285	.00052	.01176
Stddev	.00010	.00017	.00369	.00036	.00005	.02044	.00011	.00671
%RSD	62.969	223.60	28.645	102.15	36.405	62.215	20.280	57.080
#1	-.00008	.00007	.01183	.00060	.00018	.01737	.00057	.01740
#2	-.00027	.00025	.00983	-.00006	.00012	.02516	.00060	.00433
#3	-.00012	-.00009	.01698	.00052	.00009	.05601	.00040	.01356
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01028	.00157	-.00102	-.00084	.00150	-.0000	.00015	F 2.2668
Stddev	.00174	.00165	.00028	.00045	.00257	.0012	.00016	.2545
%RSD	16.964	105.21	27.338	53.371	171.41	4400.	109.36	11.227
#1	.01098	-.00034	-.00072	-.00036	-.00146	-.0007	.00032	2.3146
#2	.01157	.00251	-.00107	-.00125	.00313	-.0007	.00012	2.4940
#3	.00830	.00254	-.00127	-.00090	.00283	.0013	.00000	1.9918

Sample Name: CCB03 Acquired: 5/24/2019 14:54:58 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15015 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .18228
Stddev	.21106
%RSD	115.79

#1	.01431
#2	.41919
#3	.11333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.2	47184.	4195.6	42.324	3822.6
Stddev	6.7	141.	38.3	.473	10.5
%RSD	.18769	.29960	.91318	1.1181	.27399

#1	3587.2	47029.	4151.5	41.991	3814.9
#2	3598.0	47306.	4219.5	42.866	3834.5
#3	3585.6	47217.	4216.0	42.116	3818.3

Sample Name: PB120046BS Acquired: 5/24/2019 14:59:27 Type: Unk
Method: P4-ICP2(v3148) 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	.72970	1.9393	.94131	1.8462	.74132	1.8733	.19735
Stddev	.00669	.0124	.00445	.0074	.00419	.0141	.00092
%RSD	.91659	.64019	.47322	.40007	.56516	.75487	.46580

#1	.73718	1.9534	.94481	1.8509	.74589	1.8622	.19648
#2	.72763	1.9346	.94282	1.8499	.74041	1.8892	.19831
#3	.72429	1.9300	.93630	1.8377	.73766	1.8685	.19727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18780	.18399	1.0574	.41253	.19283	.30529	3.0921
Stddev	.00031	.00078	.0073	.00058	.00101	.00143	.0092
%RSD	.16736	.42321	.69334	.14110	.52512	.46950	.29829

#1	.18816	.18476	1.0537	.41274	.19385	.30654	3.1024
#2	.18756	.18401	1.0659	.41187	.19281	.30559	3.0848
#3	.18769	.18321	1.0527	.41298	.19183	.30373	3.0890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20843	1.9548	.48021	.06981	2.9710	.30674	.18846
Stddev	.00109	.0772	.00265	.00071	.0267	.00174	.00086
%RSD	.52226	3.9470	.55239	1.0160	.89942	.56668	.45507

#1	.20964	2.0243	.48271	.06906	2.9510	.30875	.18931
#2	.20813	1.9681	.48049	.07047	3.0014	.30580	.18849
#3	.20752	1.8718	.47742	.06988	2.9607	.30567	.18760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7137	.39976	.27695	F 1.1141	.90187	.65680	.20478
Stddev	.0929	.00182	.00773	.2866	.00365	.00227	.00214
%RSD	.95584	.45617	2.7906	25.726	.40524	.34570	1.0470

#1	9.6069	.40140	.27680	.82099	.89995	.65781	.20303
#2	9.7747	.40009	.26930	1.1275	.89957	.65839	.20413
#3	9.7596	.39780	.28476	1.3937	.90608	.65420	.20717

Sample Name: PB120046BS Acquired: 5/24/2019 14:59:27 Type: Unk
Method: P4-ICP2(v3148) 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	.20928	5.277	.20344	F 2.1319	F<.00000
Stddev	.00186	.034	.00165	.2739	.15763
%RSD	.89053	.6466	.80874	12.846	14.151

#1	.20760	5.311	.20154	2.3226	-.99253
#2	.21128	5.276	.20441	1.8181	-1.2920
#3	.20897	5.243	.20437	2.2549	-1.0571

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.1	47387.	4254.6	42.023	3785.1
Stddev	11.1	93.	31.2	1.047	12.9
%RSD	.30901	.19532	.73290	2.4911	.34103

#1	3587.3	47482.	4287.2	43.202	3776.9
#2	3582.4	47381.	4251.6	41.666	3778.4
#3	3603.6	47298.	4225.1	41.202	3800.0

Sample Name: PB112047BL Acquired: 5/24/2019 15:03:34 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00053	-.00019	-.00036	.00100	-.00636	.00050	.00004
Stddev	.00255	.00149	.00042	.00184	.00063	.00416	.00033	.00004
%RSD	163.85	283.62	219.53	511.82	62.936	65.480	64.539	114.82

#1	.00085	.00091	.00002	-.00176	.00173	-.00156	.00087	.00008
#2	.00439	-.00112	-.00068	-.00105	.00063	-.00906	.00037	-.00001
#3	-.00057	.00178	.00008	.00173	.00065	-.00845	.00026	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00352	.00005	-.00003	-.00018	.00064	-.00008	.02617
Stddev	.00002	.01989	.00051	.00012	.00011	.00018	.00003	.03782
%RSD	39.581	564.99	965.18	477.22	59.619	27.906	41.845	144.52

#1	.00007	.01189	.00039	-.00004	-.00021	.00058	-.00012	-.01129
#2	.00003	.01786	-.00053	.00011	-.00006	.00050	-.00008	.06434
#3	.00004	-.01919	.00030	-.00014	-.00027	.00084	-.00005	.02545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00010	-.00775	.00029	-.00015	.02049	-.00003	-.00354
Stddev	.00013	.00024	.00514	.00033	.00002	.00381	.00004	.00851
%RSD	123.45	245.73	66.370	112.78	11.446	18.590	130.70	240.23

#1	-.00008	-.00018	-.01339	.00066	-.00013	.02142	.00000	.00535
#2	.00001	.00027	-.00334	.00018	-.00016	.02375	-.00007	-.00437
#3	-.00025	.00020	-.00650	.00003	-.00016	.01630	-.00002	-.01160

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00624	-.00264	-.00265	-.00049	.00044	-.0007	.00008	F 2.2201
Stddev	.00112	.00212	.00023	.00044	.00063	.0007	.00009	.3497
%RSD	17.959	80.093	8.5568	90.200	142.65	98.97	122.79	15.750

#1	.00706	-.00352	-.00248	-.00061	-.00027	-.0010	.00018	2.2658
#2	.00669	-.00023	-.00291	-.00086	.00067	.0001	.00006	1.8498
#3	.00496	-.00418	-.00257	.00000	.00092	-.0013	-.00001	2.5446

Sample Name: PB112047BL Acquired: 5/24/2019 15:03:34 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .23048
Stddev	.25470
%RSD	110.51

#1	.48740
#2	-.02193
#3	.22598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.0	47392.	4225.6	42.070	3856.9
Stddev	19.7	107.	21.2	.904	15.6
%RSD	.54513	.22559	.50180	2.1499	.40454

#1	3603.6	47403.	4218.4	42.143	3845.5
#2	3619.4	47280.	4249.4	42.936	3850.6
#3	3642.9	47493.	4208.9	41.132	3874.7

Sample Name: PB112048BS Acquired: 5/24/2019 15:08:04 Type: Unk
Method: P4-ICP2(v3148) 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	.68524	1.8120	.87510	1.7836	.67598	1.6777	.17523
Stddev	.00439	.0070	.00231	.0056	.00100	.0075	.00073
%RSD	.64031	.38450	.26437	.31566	.14811	.44957	.41732

#1	.68430	1.8040	.87369	1.7868	.67596	1.6728	.17454
#2	.69002	1.8152	.87777	1.7869	.67699	1.6739	.17600
#3	.68140	1.8168	.87384	1.7771	.67499	1.6864	.17516

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17912	.17337	.93433	.36540	.17676	.28416	2.7929
Stddev	.00023	.00020	.00599	.00138	.00030	.00056	.0057
%RSD	.12977	.11663	.64058	.37775	.17153	.19878	.20461

#1	.17938	.17315	.93026	.36438	.17662	.28372	2.7864
#2	.17895	.17355	.93153	.36486	.17710	.28397	2.7955
#3	.17902	.17340	.94121	.36697	.17655	.28480	2.7968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18854	1.7570	.44176	.06542	2.6388	.27138	.17225
Stddev	.00034	.0581	.00044	.00075	.0119	.00098	.00015
%RSD	.18134	3.3047	.09894	1.1506	.45198	.36037	.08432

#1	.18815	1.8216	.44144	.06455	2.6261	.27072	.17238
#2	.18865	1.7402	.44160	.06589	2.6498	.27091	.17227
#3	.18881	1.7092	.44226	.06582	2.6404	.27250	.17209

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6060	.35068	.25752	F .00214	.79861	.59466	.17901
Stddev	.0179	.00031	.01359	.00098	.00538	.00166	.00279
%RSD	.20846	.08718	5.2774	45.814	.67313	.27855	1.5577

#1	8.6265	.35034	.27055	.00181	.80098	.59336	.17739
#2	8.5933	.35077	.25858	.00137	.80240	.59409	.17741
#3	8.5981	.35093	.24343	.00325	.79246	.59652	.18223

Sample Name: PB112048BS Acquired: 5/24/2019 15:08:04 Type: Unk
Method: P4-ICP2(v3148) 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	.18337	5.000	.17954	F 3.0743	F<.00000
Stddev	.00276	.013	.00050	.2178	.22451
%RSD	1.5059	.2662	.27943	7.0848	27.073

#1	.18080	5.009	.17909	2.8315	-.97484
#2	.18301	5.006	.17945	3.1391	-.57070
#3	.18629	4.984	.18008	3.2524	-.94221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.7	46940.	4243.1	42.238	3760.8
Stddev	19.1	193.	24.3	1.332	18.3
%RSD	.53150	.41026	.57256	3.1535	.48592

#1	3579.0	46772.	4224.2	41.155	3751.6
#2	3576.4	47150.	4270.5	41.834	3749.0
#3	3610.6	46897.	4234.5	43.725	3781.9

Sample Name: PB120048BL Acquired: 5/24/2019 15:12:12 Type: Unk
Method: P4-ICP2(v3148) 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	-.00056	.00109	-.00002	.00324	.00087	-.00198	.00046	.00007
Stddev	.00054	.00124	.00077	.00098	.00117	.00185	.00028	.00008
%RSD	96.600	112.98	4054.3	30.362	134.19	93.516	60.717	113.08
#1	-.00033	-.00029	-.00089	.00211	.00159	-.00224	.00070	.00002
#2	-.00017	.00209	.00027	.00387	-.00048	-.00001	.00051	.00017
#3	-.00118	.00148	.00057	.00374	.00150	-.00368	.00016	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00698	-.00070	.00006	-.00001	.00000	-.00005	.02141
Stddev	.00003	.00151	.00014	.00009	.00018	.00036	.00009	.10835
%RSD	205.13	21.553	20.285	140.33	2154.9	8630.7	181.19	505.99
#1	-.00004	-.00844	-.00055	.00007	-.00012	-.00007	-.00007	.07395
#2	-.00003	-.00543	-.00074	.00015	-.00010	-.00032	-.00014	-.10319
#3	.00002	-.00708	-.00083	-.00003	.00020	.00040	.00005	.09348
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00023	-.01578	.00026	-.00038	.02502	-.00003	.00496
Stddev	.00042	.00011	.00367	.00028	.00010	.00579	.00007	.00785
%RSD	479.68	47.107	23.239	106.56	25.833	23.125	239.20	158.50
#1	-.00055	-.00020	-.01296	.00028	-.00027	.01857	-.00011	.01400
#2	.00001	-.00014	-.01992	.00054	-.00043	.02675	-.00001	-.00013
#3	.00028	-.00035	-.01445	-.00002	-.00044	.02975	.00003	.00099
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00182	-.00251	.00018	.00010	-.0001	.00003	F 1.9791
Stddev	.00285	.00036	.00040	.00051	.00214	.0008	.00002	.1009
%RSD	153.79	19.511	15.843	277.38	2094.8	1119.	73.767	5.0973
#1	.00498	-.00222	-.00205	-.00008	.00032	.0001	.00005	2.0121
#2	.00121	-.00155	-.00274	-.00014	-.00214	-.0010	.00001	2.0593
#3	-.00062	-.00168	-.00274	.00076	.00213	.0006	.00003	1.8658

Sample Name: PB120048BL Acquired: 5/24/2019 15:12:12 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .09004
Stddev .25652
%RSD 284.88

#1 .27833
#2 .19394
#3 -.20213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.3	47223.	4228.3	42.133	3821.4
Stddev	21.4	133.	15.6	1.812	18.0
%RSD	.59502	.28246	.36775	4.3009	.47154

#1	3611.5	47120.	4246.2	42.555	3840.0
#2	3568.9	47176.	4219.7	40.148	3804.0
#3	3593.6	47374.	4218.9	43.698	3820.1

Sample Name: PB120047BS Acquired: 5/24/2019 15:16:39 Type: Unk
Method: P4-ICP2(v3148) 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	.75967	1.9891	.97908	1.9145	.76406	1.9068	.19982	.19181
Stddev	.00419	.0053	.00182	.0070	.00200	.0152	.00094	.00076
%RSD	.55127	.26493	.18628	.36629	.26236	.79643	.47189	.39618
#1	.75980	1.9948	.98080	1.9134	.76200	1.9238	.19873	.19107
#2	.76379	1.9882	.97926	1.9081	.76601	1.9019	.20046	.19179
#3	.75542	1.9844	.97717	1.9220	.76416	1.8947	.20026	.19259
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19221	1.0807	.42244	.20064	.31699	3.1696	.21371	1.9822
Stddev	.00019	.0141	.00158	.00061	.00098	.0098	.00041	.0558
%RSD	.09941	1.3032	.37355	.30201	.31017	.30971	.19240	2.8124
#1	.19238	1.0665	.42075	.20134	.31701	3.1592	.21324	1.9552
#2	.19225	1.0810	.42387	.20024	.31600	3.1710	.21391	1.9451
#3	.19200	1.0947	.42271	.20034	.31797	3.1787	.21398	2.0463
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50079	.07172	3.0111	.31543	.18872	9.7911	.41364	.28293
Stddev	.00046	.00071	.0075	.00108	.00039	.0297	.00092	.01308
%RSD	.09210	.99518	.24742	.34392	.20567	.30350	.22258	4.6214
#1	.50037	.07136	3.0063	.31475	.18911	9.7593	.41374	.28064
#2	.50129	.07255	3.0072	.31668	.18873	9.8182	.41267	.27115
#3	.50071	.07127	3.0196	.31485	.18833	9.7958	.41451	.29700
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00069	.93667	.67033	.20467	.21366	F 5.478	F .20716	1.8560
Stddev	.00141	.00186	.00130	.00122	.00088	.011	.00049	.1213
%RSD	204.80	.19859	.19435	.59754	.41369	.1948	.23894	6.5356
#1	.00081	.93462	.67098	.20362	.21264	5.490	.20661	1.8445
#2	.00204	.93714	.67118	.20437	.21417	5.474	.20730	1.9826
#3	-.00078	.93824	.66883	.20601	.21418	5.469	.20757	1.7408

Sample Name: PB120047BS Acquired: 5/24/2019 15:16:39 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.38892
%RSD	48.367

#1	-.75600
#2	-1.2148
#3	-.44146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.7	47365.	4229.4	41.455	3773.4
Stddev	13.4	152.	7.2	.703	15.1
%RSD	.37488	.32183	.16975	1.6948	.39913

#1	3568.1	47210.	4225.7	41.773	3756.5
#2	3593.8	47370.	4224.8	40.650	3785.4
#3	3574.1	47515.	4237.7	41.943	3778.2

Sample Name: PB120048TB Acquired: 5/24/2019 15:20:44 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	-.00430	-.00073	.00204	.00163	-.00278	.00063	.00006
Stddev	.00082	.00101	.00109	.00238	.00083	.00630	.00013	.00005
%RSD	28.850	23.516	149.26	116.66	50.870	226.58	20.045	95.523
#1	-.00201	-.00468	-.00002	.00054	.00072	.00438	.00057	.00002
#2	-.00365	-.00316	-.00198	.00079	.00183	-.00524	.00055	.00003
#3	-.00284	-.00507	-.00019	.00478	.00234	-.00748	.00078	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01129	.00005	-.00008	.00045	.00096	-.00001	-.01164
Stddev	.00010	.00175	.00004	.00007	.00007	.00055	.00005	.03550
%RSD	437.49	15.495	79.945	89.887	14.587	57.240	775.11	304.99
#1	-.00005	.01323	.00008	-.00014	.00044	.00058	-.00007	-.04769
#2	.00009	.00983	.00000	-.00011	.00039	.00159	.00003	.02330
#3	-.00011	.01082	.00007	.00000	.00053	.00071	.00001	-.01053
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00143	F 324.04	.00047	.00208	.05408	.00007	.00391
Stddev	.00015	.00019	3.88	.00033	.00003	.01876	.00025	.01571
%RSD	10.256	13.643	1.1985	69.785	1.5184	34.687	374.14	401.57
#1	.00129	.00136	319.78	.00044	.00208	.06910	.00034	-.00303
#2	.00137	.00128	327.39	.00016	.00210	.03305	-.00012	.02190
#3	.00157	.00165	324.96	.00081	.00204	.06008	-.00003	-.00713
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00868	.00421	-.00201	.00071	-.00057	.0004	.00002	3.6371
Stddev	.00423	.00189	.00016	.00128	.00039	.0007	.00010	.0307
%RSD	48.732	44.983	8.1062	179.73	69.500	177.3	441.49	.84334
#1	.00450	.00523	-.00195	.00113	-.00054	.0002	.00007	3.6129
#2	.00859	.00202	-.00187	.00172	-.00097	-.0002	.00009	3.6268
#3	.01296	.00537	-.00219	-.00072	-.00018	.0011	-.00009	3.6716

Sample Name: PB120048TB Acquired: 5/24/2019 15:20:44 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.01827
Stddev	.22184
%RSD	1214.0

#1	-.09285
#2	.27371
#3	-.12605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.2	44099.	4229.9	41.622	3375.3
Stddev	9.9	120.	29.9	.726	9.5
%RSD	.29086	.27101	.70627	1.7438	.28187

#1	3390.8	44160.	4201.8	40.843	3374.5
#2	3390.2	43961.	4226.5	42.280	3366.2
#3	3407.6	44175.	4261.3	41.743	3385.2

Sample Name: PB120027BL Acquired: 5/24/2019 15:25:20 Type: Unk
Method: P4-ICP2(v3148) 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	.00050	-.00108	.00001	.00115	-.00819	.00036
Stddev	.00138	.00189	.00015	.00148	.00052	.00446	.00036
%RSD	268.33	379.37	14.087	16724.	44.953	54.449	98.728

#1	-.00019	.00177	-.00104	-.00014	.00112	-.00588	.00030
#2	-.00038	-.00167	-.00124	-.00139	.00168	-.01332	.00074
#3	.00210	.00140	-.00094	.00156	.00065	-.00536	.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00003	.00218	-.00030	.00001	-.00022	-.00053
Stddev	.00003	.00004	.00693	.00037	.00017	.00020	.00045
%RSD	31.038	137.30	318.32	123.06	1258.9	90.570	84.700

#1	.00008	-.00001	.00912	.00006	-.00017	-.00043	-.00074
#2	.00007	-.00007	.00215	-.00068	.00016	-.00003	-.00001
#3	.00012	.00000	-.00474	-.00027	.00005	-.00020	-.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00425	-.00005	.00026	.09453	.00047	-.00030
Stddev	.00006	.02730	.00022	.00029	.00735	.00008	.00003
%RSD	96.797	643.14	462.71	110.84	7.7709	16.129	8.5688

#1	-.00006	-.01946	.00015	.00043	.10298	.00053	-.00033
#2	-.00000	-.02056	-.00001	-.00007	.08962	.00049	-.00029
#3	-.00012	.02728	-.00028	.00042	.09100	.00038	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05608	-.00001	.00163	-.00093	-.00400	-.00295	-.00047
Stddev	.05224	.00023	.00578	.00272	.00238	.00065	.00043
%RSD	93.160	2080.1	355.56	291.92	59.577	22.041	90.537

#1	.06166	-.00006	-.00183	-.00225	-.00673	-.00306	-.00064
#2	.00127	.00024	-.00159	.00219	-.00238	-.00353	.00001
#3	.10531	-.00021	.00830	-.00273	-.00288	-.00225	-.00079

Sample Name: PB120027BL Acquired: 5/24/2019 15:25:20 Type: Unk
Method: P4-ICP2(v3148) 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	.00121	.0002	.00000	F 1.8797	F<.00000
Stddev	.00092	.0015	.00010	.1175	.20863
%RSD	75.736	645.0	5071.8	6.2489	335.12

#1	.00077	.0018	-.00004	1.9921	.07761
#2	.00060	-.0011	-.00007	1.8894	.03768
#3	.00227	-.0000	.00012	1.7577	-.30206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.9	47683.	4255.0	42.678	3848.6
Stddev	9.8	109.	3.4	1.689	3.6
%RSD	.27049	.22759	.08012	3.9579	.09478

#1	3597.6	47639.	4255.1	44.173	3845.0
#2	3615.1	47604.	4258.4	43.016	3848.5
#3	3613.9	47807.	4251.6	40.845	3852.3

Sample Name: PB120058BS Acquired: 5/24/2019 15:29:48 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72606	1.9059	.92942	1.8249	.74498	1.8392	.19035
Stddev	.00276	.0027	.00247	.0097	.00299	.0075	.00065
%RSD	.37960	.14123	.26538	.52983	.40149	.40524	.34190

#1	.72886	1.9089	.93093	1.8145	.74843	1.8337	.19004
#2	.72597	1.9051	.93074	1.8336	.74335	1.8362	.18992
#3	.72334	1.9037	.92657	1.8267	.74316	1.8477	.19110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18478	.18247	1.0187	.39781	.19135	.30381	3.0102
Stddev	.00009	.00022	.0263	.00095	.00038	.00061	.0053
%RSD	.04872	.11998	2.5788	.23985	.20084	.19948	.17657

#1	.18488	.18244	1.0017	.39881	.19179	.30361	3.0100
#2	.18470	.18226	1.0490	.39690	.19109	.30449	3.0050
#3	.18477	.18270	1.0056	.39772	.19117	.30332	3.0156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20438	1.8458	.47267	.06882	2.9122	.29709	.18819
Stddev	.00076	.0495	.00060	.00065	.0120	.00094	.00020
%RSD	.37208	2.6806	.12700	.94252	.41133	.31544	.10580

#1	.20522	1.7903	.47198	.06865	2.9220	.29808	.18842
#2	.20375	1.8618	.47290	.06827	2.8989	.29622	.18806
#3	.20417	1.8853	.47311	.06954	2.9157	.29696	.18809

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2633	.39291	.27144	F 1.9655	.85572	.65083	.19777
Stddev	.0562	.00104	.01952	.0164	.00612	.00082	.00247
%RSD	.60713	.26454	7.1904	.83512	.71473	.12593	1.2481

