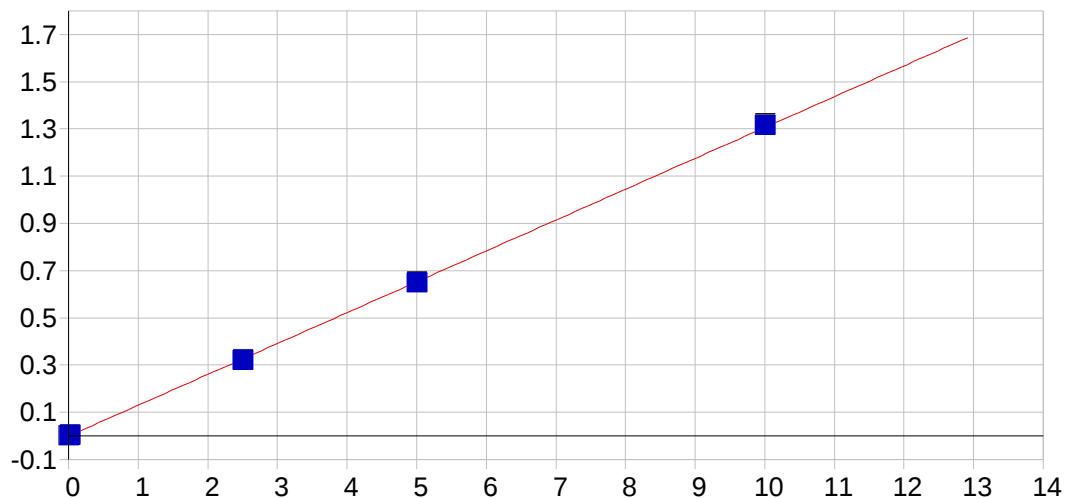


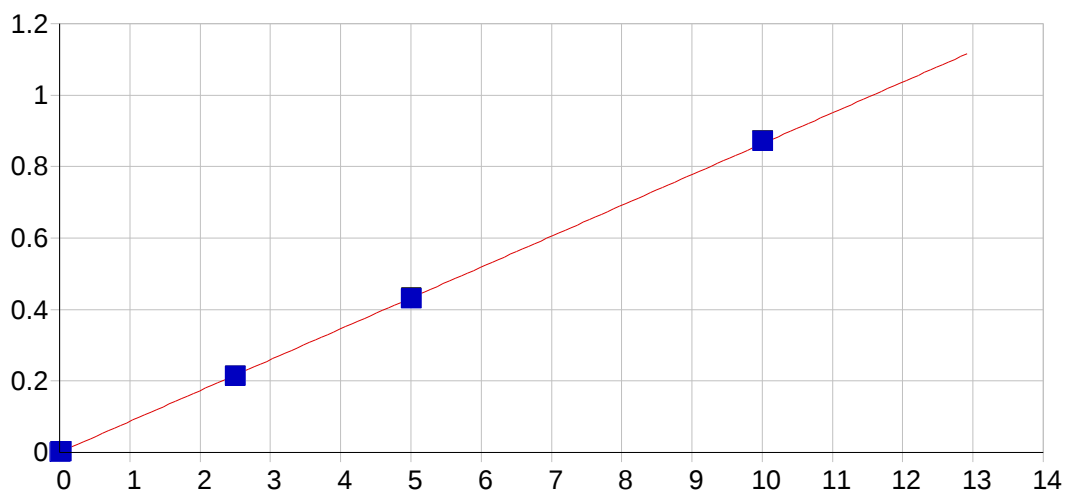


As 189.042 {478}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000743 Re-Slope: 1.000000
 A1 (Gain): 0.130691 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002487
 Predicted MQL: 0.008291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00074	.000	1
S1	.02000	.02140	.001	7.00	.00205	.000	1
S3	2.5000	2.4585	-.042	-1.66	.32054	.001	1
S4	5.0000	4.9639	-.036	-.721	.64796	.002	1
S5	10.000	10.076	.076	.762	1.3160	.003	1



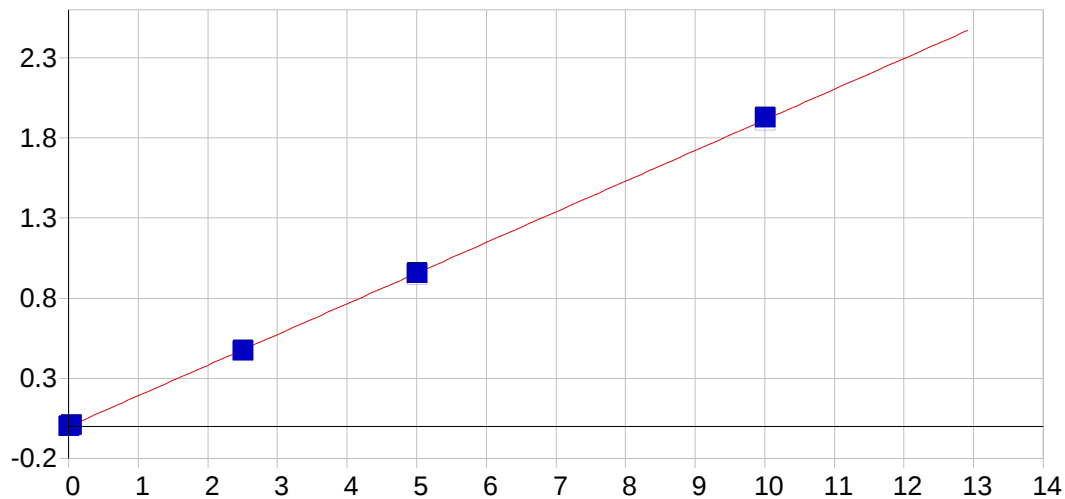
As 189.042 {479}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000746 Re-Slope: 1.000000

A1 (Gain): 0.086329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002384
 Predicted MQL: 0.007946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.02000	.01950	-.000	-2.48	.00243	.000	1
S3	2.5000	2.4557	-.044	-1.77	.21275	.001	1
S4	5.0000	4.9758	-.024	-.484	.43031	.001	1
S5	10.000	10.069	.069	.690	.87000	.002	1

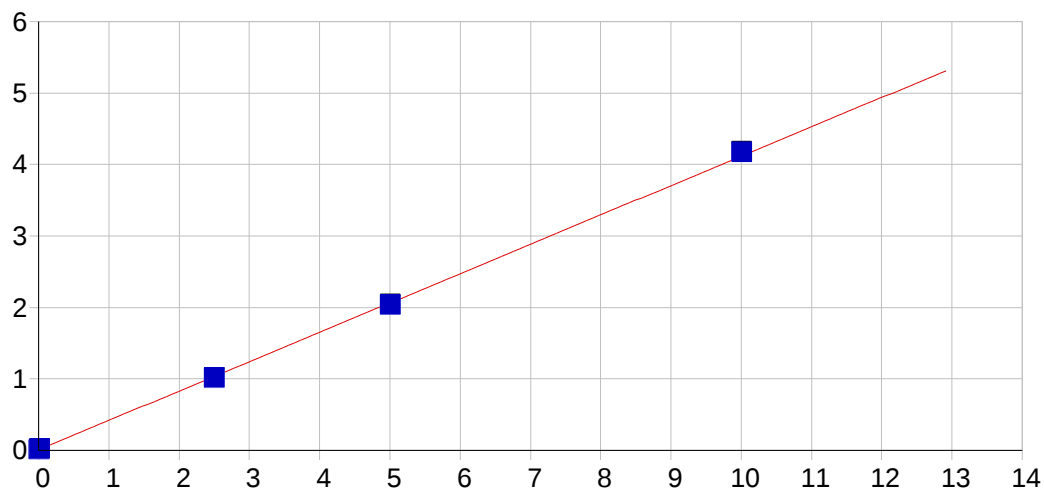


TI 190.856 {477}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.191383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001180
 Predicted MQL: 0.003932

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.04000	.03944	-.001	-1.39	.00700	.000	1
S3	2.5000	2.4667	-.033	-1.33	.46684	.002	1
S4	5.0000	4.9817	-.018	-.366	.94326	.004	1
S5	10.000	10.052	.052	.521	1.9038	.004	1

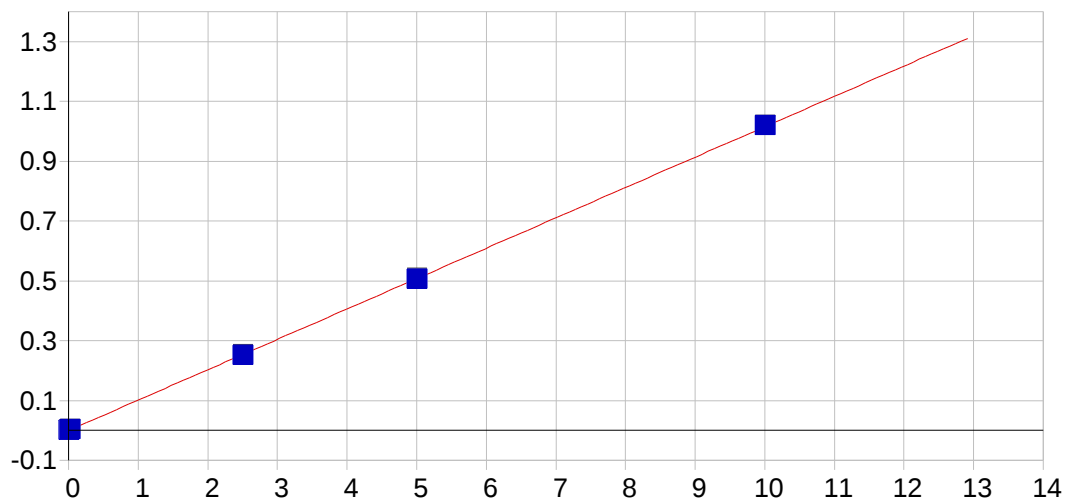


Pb 220.353 {453}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008334 Re-Slope: 1.000000
 A1 (Gain): 0.410779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000873
 Predicted MQL: 0.002909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00833	.000	1
S1	.01200	.01278	.001	6.50	.01350	.000	1
S3	2.5000	2.4344	-.066	-2.62	1.0072	.003	1
S4	5.0000	4.9313	-.069	-1.37	2.0316	.006	1
S5	10.000	10.134	.134	1.34	4.1662	.009	1



Se 196.090 {472}

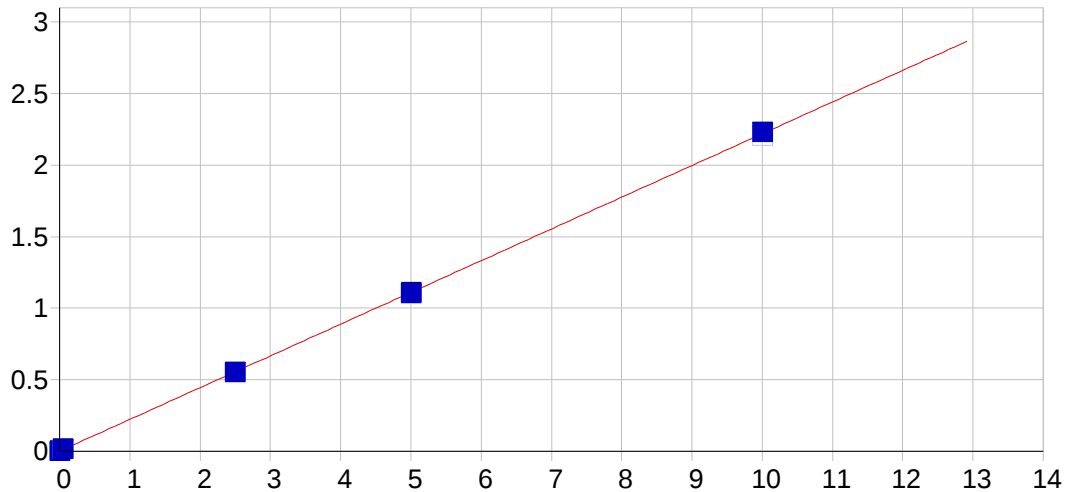
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000338 Re-Slope: 1.000000
 A1 (Gain): 0.101556 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000012
 Predicted MDL: 0.002819
 Predicted MQL: 0.009397

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.02000	.02067	.001	3.33	.00176	.000	1
S3	2.5000	2.4783	-.022	-.870	.25129	.001	1
S4	5.0000	4.9842	-.016	-.317	.50572	.001	1
S5	10.000	10.037	.037	.369	1.0187	.001	1



Sb 206.833 {463}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

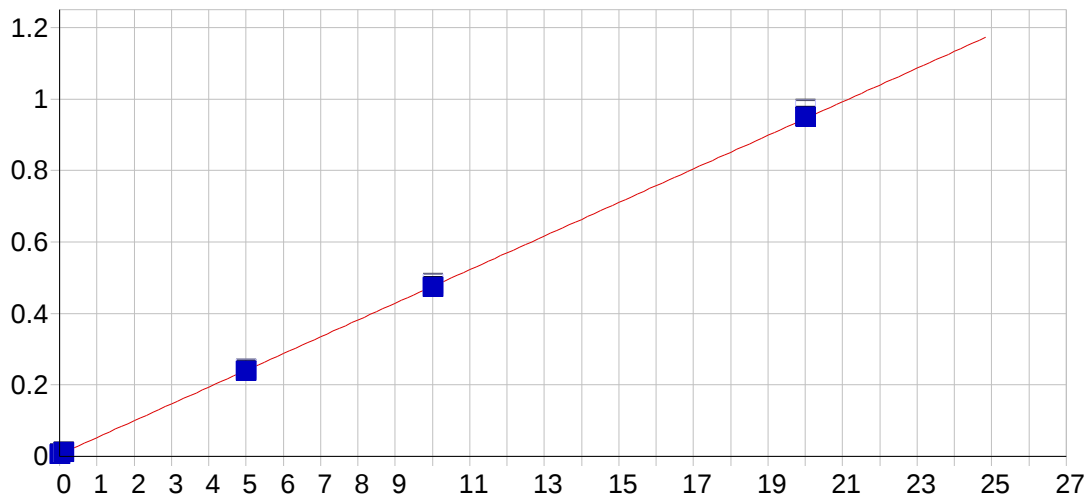
Weighting: 1/Conc

A0 (Offset): 0.001457
 A1 (Gain): 0.221818
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000045
 Predicted MDL: 0.001597
 Predicted MQL: 0.005325

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	.00146	.000	1
S1	.05000	.05266	.003	5.33	.01286	.000	1
S3	2.5000	2.4793	-.021	-.829	.54517	.000	1
S4	5.0000	4.9834	-.017	-.332	1.0944	.002	1
S5	10.000	10.035	.035	.347	2.2024	.001	1

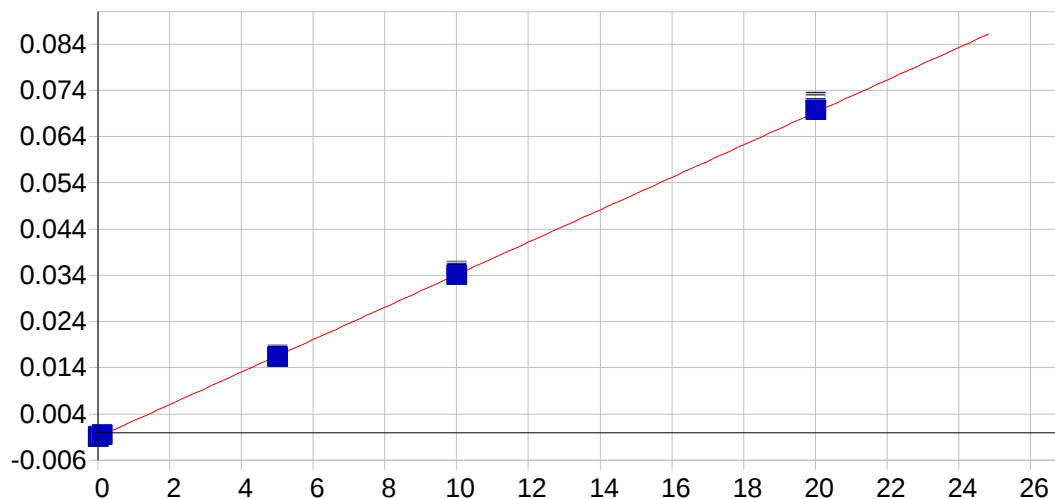


AI 308.215 {109}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005741 Re-Slope: 1.000000
 A1 (Gain): 0.046976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002585
 Predicted MQL: 0.008617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00574	.000	1
S1	.10000	.10579	.006	5.79	.01104	.000	1
S3	5.0000	4.9494	-.051	-1.01	.24292	.001	1
S4	10.000	9.9469	-.053	-.531	.48236	.001	1
S5	20.000	20.098	.098	.488	.96855	.001	1



AI 309.271 {109}

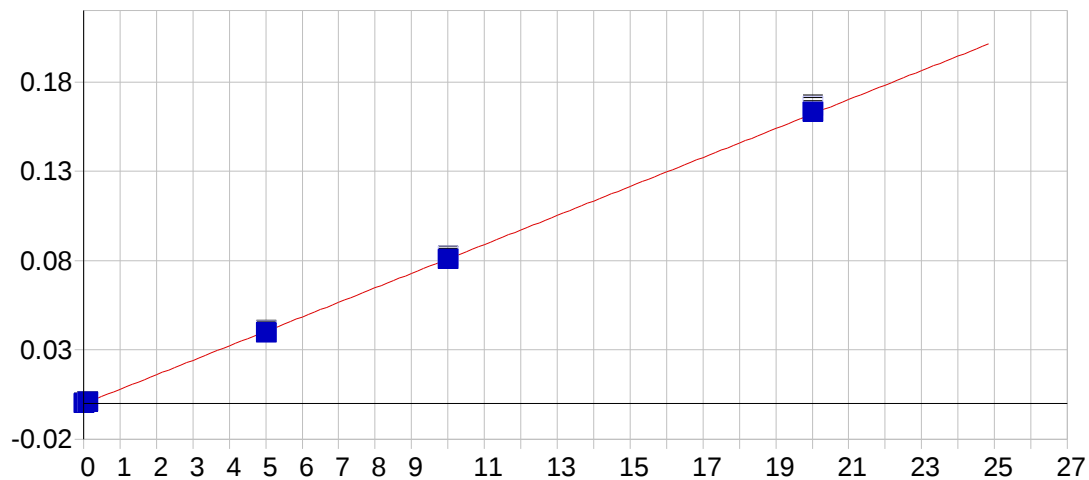
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000958 Re-Slope: 1.000000
 A1 (Gain): 0.003508 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000002
 Predicted MDL: 0.026161
 Predicted MQL: 0.087203

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.10000	.09728	-.003	-2.72	-.00059	.000	1
S3	5.0000	4.9217	-.078	-1.57	.01666	.000	1
S4	10.000	9.9434	-.057	-.566	.03462	.000	1
S5	20.000	20.138	.138	.689	.07108	.000	1



AI 396.152 { 85}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

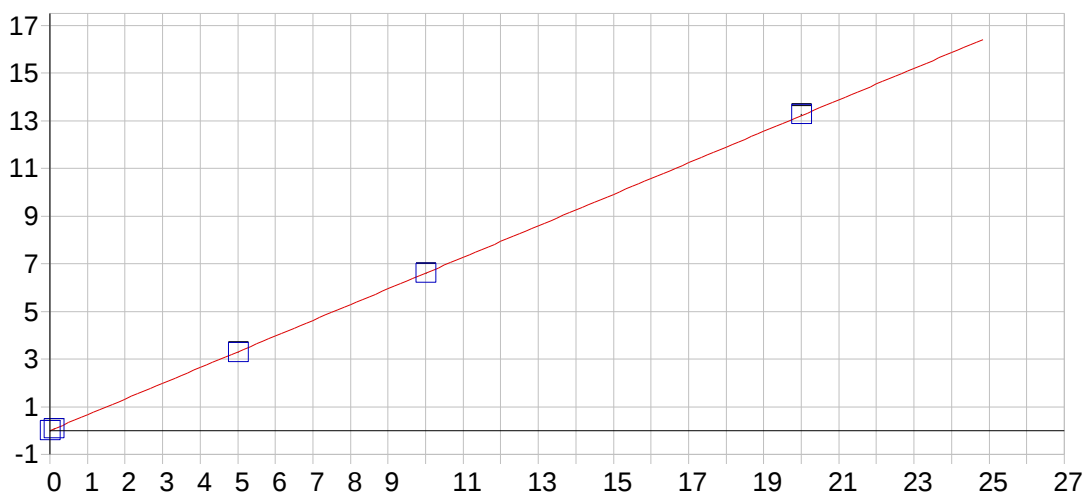
Weighting: 1/Conc

A0 (Offset): -0.000109
 A1 (Gain): 0.008107
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000006
 Predicted MDL: 0.015358
 Predicted MQL: 0.051193

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	-.00011	.000	1
S1	.10000	.10920	.009	9.20	.00083	.000	1
S3	5.0000	4.9013	-.099	-1.97	.04043	.000	1
S4	10.000	9.9675	-.032	-.325	.08231	.000	1
S5	20.000	20.121	.121	.607	.16625	.001	1

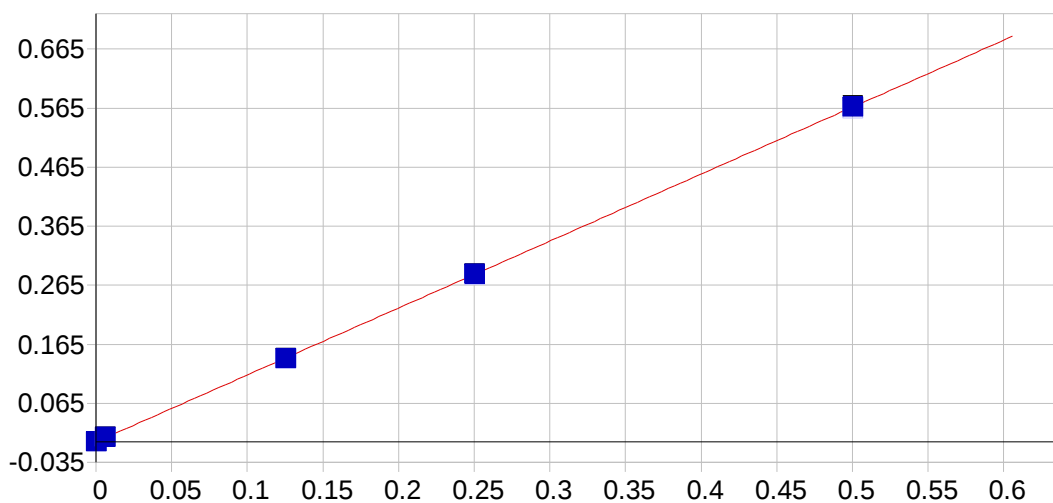


Ba 493.409 { 68}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.660636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000225
 Predicted MDL: 0.000472
 Predicted MQL: 0.001575

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.10000	.10380	.004	3.80	.06876	.001	1
S3	5.0000	4.9542	-.046	-.916	3.2731	.016	1
S5	20.000	20.050	.050	.252	13.246	.040	1
S4	10.000	9.9916	-.008	-.084	6.6010	.010	1



Be 234.861 {144}

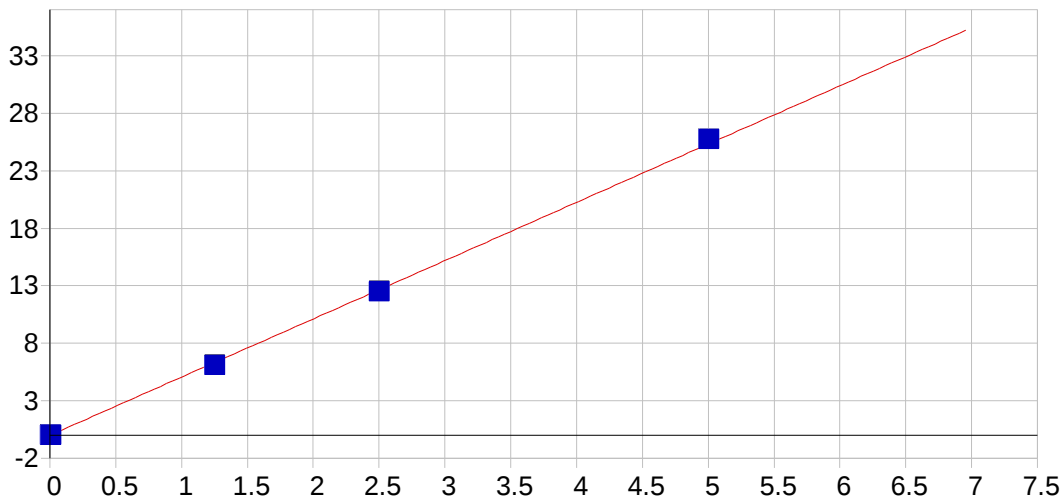
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000417 Re-Slope: 1.000000
 A1 (Gain): 1.134174 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000020
 Predicted MDL: 0.000072
 Predicted MQL: 0.000239

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00042	.000	1
S1	.00600	.00639	.000	6.56	.00676	.000	1
S3	.12500	.12431	-.001	-.552	.13968	.000	1
S4	.25000	.25016	.000	.065	.28153	.000	1
S5	.50000	.50013	.000	.027	.56325	.002	1



Cd 226.502 {449}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

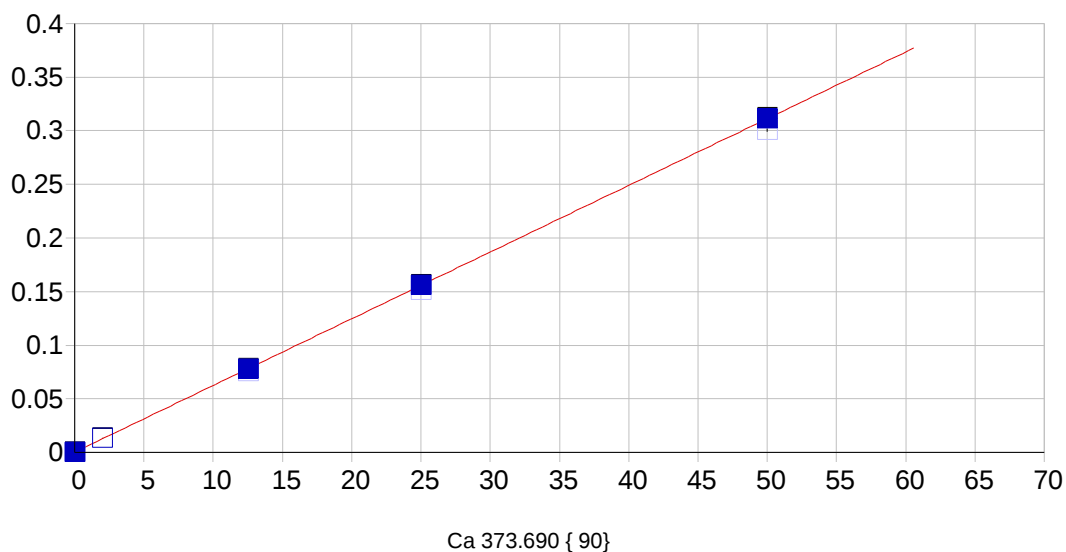
Weighting: 1/Conc

A0 (Offset): -0.006396
 A1 (Gain): 5.063842
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000996
 Predicted MDL: 0.000083
 Predicted MQL: 0.000276

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

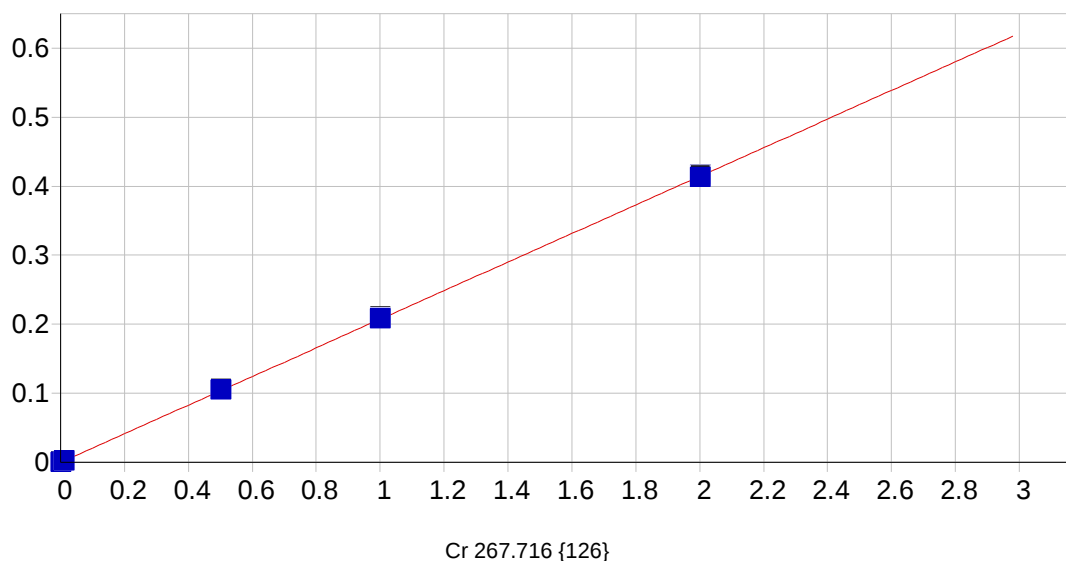
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00639	.000	1
S1	.00600	.00580	-.000	-3.31	.02304	.000	1
S3	1.2500	1.1989	-.051	-4.09	6.0662	.014	1
S4	2.5000	2.4682	-.032	-1.27	12.495	.031	1
S5	5.0000	5.0830	.083	1.66	25.739	.049	1



Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.006222 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.015895
 Predicted MQL: 0.052984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0660	.066	3.30	.01305	.000	1
S0	.00000	-.00006	-.000	.000	.00020	.000	1
S3	12.500	12.450	-.050	-.398	.07508	.000	1
S4	25.000	25.056	.056	.222	.15092	.000	1
S5	50.000	49.926	-.074	-.148	.30049	.002	1



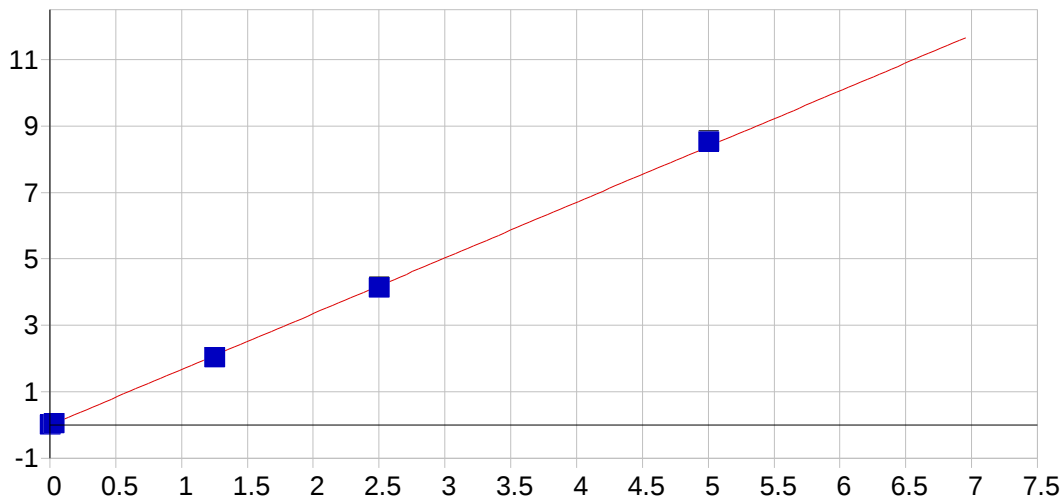
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.207175 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000008
 Predicted MDL: 0.000465
 Predicted MQL: 0.001551