#1	9.2211	.39319	.26452	1.9466	.85071	.64989	.19495
#2	9.2417	.39379	.29348	1.9760	.86254	.65142	.19954
#3	9.3272	.39176	.25633	1.9738	.85392	.65118	.19881

Sample Name: PB120058BS Acquired: 5/24/2019 15:29:48 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20320	F 5.214	.19562	F 2.2371	F<.00000
Stddev	.00206	.007	.00147	.1547	.14476
%RSD	1.0133	.1389	.74893	6.9161	13.946

#1	.20091	5.220	.19393	2.0760	-.90474
#2	.20383	5.218	.19652	2.2509	-1.1920
#3	.20488	5.206	.19640	2.3846	-1.0173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.4	47765.	4323.4	43.388	3826.1
Stddev	22.2	82.	33.2	1.199	22.7
%RSD	.61401	.17253	.76902	2.7635	.59339

#1	3618.2	47691.	4361.0	44.443	3824.4
#2	3593.4	47854.	4297.7	43.636	3804.3
#3	3637.7	47750.	4311.5	42.084	3849.6

Sample Name: PB120058BL Acquired: 5/24/2019 15:33:54 Type: Unk
Method: P4-ICP2(v3148) 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	.00054	-.00132	.00106	.00102	-.00936	.00056
Stddev	.00081	.00064	.00068	.00309	.00066	.00417	.00020
%RSD	480.55	117.29	51.636	291.40	64.909	44.486	34.960

#1	-.00069	-.00014	-.00207	-.00086	.00044	-.01341	.00074
#2	.00026	.00064	-.00116	-.00058	.00088	-.00960	.00035
#3	.00093	.00113	-.00074	.00462	.00175	-.00508	.00060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00001	.00144	-.00017	.00005	.00021	.00016
Stddev	.00002	.00001	.01038	.00019	.00013	.00054	.00032
%RSD	24.453	104.22	718.90	111.34	254.28	260.04	197.58

#1	.00007	.00003	.01207	-.00003	-.00009	-.00033	.00053
#2	.00008	.00000	.00094	-.00038	.00016	.00074	.00005
#3	.00011	.00001	-.00868	-.00009	.00008	.00021	-.00008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00100	-.00008	.00039	.00952	.00046	-.00036
Stddev	.00002	.01424	.00023	.00022	.00201	.00013	.00002
%RSD	56.914	1423.3	291.76	54.907	21.152	28.780	4.8215

#1	-.00001	-.00100	-.00025	.00019	.01006	.00034	-.00035
#2	-.00005	-.01524	.00019	.00062	.00729	.00043	-.00038
#3	-.00004	.01324	-.00018	.00036	.01121	.00060	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00678	-.00002	-.00202	.00233	-.00171	-.00261	-.00157
Stddev	.03410	.00013	.01405	.00165	.00214	.00026	.00148
%RSD	503.21	651.43	694.66	70.528	125.42	9.8946	94.419

#1	-.04235	-.00010	.00023	.00410	-.00417	-.00250	-.00135
#2	-.00361	-.00009	.01076	.00204	-.00068	-.00242	-.00315
#3	.02563	.00013	-.01706	.00085	-.00028	-.00290	-.00021

Sample Name: PB120058BL Acquired: 5/24/2019 15:33:54 Type: Unk
 Method: P4-ICP2(v3148) 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	-.00033	.0007	-.00001	F 1.9508	F<.00000
Stddev	.00053	.0011	.00009	.1746	.11360
%RSD	159.30	160.6	994.49	8.9514	189.88

#1	.00006	.0005	-.00009	2.1394	-.18732
#2	-.00012	.0018	.00008	1.7948	.03063
#3	-.00094	-.0003	-.00002	1.9181	-.02279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.9	47472.	4263.9	41.810	3858.1
Stddev	13.0	28.	26.3	.704	11.4
%RSD	.36081	.05967	.61721	1.6827	.29544

#1	3623.2	47465.	4240.2	41.275	3858.9
#2	3623.6	47503.	4292.2	41.548	3869.1
#3	3600.8	47448.	4259.3	42.607	3846.3

Sample Name: PB120027BS Acquired: 5/24/2019 15:38:22 Type: Unk
Method: P4-ICP2(v3148) 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	.68457	1.8074	.87410	1.7693	.67806	1.6846	.17317
Stddev	.00087	.0035	.00143	.0090	.00110	.0100	.00118
%RSD	.12751	.19497	.16372	.50900	.16271	.59177	.68162

#1	.68442	1.8060	.87548	1.7786	.67921	1.6871	.17409
#2	.68379	1.8048	.87262	1.7685	.67701	1.6930	.17357
#3	.68551	1.8115	.87419	1.7607	.67796	1.6736	.17184

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17939	.17331	.93444	.36705	.17697	.28512	2.7950
Stddev	.00045	.00010	.02125	.00111	.00029	.00105	.0027
%RSD	.24836	.05730	2.2740	.30136	.16417	.36670	.09616

#1	.17924	.17320	.91317	.36734	.17712	.28621	2.7923
#2	.17989	.17337	.93446	.36799	.17664	.28503	2.7977
#3	.17903	.17336	.95567	.36583	.17716	.28413	2.7950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18867	1.7514	.44210	.06503	2.6261	.27079	.17230
Stddev	.00023	.0542	.00069	.00020	.0164	.00124	.00019
%RSD	.12410	3.0957	.15497	.31244	.62295	.45632	.11011

#1	.18840	1.7116	.44287	.06481	2.6392	.27066	.17250
#2	.18883	1.7294	.44156	.06506	2.6313	.26962	.17227
#3	.18879	1.8131	.44188	.06522	2.6078	.27208	.17212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5293	.35149	.26338	F -.00095	.80179	.59641	.17767
Stddev	.0828	.00054	.00626	.00030	.01172	.00062	.00147
%RSD	.97067	.15223	2.3762	31.734	1.4615	.10335	.82468

#1	8.5287	.35198	.26864	-.00123	.79405	.59647	.17931
#2	8.6123	.35158	.26504	-.00063	.79606	.59577	.17650
#3	8.4468	.35092	.25646	-.00099	.81528	.59700	.17721

Sample Name: PB120027BS Acquired: 5/24/2019 15:38:22 Type: Unk
 Method: P4-ICP2(v3148) 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	.18646	4.973	.17902	F 2.3146	F<.00000
Stddev	.00138	.007	.00112	.0540	.16180
%RSD	.74105	.1438	.62620	2.3326	26.607
#1	.18656	4.981	.17866	2.2605	-.68113
#2	.18503	4.969	.17813	2.3148	-.72051
#3	.18778	4.969	.18028	2.3685	-.42267
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.7	46822.	4199.1	41.862	3767.3
Stddev	10.7	335.	29.0	1.104	5.3
%RSD	.29829	.71553	.69040	2.6367	.14134
#1	3573.2	46482.	4187.8	40.591	3761.7
#2	3586.4	46833.	4232.1	42.577	3767.9
#3	3594.4	47152.	4177.5	42.418	3772.2

Sample Name: CCV04 Acquired: 5/24/2019 15:42:29 Type: Unk
Method: P4-ICP2(v3148) 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	5.1301	5.2004	5.1093	5.1149	5.1238	10.004	9.9070	.25933
Stddev	.0058	.0188	.0094	.0142	.0068	.056	.1544	.00023
%RSD	.11283	.36159	.18338	.27811	.13252	.56433	1.5589	.09037
#1	5.1244	5.1853	5.1001	5.1044	5.1160	9.9688	9.7296	.25911
#2	5.1360	5.2215	5.1188	5.1093	5.1285	9.9747	10.012	.25958
#3	5.1300	5.1944	5.1091	5.1311	5.1270	10.069	9.9795	.25931
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5521	25.926	1.0274	2.5618	1.2871	5.1602	2.6237	25.285
Stddev	.0032	.123	.0013	.0019	.0010	.0059	.0033	.099
%RSD	.12504	.47346	.12731	.07579	.07783	.11474	.12557	.39096
#1	2.5512	25.785	1.0282	2.5598	1.2868	5.1590	2.6204	25.182
#2	2.5556	26.010	1.0259	2.5636	1.2863	5.1550	2.6237	25.296
#3	2.5494	25.983	1.0282	2.5620	1.2882	5.1667	2.6269	25.379
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5443	1.2687	25.131	2.5673	2.5745	24.595	5.1268	4.9325
Stddev	.0047	.0038	.122	.0027	.0042	.105	.0068	.0565
%RSD	.18625	.29874	.48440	.10326	.16347	.42599	.13336	1.1459
#1	2.5417	1.2664	25.039	2.5647	2.5727	24.488	5.1193	4.8699
#2	2.5498	1.2731	25.084	2.5700	2.5793	24.599	5.1286	4.9798
#3	2.5415	1.2667	25.269	2.5674	2.5715	24.697	5.1326	4.9478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0435	5.0432	5.1302	5.1750	5.0558	5.216	5.1863	F 3.8324
Stddev	.0235	.0053	.0092	.0129	.0338	.015	.0209	.1019
%RSD	.46656	.10441	.17861	.24889	.66951	.2836	.40327	2.6576
#1	5.0167	5.0371	5.1234	5.1602	5.0252	5.220	5.1702	3.7149
#2	5.0605	5.0455	5.1406	5.1829	5.0499	5.229	5.1787	3.8967
#3	5.0535	5.0468	5.1265	5.1820	5.0922	5.200	5.2099	3.8854

Sample Name: CCV04 Acquired: 5/24/2019 15:42:29 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8426
Stddev .1702
%RSD 5.9888

#1 2.8496
#2 3.0092
#3 2.6689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.5	44947.	4215.3	40.343	3396.9
Stddev	8.8	22.	7.1	.432	4.1
%RSD	.25584	.04964	.16819	1.0704	.12050

#1	3445.4	44949.	4216.8	40.355	3400.9
#2	3441.4	44924.	4207.6	40.769	3397.1
#3	3428.6	44969.	4221.5	39.906	3392.7

Sample Name: CCB04 Acquired: 5/24/2019 15:46:36 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00241	-.00041	.00129	.00005	-.00544	.00093	.00005
Stddev	.00142	.00118	.00042	.00147	.00143	.00337	.00012	.00004
%RSD	1626.1	48.922	100.98	113.43	3162.4	62.017	12.753	76.929
#1	-.00089	.00175	.00007	.00289	.00147	-.00855	.00104	.00010
#2	.00172	.00377	-.00066	.00001	.00006	-.00185	.00095	.00005
#3	-.00057	.00171	-.00065	.00098	-.00139	-.00592	.00080	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00108	-.00042	.00006	.00031	-.00042	.00002	.00792
Stddev	.00010	.01012	.00015	.00007	.00045	.00044	.00004	.00690
%RSD	113.33	934.36	36.803	125.49	145.91	106.16	209.61	87.138
#1	.00019	.00995	-.00031	.00002	.00035	-.00008	.00005	.01572
#2	-.00000	-.00326	-.00036	.00014	.00074	-.00092	.00004	.00257
#3	.00007	-.00993	-.00059	.00001	-.00016	-.00026	-.00003	.00549
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	-.00617	.00025	-.00032	-.00075	.00053	.01607
Stddev	.00004	.00045	.00468	.00019	.00006	.01989	.00033	.00160
%RSD	134.82	5124.9	75.906	74.876	18.728	2662.9	61.765	9.9864
#1	.00007	.00052	-.01149	.00045	-.00028	.01357	.00081	.01423
#2	.00002	-.00016	-.00271	.00007	-.00038	-.02346	.00061	.01718
#3	-.00001	-.00033	-.00430	.00024	-.00028	.00765	.00017	.01679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00045	-.00102	.00017	.00031	-.0004	.00018	F 1.9994
Stddev	.00211	.00216	.00083	.00141	.00017	.0014	.00005	.1427
%RSD	330.98	484.59	81.423	817.83	53.551	385.6	25.246	7.1376
#1	.00155	.00027	-.00028	.00161	.00014	.0003	.00021	2.0062
#2	-.00177	-.00162	-.00087	-.00121	.00047	.0006	.00013	2.1385
#3	.00213	.00268	-.00192	.00013	.00033	-.0020	.00021	1.8534

Sample Name: CCB04 Acquired: 5/24/2019 15:46:36 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .17187
Stddev .48583
%RSD 282.67

#1 .13737
#2 .67403
#3 -.29579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.5	47253.	4278.5	42.666	3852.9
Stddev	14.0	107.	12.2	1.675	14.5
%RSD	.38833	.22571	.28504	3.9265	.37511

#1	3588.4	47210.	4291.3	44.575	3836.4
#2	3611.0	47175.	4267.0	41.441	3863.0
#3	3614.0	47375.	4277.2	41.982	3859.4

Sample Name: K3022-01 Acquired: 5/24/2019 15:51:04 Type: Unk
Method: P4-ICP2(v3148) 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	-.00346	-.00027	.00103	.00387	-.00100	.09257	.15041	.00008
Stddev	.00210	.00015	.00087	.00201	.00070	.00777	.00114	.00001
%RSD	60.570	56.769	84.432	51.861	70.114	8.3978	.75884	9.2012

#1	-.00519	-.00044	.00201	.00407	-.00162	.09982	.14992	.00007
#2	-.00407	-.00025	.00039	.00177	-.00024	.08436	.15172	.00008
#3	-.00113	-.00013	.00068	.00578	-.00114	.09354	.14960	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00861	41.021	.00283	.00126	.02134	.09123	.69900	7.0357
Stddev	.00009	.567	.00012	.00018	.00055	.00063	.00149	.0790
%RSD	1.0815	1.3811	4.1657	14.362	2.5569	.68776	.21313	1.1224

#1	.00867	40.380	.00290	.00129	.02191	.09188	.69768	6.9688
#2	.00865	41.231	.00269	.00107	.02082	.09063	.70061	7.1228
#3	.00850	41.453	.00290	.00142	.02127	.09116	.69869	7.0156

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01047	-.00046	377.37	.00380	.45940	6.9708	.00303	.21130
Stddev	.00017	.00027	3.03	.00016	.00136	.0574	.00029	.00917
%RSD	1.6099	58.622	.80223	4.1734	.29553	.82299	9.6608	4.3406

#1	.01028	-.00038	374.65	.00380	.46081	6.9298	.00333	.20474
#2	.01052	-.00025	380.63	.00395	.45930	7.0363	.00302	.22178
#3	.01061	-.00077	376.82	.00364	.45810	6.9462	.00274	.20737

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.326	F 17.942	-.01534	.00095	.00270	.0532	.20479	4.7397
Stddev	.190	.192	.00072	.00145	.00065	.0009	.00225	.0327
%RSD	.51034	1.0692	4.7132	152.46	24.272	1.694	1.1004	.68936

#1	37.545	17.779	-.01474	.00185	.00336	.0525	.20220	4.7035
#2	37.196	17.895	-.01515	-.00072	.00267	.0542	.20581	4.7670
#3	37.238	18.154	-.01614	.00172	.00206	.0531	.20634	4.7487

Sample Name: K3022-01 Acquired: 5/24/2019 15:51:04 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .88074
Stddev .12880
%RSD 14.623

#1 .96673
#2 .94284
#3 .73266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.5	43294.	4192.5	42.323	3322.3
Stddev	9.5	120.	40.7	1.153	12.4
%RSD	.28219	.27794	.96977	2.7233	.37346

#1	3343.6	43248.	4226.0	43.418	3308.0
#2	3360.2	43203.	4204.3	41.120	3328.9
#3	3359.7	43430.	4147.3	42.430	3330.0

Sample Name: K3022-01DUP Acquired: 5/24/2019 15:55:35 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00422	-.00076	.00066	.00639	-.00121	.09640	.14952	.00005
Stddev	.00211	.00116	.00148	.00091	.00077	.01005	.00135	.00003
%RSD	49.879	151.73	223.40	14.229	63.554	10.429	.90153	71.951
#1	-.00368	-.00167	-.00105	.00692	-.00141	.10759	.14833	.00001
#2	-.00654	-.00116	.00161	.00691	-.00185	.09349	.14925	.00006
#3	-.00244	.00054	.00143	.00534	-.00036	.08812	.15098	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00866	40.914	.00274	.00126	.02104	.09323	.69937	7.1107
Stddev	.00003	.450	.00030	.00004	.00005	.00048	.00070	.1046
%RSD	.36120	1.0994	10.811	3.2022	.22801	.51371	.10078	1.4705
#1	.00864	40.400	.00302	.00124	.02099	.09309	.69916	6.9942
#2	.00863	41.232	.00278	.00130	.02106	.09283	.69879	7.1966
#3	.00869	41.111	.00243	.00123	.02108	.09376	.70016	7.1412
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01057	-.00022	370.37	.00376	.46051	7.0198	.00266	.21611
Stddev	.00013	.00015	3.70	.00049	.00059	.0629	.00021	.01030
%RSD	1.2588	69.677	.99954	13.145	.12797	.89576	7.7303	4.7655
#1	.01042	-.00035	366.17	.00353	.46044	6.9577	.00256	.20494
#2	.01067	-.00025	373.17	.00342	.46113	7.0183	.00253	.21816
#3	.01062	-.00005	371.76	.00432	.45995	7.0835	.00290	.22523
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.295	F 17.800	-.01534	.00196	.00424	.0542	.20431	4.7745
Stddev	.017	.079	.00109	.00033	.00029	.0023	.00112	.0864
%RSD	.04549	.44555	7.0976	17.057	6.7732	4.276	.54725	1.8099
#1	37.284	17.811	-.01502	.00221	.00423	.0522	.20302	4.7611
#2	37.314	17.873	-.01445	.00209	.00454	.0537	.20491	4.6955
#3	37.286	17.716	-.01656	.00158	.00396	.0568	.20501	4.8668

Sample Name: K3022-01DUP Acquired: 5/24/2019 15:55:35 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82857
Stddev	.17736
%RSD	21.406

#1	.62925
#2	.96899
#3	.88746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.1	43552.	4227.2	41.469	3327.6
Stddev	16.7	47.	10.8	.793	13.9
%RSD	.49560	.10783	.25517	1.9119	.41898

#1	3349.8	43558.	4229.1	41.095	3313.9
#2	3372.2	43595.	4215.7	42.380	3327.2
#3	3382.4	43502.	4237.0	40.932	3341.7

Sample Name: K3022-01LX5 Acquired: 5/24/2019 16:00:07 Type: Unk
Method: P4-ICP2(v3148) 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	-.00052	.00074	-.00091	.00344	.00005	.01759	.03325	.00005
Stddev	.00289	.00078	.00064	.00298	.00112	.00430	.00034	.00009
%RSD	557.47	105.82	69.936	86.633	2132.5	24.433	1.0250	185.06

#1	-.00327	.00013	-.00018	.00606	-.00108	.01376	.03322	.00011
#2	-.00076	.00162	-.00122	.00020	.00008	.02223	.03292	.00009
#3	.00248	.00047	-.00134	.00406	.00116	.01677	.03360	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	9.3965	.00032	.00028	.00495	.01999	.16313	1.5893
Stddev	.00004	.0357	.00027	.00004	.00006	.00087	.00031	.0231
%RSD	2.0186	.37940	86.128	15.601	1.3026	4.3660	.18799	1.4501

#1	.00197	9.3558	.00030	.00026	.00498	.01907	.16328	1.5667
#2	.00196	9.4111	.00060	.00025	.00488	.02008	.16278	1.5883
#3	.00190	9.4225	.00005	.00033	.00500	.02081	.16334	1.6127

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.00006	83.250	.00140	.10112	1.5966	.00046	.05629
Stddev	.00011	.00007	.408	.00019	.00107	.0273	.00012	.01324
%RSD	5.2320	111.96	.48980	13.787	1.0591	1.7092	26.697	23.527

#1	.00199	.00011	83.231	.00131	.10203	1.5651	.00043	.06183
#2	.00217	.00010	82.852	.00162	.10138	1.6116	.00059	.04118
#3	.00198	-.00002	83.667	.00126	.09994	1.6132	.00035	.06587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2100	4.2692	-.00598	.00027	.00181	.0097	.04673	2.8800
Stddev	.0933	.0554	.00044	.00095	.00062	.0018	.00015	.0115
%RSD	1.1359	1.2967	7.4355	347.78	34.063	18.41	.31477	.39890

#1	8.2824	4.3236	-.00636	-.00075	.00110	.0084	.04667	2.8863
#2	8.2427	4.2711	-.00609	.00112	.00209	.0089	.04690	2.8869
#3	8.1047	4.2129	-.00549	.00045	.00223	.0117	.04663	2.8667

Sample Name: K3022-01LX5 Acquired: 5/24/2019 16:00:07 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .42613
Stddev .20685
%RSD 48.541

#1 .36207
#2 .65742
#3 .25889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.2	46676.	4358.1	42.921	3682.0
Stddev	26.2	122.	18.4	1.666	27.7
%RSD	.73224	.26169	.42245	3.8808	.75343

#1	3556.3	46583.	4354.0	43.410	3655.9
#2	3578.6	46814.	4342.1	44.287	3679.1
#3	3608.6	46630.	4378.2	41.065	3711.1

Sample Name: K3022-01MS Acquired: 5/24/2019 16:04:30 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71258	1.7381	.87762	1.7791	.68697	1.8662	.32947	.18511
Stddev	.00113	.0019	.00084	.0057	.00249	.0061	.00128	.00061
%RSD	.15851	.10862	.09540	.32149	.36188	.32928	.38902	.32758
#1	.71153	1.7361	.87743	1.7735	.68485	1.8592	.33080	.18446
#2	.71378	1.7398	.87689	1.7789	.68971	1.8686	.32824	.18522
#3	.71242	1.7385	.87853	1.7849	.68636	1.8707	.32938	.18566
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18768	41.251	.37228	.18481	.29466	2.8575	.87153	8.7166
Stddev	.00011	.369	.00074	.00068	.00037	.0118	.00332	.0733
%RSD	.05854	.89350	.19900	.36868	.12450	.41438	.38093	.84072
#1	.18773	40.827	.37156	.18474	.29503	2.8442	.86876	8.6348
#2	.18756	41.489	.37223	.18417	.29465	2.8611	.87063	8.7762
#3	.18776	41.437	.37304	.18552	.29430	2.8671	.87521	8.7389
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46395	.06466	366.74	.28689	.63757	15.745	.36591	.49284
Stddev	.00044	.00049	.82	.00082	.00179	.025	.00043	.00609
%RSD	.09495	.75958	.22240	.28435	.28013	.15741	.11847	1.2351
#1	.46369	.06521	365.81	.28599	.63641	15.767	.36629	.49896
#2	.46446	.06453	367.35	.28710	.63962	15.749	.36544	.48678
#3	.46371	.06425	367.05	.28758	.63667	15.718	.36601	.49277
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.753	F 18.433	.61724	.18230	.18418	5.644	.37637	4.7543
Stddev	.067	.155	.00102	.00162	.00093	.002	.00159	.2407
%RSD	.18123	.84330	.16552	.89064	.50523	.0314	.42161	5.0628
#1	36.678	18.255	.61740	.18086	.18437	5.643	.37470	4.7241
#2	36.806	18.508	.61817	.18198	.18317	5.646	.37658	4.5301
#3	36.776	18.538	.61615	.18406	.18500	5.643	.37785	5.0087

Sample Name: K3022-01MS Acquired: 5/24/2019 16:04:30 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.63206
Stddev	.18531
%RSD	29.319

#1	.41838
#2	.72915
#3	.74865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.5	43756.	4218.9	41.495	3303.0
Stddev	8.6	89.	19.8	1.522	8.8
%RSD	.25596	.20442	.46939	3.6683	.26607

#1	3358.8	43658.	4241.5	42.346	3306.5
#2	3348.3	43776.	4210.8	39.738	3293.0
#3	3365.4	43834.	4204.5	42.401	3309.5

Sample Name: K3022-01MSD Acquired: 5/24/2019 16:08:43 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71177	1.7348	.87854	1.7760	.69613	1.8647	.32762	.18441
Stddev	.00392	.0029	.00244	.0042	.00176	.0205	.00085	.00025
%RSD	.55138	.16461	.27787	.23412	.25276	1.0995	.25988	.13429
#1	.71378	1.7368	.88039	1.7780	.69814	1.8602	.32778	.18448
#2	.71429	1.7361	.87946	1.7712	.69486	1.8469	.32669	.18462
#3	.70725	1.7315	.87577	1.7788	.69538	1.8871	.32837	.18414
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18765	41.338	.37157	.18507	.29400	2.8533	.86962	8.7263
Stddev	.00034	.160	.00234	.00079	.00049	.0099	.00255	.0814
%RSD	.18017	.38605	.62877	.42902	.16515	.34661	.29279	.93314
#1	.18801	41.278	.36983	.18562	.29382	2.8495	.86803	8.6391
#2	.18761	41.218	.37422	.18543	.29455	2.8646	.87256	8.7397
#3	.18734	41.519	.37065	.18416	.29363	2.8460	.86827	8.8003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46329	.06489	363.37	.28557	.63890	15.645	.36757	.46930
Stddev	.00022	.00038	5.16	.00124	.00122	.103	.00098	.00677
%RSD	.04850	.59042	1.4205	.43561	.19096	.65875	.26706	1.4427
#1	.46303	.06505	357.79	.28700	.64029	15.625	.36870	.46538
#2	.46340	.06517	367.98	.28492	.63836	15.554	.36707	.47712
#3	.46344	.06445	364.32	.28478	.63804	15.757	.36694	.46541
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.822	F 18.489	.62253	.18640	.18435	5.643	.37631	4.6499
Stddev	.086	.024	.00243	.00233	.00370	.013	.00122	.1854
%RSD	.23476	.12730	.39090	1.2504	2.0080	.2221	.32370	3.9868
#1	36.810	18.472	.62531	.18581	.18386	5.642	.37556	4.4938
#2	36.914	18.478	.62145	.18442	.18091	5.656	.37565	4.8548
#3	36.743	18.516	.62082	.18897	.18827	5.631	.37771	4.6011

Sample Name: K3022-01MSD Acquired: 5/24/2019 16:08:43 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.42625
Stddev	.13004
%RSD	30.508

#1	.57566
#2	.33862
#3	.36445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.7	43785.	4197.4	42.947	3302.8
Stddev	5.3	98.	8.6	1.009	6.5
%RSD	.15876	.22363	.20374	2.3502	.19697

#1	3351.8	43808.	4201.8	42.280	3299.2
#2	3353.5	43677.	4187.5	42.453	3298.9
#3	3361.8	43869.	4202.7	44.109	3310.3

Sample Name: K3022-01A Acquired: 5/24/2019 16:12:56 Type: Unk
Method: P4-ICP2(v3148) 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	.71894	1.7487	.88556	1.8064	.69073	1.9025	.33131	.18781
Stddev	.00295	.0047	.00294	.0012	.00351	.0191	.00140	.00046
%RSD	.41038	.26956	.33252	.06869	.50876	1.0062	.42205	.24483
#1	.71644	1.7497	.88630	1.8078	.69453	1.9239	.33287	.18832
#2	.72220	1.7436	.88232	1.8053	.69007	1.8965	.33017	.18744
#3	.71819	1.7528	.88807	1.8063	.68760	1.8870	.33089	.18766
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18946	41.444	.37747	.18712	.29680	2.9039	.87782	8.7672
Stddev	.00025	.513	.00099	.00055	.00020	.0052	.00168	.0531
%RSD	.13422	1.2367	.26156	.29589	.06904	.17841	.19136	.60516
#1	.18945	40.853	.37741	.18757	.29674	2.9021	.87915	8.8238
#2	.18922	41.743	.37652	.18651	.29664	2.9098	.87593	8.7186
#3	.18973	41.737	.37849	.18730	.29703	2.8999	.87837	8.7592
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46741	.06560	360.62	.29104	.63917	15.792	.36707	.48852
Stddev	.00084	.00041	3.78	.00163	.00239	.065	.00021	.01237
%RSD	.17899	.62642	1.0469	.55956	.37396	.41141	.05618	2.5315
#1	.46707	.06519	357.26	.28920	.64187	15.841	.36701	.47815
#2	.46679	.06560	359.89	.29231	.63833	15.719	.36689	.48520
#3	.46836	.06602	364.71	.29160	.63732	15.817	.36729	.50220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.827	F 18.520	.61687	.18579	.18816	5.703	.37910	5.1350
Stddev	.095	.238	.00103	.00182	.00382	.011	.00487	.1011
%RSD	.25810	1.2825	.16647	.97791	2.0294	.1986	1.2836	1.9688
#1	36.937	18.258	.61572	.18520	.18382	5.712	.37361	5.1049
#2	36.774	18.581	.61769	.18434	.19103	5.708	.38082	5.0524
#3	36.771	18.721	.61719	.18783	.18962	5.690	.38288	5.2477

Sample Name: K3022-01A Acquired: 5/24/2019 16:12:56 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.75326
Stddev	.33334
%RSD	44.252

#1	1.0057
#2	.87872
#3	.37540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.5	43648.	4200.2	41.474	3312.5
Stddev	11.4	140.	41.9	2.218	8.2
%RSD	.33753	.32028	.99721	5.3480	.24804

#1	3354.6	43488.	4246.8	42.629	3305.5
#2	3364.5	43744.	4188.0	38.916	3310.4
#3	3377.2	43713.	4165.7	42.875	3321.5

Sample Name: K3022-02 Acquired: 5/24/2019 16:21:59 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	.00074	.00210	.00606	.00627	.03675	.37970	.00006
Stddev	.00264	.00107	.00065	.00298	.00188	.01067	.00106	.00005
%RSD	92.224	144.39	30.973	49.126	29.982	29.027	.27827	78.298
#1	-.00499	.00094	.00216	.00620	.00842	.03741	.37964	.00012
#2	.00009	-.00041	.00272	.00302	.00493	.02577	.38079	.00004
#3	-.00367	.00170	.00142	.00897	.00547	.04708	.37868	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	215.04	.00073	.00115	.00611	.35626	.43928	31.149
Stddev	.00009	.48	.00023	.00011	.00034	.00039	.00072	.187
%RSD	9.7054	.22516	30.744	9.2399	5.5851	.10908	.16305	.60038
#1	.00102	214.48	.00064	.00103	.00608	.35670	.44010	30.935
#2	.00084	215.32	.00099	.00119	.00647	.35610	.43894	31.228
#3	.00092	215.32	.00057	.00123	.00579	.35597	.43880	31.283
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	-.00031	285.13	.00011	.10539	30.908	.00757	.96917
Stddev	.00016	.00018	3.24	.00004	.00025	.129	.00015	.01282
%RSD	5.0114	58.790	1.1376	38.824	.23458	.41720	1.9939	1.3229
#1	.00330	-.00019	282.46	.00015	.10565	30.856	.00762	.95710
#2	.00304	-.00022	288.74	.00010	.10534	31.055	.00769	.98263
#3	.00334	-.00052	284.18	.00007	.10517	30.814	.00740	.96777
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.797	F 14.357	-.01744	.00039	.01450	.0070	.92888	4.7418
Stddev	.228	.016	.00060	.00144	.00134	.0021	.00259	.2259
%RSD	.45861	.11313	3.4500	368.06	9.2240	30.64	.27853	4.7629
#1	50.014	14.350	-.01681	.00187	.01298	.0050	.92678	4.8966
#2	49.559	14.375	-.01749	-.00101	.01503	.0092	.93177	4.4827
#3	49.820	14.344	-.01801	.00031	.01550	.0067	.92810	4.8462

Sample Name: K3022-02 Acquired: 5/24/2019 16:21:59 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3774
Stddev	.2966
%RSD	21.533

#1	1.6482
#2	1.0604
#3	1.4236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.6	42452.	4121.0	40.358	3231.2
Stddev	15.1	143.	8.5	1.309	13.6
%RSD	.46197	.33737	.20701	3.2427	.42102

#1	3246.8	42390.	4116.3	39.780	3217.3
#2	3275.9	42350.	4116.0	39.439	3244.5
#3	3268.1	42616.	4130.9	41.857	3231.8

Sample Name: K3022-03 Acquired: 5/24/2019 16:26:28 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	.00003	.00130	.00298	.00121	.04165	.36652	.00004
Stddev	.00103	.00197	.00112	.00126	.00109	.00173	.00083	.00006
%RSD	54.241	5768.7	86.042	42.296	90.342	4.1581	.22697	153.54
#1	-.00250	.00230	.00230	.00301	.00150	.04297	.36731	-.00003
#2	-.00250	-.00093	.00151	.00423	.00213	.04229	.36565	.00007
#3	-.00071	-.00127	.00009	.00171	-.00000	.03969	.36659	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	207.56	.00042	.00108	.00604	.36303	.43167	30.333
Stddev	.00004	2.08	.00012	.00018	.00033	.00121	.00013	.248
%RSD	5.6455	1.0003	27.745	16.946	5.4939	.33332	.02947	.81847
#1	.00079	205.34	.00030	.00127	.00566	.36234	.43173	30.260
#2	.00079	209.44	.00043	.00104	.00621	.36232	.43153	30.129
#3	.00071	207.91	.00053	.00091	.00626	.36443	.43176	30.609
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	-.00085	274.99	-.00008	.10033	29.667	.00664	.92324
Stddev	.00050	.00027	1.91	.00021	.00017	.062	.00020	.01492
%RSD	16.468	31.321	.69292	283.73	.17435	.20924	2.9911	1.6165
#1	.00297	-.00063	273.28	-.00021	.10031	29.634	.00660	.90632
#2	.00258	-.00077	277.04	-.00018	.10017	29.630	.00686	.92884
#3	.00358	-.00114	274.66	.00017	.10051	29.739	.00646	.93455
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.086	F 13.778	-.01815	.00100	.01291	.0083	.89361	5.0778
Stddev	.100	.117	.00018	.00106	.00009	.0011	.00774	.2412
%RSD	.20769	.84989	1.0065	105.62	.71354	13.82	.86621	4.7496
#1	48.202	13.663	-.01834	.00015	.01290	.0070	.88477	5.1430
#2	48.030	13.897	-.01797	.00067	.01301	.0085	.89921	4.8107
#3	48.028	13.775	-.01815	.00219	.01282	.0092	.89683	5.2796

Sample Name: K3022-03 Acquired: 5/24/2019 16:26:28 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4187
Stddev	.2724
%RSD	19.202

#1	1.5285
#2	1.1086
#3	1.6192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.1	42957.	4175.6	40.511	3251.3
Stddev	5.4	119.	27.9	.581	6.1
%RSD	.16341	.27736	.66935	1.4334	.18789

#1	3280.2	42824.	4199.1	40.054	3245.9
#2	3290.9	42994.	4144.7	40.314	3257.9
#3	3284.2	43054.	4182.9	41.164	3250.1

Sample Name: K3022-04 Acquired: 5/24/2019 16:30:58 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00570	.00090	.00453	.00672	.00184	-.00402	.43639	.00008
Stddev	.00203	.00042	.00060	.00040	.00032	.01746	.00154	.00005
%RSD	35.546	46.923	13.162	5.9889	17.320	434.24	.35264	68.046
#1	-.00795	.00042	.00506	.00626	.00188	-.00079	.43593	.00013
#2	-.00403	.00123	.00388	.00701	.00150	-.02287	.43811	.00002
#3	-.00512	.00104	.00463	.00688	.00213	.01160	.43514	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	242.25	.03353	.00020	.05347	.21299	.50455	28.138
Stddev	.00002	3.65	.00056	.00016	.00022	.00210	.00144	.112
%RSD	1.2113	1.5054	1.6794	82.665	.41965	.98702	.28573	.39944
#1	.00169	238.16	.03292	.00002	.05321	.21187	.50382	28.049
#2	.00166	243.43	.03402	.00022	.05359	.21168	.50361	28.264
#3	.00165	245.16	.03366	.00035	.05361	.21541	.50621	28.101
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03274	-.00071	394.90	.00025	.30869	28.502	.00540	.84977
Stddev	.00024	.00017	2.89	.00023	.00021	.074	.00022	.00903
%RSD	.71842	24.216	.73177	93.899	.06723	.26082	4.0007	1.0622
#1	.03248	-.00051	396.94	.00048	.30871	28.458	.00560	.85568
#2	.03295	-.00082	391.60	.00025	.30889	28.587	.00543	.85425
#3	.03279	-.00080	396.18	.00001	.30847	28.460	.00517	.83938
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.736	F 14.170	-.00768	-.00363	.01502	.0071	1.1337	5.5070
Stddev	.057	.167	.00062	.00065	.00089	.0024	.0132	.1364
%RSD	.27669	1.1789	8.0984	17.813	5.8916	32.92	1.1644	2.4777
#1	20.762	13.998	-.00702	-.00345	.01417	.0092	1.1190	5.5732
#2	20.775	14.181	-.00778	-.00435	.01495	.0046	1.1379	5.3501
#3	20.670	14.331	-.00825	-.00309	.01594	.0077	1.1444	5.5978

Sample Name: K3022-04 Acquired: 5/24/2019 16:30:58 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0884
Stddev	.5508
%RSD	26.374

#1	1.7870
#2	2.7241
#3	1.7541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.2	42281.	4161.0	39.942	3173.8
Stddev	11.0	90.	47.8	1.149	7.6
%RSD	.33957	.21325	1.1499	2.8769	.23832

#1	3238.0	42275.	4208.0	39.131	3171.9
#2	3239.7	42375.	4162.6	41.257	3167.4
#3	3257.9	42195.	4112.3	39.439	3182.2

Sample Name: K3036-03 Acquired: 5/24/2019 16:35:27 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FEQC-FB-0523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	.00107	-.00196	-.00018	.00016	-.00928	.00068	.00008
Stddev	.00078	.00038	.00092	.00123	.00067	.00298	.00017	.00006
%RSD	126.98	35.667	46.802	702.94	420.92	32.089	24.543	70.091

#1	-.00022	.00115	-.00181	-.00128	-.00049	-.00972	.00061	.00010
#2	-.00152	.00065	-.00113	.00115	.00084	-.01202	.00056	.00002
#3	-.00011	.00140	-.00294	-.00039	.00013	-.00611	.00087	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01009	-.00025	.00014	-.00005	-.00183	-.00013	.01632
Stddev	.00006	.00467	.00009	.00003	.00022	.00043	.00004	.06749
%RSD	132.91	46.240	36.983	19.082	482.70	23.718	29.196	413.63

#1	.00007	.00982	-.00019	.00016	-.00011	-.00133	-.00014	-.06157
#2	.00008	.00557	-.00021	.00015	-.00022	-.00210	-.00009	.05308
#3	-.00002	.01489	-.00036	.00011	.00020	-.00206	-.00016	.05743

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00034	.11771	.00041	.00731	.03935	-.00015	.00078
Stddev	.00028	.00023	.00740	.00027	.00006	.02972	.00010	.01162
%RSD	63.779	68.499	6.2843	64.159	.77075	75.527	67.694	1494.8

#1	.00069	-.00033	.12353	.00069	.00733	.04730	-.00026	-.01101
#2	.00014	-.00058	.12020	.00016	.00724	.00646	-.00010	.01223
#3	.00049	-.00011	.10938	.00040	.00734	.06428	-.00008	.00111

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00618	-.00372	.00053	-.00231	-.0009	.00000	1.6877
Stddev	.00119	.00126	.00012	.00048	.00071	.0005	.00002	.0757
%RSD	121.76	20.466	3.2518	89.977	30.703	59.11	857.10	4.4880

#1	.00107	-.00483	-.00385	.00002	-.00311	-.0014	.00000	1.7519
#2	-.00026	-.00636	-.00367	.00097	-.00177	-.0003	-.00002	1.7069
#3	.00212	-.00734	-.00362	.00060	-.00204	-.0009	.00002	1.6042

Sample Name: K3036-03 Acquired: 5/24/2019 16:35:27 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FEQC-FB-0523 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.25756
Stddev	.21587
%RSD	83.817

#1	.03100
#2	.28079
#3	.46087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.3	49123.	4364.7	44.679	4092.9
Stddev	12.9	136.	18.3	1.291	29.4
%RSD	.34290	.27780	.41911	2.8895	.71773

#1	3769.9	49261.	4385.1	46.091	4108.2
#2	3765.3	48988.	4349.7	44.386	4111.5
#3	3745.6	49119.	4359.4	43.559	4059.0

Sample Name: CCV05 Acquired: 5/24/2019 16:39:55 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1173	5.1907	5.0897	5.1050	5.1011	9.9056	9.9647	.25869
Stddev	.0125	.0077	.0018	.0062	.0056	.1198	.0666	.00070
%RSD	.24436	.14854	.03530	.12209	.11079	1.2094	.66871	.27147
#1	5.1317	5.1902	5.0907	5.1107	5.1025	9.7793	10.038	.25889
#2	5.1105	5.1832	5.0908	5.1059	5.0948	9.9197	9.9082	.25791
#3	5.1096	5.1986	5.0877	5.0984	5.1059	10.018	9.9477	.25926
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5411	25.752	1.0249	2.5525	1.2823	5.1592	2.6176	25.008
Stddev	.0013	.155	.0008	.0018	.0026	.0079	.0049	.197
%RSD	.04948	.60291	.07789	.07001	.19923	.15337	.18743	.78765
#1	2.5399	25.581	1.0250	2.5535	1.2805	5.1548	2.6193	24.781
#2	2.5424	25.790	1.0241	2.5536	1.2812	5.1544	2.6121	25.112
#3	2.5411	25.884	1.0257	2.5505	1.2853	5.1683	2.6214	25.131
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5353	1.2720	24.683	2.5673	2.5622	24.491	5.1100	4.8841
Stddev	.0023	.0021	.056	.0041	.0010	.127	.0037	.0684
%RSD	.09167	.16246	.22753	.16070	.03723	.51731	.07178	1.4001
#1	2.5367	1.2703	24.624	2.5636	2.5631	24.349	5.1111	4.8069
#2	2.5366	1.2743	24.690	2.5717	2.5621	24.531	5.1130	4.9372
#3	2.5326	1.2713	24.735	2.5664	2.5612	24.593	5.1059	4.9081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0436	5.0232	5.1091	5.1214	5.0165	5.223	5.1719	F 4.2203
Stddev	.0093	.0077	.0051	.0319	.0146	.004	.0074	.1260
%RSD	.18382	.15268	.10057	.62225	.29001	.0748	.14255	2.9852
#1	5.0393	5.0298	5.1132	5.0865	4.9998	5.220	5.1652	4.1102
#2	5.0372	5.0250	5.1033	5.1490	5.0259	5.227	5.1708	4.3577
#3	5.0542	5.0148	5.1107	5.1287	5.0239	5.223	5.1798	4.1931

Sample Name: CCV05 Acquired: 5/24/2019 16:39:55 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15017 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0486
Stddev	.4176
%RSD	13.698

#1	3.3967
#2	2.5856
#3	3.1634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.8	45136.	4241.9	40.281	3412.2
Stddev	4.1	73.	24.5	2.193	3.6
%RSD	.11794	.16180	.57873	5.4436	.10631

#1	3451.3	45065.	4213.6	39.459	3409.2
#2	3453.6	45211.	4255.3	38.618	3411.1
#3	3459.3	45133.	4256.9	42.766	3416.2

Sample Name: CCB05 Acquired: 5/24/2019 16:43:59 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00131	-.00007	.00175	.00199	-.00838	.00042	.00002
Stddev	.00087	.00062	.00070	.00142	.00121	.00240	.00059	.00003
%RSD	629.55	47.064	1069.9	80.867	61.097	28.667	140.05	198.55
#1	.00066	.00196	-.00081	.00304	.00311	-.00904	.00070	.00005
#2	-.00106	.00124	.00003	.00023	.00215	-.01037	-.00026	-.00000
#3	-.00001	.00073	.00058	.00199	.00070	-.00571	.00083	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00386	-.00028	-.00001	.00012	-.00043	.00005	-.00818
Stddev	.00009	.00920	.00034	.00002	.00019	.00016	.00004	.02805
%RSD	86.289	238.53	119.88	136.02	157.43	37.701	81.912	342.83
#1	.00019	-.00519	.00009	-.00002	.00031	-.00044	.00006	-.04056
#2	.00010	.00356	-.00057	-.00003	.00014	-.00059	.00009	.00717
#3	.00001	.01320	-.00036	.00001	-.00008	-.00027	.00001	.00884
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00008	.09318	.00067	.00003	.07015	.00062	.00294
Stddev	.00019	.00046	.00728	.00019	.00010	.02060	.00038	.00940
%RSD	162.06	601.48	7.8122	27.971	342.41	29.361	61.898	319.65
#1	-.00001	-.00038	.08507	.00087	.00014	.08505	.00080	.00192
#2	.00034	-.00030	.09532	.00051	-.00001	.04665	.00087	.01281
#3	.00002	.00045	.09915	.00062	-.00005	.07876	.00018	-.00591
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	-.00145	-.00133	-.00152	.00278	-.0009	.00017	F 1.7322
Stddev	.00347	.00142	.00035	.00119	.00058	.0010	.00005	.1013
%RSD	168.36	97.926	26.104	78.339	20.966	114.2	27.840	5.8500
#1	-.00154	.00018	-.00139	-.00151	.00263	-.0010	.00022	1.6541
#2	.00233	-.00207	-.00096	-.00033	.00229	-.0018	.00014	1.6957
#3	.00538	-.00244	-.00165	-.00271	.00343	.0002	.00014	1.8467

Sample Name: CCB05 Acquired: 5/24/2019 16:43:59 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15017 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.20236
%RSD	2180.5

#1	.00024
#2	.18815
#3	-.21623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.9	47681.	4282.9	42.636	3889.7
Stddev	9.4	6.	17.4	1.433	10.9
%RSD	.25880	.01227	.40590	3.3617	.27966

#1	3634.3	47675.	4264.8	41.070	3878.3
#2	3647.8	47687.	4299.4	43.884	3890.8
#3	3652.5	47681.	4284.4	42.952	3900.0