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01047	.000	4.70	.00224	.000	1
S3	.50000	.50359	.004	.718	.10521	.000	1
S4	1.0000	1.0039	.004	.395	.20968	.001	1
S5	2.0000	1.9920	-.008	-.400	.41601	.001	1



Co 228.616 {447}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

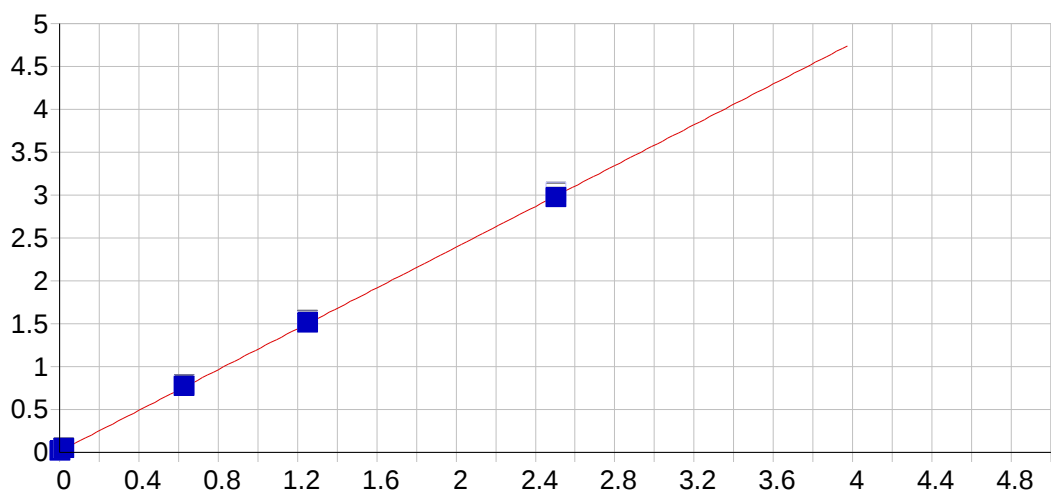
Weighting: 1/Conc

A0 (Offset): -0.001600
 A1 (Gain): 1.676509
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794
 Std Error of Est: 0.000713
 Predicted MDL: 0.000213
 Predicted MQL: 0.000710

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	-.00160	.000	1
S1	.03000	.02914	-.001	-2.88	.04691	.000	1
S3	1.2500	1.2051	-.045	-3.60	2.0203	.003	1
S4	2.5000	2.4621	-.038	-1.52	4.1294	.011	1
S5	5.0000	5.0837	.084	1.67	8.5278	.016	1

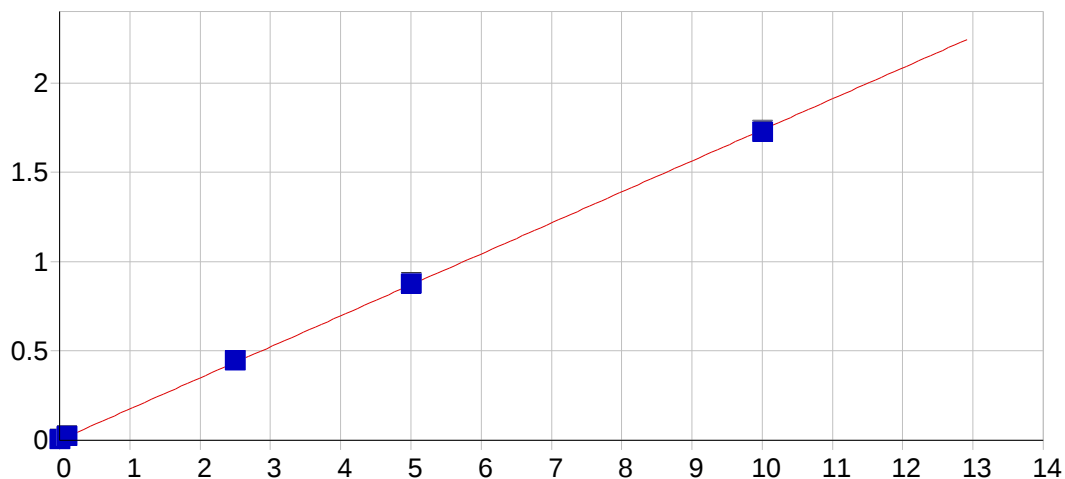


Cu 224.700 {450}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014943 Re-Slope: 1.000000
 A1 (Gain): 1.188957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.000392
 Predicted MQL: 0.001308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01494	.000	1
S1	.02000	.02219	.002	10.9	.04177	.000	1
S3	.62500	.63450	.009	1.52	.78342	.001	1
S4	1.2500	1.2528	.003	.224	1.5327	.003	1
S5	2.5000	2.4855	-.014	-.579	3.0265	.003	1



Fe 240.488 {140}

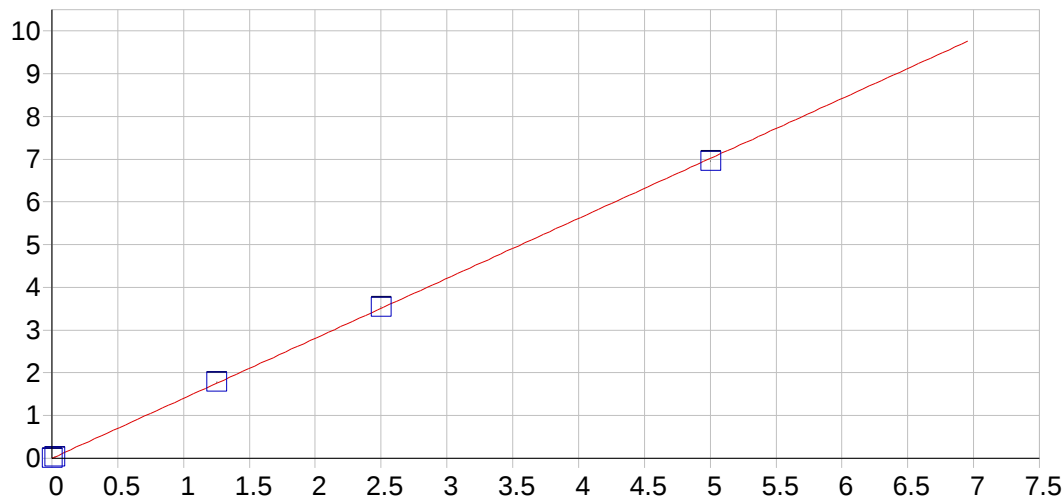
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002168 Re-Slope: 1.000000
 A1 (Gain): 0.173526 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000097
 Predicted MDL: 0.000551
 Predicted MQL: 0.001837

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00217	.000	1
S1	.10000	.10738	.007	7.38	.02089	.000	1
S3	2.5000	2.5381	.038	1.52	.44421	.000	1
S4	5.0000	5.0308	.031	.616	.87838	.001	1
S5	10.000	9.9238	-.076	-.762	1.7307	.002	1



Mn 257.610 {131}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

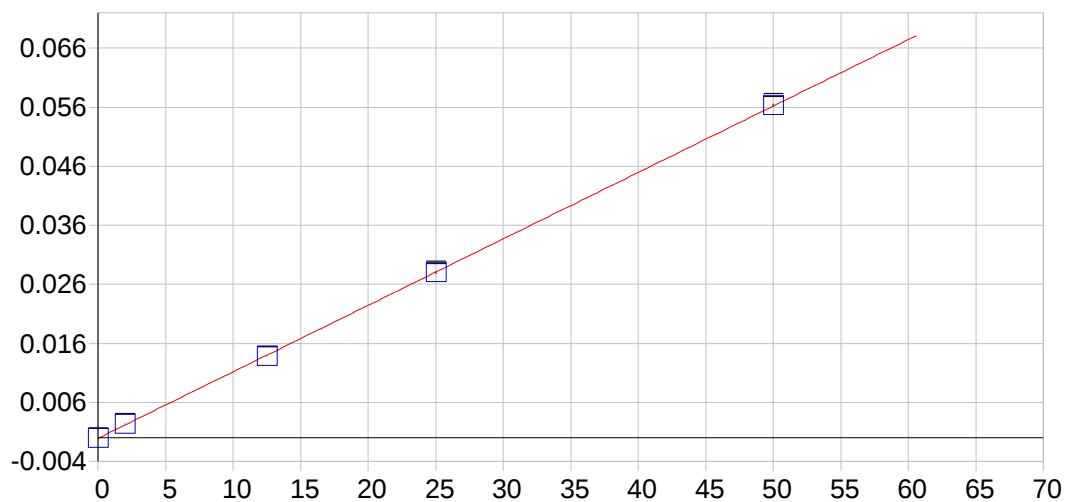
Weighting: 1/Conc

A0 (Offset): 0.000251
 A1 (Gain): 1.403442
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000273
 Predicted MDL: 0.000067
 Predicted MQL: 0.000225

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	.00025	.000	1
S1	.02000	.02240	.002	12.0	.03169	.000	1
S3	1.2500	1.2682	.018	1.45	1.7801	.001	1
S4	2.5000	2.5227	.023	.907	3.5407	.003	1
S5	5.0000	4.9567	-.043	-.865	6.9567	.010	1

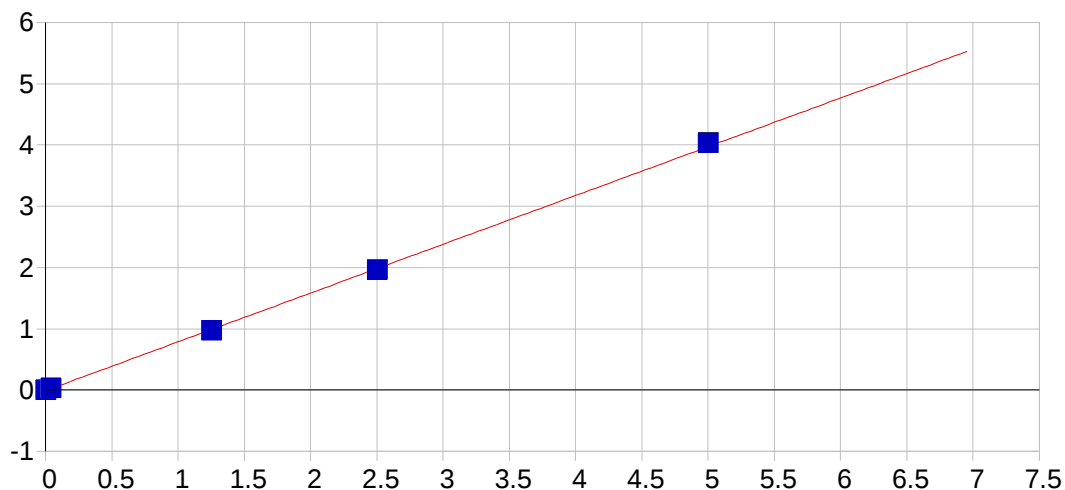


Mg 279.079 {121}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.001125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.042431
 Predicted MQL: 0.141436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1286	.129	6.43	.00231	.000	1
S0	.00000	-.00010	-.000	.000	-.00008	.000	1
S3	12.500	12.286	-.214	-1.71	.01375	.000	1
S4	25.000	24.960	-.040	-.158	.02801	.000	1
S5	50.000	50.125	.125	.250	.05633	.000	1



Ni 231.604 {445}

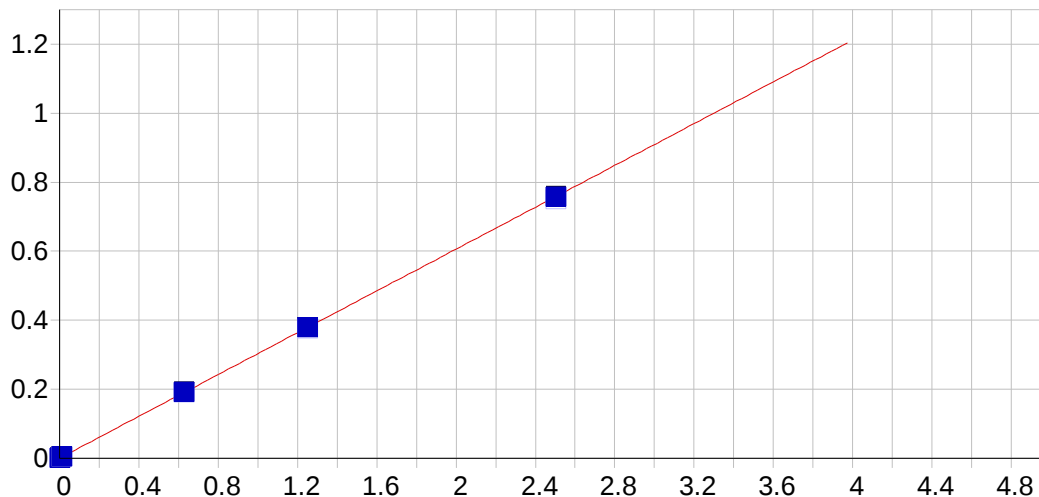
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009478 Re-Slope: 1.000000
 A1 (Gain): 0.796307 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000303
 Predicted MDL: 0.000416
 Predicted MQL: 0.001387

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00948	.000	1
S1	.04000	.04036	.000	.910	.02268	.000	1
S3	1.2500	1.2173	-.033	-2.62	.96092	.002	1
S4	2.5000	2.4665	-.034	-1.34	1.9568	.004	1
S5	5.0000	5.0659	.066	1.32	4.0289	.007	1



Ag 328.068 {103}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

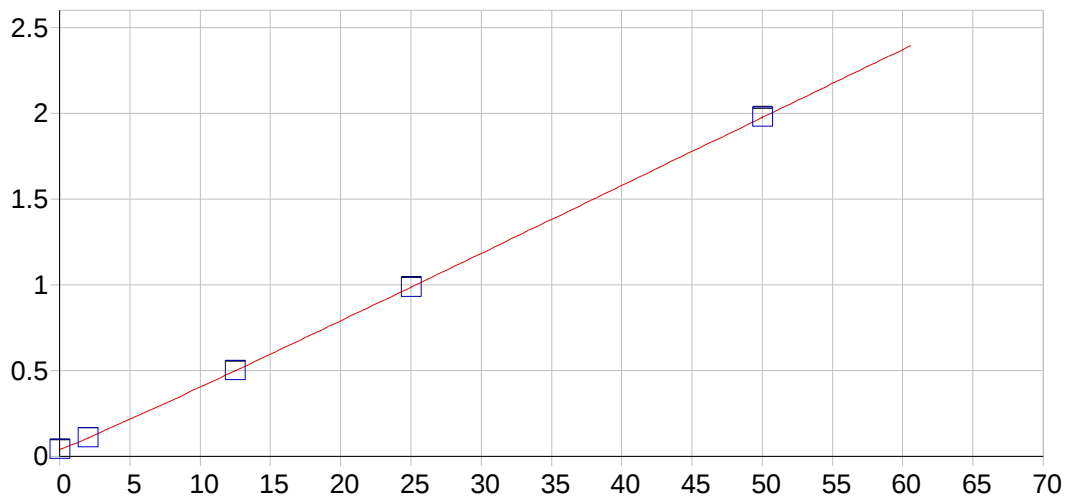
Weighting: 1/Conc

A0 (Offset): 0.000484
 A1 (Gain): 0.302880
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000005
 Predicted MDL: 0.000538
 Predicted MQL: 0.001792

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	.00048	.000	1
S1	.01000	.01015	.000	1.52	.00350	.000	1
S3	.62500	.62793	.003	.469	.18852	.000	1
S4	1.2500	1.2480	-.002	-.161	.37416	.000	1
S5	2.5000	2.4989	-.001	-.043	.74874	.001	1

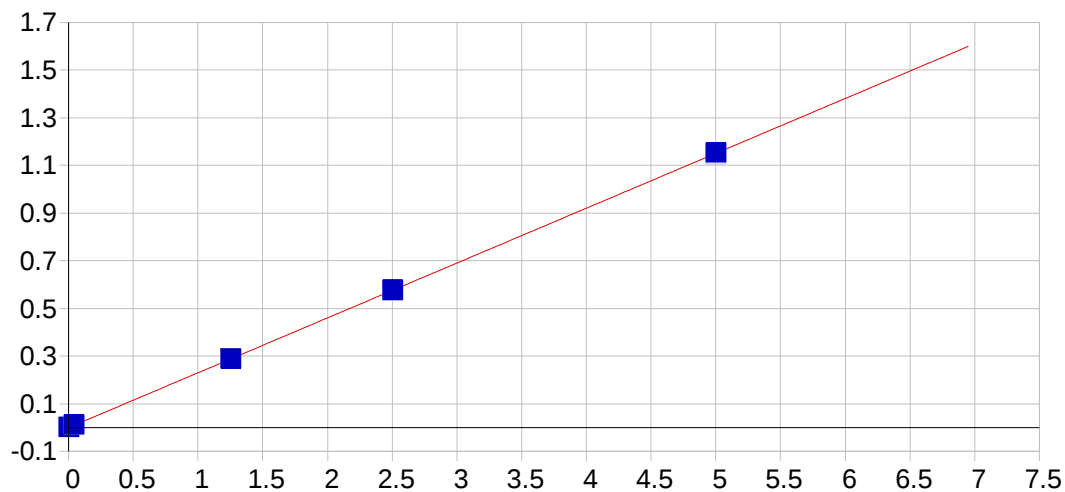


Na 589.592 { 57}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.039274 Re-Slope: 1.000000
 A1 (Gain): 0.032619 Y-int: 0.000000
 A2 (Curvature): -0.000013
 n (Exponent): 1.050000
 Correlation: 1.000000 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.009992
 Predicted MQL: 0.033305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0104	.010	.522	.10713	.000	1
S0	.00000	.00000	.000	.000	.03927	.002	1
S3	12.500	12.488	-.012	-.097	.49886	.002	1
S4	25.000	25.001	.001	.006	.98619	.001	1
S5	50.000	50.002	.002	.003	1.9754	.006	1



V 292.402 {115}

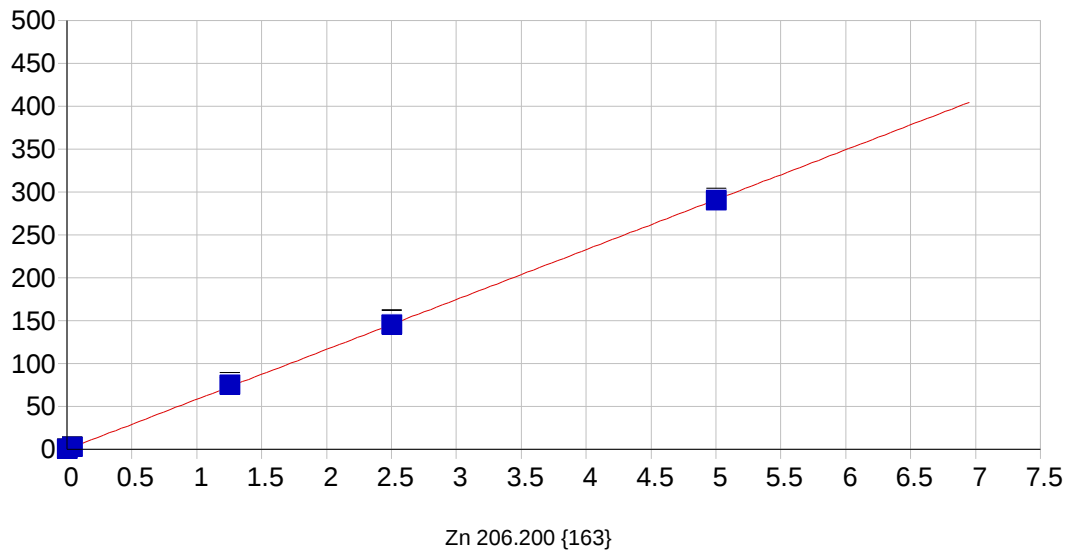
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.230339 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000016
 Predicted MDL: 0.000482
 Predicted MQL: 0.001606

Status: OK.

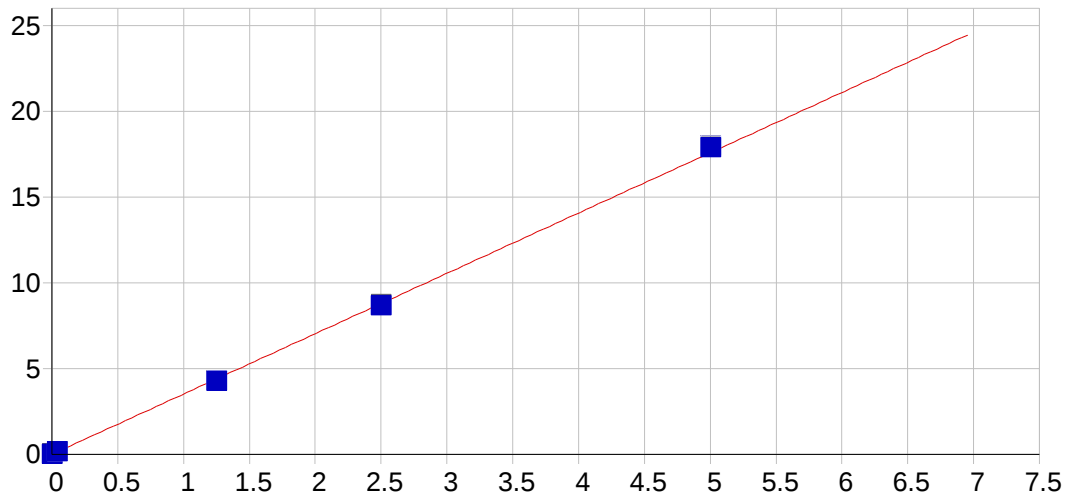
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.04000	.04164	.002	4.10	.00935	.000	1
S3	1.2500	1.2501	.000	.008	.28597	.000	1
S4	2.5000	2.4980	-.002	-.079	.57153	.001	1
S5	5.0000	5.0003	.000	.005	1.1441	.001	1



Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.070175 Re-Slope: 1.000000
 A1 (Gain): 58.191851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.017132
 Predicted MDL: 0.000385
 Predicted MQL: 0.001283

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.06997	.027	1
S1	.04000	.04285	.003	7.12	2.5788	.049	1
S3	1.2500	1.2838	.034	2.71	75.219	2.48	1
S4	2.5000	2.4903	-.010	-.390	145.86	5.06	1
S5	5.0000	4.9731	-.027	-.539	291.22	1.51	1

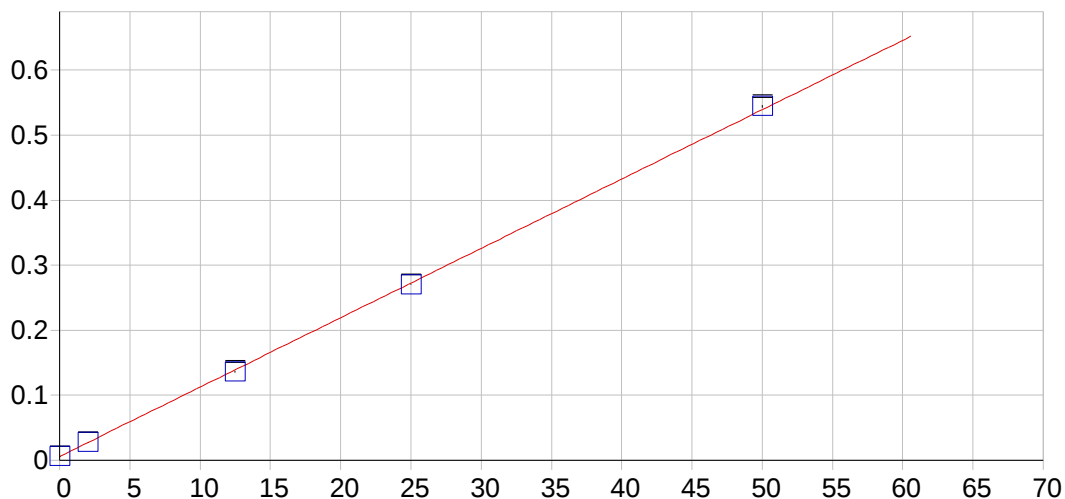


Zn 213.856 {458}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004490 Re-Slope: 1.000000
 A1 (Gain): 3.515271 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.001612
 Predicted MDL: 0.000085
 Predicted MQL: 0.000285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00450	.000	1
S1	.04000	.03867	-.001	-3.33	.14140	.000	1
S3	1.2500	1.2112	-.039	-3.10	4.2903	.008	1
S4	2.5000	2.4602	-.040	-1.59	8.7089	.020	1
S5	5.0000	5.0799	.080	1.60	17.974	.007	1



K 766.490 {44}

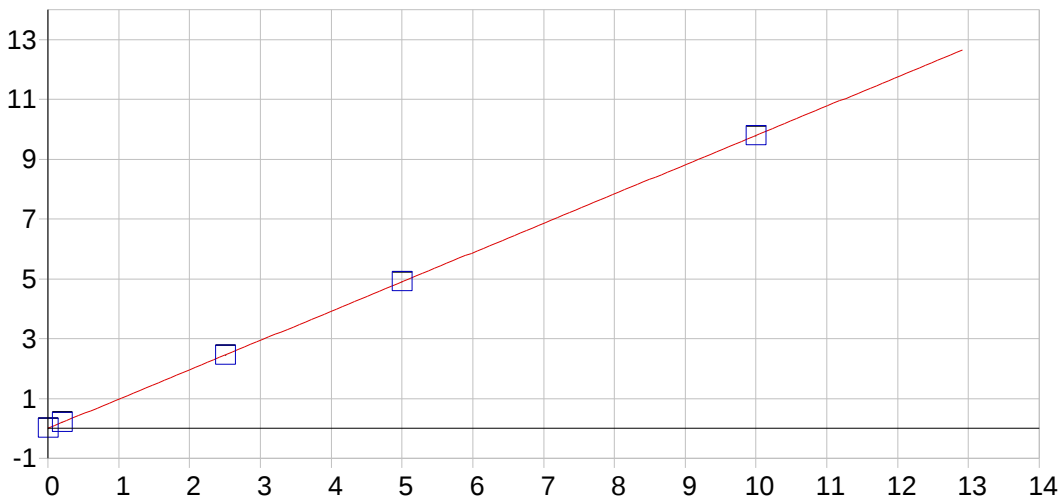
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005966 Re-Slope: 1.000000
 A1 (Gain): 0.010666 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000075
 Predicted MDL: 0.029538
 Predicted MQL: 0.098461

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0518	.052	2.59	.02785	.000	1
S0	.00000	-.00001	-.000	.000	.00597	.000	1
S3	12.500	12.203	-.297	-2.38	.13612	.001	1
S4	25.000	24.774	-.226	-.905	.27019	.000	1
S5	50.000	50.471	.471	.943	.54427	.002	1



Mo 202.030 {467}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

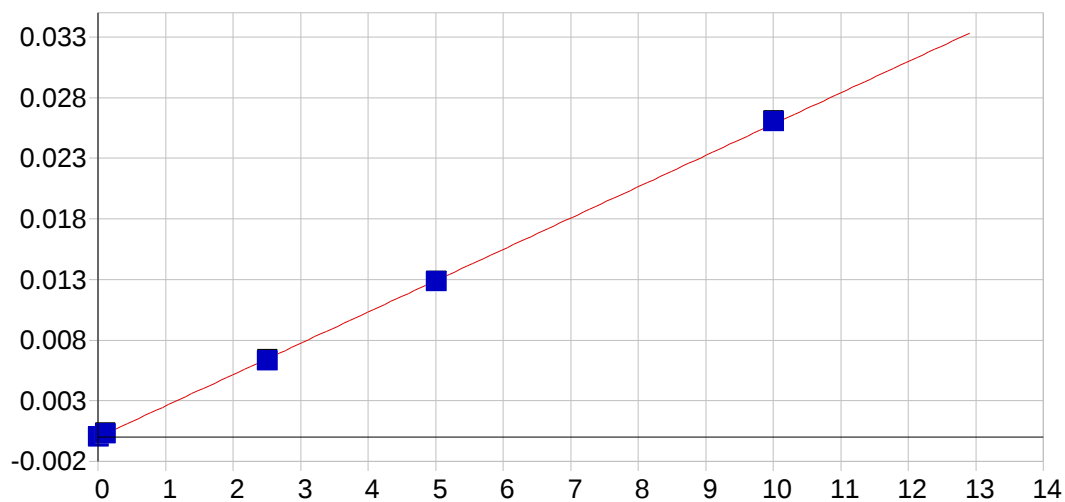
Weighting: 1/Conc

A0 (Offset): -0.000416
 A1 (Gain): 0.979582
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000538
 Predicted MDL: 0.000297
 Predicted MQL: 0.000991

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	-.00043	.000	1
S1	.20000	.21333	.013	6.67	.20856	.001	1
S3	2.5000	2.4992	-.001	-.033	2.4477	.003	1
S4	5.0000	5.0004	.000	.007	4.8978	.008	1
S5	10.000	9.9871	-.013	-.129	9.7828	.010	1

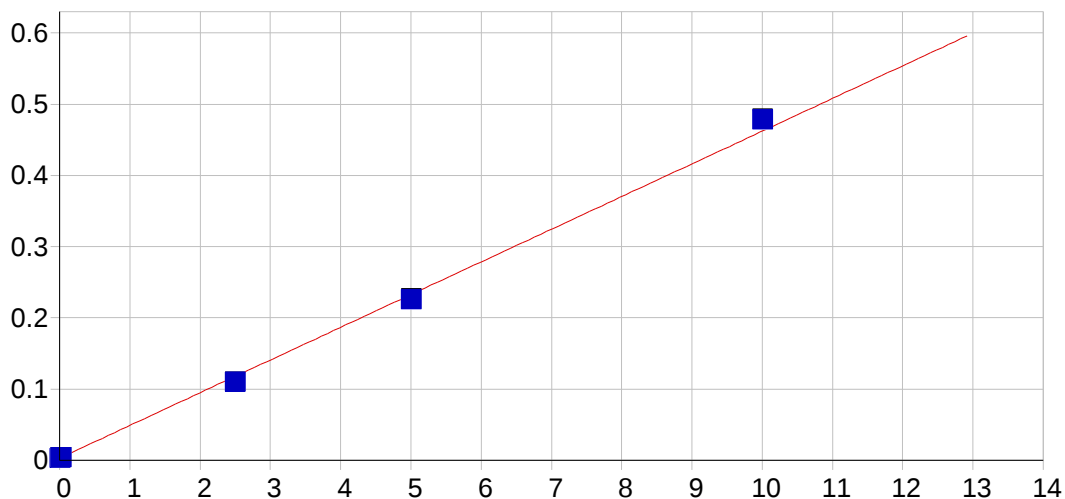


B 249.678 {135}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.002583 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.012661
 Predicted MQL: 0.042202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.10000	.11064	.011	10.6	.00027	.000	1
S3	2.5000	2.4421	-.058	-2.32	.00628	.000	1
S4	5.0000	4.9695	-.030	-.610	.01279	.000	1
S5	10.000	10.078	.078	.778	.02596	.000	1



S 182.034 {485}

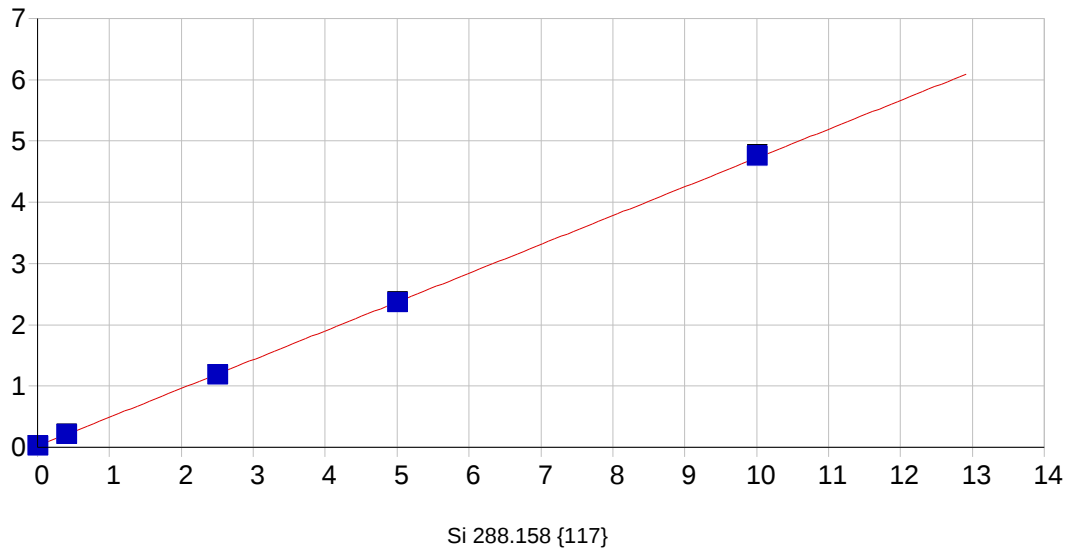
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003058 Re-Slope: 1.000000
 A1 (Gain): 0.045917 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999118
 Std Error of Est: 0.000047
 Predicted MDL: 0.003392
 Predicted MQL: 0.011305

Status: OK.

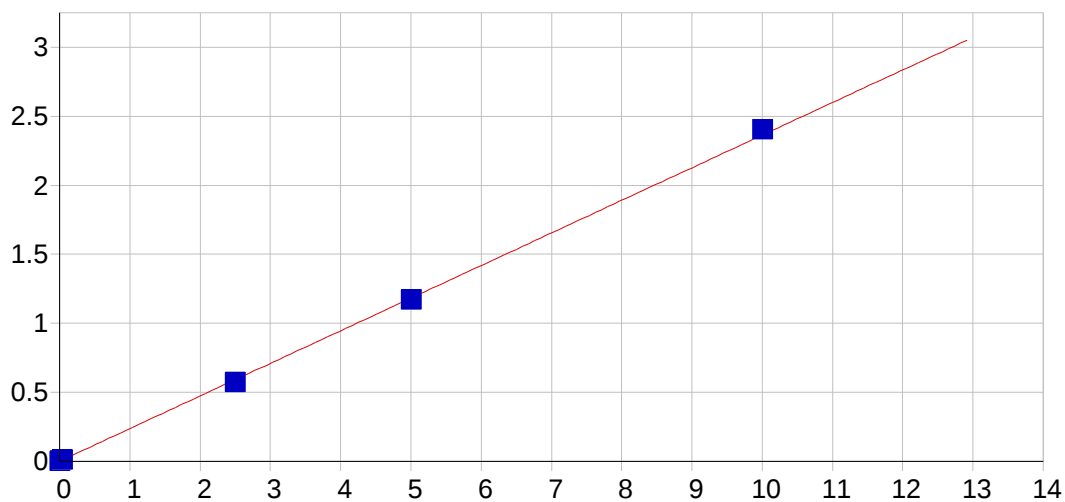
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00306	.000	1
S1	.02000	.01522	-.005	-23.9	.00373	.000	1
S3	2.5000	2.3202	-.180	-7.19	.10947	.000	1
S4	5.0000	4.8414	-.159	-3.17	.22510	.001	1
S5	10.000	10.343	.343	3.43	.47747	.001	1



Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020828 Re-Slope: 1.000000
 A1 (Gain): 0.470108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.002285
 Predicted MQL: 0.007617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02083	.002	1
S1	.40000	.39179	-.008	-2.05	.20486	.000	1
S3	2.5000	2.4717	-.028	-1.13	1.1822	.002	1
S4	5.0000	4.9796	-.020	-.409	2.3605	.011	1
S5	10.000	10.057	.057	.569	4.7462	.027	1

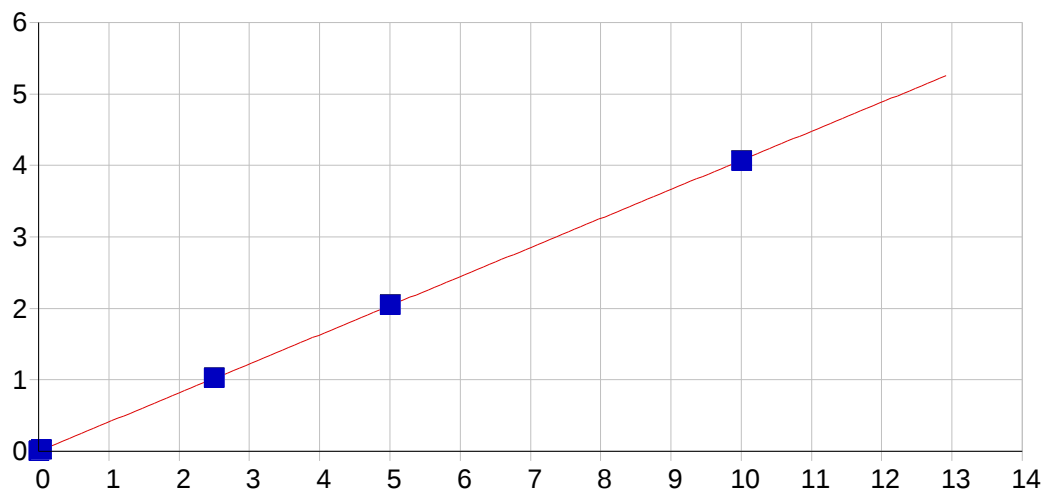


Sn 189.989 {477}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001573 Re-Slope: 1.000000
 A1 (Gain): 0.236171 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000725
 Predicted MQL: 0.002415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00157	.000	1
S1	.04000	.03822	-.002	-4.46	.01060	.000	1
S3	2.5000	2.4073	-.093	-3.71	.57021	.002	1
S4	5.0000	4.9365	-.064	-1.27	1.1676	.001	1
S5	10.000	10.158	.158	1.58	2.4010	.002	1



Ti 336.121 {100}

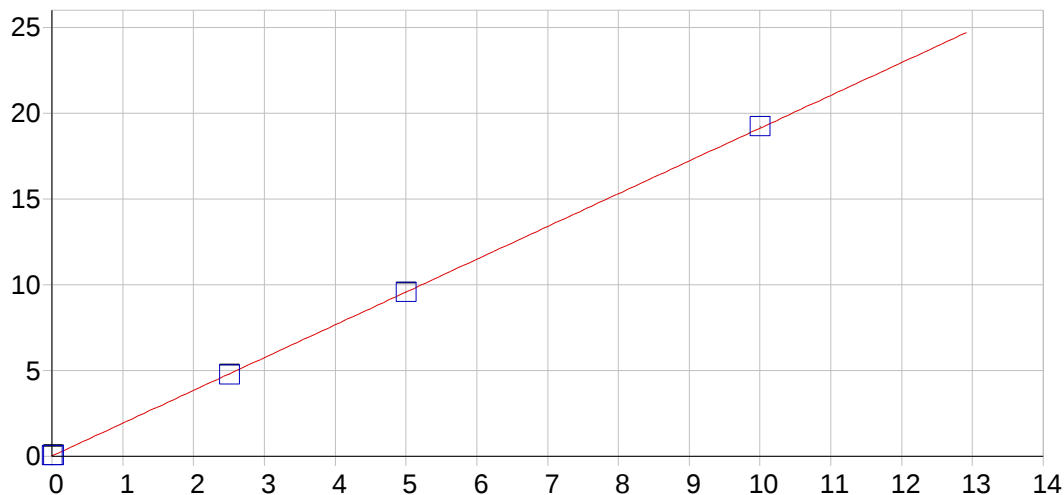
Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003449 Re-Slope: 1.000000
 A1 (Gain): 0.406764 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000056
 Predicted MDL: 0.001664
 Predicted MQL: 0.005547

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00345	.001	1
S1	.04000	.04200	.002	5.00	.02052	.000	1
S3	2.5000	2.5043	.004	.172	1.0220	.001	1
S4	5.0000	5.0218	.022	.436	2.0459	.003	1
S5	10.000	9.9719	-.028	-.281	4.0591	.009	1



Li 670.784 { 50}

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

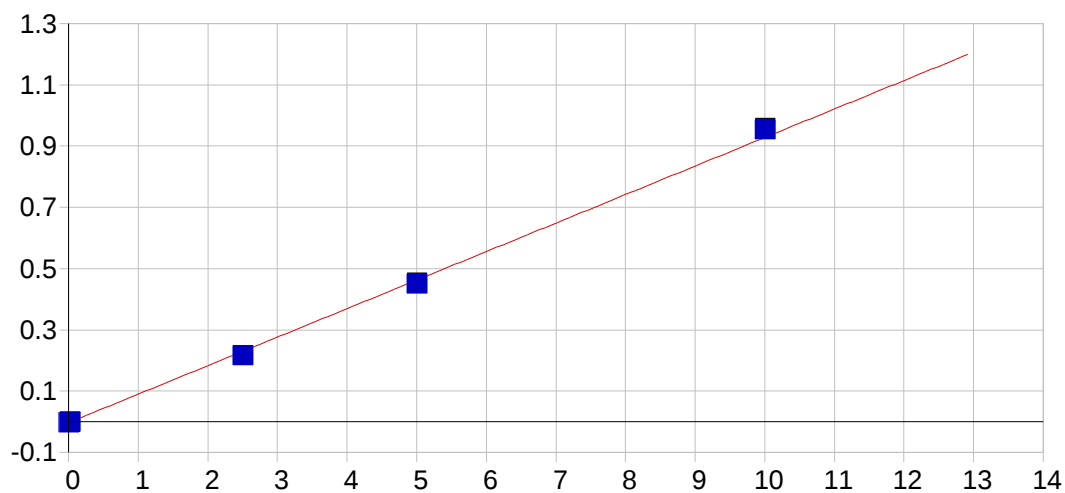
Weighting: 1/Conc

A0 (Offset): 0.020111
 A1 (Gain): 1.910700
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000280
 Predicted MDL: 0.001594
 Predicted MQL: 0.005312

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	.02011	.002	1
S1	.02000	.01858	-.001	-7.10	.05561	.002	1
S3	2.5000	2.4755	-.024	-.980	4.7501	.019	1
S4	5.0000	4.9791	-.021	-.417	9.5337	.018	1
S5	10.000	10.047	.047	.468	19.216	.003	1



P 177.495 {490}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003111 Re-Slope: 1.000000
 A1 (Gain): 0.093110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999429 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001746
 Predicted MQL: 0.005822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00311	.000	1
S1	.02000	.02019	.000	.972	-.00124	.000	1
S3	2.5000	2.3506	-.149	-5.98	.21542	.000	1
S4	5.0000	4.8714	-.129	-2.57	.44979	.001	1
S5	10.000	10.278	.278	2.78	.95251	.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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

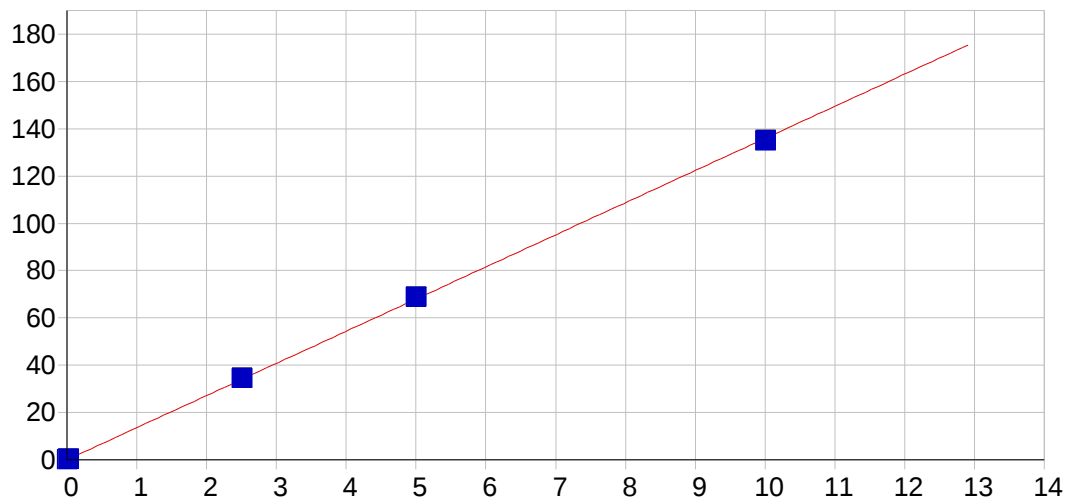
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/12/2019 17:31:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001545

Re-Slope: 1.000000

A1 (Gain): 13.589494

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

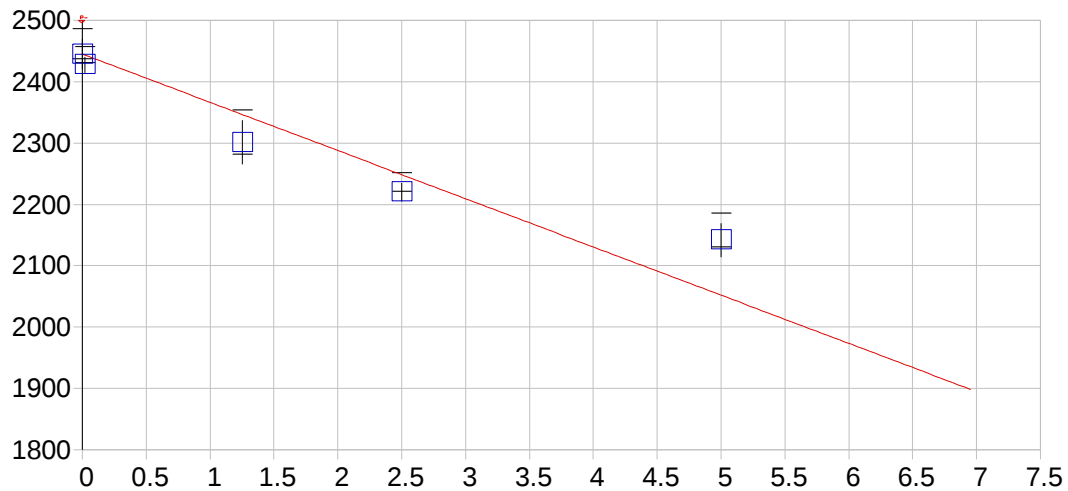
Status: OK.

Std Error of Est: 0.003200

Predicted MDL: 0.000091

Predicted MQL: 0.000304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00151	.000	1
S1	.02000	.02215	.002	10.8	.30406	.002	1
S3	2.5000	2.5259	.026	1.03	34.364	.065	1
S4	5.0000	5.0516	.052	1.03	68.725	.118	1
S5	10.000	9.9204	-.080	-.796	134.96	.124	1

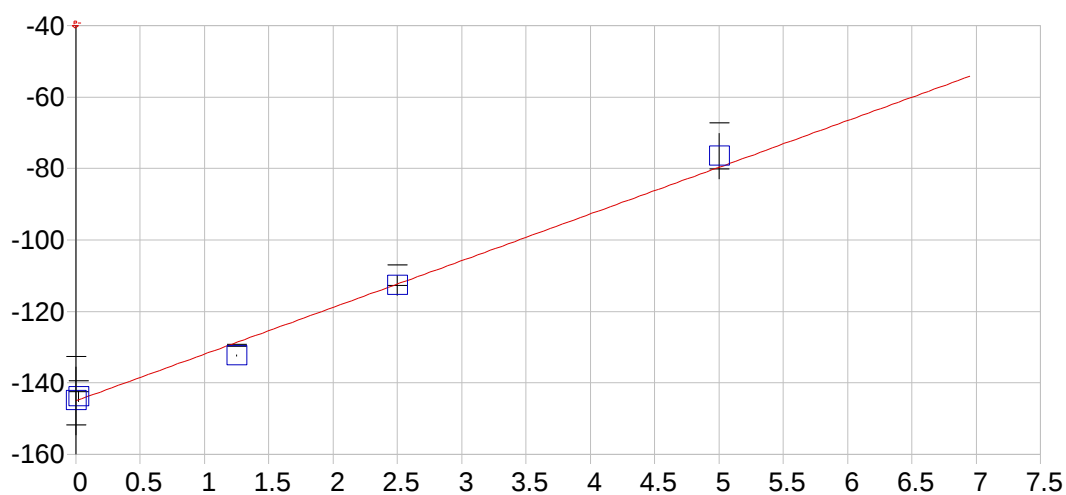


U 367.007 { 92 }

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2445.028776 Re-Slope: 1.000000
 A1 (Gain): -78.605363 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.880197 Status: Warning Negative Gain
 Std Error of Est: 0.724297
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	2445.0	24.4	1
S1	.02000	.21817	.198	991.	2427.9	13.0	1
S3	1.2500	1.8312	.581	46.5	2301.1	35.9	1
S4	2.5000	2.8632	.363	14.5	2220.0	15.2	1
S5	5.0000	3.8574	-1.14	-22.9	2141.8	27.4	1



U 385.958 { 87}

Date of Fit: 6/12/2019 17:31:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -144.995854 Re-Slope: 1.000000
 A1 (Gain): 13.066367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.982236 Status: OK.
 Std Error of Est: 0.042658
 Predicted MDL: 0.795139
 Predicted MQL: 2.650464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	-145.00	9.62	1
S1	.02000	.08990	.070	350.	-143.82	1.51	1
S3	1.2500	.96751	-.282	-22.6	-132.35	.255	1
S4	2.5000	2.4738	-.026	-1.05	-112.67	2.87	1
S5	5.0000	5.2388	.239	4.78	-76.544	6.50	1

Sample Name: S0 Acquired: 6/12/2019 12:44:29 Type: Cal
Method: P4-ICP2(v3196) 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	.00075	-.00034	.00833	-.00034	.00146	-.00011	.00019	-.00042
Stddev	.00006	.00015	.00018	.00033	.00015	.00005	.00027	.00005
%RSD	7.8518	43.616	2.1421	96.988	10.289	48.711	145.46	11.505

#1	.00081	-.00030	.00814	-.00017	.00134	-.00011	-.00005	-.00037
#2	.00071	-.00022	.00850	-.00072	.00140	-.00016	.00013	-.00047
#3	.00071	-.00051	.00836	-.00013	.00163	-.00006	.00049	-.00041

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	-.00639	.00020	.00006	-.00160	.01494	.00217	.00025	-.00008
Stddev	.00004	.00007	.00004	.00007	.00024	.00001	.00007	.00002
%RSD	.58154	35.498	66.628	4.2817	1.6303	.53154	28.934	30.085

#1	-.00642	.00019	.00003	-.00152	.01497	.00216	.00032	-.00009
#2	-.00635	.00013	.00005	-.00166	.01517	.00218	.00018	-.00010
#3	-.00641	.00027	.00011	-.00161	.01469	.00216	.00023	-.00005

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	-.00948	.00048	.03927	-.00009	.00450	.00597	-.00043	-.00001
Stddev	.00033	.00014	.00235	.00004	.00014	.00025	.00011	.00003
%RSD	3.4495	29.289	5.9913	42.161	3.0968	4.2215	24.861	222.13

#1	-.00913	.00065	.04180	-.00013	.00447	.00625	-.00050	-.00002
#2	-.00978	.00041	.03889	-.00010	.00465	.00579	-.00048	-.00003
#3	-.00952	.00039	.03714	-.00005	.00438	.00586	-.00031	.00002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00306	.02083	.00157	.00345	.02011	-.0031	.00151	2445.0
Stddev	.00009	.00175	.00011	.00069	.00179	.0000	.00040	24.4
%RSD	2.7991	8.3793	7.0836	20.004	8.8746	.2075	26.226	.99627

#1	.00306	.02248	.00159	.00316	.01860	-.0031	.00112	2425.0
#2	.00314	.02101	.00167	.00295	.02208	-.0031	.00151	2438.0
#3	.00297	.01901	.00145	.00424	.01966	-.0031	.00191	2472.2

Sample Name: S0 Acquired: 6/12/2019 12:44:29 Type: Cal
Method: P4-ICP2(v3196) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-145.00
Stddev	9.62
%RSD	6.6361

#1	-156.07
#2	-138.66
#3	-140.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.0	34674.	3605.6	60.225	2567.0
Stddev	4.5	147.	16.2	.888	3.4
%RSD	.22128	.42479	.45000	1.4741	.13423

#1	2013.2	34546.	3587.2	61.100	2563.1
#2	2018.8	34835.	3611.5	59.325	2569.3
#3	2022.0	34641.	3618.0	60.250	2568.8

Sample Name: S1 Acquired: 6/12/2019 12:48:57 Type: Cal
Method: P4-ICP2(v3196) 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	.00243	.00700	.01350	.00176	.01286	.00083	.06876	.00676
Stddev	.00009	.00018	.00032	.00025	.00018	.00006	.00056	.00004
%RSD	3.9061	2.5818	2.3455	14.383	1.4341	6.6058	.81624	.62980

#1	.00245	.00696	.01354	.00149	.01290	.00089	.06837	.00681
#2	.00233	.00720	.01379	.00199	.01266	.00082	.06852	.00675
#3	.00251	.00685	.01316	.00180	.01303	.00079	.06941	.00673

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	.02304	.00224	.04691	.04177	.02089	.03169	.02268	.00350
Stddev	.00048	.00005	.00019	.00050	.00008	.00008	.00024	.00019
%RSD	2.1034	2.1785	.39806	1.1931	.36019	.26215	1.0434	5.4273

#1	.02254	.00227	.04712	.04197	.02083	.03164	.02243	.00346
#2	.02307	.00219	.04683	.04121	.02086	.03165	.02271	.00333
#3	.02351	.00227	.04678	.04214	.02097	.03179	.02290	.00370

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	.00935	.14140	.20856	.00027	.00373	.20486	.01060	.02052
Stddev	.00008	.00041	.00101	.00004	.00025	.00001	.00022	.00046
%RSD	.87161	.29333	.48437	15.493	6.7376	.00248	2.0811	2.2527

#1	.00942	.14103	.20970	.00032	.00370	.20485	.01037	.01999
#2	.00938	.14131	.20779	.00023	.00400	.20486	.01061	.02074
#3	.00926	.14185	.20819	.00027	.00350	.20486	.01081	.02084

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05561	-.0012	.30406	2427.9	-143.82
Stddev	.00183	.0000	.00213	13.0	1.51
%RSD	3.2956	3.577	.70116	.53643	1.0479

#1	.05458	-.0013	.30267	2417.5	-142.19
#2	.05773	-.0012	.30300	2423.7	-144.10
#3	.05453	-.0013	.30652	2442.5	-145.17

Sample Name: S1 Acquired: 6/12/2019 12:48:57 Type: Cal
 Method: P4-ICP2(v3196) 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	2017.1	34759.	3612.3	60.767	2555.3
Stddev	6.5	40.	9.5	.736	4.5
%RSD	.32316	.11571	.26353	1.2115	.17491
#1	2012.2	34778.	3606.9	59.917	2556.5
#2	2014.6	34786.	3606.7	61.200	2550.3
#3	2024.5	34713.	3623.3	61.183	2559.0

Sample Name: S2 Acquired: 6/12/2019 12:53:23 Type: Cal
Method: P4-ICP2(v3196) 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	.01305	.00231	.10713	.02785
Stddev	.00007	.00004	.00021	.00010
%RSD	.52162	1.8759	.19534	.34219

#1	.01313	.00234	.10731	.02796
#2	.01302	.00226	.10718	.02778
#3	.01301	.00234	.10690	.02781

Int. Std.	Y_3600
Units	Cts/S
Avg	34719.
Stddev	247.
%RSD	.71063

#1	34447.
#2	34927.
#3	34785.

Sample Name: S3 Acquired: 6/12/2019 12:57:38 Type: Cal
Method: P4-ICP2(v3196) 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	.21275	.46684	1.0072	.25129	.54517	.04043	3.2731	.13968
Stddev	.00081	.00154	.0028	.00099	.00009	.00041	.0155	.00015
%RSD	.37856	.33092	.27580	.39450	.01683	1.0223	.47459	.10724

#1	.21327	.46527	1.0063	.25238	.54507	.03999	3.2603	.13965
#2	.21315	.46688	1.0049	.25044	.54524	.04080	3.2904	.13955
#3	.21182	.46836	1.0103	.25104	.54521	.04051	3.2686	.13984

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	6.0662	.07508	.10521	2.0203	.78342	.44421	1.7801	.01375
Stddev	.0142	.00039	.00031	.0034	.00117	.00037	.0006	.00005
%RSD	.23385	.52238	.29702	.17035	.14969	.08420	.03096	.39749

#1	6.0527	.07469	.10525	2.0173	.78458	.44379	1.7803	.01369
#2	6.0650	.07547	.10550	2.0196	.78223	.44433	1.7794	.01379
#3	6.0810	.07507	.10488	2.0241	.78345	.44450	1.7805	.01376

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	.96092	.18852	.49886	.28597	4.2903	.13612	2.4477	.00628
Stddev	.00179	.00035	.00235	.00034	.0080	.00132	.0027	.00008
%RSD	.18631	.18409	.47094	.11766	.18739	.97185	.10856	1.2434

#1	.95917	.18877	.49740	.28559	4.2823	.13541	2.4498	.00628
#2	.96275	.18866	.50157	.28611	4.2904	.13764	2.4447	.00636
#3	.96082	.18812	.49762	.28622	4.2983	.13530	2.4486	.00620

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	.10947	1.1822	.57021	1.0220	4.7501	.2154	34.364	2301.1
Stddev	.00030	.0020	.00174	.0015	.0187	.0004	.065	35.9
%RSD	.27563	.17279	.30518	.14486	.39386	.1926	.18772	1.5583

#1	.10940	1.1844	.56904	1.0234	4.7453	.2150	34.340	2322.8
#2	.10980	1.1818	.57221	1.0220	4.7707	.2158	34.437	2320.8
#3	.10921	1.1803	.56938	1.0205	4.7342	.2154	34.315	2259.7

Sample Name: S3 Acquired: 6/12/2019 12:57:38 Type: Cal
 Method: P4-ICP2(v3196) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-132.35
Stddev	.26
%RSD	.19279

#1	-132.49
#2	-132.06
#3	-132.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.1	34034.	3637.8	58.822	2382.8
Stddev	2.5	51.	17.0	1.781	3.2
%RSD	.12542	.14960	.46736	3.0284	.13431

#1	1972.6	33977.	3619.0	60.060	2386.5
#2	1975.4	34051.	3652.2	59.625	2381.0
#3	1977.5	34074.	3642.2	56.780	2380.9

Sample Name: S4 Acquired: 6/12/2019 13:01:39 Type: Cal
Method: P4-ICP2(v3196) 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	.43031	.94326	2.0316	.50572	1.0944	.08231	6.6010	.28153
Stddev	.00076	.00363	.0062	.00141	.0018	.00029	.0095	.00038
%RSD	.17552	.38441	.30595	.27883	.16633	.35037	.14450	.13670

#1	.42946	.94354	2.0246	.50668	1.0941	.08222	6.6076	.28164
#2	.43054	.94673	2.0365	.50638	1.0964	.08208	6.5901	.28184
#3	.43092	.93950	2.0337	.50410	1.0928	.08264	6.6053	.28110

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	12.495	.15092	.20968	4.1294	1.5327	.87838	3.5407	.02801
Stddev	.031	.00047	.00073	.0112	.0031	.00129	.0033	.00022
%RSD	.24828	.30899	.34590	.27109	.19917	.14712	.09335	.77279

#1	12.470	.15098	.20946	4.1184	1.5291	.87966	3.5414	.02778
#2	12.530	.15043	.20909	4.1408	1.5345	.87708	3.5371	.02805
#3	12.486	.15135	.21049	4.1290	1.5343	.87840	3.5436	.02821

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	1.9568	.37416	.98619	.57153	8.7089	.27019	4.8978	.01279
Stddev	.0045	.00034	.00063	.00086	.0196	.00031	.0085	.00003
%RSD	.22946	.09215	.06361	.15003	.22485	.11360	.17350	.24265

#1	1.9519	.37383	.98548	.57154	8.6868	.26992	4.8892	.01279
#2	1.9608	.37452	.98667	.57067	8.7240	.27052	4.9062	.01277
#3	1.9577	.37414	.98642	.57239	8.7159	.27013	4.8981	.01283

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	.22510	2.3605	1.1676	2.0459	9.5337	.4498	68.725	2220.0
Stddev	.00098	.0112	.0014	.0034	.0181	.0010	.118	15.2
%RSD	.43645	.47501	.12379	.16456	.19003	.2322	.17179	.68412

#1	.22540	2.3496	1.1671	2.0434	9.5246	.4509	68.604	2206.4
#2	.22591	2.3599	1.1693	2.0446	9.5220	.4497	68.730	2217.0
#3	.22401	2.3720	1.1666	2.0497	9.5546	.4488	68.840	2236.4

Sample Name: S4 Acquired: 6/12/2019 13:01:39 Type: Cal
 Method: P4-ICP2(v3196) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-112.67
Stddev	2.87
%RSD	2.5466

#1	-109.63
#2	-113.06
#3	-115.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.6	33340.	3596.5	58.332	2261.1
Stddev	3.7	105.	5.8	2.117	5.3
%RSD	.19246	.31594	.16010	3.6287	.23571

#1	1930.4	33238.	3594.9	55.974	2265.2
#2	1924.4	33333.	3591.7	58.955	2255.1
#3	1931.1	33449.	3602.9	60.068	2263.0

Sample Name: S5 Acquired: 6/12/2019 13:05:39 Type: Cal
Method: P4-ICP2(v3196) 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	.87000	1.9038	4.1662	1.0187	2.2024	.16625	13.246	.56325
Stddev	.00214	.0045	.0090	.0012	.0006	.00062	.040	.00154
%RSD	.24555	.23464	.21533	.11714	.02680	.37566	.30290	.27312
#1	.86786	1.9055	4.1687	1.0176	2.2018	.16678	13.250	.56184
#2	.87213	1.8988	4.1563	1.0187	2.2030	.16640	13.285	.56489
#3	.87002	1.9072	4.1737	1.0200	2.2024	.16556	13.205	.56304
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	25.739	.30049	.41601	8.5278	3.0265	1.7307	6.9567	.05633
Stddev	.049	.00153	.00073	.0157	.0033	.0017	.0099	.00026
%RSD	.19092	.50947	.17428	.18420	.10930	.09649	.14280	.45544
#1	25.723	.30209	.41562	8.5283	3.0227	1.7289	6.9578	.05646
#2	25.700	.30035	.41685	8.5119	3.0285	1.7323	6.9661	.05651
#3	25.794	.29904	.41557	8.5433	3.0283	1.7308	6.9463	.05604
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	4.0289	.74874	1.9754	1.1441	17.974	.54427	9.7828	.02596
Stddev	.0071	.00079	.0062	.0012	.007	.00158	.0104	.00008
%RSD	.17596	.10495	.31133	.10761	.03978	.29041	.10653	.30958
#1	4.0228	.74861	1.9825	1.1453	17.966	.54604	9.7726	.02605
#2	4.0271	.74958	1.9711	1.1443	17.980	.54379	9.7824	.02592
#3	4.0367	.74803	1.9727	1.1428	17.976	.54299	9.7934	.02590
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	.47747	4.7462	2.4010	4.0591	19.216	.9525	134.96	2141.8
Stddev	.00084	.0268	.0017	.0088	.003	.0025	.12	27.4
%RSD	.17689	.56374	.07020	.21784	.01657	.2665	.09154	1.2805
#1	.47698	4.7157	2.4009	4.0490	19.216	.9513	135.10	2146.3
#2	.47698	4.7573	2.3994	4.0649	19.220	.9508	134.86	2112.4
#3	.47845	4.7656	2.4028	4.0636	19.213	.9554	134.94	2166.7