Sample Name: K2965-07 Acquired: 5/24/2019 16:48:28 Type: Unk
Method: P4-ICP2(v3148) 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	.04337	.00607	.03719	-.00958	.01099	1165.5	.72586	.00184
Stddev	.00189	.00104	.00224	.00214	.00265	8.3	.00281	.00006
%RSD	4.3477	17.221	6.0312	22.361	24.152	.71556	.38685	3.4376
#1	.04520	.00521	.03474	-.00985	.01370	1159.3	.72691	.00176
#2	.04143	.00723	.03768	-.00731	.01089	1175.0	.72268	.00187
#3	.04349	.00576	.03915	-.01157	.00839	1162.2	.72800	.00188
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	61.955	.00777	.01047	.17976	29.855	15.419	13.968
Stddev	.00007	.703	.00041	.00020	.00073	.063	.106	.133
%RSD	20.843	1.1350	5.2795	1.9468	.40511	.20991	.68432	.95239
#1	.00030	61.145	.00730	.01064	.17955	29.782	15.324	13.914
#2	.00040	62.409	.00791	.01053	.18057	29.896	15.401	13.870
#3	.00027	62.311	.00809	.01024	.17916	29.885	15.533	14.119
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04909	.00162	65.704	.00683	.79588	4.3715	-.00352	.05046
Stddev	.00015	.00024	.137	.00028	.00195	.0283	.00055	.01950
%RSD	.31152	14.524	.20799	4.1335	.24471	.64818	15.629	38.651
#1	.04903	.00177	65.648	.00694	.79791	4.3800	-.00313	.05304
#2	.04927	.00175	65.604	.00652	.79403	4.3399	-.00415	.02979
#3	.04898	.00135	65.859	.00705	.79568	4.3946	-.00328	.06854
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.139	F 38.187	.01110	.19327	.00728	F 53.37	.21343	2.2566
Stddev	.059	.404	.00122	.00235	.00110	.12	.00188	.1573
%RSD	.14997	1.0585	11.024	1.2148	15.071	.2331	.87858	6.9710
#1	39.119	37.744	.01080	.19072	.00617	53.41	.21133	2.3966
#2	39.093	38.536	.01005	.19534	.00836	53.23	.21494	2.2869
#3	39.205	38.282	.01244	.19374	.00730	53.46	.21402	2.0864

Sample Name: K2965-07 Acquired: 5/24/2019 16:48:28 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.0491
 Stddev .3380
 %RSD 4.7948

#1 7.4207
 #2 6.7599
 #3 6.9668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.2	49606.	5185.6	41.457	3078.2
Stddev	9.8	47.	46.9	.853	7.6
%RSD	.25197	.09516	.90467	2.0564	.24764

#1	3880.8	49630.	5232.4	41.737	3069.6
#2	3866.1	49552.	5138.5	40.500	3081.0
#3	3884.7	49636.	5185.9	42.134	3084.1

Sample Name: K2980-07 Acquired: 5/24/2019 16:53:05 Type: Unk
Method: P4-ICP2(v3148) 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	.03497	.00608	.02985	-.01026	.01247	1106.4	.69320	.00158
Stddev	.00786	.00392	.00235	.00426	.00497	4.8	.00341	.00004
%RSD	22.483	64.431	7.8787	41.534	39.876	.43001	.49208	2.5920
#1	.04346	.00167	.03168	-.01336	.01308	1104.9	.69628	.00155
#2	.02794	.00915	.02720	-.01201	.00722	1111.8	.69379	.00163
#3	.03351	.00742	.03068	-.00540	.01711	1102.6	.68953	.00157
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	64.011	.00794	.00847	.15847	24.972	13.134	14.599
Stddev	.00014	.267	.00038	.00003	.00064	.022	.014	.109
%RSD	33.654	.41713	4.7723	.39978	.40333	.08621	.10898	.74505
#1	.00054	63.715	.00774	.00843	.15773	24.992	13.118	14.697
#2	.00026	64.083	.00770	.00850	.15886	24.975	13.136	14.617
#3	.00048	64.234	.00838	.00847	.15882	24.950	13.146	14.482
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04446	.00122	69.658	.00539	.74129	4.3041	-.00262	.04372
Stddev	.00028	.00032	.385	.00018	.00094	.0386	.00029	.00994
%RSD	.63298	26.476	.55238	3.2624	.12630	.89761	10.993	22.744
#1	.04476	.00114	69.999	.00552	.74159	4.3096	-.00235	.03297
#2	.04440	.00158	69.735	.00547	.74024	4.3398	-.00258	.04561
#3	.04421	.00095	69.241	.00519	.74204	4.2631	-.00292	.05259
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.278	F 36.225	.01190	.16379	.00568	F 44.76	.20869	2.0811
Stddev	.069	.288	.00303	.00225	.00068	.11	.00069	.0313
%RSD	.20862	.79405	25.452	1.3721	12.033	.2356	.33295	1.5036
#1	33.358	35.936	.00907	.16294	.00490	44.88	.20791	2.0850
#2	33.231	36.227	.01155	.16633	.00593	44.73	.20923	2.1102
#3	33.246	36.511	.01510	.16208	.00619	44.68	.20893	2.0480

Sample Name: K2980-07 Acquired: 5/24/2019 16:53:05 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1787
Stddev	.6100
%RSD	9.8725

#1	5.9359
#2	6.8728
#3	5.7276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.5	49306.	5133.0	41.794	3095.4
Stddev	11.4	278.	18.3	.516	4.2
%RSD	.29638	.56405	.35553	1.2358	.13495

#1	3853.3	49035.	5151.4	42.386	3091.1
#2	3836.7	49292.	5132.8	41.564	3095.8
#3	3858.5	49591.	5114.9	41.433	3099.4

Sample Name: K2980-07DUP Acquired: 5/24/2019 16:57:42 Type: Unk
Method: P4-ICP2(v3148) 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	.03107	.00887	.03121	-.01649	.01202	1091.3	.68384	.00162
Stddev	.00116	.00169	.00066	.00357	.00179	3.0	.00435	.00003
%RSD	3.7426	19.056	2.1130	21.673	14.850	.27716	.63618	2.0642
#1	.03018	.00970	.03196	-.01953	.01059	1088.7	.68401	.00160
#2	.03239	.00998	.03096	-.01737	.01402	1090.6	.68810	.00159
#3	.03065	.00692	.03071	-.01255	.01146	1094.6	.67940	.00165
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	64.011	.00760	.00852	.15785	24.818	13.095	14.432
Stddev	.00004	.374	.00013	.00042	.00105	.045	.074	.136
%RSD	12.416	.58354	1.7032	4.9707	.66686	.18141	.56345	.94254
#1	.00032	63.679	.00748	.00813	.15706	24.785	13.010	14.389
#2	.00030	63.938	.00774	.00847	.15744	24.800	13.131	14.584
#3	.00025	64.416	.00758	.00897	.15904	24.869	13.143	14.322
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04335	.00172	68.880	.00524	.73435	4.1965	-.00366	.03227
Stddev	.00048	.00032	.328	.00030	.00373	.0266	.00064	.00467
%RSD	1.0968	18.600	.47570	5.6494	.50820	.63457	17.341	14.467
#1	.04281	.00158	68.905	.00490	.73618	4.1977	-.00296	.03270
#2	.04371	.00149	69.194	.00544	.73682	4.2225	-.00386	.03670
#3	.04353	.00208	68.540	.00538	.73006	4.1693	-.00418	.02740
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.015	F 36.309	.01065	.16209	.00516	F 44.32	.20764	2.3214
Stddev	.238	.345	.00075	.00127	.00085	.33	.00087	.0365
%RSD	.72241	.94923	7.0217	.78399	16.415	.7364	.41740	1.5727
#1	33.120	36.130	.01144	.16064	.00449	44.48	.20690	2.3268
#2	33.182	36.092	.01054	.16258	.00487	44.53	.20742	2.2824
#3	32.742	36.707	.00996	.16303	.00611	43.94	.20859	2.3549

Sample Name: K2980-07DUP Acquired: 5/24/2019 16:57:42 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8331
Stddev	.5572
%RSD	9.5525

#1	5.4835
#2	5.5401
#3	6.4756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.7	49741.	5136.9	42.533	3117.3
Stddev	4.1	249.	20.3	1.696	20.0
%RSD	.10509	.50157	.39533	3.9862	.64214

#1	3851.1	49545.	5142.8	43.178	3109.2
#2	3857.5	49655.	5153.6	40.610	3102.6
#3	3858.6	50022.	5114.3	43.812	3140.1

Sample Name: K2980-07LX5 Acquired: 5/24/2019 17:02:20 Type: Unk
Method: P4-ICP2(v3148) 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	.00817	.00117	.00823	-.00030	.00306	235.71	.14672	.00039
Stddev	.00252	.00073	.00042	.00159	.00055	1.58	.00068	.00005
%RSD	30.843	61.914	5.1065	534.55	17.798	.66948	.46680	12.176

#1	.00622	.00043	.00784	.00129	.00305	233.96	.14598	.00035
#2	.00728	.00189	.00817	-.00029	.00252	236.14	.14687	.00045
#3	.01102	.00120	.00867	-.00189	.00361	237.03	.14733	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	14.932	.00136	.00152	.03875	5.8355	3.2139	3.2074
Stddev	.00004	.071	.00025	.00014	.00051	.0016	.0064	.0440
%RSD	193.80	.47599	18.633	9.3528	1.3143	.02703	.19930	1.3721

#1	-.00001	14.851	.00160	.00168	.03826	5.8360	3.2079	3.1566
#2	.00001	14.986	.00139	.00147	.03927	5.8337	3.2132	3.2345
#3	-.00006	14.957	.00109	.00140	.03872	5.8367	3.2206	3.2310

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00838	.00019	14.802	.00148	.14250	.92029	-.00088	.01020
Stddev	.00015	.00029	.017	.00018	.00081	.04233	.00015	.00999
%RSD	1.7854	154.75	.11478	11.869	.56721	4.5993	17.495	97.950

#1	.00855	-.00004	14.796	.00133	.14157	.91776	-.00071	.01084
#2	.00827	.00009	14.789	.00144	.14302	.96382	-.00096	.01986
#3	.00832	.00051	14.821	.00168	.14291	.87928	-.00098	-.00009

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5158	8.8144	.00042	.03641	-.00003	9.029	.04816	2.8279
Stddev	.0262	.0327	.00106	.00060	.00102	.016	.00017	.0896
%RSD	.40192	.37131	249.06	1.6523	3228.6	.1776	.34453	3.1689

#1	6.4882	8.8229	.00104	.03710	-.00041	9.014	.04832	2.8805
#2	6.5402	8.8421	-.00080	.03604	.00112	9.028	.04817	2.7244
#3	6.5191	8.7783	.00103	.03608	-.00081	9.046	.04799	2.8787

Sample Name: K2980-07LX5 Acquired: 5/24/2019 17:02:20 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0641
Stddev	.4585
%RSD	43.089

#1	1.0559
#2	.60972
#3	1.5266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3733.5	48875.	4665.8	43.228	3601.5
Stddev	14.3	54.	20.9	1.328	16.8
%RSD	.38234	.11128	.44753	3.0727	.46752

#1	3735.0	48905.	4674.3	44.636	3588.1
#2	3718.6	48812.	4642.0	41.997	3620.4
#3	3747.0	48908.	4681.1	43.050	3596.0

Sample Name: K2980-07MS Acquired: 5/24/2019 17:06:46 Type: Unk
Method: P4-ICP2(v3148) 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	.73855	1.9937	1.0399	1.8179	.67172	1100.7	.89030	.19234
Stddev	.00826	.0066	.0019	.0066	.00193	13.3	.00667	.00069
%RSD	1.1184	.33185	.17942	.36362	.28761	1.2045	.74913	.35637
#1	.74801	2.0005	1.0411	1.8255	.67191	1099.5	.88533	.19233
#2	.73483	1.9935	1.0409	1.8139	.67355	1114.5	.89788	.19304
#3	.73280	1.9873	1.0378	1.8142	.66970	1088.1	.88770	.19167
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20623	64.526	.36609	.22057	.41065	27.785	13.397	16.233
Stddev	.00092	.849	.00062	.00052	.00111	.053	.133	.146
%RSD	.44632	1.3157	.17025	.23689	.27025	.19066	.99007	.89984
#1	.20696	63.577	.36537	.22096	.41111	27.828	13.362	16.074
#2	.20519	64.786	.36647	.22077	.40939	27.802	13.544	16.362
#3	.20653	65.214	.36644	.21998	.41146	27.726	13.286	16.262
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55909	.06972	72.421	.27635	.92757	13.623	.33002	.30850
Stddev	.00110	.00061	.498	.00026	.00708	.046	.00055	.02060
%RSD	.19723	.87049	.68742	.09331	.76308	.33555	.16731	6.6790
#1	.56036	.06922	72.220	.27657	.93493	13.662	.33063	.32221
#2	.55854	.06954	72.987	.27606	.92082	13.636	.32956	.28481
#3	.55838	.07039	72.054	.27641	.92695	13.573	.32986	.31848
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.203	F 35.916	.71837	.33826	.18259	F 50.62	.38149	2.6374
Stddev	.247	.351	.00114	.00557	.00140	.37	.00366	.0675
%RSD	.74329	.97757	.15831	1.6458	.76528	.7378	.95905	2.5581
#1	33.464	35.557	.71893	.33324	.18175	50.99	.37729	2.6843
#2	32.974	35.934	.71913	.33729	.18181	50.24	.38397	2.5601
#3	33.171	36.258	.71706	.34424	.18420	50.64	.38322	2.6679

Sample Name: K2980-07MS Acquired: 5/24/2019 17:06:46 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.2019
Stddev .2676
%RSD 5.1446

#1 4.9425
#2 5.4770
#3 5.1863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3814.6	49126.	5124.0	42.478	3071.8
Stddev	32.1	381.	34.1	2.220	24.2
%RSD	.84129	.77532	.66586	5.2272	.78834

#1	3786.7	49006.	5163.3	43.552	3047.4
#2	3849.7	48820.	5103.0	39.925	3095.8
#3	3807.5	49552.	5105.6	43.958	3072.1

Sample Name: K2980-07MSD Acquired: 5/24/2019 17:11:13 Type: Unk
Method: P4-ICP2(v3148) 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	.72609	1.9520	1.0213	1.7799	.65226	1090.0	.86778	.18824
Stddev	.00782	.0071	.0016	.0034	.00328	17.3	.00599	.00097
%RSD	1.0773	.36157	.16006	.18976	.50355	1.5842	.69065	.51320
#1	.71853	1.9440	1.0213	1.7836	.65032	1073.1	.86251	.18731
#2	.73415	1.9574	1.0196	1.7791	.65041	1089.2	.87430	.18924
#3	.72559	1.9545	1.0229	1.7770	.65605	1107.6	.86652	.18817
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20219	64.558	.36045	.21576	.40644	27.123	13.119	16.048
Stddev	.00051	.574	.00149	.00062	.00091	.067	.064	.092
%RSD	.25037	.88881	.41458	.28752	.22290	.24649	.48435	.57126
#1	.20254	63.931	.35903	.21570	.40685	27.046	13.049	15.944
#2	.20161	64.686	.36201	.21516	.40540	27.166	13.135	16.084
#3	.20243	65.058	.36031	.21640	.40706	27.157	13.173	16.116
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54945	.06897	71.345	.27172	.91530	13.370	.32373	.30769
Stddev	.00090	.00037	.345	.00110	.00187	.062	.00101	.00417
%RSD	.16400	.54337	.48426	.40632	.20436	.46183	.31293	1.3541
#1	.54842	.06913	71.003	.27045	.91661	13.299	.32441	.31250
#2	.55004	.06854	71.694	.27235	.91316	13.405	.32421	.30547
#3	.54991	.06923	71.337	.27237	.91614	13.407	.32256	.30510
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.684	F 36.656	.69772	.32763	.18159	F 49.81	.37791	1.7854
Stddev	.057	.254	.00424	.00354	.00111	.09	.00269	.1618
%RSD	.17421	.69283	.60750	1.0812	.61287	.1822	.71218	9.0627
#1	32.714	36.453	.69994	.32441	.18219	49.88	.37495	1.9721
#2	32.721	36.575	.69283	.32706	.18031	49.71	.37858	1.6870
#3	32.619	36.941	.70038	.33143	.18228	49.85	.38020	1.6971

Sample Name: K2980-07MSD Acquired: 5/24/2019 17:11:13 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8232
Stddev	.4394
%RSD	9.1106

#1	5.0096
#2	5.1388
#3	4.3214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3809.2	49299.	5060.1	41.157	3090.3
Stddev	14.2	149.	18.4	.074	9.4
%RSD	.37356	.30259	.36353	.18021	.30503

#1	3800.2	49165.	5056.6	41.225	3086.1
#2	3825.6	49273.	5080.0	41.078	3101.1
#3	3801.6	49460.	5043.7	41.168	3083.7

Sample Name: K2980-07A Acquired: 5/24/2019 17:15:39 Type: Unk
Method: P4-ICP2(v3148) 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	.72923	1.9547	1.0205	1.7826	.65499	1104.7	.87159	.18841
Stddev	.00227	.0133	.0025	.0088	.00920	13.2	.00229	.00075
%RSD	.31072	.68140	.24232	.49582	1.4053	1.1985	.26227	.39897
#1	.72873	1.9405	1.0204	1.7791	.66264	1109.1	.86914	.18789
#2	.73170	1.9568	1.0231	1.7927	.65755	1115.2	.87197	.18927
#3	.72725	1.9669	1.0182	1.7761	.64477	1089.9	.87367	.18807
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20215	64.434	.36066	.21620	.40637	27.216	13.157	16.132
Stddev	.00055	.410	.00164	.00032	.00225	.039	.087	.117
%RSD	.27382	.63656	.45452	.14947	.55356	.14398	.66507	.72622
#1	.20223	64.238	.35877	.21617	.40741	27.171	13.078	16.057
#2	.20156	64.158	.36164	.21589	.40791	27.235	13.251	16.073
#3	.20266	64.905	.36158	.21654	.40379	27.242	13.142	16.267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54861	.06852	71.670	.27153	.91494	13.334	.32353	.29985
Stddev	.00043	.00038	.276	.00026	.00185	.107	.00213	.00881
%RSD	.07914	.54933	.38560	.09483	.20216	.79997	.65944	2.9385
#1	.54895	.06894	71.356	.27164	.91457	13.227	.32389	.30664
#2	.54812	.06823	71.774	.27172	.91330	13.440	.32546	.30301
#3	.54875	.06838	71.879	.27124	.91694	13.336	.32124	.28989
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.675	F 36.262	.69787	.32707	.17973	F 49.79	.37682	2.0980
Stddev	.081	.230	.00045	.00325	.00183	.14	.00279	.1760
%RSD	.24901	.63391	.06405	.99325	1.0157	.2883	.74114	8.3903
#1	32.599	36.330	.69736	.32380	.17763	49.76	.37620	2.0606
#2	32.666	36.006	.69817	.32709	.18056	49.67	.37440	1.9437
#3	32.761	36.451	.69809	.33030	.18099	49.95	.37988	2.2898

Sample Name: K2980-07A Acquired: 5/24/2019 17:15:39 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8400
Stddev .7195
%RSD 14.866

#1 4.1049
#2 5.5429
#3 4.8721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3809.0	49181.	5082.0	42.235	3087.0
Stddev	20.1	115.	33.1	1.351	13.9
%RSD	.52650	.23381	.65081	3.1980	.44873

#1	3787.8	49058.	5065.7	40.682	3073.8
#2	3811.6	49198.	5120.0	42.888	3101.5
#3	3827.6	49286.	5060.2	43.136	3085.8

Sample Name: K2994-03DLX10 Acquired: 5/24/2019 17:20:06 Type: Unk
Method: P4-ICP2(v3148) 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	.00867	.00148	3.8578	.00127	.00677	5.7165	.22478	.00116
Stddev	.00163	.00086	.0257	.00166	.00061	.0218	.00082	.00007
%RSD	18.833	58.152	.66700	130.55	9.0775	.38150	.36595	6.3887
#1	.00707	.00102	3.8531	.00307	.00606	5.6919	.22389	.00109
#2	.00861	.00095	3.8348	-.00021	.00716	5.7335	.22552	.00115
#3	.01033	.00247	3.8856	.00096	.00708	5.7240	.22493	.00123
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	9.7726	.36291	.01532	.08192	27.477	.26646	2.8355
Stddev	.00002	.0361	.00136	.00017	.00032	.058	.00026	.0677
%RSD	3.0451	.36982	.37478	1.1139	.39392	.21165	.09740	2.3881
#1	-.00076	9.7357	.36431	.01548	.08197	27.542	.26666	2.8490
#2	-.00072	9.7742	.36159	.01514	.08221	27.430	.26655	2.7620
#3	-.00076	9.8079	.36283	.01534	.08157	27.459	.26616	2.8954
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03663	.00075	1.3020	.02235	.26493	.76941	.00101	.01346
Stddev	.00015	.00022	.0032	.00032	.00101	.00320	.00025	.00932
%RSD	.42042	29.391	.24708	1.4192	.38307	.41646	24.289	69.236
#1	.03680	.00053	1.2995	.02268	.26461	.76966	.00125	.01226
#2	.03657	.00075	1.3056	.02205	.26412	.77248	.00076	.02332
#3	.03651	.00097	1.3009	.02233	.26607	.76609	.00102	.00480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.390	.22355	.00789	.17790	.01196	.4384	.00653	2.4254
Stddev	.164	.00401	.00112	.00234	.00085	.0007	.00021	.0781
%RSD	.94195	1.7927	14.219	1.3137	7.0633	.1557	3.1532	3.2196
#1	17.358	.22801	.00758	.17606	.01109	.4390	.00633	2.3688
#2	17.244	.22025	.00695	.17710	.01277	.4377	.00674	2.5145
#3	17.567	.22238	.00913	.18053	.01203	.4386	.00652	2.3929

Sample Name: K2994-03DLX10 Acquired: 5/24/2019 17:20:06 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.4349
Stddev	.2450
%RSD	2.5965

#1	9.7132
#2	9.2520
#3	9.3395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.0	48480.	4417.8	43.127	3789.1
Stddev	18.7	193.	32.9	.648	22.7
%RSD	.51184	.39905	.74393	1.5031	.59890

#1	3641.4	48268.	4380.7	43.836	3778.0
#2	3677.1	48648.	4443.2	42.977	3815.2
#3	3649.4	48524.	4429.5	42.566	3774.2

Sample Name: K2970-15DLX10 Acquired: 5/24/2019 17:24:23 Type: Unk
Method: P4-ICP2(v3148) 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	.01709	-.00096	.32165	.00291	.00062	25.512	1.8494	.00471
Stddev	.00073	.00143	.00208	.00240	.00131	.054	.0025	.00013
%RSD	4.2907	149.59	.64713	82.356	211.67	.21157	.13637	2.6955

#1	.01629	.00013	.31947	.00568	.00131	25.453	1.8467	.00483
#2	.01773	-.00257	.32361	.00163	-.00090	25.522	1.8517	.00471
#3	.01725	-.00043	.32187	.00143	.00145	25.560	1.8497	.00457

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01704	78.699	.73310	.25677	1.7800	112.79	4.6158	14.496
Stddev	.00008	.169	.00025	.00016	.0062	.07	.0393	.129
%RSD	.45129	.21447	.03467	.06108	.34617	.06371	.85078	.88796

#1	.01696	78.568	.73281	.25686	1.7786	112.75	4.6350	14.378
#2	.01711	78.640	.73328	.25659	1.7868	112.75	4.5706	14.633
#3	.01706	78.890	.73322	.25687	1.7747	112.88	4.6417	14.477

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69909	-.00061	30.407	.16541	1.1109	4.4212	.00187	.07434
Stddev	.00081	.00015	.035	.00031	.0019	.0479	.00033	.01362
%RSD	.11597	25.278	.11437	.18764	.16975	1.0832	17.375	18.321