Sample Name: S5 Acquired: 6/12/2019 13:05:39 Type: Cal
Method: P4-ICP2(v3196) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-76.544
Stddev	6.498
%RSD	8.4898

#1	-71.870
#2	-83.965
#3	-73.797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.7	32510.	3544.4	56.026	2103.6
Stddev	.8	94.	7.1	.187	2.3
%RSD	.04463	.29026	.19989	.33295	.11090

#1	1868.6	32427.	3548.2	56.087	2104.4
#2	1867.2	32492.	3536.2	56.174	2105.4
#3	1867.2	32613.	3548.7	55.816	2101.0

Sample Name: ICV01 Acquired: 6/12/2019 13:09:54 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99760	1.0186	.99168	1.0030	.98367	2.5159	.49882	.49284
Stddev	.00354	.0010	.00228	.0055	.00415	.0081	.00247	.00115
%RSD	.35436	.09347	.22962	.55031	.42149	.32367	.49608	.23238
#1	.99365	1.0194	.99064	1.0011	.97888	2.5083	.49893	.49400
#2	1.0005	1.0190	.99012	.99867	.98619	2.5245	.50123	.49280
#3	.99867	1.0176	.99430	1.0092	.98593	2.5149	.49629	.49171
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47810	10.659	.51016	.49272	.51938	5.1695	.51064	5.9238
Stddev	.00067	.057	.00165	.00052	.00097	.0047	.00129	.0297
%RSD	.13997	.53682	.32413	.10476	.18760	.09169	.25297	.50107
#1	.47791	10.684	.50856	.49251	.51825	5.1641	.51107	5.9092
#2	.47754	10.699	.51008	.49234	.51988	5.1727	.51166	5.9580
#3	.47884	10.593	.51186	.49331	.52000	5.1718	.50919	5.9043
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49723	.50292	10.049	.49886	.97013	9.9569	2.5392	2.5012
Stddev	.00030	.00100	.048	.00061	.00174	.0931	.0074	.0289
%RSD	.06117	.19952	.47450	.12132	.17907	.93487	.29078	1.1572
#1	.49726	.50180	10.079	.49943	.97132	9.9255	2.5387	2.4820
#2	.49751	.50326	10.075	.49823	.96814	10.062	2.5321	2.5345
#3	.49691	.50372	9.9942	.49891	.97093	9.8836	2.5469	2.4871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.0777	2.4113	2.4354	2.5531	F 2.1258	F 2.062	F 3.3463	.90271
Stddev	.0026	.0120	.0077	.0100	.0107	.004	.0154	.20383
%RSD	.12693	.49876	.31716	.38978	.50273	.1701	.46127	22.580
#1	2.0777	2.4059	2.4443	2.5513	2.1347	2.059	3.3581	.79589
#2	2.0751	2.4251	2.4312	2.5639	2.1287	2.061	3.3519	1.1378
#3	2.0804	2.4030	2.4306	2.5442	2.1139	2.066	3.3288	.77449

Sample Name: ICV01 Acquired: 6/12/2019 13:09:54 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2951
Stddev .5992
%RSD 26.106

#1 2.8052
#2 1.6353
#3 2.4449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.2	34087.	3619.9	59.008	2407.7
Stddev	2.7	49.	2.0	1.400	1.9
%RSD	.13651	.14432	.05512	2.3718	.08009

#1	1978.5	34096.	3618.2	59.684	2408.5
#2	1980.7	34034.	3622.1	59.941	2409.2
#3	1975.3	34131.	3619.3	57.399	2405.5

Sample Name: LLICV01 Acquired: 6/12/2019 13:14:00 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02101	.04083	.01363	.01856	.05153	.10368	.10396	.00647
Stddev	.00102	.00028	.00080	.00217	.00099	.00521	.00072	.00008
%RSD	4.8541	.68433	5.8803	11.672	1.9208	5.0213	.68855	1.2666
#1	.01990	.04116	.01367	.01630	.05097	.09900	.10442	.00639
#2	.02190	.04066	.01441	.02062	.05096	.10929	.10314	.00655
#3	.02123	.04068	.01281	.01876	.05268	.10275	.10433	.00648
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	1.9834	.01029	.02923	.02183	.10795	.02256	2.0415
Stddev	.00005	.0130	.00011	.00009	.00052	.00080	.00008	.0313
%RSD	.89996	.65733	1.0958	.32479	2.3768	.74206	.37626	1.5339
#1	.00573	1.9688	.01016	.02919	.02152	.10823	.02265	2.0196
#2	.00583	1.9874	.01033	.02916	.02153	.10705	.02255	2.0774
#3	.00579	1.9940	.01038	.02934	.02242	.10857	.02248	2.0276
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04014	.01041	1.8084	.04156	.03894	1.9646	.21376	F .12422
Stddev	.00033	.00009	.0234	.00021	.00010	.0020	.00104	.00540
%RSD	.82243	.84749	1.2943	.49806	.26481	.10144	.48857	4.3499
#1	.03984	.01050	1.8275	.04147	.03885	1.9660	.21489	.13044
#2	.04049	.01033	1.8156	.04142	.03891	1.9654	.21283	.12068
#3	.04009	.01038	1.7823	.04180	.03905	1.9623	.21358	.12155
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00220	.40308	.04017	.04366	.01976	.0216	.02243	F .42166
Stddev	.00238	.00371	.00077	.00062	.00138	.0017	.00004	.26880
%RSD	108.10	.91995	1.9143	1.4130	6.9614	7.656	.18941	63.748
#1	.00314	.40236	.04103	.04394	.01943	.0224	.02239	.57881
#2	.00397	.39978	.03995	.04295	.01858	.0228	.02244	.57488
#3	-.00050	.40709	.03954	.04409	.02127	.0197	.02247	.11129

Sample Name: LLICV01 Acquired: 6/12/2019 13:14:00 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .37323
 Stddev .18565
 %RSD 49.743

#1 .35576
 #2 .19693
 #3 .56700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.9	34509.	3568.6	60.481	2537.9
Stddev	.4	87.	14.4	.561	2.4
%RSD	.01942	.25229	.40266	.92761	.09325

#1	2006.7	34444.	3562.7	60.608	2535.5
#2	2007.3	34476.	3585.0	60.967	2540.3
#3	2006.6	34608.	3558.1	59.867	2537.7

Sample Name: ICB01 Acquired: 6/12/2019 13:18:29 Type: Unk
Method: P4-ICP2(v3196) 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	-.00007	.00103	.00006	.00096	.00090	-.00992	.00001
Stddev	.00073	.00126	.00054	.00045	.00012	.00928	.00028
%RSD	1046.3	121.62	895.17	46.602	13.654	93.532	3077.8

#1	.00000	.00248	.00063	.00134	.00083	-.01924	-.00031
#2	.00062	.00046	-.00002	.00047	.00104	-.00068	.00014
#3	-.00084	.00016	-.00044	.00107	.00083	-.00985	.00021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.00687	-.00042	.00002	-.00042	-.00051
Stddev	.00007	.00002	.00621	.00017	.00009	.00054	.00017
%RSD	689.35	62.167	90.441	42.056	475.87	128.64	34.196

#1	.00009	.00004	.00667	-.00029	.00012	-.00100	-.00031
#2	-.00001	.00005	.00076	-.00034	.00001	.00006	-.00060
#3	-.00005	.00001	.01318	-.00062	-.00007	-.00032	-.00063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.02681	-.00015	-.00014	-.60537	-.00015	-.00007
Stddev	.00006	.03862	.00012	.00012	.00513	.00034	.00011
%RSD	100.68	144.05	81.317	90.548	.84670	218.77	154.74

#1	.00001	-.07108	-.00005	-.00006	-.60730	-.00054	-.00012
#2	-.00010	.00003	-.00012	-.00008	-.59956	.00002	-.00014
#3	-.00008	-.00939	-.00029	-.00028	-.60925	.00006	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08561	.00031	.01972	F -.01742	-.00045	-.00093	.00068
Stddev	.02498	.00021	.00693	.00353	.00190	.00033	.00160
%RSD	29.183	66.312	35.148	20.241	422.86	35.924	235.16

#1	-.05908	.00012	.01573	-.02093	-.00206	-.00074	-.00069
#2	-.10869	.00053	.02773	-.01743	-.00093	-.00131	.00029
#3	-.08906	.00028	.01571	-.01388	.00164	-.00073	.00244

Sample Name: ICB01 Acquired: 6/12/2019 13:18:29 Type: Unk
Method: P4-ICP2(v3196) 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	-.00297	.0024	.00000	F .20587	F<.00000
Stddev	.00030	.0019	.00004	.29201	.23359
%RSD	10.148	79.38	2491.7	141.84	899.91
#1	-.00276	.0003	-.00004	-.13130	.19867
#2	-.00332	.0028	-.00000	.37260	-.00896
#3	-.00284	.0040	.00005	.37632	-.26758
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.5	34632.	3591.3	59.928	2556.9
Stddev	4.3	36.	10.0	.617	3.7
%RSD	.21411	.10491	.27819	1.0304	.14630
#1	2017.7	34591.	3584.5	60.075	2559.6
#2	2009.1	34647.	3602.8	59.250	2552.6
#3	2013.7	34659.	3586.7	60.458	2558.3

Sample Name: CRI01 Acquired: 6/12/2019 13:22:57 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01991	.04087	.01315	.01965	.05198	.10356	.10501
Stddev	.00159	.00052	.00034	.00234	.00136	.01503	.00030
%RSD	7.9714	1.2675	2.6011	11.928	2.6208	14.517	.28277

#1	.02166	.04063	.01278	.02186	.05089	.09778	.10528
#2	.01950	.04052	.01322	.01990	.05350	.12063	.10506
#3	.01856	.04146	.01345	.01719	.05153	.09228	.10470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	.00596	1.9992	.01066	.02932	.02236	.10817
Stddev	.00011	.00003	.0029	.00057	.00014	.00010	.00140
%RSD	1.6510	.53132	.14334	5.3745	.48541	.46537	1.2966

#1	.00639	.00597	2.0025	.01132	.02918	.02234	.10968
#2	.00657	.00599	1.9976	.01031	.02931	.02226	.10794
#3	.00637	.00592	1.9975	.01036	.02946	.02247	.10690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02255	2.0463	.04023	.01056	1.7691	.04137	.03882
Stddev	.00016	.0482	.00033	.00026	.0118	.00040	.00038
%RSD	.70751	2.3560	.82051	2.4849	.66390	.97111	.98259

#1	.02270	2.0375	.04014	.01035	1.7644	.04097	.03925
#2	.02258	2.0983	.04059	.01086	1.7825	.04178	.03852
#3	.02238	2.0031	.03995	.01048	1.7605	.04137	.03870

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9639	.21291	.11831	F -.00170	.39195	.03741	.04342
Stddev	.0180	.00021	.01967	.00228	.00222	.00064	.00086
%RSD	.91730	.09674	16.629	134.23	.56576	1.7156	1.9869

#1	1.9751	.21310	.12618	.00089	.39329	.03815	.04441
#2	1.9734	.21269	.13282	-.00259	.39318	.03708	.04303
#3	1.9431	.21293	.09592	-.00339	.38939	.03700	.04282

Sample Name: CRI01 Acquired: 6/12/2019 13:22:57 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01701	.0215	.02211	F<.00000	F<.00000
Stddev	.00017	.0029	.00003	.23580	.02836
%RSD	.97311	13.32	.13293	2487.9	7.4892
#1	.01717	.0248	.02213	-.25119	-.34715
#2	.01684	.0197	.02212	.00284	-.38680
#3	.01702	.0200	.02208	.21992	-.40209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.8	34430.	3604.5	59.619	2537.9
Stddev	6.6	105.	3.3	1.764	10.7
%RSD	.32810	.30518	.09122	2.9590	.42071
#1	2000.2	34323.	3601.0	57.583	2526.3
#2	2004.1	34433.	3605.3	60.692	2539.9
#3	2013.1	34533.	3607.4	60.583	2547.4

Sample Name: ICSA01 Acquired: 6/12/2019 13:27:25 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01396	-.00453	.00111	-.01466	.01156	286.13	.00687	.00544
Stddev	.00138	.00063	.00148	.00172	.00112	1.64	.00062	.00029
%RSD	9.8890	13.864	134.16	11.767	9.7145	.57283	8.9754	5.3098
#1	.01389	-.00443	.00036	-.01620	.01029	285.89	.00698	.00572
#2	.01262	-.00395	.00014	-.01497	.01243	287.87	.00743	.00547
#3	.01538	-.00519	.00281	-.01280	.01195	284.62	.00621	.00514
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	271.49	.04878	-.00061	.00814	96.451	.01058	282.12
Stddev	.00009	1.02	.00068	.00036	.00126	.606	.00012	.91
%RSD	3.3541	.37535	1.4033	59.769	15.474	.62822	1.1386	.32133
#1	-.00278	271.05	.04820	-.00103	.00859	96.819	.01050	281.93
#2	-.00260	272.65	.04861	-.00038	.00672	96.783	.01054	283.10
#3	-.00265	270.75	.04954	-.00042	.00912	95.752	.01072	281.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01744	-.00607	-.40616	.00181	-.01084	-.03659	-.00405	.01738
Stddev	.00080	.00053	.00414	.00046	.00033	.01741	.00051	.02574
%RSD	4.5755	8.7632	1.0203	25.606	3.0219	47.583	12.690	148.06
#1	-.01692	-.00598	-.40232	.00165	-.01112	-.01822	-.00361	.02890
#2	-.01703	-.00558	-.41055	.00145	-.01091	-.03870	-.00461	-.01210
#3	-.01836	-.00663	-.40562	.00234	-.01048	-.05285	-.00393	.03536
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03065	-.00380	.00611	-.00388	.00228	F .0425	.00213	3.8135
Stddev	.00536	.00174	.00109	.00197	.00102	.0032	.00066	.0614
%RSD	17.482	45.864	17.790	50.767	44.844	7.564	30.846	1.6089
#1	.03425	-.00287	.00494	-.00235	.00298	.0460	.00151	3.7533
#2	.03320	-.00272	.00630	-.00610	.00277	.0418	.00206	3.8112
#3	.02449	-.00581	.00709	-.00318	.00111	.0397	.00281	3.8759

Sample Name: ICSA01 Acquired: 6/12/2019 13:27:25 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	58.069
Stddev	.292
%RSD	.50320

#1	58.330
#2	57.753
#3	58.124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.1	30811.	3487.7	53.726	2016.9
Stddev	3.1	110.	20.5	.671	5.2
%RSD	.17353	.35630	.58710	1.2491	.25553

#1	1809.8	30704.	3469.3	54.364	2022.8
#2	1803.7	30806.	3509.8	53.027	2014.7
#3	1807.7	30924.	3484.1	53.788	2013.2

Sample Name: ICSAB01 Acquired: 6/12/2019 13:32:03 Type: Unk
Method: P4-ICP2(v3196) 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	.12009	.09425	.05898	.04362	.64292	279.82	.56468	.56095
Stddev	.00159	.00260	.00127	.00225	.00055	.99	.00213	.00027
%RSD	1.3270	2.7614	2.1606	5.1606	.08581	.35269	.37678	.04779
#1	.11943	.09130	.06034	.04379	.64232	280.17	.56713	.56065
#2	.11893	.09621	.05880	.04578	.64341	280.58	.56357	.56117
#3	.12191	.09525	.05781	.04129	.64304	278.70	.56333	.56104
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0218	265.48	.57602	.51533	.50929	93.871	.53070	274.79
Stddev	.0019	.38	.00232	.00157	.00102	.391	.00090	.54
%RSD	.19111	.14311	.40225	.30370	.19960	.41703	.16974	.19610
#1	1.0198	265.66	.57564	.51707	.50938	94.320	.53145	275.23
#2	1.0220	265.74	.57851	.51404	.51027	93.694	.53096	274.94
#3	1.0237	265.04	.57392	.51488	.50824	93.601	.52970	274.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0075	.21186	-.45945	.52693	1.1012	-.02191	1.0603	1.1545
Stddev	.0035	.00051	.00099	.00129	.0021	.03187	.0025	.0258
%RSD	.34773	.24112	.21638	.24543	.19314	145.43	.23583	2.2360
#1	1.0090	.21239	-.45833	.52673	1.0989	-.05188	1.0629	1.1451
#2	1.0035	.21138	-.45981	.52832	1.1018	.01156	1.0600	1.1837
#3	1.0100	.21180	-.46022	.52576	1.1030	-.02541	1.0579	1.1346
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1507	.93397	1.0840	1.0661	1.0762	1.123	F .16148	3.5210
Stddev	.0052	.01191	.0008	.0046	.0018	.003	.00202	.2184
%RSD	.45067	1.2747	.07708	.43363	.16752	.2443	1.2489	6.2021
#1	1.1567	.93740	1.0850	1.0621	1.0741	1.125	.16142	3.7729
#2	1.1476	.92073	1.0835	1.0651	1.0771	1.120	.15949	3.4059
#3	1.1479	.94379	1.0835	1.0712	1.0774	1.124	.16353	3.3843

Sample Name: ICSAB01 Acquired: 6/12/2019 13:32:03 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	57.706
Stddev	1.331
%RSD	2.3071

#1	58.735
#2	58.181
#3	56.202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.9	31277.	3553.6	54.336	2019.6
Stddev	7.2	73.	25.5	2.191	3.9
%RSD	.39632	.23259	.71674	4.0318	.19109

#1	1827.3	31227.	3555.5	53.516	2024.0
#2	1813.1	31244.	3578.1	52.675	2016.7
#3	1822.3	31360.	3527.3	56.819	2018.0

Sample Name: CCV01 Acquired: 6/12/2019 13:36:30 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9502	4.9705	4.9410	4.9756	4.9748	9.9167	9.9886	.25148
Stddev	.0154	.0192	.0120	.0071	.0143	.0479	.0411	.00065
%RSD	.31018	.38561	.24330	.14224	.28715	.48308	.41109	.25760
#1	4.9360	4.9485	4.9273	4.9680	4.9602	9.8816	9.9525	.25074
#2	4.9665	4.9832	4.9501	4.9769	4.9887	9.8971	10.033	.25171
#3	4.9480	4.9799	4.9455	4.9820	4.9755	9.9713	9.9800	.25198
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4598	24.930	1.0058	2.4638	1.2561	5.0539	2.5278	24.897
Stddev	.0033	.102	.0003	.0053	.0025	.0048	.0039	.135
%RSD	.13482	.40936	.03271	.21657	.19604	.09492	.15238	.54410
#1	2.4561	24.821	1.0056	2.4576	1.2537	5.0490	2.5256	24.745
#2	2.4607	24.946	1.0055	2.4662	1.2586	5.0586	2.5322	24.942
#3	2.4626	25.023	1.0061	2.4674	1.2560	5.0540	2.5255	25.005
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4671	1.2532	24.883	2.5061	2.4650	24.820	5.0031	4.9683
Stddev	.0045	.0008	.053	.0018	.0035	.030	.0161	.0338
%RSD	.18288	.06182	.21323	.07232	.14270	.12123	.32190	.68040
#1	2.4641	1.2523	24.827	2.5063	2.4610	24.795	4.9989	4.9343
#2	2.4650	1.2538	24.933	2.5077	2.4669	24.812	5.0208	4.9686
#3	2.4723	1.2536	24.889	2.5041	2.4672	24.853	4.9894	5.0020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8784	4.9621	4.9246	5.0245	5.0003	4.910	5.0758	F 3.1699
Stddev	.0232	.0118	.0135	.0202	.0220	.006	.0149	.2275
%RSD	.47554	.23704	.27441	.40197	.44038	.1153	.29425	7.1766
#1	4.8526	4.9486	4.9234	5.0054	4.9939	4.904	5.0738	3.0913
#2	4.8974	4.9691	4.9117	5.0457	5.0248	4.916	5.0916	3.4262
#3	4.8852	4.9688	4.9387	5.0224	4.9821	4.911	5.0619	2.9921

Sample Name: CCV01 Acquired: 6/12/2019 13:36:30 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5898
Stddev .3879
%RSD 14.978

#1 2.8636
#2 2.1459
#3 2.7599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.0	33192.	3562.1	57.196	2255.5
Stddev	3.8	4.	10.1	.974	4.6
%RSD	.19808	.01099	.28399	1.7026	.20248

#1	1927.9	33188.	3553.7	57.744	2260.8
#2	1921.6	33193.	3559.3	57.772	2252.6
#3	1928.4	33195.	3573.4	56.071	2253.1

Sample Name: LLCCV01 Acquired: 6/12/2019 13:40:29 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02064	.04222	.01367	.02020	.05174	.11362	.10505
Stddev	.00094	.00224	.00087	.00338	.00032	.00610	.00057
%RSD	4.5408	5.2968	6.3458	16.738	.61156	5.3716	.54643

#1	.01971	.04417	.01458	.01987	.05179	.11536	.10512
#2	.02159	.04271	.01286	.01699	.05140	.10684	.10444
#3	.02061	.03978	.01358	.02373	.05203	.11866	.10558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00583	2.0036	.01030	.02893	.02172	.10774
Stddev	.00006	.00012	.0232	.00052	.00023	.00033	.00065
%RSD	.92519	1.9725	1.1596	5.0667	.80065	1.4987	.60425

#1	.00648	.00589	2.0172	.01090	.02866	.02136	.10822
#2	.00660	.00590	1.9768	.01000	.02906	.02183	.10800
#3	.00652	.00570	2.0169	.00999	.02906	.02198	.10700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02261	2.0485	.03974	.01028	1.6865	.04126	.03865
Stddev	.00011	.0247	.00025	.00043	.0222	.00022	.00014
%RSD	.50845	1.2072	.61780	4.2254	1.3148	.52661	.37408

#1	.02251	2.0202	.03995	.01078	1.7054	.04119	.03870
#2	.02274	2.0591	.03979	.01004	1.6621	.04109	.03849
#3	.02258	2.0661	.03947	.01002	1.6922	.04151	.03877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9733	.21333	F .12116	F .00020	.39355	.03725	.04302
Stddev	.0248	.00052	.02019	.00279	.00530	.00109	.00035
%RSD	1.2589	.24370	16.662	1394.3	1.3459	2.9273	.81969

#1	1.9583	.21359	.14448	-.00213	.39042	.03657	.04342
#2	1.9597	.21366	.10958	.00329	.39967	.03851	.04284
#3	2.0020	.21273	.10944	-.00056	.39056	.03668	.04278

Sample Name: LLCCV01 Acquired: 6/12/2019 13:40:29 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01712	.0205	.02234	F .87873	F<.00000
Stddev	.00163	.0006	.00021	.31099	1.0556
%RSD	9.5498	2.719	.92172	35.391	184.63

#1	.01535	.0199	.02221	.99653	.53727
#2	.01743	.0210	.02257	1.1136	-1.5642
#3	.01858	.0206	.02223	.52604	-.68819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.3	34665.	3628.1	60.931	2550.5
Stddev	6.9	26.	31.0	.659	8.5
%RSD	.34371	.07526	.85476	1.0823	.33269

#1	2005.1	34679.	3633.1	60.250	2545.7
#2	2005.6	34681.	3594.9	60.975	2545.6
#3	2017.3	34635.	3656.3	61.567	2560.3

Sample Name: CCB01 Acquired: 6/12/2019 13:44:58 Type: Unk
Method: P4-ICP2(v3196) 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	-.00057	-.00160	-.00088	.00150	-.00042	.00311	.00008
Stddev	.00160	.00030	.00059	.00188	.00050	.02227	.00035
%RSD	278.93	18.600	67.518	125.46	120.50	715.19	464.98

#1	-.00238	-.00130	-.00035	.00051	-.00043	-.02259	-.00033
#2	.00062	-.00189	-.00152	.00032	-.00091	.01672	.00021
#3	.00005	-.00160	-.00076	.00366	.00009	.01520	.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	.00281	.00001	.00020	-.00051	-.00097
Stddev	.00003	.00008	.01097	.00027	.00013	.00001	.00063
%RSD	102.01	194.81	390.77	2293.1	64.771	2.3517	64.867

#1	.00005	.00012	.00186	-.00009	.00028	-.00052	-.00031
#2	-.00001	.00005	-.00766	.00032	.00005	-.00050	-.00157
#3	.00006	-.00004	.01422	-.00019	.00026	-.00052	-.00103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00159	.00003	-.00031	-.74811	-.00029	-.00012
Stddev	.00002	.01953	.00014	.00010	.00703	.00010	.00009
%RSD	35.803	1226.3	445.58	34.017	.93969	33.227	69.359

#1	-.00005	-.02119	.00007	-.00036	-.75437	-.00018	-.00016
#2	-.00005	-.00147	-.00012	-.00037	-.74945	-.00032	-.00003
#3	-.00009	.01788	.00014	-.00019	-.74050	-.00036	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11763	.00019	.01225	F -.02350	-.00007	-.00197	-.00023
Stddev	.01010	.00020	.00955	.00183	.00108	.00091	.00079
%RSD	8.5896	101.95	77.956	7.7797	1530.3	46.027	340.57

#1	-.12457	.00028	.00297	-.02445	.00055	-.00121	.00057
#2	-.12229	.00033	.02204	-.02466	.00055	-.00172	-.00025
#3	-.10604	-.00003	.01174	-.02139	-.00132	-.00297	-.00101

Sample Name: CCB01 Acquired: 6/12/2019 13:44:58 Type: Unk
Method: P4-ICP2(v3196) 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	-.00461	.0033	-.00010	F .84799	F .14256
Stddev	.00110	.0012	.00008	.33805	.20115
%RSD	23.885	35.53	80.241	39.865	141.10
#1	-.00410	.0027	-.00001	.75205	.35048
#2	-.00587	.0046	-.00012	.56828	-.05106
#3	-.00385	.0025	-.00016	1.2236	.12825
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.7	35022.	3601.3	60.297	2566.8
Stddev	3.0	161.	19.3	1.061	3.4
%RSD	.14853	.46101	.53627	1.7589	.13240
#1	2014.5	34905.	3582.1	60.975	2567.1
#2	2020.4	35206.	3601.0	59.075	2563.2
#3	2018.2	34954.	3620.7	60.842	2570.0

Sample Name: LR CHECK 1 Acquired: 6/12/2019 13:55:19 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.17245	.14462	-.48017	.04787	2021.3	.01093	.09978
Stddev	.00475	.01031	.00434	.01637	.00561	3.6	.00043	.00023
%RSD	262.88	5.9808	2.9981	3.4098	11.724	.17637	3.9161	.23127
#1	-.00256	-.16639	.14960	-.46129	.05133	2018.2	.01142	.09988
#2	-.00613	-.16660	.14171	-.49055	.05090	2020.7	.01063	.09995
#3	.00327	-.18436	.14254	-.48865	.04140	2025.2	.01073	.09952
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19068	1751.3	.28890	.10960	.78431	847.16	.04341	1802.5
Stddev	.00084	5.4	.00032	.00158	.00680	4.05	.00047	1.9
%RSD	.44191	.31117	.11210	1.4397	.86646	.47833	1.0899	.10779
#1	.19148	1756.8	.28885	.11142	.78147	845.19	.04389	1801.8
#2	.18980	1746.0	.28925	.10866	.77940	844.48	.04294	1804.7
#3	.19077	1751.0	.28861	.10872	.79207	851.82	.04339	1801.0
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30696	-.19221	1728.1	.02070	.35706	952.31	-.00263	-1.7351
Stddev	.00265	.00080	9.9	.00060	.00130	4.99	.00043	.0339
%RSD	.86302	.41762	.57227	2.8926	.36431	.52414	16.390	1.9528
#1	.30465	-.19215	1738.7	.02046	.35852	954.01	-.00217	-1.7684
#2	.30985	-.19144	1726.4	.02138	.35663	956.22	-.00302	-1.7007
#3	.30638	-.19304	1719.2	.02025	.35602	946.69	-.00269	-1.7363
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60478	.01639	.08874	-.06240	.03066	.3632	-.91922	<.00000
Stddev	.03247	.00071	.00302	.00050	.00071	.0074	.00457	.26610
%RSD	5.3693	4.3094	3.3984	.79871	2.3176	2.050	.49736	1.1066
#1	.57550	.01714	.09218	-.06241	.03143	.3663	-.91709	-23.817
#2	.63971	.01626	.08752	-.06290	.03003	.3547	-.91610	-23.985
#3	.59914	.01575	.08653	-.06190	.03053	.3686	-.92447	-24.338

Sample Name: LR CHECK 1 Acquired: 6/12/2019 13:55:19 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1133.6
Stddev	6.1
%RSD	.53986

#1	1139.8
#2	1133.5
#3	1127.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.5	24999.	3323.9	41.273	1077.8
Stddev	7.0	22.	6.8	.291	3.9
%RSD	.48703	.08853	.20541	.70547	.36270

#1	1448.6	24975.	3318.0	41.384	1076.2
#2	1454.0	25018.	3322.3	41.492	1082.3
#3	1440.0	25005.	3331.4	40.942	1074.9

Sample Name: LR CHECK 2 Acquired: 6/12/2019 14:00:23 Type: Unk
Method: P4-ICP2(v3196) 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	.03769	-.02250	250.82	.04140	-.03721	-.15022	100.06	-.00286
Stddev	.00363	.00083	.88	.00239	.00196	.01809	.63	.00003
%RSD	9.6365	3.6746	.35141	5.7731	5.2612	12.042	.63202	1.2196

#1	.03578	-.02179	250.59	.04301	-.03787	-.13055	99.344	-.00290
#2	.03542	-.02231	251.79	.03865	-.03875	-.15395	100.52	-.00285
#3	.04188	-.02341	250.07	.04253	-.03501	-.16615	100.33	-.00283

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01383	.24324	-.11617	.00049	244.95	-.59358	43.050	-.07221
Stddev	.00023	.01735	.00049	.00010	1.33	.00599	.247	.00750
%RSD	1.6858	7.1312	.42143	20.284	.54478	1.0099	.57357	10.383

#1	-.01380	.25192	-.11595	.00061	245.33	-.58666	42.925	-.07288
#2	-.01407	.25453	-.11673	.00045	246.06	-.59675	43.334	-.07935
#3	-.01361	.22327	-.11582	.00042	243.47	-.59732	42.890	-.06440

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.767	.01067	.49544	-.28216	31.690	.46892	.00032	.00060
Stddev	.217	.00077	.13807	.00184	.192	.19567	.00088	.00972
%RSD	.42732	7.1913	27.869	.65222	.60449	41.729	276.12	1623.5

#1	50.711	.01155	.63522	-.28064	31.658	.68476	-.00055	.00536
#2	51.007	.01029	.49197	-.28421	31.896	.41886	.00029	-.01058
#3	50.584	.01016	.35914	-.28164	31.517	.30314	.00121	.00702

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09716	.02308	.00112	.02970	-.00356	.3347	.00734	4.9440
Stddev	.00642	.00317	.00043	.00105	.00020	.0087	.00005	.2127
%RSD	6.6068	13.717	38.237	3.5320	5.6878	2.602	.65168	4.3029

#1	.08987	.02636	.00133	.02954	-.00379	.3399	.00729	5.1869
#2	.10197	.02285	.00063	.03082	-.00340	.3247	.00738	4.8540
#3	.09963	.02004	.00141	.02874	-.00350	.3396	.00734	4.7910

Sample Name: LR CHECK 2 Acquired: 6/12/2019 14:00:23 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .25868
Stddev .38807
%RSD 150.02

#1 -.07269
#2 .68561
#3 .16314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.6	34936.	3614.8	58.442	2351.5
Stddev	10.1	137.	6.7	1.108	12.3
%RSD	.79135	.39198	.18624	1.8953	.52148

#1	1268.7	35080.	3610.5	58.592	2352.8
#2	1266.9	34807.	3611.3	57.267	2338.6
#3	1285.2	34921.	3622.5	59.467	2363.0

Sample Name: PB120544BS Acquired: 6/12/2019 14:05:11 Type: Unk
Method: P4-ICP2(v3196) 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	.76334	1.9973	1.0042	1.9662	.79728	1.9554	.20112
Stddev	.00489	.0031	.0091	.0101	.00293	.0191	.00157
%RSD	.64079	.15382	.90246	.51381	.36792	.97869	.78033

#1	.75835	1.9970	1.0137	1.9549	.79603	1.9773	.20279
#2	.76354	1.9944	1.0032	1.9742	.79519	1.9422	.20089
#3	.76813	2.0005	.99569	1.9696	.80063	1.9466	.19968

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19863	.18952	1.0743	.42176	.19628	.32420	3.1767
Stddev	.00160	.00012	.0080	.00237	.00022	.00085	.0135
%RSD	.80698	.06331	.74942	.56119	.11116	.26123	.42520

#1	.20004	.18965	1.0833	.42424	.19639	.32334	3.1868
#2	.19689	.18943	1.0718	.41953	.19642	.32423	3.1613
#3	.19898	.18948	1.0678	.42152	.19603	.32503	3.1819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21220	1.9555	.49180	.07250	3.1083	.30890	.20303
Stddev	.00091	.0156	.00144	.00092	.0518	.00168	.00225
%RSD	.42794	.79698	.29224	1.2646	1.6654	.54383	1.1081

#1	.21257	1.9473	.49014	.07235	3.1616	.31037	.20528
#2	.21116	1.9458	.49262	.07167	3.1049	.30707	.20302
#3	.21286	1.9735	.49264	.07348	3.0583	.30928	.20078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.099	.41299	.29603	F -.00045	.92778	.67928	.20878
Stddev	.067	.00112	.00248	.00551	.00931	.00089	.00300
%RSD	.66812	.27057	.83683	1237.2	1.0029	.13067	1.4365

#1	10.176	.41194	.29369	.00471	.91892	.68003	.20620
#2	10.055	.41288	.29578	-.00625	.92696	.67830	.21207
#3	10.065	.41417	.29862	.00020	.93747	.67952	.20807

Sample Name: PB120544BS Acquired: 6/12/2019 14:05:11 Type: Unk
 Method: P4-ICP2(v3196) 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	.21432	F 5.457	F .21254	1.0941	5.0003
Stddev	.00052	.011	.00060	.0930	.2646
%RSD	.24166	.1977	.28013	8.5010	5.2915
#1	.21395	5.457	.21185	1.1999	4.7230
#2	.21410	5.468	.21284	1.0253	5.2500
#3	.21491	5.446	.21291	1.0571	5.0279
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.3	34619.	3524.5	60.206	2520.3
Stddev	4.0	296.	27.0	.173	8.4
%RSD	.20149	.85502	.76546	.28780	.33158
#1	2001.7	34335.	3525.1	60.275	2511.6
#2	2009.3	34926.	3551.1	60.008	2520.9
#3	2008.0	34597.	3497.2	60.333	2528.3

Sample Name: PB120543BS Acquired: 6/12/2019 14:09:19 Type: Unk
Method: P4-ICP2(v3196) 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	.73909	1.9009	.94205	1.8686	.77087	1.9492	.20114
Stddev	.00292	.0023	.00426	.0061	.00389	.0169	.00069
%RSD	.39529	.12246	.45173	.32678	.50407	.86909	.34078

#1	.74021	1.9035	.94688	1.8620	.77469	1.9479	.20173
#2	.74129	1.8997	.93884	1.8741	.77098	1.9329	.20039
#3	.73577	1.8994	.94042	1.8697	.76692	1.9667	.20131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18767	.18291	1.0513	.42026	.19443	.31186	3.1150
Stddev	.00031	.00035	.0015	.00025	.00049	.00062	.0048
%RSD	.16765	.19248	.14421	.05928	.25369	.19945	.15407

#1	.18770	.18330	1.0529	.42048	.19489	.31170	3.1153
#2	.18797	.18261	1.0511	.42032	.19391	.31255	3.1101
#3	.18735	.18283	1.0499	.41999	.19448	.31134	3.1197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20857	1.9646	.48372	.06953	2.7616	.31210	.18708
Stddev	.00034	.0240	.00028	.00036	.0178	.00162	.00078
%RSD	.16387	1.2236	.05796	.52123	.64345	.51890	.41614

#1	.20818	1.9773	.48375	.06965	2.7565	.31133	.18747
#2	.20881	1.9369	.48343	.06982	2.7470	.31101	.18618
#3	.20872	1.9796	.48399	.06912	2.7814	.31396	.18758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9534	.41210	.30535	F -.01864	.89071	.65016	.20468
Stddev	.0311	.00098	.02040	.00296	.00922	.00239	.00139
%RSD	.31199	.23807	6.6818	15.877	1.0353	.36779	.67901

#1	9.9279	.41111	.29904	-.02044	.88904	.65289	.20547
#2	9.9441	.41307	.28884	-.02026	.90065	.64841	.20308
#3	9.9880	.41213	.32816	-.01522	.88243	.64918	.20550

Sample Name: PB120543BS Acquired: 6/12/2019 14:09:19 Type: Unk
Method: P4-ICP2(v3196) 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	.20853	F 5.202	F .21164	1.0465	5.1940
Stddev	.00362	.016	.00155	.1341	.5380
%RSD	1.7337	.2980	.73401	12.813	10.358
#1	.21039	5.218	.21151	1.0464	5.4333
#2	.21084	5.187	.21326	.91240	5.5708
#3	.20436	5.202	.21016	1.1806	4.5779
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.6	35167.	3641.6	60.753	2537.1
Stddev	8.2	81.	30.9	2.002	16.4
%RSD	.41076	.23013	.84881	3.2948	.64776
#1	1998.6	35091.	3646.5	61.658	2522.5
#2	2015.1	35252.	3608.6	58.458	2554.9
#3	2006.1	35157.	3669.8	62.142	2534.0

Sample Name: K3252-01DLX10 Acquired: 6/12/2019 14:15:57 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK46-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03104	-.11121	.04363	.05808	.14137	13.901	.02968	.00909
Stddev	.00190	.00295	.00179	.00092	.00316	.115	.00035	.00022
%RSD	6.1315	2.6549	4.1090	1.5863	2.2337	.82382	1.1733	2.4462
#1	.03021	-.10787	.04544	.05702	.13820	13.777	.02929	.00910
#2	.02970	-.11230	.04185	.05851	.14140	13.921	.02996	.00930
#3	.03322	-.11346	.04359	.05871	.14451	14.004	.02979	.00886
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01477	49.039	F 11.095	F 7.8811	.46327	150.37	1.2215	32.620
Stddev	.00016	.211	.016	.0212	.00089	.52	.0009	.362
%RSD	1.0872	.43081	.14511	.26871	.19314	.34564	.07397	1.1088
#1	-.01495	48.829	11.112	7.8811	.46273	150.68	1.2225	32.246
#2	-.01467	49.036	11.093	7.8598	.46277	149.77	1.2208	32.647
#3	-.01468	49.252	11.080	7.9022	.46430	150.66	1.2211	32.968
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.884	-.00978	65.503	.02844	2.0322	36.489	2.0900	.29965
Stddev	.133	.00036	.022	.00092	.0057	.043	.0058	.00921
%RSD	.30402	3.6889	.03362	3.2349	.27888	.11839	.27816	3.0743
#1	43.868	-.00939	65.478	.02739	2.0285	36.441	2.0915	.30679
#2	43.759	-.01011	65.514	.02913	2.0293	36.503	2.0836	.28925
#3	44.024	-.00985	65.518	.02879	2.0387	36.524	2.0950	.30290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2333.4	3.8972	-.84481	8.3018	.00194	F 21.71	.05483	3.3626
Stddev	16.8	.0365	.00702	.0085	.00135	.07	.00187	.0335
%RSD	.72135	.93707	.83096	.10251	69.540	.3412	3.4197	.99573
#1	2328.3	3.8554	-.84239	8.2995	.00211	21.66	.05266	3.3567
#2	2319.6	3.9230	-.83933	8.2946	.00052	21.68	.05603	3.3325
#3	2352.1	3.9132	-.85273	8.3112	.00321	21.80	.05578	3.3987

Sample Name: K3252-01DLX10 Acquired: 6/12/2019 14:15:57 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TK46-CONTAIN Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 94.097
Stddev	.939
%RSD	.99786

#1	93.033
#2	94.450
#3	94.809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.9	32034.	3569.9	57.688	2199.2
Stddev	2.7	111.	22.1	.874	4.5
%RSD	.14541	.34532	.61901	1.5148	.20316

#1	1856.6	31908.	3547.1	56.680	2200.6
#2	1861.0	32084.	3571.2	58.214	2202.9
#3	1856.0	32112.	3591.3	58.172	2194.2

Sample Name: K3252-02DLX10 Acquired: 6/12/2019 14:20:21 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK11-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03307	-.26823	-.33358	.35869	-.01369	123.61	.03652	.01048
Stddev	.00238	.00384	.00218	.00264	.00129	.34	.00047	.00016
%RSD	7.2079	1.4312	.65404	.73656	9.4409	.27667	1.2759	1.4894
#1	.03033	-.26928	-.33106	.35744	-.01411	123.23	.03662	.01058
#2	.03421	-.27143	-.33497	.35691	-.01224	123.90	.03693	.01030
#3	.03467	-.26397	-.33470	.36173	-.01472	123.69	.03601	.01055
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01610	219.85	F 5.3594	F 5.0586	.25041	65.248	3.0058	90.014
Stddev	.00025	.41	.0105	.0101	.00062	.272	.0069	.043
%RSD	1.5452	.18475	.19544	.19859	.24841	.41640	.22862	.04825
#1	-.01638	219.41	5.3473	5.0521	.24994	65.021	2.9985	89.988
#2	-.01602	219.94	5.3657	5.0702	.25019	65.173	3.0121	89.989
#3	-.01590	220.20	5.3652	5.0535	.25112	65.549	3.0067	90.064
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.292	-.00662	F 2704.6	.02865	4.8484	64.527	1.4907	2.9794
Stddev	.030	.00054	20.9	.00054	.0077	.193	.0017	.0205
%RSD	.08836	8.0871	.77308	1.8913	.15811	.29984	.11453	.68813
#1	34.293	-.00666	2727.6	.02922	4.8437	64.304	1.4890	3.0020
#2	34.321	-.00607	2686.7	.02859	4.8572	64.647	1.4908	2.9740
#3	34.261	-.00714	2699.5	.02814	4.8442	64.631	1.4924	2.9621
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 450.24	8.2918	-.15944	.51148	.13698	F 23.07	3.4441	4.0320
Stddev	.79	.0338	.00048	.00169	.00350	.07	.0182	.1472
%RSD	.17616	.40789	.29847	.32958	2.5527	.3061	.52868	3.6503
#1	449.36	8.2626	-.15889	.51220	.13344	23.00	3.4408	3.9865
#2	450.90	8.3289	-.15970	.50956	.13706	23.14	3.4637	4.1965
#3	450.46	8.2840	-.15973	.51270	.14044	23.08	3.4277	3.9129

Sample Name: K3252-02DLX10 Acquired: 6/12/2019 14:20:21 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TK11-CONTAIN Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	37.766
Stddev	.508
%RSD	1.3442

#1	37.964
#2	37.189
#3	38.144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.7	34120.	4206.9	52.848	1635.1
Stddev	2.8	31.	21.2	.748	3.8
%RSD	.11991	.09176	.50355	1.4146	.22994

#1	2315.9	34084.	4197.6	53.093	1632.9
#2	2318.5	34139.	4192.1	53.442	1632.9
#3	2321.5	34137.	4231.2	52.008	1639.4

Sample Name: K3252-03DLX10 Acquired: 6/12/2019 14:24:54 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK13-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02488	-.13332	.22168	.05812	.03905	61.504	.76961	.02633
Stddev	.00146	.00070	.00210	.00168	.00351	.462	.00851	.00006
%RSD	5.8505	.52254	.94676	2.8969	8.9989	.75117	1.1060	.23342
#1	.02403	-.13395	.22410	.05981	.04287	61.030	.76127	.02626
#2	.02405	-.13257	.22038	.05644	.03834	61.953	.77828	.02638
#3	.02656	-.13343	.22055	.05809	.03595	61.529	.76927	.02636
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02026	171.97	F 16.448	F 13.601	3.3717	309.27	3.2723	45.521
Stddev	.00038	1.04	.019	.027	.0040	1.61	.0012	.459
%RSD	1.8770	.60638	.11794	.20016	.11746	.52120	.03799	1.0086
#1	-.01984	170.82	16.437	13.632	3.3763	307.56	3.2710	45.017
#2	-.02059	172.84	16.437	13.591	3.3699	310.76	3.2724	45.914
#3	-.02033	172.27	16.471	13.580	3.3690	309.48	3.2735	45.634
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 82.213	.34012	294.91	.02338	4.4015	61.098	4.5533	7.7378
Stddev	.151	.00092	.87	.00049	.0092	.487	.0079	.1032
%RSD	.18416	.27006	.29400	2.0908	.20949	.79699	.17422	1.3339
#1	82.388	.33930	294.59	.02353	4.4121	60.634	4.5617	7.6678
#2	82.131	.34111	295.89	.02377	4.3970	61.605	4.5520	7.8563
#3	82.121	.33994	294.24	.02283	4.3954	61.054	4.5460	7.6893
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1665.4	2.1869	-.48894	4.3137	.03709	F 25.77	.39055	3.9517
Stddev	6.0	.0310	.00281	.0178	.00232	.09	.00783	.3030
%RSD	.35911	1.4160	.57460	.41345	6.2691	.3549	2.0042	7.6685
#1	1671.9	2.1946	-.49128	4.3066	.03945	25.87	.39369	4.1721
#2	1664.4	2.1528	-.48971	4.3005	.03700	25.72	.38164	4.0770
#3	1660.0	2.2132	-.48582	4.3340	.03480	25.71	.39631	3.6062

Sample Name: K3252-03DLX10 Acquired: 6/12/2019 14:24:54 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TK13-CONTAIN Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 248.99
Stddev	1.03
%RSD	.41304

#1	250.13
#2	248.70
#3	248.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.0	31685.	3641.8	53.098	2016.5
Stddev	7.1	90.	45.2	.707	8.6
%RSD	.38547	.28419	1.2403	1.3318	.42782

#1	1831.8	31663.	3610.3	52.283	2007.9
#2	1836.6	31608.	3693.5	53.466	2016.4
#3	1845.7	31784.	3621.4	53.546	2025.2

Sample Name: K3252-01DL2X100 Acquired: 6/12/2019 14:32:53 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK46-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	-.01231	.00427	.00708	.01259	1.3783	.00334	.00087
Stddev	.00159	.00106	.00042	.00216	.00087	.0056	.00073	.00007
%RSD	41.478	8.5836	9.8066	30.542	6.9398	.40423	21.962	8.0198
#1	.00249	-.01350	.00380	.00555	.01165	1.3731	.00391	.00091
#2	.00343	-.01148	.00438	.00613	.01337	1.3777	.00360	.00091
#3	.00559	-.01194	.00461	.00955	.01274	1.3842	.00251	.00079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	5.2381	1.1658	.80889	.04970	17.408	.13052	3.2130
Stddev	.00004	.0107	.0010	.00107	.00027	.030	.00016	.0163
%RSD	2.1373	.20525	.08334	.13248	.53797	.17280	.11940	.50794
#1	-.00169	5.2416	1.1647	.80818	.04940	17.392	.13065	3.1942
#2	-.00170	5.2261	1.1666	.81012	.04976	17.389	.13056	3.2234
#3	-.00176	5.2467	1.1660	.80836	.04992	17.443	.13035	3.2215
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5799	-.00142	6.3052	.00255	.20570	3.6630	.21828	.05238
Stddev	.0058	.00023	.0298	.00018	.00055	.0176	.00064	.00913
%RSD	.12658	16.425	.47227	7.2196	.26552	.47903	.29323	17.428
#1	4.5802	-.00164	6.3344	.00243	.20508	3.6713	.21895	.04251
#2	4.5856	-.00144	6.3062	.00277	.20614	3.6749	.21823	.06052
#3	4.5740	-.00118	6.2749	.00247	.20586	3.6428	.21767	.05410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 819.65	.47415	-.30673	.85686	.00101	1.979	.00331	3.1871
Stddev	1.63	.00017	.00060	.00110	.00063	.007	.00008	.2055
%RSD	.19873	.03613	.19667	.12853	62.930	.3506	2.5640	6.4475
#1	820.72	.47420	-.30703	.85636	.00162	1.975	.00335	3.3321
#2	820.46	.47397	-.30713	.85812	.00105	1.975	.00337	2.9519
#3	817.78	.47430	-.30604	.85609	.00035	1.987	.00321	3.2771

Sample Name: K3252-01DL2X100 Acquired: 6/12/2019 14:32:53 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK46-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.4622
Stddev	.3138
%RSD	3.3163

#1	9.1140
#2	9.5496
#3	9.7231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.4	35613.	3691.5	60.564	2570.4
Stddev	6.6	104.	10.2	.712	6.7
%RSD	.32302	.29128	.27662	1.1755	.26238

#1	2022.3	35564.	3679.8	59.752	2563.7
#2	2030.4	35543.	3696.0	61.080	2570.3
#3	2035.3	35733.	3698.6	60.860	2577.1

Sample Name: K3252-02DL2X100 Acquired: 6/12/2019 14:37:07 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK11-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	-.02484	-.02863	.05466	-.00204	13.884	.00401	.00132
Stddev	.00320	.00089	.00099	.00258	.00101	.073	.00014	.00008
%RSD	41.701	3.5918	3.4649	4.7291	49.681	.52668	3.5925	5.7073
#1	.00459	-.02586	-.02757	.05759	-.00161	13.836	.00393	.00141
#2	.00743	-.02419	-.02953	.05269	-.00319	13.969	.00417	.00128
#3	.01097	-.02447	-.02880	.05371	-.00130	13.849	.00392	.00128
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	26.436	.72307	.50627	.03461	9.0887	.39374	10.678
Stddev	.00013	.189	.00016	.00110	.00050	.0171	.00091	.155
%RSD	5.4289	.71606	.02172	.21726	1.4489	.18795	.23170	1.4560
#1	-.00234	26.251	.72324	.50753	.03476	9.0690	.39339	10.515
#2	-.00247	26.630	.72306	.50576	.03502	9.0975	.39477	10.825
#3	-.00222	26.428	.72292	.50552	.03405	9.0996	.39305	10.693
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4721	-.00156	373.35	.00437	.42763	6.7814	.22399	.36706
Stddev	.0080	.00030	2.37	.00053	.00367	.0597	.00082	.02475
%RSD	.23142	19.393	.63355	12.089	.85894	.88045	.36529	6.7423
#1	3.4633	-.00174	371.56	.00377	.42348	6.7289	.22305	.34519
#2	3.4791	-.00172	376.03	.00460	.42895	6.8464	.22435	.39392
#3	3.4739	-.00121	372.46	.00474	.43046	6.7689	.22456	.36206
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.168	1.0767	-.01427	.06652	.01162	2.016	.43690	5.4406
Stddev	.061	.0098	.00099	.00108	.00112	.010	.00172	.3675
%RSD	.15094	.91051	6.9576	1.6257	9.6009	.4950	.39416	6.7553
#1	40.157	1.0797	-.01318	.06705	.01129	2.027	.43871	5.2019
#2	40.113	1.0658	-.01512	.06723	.01071	2.008	.43528	5.8638
#3	40.233	1.0847	-.01452	.06527	.01287	2.012	.43672	5.2561

Sample Name: K3252-02DL2X100 Acquired: 6/12/2019 14:37:07 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK11-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.06253
Stddev	.18011
%RSD	288.05

#1	.24487
#2	.05797
#3	-.11526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.2	33205.	3700.8	60.026	2202.1
Stddev	2.1	70.	29.4	1.325	1.1
%RSD	.10655	.21131	.79416	2.2082	.05199

#1	1989.6	33247.	3670.7	58.601	2202.8
#2	1985.8	33124.	3729.4	61.223	2200.8
#3	1989.3	33244.	3702.4	60.255	2202.8

Sample Name: K3252-03DL2X100 Acquired: 6/12/2019 14:41:30 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK13-CONTAIN 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	-.01211	.02117	.00787	.00453	6.0007	.07581	.00245
Stddev	.00080	.00114	.00154	.00134	.00043	.0402	.00097	.00014
%RSD	128.62	9.4176	7.2551	16.988	9.4015	.67007	1.2850	5.8600
#1	.00039	-.01284	.02250	.00895	.00474	5.9552	.07476	.00247
#2	-.00004	-.01080	.01949	.00829	.00481	6.0156	.07600	.00259
#3	.00151	-.01271	.02151	.00637	.00404	6.0314	.07668	.00230
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	18.649	1.7377	1.3248	.37625	39.894	.34076	4.5864
Stddev	.00004	.148	.0049	.0018	.00144	.113	.00131	.0427
%RSD	1.1103	.79217	.28374	.13407	.38392	.28302	.38402	.93170
#1	-.00358	18.489	1.7326	1.3268	.37747	39.772	.33933	4.6038
#2	-.00353	18.677	1.7424	1.3235	.37465	39.994	.34191	4.5377
#3	-.00350	18.780	1.7380	1.3240	.37663	39.915	.34104	4.6176
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4081	.03498	29.240	.00207	.41902	5.8559	.47809	.78495
Stddev	.0187	.00070	.147	.00030	.00075	.0423	.00051	.01471
%RSD	.22257	2.0070	.50276	14.620	.17934	.72259	.10712	1.8745
#1	8.4281	.03537	29.089	.00207	.41974	5.8386	.47757	.79913
#2	8.4050	.03417	29.249	.00176	.41909	5.8249	.47811	.76975
#3	8.3911	.03541	29.382	.00237	.41824	5.9041	.47860	.78598
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 242.34	.22281	-.08017	.43872	-.00033	2.381	.03150	3.6674
Stddev	.54	.00176	.00080	.00077	.00019	.011	.00026	.1852
%RSD	.22274	.79107	.99767	.17603	56.301	.4406	.83571	5.0492
#1	242.97	.22089	-.08093	.43947	-.00051	2.393	.03178	3.6019
#2	242.05	.22435	-.08025	.43876	-.00035	2.372	.03126	3.8765
#3	242.02	.22319	-.07934	.43793	-.00014	2.377	.03145	3.5239

Sample Name: K3252-03DL2X100 Acquired: 6/12/2019 14:41:30 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TK13-CONTAIN Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.178
Stddev	.698
%RSD	3.1467

#1	22.951
#2	21.593
#3	21.990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.9	34711.	3788.6	61.315	2446.6
Stddev	9.5	30.	37.0	1.055	10.8
%RSD	.47710	.08702	.97779	1.7206	.44122

#1	1979.9	34679.	3746.0	62.521	2434.5
#2	1995.7	34739.	3806.1	60.864	2449.8
#3	1997.0	34716.	3813.6	60.561	2455.4

Sample Name: CCV02 Acquired: 6/12/2019 14:45:43 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 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	4.9922	4.9822	4.9542	4.9955	5.0248	10.228	10.089	.25267	2.4621
Stddev	.0092	.0053	.0062	.0191	.0044	.048	.020	.00074	.0033
%RSD	.18521	.10706	.12538	.38245	.08768	.46951	.19500	.29457	.13311
#1	4.9863	4.9812	4.9474	4.9785	5.0299	10.181	10.067	.25317	2.4586
#2	5.0028	4.9879	4.9556	5.0162	5.0225	10.225	10.095	.25182	2.4625
#3	4.9874	4.9773	4.9595	4.9917	5.0220	10.277	10.104	.25304	2.4651
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.460	.99747	2.4706	1.2710	5.0282	2.5499	25.157	2.4737	1.2472
Stddev	.159	.00157	.0017	.0012	.0069	.0061	.134	.0018	.0024
%RSD	.62377	.15700	.06791	.09758	.13770	.23980	.53400	.07302	.19684
#1	25.298	.99847	2.4688	1.2722	5.0260	2.5512	25.017	2.4717	1.2481
#2	25.466	.99566	2.4708	1.2712	5.0227	2.5432	25.285	2.4752	1.2491
#3	25.616	.99827	2.4722	1.2697	5.0360	2.5552	25.168	2.4742	1.2444
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.806	2.5514	2.4673	25.219	5.0368	5.0739	5.1480	4.9914	4.9151
Stddev	.061	.0062	.0021	.106	.0061	.0434	.0132	.0280	.0123
%RSD	.24448	.24443	.08301	.41881	.12181	.85554	.25704	.56062	.24927
#1	24.745	2.5580	2.4657	25.111	5.0323	5.0243	5.1481	5.0118	4.9280
#2	24.806	2.5456	2.4666	25.224	5.0438	5.1047	5.1346	5.0030	4.9036
#3	24.867	2.5505	2.4696	25.323	5.0342	5.0928	5.1611	4.9595	4.9137
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0033	4.9812	4.969	5.0130	5.7666	2.0663			
Stddev	.0080	.0149	.008	.0147	.4044	.3760			
%RSD	.16033	.29919	.1633	.29322	7.0124	18.195			
#1	4.9994	4.9977	4.960	5.0299	5.7659	2.2553			
#2	4.9981	4.9775	4.971	5.0042	5.3625	1.6334			
#3	5.0126	4.9686	4.976	5.0048	6.1713	2.3103			

Sample Name: CCV02 Acquired: 6/12/2019 14:45:43 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 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	1941.8	34039.	3705.7	59.723	2279.7
Stddev	3.3	87.	24.4	.964	3.4
%RSD	.17000	.25480	.65853	1.6141	.15024
#1	1938.3	33949.	3677.7	60.626	2276.2
#2	1942.2	34121.	3716.5	59.835	2283.1
#3	1944.9	34048.	3722.8	58.708	2279.9

Sample Name: CCB02 Acquired: 6/12/2019 14:49:42 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.00063	.00070	-.00166	.00019	.00975	.00079	.00007
Stddev	.00066	.00063	.00055	.00070	.00329	.00477	.00023	.00003
%RSD	91.998	100.75	77.862	42.351	1741.4	48.904	29.130	45.236

#1	.00004	-.00003	.00007	-.00245	.00357	.00446	.00099	.00007
#2	-.00117	.00067	.00096	-.00110	-.00299	.01373	.00085	.00003
#3	-.00102	.00123	.00107	-.00143	-.00001	.01106	.00054	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00968	-.00005	.00005	-.00030	.00042	-.00005	-.01885
Stddev	.00004	.01234	.00019	.00021	.00035	.00027	.00003	.04083
%RSD	157.95	127.47	427.50	377.90	117.11	65.071	68.257	216.59

#1	.00006	.00826	.00011	.00013	.00002	.00068	-.00009	.01275
#2	-.00002	-.00189	.00001	.00021	-.00067	.00014	-.00002	-.06496
#3	.00004	.02268	-.00026	-.00018	-.00025	.00044	-.00004	-.00434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00074	-.47531	-.00020	.00049	-.07520	.00042	.01258
Stddev	.00040	.00032	.01375	.00027	.00008	.02443	.00004	.01270
%RSD	113.21	43.334	2.8925	135.55	16.764	32.489	10.351	100.94

#1	-.00010	-.00053	-.45955	-.00044	.00058	-.05407	.00038	.02641
#2	.00049	-.00058	-.48150	.00009	.00044	-.06958	.00046	.00145
#3	.00068	-.00110	-.48487	-.00024	.00044	-.10195	.00041	.00988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11403	.01437	-.00167	.00042	-.00264	.0010	.00016	3.3089
Stddev	.00486	.00134	.00104	.00113	.00142	.0005	.00007	.1031
%RSD	4.2579	9.3257	62.169	270.46	53.628	52.28	41.147	3.1151

#1	.11723	.01579	-.00069	-.00032	-.00427	.0005	.00015	3.3123
#2	.11643	.01421	-.00156	-.00014	-.00188	.0010	.00010	3.2041
#3	.10844	.01312	-.00275	.00171	-.00177	.0016	.00023	3.4102

Sample Name: CCB02 Acquired: 6/12/2019 14:49:42 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .44653
%RSD 67.063

#1 -.20003
#2 -1.0902
#3 -.70727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.9	35514.	3690.7	62.247	2578.0
Stddev	.2	111.	19.8	2.121	1.0
%RSD	.01156	.31193	.53566	3.4077	.03961

#1	2033.1	35402.	3685.5	63.725	2577.9
#2	2032.9	35516.	3674.1	59.817	2577.0
#3	2032.6	35624.	3712.6	63.200	2579.1

Sample Name: K3279-02 Acquired: 6/12/2019 14:54:12 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	-.00167	.01753	-.00068	-.00032	.13805	.07078
Stddev	.00144	.00150	.00101	.00115	.00034	.01364	.00021
%RSD	82.542	89.422	5.7505	169.81	107.31	9.8799	.29326

#1	-.00287	-.00196	.01833	-.00035	-.00068	.12360	.07067
#2	-.00012	-.00301	.01640	.00028	-.00001	.13984	.07065
#3	-.00225	-.00005	.01785	-.00196	-.00025	.15070	.07102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00248	26.600	.00435	.00122	.00132	.19340
Stddev	.00006	.00002	.060	.00013	.00008	.00030	.00091
%RSD	825.34	.66197	.22650	3.0232	6.3945	22.785	.47282

#1	.00004	.00248	26.531	.00444	.00114	.00100	.19443
#2	.00002	.00246	26.625	.00441	.00122	.00135	.19309
#3	-.00008	.00249	26.643	.00420	.00130	.00160	.19269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	7.0944	.01036	-.00074	59.855	.00009	.03587
Stddev	.00001	.0614	.00050	.00021	.172	.00009	.00012
%RSD	.29617	.86605	4.8671	28.608	.28693	96.596	.34483

#1	.00293	7.0312	.00980	-.00067	59.715	.00014	.03591
#2	.00292	7.0981	.01079	-.00057	59.804	.00015	.03596
#3	.00291	7.1539	.01049	-.00098	60.047	-.00001	.03573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6940	.00074	.05336	7.5920	5.6920	-.00473	.00550
Stddev	.0201	.00044	.01112	.0041	.0479	.00059	.00091
%RSD	.74527	60.071	20.841	.05411	.84185	12.522	16.457

#1	2.6711	.00040	.06173	7.5964	5.7253	-.00509	.00602
#2	2.7023	.00124	.04074	7.5914	5.7137	-.00404	.00446
#3	2.7086	.00058	.05761	7.5883	5.6371	-.00505	.00604

Sample Name: K3279-02 Acquired: 6/12/2019 14:54:12 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	.0060	.20609	4.8078	F<.00000
Stddev	.00154	.0026	.00013	.0910	.43206
%RSD	48.985	43.48	.06116	1.8919	27.386