#1	.69819	-.00053	30.401	.16520	1.1131	4.4724	.00168	.09007
#2	.69930	-.00079	30.444	.16525	1.1102	4.4136	.00225	.06652
#3	.69977	-.00051	30.375	.16576	1.1095	4.3776	.00169	.06644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9810	.65275	.03611	1.5691	.04364	2.768	.54013	2.1710
Stddev	.0119	.00510	.00090	.0026	.00083	.003	.00069	.1277
%RSD	.16986	.78200	2.4953	.16836	1.9024	.1160	.12791	5.8796

#1	6.9940	.64892	.03691	1.5665	.04269	2.771	.53942	2.1967
#2	6.9781	.65855	.03514	1.5718	.04418	2.767	.54018	2.0325
#3	6.9708	.65079	.03629	1.5689	.04407	2.765	.54079	2.2839

Sample Name: K2970-15DLX10 Acquired: 5/24/2019 17:24:23 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	39.447
Stddev	.512
%RSD	1.2971

#1	38.989
#2	40.000
#3	39.352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.7	47126.	4451.9	41.138	3430.0
Stddev	12.6	284.	25.2	1.587	.4
%RSD	.35433	.60307	.56505	3.8569	.01192

#1	3567.4	46842.	4425.4	39.585	3429.8
#2	3544.2	47125.	4454.8	41.071	3429.8
#3	3564.4	47411.	4475.5	42.756	3430.5

Sample Name: K2970-17DLX10 Acquired: 5/24/2019 17:28:43 Type: Unk
Method: P4-ICP2(v3148) 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	.00261	.00151	.01719	-.00017	.00134	.61759	.41138	.00018
Stddev	.00179	.00093	.00021	.00124	.00066	.03611	.00328	.00003
%RSD	68.537	61.167	1.2095	744.60	49.640	5.8470	.79708	16.386

#1	.00095	.00045	.01740	-.00132	.00113	.62475	.40769	.00020
#2	.00237	.00202	.01718	.00114	.00080	.64959	.41395	.00014
#3	.00450	.00208	.01699	-.00032	.00208	.57844	.41252	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	36.851	.00083	.00054	.00444	.56108	.28183	4.7813
Stddev	.00005	.211	.00020	.00021	.00022	.00835	.00092	.0629
%RSD	441.00	.57161	23.686	38.271	5.0300	1.4878	.32624	1.3156

#1	-.00006	36.611	.00096	.00077	.00464	.55374	.28129	4.8116
#2	.00005	36.941	.00092	.00038	.00448	.57016	.28290	4.8233
#3	-.00002	37.002	.00060	.00047	.00420	.55934	.28131	4.7089

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	.00016	241.76	.00166	.02423	3.9136	.00141	.03536
Stddev	.00024	.00038	.63	.00010	.00019	.0097	.00017	.01367
%RSD	55.001	237.31	.26190	5.9681	.76871	.24657	12.015	38.647

#1	-.00040	.00025	241.04	.00174	.02436	3.9242	.00122	.02150
#2	-.00021	-.00025	242.20	.00169	.02431	3.9054	.00154	.03576
#3	-.00068	.00049	242.06	.00155	.02401	3.9110	.00147	.04883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23905	2.6965	-.00006	.03394	.02069	.0225	.28583	4.0600
Stddev	.00318	.0096	.00109	.00424	.00186	.0008	.00221	.1283
%RSD	1.3302	.35628	1809.4	12.487	9.0101	3.516	.77312	3.1608

#1	.23538	2.6921	.00040	.03009	.01866	.0230	.28336	4.1926
#2	.24107	2.6899	.00072	.03848	.02107	.0215	.28653	3.9364
#3	.24069	2.7075	-.00131	.03325	.02233	.0228	.28761	4.0511

Sample Name: K2970-17DLX10 Acquired: 5/24/2019 17:28:43 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .91303
 Stddev .21230
 %RSD 23.252

#1 1.1544
 #2 .82922
 #3 .75542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.6	44345.	4278.6	40.840	3368.8
Stddev	14.4	83.	6.6	.642	8.0
%RSD	.42131	.18710	.15474	1.5712	.23818

#1	3412.0	44351.	4282.2	41.236	3363.4
#2	3416.8	44259.	4282.7	41.184	3364.9
#3	3439.0	44425.	4271.0	40.099	3378.0

Sample Name: CCV06 Acquired: 5/24/2019 17:33:16 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15018 Custom ID2: Custom ID3:
Comment: 0

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0776	5.1432	5.0470	5.0454	5.0643	9.7831	9.7820	.25654
Stddev	.0115	.0071	.0060	.0161	.0174	.0694	.0598	.00049
%RSD	.22639	.13812	.11881	.31926	.34369	.70960	.61099	.19224
#1	5.0827	5.1501	5.0471	5.0469	5.0749	9.7030	9.8394	.25661
#2	5.0858	5.1435	5.0409	5.0607	5.0738	9.8264	9.7202	.25602
#3	5.0645	5.1359	5.0529	5.0286	5.0442	9.8198	9.7864	.25700
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5197	25.440	1.0110	2.5360	1.2704	5.0885	2.5942	24.649
Stddev	.0038	.064	.0039	.0040	.0053	.0156	.0046	.258
%RSD	.15079	.25178	.38716	.15637	.42045	.30622	.17571	1.0452
#1	2.5241	25.367	1.0095	2.5374	1.2706	5.0865	2.5945	24.352
#2	2.5175	25.486	1.0081	2.5315	1.2756	5.0739	2.5895	24.810
#3	2.5174	25.468	1.0155	2.5391	1.2649	5.1049	2.5986	24.785
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5080	1.2461	24.538	2.5240	2.5488	24.127	5.0444	4.7801
Stddev	.0039	.0032	.137	.0090	.0030	.106	.0171	.0308
%RSD	.15391	.26102	.55727	.35831	.11614	.43787	.33954	.64408
#1	2.5122	1.2457	24.426	2.5177	2.5494	24.019	5.0508	4.7488
#2	2.5046	1.2431	24.497	2.5200	2.5456	24.132	5.0574	4.8104
#3	2.5073	1.2496	24.690	2.5344	2.5514	24.231	5.0250	4.7809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9751	4.9845	5.0762	5.0826	4.9736	5.173	5.1212	F 3.8458
Stddev	.0040	.0181	.0082	.0036	.0111	.012	.0072	.0989
%RSD	.08062	.36225	.16105	.07089	.22236	.2393	.14064	2.5713
#1	4.9779	5.0053	5.0765	5.0846	4.9863	5.186	5.1293	3.7320
#2	4.9705	4.9729	5.0679	5.0848	4.9678	5.170	5.1188	3.9105
#3	4.9769	4.9753	5.0843	5.0785	4.9666	5.162	5.1155	3.8950

Sample Name: CCV06 Acquired: 5/24/2019 17:33:16 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15018 Custom ID2: Custom ID3:
Comment: 0

Elem U_3859
Units ppm
Avg F 2.9239
Stddev .2733
%RSD 9.3460

#1 3.0635
#2 3.0992
#3 2.6091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.0	45585.	4261.2	40.835	3419.0
Stddev	10.8	134.	18.8	.291	.8
%RSD	.31375	.29312	.44134	.71276	.02384

#1	3456.0	45584.	4240.3	40.586	3418.0
#2	3445.2	45719.	4276.7	40.764	3419.4
#3	3466.8	45452.	4266.6	41.155	3419.4

Sample Name: CCB06 Acquired: 5/24/2019 17:37:20 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00097	-.00061	-.00077	.00138	-.00890	.00082	.00007
Stddev	.00214	.00011	.00072	.00190	.00166	.00812	.00025	.00002
%RSD	185.18	11.897	117.63	246.23	119.96	91.246	30.817	26.040
#1	.00118	.00109	-.00130	.00005	.00243	-.01610	.00056	.00009
#2	-.00100	.00086	.00013	.00058	-.00053	-.01051	.00107	.00008
#3	.00329	.00094	-.00066	-.00295	.00224	-.00009	.00084	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00385	-.00016	.00001	.00001	.00052	-.00002	-.02217
Stddev	.00002	.01718	.00033	.00014	.00023	.00010	.00005	.08088
%RSD	87.857	445.83	205.52	1175.3	2646.3	19.036	218.63	364.79
#1	.00000	.01074	.00005	-.00014	.00001	.00041	-.00008	.04856
#2	.00003	.00049	.00000	.00005	.00024	.00055	-.00002	-.11034
#3	.00003	-.02279	-.00053	.00013	-.00022	.00059	.00003	-.00473
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00003	.03584	.00034	-.00028	-.00966	.00057	.01048
Stddev	.00011	.00029	.00174	.00020	.00007	.02309	.00023	.00703
%RSD	185.44	872.70	4.8626	59.302	24.037	239.07	41.258	67.068
#1	-.00016	.00033	.03494	.00015	-.00020	.01202	.00083	.01769
#2	.00006	-.00026	.03473	.00032	-.00032	-.00705	.00044	.01009
#3	-.00007	.00003	.03785	.00055	-.00032	-.03394	.00042	.00365
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	-.00042	-.00148	-.00108	-.00058	-.0007	.00007	F 2.6452
Stddev	.00217	.00140	.00058	.00154	.00214	.0012	.00003	.0590
%RSD	203.08	334.80	38.924	142.66	368.35	179.2	42.331	2.2310
#1	.00295	.00118	-.00096	-.00275	-.00193	.0007	.00010	2.7105
#2	-.00130	-.00098	-.00139	.00027	.00189	-.0017	.00004	2.5957
#3	.00156	-.00146	-.00210	-.00076	-.00170	-.0011	.00007	2.6293

Sample Name: CCB06 Acquired: 5/24/2019 17:37:20 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .20711
Stddev	.08423
%RSD	40.669

#1	.22532
#2	.28075
#3	.11527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.7	47906.	4306.9	43.508	3869.7
Stddev	1.7	350.	30.4	1.504	6.2
%RSD	.04783	.73066	.70647	3.4578	.15961

#1	3620.1	47502.	4280.0	44.368	3874.0
#2	3622.6	48127.	4300.8	41.770	3872.6
#3	3619.3	48089.	4339.9	44.384	3862.6

Sample Name: K3022-05 Acquired: 5/24/2019 17:41:49 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00439	-.00041	.00076	.00552	.00049	.08317	.16052	.00001
Stddev	.00281	.00070	.00171	.00157	.00211	.00581	.00029	.00006
%RSD	64.142	173.46	225.17	28.491	433.04	6.9898	.17968	617.05

#1	-.00234	.00030	.00225	.00372	-.00161	.08893	.16053	.00004
#2	-.00322	-.00111	.00114	.00659	.00047	.08327	.16022	.00004
#3	-.00760	-.00040	-.00111	.00626	.00260	.07730	.16080	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00929	43.150	.00279	.00135	.02103	.05883	.75364	7.3885
Stddev	.00003	.393	.00045	.00011	.00046	.00086	.00044	.0263
%RSD	.29489	.91033	16.182	8.2720	2.1640	1.4670	.05793	.35617

#1	.00931	42.698	.00233	.00140	.02153	.05878	.75412	7.4135
#2	.00929	43.347	.00323	.00123	.02092	.05972	.75327	7.3611
#3	.00926	43.405	.00279	.00144	.02064	.05800	.75353	7.3909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01129	.00001	395.27	.00385	.49577	7.2268	.00323	.23142
Stddev	.00024	.00027	2.95	.00053	.00097	.0790	.00039	.00183
%RSD	2.1645	3767.3	.74693	13.869	.19536	1.0939	12.100	.78913

#1	.01119	.00018	392.61	.00418	.49639	7.2264	.00366	.22991
#2	.01111	.00015	398.45	.00323	.49628	7.1479	.00289	.23089
#3	.01157	-.00031	394.76	.00414	.49466	7.3060	.00316	.23345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.960	F 18.196	-.01469	.00049	.00215	.0495	.21592	5.3060
Stddev	.020	.223	.00048	.00176	.00062	.0001	.00118	.1728
%RSD	.05022	1.2255	3.2623	363.22	29.021	.1173	.54504	3.2567

#1	38.943	17.956	-.01433	.00064	.00149	.0495	.21456	5.4637
#2	38.981	18.235	-.01452	-.00135	.00225	.0496	.21662	5.3331
#3	38.955	18.397	-.01524	.00216	.00272	.0495	.21657	5.1213

Sample Name: K3022-05 Acquired: 5/24/2019 17:41:49 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2409
Stddev	.1110
%RSD	8.9450

#1	1.1267
#2	1.3484
#3	1.2475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.8	43799.	4305.6	42.760	3310.0
Stddev	9.3	175.	37.7	.884	10.0
%RSD	.27882	.39871	.87672	2.0676	.30306

#1	3329.4	43606.	4347.4	43.089	3298.6
#2	3338.9	43842.	4295.2	43.432	3314.1
#3	3348.0	43947.	4274.1	41.758	3317.4

Sample Name: K3022-05DUP Acquired: 5/24/2019 17:46:21 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00445	-.00031	-.00017	.00628	-.00048	.07589	.15930	.00009
Stddev	.00163	.00075	.00139	.00252	.00220	.00033	.00065	.00004
%RSD	36.533	240.42	801.28	40.135	460.22	.43344	.40797	51.041
#1	-.00271	-.00116	-.00061	.00546	-.00298	.07568	.15900	.00005
#2	-.00472	.00027	.00138	.00911	.00040	.07627	.15885	.00008
#3	-.00593	-.00005	-.00129	.00428	.00114	.07572	.16004	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00941	42.973	.00278	.00137	.02112	.05904	.75296	7.4808
Stddev	.00007	.210	.00042	.00014	.00027	.00053	.00146	.0590
%RSD	.74901	.48890	15.156	10.149	1.2670	.89573	.19447	.78805
#1	.00939	42.731	.00231	.00138	.02124	.05886	.75465	7.4365
#2	.00935	43.077	.00311	.00123	.02081	.05863	.75208	7.4581
#3	.00948	43.111	.00291	.00150	.02130	.05964	.75214	7.5477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01109	.00005	390.40	.00392	.49382	7.2069	.00296	.20839
Stddev	.00040	.00019	3.49	.00007	.00178	.0735	.00021	.01623
%RSD	3.5879	354.65	.89316	1.7521	.36002	1.0199	7.0899	7.7869
#1	.01150	.00003	386.54	.00400	.49466	7.1293	.00272	.22323
#2	.01108	.00025	393.31	.00388	.49177	7.2159	.00307	.19106
#3	.01070	-.00012	391.37	.00388	.49501	7.2755	.00309	.21089
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.838	F 18.266	-.01586	.00054	.00206	.0481	.21555	5.1182
Stddev	.116	.155	.00045	.00192	.00257	.0011	.00152	.0490
%RSD	.29926	.85101	2.8226	356.09	124.86	2.256	.70723	.95693
#1	38.863	18.128	-.01564	-.00136	-.00008	.0469	.21379	5.1415
#2	38.711	18.435	-.01637	.00049	.00492	.0491	.21632	5.1513
#3	38.939	18.236	-.01556	.00249	.00135	.0482	.21654	5.0620

Sample Name: K3022-05DUP Acquired: 5/24/2019 17:46:21 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0452
Stddev	.1373
%RSD	13.132

#1	1.1344
#2	.88712
#3	1.1140

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.8	43821.	4286.2	41.671	3323.6
Stddev	6.8	72.	29.1	1.934	8.6
%RSD	.20366	.16522	.67891	4.6414	.25769

#1	3351.6	43895.	4312.9	43.882	3317.1
#2	3364.6	43817.	4255.2	40.292	3333.3
#3	3354.4	43751.	4290.5	40.839	3320.5

Sample Name: K3022-05LX5 Acquired: 5/24/2019 17:50:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	.00108	-.00099	.00205	.00017	.01181	.03083	.00010
Stddev	.00209	.00064	.00044	.00126	.00063	.00797	.00064	.00000
%RSD	167.92	58.682	44.849	61.410	381.72	67.474	2.0774	4.1833

#1	-.00339	.00059	-.00050	.00133	.00087	.01703	.03021	.00009
#2	.00078	.00180	-.00137	.00131	-.00034	.01575	.03078	.00009
#3	-.00112	.00085	-.00110	.00350	-.00004	.00264	.03149	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	8.8279	-.00001	.00033	.00438	.01153	.15449	1.5030
Stddev	.00004	.0687	.00032	.00019	.00011	.00022	.00078	.0477
%RSD	2.3514	.77873	2832.9	58.477	2.4668	1.8687	.50251	3.1760

#1	.00188	8.8095	-.00026	.00012	.00428	.01132	.15523	1.5018
#2	.00190	8.7702	-.00011	.00050	.00450	.01175	.15368	1.4559
#3	.00181	8.9040	.00034	.00036	.00438	.01152	.15457	1.5513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	-.00023	76.528	.00101	.09532	1.4314	.00039	.04337
Stddev	.00014	.00021	.221	.00041	.00004	.0171	.00014	.01001
%RSD	6.2553	93.354	.28894	40.123	.04260	1.1969	37.171	23.091

#1	.00229	-.00007	76.355	.00067	.09529	1.4121	.00026	.04131
#2	.00216	-.00015	76.451	.00090	.09531	1.4375	.00035	.03455
#3	.00202	-.00047	76.777	.00146	.09536	1.4447	.00054	.05426

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5441	3.9166	-.00544	.00064	.00091	.0096	.04392	3.6461
Stddev	.0152	.0424	.00087	.00057	.00302	.0009	.00017	.1407
%RSD	.20156	1.0830	15.911	87.729	331.33	8.873	.39644	3.8599

#1	7.5598	3.9584	-.00562	.00022	-.00249	.0087	.04384	3.4990
#2	7.5294	3.8736	-.00621	.00043	.00328	.0098	.04380	3.7795
#3	7.5432	3.9179	-.00450	.00128	.00195	.0103	.04412	3.6598

Sample Name: K3022-05LX5 Acquired: 5/24/2019 17:50:53 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.36784
Stddev	.21275
%RSD	57.838

#1	.12906
#2	.53725
#3	.43719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.3	47032.	4350.0	43.255	3696.2
Stddev	20.4	86.	28.3	.409	19.8
%RSD	.57056	.18331	.65000	.94595	.53487

#1	3573.0	46954.	4325.1	43.340	3686.3
#2	3557.8	47124.	4380.7	43.615	3683.3
#3	3598.2	47018.	4344.2	42.810	3718.9

Sample Name: K3022-05MS Acquired: 5/24/2019 17:55:16 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82958	2.0114	1.0132	2.0625	.80490	2.1323	.36602	.21559
Stddev	.00270	.0038	.0018	.0031	.00275	.0442	.00201	.00069
%RSD	.32551	.19072	.17267	.15098	.34146	2.0719	.54979	.32179
#1	.82736	2.0089	1.0151	2.0629	.80558	2.0950	.36432	.21511
#2	.83258	2.0095	1.0129	2.0654	.80725	2.1207	.36550	.21639
#3	.82879	2.0158	1.0116	2.0592	.80188	2.1811	.36824	.21527
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21673	43.874	.42961	.21522	.33784	3.2736	.95673	9.3902
Stddev	.00029	.523	.00063	.00042	.00179	.0113	.00285	.2003
%RSD	.13379	1.1910	.14683	.19662	.53031	.34382	.29766	2.1334
#1	.21703	43.296	.42914	.21571	.33962	3.2645	.95396	9.1592
#2	.21673	44.313	.42936	.21495	.33786	3.2862	.95965	9.5160
#3	.21645	44.014	.43032	.21501	.33604	3.2702	.95658	9.4955
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53532	.07433	386.68	.33112	.70090	17.205	.41712	.52157
Stddev	.00054	.00034	2.07	.00168	.00165	.103	.00054	.01111
%RSD	.10113	.45986	.53630	.50773	.23520	.59783	.12924	2.1306
#1	.53546	.07457	384.29	.32953	.70118	17.095	.41663	.51692
#2	.53577	.07448	387.72	.33288	.70239	17.222	.41770	.51354
#3	.53472	.07393	388.02	.33094	.69913	17.299	.41703	.53425
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.032	F 19.232	.71165	.20906	.21126	6.539	.41688	5.0349
Stddev	.038	.112	.00213	.00222	.00399	.008	.00340	.3956
%RSD	.10007	.58087	.29929	1.0635	1.8896	.1233	.81536	7.8569
#1	38.076	19.143	.70928	.20699	.20690	6.549	.41327	5.0087
#2	38.007	19.358	.71340	.20877	.21217	6.536	.42001	5.4430
#3	38.014	19.197	.71226	.21141	.21472	6.533	.41737	4.6531

Sample Name: K3022-05MS Acquired: 5/24/2019 17:55:16 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.37274
Stddev	.33087
%RSD	88.766

#1	.43321
#2	.66920
#3	.01581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.1	43869.	4216.9	41.675	3306.5
Stddev	19.6	33.	24.1	.841	14.2
%RSD	.58444	.07617	.57190	2.0180	.42945

#1	3348.1	43903.	4233.9	40.705	3299.3
#2	3339.9	43868.	4189.3	42.188	3297.3
#3	3377.2	43836.	4227.5	42.134	3322.8

Sample Name: K3022-05MSD Acquired: 5/24/2019 17:59:29 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82775	2.0121	1.0132	2.0690	.80174	2.1531	.36556	.21495
Stddev	.00311	.0006	.0020	.0009	.00317	.0104	.00301	.00016
%RSD	.37544	.03009	.19521	.04450	.39554	.48074	.82455	.07229
#1	.82486	2.0127	1.0134	2.0699	.79811	2.1412	.36421	.21487
#2	.83103	2.0121	1.0111	2.0681	.80317	2.1593	.36346	.21512
#3	.82736	2.0115	1.0151	2.0690	.80395	2.1589	.36902	.21484
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21669	43.849	.42952	.21606	.33654	3.2666	.95511	9.3521
Stddev	.00010	.625	.00027	.00075	.00050	.0011	.00084	.1722
%RSD	.04503	1.4253	.06319	.34608	.14828	.03406	.08820	1.8416
#1	.21679	43.183	.42934	.21613	.33597	3.2679	.95445	9.2279
#2	.21659	43.941	.42939	.21527	.33677	3.2662	.95606	9.2797
#3	.21668	44.423	.42983	.21676	.33688	3.2658	.95483	9.5487
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53378	.07431	377.02	.33070	.70177	17.231	.41517	.51281
Stddev	.00063	.00016	2.34	.00014	.00073	.075	.00049	.00873
%RSD	.11816	.22041	.62039	.04365	.10398	.43489	.11868	1.7026
#1	.53408	.07444	377.41	.33086	.70236	17.165	.41564	.52261
#2	.53420	.07436	379.14	.33066	.70200	17.215	.41466	.50995
#3	.53305	.07412	374.51	.33058	.70096	17.312	.41522	.50587
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.130	F 19.180	.71012	.21058	.21039	6.546	.41610	5.3649
Stddev	.135	.203	.00046	.00213	.00432	.011	.00443	.1388
%RSD	.35490	1.0571	.06456	1.0128	2.0544	.1636	1.0658	2.5873
#1	38.286	18.980	.70989	.20818	.20594	6.557	.41117	5.2580
#2	38.045	19.385	.70982	.21129	.21068	6.536	.41977	5.5218
#3	38.059	19.174	.71064	.21226	.21457	6.543	.41736	5.3150

Sample Name: K3022-05MSD Acquired: 5/24/2019 17:59:29 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.88449
Stddev	.64095
%RSD	72.465

#1	.67789
#2	1.6033
#3	.37233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.8	43909.	4223.8	41.895	3312.1
Stddev	5.0	98.	36.9	1.527	7.1
%RSD	.14876	.22222	.87299	3.6449	.21339

#1	3363.6	43827.	4252.8	43.431	3305.3
#2	3356.1	44017.	4182.3	40.378	3311.5
#3	3365.6	43883.	4236.3	41.875	3319.4

Sample Name: K3022-05A Acquired: 5/24/2019 18:03:41 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83714	2.0212	1.0211	2.1010	.81194	2.1562	.36992	.21785
Stddev	.00410	.0054	.0009	.0026	.00094	.0213	.00280	.00054
%RSD	.49021	.26732	.08645	.12185	.11631	.98839	.75796	.24734
#1	.83810	2.0167	1.0212	2.0998	.81218	2.1456	.37168	.21845
#2	.84068	2.0272	1.0202	2.1040	.81274	2.1423	.36669	.21743
#3	.83264	2.0198	1.0219	2.0993	.81090	2.1807	.37140	.21766
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21881	44.051	.42944	.21786	.33873	3.2830	.96435	9.5111
Stddev	.00018	.243	.00184	.00048	.00071	.0140	.00260	.0488
%RSD	.08158	.55192	.42826	.22028	.20967	.42696	.26968	.51289
#1	.21901	43.804	.43100	.21742	.33936	3.2952	.96366	9.5157
#2	.21870	44.290	.42741	.21837	.33888	3.2677	.96216	9.4601
#3	.21871	44.058	.42992	.21778	.33796	3.2860	.96723	9.5574
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53613	.07509	381.38	.33210	.71035	17.188	.41673	.51153
Stddev	.00104	.00036	.60	.00186	.00094	.102	.00071	.00481
%RSD	.19423	.47612	.15837	.55979	.13278	.59289	.17138	.93989
#1	.53725	.07532	381.72	.33424	.71122	17.182	.41742	.50869
#2	.53596	.07468	380.68	.33086	.71048	17.090	.41678	.50881
#3	.53518	.07527	381.73	.33119	.70935	17.293	.41600	.51708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.482	F 19.039	.71506	.21265	.20843	6.622	.41908	5.6402
Stddev	.072	.228	.00328	.00321	.00164	.006	.00439	.1109
%RSD	.18680	1.1964	.45881	1.5078	.78834	.0893	1.0469	1.9669
#1	38.489	18.806	.71571	.20944	.20654	6.616	.41416	5.6657
#2	38.550	19.261	.71797	.21266	.20920	6.626	.42259	5.7362
#3	38.407	19.050	.71150	.21585	.20955	6.625	.42048	5.5187

Sample Name: K3022-05A Acquired: 5/24/2019 18:03:41 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8248 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.78196
Stddev	.36886
%RSD	47.171

#1	.68116
#2	1.1907
#3	.47399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.9	44150.	4276.5	42.200	3309.0
Stddev	11.4	165.	46.0	.671	9.4
%RSD	.34044	.37262	1.0760	1.5898	.28308

#1	3346.9	43994.	4321.4	41.480	3301.9
#2	3357.1	44322.	4229.4	42.807	3305.6
#3	3369.7	44134.	4278.6	42.313	3319.7

Sample Name: K3022-06 Acquired: 5/24/2019 18:07:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	.00106	.00140	.00215	-.00075	-.01462	.37110	.00009
Stddev	.00173	.00087	.00006	.00196	.00070	.00773	.00371	.00003
%RSD	69.734	82.049	4.0981	91.347	93.303	52.860	1.0001	38.507
#1	-.00286	.00189	.00147	.00102	-.00111	-.02353	.36693	.00005
#2	-.00059	.00116	.00137	.00442	-.00121	-.00975	.37236	.00010
#3	-.00398	.00015	.00137	.00101	.00006	-.01058	.37402	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	208.89	.00014	.00084	.00545	.21628	.42985	30.593
Stddev	.00004	1.29	.00042	.00006	.00045	.00130	.00084	.499
%RSD	4.5298	.61786	292.91	7.3245	8.1997	.60157	.19608	1.6299
#1	.00086	207.63	.00014	.00077	.00502	.21552	.42917	30.041
#2	.00079	208.82	.00056	.00085	.00591	.21778	.42960	30.728
#3	.00080	210.21	-.00028	.00089	.00543	.21553	.43079	31.010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	-.00067	278.63	.00005	.10181	29.412	.00661	.91216
Stddev	.00025	.00075	2.47	.00015	.00029	.303	.00028	.02658
%RSD	8.1060	110.93	.88715	335.68	.28399	1.0314	4.2833	2.9138
#1	.00311	-.00102	275.99	.00003	.10174	29.062	.00674	.88201
#2	.00281	.00018	280.90	.00020	.10213	29.598	.00680	.92227
#3	.00331	-.00118	278.99	-.00010	.10157	29.576	.00628	.93219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.763	F 13.539	-.01959	-.00411	.01017	.0011	.90405	5.0411
Stddev	.045	.061	.00016	.00162	.00198	.0008	.00253	.2085
%RSD	.09317	.45101	.81605	39.493	19.509	71.55	.28023	4.1353
#1	48.733	13.607	-.01950	-.00506	.00949	.0020	.90130	5.2113
#2	48.816	13.521	-.01977	-.00223	.00862	.0004	.90456	4.8086
#3	48.742	13.489	-.01949	-.00503	.01241	.0011	.90628	5.1036

Sample Name: K3022-06 Acquired: 5/24/2019 18:07:53 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4155
Stddev	.6249
%RSD	44.147

#1	1.1169
#2	.99601
#3	2.1337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.0	43192.	4236.7	41.506	3246.0
Stddev	4.5	97.	14.8	1.647	1.4
%RSD	.13767	.22479	.34823	3.9686	.04206

#1	3261.9	43304.	4219.7	42.094	3244.5
#2	3270.9	43132.	4244.4	42.778	3246.9
#3	3265.3	43140.	4246.1	39.646	3246.8

Sample Name: K3022-07 Acquired: 5/24/2019 18:12:23 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00423	.00052	.00118	.00263	-.00065	-.02219	.36496	.00011
Stddev	.00342	.00023	.00039	.00159	.00041	.00300	.00152	.00004
%RSD	80.738	44.398	32.947	60.555	63.962	13.503	.41598	32.826
#1	-.00781	.00026	.00128	.00081	-.00111	-.02270	.36654	.00008
#2	-.00388	.00059	.00152	.00331	-.00052	-.01897	.36483	.00015
#3	-.00100	.00070	.00075	.00378	-.00031	-.02490	.36351	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	205.29	.00393	.00109	.00548	.21157	.41369	30.096
Stddev	.00006	1.24	.00019	.00021	.00019	.00139	.00141	.184
%RSD	7.2292	.60331	4.7740	19.707	3.4184	.65549	.34138	.61168
#1	.00072	204.53	.00410	.00089	.00570	.20999	.41223	29.925
#2	.00082	204.62	.00373	.00105	.00537	.21258	.41505	30.290
#3	.00083	206.72	.00396	.00132	.00537	.21214	.41379	30.072
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00306	-.00053	273.48	-.00004	.10075	29.270	.00648	.91067
Stddev	.00021	.00008	.72	.00052	.00020	.056	.00023	.02012
%RSD	6.9429	14.337	.26324	1352.6	.19469	.19078	3.5881	2.2093
#1	.00300	-.00047	273.01	-.00007	.10074	29.334	.00641	.92212
#2	.00330	-.00051	274.31	.00050	.10095	29.239	.00629	.88744
#3	.00289	-.00062	273.11	-.00055	.10056	29.236	.00674	.92245
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.873	F 13.422	-.01909	-.00550	.00866	.0022	.89000	4.8967
Stddev	.043	.105	.00051	.00072	.00234	.0003	.00497	.1756
%RSD	.08932	.78304	2.6712	13.087	27.003	11.87	.55872	3.5854
#1	47.906	13.333	-.01941	-.00525	.00708	.0024	.88608	5.0990
#2	47.889	13.395	-.01850	-.00631	.01135	.0019	.88833	4.8067
#3	47.825	13.538	-.01936	-.00494	.00755	.0022	.89559	4.7844

Sample Name: K3022-07 Acquired: 5/24/2019 18:12:23 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1635
Stddev .1106
%RSD 9.5065

#1 1.0442
#2 1.1836
#3 1.2626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.9	42932.	4210.0	41.782	3244.5
Stddev	10.4	70.	19.0	.533	7.4
%RSD	.31765	.16290	.45182	1.2752	.22894

#1	3254.2	42919.	4224.9	41.449	3236.2
#2	3274.0	42870.	4216.6	42.396	3250.6
#3	3269.5	43008.	4188.6	41.499	3246.7

Sample Name: K3022-08 Acquired: 5/24/2019 18:16:54 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00364	.00056	.00144	.00655	.00197	-.04185	.47846	.00012
Stddev	.00249	.00185	.00138	.00047	.00013	.00993	.00187	.00006
%RSD	68.448	327.95	95.876	7.1305	6.5792	23.725	.39133	50.021

#1	-.00185	-.00088	-.00015	.00708	.00200	-.04710	.47681	.00007
#2	-.00649	.00265	.00229	.00636	.00183	-.04804	.48049	.00009
#3	-.00259	-.00007	.00220	.00621	.00208	-.03039	.47807	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	260.42	.03188	.00014	.05598	.42172	.65896	31.727
Stddev	.00002	3.22	.00009	.00019	.00050	.00066	.00132	.139
%RSD	1.3024	1.2352	.29388	142.07	.89118	.15729	.20077	.43964

#1	.00175	257.04	.03177	.00032	.05569	.42101	.65756	31.567
#2	.00180	263.44	.03193	-.00007	.05655	.42184	.66019	31.790
#3	.00178	260.77	.03193	.00017	.05568	.42232	.65915	31.824

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03987	-.00093	437.42	-.00012	.34379	31.600	.00549	.97895
Stddev	.00032	.00008	5.17	.00026	.00390	.139	.00011	.00957
%RSD	.79525	9.1484	1.1825	212.85	1.1337	.44044	1.9138	.97793

#1	.04007	-.00100	443.37	.00016	.34118	31.498	.00537	.98302
#2	.04003	-.00094	434.84	-.00034	.34827	31.759	.00556	.96801
#3	.03950	-.00083	434.04	-.00019	.34192	31.544	.00553	.98582

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.277	F 15.304	-.00944	-.00683	.01435	.0046	1.2249	5.6383
Stddev	.304	.127	.00070	.00085	.00203	.0016	.0133	.0880
%RSD	1.3072	.82741	7.4117	12.442	14.111	34.16	1.0872	1.5610

#1	23.029	15.159	-.00969	-.00780	.01208	.0028	1.2115	5.5478
#2	23.616	15.394	-.00865	-.00646	.01597	.0053	1.2381	5.7235
#3	23.185	15.359	-.00998	-.00622	.01500	.0057	1.2252	5.6435

Sample Name: K3022-08 Acquired: 5/24/2019 18:16:54 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3038
Stddev	.1829
%RSD	7.9381

#1	2.1819
#2	2.5141
#3	2.2154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.1	41966.	4179.3	39.948	3123.9
Stddev	33.5	180.	24.5	.693	36.8
%RSD	1.0524	.43003	.58702	1.7352	1.1779

#1	3213.1	41805.	4196.1	40.609	3153.0
#2	3149.3	41931.	4151.2	40.007	3082.5
#3	3199.0	42161.	4190.7	39.227	3136.1

Sample Name: K2643-10 Acquired: 5/24/2019 18:21:23 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00401	.00554	.00296	-.00005	.09863	.12711	.00014
Stddev	.00100	.00037	.00043	.00166	.00169	.00942	.00024	.00003
%RSD	69.656	9.2910	7.6977	56.046	3513.0	9.5478	.19163	21.162

#1	.00104	-.00443	.00548	.00471	-.00054	.08811	.12734	.00010
#2	.00257	-.00386	.00600	.00277	.00184	.10150	.12685	.00014
#3	.00069	-.00373	.00515	.00141	-.00144	.10628	.12714	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	15.454	-.00060	.00356	.00447	.17200	1.0654	1.7846
Stddev	.00001	.067	.00039	.00023	.00017	.00024	.0010	.0369
%RSD	4.1248	.43425	65.071	6.5955	3.6989	.13808	.09173	2.0690

#1	.00020	15.378	-.00055	.00329	.00460	.17174	1.0652	1.7449
#2	.00019	15.506	-.00023	.00374	.00453	.17207	1.0646	1.8179
#3	.00021	15.477	-.00100	.00364	.00429	.17219	1.0665	1.7909

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00010	276.48	-.00100	.02354	.82671	-.00017	.02522
Stddev	.00017	.00010	.53	.00020	.00012	.03224	.00007	.01376
%RSD	12.091	102.04	.19304	20.423	.50222	3.8999	39.756	54.551

#1	.00123	.00010	276.15	-.00079	.02347	.83854	-.00019	.01004
#2	.00157	-.00000	276.20	-.00119	.02348	.79023	-.00009	.03687
#3	.00143	.00020	277.10	-.00102	.02368	.85137	-.00023	.02876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20722	.83641	-.00179	.00159	-.00028	.0045	.06058	3.9762
Stddev	.00193	.01149	.00045	.00150	.00046	.0024	.00016	.1621
%RSD	.92911	1.3740	24.936	94.652	161.36	54.15	.26487	4.0755

#1	.20941	.82410	-.00222	.00153	-.00072	.0069	.06047	4.1632
#2	.20578	.83826	-.00182	.00011	-.00033	.0021	.06076	3.8889
#3	.20648	.84686	-.00133	.00312	.00020	.0044	.06050	3.8765

Sample Name: K2643-10 Acquired: 5/24/2019 18:21:23 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.49777
Stddev	.30026
%RSD	60.321

#1	.82922
#2	.24395
#3	.42014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.5	44778.	4311.5	41.067	3397.2
Stddev	5.9	93.	11.5	.122	11.7
%RSD	.17242	.20746	.26703	.29619	.34410

#1	3411.8	44765.	4322.2	41.070	3401.5
#2	3400.2	44693.	4299.3	40.943	3384.0
#3	3404.4	44877.	4312.9	41.186	3406.1

Sample Name: CCV07 Acquired: 5/24/2019 18:25:57 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0696	5.1222	5.0208	5.0033	5.0524	9.6915	9.6786	.25688
Stddev	.0199	.0132	.0055	.0094	.0152	.1128	.0539	.00095
%RSD	.39170	.25720	.10915	.18871	.30068	1.1635	.55722	.37041
#1	5.0924	5.1374	5.0262	5.0142	5.0658	9.5647	9.6187	.25578
#2	5.0565	5.1141	5.0208	4.9984	5.0554	9.7296	9.6939	.25746
#3	5.0599	5.1150	5.0153	4.9974	5.0359	9.7803	9.7233	.25740
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5124	25.201	1.0063	2.5358	1.2635	5.0758	2.6014	24.561
Stddev	.0005	.164	.0031	.0047	.0046	.0151	.0038	.429
%RSD	.01940	.65186	.31170	.18618	.35975	.29706	.14454	1.7458
#1	2.5121	25.011	1.0077	2.5389	1.2680	5.0729	2.5976	24.066
#2	2.5129	25.307	1.0027	2.5303	1.2637	5.0624	2.6015	24.823
#3	2.5121	25.284	1.0085	2.5380	1.2589	5.0922	2.6052	24.795
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4890	1.2251	23.557	2.5082	2.5519	23.194	4.9972	4.7304
Stddev	.0064	.0026	.101	.0049	.0040	.038	.0197	.0378
%RSD	.25826	.21545	.43019	.19633	.15562	.16346	.39350	.79874
#1	2.4952	1.2281	23.484	2.5083	2.5554	23.185	5.0141	4.6876
#2	2.4893	1.2230	23.514	2.5032	2.5476	23.236	5.0020	4.7591
#3	2.4824	1.2242	23.673	2.5131	2.5529	23.162	4.9756	4.7445
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8762	4.8898	5.0641	5.0474	4.8758	5.128	5.0408	F 4.0648
Stddev	.0113	.0266	.0127	.0326	.0259	.009	.0099	.0654
%RSD	.23073	.54375	.25076	.64687	.53058	.1745	.19607	1.6080
#1	4.8867	4.9192	5.0655	5.0118	4.9007	5.136	5.0471	3.9940
#2	4.8644	4.8827	5.0507	5.0545	4.8776	5.118	5.0458	4.0776
#3	4.8776	4.8674	5.0760	5.0760	4.8491	5.130	5.0294	4.1229

Sample Name: CCV07 Acquired: 5/24/2019 18:25:57 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3265
Stddev	.3530
%RSD	10.612

#1	3.0002
#2	3.7012
#3	3.2780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.3	45493.	4249.8	39.895	3425.6
Stddev	17.7	175.	30.6	1.510	11.8
%RSD	.51343	.38381	.72018	3.7854	.34506

#1	3436.7	45385.	4214.4	38.528	3412.0
#2	3461.0	45694.	4267.0	39.642	3431.4
#3	3471.3	45399.	4267.9	41.516	3433.4

Sample Name: CCB07 Acquired: 5/24/2019 18:29:55 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.00166	-.00158	-.00002	.00022	-.00951	.00075	.00004
Stddev	.00065	.00093	.00066	.00310	.00090	.00425	.00051	.00004
%RSD	43.564	55.941	41.841	14721.	417.15	44.642	68.225	102.79
#1	.00090	.00271	-.00160	-.00090	.00106	-.01377	.00129	-.00001
#2	.00137	.00097	-.00090	-.00258	-.00072	-.00528	.00028	.00006
#3	.00218	.00130	-.00222	.00342	.00030	-.00949	.00068	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00374	-.00005	.00007	-.00021	.00031	-.00001	.04582
Stddev	.00001	.00621	.00031	.00006	.00018	.00024	.00003	.02112
%RSD	13.168	165.86	603.38	83.993	84.181	76.892	221.72	46.098
#1	.00009	-.01086	.00025	.00004	-.00021	.00041	.00001	.03181
#2	.00010	-.00098	-.00038	.00004	-.00003	.00004	-.00004	.03553
#3	.00008	.00061	-.00002	.00015	-.00039	.00049	-.00000	.07011
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00016	.11953	.00043	-.00039	.06605	.00058	.01027
Stddev	.00012	.00025	.00561	.00015	.00006	.01647	.00021	.00206
%RSD	278.97	158.85	4.6955	34.979	15.642	24.932	35.961	20.035
#1	.00013	-.00024	.11411	.00027	-.00041	.06912	.00081	.01205
#2	.00010	.00012	.12531	.00047	-.00044	.08077	.00053	.01075
#3	-.00010	-.00036	.11918	.00056	-.00032	.04827	.00040	.00802
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	-.00102	-.00107	.00114	.00131	-.0007	.00013	F 2.3268
Stddev	.00165	.00087	.00024	.00109	.00267	.0011	.00006	.1786
%RSD	66.327	85.316	22.370	95.354	203.63	162.0	42.331	7.6753
#1	.00420	-.00012	-.00092	.00227	-.00135	-.0007	.00019	2.2385
#2	.00091	-.00109	-.00094	.00104	.00398	-.0018	.00008	2.2096
#3	.00235	-.00185	-.00134	.00011	.00131	.0004	.00013	2.5323

Sample Name: CCB07 Acquired: 5/24/2019 18:29:55 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .07643
Stddev .24377
%RSD 318.96

#1 .03401
#2 .33862
#3 -.14335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3623.9	47868.	4294.7	41.739	3882.6
Stddev	19.1	151.	25.5	.580	20.2
%RSD	.52744	.31476	.59463	1.3894	.52096

#1	3611.1	47732.	4289.5	42.277	3865.3
#2	3614.6	48030.	4322.4	41.125	3877.7
#3	3645.9	47840.	4272.2	41.816	3904.9

Sample Name: K2643-10DUP Acquired: 5/24/2019 18:34:24 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00146	.00491	.00375	.00042	.09163	.12589	.00012
Stddev	.00148	.00119	.00085	.00322	.00148	.00991	.00087	.00003
%RSD	90.240	81.569	17.349	85.900	355.10	10.815	.69431	26.310

#1	-.00032	-.00112	.00567	.00395	.00139	.09347	.12500	.00013
#2	-.00325	-.00279	.00508	.00044	-.00128	.10049	.12675	.00008
#3	-.00136	-.00048	.00399	.00687	.00114	.08093	.12593	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	15.377	-.00085	.00368	.00416	.17163	1.0693	1.7510
Stddev	.00006	.366	.00016	.00002	.00022	.00121	.0026	.0436
%RSD	28.221	2.3802	18.293	.41485	5.3059	.70646	.24327	2.4919

#1	.00024	14.959	-.00074	.00369	.00441	.17078	1.0666	1.7533
#2	.00014	15.533	-.00103	.00366	.00400	.17109	1.0717	1.7935
#3	.00025	15.640	-.00079	.00369	.00408	.17302	1.0696	1.7063

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00009	281.61	-.00113	.02360	.75572	-.00011	.02745
Stddev	.00020	.00037	3.33	.00011	.00010	.05122	.00017	.01747
%RSD	21.633	425.78	1.1820	9.3884	.42534	6.7781	147.70	63.640

#1	.00103	-.00017	277.86	-.00124	.02368	.69850	.00006	.01055
#2	.00102	.00032	284.21	-.00102	.02363	.77135	-.00012	.02636
#3	.00068	-.00041	282.75	-.00114	.02349	.79731	-.00028	.04543

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20355	.83193	-.00154	-.00006	-.00139	.0022	.05997	4.3972
Stddev	.00285	.01709	.00050	.00139	.00149	.0011	.00166	.0720
%RSD	1.4016	2.0540	32.677	2207.6	107.27	52.56	2.7606	1.6371

#1	.20652	.81356	-.00130	.00145	-.00311	.0026	.05807	4.3175
#2	.20082	.83489	-.00121	-.00127	-.00061	.0009	.06080	4.4169
#3	.20332	.84735	-.00212	-.00037	-.00045	.0030	.06105	4.4574

Sample Name: K2643-10DUP Acquired: 5/24/2019 18:34:24 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0044
Stddev	.2753
%RSD	27.408

#1	1.0161
#2	.72351
#3	1.2737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.7	44965.	4351.6	42.107	3400.4
Stddev	15.2	116.	70.6	2.649	14.8
%RSD	.44624	.25850	1.6214	6.2920	.43463

#1	3432.9	45072.	4433.0	44.855	3417.2
#2	3410.2	44842.	4313.6	39.568	3389.4
#3	3404.0	44981.	4308.1	41.898	3394.6

Sample Name: K2643-10LX5 Acquired: 5/24/2019 18:38:58 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00071	.00002	-.00059	.00040	.00637	.02496	.00006
Stddev	.00045	.00052	.00034	.00058	.00088	.00913	.00040	.00003
%RSD	92.233	72.601	1709.5	98.567	222.03	143.50	1.6021	50.120

#1	.00092	.00085	.00011	-.00031	.00082	-.00395	.02505	.00008
#2	.00002	.00115	.00030	-.00126	-.00062	.01343	.02452	.00003
#3	.00053	.00014	-.00036	-.00020	.00099	.00962	.02531	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	3.1854	-.00077	.00078	.00084	.03639	.21811	.38244
Stddev	.00005	.0230	.00029	.00016	.00022	.00067	.00025	.04040
%RSD	158.70	.72048	38.080	19.920	26.504	1.8281	.11254	10.563