#1	-.00370	.0042	.20622	4.7080	-2.0221
#2	-.00140	.0048	.20609	4.8861	-1.1591
#3	-.00432	.0090	.20597	4.8293	-1.5518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.4	34358.	3666.3	59.729	2433.4
Stddev	7.7	58.	19.7	.394	8.5
%RSD	.39247	.16854	.53827	.65905	.34769

#1	1956.8	34301.	3644.9	59.884	2425.5
#2	1961.6	34416.	3670.3	60.021	2432.3
#3	1971.9	34358.	3683.8	59.281	2442.3

Sample Name: K3279-02DUP Acquired: 6/12/2019 14:58:38 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	-.00177	.01825	-.00001	-.00158	.12017	.07108
Stddev	.00179	.00095	.00075	.00222	.00018	.00453	.00065
%RSD	67.400	53.411	4.1223	15554.	11.310	3.7738	.91923

#1	-.00368	-.00195	.01875	.00255	-.00147	.12063	.07076
#2	-.00370	-.00261	.01861	-.00126	-.00148	.11542	.07183
#3	-.00059	-.00075	.01738	-.00133	-.00179	.12446	.07065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00243	26.725	.00417	.00123	.00144	.19531
Stddev	.00003	.00010	.149	.00050	.00005	.00013	.00106
%RSD	51.456	3.9191	.55796	11.939	4.3960	8.7264	.54162

#1	.00004	.00233	26.671	.00421	.00128	.00140	.19627
#2	.00005	.00246	26.894	.00366	.00124	.00159	.19548
#3	.00010	.00251	26.611	.00465	.00118	.00135	.19418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	7.1332	.01035	-.00083	59.997	.00040	.03472
Stddev	.00009	.0156	.00019	.00023	.020	.00018	.00016
%RSD	3.1932	.21835	1.8561	27.597	.03310	45.993	.45586

#1	.00293	7.1433	.01032	-.00107	60.015	.00060	.03455
#2	.00281	7.1411	.01018	-.00079	59.976	.00036	.03487
#3	.00300	7.1153	.01056	-.00062	59.998	.00023	.03474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6689	.00068	.04537	7.6212	5.6363	-.00482	.00457
Stddev	.0201	.00019	.01048	.0080	.0159	.00017	.00040
%RSD	.75191	27.320	23.091	.10426	.28123	3.4660	8.7081

#1	2.6673	.00051	.05468	7.6224	5.6265	-.00464	.00422
#2	2.6897	.00064	.03403	7.6127	5.6278	-.00497	.00500
#3	2.6496	.00088	.04742	7.6285	5.6546	-.00485	.00450

Sample Name: K3279-02DUP Acquired: 6/12/2019 14:58:38 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00455	.0069	.20633	5.3085	F<.00000
Stddev	.00097	.0010	.00072	.2856	.51746
%RSD	21.387	15.22	.34671	5.3801	28.516

#1	-.00564	.0075	.20594	5.6173	-2.0626
#2	-.00424	.0075	.20589	5.0539	-1.2199
#3	-.00377	.0057	.20715	5.2543	-2.1615

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.4	34334.	3674.7	60.247	2429.0
Stddev	3.4	136.	15.0	1.825	4.2
%RSD	.17443	.39676	.40923	3.0300	.17365

#1	1960.4	34239.	3680.8	60.426	2430.6
#2	1957.0	34272.	3685.8	58.338	2424.3
#3	1963.8	34490.	3657.6	61.976	2432.2

Sample Name: K3279-02LX5 Acquired: 6/12/2019 15:03:05 Type: Unk
Method: P4-ICP2(v3196) 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	-.00183	-.00073	.00436	-.00050	-.00110	.01855	.01482
Stddev	.00097	.00114	.00096	.00213	.00308	.00530	.00034
%RSD	53.196	156.94	21.998	422.42	280.84	28.570	2.2678

#1	-.00197	-.00048	.00516	.00129	-.00466	.01808	.01477
#2	-.00079	.00027	.00330	-.00286	.00064	.02408	.01451
#3	-.00272	-.00197	.00461	.00006	.00072	.01351	.01517

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00049	5.4278	.00108	.00028	-.00017	.07424
Stddev	.00010	.00005	.0093	.00017	.00012	.00039	.00067
%RSD	221.90	10.047	.17160	15.796	41.689	226.05	.90707

#1	.00013	.00053	5.4371	.00108	.00040	-.00038	.07455
#2	.00007	.00050	5.4279	.00125	.00027	-.00041	.07470
#3	-.00007	.00043	5.4185	.00091	.00017	.00028	.07347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	1.4837	.00470	-.00039	11.738	-.00013	.00812
Stddev	.00005	.0296	.00023	.00029	.036	.00031	.00017
%RSD	4.0714	1.9946	4.9474	74.810	.30451	243.45	2.1252

#1	.00115	1.4919	.00444	-.00016	11.714	-.00037	.00829
#2	.00123	1.4508	.00477	-.00071	11.721	-.00023	.00794
#3	.00114	1.5083	.00489	-.00028	11.779	.00022	.00813

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48236	.00025	.01462	1.6230	1.2250	-.00318	.00231
Stddev	.01579	.00017	.00737	.0060	.0076	.00024	.00075
%RSD	3.2739	64.742	50.427	.37026	.62405	7.6986	32.450

#1	.47691	.00043	.00676	1.6299	1.2286	-.00341	.00194
#2	.50016	.00022	.02138	1.6199	1.2163	-.00292	.00317
#3	.47002	.00011	.01573	1.6191	1.2302	-.00320	.00182

Sample Name: K3279-02LX5 Acquired: 6/12/2019 15:03:05 Type: Unk
Method: P4-ICP2(v3196) 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	-.00310	.0059	.04252	4.7566	F<.00000
Stddev	.00095	.0016	.00029	.2330	.56486
%RSD	30.642	26.97	.67318	4.8983	52.524

#1	-.00353	.0046	.04237	4.4876	-.58221
#2	-.00376	.0076	.04233	4.8904	-1.6917
#3	-.00201	.0055	.04284	4.8919	-.95243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.2	35187.	3676.2	62.616	2543.8
Stddev	11.1	73.	29.2	1.011	13.3
%RSD	.55093	.20821	.79513	1.6138	.52422

#1	1997.9	35150.	3678.0	62.583	2533.4
#2	2019.4	35271.	3704.5	61.622	2558.8
#3	2004.3	35139.	3646.1	63.642	2539.2

Sample Name: K3279-02MS Acquired: 6/12/2019 15:07:32 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77135	1.8941	.95916	1.9016	.78904	2.2504	.27258	.19850
Stddev	.00276	.0041	.00106	.0092	.00465	.0342	.00104	.00058
%RSD	.35768	.21605	.11067	.48458	.58931	1.5216	.38154	.29396
#1	.76973	1.8960	.95793	1.8956	.78798	2.2490	.27159	.19802
#2	.77454	1.8895	.95981	1.9122	.79413	2.2168	.27366	.19915
#3	.76979	1.8970	.95972	1.8970	.78501	2.2852	.27248	.19834
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18916	26.080	.42861	.20214	.31327	3.5124	.21410	8.5434
Stddev	.00015	.189	.00062	.00055	.00137	.0078	.00106	.0494
%RSD	.08035	.72653	.14535	.27335	.43578	.22192	.49544	.57867
#1	.18904	25.940	.42815	.20157	.31170	3.5150	.21296	8.5349
#2	.18911	26.295	.42837	.20267	.31415	3.5185	.21506	8.5965
#3	.18933	26.004	.42932	.20218	.31396	3.5036	.21427	8.4987
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52520	.06959	57.872	.32173	.22240	12.663	.41694	.34719
Stddev	.00116	.00071	.160	.00146	.00053	.028	.00076	.01122
%RSD	.22001	1.0256	.27591	.45481	.23954	.21790	.18245	3.2320
#1	.52519	.06882	57.714	.32074	.22179	12.682	.41651	.34535
#2	.52636	.07023	57.870	.32341	.22268	12.631	.41782	.35921
#3	.52405	.06971	58.033	.32105	.22274	12.675	.41649	.33700
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.218	6.0864	.67245	.21560	.20948	5.691	.39654	5.8615
Stddev	.022	.0244	.00264	.00165	.00090	.014	.00312	.3195
%RSD	.21785	.40016	.39280	.76574	.42858	.2410	.78668	5.4513
#1	10.194	6.0632	.66978	.21539	.20850	5.676	.39530	6.2235
#2	10.224	6.0841	.67250	.21406	.20969	5.695	.39423	5.7422
#3	10.238	6.1118	.67507	.21734	.21025	5.703	.40009	5.6188

Sample Name: K3279-02MS Acquired: 6/12/2019 15:07:32 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW31 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1106
Stddev	.3328
%RSD	10.699

#1	2.8981
#2	3.4941
#3	2.9396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.4	33997.	3604.9	60.271	2391.9
Stddev	2.4	32.	13.5	1.589	2.7
%RSD	.12515	.09276	.37333	2.6359	.11120

#1	1945.6	33994.	3605.7	62.105	2393.3
#2	1946.4	33968.	3618.0	59.399	2393.5
#3	1950.2	34031.	3591.1	59.310	2388.8

Sample Name: K3279-02MSD Acquired: 6/12/2019 15:11:36 Type: Unk
Method: P4-ICP2(v3196) 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	.76170	1.8709	.95199	1.8822	.77830	2.2512	.27003	.19701
Stddev	.00319	.0044	.00210	.0007	.00173	.0195	.00189	.00092
%RSD	.41944	.23439	.22009	.03667	.22182	.86578	.69985	.46495
#1	.76310	1.8740	.95335	1.8821	.77745	2.2453	.26816	.19723
#2	.75805	1.8659	.94958	1.8830	.77717	2.2353	.26999	.19600
#3	.76396	1.8729	.95304	1.8816	.78029	2.2729	.27194	.19779
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18752	25.754	.42379	.20050	.31071	3.4797	.21232	8.3750
Stddev	.00029	.305	.00095	.00024	.00116	.0111	.00054	.1451
%RSD	.15576	1.1862	.22509	.12212	.37364	.31889	.25325	1.7321
#1	.18734	25.433	.42360	.20078	.31181	3.4744	.21235	8.2102
#2	.18786	25.787	.42483	.20031	.31083	3.4723	.21177	8.4311
#3	.18737	26.041	.42295	.20042	.30950	3.4925	.21285	8.4836
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51863	.06961	57.244	.31881	.22074	12.474	.41363	.33824
Stddev	.00110	.00117	.341	.00064	.00023	.040	.00057	.00897
%RSD	.21238	1.6841	.59628	.20000	.10296	.31722	.13723	2.6525
#1	.51772	.07095	56.899	.31811	.22100	12.429	.41369	.34619
#2	.51985	.06876	57.252	.31935	.22065	12.503	.41417	.34003
#3	.51831	.06913	57.582	.31896	.22057	12.491	.41304	.32851
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.233	6.0483	.66843	.21220	.20442	5.635	.39188	5.6399
Stddev	.017	.0638	.00238	.00177	.00099	.008	.00236	.1715
%RSD	.16365	1.0540	.35676	.83318	.48275	.1382	.60283	3.0412
#1	10.215	6.0807	.66619	.21241	.20397	5.634	.39253	5.6273
#2	10.249	6.0893	.66817	.21385	.20373	5.644	.39385	5.4750
#3	10.235	5.9749	.67094	.21034	.20555	5.629	.38926	5.8174

Sample Name: K3279-02MSD Acquired: 6/12/2019 15:11:36 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1126
Stddev	.5712
%RSD	13.890

#1	4.0786
#2	4.7001
#3	3.5591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.8	33934.	3605.6	61.432	2385.0
Stddev	7.4	14.	33.2	.729	6.9
%RSD	.38026	.04102	.92113	1.1868	.29125

#1	1936.8	33950.	3586.3	61.889	2377.1
#2	1951.3	33928.	3586.5	61.815	2390.1
#3	1946.2	33924.	3643.9	60.591	2387.8

Sample Name: K3279-02A Acquired: 6/12/2019 15:15:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74983	1.8336	.92875	1.8458	.76711	2.2817	.26248	.19244	.18307
Stddev	.00406	.0063	.00122	.0037	.00017	.0086	.00121	.00050	.00044
%RSD	.54160	.34572	.13148	.20212	.02203	.37835	.45921	.26088	.24167
#1	.74587	1.8264	.92829	1.8431	.76715	2.2724	.26384	.19202	.18270
#2	.74964	1.8384	.92782	1.8441	.76693	2.2895	.26209	.19299	.18295
#3	.75398	1.8359	.93013	1.8500	.76726	2.2832	.26153	.19230	.18356
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.105	.41380	.19582	.30597	3.4377	.20859	8.1781	.50837	.06772
Stddev	.076	.00027	.00038	.00133	.0138	.00074	.0604	.00084	.00067
%RSD	.30151	.06510	.19650	.43322	.40141	.35328	.73916	.16532	.98277
#1	25.192	.41396	.19586	.30459	3.4251	.20803	8.2467	.50926	.06730
#2	25.068	.41349	.19542	.30607	3.4524	.20942	8.1551	.50759	.06736
#3	25.055	.41395	.19618	.30724	3.4356	.20831	8.1325	.50827	.06848
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	55.703	.31134	.21790	12.161	.40672	.34058	8.9040	6.0713	.65421
Stddev	.121	.00069	.00037	.062	.00047	.01436	.0483	.0107	.00083
%RSD	.21710	.22196	.17148	.50831	.11677	4.2170	.54185	.17652	.12692
#1	55.796	.31145	.21829	12.232	.40630	.32507	8.9591	6.0623	.65426
#2	55.747	.31196	.21755	12.125	.40663	.34325	8.8836	6.0832	.65501
#3	55.566	.31060	.21787	12.125	.40724	.35342	8.8693	6.0684	.65335
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21341	.20226	5.526	.38522	5.8306	3.9496			
Stddev	.00102	.00258	.008	.00107	.3856	.2406			
%RSD	.47843	1.2742	.1498	.27706	6.6133	6.0911			
#1	.21456	.20353	5.532	.38514	5.5076	3.7157			
#2	.21262	.20394	5.516	.38632	6.2575	3.9368			
#3	.21303	.19929	5.529	.38419	5.7268	4.1963			

Sample Name: K3279-02A Acquired: 6/12/2019 15:15:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.9	34098.	3586.3	58.894	2391.2
Stddev	7.6	97.	5.1	1.232	11.9
%RSD	.38985	.28329	.14195	2.0923	.49815
#1	1942.1	34038.	3587.4	59.998	2381.5
#2	1937.3	34047.	3580.7	59.120	2387.6
#3	1952.2	34209.	3590.7	57.565	2404.5

Sample Name: PB120544BL Acquired: 6/12/2019 15:19:47 Type: Unk
Method: P4-ICP2(v3196) 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	-.00068	-.00033	.00052	-.00093	.00040	-.00225	.00053	.00014
Stddev	.00121	.00086	.00055	.00105	.00092	.00513	.00025	.00004
%RSD	178.70	264.23	105.62	113.07	226.55	228.21	46.220	27.094

#1	-.00192	-.00059	.00014	-.00214	.00101	-.00092	.00026	.00015
#2	.00050	.00064	.00114	-.00046	.00085	.00209	.00073	.00017
#3	-.00061	-.00102	.00026	-.00019	-.00065	-.00792	.00060	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00270	-.00000	-.00002	.00029	-.00023	-.00001	-.01963
Stddev	.00004	.00668	.00020	.00006	.00009	.00013	.00003	.05109
%RSD	135.42	247.60	7070.4	273.64	32.295	56.211	216.04	260.21

#1	.00001	.00139	-.00001	-.00008	.00022	-.00036	-.00003	-.07863
#2	-.00007	.00994	.00020	.00004	.00039	-.00011	.00002	.01017
#3	-.00004	-.00323	-.00020	-.00003	.00025	-.00020	-.00002	.00955

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00068	-.59067	-.00033	.00014	-.08026	.00002	.00964
Stddev	.00008	.00025	.00826	.00025	.00008	.01932	.00028	.01234
%RSD	155.21	36.875	1.3982	75.207	57.463	24.074	1317.8	128.03

#1	-.00014	-.00097	-.58596	-.00026	.00024	-.08369	.00029	.02179
#2	.00001	-.00059	-.60020	-.00012	.00013	-.09764	-.00026	-.00288
#3	-.00002	-.00049	-.58584	-.00060	.00007	-.05946	.00004	.01000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02590	.00164	-.00073	.00077	-.00377	.0009	-.00005	4.2141
Stddev	.00253	.00088	.00016	.00056	.00053	.0007	.00005	.2160
%RSD	9.7728	53.960	21.642	73.097	14.071	77.93	101.14	5.1256

#1	.02306	.00062	-.00086	.00118	-.00415	.0004	-.00010	4.4498
#2	.02674	.00209	-.00056	.00099	-.00400	.0018	-.00001	4.1666
#3	.02791	.00220	-.00077	.00013	-.00316	.0006	-.00002	4.0257

Sample Name: PB120544BL Acquired: 6/12/2019 15:19:47 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .39641
%RSD 43.402

#1 -.72073
#2 -1.3693
#3 -.65004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.8	35330.	3649.0	60.908	2551.2
Stddev	5.5	86.	20.7	.904	7.5
%RSD	.27357	.24208	.56691	1.4846	.29564

#1	2008.5	35351.	3652.5	61.492	2543.9
#2	2017.6	35236.	3626.9	59.867	2550.6
#3	2018.4	35403.	3667.8	61.367	2559.0

Sample Name: PB120543BL Acquired: 6/12/2019 15:24:15 Type: Unk
Method: P4-ICP2(v3196) 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	-.00007	-.00020	-.00002	-.00139	-.00074	-.00637	.00023
Stddev	.00148	.00092	.00050	.00403	.00031	.00630	.00017
%RSD	2027.4	457.30	2682.7	290.50	42.557	98.799	76.752

#1	.00154	-.00099	-.00005	.00326	-.00042	-.00338	.00008
#2	-.00037	.00081	-.00051	-.00356	-.00075	-.01361	.00018
#3	-.00138	-.00043	.00050	-.00387	-.00104	-.00213	.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	.00566	.00019	-.00001	-.00044	-.00030
Stddev	.00005	.00005	.00966	.00012	.00011	.00034	.00045
%RSD	76.340	181.10	170.66	65.603	793.59	76.801	146.49

#1	.00004	.00003	-.00443	.00013	.00010	-.00036	.00020
#2	.00003	.00008	.00659	.00032	-.00011	-.00015	-.00048
#3	.00012	-.00003	.01481	.00010	-.00003	-.00081	-.00063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04496	-.00008	-.00040	-.63842	-.00019	-.00004
Stddev	.00004	.01839	.00028	.00026	.00864	.00015	.00010
%RSD	55.307	40.906	364.99	65.400	1.3541	78.690	237.74

#1	-.00011	-.02872	-.00030	-.00044	-.64305	-.00023	.00004
#2	-.00004	-.06493	.00024	-.00012	-.64377	-.00030	-.00001
#3	-.00005	-.04122	-.00017	-.00065	-.62845	-.00002	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09853	.00026	.00571	F .01231	.00045	-.00271	-.00012
Stddev	.01563	.00023	.02712	.00214	.00262	.00022	.00075
%RSD	15.862	90.386	475.06	17.399	586.72	8.1306	640.07

#1	-.10624	.00043	.02911	.01335	.00276	-.00254	.00012
#2	-.10881	-.00001	.01203	.00985	-.00240	-.00264	.00049
#3	-.08055	.00034	-.02401	.01373	.00098	-.00296	-.00096

Sample Name: PB120543BL Acquired: 6/12/2019 15:24:15 Type: Unk
Method: P4-ICP2(v3196) 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	-.00479	.0018	-.00004	F 4.4118	F<.00000
Stddev	.00012	.0023	.00003	.0393	.27652
%RSD	2.5369	125.9	65.565	.89026	32.663
#1	-.00468	.0031	-.00001	4.3961	-1.1439
#2	-.00477	.0033	-.00005	4.4565	-.79883
#3	-.00492	-.0008	-.00007	4.3828	-.59706
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.3	35177.	3657.9	63.247	2552.4
Stddev	11.3	130.	19.9	1.624	13.0
%RSD	.55766	.36918	.54459	2.5674	.50921
#1	2009.7	35063.	3646.2	64.925	2544.2
#2	2014.2	35318.	3680.9	63.133	2545.6
#3	2031.1	35151.	3646.5	61.683	2567.4

Sample Name: PB120536BL Acquired: 6/12/2019 15:33:25 Type: Unk
Method: P4-ICP2(v3196) 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	-.00006	.00032	.00028	.00052	.00035	-.01079	.00065
Stddev	.00197	.00056	.00064	.00103	.00076	.00962	.00038
%RSD	3170.7	175.91	227.20	198.36	219.31	89.108	57.416

#1	.00221	.00086	.00098	-.00063	.00049	-.00320	.00108
#2	-.00138	.00036	-.00028	.00135	.00103	-.02161	.00039
#3	-.00101	-.00026	.00015	.00083	-.00048	-.00757	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	-.00166	.00007	.00007	-.00022	.00507
Stddev	.00006	.00010	.01594	.00015	.00023	.00037	.00075
%RSD	168.02	1133.7	961.17	204.93	325.21	162.98	14.872

#1	-.00003	-.00010	.00196	-.00000	.00032	-.00018	.00593
#2	.00009	.00007	-.01909	-.00002	-.00013	.00012	.00463
#3	.00006	.00006	.01216	.00024	.00002	-.00061	.00463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00498	.00001	-.00013	-.60875	-.00020	.00004
Stddev	.00010	.05350	.00015	.00013	.00693	.00041	.00010
%RSD	56.149	1074.1	2935.8	101.28	1.1382	203.80	230.40

#1	.00029	-.02468	.00011	.00002	-.60648	-.00050	.00014
#2	.00014	.06674	-.00017	-.00023	-.60323	-.00036	.00004
#3	.00010	-.02712	.00008	-.00019	-.61652	.00026	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08615	-.00003	.01148	F .01364	.00243	-.00294	.00084
Stddev	.01171	.00012	.00701	.00346	.00085	.00026	.00131
%RSD	13.595	429.24	61.101	25.360	34.925	8.9044	157.36

#1	-.08028	-.00013	.01735	.01098	.00339	-.00280	-.00035
#2	-.07853	.00011	.00371	.01755	.00175	-.00279	.00225
#3	-.09963	-.00007	.01337	.01238	.00216	-.00325	.00060

Sample Name: PB120536BL Acquired: 6/12/2019 15:33:25 Type: Unk
Method: P4-ICP2(v3196) 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	-.00417	.0012	-.00004	F 4.6717	F<.00000
Stddev	.00122	.0007	.00006	.1331	.23455
%RSD	29.266	52.75	164.56	2.8480	25.401
#1	-.00318	.0005	.00001	4.7530	-.69405
#2	-.00379	.0014	-.00010	4.7439	-.91329
#3	-.00553	.0018	-.00002	4.5181	-1.1628
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.1	34918.	3640.3	61.864	2536.8
Stddev	3.3	166.	13.5	.842	1.0
%RSD	.16287	.47415	.37019	1.3611	.03767
#1	2006.7	34774.	3639.7	62.592	2536.7
#2	2000.2	34881.	3654.1	62.058	2535.9
#3	2002.5	35099.	3627.2	60.942	2537.8

Sample Name: PB120536BS Acquired: 6/12/2019 15:41:59 Type: Unk
Method: P4-ICP2(v3196) 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	.75707	1.9470	.96194	1.8936	.78980	2.0034	.20550	.19548
Stddev	.00258	.0060	.00205	.0064	.00314	.0295	.00256	.00055
%RSD	.34099	.30659	.21317	.33912	.39729	1.4732	1.2437	.28252
#1	.75672	1.9507	.96411	1.8951	.79113	1.9859	.20256	.19516
#2	.75468	1.9503	.96004	1.8866	.78622	1.9868	.20688	.19611
#3	.75981	1.9401	.96167	1.8992	.79205	2.0374	.20708	.19516
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18641	F 1.5205	.41888	.19704	.32450	3.1784	.21458	1.9792
Stddev	.00042	.0246	.00142	.00077	.00098	.0064	.00086	.0683
%RSD	.22747	1.6209	.33989	.39143	.30052	.20255	.40116	3.4506
#1	.18611	1.4921	.41815	.19643	.32338	3.1710	.21384	1.9552
#2	.18690	1.5337	.42052	.19790	.32497	3.1815	.21553	1.9261
#3	.18624	1.5358	.41796	.19678	.32515	3.1827	.21438	2.0562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49627	.07108	F 2.3921	.31478	.19270	10.009	.41631	.30897
Stddev	.00182	.00028	.0343	.00078	.00055	.102	.00161	.01610
%RSD	.36687	.39087	1.4354	.24815	.28311	1.0163	.38714	5.2096
#1	.49580	.07118	2.3526	.31388	.19230	9.8936	.41456	.29409
#2	.49827	.07129	2.4095	.31524	.19332	10.085	.41663	.30676
#3	.49472	.07076	2.4142	.31521	.19247	10.048	.41773	.32605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00176	.88897	.67207	.20877	.20937	5.441	.21190	F 5.1814
Stddev	.00270	.00378	.00082	.00084	.00062	.021	.00048	.1020
%RSD	153.35	.42545	.12268	.40291	.29706	.3854	.22530	1.9679
#1	.00134	.89228	.67177	.20844	.20901	5.438	.21136	5.1009
#2	.00465	.88978	.67144	.20814	.20901	5.463	.21206	5.2961
#3	-.00071	.88485	.67300	.20973	.21008	5.421	.21228	5.1472

Sample Name: PB120536BS Acquired: 6/12/2019 15:41:59 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.7695
Stddev .2117
%RSD 4.4396

#1 4.5282
#2 4.8557
#3 4.9245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.2	34981.	3618.9	61.092	2505.1
Stddev	7.0	124.	29.4	.875	13.5
%RSD	.35055	.35379	.81138	1.4321	.53922

#1	1986.1	34874.	3585.0	61.542	2492.2
#2	1997.3	34952.	3634.6	60.083	2503.8
#3	1999.0	35117.	3637.0	61.650	2519.1

Sample Name: CCV03 Acquired: 6/12/2019 15:46:08 Type: Unk
Method: P4-ICP2(v3196) 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	5.0107	4.9880	5.0008	4.9357	5.0345	10.230	10.126	.25486
Stddev	.0052	.0041	.0004	.0096	.0120	.036	.033	.00045
%RSD	.10464	.08149	.00730	.19471	.23924	.34727	.32808	.17794
#1	5.0095	4.9862	5.0012	4.9252	5.0274	10.191	10.130	.25435
#2	5.0165	4.9926	5.0006	4.9379	5.0484	10.238	10.157	.25503
#3	5.0062	4.9851	5.0005	4.9440	5.0277	10.260	10.091	.25521
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4656	25.575	1.0056	2.4901	1.2887	5.0967	2.5780	25.229
Stddev	.0008	.094	.0012	.0025	.0012	.0090	.0012	.092
%RSD	.03453	.36935	.11519	.09932	.08900	.17710	.04628	.36552
#1	2.4663	25.479	1.0043	2.4929	1.2896	5.1071	2.5769	25.285
#2	2.4647	25.579	1.0064	2.4895	1.2874	5.0905	2.5778	25.122
#3	2.4658	25.668	1.0063	2.4880	1.2892	5.0925	2.5792	25.279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5020	1.2593	24.712	2.5988	2.5042	25.391	5.0780	5.0927
Stddev	.0024	.0036	.056	.0011	.0013	.070	.0094	.0575
%RSD	.09437	.28741	.22807	.04327	.05328	.27486	.18456	1.1294
#1	2.5045	1.2623	24.703	2.6001	2.5051	25.322	5.0681	5.0320
#2	2.4998	1.2603	24.772	2.5979	2.5026	25.461	5.0791	5.1463
#3	2.5017	1.2553	24.661	2.5985	2.5048	25.391	5.0868	5.0997
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0508	4.9566	4.9960	5.0424	5.0463	5.032	5.0603	F 6.9826
Stddev	.0153	.0239	.0048	.0294	.0145	.019	.0089	.1731
%RSD	.30294	.48178	.09574	.58341	.28682	.3830	.17633	2.4791
#1	5.0648	4.9318	4.9941	5.0088	5.0304	5.016	5.0505	6.7897
#2	5.0345	4.9586	5.0015	5.0547	5.0497	5.027	5.0678	7.0339
#3	5.0530	4.9794	4.9926	5.0636	5.0587	5.054	5.0627	7.1243

Sample Name: CCV03 Acquired: 6/12/2019 15:46:08 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0430
Stddev	.6405
%RSD	31.349

#1	1.7728
#2	1.5820
#3	2.7743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.4	33464.	3611.0	57.669	2239.5
Stddev	1.1	102.	5.6	.492	2.4
%RSD	.05870	.30391	.15617	.85331	.10617

#1	1916.6	33362.	3610.2	57.135	2237.0
#2	1915.2	33465.	3617.0	57.767	2241.7
#3	1914.3	33565.	3605.9	58.105	2239.8

Sample Name: CCB03 Acquired: 6/12/2019 15:50:07 Type: Unk
Method: P4-ICP2(v3196) 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	-.00071	.00178	.00127	.00033	.00010	-.00280	.00060
Stddev	.00215	.00124	.00020	.00373	.00204	.01794	.00015
%RSD	301.46	69.563	15.619	1124.3	2123.6	639.96	24.647

#1	-.00243	.00316	.00146	-.00309	-.00223	.01714	.00077
#2	.00169	.00074	.00127	-.00023	.00157	-.01763	.00054
#3	-.00140	.00146	.00107	.00431	.00094	-.00792	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00007	.00207	.00001	.00016	-.00029	-.00039
Stddev	.00004	.00004	.01954	.00020	.00020	.00021	.00018
%RSD	59.888	57.360	944.42	1524.7	123.65	69.800	46.376

#1	.00009	.00012	-.01602	.00024	.00030	-.00009	-.00029
#2	.00002	.00003	-.00057	-.00007	-.00007	-.00050	-.00028
#3	.00009	.00007	.02280	-.00013	.00024	-.00029	-.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01567	-.00025	-.00022	-.70297	.00005	.00003
Stddev	.00003	.01197	.00043	.00029	.00698	.00019	.00005
%RSD	177.97	76.385	170.79	131.31	.99242	347.09	197.92

#1	.00004	-.00358	.00001	-.00029	-.69937	.00001	.00001
#2	-.00002	-.02753	-.00002	.00010	-.69853	-.00011	.00009
#3	.00003	-.01591	-.00075	-.00046	-.71101	.00026	-.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10778	.00127	F .03114	-.00181	.00106	-.00179	.00098
Stddev	.01279	.00051	.00757	.00187	.00346	.00045	.00116
%RSD	11.864	40.044	24.292	103.70	326.35	24.928	118.39

#1	-.12250	.00180	.03241	-.00105	.00494	-.00162	.00071
#2	-.10129	.00121	.02302	-.00394	-.00171	-.00146	.00226
#3	-.09953	.00079	.03799	-.00043	-.00005	-.00230	-.00002

Sample Name: CCB03 Acquired: 6/12/2019 15:50:07 Type: Unk
 Method: P4-ICP2(v3196) 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	-.00492	.0008	.00017	F 5.1645	F<.00000
Stddev	.00082	.0012	.00011	.1500	1.0376
%RSD	16.665	154.5	66.531	2.9045	105.81

#1	-.00399	-.0005	.00029	5.1396	.17623
#2	-.00524	.0009	.00015	5.3254	-1.2890
#3	-.00553	.0019	.00007	5.0285	-1.8289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.3	35097.	3637.0	61.822	2540.7
Stddev	2.9	193.	22.4	.886	4.2
%RSD	.14693	.55081	.61466	1.4332	.16598