#1	.00002	3.1746	-.00052	.00078	.00075	.03605	.21795	.33602
#2	.00008	3.2117	-.00109	.00094	.00109	.03715	.21799	.40168
#3	-.00001	3.1698	-.00069	.00063	.00067	.03596	.21839	.40962

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00026	56.340	-.00000	.00404	.17019	-.00012	.00761
Stddev	.00019	.00052	.257	.00045	.00003	.05399	.00025	.00784
%RSD	98.084	202.44	.45588	14041.	.79820	31.725	205.50	102.98

#1	-.00014	-.00085	56.095	-.00029	.00408	.15306	-.00034	.01445
#2	-.00004	.00013	56.317	.00051	.00403	.12685	-.00016	-.00094
#3	-.00041	-.00005	56.607	-.00023	.00402	.23068	.00015	.00933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03990	.18255	-.00154	.00084	.00028	.0009	.01249	3.0742
Stddev	.00214	.00920	.00066	.00103	.00049	.0023	.00004	.1477
%RSD	5.3570	5.0375	42.767	122.30	174.52	248.0	.32884	4.8045

#1	.03783	.19314	-.00173	.00045	.00054	-.0002	.01245	3.1638
#2	.04210	.17787	-.00208	.00202	.00058	.0035	.01253	2.9037
#3	.03975	.17663	-.00081	.00007	-.00028	-.0005	.01249	3.1550

Sample Name: K2643-10LX5 Acquired: 5/24/2019 18:38:58 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8248 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62586
 Stddev .31616
 %RSD 50.516

#1 .44253
 #2 .99093
 #3 .44412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.3	47194.	4360.2	41.991	3697.0
Stddev	25.4	79.	17.1	1.238	26.0
%RSD	.70705	.16676	.39285	2.9474	.70230

#1	3572.4	47115.	4342.0	43.198	3680.2
#2	3581.3	47194.	4376.0	40.725	3683.8
#3	3620.2	47272.	4362.5	42.051	3726.9

Sample Name: K2643-10MS Acquired: 5/24/2019 18:43:27 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80444	1.9499	.98554	2.0489	.78421	2.0460	.32821	.20275
Stddev	.00215	.0049	.00065	.0092	.00262	.0061	.00048	.00064
%RSD	.26674	.24961	.06590	.44720	.33351	.29641	.14495	.31671
#1	.80623	1.9470	.98516	2.0399	.78463	2.0525	.32850	.20319
#2	.80502	1.9555	.98629	2.0486	.78141	2.0404	.32847	.20201
#3	.80206	1.9472	.98516	2.0583	.78659	2.0452	.32766	.20305
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20185	16.714	.40707	.21005	.30914	3.2302	1.2785	3.7830
Stddev	.00062	.093	.00058	.00048	.00106	.0096	.0015	.0923
%RSD	.30773	.55566	.14304	.22667	.34326	.29613	.12106	2.4396
#1	.20116	16.610	.40667	.20968	.30798	3.2198	1.2786	3.8642
#2	.20236	16.789	.40774	.21058	.30937	3.2321	1.2769	3.6827
#3	.20201	16.744	.40680	.20987	.31006	3.2387	1.2800	3.8022
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50309	.07000	282.34	.31002	.23420	10.344	.40351	.30930
Stddev	.00097	.00061	1.54	.00172	.00048	.039	.00060	.01214
%RSD	.19198	.87114	.54513	.55618	.20472	.37875	.14974	3.9246
#1	.50200	.06951	283.91	.30810	.23369	10.384	.40285	.29692
#2	.50342	.06980	282.29	.31054	.23464	10.306	.40405	.32119
#3	.50384	.07068	280.83	.31143	.23427	10.343	.40362	.30977
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19733	1.7035	.70475	.20700	.19720	6.231	.25805	4.6219
Stddev	.00505	.0195	.00283	.00343	.00039	.017	.00248	.0722
%RSD	2.5586	1.1446	.40114	1.6581	.19886	.2711	.96026	1.5623
#1	.20236	1.6838	.70169	.20519	.19689	6.223	.25548	4.5729
#2	.19226	1.7228	.70532	.21096	.19706	6.251	.26042	4.7048
#3	.19738	1.7041	.70725	.20485	.19764	6.220	.25825	4.5880

Sample Name: K2643-10MS Acquired: 5/24/2019 18:43:27 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.51062
%RSD	3483.0

#1	-.00102
#2	-.53196
#3	.48900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.7	45298.	4317.2	42.761	3388.3
Stddev	8.5	120.	37.2	.422	14.6
%RSD	.24879	.26526	.86068	.98669	.43051

#1	3419.2	45209.	4346.4	43.215	3399.9
#2	3402.3	45252.	4275.3	42.688	3371.9
#3	3410.6	45435.	4329.8	42.380	3393.0

Sample Name: K2643-10MSD Acquired: 5/24/2019 18:47:41 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 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	.79250	1.9243	.97375	2.0205	.77033	2.0576	.33377	.20267	.19946
Stddev	.00165	.0039	.00229	.0077	.00162	.0163	.00183	.00052	.00048
%RSD	.20762	.20140	.23552	.38319	.21034	.79403	.54880	.25763	.24264
#1	.79423	1.9286	.97620	2.0293	.77211	2.0388	.33435	.20243	.19996
#2	.79095	1.9228	.97166	2.0173	.76992	2.0671	.33524	.20327	.19943
#3	.79231	1.9213	.97337	2.0148	.76895	2.0671	.33172	.20231	.19899
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.877	.40687	.20717	.30421	3.2269	1.2918	3.7828	.49664	.06924
Stddev	.126	.00098	.00054	.00030	.0162	.0034	.0533	.00155	.00038
%RSD	.74626	.23999	.26068	.09982	.50132	.26631	1.4091	.31137	.55317
#1	16.746	.40655	.20779	.30447	3.2216	1.2903	3.7254	.49840	.06880
#2	16.889	.40796	.20693	.30430	3.2451	1.2957	3.8307	.49601	.06939
#3	16.997	.40608	.20679	.30388	3.2141	1.2894	3.7922	.49550	.06952
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	286.96	.31003	.23052	10.407	.39912	.31435	.19705	1.6933	.69005
Stddev	3.78	.00142	.00069	.018	.00020	.01036	.00129	.0248	.00365
%RSD	1.3170	.45805	.30018	.16849	.05088	3.2972	.65369	1.4616	.52966
#1	286.77	.30845	.23124	10.394	.39930	.30851	.19853	1.6651	.69399
#2	290.83	.31120	.23044	10.401	.39890	.32632	.19625	1.7032	.68677
#3	283.28	.31045	.22987	10.427	.39918	.30823	.19635	1.7115	.68938
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20437	.19636	6.145	.25774	4.4231	.18735			
Stddev	.00143	.00213	.005	.00149	.0955	.20938			
%RSD	.70083	1.0832	.0841	.57944	2.1582	111.76			
#1	.20337	.19484	6.147	.25602	4.3147	-.04563			
#2	.20373	.19544	6.148	.25857	4.4600	.35978			
#3	.20601	.19879	6.139	.25864	4.4946	.24790			

Sample Name: K2643-10MSD Acquired: 5/24/2019 18:47:41 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 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	3431.8	45112.	4345.3	43.282	3407.7
Stddev	7.7	211.	15.0	1.023	10.3
%RSD	.22466	.46784	.34532	2.3631	.30358
#1	3425.9	44962.	4358.1	42.561	3398.0
#2	3429.1	45021.	4348.9	44.452	3406.5
#3	3440.6	45354.	4328.8	42.831	3418.6

Sample Name: K2643-10A Acquired: 5/24/2019 18:51:57 Type: Unk
Method: P4-ICP2(v3148) 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	.79087	1.9159	.97491	1.9992	.77096	2.0645	.32768	.20190
Stddev	.00614	.0057	.00106	.0155	.00147	.0176	.00187	.00038
%RSD	.77684	.29687	.10848	.77436	.19127	.85499	.57085	.18760

#1	.79789	1.9188	.97530	2.0164	.77200	2.0705	.32960	.20161
#2	.78828	1.9195	.97572	1.9863	.77162	2.0784	.32758	.20233
#3	.78645	1.9093	.97371	1.9950	.76927	2.0446	.32586	.20175

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19951	16.917	.40727	.20678	.30575	3.2222	1.2935	3.7300
Stddev	.00031	.162	.00117	.00047	.00068	.0078	.0013	.0582
%RSD	.15725	.95718	.28692	.22869	.22313	.24080	.10218	1.5614

#1	.19953	16.732	.40744	.20693	.30644	3.2135	1.2931	3.7709
#2	.19982	16.989	.40835	.20717	.30574	3.2248	1.2949	3.7559
#3	.19919	17.031	.40603	.20626	.30508	3.2284	1.2923	3.6634

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49733	.07011	281.42	.30851	.22882	10.428	.39963	.30916
Stddev	.00072	.00044	1.41	.00070	.00038	.091	.00078	.01204
%RSD	.14465	.62203	.50219	.22807	.16438	.87478	.19596	3.8939

#1	.49700	.07039	282.69	.30814	.22923	10.483	.39930	.29602
#2	.49815	.06961	281.68	.30932	.22874	10.479	.39906	.31181
#3	.49683	.07033	279.90	.30807	.22849	10.323	.40052	.31965

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19516	1.7120	.69098	.20400	.19954	6.116	.25727	4.0826
Stddev	.00086	.0220	.00048	.00385	.00222	.019	.00141	.1126
%RSD	.43864	1.2870	.06986	1.8897	1.1141	.3159	.54741	2.7569

#1	.19514	1.6897	.69051	.19955	.19722	6.137	.25604	4.2102
#2	.19431	1.7126	.69097	.20640	.20166	6.111	.25698	3.9977
#3	.19602	1.7338	.69147	.20605	.19973	6.100	.25881	4.0397

Sample Name: K2643-10A Acquired: 5/24/2019 18:51:57 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.18365
%RSD	770.94

#1	-.07453
#2	-.17679
#3	.17986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.7	44706.	4261.2	41.750	3388.8
Stddev	5.7	140.	28.4	.374	2.2
%RSD	.16618	.31310	.66711	.89641	.06463

#1	3402.3	44554.	4291.0	41.988	3386.7
#2	3413.6	44731.	4258.0	41.945	3388.8
#3	3407.3	44831.	4234.4	41.319	3391.1

Sample Name: K2643-12 Acquired: 5/24/2019 18:56:13 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00436	.01125	.00292	.00178	.12611	.19056	.00029
Stddev	.00088	.00155	.00072	.00246	.00144	.00342	.00065	.00002
%RSD	51.477	35.462	6.4380	84.095	80.889	2.7103	.33911	6.9246

#1	-.00076	-.00577	.01163	.00018	.00031	.12425	.19057	.00030
#2	-.00189	-.00271	.01041	.00366	.00318	.13006	.19120	.00026
#3	-.00250	-.00460	.01169	.00493	.00185	.12403	.18990	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	17.055	-.00049	.00326	.00689	.60871	1.1495	1.9285
Stddev	.00003	.212	.00020	.00021	.00028	.00319	.0023	.0259
%RSD	9.5706	1.2418	41.554	6.5552	4.0073	.52451	.20305	1.3426

#1	.00027	16.847	-.00035	.00350	.00715	.61214	1.1468	1.9339
#2	.00032	17.048	-.00072	.00312	.00693	.60582	1.1513	1.9003
#3	.00033	17.270	-.00040	.00316	.00660	.60819	1.1502	1.9513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00029	288.32	-.00119	.03520	.93137	-.00028	.02040
Stddev	.00015	.00011	1.32	.00017	.00007	.02556	.00010	.01686
%RSD	6.4841	37.411	.45645	14.222	.20621	2.7448	37.196	82.657

#1	.00255	-.00019	287.37	-.00127	.03513	.91184	-.00035	.03621
#2	.00238	-.00040	287.76	-.00131	.03518	.96030	-.00016	.02235
#3	.00224	-.00027	289.82	-.00100	.03527	.92195	-.00033	.00265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27280	.85851	-.00280	.00211	.00037	.0026	.08217	4.0395
Stddev	.00137	.00224	.00045	.00141	.00112	.0027	.00087	.2560
%RSD	.50045	.26138	16.045	66.863	304.15	106.4	1.0585	6.3380

#1	.27318	.85632	-.00231	.00053	.00069	.0049	.08155	3.7539
#2	.27128	.85841	-.00288	.00323	-.00088	.0033	.08179	4.1159
#3	.27393	.86081	-.00320	.00257	.00129	-.0004	.08316	4.2486

Sample Name: K2643-12 Acquired: 5/24/2019 18:56:13 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-052319 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .71346
 Stddev .15458
 %RSD 21.667

#1 .85796
 #2 .55046
 #3 .73195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.4	44371.	4284.2	42.070	3370.4
Stddev	8.3	78.	32.5	.766	5.7
%RSD	.24510	.17543	.75953	1.8197	.17020

#1	3376.8	44285.	4303.5	41.966	3363.8
#2	3393.3	44389.	4302.5	42.882	3374.1
#3	3383.1	44437.	4246.7	41.361	3373.3

Sample Name: K3019-03 Acquired: 5/24/2019 19:00:46 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3422 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00262	.00842	.00164	.00039	.17524	.44682	.00017
Stddev	.00019	.00046	.00089	.00065	.00059	.00883	.00144	.00003
%RSD	9.8222	17.684	10.624	39.268	151.08	5.0396	.32131	16.968

#1	-.00173	-.00212	.00781	.00177	.00029	.18274	.44519	.00017
#2	-.00210	-.00303	.00944	.00094	-.00014	.17747	.44791	.00014
#3	-.00187	-.00271	.00800	.00221	.00102	.16550	.44736	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	2.1162	.00004	.00172	.00059	.00183	.03740	.48461
Stddev	.00003	.0213	.00010	.00005	.00008	.00102	.00016	.05908
%RSD	41.342	1.0063	247.36	3.0041	13.484	55.643	.42992	12.191

#1	.00008	2.1008	-.00007	.00171	.00052	.00279	.03759	.48234
#2	.00004	2.1405	.00012	.00167	.00058	.00076	.03734	.42670
#3	.00009	2.1072	.00007	.00177	.00067	.00195	.03729	.54479

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00011	289.98	.00023	.09795	.82845	-.00014	.04365
Stddev	.00040	.00037	2.69	.00028	.00015	.04508	.00021	.01033
%RSD	25.439	333.20	.92823	121.07	.15253	5.4416	148.28	23.657

#1	.00120	-.00002	287.76	.00032	.09809	.79662	-.00001	.05548
#2	.00149	.00053	292.97	.00045	.09797	.88004	-.00037	.03908
#3	.00198	-.00018	289.21	-.00008	.09779	.80871	-.00003	.03640

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60994	.36601	-.00199	-.00013	.00106	.0001	.01554	3.7975
Stddev	.00972	.00485	.00095	.00046	.00105	.0012	.00012	.0797
%RSD	1.5928	1.3241	47.852	348.94	99.357	1082.	.76106	2.0987

#1	.61298	.36835	-.00290	-.00060	.00091	.0014	.01541	3.8666
#2	.61777	.36925	-.00205	-.00012	.00009	-.0004	.01556	3.7103
#3	.59907	.36044	-.00101	.00032	.00218	-.0007	.01565	3.8156

Sample Name: K3019-03 Acquired: 5/24/2019 19:00:46 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3422 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .65094
 Stddev .13714
 %RSD 21.068

#1 .49644
 #2 .69812
 #3 .75826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.9	45168.	4340.1	41.569	3431.9
Stddev	6.0	240.	33.9	1.237	8.7
%RSD	.17479	.53188	.78065	2.9767	.25311

#1	3447.5	44950.	4313.1	41.435	3422.4
#2	3459.5	45129.	4329.1	40.404	3439.5
#3	3454.9	45426.	4378.1	42.868	3433.8

Sample Name: K3019-06 Acquired: 5/24/2019 19:05:21 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	-.00374	.00510	.00283	.00045	.18892	.27203	.00003
Stddev	.00208	.00039	.00150	.00167	.00065	.00396	.00219	.00002
%RSD	98.668	10.492	29.442	59.102	144.89	2.0953	.80376	57.222

#1	-.00054	-.00357	.00664	.00338	-.00000	.18997	.27332	.00001
#2	-.00447	-.00419	.00503	.00416	.00120	.19225	.26951	.00002
#3	-.00131	-.00346	.00364	.00095	.00016	.18454	.27327	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	1.4086	.00024	.00124	.00108	.00096	.02159	.23124
Stddev	.00003	.0108	.00010	.00003	.00022	.00085	.00019	.01748
%RSD	71.873	.76665	43.960	2.1872	19.981	87.911	.86295	7.5604

#1	.00008	1.3996	.00035	.00121	.00088	.00090	.02141	.25116
#2	.00001	1.4056	.00023	.00126	.00131	.00184	.02158	.22417
#3	.00005	1.4206	.00014	.00124	.00106	.00015	.02178	.21841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	-.00007	267.92	.00040	.10530	.59312	-.00006	.04612
Stddev	.00013	.00031	.54	.00011	.00042	.02982	.00024	.00416
%RSD	9.7721	471.90	.20114	26.916	.39621	5.0281	406.81	9.0140

#1	.00139	.00029	268.53	.00045	.10507	.58637	-.00008	.04959
#2	.00137	-.00030	267.50	.00028	.10579	.56725	.00019	.04151
#3	.00116	-.00019	267.73	.00047	.10505	.62574	-.00029	.04726

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51661	.21214	-.00227	-.00071	.00012	-.0012	.01187	3.8048
Stddev	.00244	.00554	.00037	.00121	.00097	.0008	.00011	.1074
%RSD	.47260	2.6111	16.321	171.69	827.42	65.05	.93743	2.8235

#1	.51767	.21032	-.00195	-.00172	.00102	-.0015	.01178	3.7489
#2	.51834	.21836	-.00268	.00064	-.00091	-.0018	.01199	3.9286
#3	.51382	.20774	-.00217	-.00103	.00024	-.0003	.01183	3.7368

Sample Name: K3019-06 Acquired: 5/24/2019 19:05:21 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .26261
 Stddev .38574
 %RSD 146.89

#1 -.02618
 #2 .70068
 #3 .11333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.9	45324.	4343.6	41.805	3445.6
Stddev	16.4	190.	33.3	.816	7.5
%RSD	.47695	.41936	.76635	1.9512	.21670

#1	3459.4	45171.	4376.3	41.484	3449.7
#2	3429.1	45537.	4309.7	41.198	3450.2
#3	3455.2	45264.	4344.9	42.732	3437.0

Sample Name: K3019-09 Acquired: 5/24/2019 19:09:56 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-1465 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00385	-.00050	.00433	-.00021	.03130	.52194	.00028
Stddev	.00017	.00123	.00065	.00181	.00075	.00279	.00313	.00003
%RSD	8.7666	31.819	130.64	41.806	350.52	8.9221	.59941	9.1650

#1	-.00177	-.00246	-.00005	.00456	.00022	.02808	.51838	.00028
#2	-.00210	-.00475	-.00020	.00602	.00022	.03300	.52423	.00030
#3	-.00202	-.00435	-.00125	.00242	-.00108	.03282	.52322	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	19.338	.00017	.00001	.00146	.00085	.04325	6.5049
Stddev	.00003	.191	.00038	.00009	.00036	.00039	.00004	.1090
%RSD	59.968	.98586	228.93	1176.2	24.925	45.169	.10195	1.6757

#1	.00003	19.118	.00003	.00004	.00104	.00104	.04320	6.4594
#2	.00004	19.459	.00060	-.00010	.00168	.00111	.04329	6.6293
#3	.00009	19.436	-.00013	.00008	.00165	.00041	.04326	6.4261

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00008	265.72	.00043	.09359	1.4041	-.00003	.05618
Stddev	.00026	.00014	3.39	.00031	.00023	.0216	.00010	.00896
%RSD	459.20	164.57	1.2770	71.406	.24411	1.5360	291.08	15.946

#1	-.00031	-.00017	266.64	.00037	.09333	1.3839	-.00008	.06479
#2	.00020	-.00016	268.56	.00076	.09376	1.4016	.00008	.05685
#3	-.00006	.00008	261.96	.00016	.09367	1.4268	-.00010	.04691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30072	.94638	-.00173	.00069	.00107	.0034	.15203	4.0692
Stddev	.00419	.01455	.00027	.00013	.00057	.0024	.00166	.1937
%RSD	1.3920	1.5373	15.720	18.697	53.183	70.60	1.0929	4.7612

#1	.30280	.93242	-.00157	.00054	.00044	.0061	.15012	4.2019
#2	.29590	.94528	-.00157	.00076	.00120	.0018	.15282	4.1588
#3	.30347	.96145	-.00204	.00077	.00155	.0022	.15314	3.8469

Sample Name: K3019-09 Acquired: 5/24/2019 19:09:56 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-1465 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .57809
 Stddev .02119
 %RSD 3.6649

#1 .55540
 #2 .58151
 #3 .59736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.8	44630.	4302.5	41.379	3395.4
Stddev	18.6	102.	41.0	.601	19.0
%RSD	.54542	.22817	.95229	1.4515	.55849

#1	3399.7	44642.	4346.0	40.689	3382.1
#2	3435.6	44523.	4297.0	41.785	3417.1
#3	3409.2	44726.	4264.6	41.663	3387.1

Sample Name: K3023-01 Acquired: 5/24/2019 19:14:30 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-0523-S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00402	.00400	.00297	.00158	.20770	.15440	.00020
Stddev	.00091	.00083	.00041	.00208	.00221	.00313	.00099	.00005
%RSD	96.661	20.753	10.354	70.038	139.87	1.5076	.64220	22.921

#1	-.00121	-.00306	.00358	.00260	.00002	.20411	.15389	.00016
#2	-.00169	-.00436	.00441	.00110	.00412	.20986	.15377	.00025
#3	.00007	-.00462	.00402	.00522	.00061	.20914	.15555	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	2.9944	.00061	.00275	.01307	1.6328	.14180	1.2231
Stddev	.00005	.0338	.00022	.00011	.00030	.0101	.00034	.0192
%RSD	4495.8	1.1291	37.007	3.9813	2.2825	.62062	.23865	1.5733

#1	-.00005	2.9642	.00049	.00282	.01323	1.6224	.14145	1.2173
#2	.00004	3.0309	.00087	.00262	.01325	1.6426	.14212	1.2446
#3	.00001	2.9880	.00046	.00280	.01272	1.6334	.14185	1.2074

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01663	-.00001	307.57	.00069	.11241	.62906	.00020	.04077
Stddev	.00002	.00016	.63	.00034	.00006	.02531	.00015	.01143
%RSD	.13506	2150.1	.20380	49.750	.05701	4.0228	72.101	28.037

#1	.01665	.00015	306.89	.00103	.11234	.63889	.00003	.03444
#2	.01661	-.00018	308.13	.00034	.11247	.60032	.00029	.05397
#3	.01664	.00000	307.67	.00069	.11241	.64799	.00028	.03391

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1704	.64868	-.00231	.00300	.00123	.0304	.06053	4.1636
Stddev	.0042	.00858	.00058	.00104	.00069	.0016	.00049	.0920
%RSD	.35697	1.3232	24.961	34.721	56.468	5.127	.80735	2.2094

#1	1.1662	.64146	-.00284	.00366	.00080	.0286	.05997	4.2518
#2	1.1745	.65817	-.00240	.00180	.00086	.0314	.06081	4.0682
#3	1.1704	.64640	-.00169	.00353	.00203	.0312	.06082	4.1709

Sample Name: K3023-01 Acquired: 5/24/2019 19:14:30 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-0523-S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.39996
Stddev	.29273
%RSD	73.190

#1	.18508
#2	.73336
#3	.28143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.3	44778.	4352.6	42.077	3440.6
Stddev	27.3	67.	30.2	1.449	22.1
%RSD	.79610	.14854	.69277	3.4441	.64334

#1	3403.8	44812.	4386.2	43.730	3418.5
#2	3428.7	44820.	4327.8	41.025	3440.3
#3	3458.4	44701.	4343.9	41.475	3462.8

Sample Name: CCV08 Acquired: 5/24/2019 19:19:02 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1712	5.2269	5.1025	5.1220	5.1392	9.7309	9.7560	.26098
Stddev	.0040	.0105	.0043	.0120	.0096	.0076	.0733	.00059
%RSD	.07651	.20104	.08368	.23346	.18738	.07855	.75187	.22552
#1	5.1668	5.2303	5.1038	5.1103	5.1282	9.7222	9.8268	.26165
#2	5.1724	5.2352	5.1059	5.1214	5.1461	9.7346	9.7608	.26056
#3	5.1745	5.2151	5.0977	5.1342	5.1433	9.7360	9.6803	.26073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5501	25.460	1.0118	2.5822	1.2743	5.1076	2.6364	24.678
Stddev	.0011	.167	.0016	.0057	.0010	.0061	.0001	.050
%RSD	.04214	.65674	.15667	.21901	.07812	.11889	.00273	.20282
#1	2.5494	25.278	1.0106	2.5887	1.2750	5.1130	2.6363	24.725
#2	2.5514	25.607	1.0136	2.5798	1.2732	5.1011	2.6364	24.625
#3	2.5497	25.495	1.0111	2.5783	1.2748	5.1089	2.6363	24.685
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5168	1.2261	23.899	2.5269	2.6115	23.319	5.0275	4.6887
Stddev	.0018	.0021	.027	.0015	.0030	.054	.0045	.0131
%RSD	.07306	.17341	.11492	.05838	.11458	.22950	.08874	.27949
#1	2.5167	1.2286	23.924	2.5286	2.6149	23.354	5.0268	4.7006
#2	2.5187	1.2251	23.870	2.5265	2.6092	23.257	5.0323	4.6910
#3	2.5151	1.2248	23.905	2.5257	2.6104	23.345	5.0235	4.6747
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0023	4.8521	5.1593	5.1147	4.8782	5.258	5.1198	4.5009
Stddev	.0138	.0240	.0033	.0181	.0180	.010	.0302	.0273
%RSD	.27589	.49504	.06452	.35391	.36799	.1857	.58914	.60563
#1	5.0179	4.8256	5.1628	5.0965	4.8575	5.254	5.0851	4.5260
#2	4.9972	4.8725	5.1590	5.1327	4.8889	5.269	5.1391	4.4719
#3	4.9917	4.8581	5.1562	5.1149	4.8883	5.250	5.1354	4.5048

Sample Name: CCV08 Acquired: 5/24/2019 19:19:02 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1708
Stddev .4558
%RSD 14.376

#1 3.3697
#2 2.6493
#3 3.4934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.3	46303.	4339.6	40.383	3434.3
Stddev	8.3	164.	26.8	.478	9.5
%RSD	.23785	.35453	.61801	1.1834	.27806

#1	3470.0	46184.	4354.8	40.877	3423.6
#2	3482.2	46235.	4308.7	40.347	3437.3
#3	3485.7	46490.	4355.4	39.923	3441.9

Sample Name: CCB08 Acquired: 5/24/2019 19:23:07 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00197	.00051	-.00117	.00026	.00085	-.01023	.00047
Stddev	.00017	.00023	.00053	.00119	.00208	.00052	.00018
%RSD	8.5403	44.475	45.619	462.03	245.73	5.0550	38.586

#1	.00179	.00025	-.00166	-.00111	-.00016	-.01013	.00034
#2	.00212	.00064	-.00060	.00080	-.00054	-.00977	.00039
#3	.00201	.00063	-.00126	.00108	.00324	-.01079	.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00010	.01020	-.00026	.00015	-.00021	-.00093
Stddev	.00003	.00002	.00600	.00037	.00018	.00034	.00035
%RSD	39.554	16.987	58.804	143.22	119.54	160.63	37.868

#1	.00005	.00011	.01013	-.00031	.00022	-.00056	-.00134
#2	.00010	.00011	.00424	.00013	-.00005	-.00020	-.00075
#3	.00011	.00008	.01624	-.00061	.00030	.00012	-.00071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01147	.00007	-.00001	.10648	.00016	-.00044
Stddev	.00006	.01736	.00028	.00027	.00200	.00010	.00009
%RSD	725.98	151.37	387.20	1917.4	1.8737	59.431	21.055

#1	.00004	-.00640	.00039	.00026	.10715	.00008	-.00043
#2	.00005	.01253	-.00009	-.00027	.10805	.00013	-.00035
#3	-.00006	.02827	-.00009	-.00004	.10423	.00027	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04185	.00049	.00789	-.00297	-.00163	-.00179	-.00009
Stddev	.01971	.00019	.00707	.00335	.00105	.00097	.00097
%RSD	47.105	39.558	89.560	112.66	64.434	54.433	1029.1

#1	.05677	.00038	.01182	-.00387	-.00236	-.00210	-.00115
#2	.04928	.00071	-.00027	.00073	-.00043	-.00070	.00074
#3	.01950	.00037	.01213	-.00578	-.00211	-.00256	.00013

Sample Name: CCB08 Acquired: 5/24/2019 19:23:07 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.0003	.00008	F 2.1860	F<.00000
Stddev	.00105	.0009	.00009	.0642	.21582
%RSD	963.35	275.7	111.61	2.9362	164.81
#1	-.00099	-.0013	.00016	2.2440	-.16622
#2	.00022	.0004	.00011	2.1968	-.32696
#3	.00110	-.0000	-.00002	2.1170	.10033
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.4	48533.	4386.5	42.425	3884.0
Stddev	26.2	357.	9.2	.777	26.9
%RSD	.72298	.73640	.20872	1.8304	.69208
#1	3652.5	48120.	4376.0	43.305	3913.4
#2	3609.4	48736.	4392.8	42.136	3860.7
#3	3605.2	48741.	4390.7	41.834	3877.9

Sample Name: K3026-04 Acquired: 5/24/2019 19:27:36 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	-.00066	-.01153	.00072	.00332	.00708	3.8472	.00216
Stddev	.00122	.00032	.00114	.00226	.00146	.01420	.0036	.00006
%RSD	38.413	49.436	9.8564	311.41	43.847	200.55	.09228	2.6416

#1	-.00459	-.00068	-.01284	.00199	.00437	-.00161	3.8453	.00222
#2	-.00240	-.00032	-.01080	.00206	.00166	-.00062	3.8513	.00211
#3	-.00255	-.00097	-.01094	-.00188	.00394	.02346	3.8450	.00216

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	80.644	-.00169	.00007	.00168	72.939	1.4831	2.9718
Stddev	.00009	.376	.00041	.00014	.00033	.131	.0040	.0609
%RSD	3.4317	.46612	24.082	203.94	19.831	.18020	.27138	2.0501

#1	-.00262	80.250	-.00193	-.00009	.00133	72.876	1.4822	3.0270
#2	-.00256	80.685	-.00193	.00015	.00172	72.851	1.4875	2.9819
#3	-.00274	80.998	-.00122	.00015	.00200	73.090	1.4795	2.9064

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00404	-.00007	375.03	-.00217	.04942	.79169	-.00082	.02710
Stddev	.00035	.00047	.11	.00046	.00016	.03201	.00025	.00814
%RSD	8.6812	692.60	.02823	21.440	.31781	4.0426	30.834	30.025

#1	-.00444	-.00005	375.15	-.00170	.04957	.75966	-.00072	.03432
#2	-.00380	-.00055	374.96	-.00218	.04943	.82367	-.00063	.01828
#3	-.00388	.00039	374.98	-.00263	.04926	.79173	-.00110	.02869

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3343	1.5931	-.00029	-.00268	.00855	.0588	.35770	3.5878
Stddev	.0046	.0091	.00071	.00045	.00107	.0011	.00078	.2498
%RSD	.34270	.57237	241.33	16.887	12.459	1.849	.21941	6.9637

#1	1.3291	1.6008	-.00107	-.00219	.00916	.0600	.35861	3.3494
#2	1.3367	1.5954	-.00011	-.00278	.00917	.0582	.35717	3.5664
#3	1.3373	1.5830	.00031	-.00307	.00732	.0582	.35734	3.8477

Sample Name: K3026-04 Acquired: 5/24/2019 19:27:36 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 23.085
Stddev .533
%RSD 2.3083

#1 23.088
#2 23.616
#3 22.550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.4	43616.	4362.8	40.540	3265.3
Stddev	23.2	90.	11.6	.531	21.7
%RSD	.70024	.20735	.26629	1.3089	.66384

#1	3304.9	43515.	4357.0	40.266	3257.8
#2	3344.2	43689.	4376.2	41.152	3289.7
#3	3303.1	43645.	4355.2	40.203	3248.4

Sample Name: K3026-08 Acquired: 5/24/2019 19:32:17 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03085	-.00343	.00173	.00075	.00160	.56521	.17773	.00030
Stddev	.00086	.00036	.00119	.00271	.00056	.01349	.00146	.00004
%RSD	2.7943	10.552	68.850	359.09	34.749	2.3875	.82422	14.470

#1	.03095	-.00363	.00105	.00092	.00097	.56811	.17611	.00025
#2	.03166	-.00363	.00103	-.00203	.00183	.55051	.17897	.00033
#3	.02995	-.00301	.00310	.00338	.00201	.57702	.17812	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	14.895	.00080	.00153	.00480	8.9686	.93094	8.6141
Stddev	.00004	.119	.00012	.00036	.00066	.0218	.00202	.1309
%RSD	9.5785	.79655	15.510	23.791	13.765	.24298	.21736	1.5197

#1	-.00039	14.759	.00069	.00117	.00415	8.9817	.93166	8.5293
#2	-.00033	14.981	.00093	.00154	.00479	8.9435	.92866	8.5480
#3	-.00038	14.944	.00078	.00190	.00547	8.9807	.93251	8.7648

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.00063	298.65	.00108	.05302	3.5696	-.00016	.09130
Stddev	.00026	.00045	1.33	.00031	.00005	.0531	.00005	.01028
%RSD	9.4964	71.591	.44390	28.814	.10155	1.4863	27.461	11.263

#1	.00306	.00015	299.59	.00122	.05306	3.5083	-.00015	.09883
#2	.00263	.00070	297.14	.00072	.05296	3.6000	-.00013	.07959
#3	.00259	.00104	299.23	.00129	.05304	3.6004	-.00022	.09549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36601	2.0440	-.00104	.01650	.00259	1.088	.11567	3.6053
Stddev	.00485	.0174	.00046	.00077	.00091	.002	.00114	.1925
%RSD	1.3264	.85138	44.779	4.6568	34.991	.1693	.98692	5.3389

#1	.37160	2.0381	-.00075	.01694	.00268	1.090	.11436	3.4075
#2	.36287	2.0304	-.00157	.01694	.00164	1.088	.11645	3.6165
#3	.36355	2.0636	-.00079	.01561	.00345	1.086	.11620	3.7919

Sample Name: K3026-08 Acquired: 5/24/2019 19:32:17 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9338
Stddev .3573
%RSD 12.178

#1 2.9053
#2 2.5916
#3 3.3045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3388.3	44137.	4274.6	40.477	3377.6
Stddev	11.3	71.	20.2	.300	11.7
%RSD	.33276	.16161	.47177	.74084	.34726

#1	3393.2	44200.	4297.4	40.325	3382.9
#2	3396.3	44150.	4267.0	40.284	3385.7
#3	3375.4	44059.	4259.3	40.823	3364.1

Sample Name: K3026-16 Acquired: 5/24/2019 19:36:50 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00516	-.00196	.00047	.00204	.00356	.06597	.53738	.00085
Stddev	.00416	.00118	.00025	.00074	.00116	.01487	.00129	.00005
%RSD	80.624	60.385	53.784	36.490	32.622	22.538	.24034	5.4108

#1	.00326	-.00302	.00039	.00174	.00288	.06473	.53610	.00087
#2	.00228	-.00069	.00027	.00149	.00291	.05176	.53868	.00089
#3	.00992	-.00217	.00076	.00288	.00491	.08141	.53737	.00080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	53.371	.00387	.01279	.00229	30.079	.59910	5.9508
Stddev	.00004	.316	.00018	.00018	.00033	.030	.00026	.0577
%RSD	3.4323	.59183	4.6063	1.3830	14.349	.10003	.04385	.96985

#1	-.00124	53.020	.00388	.01261	.00267	30.068	.59923	5.9246
#2	-.00119	53.633	.00404	.01279	.00206	30.056	.59880	5.9109
#3	-.00128	53.460	.00369	.01297	.00214	30.113	.59928	6.0170

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14908	-.00007	292.86	-.00023	.19234	1.6649	-.00026	.04392
Stddev	.00029	.00008	2.39	.00021	.00031	.0121	.00013	.00433
%RSD	.19349	120.41	.81642	91.221	.16366	.72582	50.555	9.8694

#1	.14920	-.00015	291.41	-.00037	.19269	1.6523	-.00040	.04089
#2	.14875	.00002	291.56	.00001	.19226	1.6764	-.00013	.04889
#3	.14929	-.00007	295.62	-.00033	.19208	1.6659	-.00025	.04199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77893	1.2062	-.00136	.00044	.00798	.0686	.17181	4.2833
Stddev	.00282	.0047	.00094	.00219	.00067	.0013	.00150	.1204
%RSD	.36266	.38877	68.823	499.24	8.4387	1.884	.87494	2.8107

#1	.78033	1.2024	-.00203	.00062	.00871	.0689	.17024	4.3719
#2	.78079	1.2114	-.00029	.00253	.00739	.0672	.17195	4.3318
#3	.77568	1.2048	-.00176	-.00184	.00783	.0698	.17323	4.1462

Sample Name: K3026-16 Acquired: 5/24/2019 19:36:50 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.144
 Stddev .370
 %RSD 3.6474

#1 9.9419
 #2 10.571
 #3 9.9182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.9	43981.	4296.4	40.711	3325.1
Stddev	8.1	133.	17.3	.782	11.0
%RSD	.24271	.30140	.40370	1.9202	.33134

#1	3341.7	43831.	4316.4	39.843	3316.9
#2	3347.4	44080.	4285.0	40.932	3320.7
#3	3357.7	44034.	4287.9	41.359	3337.6

Sample Name: K3035-01 Acquired: 5/24/2019 19:41:21 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00031	-.00147	.00118	.03221	.08362	.32256	.00075
Stddev	.00134	.00061	.00143	.00175	.00066	.00634	.00347	.00002
%RSD	210.74	193.43	97.361	147.58	2.0452	7.5808	1.0757	2.3314

#1	-.00058	-.00075	-.00185	-.00059	.03241	.07633	.31858	.00077
#2	-.00201	-.00057	-.00268	.00123	.03274	.08672	.32408	.00073
#3	.00068	.00038	.00011	.00291	.03147	.08782	.32500	.00075

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	22.311	-.00003	.00420	.01542	25.247	.10045	7.5430
Stddev	.00004	.237	.00012	.00011	.00045	.026	.00041	.0595
%RSD	4.0512	1.0617	354.57	2.6522	2.9010	.10449	.40568	.78937

#1	-.00097	22.072	-.00017	.00433	.01589	25.219	.10000	7.5648
#2	-.00096	22.315	.00008	.00417	.01536	25.249	.10079	7.4757
#3	-.00103	22.546	-.00002	.00411	.01501	25.272	.10056	7.5886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02142	-.00057	273.91	.00131	.14313	.29253	.01072	.03232
Stddev	.00032	.00042	.83	.00021	.00052	.02134	.00035	.02100
%RSD	1.4797	73.530	.30254	16.170	.36550	7.2940	3.2487	64.972

#1	.02152	-.00013	273.48	.00113	.14358	.30069	.01093	.05314
#2	.02168	-.00062	273.37	.00154	.14325	.26832	.01092	.03266
#3	.02107	-.00096	274.86	.00125	.14256	.30859	.01032	.01115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48214	.43356	-.00122	.00291	.00341	.2654	.03884	4.2805
Stddev	.00454	.00393	.00013	.00117	.00316	.0008	.00024	.1850
%RSD	.94125	.90575	10.901	40.143	92.448	.2879	.62697	4.3209

#1	.47731	.43809	-.00121	.00323	.00014	.2660	.03857	4.1830
#2	.48277	.43139	-.00109	.00389	.00644	.2657	.03905	4.4938
#3	.48632	.43119	-.00136	.00162	.00366	.2645	.03891	4.1646

Sample Name: K3035-01 Acquired: 5/24/2019 19:41:21 Type: Unk
 Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.4728
 Stddev .3394
 %RSD 4.0063

#1 8.7663
 #2 8.5509
 #3 8.1011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.9	44372.	4309.2	42.588	3364.8
Stddev	10.0	105.	19.6	1.361	11.8
%RSD	.29640	.23576	.45492	3.1958	.35068

#1	3360.1	44279.	4295.7	42.749	3351.3
#2	3369.5	44351.	4300.1	43.862	3369.6
#3	3380.1	44485.	4331.7	41.154	3373.4

Sample Name: CCV09 Acquired: 5/24/2019 19:45:53 Type: Unk
Method: P4-ICP2(v3148) 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	5.0935	5.1480	5.0407	5.0254	5.0781	9.6664	9.6017	.25865
Stddev	.0258	.0057	.0097	.0142	.0246	.1517	.1600	.00010
%RSD	.50706	.11052	.19241	.28310	.48456	1.5692	1.6663	.03860
#1	5.0955	5.1521	5.0519	5.0188	5.0869	9.4932	9.4194	.25855
#2	5.1183	5.1415	5.0341	5.0418	5.0971	9.7306	9.7192	.25864
#3	5.0667	5.1505	5.0362	5.0158	5.0503	9.7755	9.6664	.25875
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5256	24.927	1.0056	2.5494	1.2639	5.0789	2.6127	24.401
Stddev	.0056	.729	.0021	.0048	.0064	.0084	.0034	.386
%RSD	.22091	2.9229	.21229	.18739	.50834	.16544	.13000	1.5811
#1	2.5318	24.089	1.0054	2.5549	1.2650	5.0746	2.6164	23.956
#2	2.5242	25.410	1.0079	2.5461	1.2697	5.0886	2.6097	24.632
#3	2.5209	25.282	1.0036	2.5472	1.2570	5.0735	2.6121	24.616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4933	1.2172	23.557	2.5016	2.5759	23.000	4.9805	4.6753
Stddev	.0042	.0034	.303	.0073	.0029	.240	.0209	.0672
%RSD	.16909	.27740	1.2861	.29211	.11400	1.0444	.41873	1.4372
#1	2.4978	1.2187	23.221	2.5070	2.5792	22.729	4.9852	4.6319
#2	2.4927	1.2195	23.809	2.5045	2.5750	23.186	4.9986	4.6413
#3	2.4894	1.2133	23.641	2.4933	2.5735	23.086	4.9577	4.7527
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8928	4.7705	5.0908	5.0144	4.7993	5.155	4.9830	F 3.9315
Stddev	.0109	.0682	.0062	.1447	.1174	.012	.1450	.3692
%RSD	.22279	1.4305	.12159	2.8848	2.4461	.2254	2.9106	9.3917
#1	4.8939	4.6969	5.0929	4.8475	4.6648	5.167	4.8181	4.3579
#2	4.8813	4.8316	5.0957	5.0918	4.8809	5.144	5.0910	3.7179
#3	4.9030	4.7831	5.0839	5.1039	4.8523	5.153	5.0398	3.7188

Sample Name: CCV09 Acquired: 5/24/2019 19:45:53 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2438
Stddev .1187
%RSD 3.6603

#1 3.1277
#2 3.2387
#3 3.3650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.6	46097.	4337.5	41.678	3455.9
Stddev	19.4	120.	59.3	1.642	7.9
%RSD	.55558	.26133	1.3662	3.9399	.22871

#1	3494.4	46142.	4400.6	42.332	3453.5
#2	3475.2	45961.	4283.0	39.810	3449.4
#3	3514.1	46189.	4328.8	42.893	3464.7

Sample Name: CCB09 Acquired: 5/24/2019 19:49:57 Type: Unk
Method: P4-ICP2(v3148) 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	-.00094	.00314	-.00121	.00214	.00137	-.01122	.00064	.00010
Stddev	.00154	.00049	.00041	.00339	.00090	.00514	.00033	.00004
%RSD	163.79	15.642	33.669	158.98	65.185	45.784	52.021	40.471
#1	.00047	.00257	-.00155	.00444	.00040	-.01715	.00102	.00015
#2	-.00071	.00343	-.00076	-.00176	.00215	-.00802	.00053	.00006
#3	-.00259	.00341	-.00134	.00373	.00157	-.00850	.00038	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00679	-.00026	.00009	-.00027	.00007	-.00000	.03582
Stddev	.00005	.00591	.00002	.00014	.00016	.00027	.00001	.04877
%RSD	142.11	87.146	9.6486	164.53	61.035	394.95	343.93	136.17
#1	.00008	-.01120	-.00027	.00020	-.00028	.00030	-.00000	-.01232
#2	.00000	-.00007	-.00023	-.00007	-.00010	-.00022	-.00002	.08520
#3	.00001	-.00910	-.00027	.00014	-.00042	.00013	.00001	.03458
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00009	.09058	.00035	-.00045	.02169	.00039	.01613
Stddev	.00029	.00028	.00906	.00028	.00004	.00458	.00029	.00904
%RSD	295.49	312.67	9.9984	79.400	9.7604	21.115	74.845	56.023
#1	.00016	.00040	.09137	.00029	-.00050	.01661	.00069	.02598
#2	.00035	-.00015	.09922	.00011	-.00045	.02295	.00012	.01417
#3	-.00022	.00003	.08116	.00065	-.00041	.02550	.00035	.00823
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00209	-.00166	.00055	.00053	-.0002	.00009	F 2.8606
Stddev	.00156	.00140	.00057	.00089	.00222	.0019	.00007	.2154
%RSD	218.00	66.903	34.348	161.90	421.94	890.8	84.022	7.5289
#1	-.00250	-.00194	-.00227	-.00042	.00102	.0010	.00011	2.8381
#2	-.00007	-.00078	-.00114	.00075	-.00190	.0007	.00001	3.0864
#3	.00042	-.00357	-.00157	.00132	.00246	-.0024	.00015	2.6574

Sample Name: CCB09 Acquired: 5/24/2019 19:49:57 Type: Unk
Method: P4-ICP2(v3148) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .12228
Stddev .50365
%RSD 411.90

#1 -.37253
#2 .63433
#3 .10503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.2	49153.	4405.6	43.346	3932.4
Stddev	29.7	113.	40.2	.618	14.5
%RSD	.81143	.22893	.91197	1.4259	.36977

#1	3664.1	49067.	4410.3	43.661	3941.1
#2	3636.1	49112.	4363.3	43.743	3915.7
#3	3695.5	49280.	4443.2	42.634	3940.6