#1	2001.1	35075.	3621.3	60.867	2540.3
#2	2005.0	34916.	3627.1	62.617	2545.1
#3	2006.9	35300.	3662.6	61.983	2536.7

Sample Name: PB120536TB Acquired: 6/12/2019 15:54:35 Type: Unk
Method: P4-ICP2(v3196) 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	-.00271	-.00694	.00136	.00298	.00093	.00977	.00040
Stddev	.00196	.00086	.00050	.00175	.00214	.00174	.00054
%RSD	72.346	12.394	36.702	58.826	230.73	17.825	135.05

#1	-.00234	-.00764	.00169	.00498	-.00025	.00855	.00019
#2	-.00482	-.00598	.00160	.00222	-.00036	.00900	.00101
#3	-.00096	-.00720	.00079	.00174	.00340	.01177	-.00000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00017	.01312	.00067	-.00021	-.00006	.00025
Stddev	.00002	.00003	.00222	.00029	.00023	.00047	.00063
%RSD	78.843	15.050	16.960	42.422	107.72	728.78	245.98

#1	-.00002	-.00020	.01406	.00054	-.00002	.00008	-.00045
#2	-.00001	-.00017	.01058	.00100	-.00016	-.00059	.00076
#3	-.00004	-.00015	.01471	.00048	-.00047	.00031	.00045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.05765	.00107	.00105	F 310.00	.00014	.00432
Stddev	.00006	.02014	.00018	.00042	1.15	.00044	.00007
%RSD	60.579	34.931	16.874	40.234	.37139	322.69	1.5297

#1	-.00011	.05394	.00087	.00064	308.68	.00012	.00424
#2	-.00004	.03963	.00111	.00104	310.74	-.00030	.00435
#3	-.00016	.07939	.00122	.00149	310.60	.00058	.00437

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06237	.00068	.00874	-.00276	.01317	-.00047	.00138
Stddev	.01871	.00007	.00400	.00096	.00102	.00047	.00113
%RSD	29.990	10.845	45.747	34.766	7.7662	99.706	82.107

#1	-.05852	.00068	.00633	-.00312	.01435	-.00098	.00141
#2	-.04589	.00061	.01335	-.00167	.01249	-.00039	.00250
#3	-.08270	.00075	.00653	-.00348	.01268	-.00005	.00023

Sample Name: PB120536TB Acquired: 6/12/2019 15:54:35 Type: Unk
Method: P4-ICP2(v3196) 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	-.00407	.0009	.00002	F 7.9944	F<.00000
Stddev	.00190	.0009	.00011	.2113	.23004
%RSD	46.544	109.4	429.30	2.6434	4.8961

#1	-.00584	.0013	.00015	7.8108	-4.8582
#2	-.00207	-.0002	-.00003	7.9470	-4.8021
#3	-.00430	.0015	-.00004	8.2254	-4.4347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.5	32567.	3593.9	59.942	2238.3
Stddev	8.8	47.	2.3	1.421	6.1
%RSD	.46942	.14473	.06373	2.3700	.27266

#1	1867.4	32527.	3591.7	61.442	2236.0
#2	1883.6	32619.	3596.3	59.767	2245.2
#3	1869.4	32554.	3593.8	58.617	2233.6

Sample Name: K3279-04 Acquired: 6/12/2019 15:59:14 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00236	.02269	.00230	-.00070	.01831	.10895
Stddev	.00114	.00033	.00094	.00129	.00156	.00736	.00036
%RSD	188.07	13.907	4.1283	56.374	222.94	40.191	.33033

#1	.00022	-.00260	.02224	.00375	.00081	.02501	.10925
#2	-.00190	-.00248	.02207	.00126	-.00060	.01948	.10855
#3	-.00013	-.00199	.02377	.00188	-.00231	.01043	.10905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00019	25.344	.02349	.00134	.00207	.05362
Stddev	.00005	.00004	.113	.00027	.00026	.00073	.00121
%RSD	187.88	20.554	.44737	1.1388	19.731	35.169	2.2630

#1	.00002	-.00023	25.213	.02326	.00153	.00289	.05226
#2	-.00002	-.00016	25.411	.02344	.00104	.00150	.05403
#3	.00008	-.00018	25.409	.02378	.00144	.00182	.05458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04182	9.7492	.00371	-.00101	64.070	.00010	.03801
Stddev	.00020	.0631	.00022	.00045	.208	.00035	.00015
%RSD	.48538	.64678	6.0104	44.396	.32480	365.85	.39208

#1	.04179	9.7320	.00396	-.00131	63.830	.00003	.03810
#2	.04164	9.8191	.00354	-.00049	64.197	-.00022	.03783
#3	.04204	9.6965	.00362	-.00122	64.182	.00047	.03808

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8145	.00051	.07640	9.1461	7.1946	-.00552	.00121
Stddev	.0255	.00013	.00630	.0150	.0199	.00075	.00139
%RSD	.66866	25.981	8.2406	.16365	.27711	13.616	115.11

#1	3.8286	.00046	.07099	9.1633	7.1967	-.00540	.00081
#2	3.8297	.00040	.07489	9.1380	7.1736	-.00632	.00006
#3	3.7850	.00066	.08331	9.1368	7.2133	-.00483	.00276

Sample Name: K3279-04 Acquired: 6/12/2019 15:59:14 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00368	.0038	.31120	6.5585	F<.00000
Stddev	.00088	.0012	.00103	.1014	.33367
%RSD	24.025	32.16	.33001	1.5453	19.717
#1	.00318	.0038	.31028	6.6414	-1.7948
#2	.00470	.0026	.31102	6.5887	-1.9626
#3	.00316	.0050	.31231	6.4455	-1.3194
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.8	33633.	3580.2	58.252	2382.6
Stddev	7.0	92.	9.5	1.331	6.9
%RSD	.36583	.27405	.26653	2.2854	.28957
#1	1916.2	33528.	3571.4	56.716	2377.6
#2	1930.2	33701.	3590.3	58.960	2390.4
#3	1922.1	33669.	3578.8	59.079	2379.7

Sample Name: K3279-05 Acquired: 6/12/2019 16:03:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00052	.01427	-.00059	-.00020	.01833	.07842
Stddev	.00225	.00025	.00078	.00326	.00172	.00146	.00022
%RSD	104.92	48.495	5.4441	556.33	844.10	7.9669	.28035

#1	.00027	-.00074	.01449	.00317	.00155	.01989	.07855
#2	-.00253	-.00059	.01492	-.00236	-.00188	.01812	.07854
#3	-.00418	-.00024	.01341	-.00257	-.00028	.01699	.07816

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00020	21.204	.00387	.00085	.00102	.18148
Stddev	.00005	.00005	.126	.00066	.00018	.00030	.00215
%RSD	113.39	25.349	.59239	16.965	21.478	29.739	1.1867

#1	.00007	-.00018	21.059	.00316	.00077	.00137	.17899
#2	.00006	-.00026	21.276	.00446	.00106	.00081	.18271
#3	-.00001	-.00016	21.277	.00399	.00073	.00089	.18273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	5.2467	.00567	-.00074	28.560	.00008	.01243
Stddev	.00002	.0909	.00024	.00044	.171	.00032	.00008
%RSD	.83049	1.7334	4.2952	59.726	.59768	394.05	.66532

#1	.00236	5.1457	.00559	-.00125	28.370	.00043	.01246
#2	.00233	5.3221	.00548	-.00046	28.610	-.00021	.01248
#3	.00233	5.2722	.00594	-.00051	28.700	.00003	.01233

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8371	.00053	.05354	4.7972	4.7623	-.00422	.00169
Stddev	.0072	.00018	.01247	.0123	.0036	.00046	.00085
%RSD	.25336	34.469	23.297	.25567	.07450	10.852	50.342

#1	2.8387	.00035	.06411	4.8112	4.7645	-.00435	.00090
#2	2.8292	.00072	.03978	4.7883	4.7641	-.00459	.00158
#3	2.8433	.00053	.05673	4.7921	4.7582	-.00371	.00260

Sample Name: K3279-05 Acquired: 6/12/2019 16:03:40 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	.0054	.22052	5.8519	F<.00000
Stddev	.00026	.0005	.00081	.3177	.46087
%RSD	6.0914	9.187	.36884	5.4297	35.347

#1	-.00403	.0050	.21960	6.1819	-1.6789
#2	-.00443	.0054	.22116	5.8257	-.78935
#3	-.00453	.0059	.22079	5.5480	-1.4433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.5	34243.	3612.3	59.464	2435.7
Stddev	1.8	43.	6.8	.499	7.1
%RSD	.09366	.12600	.18882	.83971	.29227

#1	1940.8	34232.	3604.4	59.458	2427.5
#2	1942.2	34290.	3616.0	58.967	2440.4
#3	1944.4	34206.	3616.4	59.966	2439.3

Sample Name: K3279-06 Acquired: 6/12/2019 16:08:05 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00132	.02659	.00134	.00077	.11288	.09360
Stddev	.00130	.00180	.00113	.00333	.00052	.00390	.00031
%RSD	116.00	136.31	4.2334	247.71	68.099	3.4544	.32732

#1	-.00254	-.00339	.02704	-.00129	.00088	.11023	.09336
#2	.00001	-.00008	.02530	.00508	.00020	.11106	.09394
#3	-.00084	-.00049	.02742	.00024	.00122	.11736	.09349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00026	34.693	.00341	.00178	.00147	.15102
Stddev	.00004	.00006	.127	.00025	.00017	.00019	.00040
%RSD	62.188	21.528	.36694	7.4869	9.5633	13.080	.26507

#1	.00011	-.00033	34.546	.00336	.00185	.00157	.15069
#2	.00002	-.00025	34.777	.00318	.00159	.00125	.15146
#3	.00008	-.00022	34.755	.00368	.00191	.00158	.15090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00794	11.720	.00704	-.00099	54.311	.00041	.01696
Stddev	.00005	.018	.00015	.00016	.105	.00056	.00005
%RSD	.68993	.15317	2.1341	16.563	.19303	136.15	.32059

#1	.00788	11.708	.00688	-.00117	54.190	-.00018	.01696
#2	.00798	11.711	.00707	-.00084	54.375	.00049	.01690
#3	.00796	11.741	.00718	-.00098	54.368	.00092	.01701

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7124	.00037	.11390	F 12.355	8.2892	-.00650	.00655
Stddev	.0241	.00008	.01372	.039	.0357	.00081	.00138
%RSD	.42128	22.722	12.050	.31722	.43004	12.396	21.079

#1	5.6951	.00046	.10021	12.381	8.2806	-.00575	.00780
#2	5.7023	.00032	.11381	12.310	8.2587	-.00640	.00676
#3	5.7399	.00032	.12766	12.374	8.3284	-.00735	.00507

Sample Name: K3279-06 Acquired: 6/12/2019 16:08:05 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01841	.0036	.52709	6.5169	F<.00000
Stddev	.00167	.0012	.00467	.1564	.36353
%RSD	9.0777	32.78	.88635	2.4002	23.726

#1	.01770	.0049	.52438	6.6919	-1.3031
#2	.02032	.0025	.52440	6.4685	-1.3421
#3	.01721	.0035	.53248	6.3905	-1.9514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.6	33646.	3582.7	60.508	2379.4
Stddev	2.9	41.	21.4	.523	2.2
%RSD	.15131	.12051	.59785	.86359	.09361

#1	1924.7	33600.	3587.1	59.920	2376.8
#2	1925.1	33666.	3601.5	60.686	2380.8
#3	1930.0	33674.	3559.4	60.919	2380.6

Sample Name: K3279-07 Acquired: 6/12/2019 16:12:29 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-MW203I Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	-.00246	.02690	-.00001	-.00136	.21046	.13470
Stddev	.00248	.00086	.00061	.00167	.00112	.01566	.00080
%RSD	162.40	35.081	2.2833	12651.	81.857	7.4414	.59065

#1	.00051	-.00208	.02619	-.00094	-.00066	.22550	.13393
#2	-.00080	-.00345	.02730	.00191	-.00078	.21163	.13552
#3	-.00429	-.00185	.02721	-.00101	-.00265	.19425	.13465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00001	25.022	.00297	.01605	.00213	.12599
Stddev	.00006	.00001	.205	.00037	.00011	.00033	.00061
%RSD	28.017	95.495	.81856	12.486	.67415	15.296	.48742

#1	.00019	-.00000	24.788	.00269	.01600	.00202	.12553
#2	.00015	-.00000	25.166	.00284	.01597	.00188	.12669
#3	.00026	-.00001	25.113	.00339	.01617	.00250	.12574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12077	8.2124	.02613	-.00080	41.130	.00052	.07059
Stddev	.00049	.0484	.00050	.00022	.062	.00026	.00019
%RSD	.40329	.58909	1.9303	27.095	.15079	49.478	.26206

#1	.12133	8.1667	.02658	-.00088	41.062	.00081	.07045
#2	.12059	8.2074	.02558	-.00055	41.143	.00031	.07080
#3	.12040	8.2630	.02622	-.00097	41.184	.00045	.07053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0536	.00021	.09285	F 15.584	8.6984	-.00767	.00484
Stddev	.0743	.00020	.01044	.012	.0533	.00031	.00123
%RSD	1.2277	97.110	11.240	.07987	.61274	4.0727	25.360

#1	5.9678	.00022	.10448	15.598	8.7581	-.00803	.00343
#2	6.0944	-.00000	.08978	15.574	8.6556	-.00752	.00541
#3	6.0985	.00040	.08430	15.580	8.6815	-.00745	.00568

Sample Name: K3279-07 Acquired: 6/12/2019 16:12:29 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-MW203I Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.0063	.29058	5.4744	F<.00000
Stddev	.00151	.0011	.00116	.1402	.22641
%RSD	94.079	17.35	.40086	2.5609	10.676

#1	-.00204	.0064	.29191	5.3563	-2.3402
#2	-.00286	.0052	.28976	5.6293	-2.1341
#3	.00007	.0074	.29007	5.4377	-1.8879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.1	33789.	3583.5	61.363	2402.1
Stddev	6.2	72.	27.6	1.359	4.3
%RSD	.32007	.21208	.77073	2.2143	.17865

#1	1917.2	33723.	3551.7	59.861	2397.7
#2	1928.9	33781.	3601.5	62.508	2402.4
#3	1926.2	33865.	3597.3	61.718	2406.3

Sample Name: K3279-09 Acquired: 6/12/2019 16:16:51 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00004	-.00210	-.00219	-.00046	-.00387	.00036
Stddev	.00094	.00107	.00030	.00219	.00096	.01087	.00030
%RSD	791.62	2498.9	14.340	100.14	209.30	280.59	81.426

#1	.00078	-.00119	-.00177	.00034	-.00064	.00435	.00029
#2	-.00110	.00075	-.00217	-.00346	-.00131	-.01620	.00069
#3	-.00004	.00056	-.00235	-.00345	.00058	.00023	.00011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00013	-.00391	-.00001	.00025	-.00190	-.00259
Stddev	.00003	.00005	.00725	.00007	.00004	.00016	.00053
%RSD	27.796	38.637	185.32	776.18	15.692	8.4649	20.418

#1	.00014	.00008	.00393	-.00000	.00021	-.00173	-.00308
#2	.00009	.00015	-.00530	-.00008	.00027	-.00205	-.00203
#3	.00008	.00017	-.01037	.00006	.00028	-.00193	-.00265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01633	.00139	-.00077	-.48807	-.00022	.00405
Stddev	.00005	.01417	.00004	.00012	.01213	.00017	.00007
%RSD	50.717	86.736	3.0652	15.085	2.4860	78.776	1.7783

#1	-.00005	.01136	.00141	-.00075	-.47407	-.00010	.00399
#2	-.00015	.03232	.00135	-.00090	-.49530	-.00014	.00403
#3	-.00011	.00533	.00143	-.00067	-.49486	-.00041	.00413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11336	.00001	-.00154	-.01702	-.00766	-.00485	.00090
Stddev	.01193	.00033	.01685	.00372	.00083	.00010	.00067
%RSD	10.521	3026.6	1091.9	21.860	10.868	2.0824	73.957

#1	-.10856	.00028	-.02076	-.01311	-.00856	-.00495	.00112
#2	-.12694	.00011	.00539	-.01743	-.00751	-.00486	.00015
#3	-.10459	-.00036	.01074	-.02051	-.00691	-.00475	.00143

Sample Name: K3279-09 Acquired: 6/12/2019 16:16:51 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-EB03-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00834	.0021	.00006	1.9447	F<.00000
Stddev	.00078	.0002	.00006	.2889	.38564
%RSD	9.3111	7.534	89.980	14.854	36.160

#1	-.00781	.0021	-.00000	1.7212	-1.4051
#2	-.00923	.0019	.00008	1.8421	-1.1475
#3	-.00798	.0022	.00011	2.2709	-.64675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.0	37469.	3871.9	65.819	2753.0
Stddev	8.0	63.	16.8	.632	10.9
%RSD	.37665	.16939	.43402	.95975	.39412

#1	2142.3	37519.	3891.2	66.075	2759.6
#2	2133.2	37490.	3864.4	66.283	2759.0
#3	2126.3	37397.	3860.2	65.100	2740.5

Sample Name: K3265-02 Acquired: 6/12/2019 16:21:18 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-01-(0-37)C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04562	-.02672	.31227	-.01152	-.00570	83.642	.54755	.01747
Stddev	.00262	.00216	.00222	.00177	.00088	.244	.00149	.00009
%RSD	5.7480	8.0674	.71210	15.348	15.441	.29196	.27128	.51028

#1	.04661	-.02432	.31482	-.01309	-.00661	83.618	.54869	.01740
#2	.04264	-.02734	.31120	-.00960	-.00563	83.411	.54587	.01757
#3	.04759	-.02850	.31078	-.01185	-.00486	83.897	.54809	.01744

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	103.27	.43150	.33447	.38215	193.41	3.1744	215.23
Stddev	.00012	.10	.00060	.00163	.00087	1.25	.0044	.89
%RSD	10.795	.09229	.13794	.48697	.22710	.64522	.13991	.41542

#1	.00124	103.32	.43202	.33598	.38153	194.80	3.1794	214.55
#2	.00100	103.32	.43164	.33471	.38176	192.38	3.1707	214.90
#3	.00115	103.16	.43085	.33274	.38314	193.06	3.1732	216.24

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9161	-.00863	120.16	.25471	.61252	11.098	-.00204	.01809
Stddev	.0053	.00069	.16	.00159	.00065	.017	.00020	.01946
%RSD	.10784	7.9473	.13649	.62425	.10594	.14920	9.9245	107.57

#1	4.9213	-.00784	120.30	.25301	.61259	11.116	-.00181	.04046
#2	4.9164	-.00898	120.21	.25498	.61314	11.096	-.00215	.00873
#3	4.9107	-.00906	119.98	.25615	.61184	11.083	-.00217	.00508

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3562	2.2512	.01574	2.4116	.17214	4.574	-.00147	.08569
Stddev	.0332	.0210	.00047	.0088	.00218	.006	.00232	.09563
%RSD	.52215	.93103	2.9887	.36433	1.2640	.1230	157.69	111.61

#1	6.3887	2.2454	.01520	2.4023	.17034	4.579	-.00415	.19530
#2	6.3224	2.2337	.01599	2.4128	.17151	4.568	-.00017	.01928
#3	6.3575	2.2744	.01604	2.4197	.17456	4.575	-.00009	.04248

Sample Name: K3265-02 Acquired: 6/12/2019 16:21:18 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-01-(0-37)C Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 163.55
Stddev 1.76
%RSD 1.0767

#1 163.00
#2 162.13
#3 165.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.6	36642.	4117.1	56.615	2022.4
Stddev	2.6	81.	13.2	1.207	5.8
%RSD	.12349	.22137	.32047	2.1325	.28844

#1	2075.9	36555.	4126.0	55.603	2015.8
#2	2081.0	36716.	4123.4	57.951	2024.5
#3	2079.0	36654.	4102.0	56.291	2026.9

Sample Name: K3265-04 Acquired: 6/12/2019 16:25:33 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-04-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03190	-.02928	.47488	-.01781	-.00620	72.083	.67702	.01986
Stddev	.00222	.00100	.00198	.00384	.00132	.838	.00687	.00031
%RSD	6.9454	3.4161	.41783	21.545	21.314	1.1632	1.0142	1.5512
#1	.02935	-.03023	.47418	-.01370	-.00674	71.283	.66949	.01952
#2	.03303	-.02939	.47335	-.01843	-.00717	72.011	.67864	.02011
#3	.03332	-.02823	.47712	-.02130	-.00469	72.955	.68293	.01995
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	215.32	.49183	.45616	.51536	225.11	6.4471	607.76
Stddev	.00007	1.73	.00081	.00180	.00048	.55	.0418	5.45
%RSD	1.0670	.80428	.16481	.39459	.09325	.24253	.64898	.89667
#1	.00625	213.63	.49092	.45632	.51550	224.66	6.4256	602.18
#2	.00638	215.24	.49212	.45428	.51575	224.95	6.4204	608.01
#3	.00630	217.09	.49246	.45787	.51482	225.72	6.4953	613.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5598	-.01259	34.547	.19273	1.0040	14.896	-.00621	-.00791
Stddev	.0333	.00035	.229	.00055	.0031	.144	.00048	.01304
%RSD	.34828	2.8183	.66292	.28536	.30878	.96508	7.7156	164.83
#1	9.5348	-.01294	34.286	.19336	1.0021	14.749	-.00674	.00609
#2	9.5470	-.01261	34.639	.19238	1.0023	14.905	-.00580	-.01971
#3	9.5976	-.01223	34.715	.19245	1.0076	15.036	-.00609	-.01012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8924	4.5185	.04012	2.3636	.13772	6.446	.40902	.89927
Stddev	.0181	.0739	.00130	.0049	.00109	.041	.00344	.10226
%RSD	.95806	1.6361	3.2292	.20691	.79076	.6302	.84016	11.371
#1	1.9013	4.5557	.03866	2.3609	.13721	6.442	.40923	.92195
#2	1.8715	4.5664	.04059	2.3693	.13897	6.408	.41235	.78758
#3	1.9042	4.4333	.04112	2.3607	.13698	6.489	.40548	.98829

Sample Name: K3265-04 Acquired: 6/12/2019 16:25:33 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-04-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 203.17
Stddev	1.00
%RSD	.49147

#1	204.14
#2	203.23
#3	202.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.3	35282.	4026.8	53.820	1902.7
Stddev	2.6	50.	33.7	1.775	2.3
%RSD	.12873	.14083	.83726	3.2980	.12108

#1	1982.5	35336.	4005.5	54.942	1903.6
#2	1979.6	35271.	4009.3	51.774	1904.4
#3	1984.7	35239.	4065.7	54.746	1900.1

Sample Name: K3265-06 Acquired: 6/12/2019 16:29:58 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-03-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04366	-.04512	1.2150	-.01043	.00759	155.99	.60715	.01142
Stddev	.00366	.00080	.0010	.00412	.00073	.26	.00213	.00022
%RSD	8.3714	1.7687	.08397	39.514	9.6646	.16931	.35144	1.9190
#1	.03976	-.04513	1.2149	-.00573	.00809	155.94	.60925	.01140
#2	.04700	-.04432	1.2141	-.01211	.00794	156.28	.60722	.01165
#3	.04424	-.04591	1.2161	-.01344	.00675	155.76	.60498	.01121
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01961	889.69	.15970	.04641	.26544	105.24	3.7049	136.63
Stddev	.00003	1.05	.00090	.00053	.00047	.24	.0032	.26
%RSD	.16441	.11842	.56628	1.1419	.17677	.22495	.08554	.18675
#1	.01964	890.66	.16072	.04697	.26509	105.00	3.7020	136.92
#2	.01958	888.57	.15898	.04635	.26525	105.24	3.7082	136.53
#3	.01961	889.84	.15941	.04591	.26597	105.47	3.7044	136.44
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16012	-.01434	106.64	.20476	.56162	7.2563	-.00097	.12747
Stddev	.00025	.00028	.07	.00103	.00109	.0115	.00045	.02300
%RSD	.15893	1.9411	.06885	.50324	.19446	.15802	45.689	18.042
#1	.16037	-.01445	106.72	.20453	.56268	7.2647	-.00139	.10604
#2	.16013	-.01455	106.61	.20589	.56050	7.2432	-.00103	.12460
#3	.15986	-.01402	106.58	.20387	.56168	7.2609	-.00050	.15177
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2852	3.0996	.00982	5.2687	.11442	8.374	2.0563	3.8071
Stddev	.0203	.0037	.00248	.0118	.00135	.018	.0083	.2236
%RSD	.21814	.11764	25.205	.22399	1.1792	.2144	.40144	5.8746
#1	9.2809	3.1034	.01070	5.2651	.11586	8.368	2.0612	3.9849
#2	9.2675	3.0961	.00703	5.2592	.11421	8.360	2.0468	3.8805
#3	9.3073	3.0992	.01174	5.2819	.11319	8.394	2.0610	3.5560

Sample Name: K3265-06 Acquired: 6/12/2019 16:29:58 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-03-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 70.971
 Stddev 1.554
 %RSD 2.1894

#1 69.218
 #2 71.518
 #3 72.178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.3	33337.	3921.6	54.611	1865.7
Stddev	4.2	54.	12.6	1.537	2.3
%RSD	.22144	.16242	.32218	2.8149	.12492

#1	1897.2	33275.	3913.0	53.806	1863.0
#2	1904.1	33364.	3936.1	56.383	1867.5
#3	1896.5	33372.	3915.6	53.643	1866.5

Sample Name: K3265-08 Acquired: 6/12/2019 16:34:25 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-02-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03396	-.02856	.60966	-.00657	-.00448	88.235	.67559	.02018
Stddev	.00105	.00317	.00365	.00116	.00131	.232	.00138	.00010
%RSD	3.0848	11.085	.59834	17.716	29.159	.26302	.20438	.48959
#1	.03514	-.02942	.61182	-.00528	-.00565	88.117	.67503	.02030
#2	.03360	-.03121	.60544	-.00753	-.00473	88.085	.67458	.02013
#3	.03314	-.02506	.61170	-.00692	-.00307	88.502	.67717	.02012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	80.769	.60076	.35307	.52255	212.29	3.3471	72.577
Stddev	.00023	.387	.00142	.00109	.00199	1.79	.0106	.351
%RSD	14.839	.47946	.23683	.30956	.38037	.84382	.31781	.48423
#1	.00148	81.148	.60110	.35427	.52037	214.31	3.3592	72.937
#2	.00135	80.374	.60199	.35213	.52303	211.66	3.3392	72.235
#3	.00180	80.786	.59921	.35282	.52426	210.89	3.3429	72.559
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1966	-.00981	30.670	.29559	.69735	11.412	-.00084	.00101
Stddev	.0066	.00037	.099	.00097	.00011	.050	.00021	.00999
%RSD	.20701	3.8183	.32264	.32766	.01607	.43589	25.171	987.82
#1	3.2027	-.01002	30.730	.29669	.69745	11.399	-.00067	.00107
#2	3.1896	-.00938	30.556	.29490	.69723	11.369	-.00107	.01097
#3	3.1974	-.01003	30.724	.29516	.69737	11.467	-.00077	-.00900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3671	1.5343	.06006	2.6844	.14882	5.127	.09821	<.00000
Stddev	.0198	.0085	.00155	.0169	.00202	.006	.00417	.15806
%RSD	.23613	.55654	2.5845	.62834	1.3602	.1247	4.2458	5.4279
#1	8.3474	1.5285	.06130	2.6656	.14681	5.134	.09353	-2.9205
#2	8.3669	1.5441	.06055	2.6982	.14879	5.121	.10152	-3.0657
#3	8.3869	1.5302	.05832	2.6894	.15086	5.128	.09959	-2.7499

Sample Name: K3265-08 Acquired: 6/12/2019 16:34:25 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 192.31
Stddev	2.23
%RSD	1.1615

#1	190.82
#2	191.24
#3	194.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.8	38662.	4294.1	58.951	2141.0
Stddev	3.1	179.	26.4	3.031	5.2
%RSD	.14133	.46424	.61574	5.1419	.24358

#1	2186.4	38455.	4306.4	60.407	2135.1
#2	2190.4	38763.	4263.8	55.467	2145.0
#3	2192.5	38768.	4312.1	60.980	2142.9

Sample Name: CCV04 Acquired: 6/12/2019 16:38:41 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1413	5.1420	5.1332	5.0828	5.1675	10.498	10.399	.26101
Stddev	.0034	.0110	.0103	.0132	.0041	.083	.047	.00038
%RSD	.06554	.21351	.20068	.26006	.07983	.78893	.45457	.14404
#1	5.1389	5.1321	5.1318	5.0871	5.1689	10.406	10.347	.26058
#2	5.1452	5.1400	5.1237	5.0934	5.1707	10.523	10.413	.26127
#3	5.1400	5.1538	5.1441	5.0680	5.1629	10.566	10.439	.26118
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5364	25.890	1.0282	2.5589	1.3167	5.2135	2.6476	25.773
Stddev	.0055	.261	.0029	.0055	.0007	.0107	.0047	.079
%RSD	.21696	1.0095	.28498	.21561	.05020	.20517	.17611	.30580
#1	2.5346	25.590	1.0298	2.5595	1.3159	5.2015	2.6422	25.701
#2	2.5320	26.068	1.0249	2.5530	1.3171	5.2169	2.6501	25.858
#3	2.5426	26.012	1.0300	2.5640	1.3170	5.2220	2.6505	25.761
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5692	1.2866	25.400	2.6295	2.5638	25.963	5.1936	5.2017
Stddev	.0047	.0004	.137	.0081	.0040	.118	.0064	.0154
%RSD	.18195	.03389	.54095	.30989	.15759	.45274	.12364	.29672
#1	2.5721	1.2861	25.252	2.6202	2.5653	25.834	5.1892	5.2141
#2	2.5638	1.2867	25.425	2.6329	2.5592	25.993	5.2009	5.2066
#3	2.5716	1.2869	25.524	2.6354	2.5668	26.063	5.1905	5.1844
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1778	5.0531	5.1159	5.1512	5.1635	5.189	5.1765	F 7.5693
Stddev	.0076	.0100	.0106	.0173	.0194	.019	.0151	.2417
%RSD	.14700	.19695	.20693	.33556	.37536	.3650	.29123	3.1927
#1	5.1866	5.0453	5.1099	5.1315	5.1470	5.199	5.1672	7.3245
#2	5.1731	5.0496	5.1096	5.1641	5.1588	5.167	5.1685	7.8077
#3	5.1738	5.0643	5.1281	5.1579	5.1848	5.200	5.1939	7.5755

Sample Name: CCV04 Acquired: 6/12/2019 16:38:41 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15096 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9922
Stddev	.4246
%RSD	21.315

#1	2.2011
#2	1.5035
#3	2.2718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.3	33171.	3588.9	57.587	2211.5
Stddev	.9	43.	9.6	.309	5.9
%RSD	.04743	.12923	.26869	.53626	.26716

#1	1894.2	33200.	3586.2	57.344	2207.8
#2	1895.7	33192.	3599.7	57.482	2218.3
#3	1895.9	33122.	3581.0	57.934	2208.5

Sample Name: CCB04 Acquired: 6/12/2019 16:42:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8300 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00014	.00041	.00055	.00008	.00151	.00095
Stddev	.00289	.00124	.00064	.00122	.00033	.01030	.00045
%RSD	813.99	894.21	156.34	221.50	439.72	683.78	47.501

#1	.00278	.00154	.00040	-.00080	-.00019	.00829	.00146
#2	.00113	-.00029	.00105	.00158	.00045	.00657	.00061
#3	-.00284	-.00083	-.00023	.00088	-.00003	-.01034	.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00002	-.01104	.00001	.00016	-.00032	.00023
Stddev	.00002	.00011	.01206	.00038	.00010	.00008	.00034
%RSD	39.590	452.69	109.23	3129.8	60.602	23.751	150.15

#1	.00004	-.00002	-.01947	-.00003	.00027	-.00026	.00047
#2	.00004	.00009	-.01643	-.00035	.00009	-.00030	-.00016
#3	.00007	-.00013	.00277	.00041	.00011	-.00041	.00038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00692	-.00035	-.00029	-.77775	-.00028	-.00006
Stddev	.00002	.03304	.00025	.00026	.00906	.00016	.00007
%RSD	28.232	477.32	72.637	88.655	1.1646	58.272	108.64

#1	.00008	.03979	-.00014	-.00000	-.78494	-.00011	.00001
#2	.00006	-.02629	-.00063	-.00050	-.78074	-.00030	-.00007
#3	.00005	.00727	-.00028	-.00038	-.76758	-.00043	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15083	.00100	.00847	F -.01313	.00376	-.00202	-.00028
Stddev	.01061	.00010	.01247	.00387	.00166	.00057	.00055
%RSD	7.0319	9.6795	147.36	29.477	44.159	28.301	199.17

#1	-.14076	.00110	.01005	-.00999	.00557	-.00138	-.00082
#2	-.14984	.00101	-.00473	-.01194	.00341	-.00221	.00028
#3	-.16190	.00090	.02007	-.01746	.00230	-.00247	-.00030

Sample Name: CCB04 Acquired: 6/12/2019 16:42:40 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8300 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00557	.0015	.00011	F 5.2792	F<.00000
Stddev	.00170	.0007	.00013	.0338	.57067
%RSD	30.568	49.27	114.34	.63959	48.973

#1	-.00605	.0018	.00024	5.3111	-1.7489
#2	-.00368	.0007	.00013	5.2827	-1.1384
#3	-.00698	.0020	-.00002	5.2438	-.60852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.7	34752.	3623.6	61.336	2512.6
Stddev	2.9	196.	20.9	.703	1.4
%RSD	.14553	.56458	.57805	1.1461	.05769

#1	1983.2	34531.	3604.7	61.167	2512.7
#2	1981.1	34820.	3646.1	62.108	2511.1
#3	1986.8	34905.	3620.0	60.733	2514.0

Sample Name: K3271-02 Acquired: 6/12/2019 16:47:09 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04114	-.02970	.51620	-.00210	-.00384	97.748	.65193	.01721
Stddev	.00277	.00020	.00196	.00548	.00128	.271	.00322	.00019
%RSD	6.7405	.68301	.37889	260.66	33.204	.27741	.49394	1.0902
#1	.04045	-.02994	.51395	-.00105	-.00521	97.884	.65218	.01742
#2	.04419	-.02959	.51741	.00277	-.00268	97.436	.64858	.01705
#3	.03877	-.02959	.51725	-.00803	-.00364	97.925	.65501	.01717
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	60.913	.17674	.11843	.33408	176.59	6.0336	36.909
Stddev	.00008	.267	.00101	.00058	.00072	.81	.0226	.231
%RSD	3.0482	.43784	.57339	.48801	.21575	.46029	.37526	.62550
#1	.00281	60.675	.17582	.11869	.33485	175.94	6.0527	36.649
#2	.00276	60.864	.17782	.11883	.33396	176.33	6.0394	36.992
#3	.00265	61.202	.17658	.11776	.33342	177.50	6.0086	37.088
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32594	-.00747	1.5360	.25447	.60952	13.023	.00207	.01976
Stddev	.00063	.00021	.0046	.00042	.00310	.003	.00032	.01240
%RSD	.19273	2.8251	.29949	.16530	.50824	.02297	15.266	62.738
#1	.32636	-.00771	1.5320	.25412	.60623	13.025	.00179	.01182
#2	.32624	-.00736	1.5350	.25436	.61239	13.019	.00201	.01341
#3	.32522	-.00734	1.5411	.25494	.60993	13.023	.00241	.03404
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3785	3.3499	.01117	2.9060	.13726	5.509	.00453	<.00000
Stddev	.0063	.0140	.00055	.0075	.00060	.005	.00174	.24685
%RSD	.46076	.41749	4.9068	.25832	.43422	.0834	38.503	6.0835
#1	1.3737	3.3652	.01106	2.9115	.13684	5.506	.00649	-3.7904
#2	1.3857	3.3465	.01069	2.9089	.13794	5.514	.00396	-4.1055
#3	1.3760	3.3379	.01176	2.8974	.13700	5.506	.00314	-4.2771

Sample Name: K3271-02 Acquired: 6/12/2019 16:47:09 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 159.47
 Stddev 1.13
 %RSD .70898

#1 158.53
 #2 159.16
 #3 160.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.8	40518.	4407.6	58.943	2232.4
Stddev	5.1	33.	16.5	1.831	6.7
%RSD	.22134	.08178	.37504	3.1061	.30109

#1	2316.3	40490.	4390.3	57.533	2239.6
#2	2309.9	40555.	4409.2	58.285	2226.2
#3	2306.2	40511.	4423.3	61.012	2231.6

Sample Name: K3281-01 Acquired: 6/12/2019 16:51:45 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04930	-.03316	.06823	-.01457	.00605	137.87	.52496	.01185
Stddev	.00061	.00056	.00112	.00465	.00113	.65	.00104	.00009
%RSD	1.2321	1.6745	1.6471	31.872	18.657	.47444	.19777	.78858
#1	.04965	-.03345	.06952	-.00955	.00568	137.39	.52386	.01181
#2	.04965	-.03252	.06747	-.01870	.00732	138.62	.52508	.01178
#3	.04860	-.03351	.06771	-.01547	.00515	137.60	.52593	.01196
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	1345.6	.20381	.04277	.16826	107.83	2.0106	62.966
Stddev	.00002	9.4	.00062	.00048	.00089	.39	.0035	.290
%RSD	2.9293	.69915	.30289	1.1292	.52940	.36418	.17321	.46009
#1	-.00055	1336.8	.20320	.04327	.16840	108.18	2.0138	62.765
#2	-.00056	1344.6	.20379	.04231	.16907	107.41	2.0111	62.835
#3	-.00053	1355.5	.20443	.04272	.16731	107.91	2.0069	63.298
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04040	-.01866	-.31715	.22246	.32378	5.3829	.00212	.34091
Stddev	.00038	.00061	.00943	.00082	.00071	.0362	.00081	.00213
%RSD	.94504	3.2478	2.9742	.37057	.21964	.67182	38.091	.62571
#1	.04078	-.01921	-.30694	.22215	.32298	5.3582	.00140	.34030
#2	.04039	-.01801	-.31897	.22183	.32402	5.4244	.00196	.33915
#3	.04002	-.01875	-.32554	.22339	.32434	5.3662	.00299	.34328
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.587	.96894	-.00116	3.9381	.06593	5.347	3.5836	3.9213
Stddev	.197	.01197	.00038	.0151	.00081	.005	.0182	.3281
%RSD	.52289	1.2350	32.931	.38246	1.2250	.1027	.50854	8.3676
#1	37.727	.96491	-.00114	3.9210	.06500	5.350	3.5670	4.0081
#2	37.362	.95951	-.00155	3.9438	.06637	5.351	3.5807	4.1973
#3	37.672	.98240	-.00079	3.9494	.06643	5.341	3.6031	3.5585

Sample Name: K3281-01 Acquired: 6/12/2019 16:51:45 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-COM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	67.979
Stddev	.590
%RSD	.86727

#1	67.333
#2	68.114
#3	68.489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.3	31793.	3789.3	54.135	1867.9
Stddev	7.0	43.	24.4	1.447	10.3
%RSD	.38096	.13494	.64343	2.6722	.55309

#1	1821.3	31748.	3780.7	54.577	1857.4
#2	1835.2	31834.	3816.8	55.308	1878.1
#3	1828.3	31796.	3770.4	52.518	1868.3

Sample Name: K3282-01 Acquired: 6/12/2019 16:56:25 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 25082-2022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04728	-.01326	.14581	-.00329	-.00162	102.00	.41223	.01514
Stddev	.00221	.00043	.00129	.00173	.00076	.61	.00345	.00025
%RSD	4.6730	3.2361	.88810	52.574	47.289	.59389	.83650	1.6687
#1	.04850	-.01313	.14724	-.00263	-.00075	102.33	.41372	.01539
#2	.04473	-.01291	.14547	-.00199	-.00220	102.37	.41469	.01488
#3	.04861	-.01374	.14471	-.00526	-.00190	101.30	.40829	.01513
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	46.279	.19738	.05567	.33226	165.10	1.4927	16.910
Stddev	.00030	.202	.00064	.00046	.00162	.31	.0031	.148
%RSD	34.750	.43712	.32199	.82527	.48899	.18577	.20786	.87730
#1	-.00052	46.304	.19799	.05585	.33120	164.98	1.4927	16.988
#2	-.00105	46.468	.19672	.05601	.33145	165.45	1.4958	17.004
#3	-.00103	46.065	.19744	.05514	.33413	164.86	1.4896	16.739
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08216	-.00555	68.294	.27240	.38327	11.835	.00621	.03494
Stddev	.00020	.00031	.391	.00059	.00091	.102	.00041	.00986
%RSD	.23880	5.6397	.57209	.21684	.23850	.86127	6.5450	28.234
#1	.08214	-.00584	68.529	.27270	.38431	11.871	.00665	.04427
#2	.08198	-.00561	68.509	.27278	.38292	11.914	.00585	.02462
#3	.08237	-.00522	67.843	.27172	.38259	11.720	.00612	.03592
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5340	1.8995	.00896	1.0450	.07375	3.549	-.06447	<.00000
Stddev	.0092	.0131	.00021	.0048	.00094	.005	.00051	.10796
%RSD	.60249	.68878	2.3990	.45853	1.2702	.1452	.78508	8.0884
#1	1.5388	1.8901	.00908	1.0438	.07447	3.551	-.06426	-1.2123
#2	1.5397	1.8939	.00871	1.0409	.07410	3.544	-.06505	-1.4161
#3	1.5233	1.9144	.00909	1.0503	.07269	3.554	-.06410	-1.3760

Sample Name: K3282-01 Acquired: 6/12/2019 16:56:25 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 25082-2022 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 134.99
Stddev .44
%RSD .32264

#1 134.58
#2 135.44
#3 134.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.9	38103.	4210.7	59.846	2214.5
Stddev	8.5	154.	17.1	1.142	7.9
%RSD	.39120	.40515	.40656	1.9074	.35606

#1	2173.1	37950.	4201.2	60.509	2207.0
#2	2182.8	38099.	4230.4	58.528	2222.7
#3	2165.8	38259.	4200.3	60.502	2213.7

Sample Name: K3283-01 Acquired: 6/12/2019 17:00:57 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200030-20003 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05522	-.02730	.19416	-.01741	-.00279	233.81	.89218	.02633
Stddev	.00318	.00061	.00227	.00252	.00115	1.23	.00171	.00036
%RSD	5.7608	2.2376	1.1716	14.494	41.277	.52626	.19166	1.3694
#1	.05154	-.02677	.19678	-.02017	-.00266	232.57	.89040	.02639
#2	.05709	-.02715	.19301	-.01682	-.00400	233.84	.89235	.02666
#3	.05702	-.02797	.19269	-.01523	-.00171	235.03	.89380	.02595
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	50.226	.27938	.09869	.34541	246.87	3.2890	18.154
Stddev	.00022	.264	.00101	.00001	.00023	1.31	.0092	.123
%RSD	8.5213	.52516	.35986	.00574	.06706	.52986	.28117	.67870
#1	.00237	49.976	.27967	.09869	.34559	245.61	3.2918	18.029
#2	.00271	50.501	.27826	.09870	.34515	248.22	3.2786	18.275
#3	.00279	50.201	.28021	.09869	.34549	246.78	3.2965	18.159
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13909	-.01271	3.4633	.51461	.55831	7.9417	-.00224	-.04140
Stddev	.00066	.00034	.0249	.00270	.00491	.0396	.00053	.00977
%RSD	.47621	2.7062	.71853	.52488	.87988	.49849	23.438	23.607
#1	.13833	-.01231	3.4445	.51549	.56387	7.9019	-.00172	-.03024
#2	.13955	-.01294	3.4915	.51158	.55646	7.9810	-.00277	-.04550
#3	.13940	-.01288	3.4538	.51676	.55458	7.9422	-.00224	-.04845
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1354	1.7540	.01629	2.0638	.10203	5.156	-.20365	<.00000
Stddev	.0081	.0302	.00029	.0134	.00053	.012	.00188	.21739
%RSD	.26003	1.7191	1.7999	.64698	.51813	.2276	.92265	3.2373
#1	3.1414	1.7717	.01656	2.0757	.10196	5.162	-.20179	-6.4693
#2	3.1388	1.7192	.01633	2.0494	.10154	5.164	-.20555	-6.8820
#3	3.1261	1.7712	.01598	2.0664	.10259	5.143	-.20362	-6.7942

Sample Name: K3283-01 Acquired: 6/12/2019 17:00:57 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200030-20003 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 249.75
Stddev	1.00
%RSD	.39857

#1	250.88
#2	249.39
#3	248.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.4	39773.	4459.5	60.719	2203.5
Stddev	16.9	161.	53.1	.490	16.6
%RSD	.72594	.40520	1.1914	.80666	.75545

#1	2307.3	39877.	4424.5	60.524	2185.9
#2	2332.4	39854.	4520.6	60.357	2205.8
#3	2339.4	39587.	4433.3	61.276	2218.9

Sample Name: K3253-01 Acquired: 6/12/2019 17:05:22 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8300 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00018	-.00185	-.00140	-.00222	.04983	.00147	.00007
Stddev	.00246	.00060	.00064	.00174	.00003	.01043	.00023	.00010
%RSD	291.81	333.80	34.795	123.82	1.2167	20.941	15.890	146.63

#1	-.00366	-.00002	-.00134	-.00227	-.00225	.06128	.00171	.00001
#2	.00092	.00085	-.00257	.00060	-.00220	.04732	.00144	.00001
#3	.00021	-.00029	-.00163	-.00254	-.00221	.04088	.00125	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.08826	.00194	.00019	.00676	.07790	.05423	.00254
Stddev	.00005	.00815	.00018	.00010	.00016	.00131	.00027	.02518
%RSD	27.784	9.2377	9.1649	51.576	2.3884	1.6870	.49520	993.33

#1	.00014	.08833	.00176	.00010	.00658	.07926	.05444	.00471
#2	.00019	.09639	.00194	.00030	.00685	.07782	.05392	.02656
#3	.00025	.08008	.00211	.00018	.00686	.07663	.05432	-.02366

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00040	.69554	-.00059	.01626	-.07273	.00006	.01052
Stddev	.00026	.00046	.02075	.00019	.00005	.00983	.00021	.00922
%RSD	12.945	115.43	2.9828	31.873	.29197	13.511	329.05	87.659

#1	.00229	-.00002	.67495	-.00078	.01631	-.07733	.00022	.00034
#2	.00186	-.00027	.69525	-.00058	.01624	-.07942	.00016	.01831
#3	.00183	-.00092	.71644	-.00041	.01622	-.06145	-.00018	.01290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10248	.01464	-.00442	.00094	-.00752	.0085	.00047	4.2810
Stddev	.00457	.00166	.00051	.00105	.00033	.0015	.00005	.3016
%RSD	4.4564	11.342	11.567	111.83	4.4338	17.40	10.027	7.0443

#1	.10774	.01273	-.00431	.00070	-.00716	.0073	.00050	4.4495
#2	.10023	.01567	-.00397	.00210	-.00782	.0081	.00041	4.4607
#3	.09948	.01553	-.00498	.00003	-.00758	.0101	.00049	3.9328

Sample Name: K3253-01 Acquired: 6/12/2019 17:05:22 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8300 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .35982
%RSD 57.898

#1 -.96928
#2 -.25074
#3 -.64441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.2	35713.	3741.1	63.417	2615.5
Stddev	8.7	129.	25.1	1.609	11.2
%RSD	.42892	.36033	.66973	2.5377	.42893

#1	2030.9	35856.	3712.2	65.217	2628.4
#2	2014.3	35675.	3756.7	62.117	2608.4
#3	2018.3	35607.	3754.5	62.917	2609.7

Sample Name: K3253-01DUP Acquired: 6/12/2019 17:09:49 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15096 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	-.00036	-.00198	-.00116	-.00228	.04223	.00097	.00006
Stddev	.00323	.00005	.00052	.00084	.00018	.00817	.00013	.00004
%RSD	400.09	14.491	26.257	72.510	7.7880	19.358	13.525	71.619

#1	.00120	-.00030	-.00253	-.00115	-.00225	.05162	.00107	.00003
#2	.00382	-.00041	-.00149	-.00200	-.00248	.03672	.00082	.00004
#3	-.00260	-.00037	-.00191	-.00032	-.00212	.03834	.00102	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.09425	.00157	.00019	.00694	.06931	.05051	-.01267
Stddev	.00006	.00269	.00021	.00013	.00063	.00040	.00022	.06497
%RSD	82.719	2.8533	13.261	67.472	9.0842	.57646	.44180	512.57

#1	.00003	.09123	.00177	.00034	.00766	.06953	.05074	-.00291
#2	.00005	.09511	.00135	.00009	.00666	.06885	.05048	-.08197
#3	.00014	.09640	.00158	.00015	.00649	.06955	.05030	.04686

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	-.00057	.65875	-.00022	.01500	-.10974	.00022	.01135
Stddev	.00006	.00028	.00388	.00037	.00003	.01206	.00008	.00636
%RSD	3.1439	48.258	.58866	167.19	.22263	10.987	36.586	56.076

#1	.00197	-.00034	.66134	-.00025	.01496	-.09835	.00027	.01826
#2	.00186	-.00050	.66062	.00016	.01503	-.10850	.00027	.01007
#3	.00197	-.00088	.65429	-.00058	.01500	-.12237	.00013	.00572

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09762	.01411	-.00474	.00016	-.00858	.0084	.00037	4.5795
Stddev	.00151	.00227	.00027	.00139	.00077	.0010	.00004	.1925
%RSD	1.5459	16.092	5.7360	890.65	8.9135	11.60	9.7128	4.2032

#1	.09743	.01195	-.00468	.00125	-.00835	.0074	.00036	4.7380
#2	.09922	.01389	-.00504	.00062	-.00944	.0094	.00034	4.6351
#3	.09622	.01647	-.00451	-.00140	-.00796	.0085	.00041	4.3653

Sample Name: K3253-01DUP Acquired: 6/12/2019 17:09:49 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15096 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .68826
 %RSD 133.85

#1 -1.0787
 #2 .25250
 #3 -.71636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.1	35707.	3738.1	63.017	2601.3
Stddev	1.4	167.	18.1	1.844	2.3
%RSD	.07063	.46629	.48378	2.9269	.08845

#1	2009.5	35553.	3749.2	62.783	2601.9
#2	2011.8	35684.	3717.2	61.300	2598.8
#3	2012.0	35883.	3747.8	64.967	2603.2

Sample Name: K3253-01LX5 Acquired: 6/12/2019 17:14:16 Type: Unk
Method: P4-ICP2(v3196) 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	.00208	-.00077	-.00087	-.00056	-.00096	.01073	.00094	.00012
Stddev	.00193	.00051	.00064	.00238	.00205	.00676	.00074	.00004
%RSD	92.852	67.169	72.880	422.75	212.64	63.005	79.025	36.291

#1	.00045	-.00018	-.00084	-.00318	.00130	.00483	.00156	.00012
#2	.00422	-.00112	-.00025	.00000	-.00269	.00925	.00113	.00016
#3	.00157	-.00100	-.00152	.00149	-.00150	.01811	.00012	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.02173	.00092	.00015	.00077	.01297	.00037	.02012
Stddev	.00005	.00997	.00053	.00006	.00010	.00008	.00005	.01216
%RSD	51.413	45.898	57.510	41.875	13.253	.64517	12.933	60.438

#1	.00012	.01044	.00079	.00008	.00066	.01289	.00031	.03400
#2	.00015	.02540	.00150	.00016	.00086	.01306	.00039	.01134
#3	.00005	.02934	.00047	.00020	.00078	.01296	.00039	.01502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00069	-.52937	-.00044	.00275	-.13603	.00028	.01252
Stddev	.00041	.00034	.01281	.00028	.00005	.05215	.00010	.00903
%RSD	51.956	49.367	2.4200	63.700	1.6415	38.336	34.750	72.110

#1	.00097	-.00085	-.52422	-.00017	.00280	-.15166	.00018	.02242
#2	.00032	-.00030	-.54395	-.00073	.00273	-.07786	.00038	.01039
#3	.00107	-.00092	-.51994	-.00042	.00272	-.17858	.00027	.00474

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01207	.00432	-.00383	.00077	-.00574	.0034	.00008	5.2158
Stddev	.00086	.00231	.00029	.00166	.00179	.0011	.00004	.1153
%RSD	7.1641	53.398	7.5809	214.62	31.226	33.10	44.262	2.2111

#1	-.01243	.00682	-.00398	.00242	-.00464	.0045	.00010	5.1618
#2	-.01269	.00388	-.00402	.00081	-.00781	.0036	.00010	5.1374
#3	-.01108	.00227	-.00350	-.00090	-.00477	.0022	.00004	5.3483

Sample Name: K3253-01LX5 Acquired: 6/12/2019 17:14:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .23159
%RSD 36.791

#1 -.52250
#2 -.89523
#3 -.47073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.3	34815.	3644.1	61.522	2528.2
Stddev	7.9	109.	17.0	1.614	7.1
%RSD	.39606	.31370	.46748	2.6228	.27963

#1	1980.4	34693.	3661.3	61.592	2526.7
#2	1979.3	34849.	3627.2	59.875	2522.0
#3	1993.4	34903.	3643.9	63.100	2535.9

Sample Name: K3253-01MS Acquired: 6/12/2019 17:18:44 Type: Unk
Method: P4-ICP2(v3196) 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	.82573	2.1248	1.0297	2.1124	.84826	2.2091	.21931	.21768
Stddev	.00387	.0021	.0018	.0055	.00226	.0168	.00200	.00053
%RSD	.46820	.09987	.17747	.25972	.26616	.75965	.91216	.24132

#1	.82225	2.1273	1.0313	2.1187	.84778	2.2000	.21840	.21708
#2	.82989	2.1239	1.0277	2.1090	.84628	2.1988	.21793	.21806
#3	.82505	2.1234	1.0302	2.1094	.85072	2.2285	.22160	.21789

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20075	1.6860	.44267	.20907	.36319	3.3951	.23048	2.1763
Stddev	.00046	.0117	.00196	.00021	.00091	.0069	.00051	.0469
%RSD	.23030	.69349	.44174	.09975	.25002	.20392	.21980	2.1560

#1	.20028	1.6771	.44272	.20898	.36381	3.3883	.23009	2.1272
#2	.20120	1.6817	.44069	.20931	.36361	3.3949	.23030	2.2207
#3	.20076	1.6992	.44461	.20893	.36215	3.4022	.23106	2.1811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52658	.07868	2.5474	.33479	.21658	10.906	.43322	.33347
Stddev	.00061	.00048	.0228	.00034	.00008	.059	.00149	.01187
%RSD	.11538	.61557	.89378	.10266	.03764	.54119	.34304	3.5587

#1	.52632	.07924	2.5318	.33439	.21650	10.857	.43190	.31985
#2	.52727	.07843	2.5368	.33501	.21657	10.891	.43293	.34162
#3	.52614	.07838	2.5735	.33497	.21666	10.972	.43483	.33892

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02429	.95901	.70160	.21732	.21995	5.850	.22548	5.5545
Stddev	.00321	.00930	.00382	.00154	.00080	.012	.00051	.0777
%RSD	13.206	.96927	.54493	.70849	.36487	.2067	.22632	1.3983

#1	-.02076	.95636	.70204	.21905	.21930	5.850	.22489	5.4824
#2	-.02703	.96934	.69758	.21610	.21971	5.839	.22581	5.6367
#3	-.02508	.95133	.70519	.21681	.22085	5.863	.22574	5.5444

Sample Name: K3253-01MS Acquired: 6/12/2019 17:18:44 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8060
Stddev .3313
%RSD 6.8932

#1 5.1818
#2 4.5564
#3 4.6798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.1	35199.	3670.3	64.042	2536.0
Stddev	1.8	107.	22.9	1.645	2.5
%RSD	.08906	.30338	.62463	2.5693	.09917

#1	1994.2	35315.	3668.5	62.142	2538.3
#2	1996.2	35177.	3648.4	64.992	2533.3
#3	1997.8	35105.	3694.1	64.992	2536.3

Sample Name: K3253-01MSD Acquired: 6/12/2019 17:22:51 Type: Unk
Method: P4-ICP2(v3196) 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	.82334	2.1139	1.0273	2.1125	.84701	2.2007	.21924	.21706
Stddev	.00593	.0052	.0017	.0043	.00269	.0185	.00141	.00042
%RSD	.72004	.24514	.16312	.20487	.31717	.84190	.64172	.19557
#1	.82278	2.1183	1.0273	2.1138	.85011	2.2085	.22052	.21755
#2	.81772	2.1082	1.0256	2.1077	.84536	2.2140	.21947	.21676
#3	.82953	2.1153	1.0290	2.1161	.84557	2.1795	.21773	.21688
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20014	1.6707	.44020	.20799	.36191	3.3808	.22872	2.0953
Stddev	.00015	.0125	.00072	.00014	.00057	.0095	.00050	.0770
%RSD	.07601	.75050	.16375	.06791	.15801	.28239	.22071	3.6753
#1	.20024	1.6628	.43939	.20786	.36236	3.3917	.22814	2.1775
#2	.19997	1.6851	.44042	.20798	.36210	3.3741	.22907	2.0834
#3	.20022	1.6641	.44078	.20814	.36127	3.3764	.22895	2.0249
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52326	.07836	2.5474	.33298	.21616	10.860	.43373	.33041
Stddev	.00100	.00054	.0255	.00062	.00037	.046	.00045	.00261
%RSD	.19125	.69261	1.0025	.18563	.17243	.42758	.10439	.79133
#1	.52429	.07781	2.5759	.33367	.21658	10.914	.43388	.33139
#2	.52321	.07890	2.5398	.33281	.21603	10.831	.43409	.33240
#3	.52229	.07837	2.5265	.33247	.21586	10.836	.43322	.32745
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02177	.95030	.70336	.21574	.21687	5.841	.22525	5.2678
Stddev	.00242	.01388	.00154	.00354	.00032	.006	.00122	.4777
%RSD	11.108	1.4606	.21960	1.6412	.14958	.1059	.54193	9.0673
#1	-.01898	.93642	.70446	.21259	.21651	5.848	.22407	4.7298
#2	-.02325	.95032	.70159	.21507	.21715	5.837	.22517	5.6419
#3	-.02309	.96418	.70402	.21957	.21694	5.839	.22651	5.4318

Sample Name: K3253-01MSD Acquired: 6/12/2019 17:22:51 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5482
Stddev	.1653
%RSD	3.6350

#1	4.3602
#2	4.6136
#3	4.6708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.0	35185.	3679.9	62.381	2541.9
Stddev	9.8	110.	22.9	1.472	14.1
%RSD	.48997	.31340	.62298	2.3598	.55282

#1	1987.4	35082.	3704.4	61.650	2531.0
#2	2006.7	35170.	3676.3	61.417	2557.8
#3	1994.0	35302.	3659.0	64.075	2537.0

Sample Name: K3253-01A Acquired: 6/12/2019 17:26:59 Type: Unk
Method: P4-ICP2(v3196) 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	.79567	2.0550	.99116	2.0328	.82809	2.1211	.21280	.20937
Stddev	.00457	.0055	.00247	.0070	.00428	.0146	.00040	.00058
%RSD	.57393	.26786	.24920	.34502	.51740	.68620	.18859	.27494

#1	.79770	2.0503	.98832	2.0248	.82596	2.1142	.21249	.20874
#2	.79886	2.0535	.99283	2.0380	.83302	2.1379	.21325	.20950
#3	.79044	2.0611	.99234	2.0355	.82528	2.1113	.21265	.20987

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19316	1.6283	.42474	.20079	.35078	3.2668	.22249	2.1061
Stddev	.00012	.0140	.00092	.00046	.00034	.0062	.00082	.0362
%RSD	.06186	.86219	.21587	.23145	.09602	.19088	.36952	1.7162

#1	.19318	1.6237	.42474	.20057	.35098	3.2660	.22160	2.1246
#2	.19327	1.6171	.42565	.20048	.35039	3.2610	.22323	2.1293
#3	.19304	1.6440	.42382	.20133	.35097	3.2734	.22263	2.0645

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50696	.07559	2.4507	.32182	.20898	10.499	.42313	.32863
Stddev	.00189	.00008	.0208	.00149	.00038	.023	.00029	.01228
%RSD	.37338	.10421	.84734	.46443	.18114	.22318	.06788	3.7365

#1	.50478	.07563	2.4384	.32342	.20868	10.524	.42313	.34251
#2	.50816	.07563	2.4747	.32046	.20941	10.494	.42342	.31917
#3	.50795	.07549	2.4390	.32158	.20887	10.478	.42285	.32421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02150	.92830	.68517	.21001	.21167	5.638	.21798	5.6595
Stddev	.00192	.00235	.00114	.00174	.00206	.010	.00129	.3385
%RSD	8.9440	.25332	.16569	.83008	.97213	.1741	.59184	5.9811

#1	-.02261	.92998	.68642	.21201	.20932	5.640	.21713	5.3140
#2	-.01928	.92932	.68488	.20888	.21316	5.648	.21946	5.6738
#3	-.02261	.92561	.68420	.20912	.21253	5.628	.21734	5.9906

Sample Name: K3253-01A Acquired: 6/12/2019 17:26:59 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.8214
 Stddev .5304
 %RSD 11.002

#1 4.8989
 #2 4.2565
 #3 5.3089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.6	35132.	3666.8	62.692	2542.4
Stddev	12.9	50.	8.3	.832	15.6
%RSD	.64794	.14325	.22515	1.3267	.61322

#1	1990.3	35082.	3659.7	63.558	2534.8
#2	1986.1	35182.	3675.9	61.900	2532.0
#3	2010.3	35133.	3664.8	62.617	2560.3

Sample Name: CCV05 Acquired: 6/12/2019 17:31:06 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9803	4.9573	4.9403	4.9635	5.0041	10.204	10.096	.25222
Stddev	.0230	.0063	.0019	.0104	.0090	.060	.047	.00095
%RSD	.46151	.12767	.03934	.20931	.17998	.59116	.46338	.37581
#1	4.9912	4.9578	4.9401	4.9696	5.0142	10.165	10.099	.25129
#2	4.9959	4.9634	4.9423	4.9515	5.0013	10.174	10.048	.25220
#3	4.9539	4.9508	4.9385	4.9695	4.9968	10.274	10.141	.25318
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4515	25.132	.99286	2.4627	1.2726	5.0131	2.5669	24.994
Stddev	.0035	.113	.00145	.0027	.0017	.0073	.0046	.202
%RSD	.14274	.44987	.14574	.11096	.13064	.14506	.17811	.80789
#1	2.4475	25.106	.99204	2.4604	1.2744	5.0054	2.5617	24.912
#2	2.4535	25.035	.99200	2.4657	1.2711	5.0139	2.5695	24.845
#3	2.4536	25.256	.99453	2.4620	1.2724	5.0199	2.5696	25.223
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	1.2428	24.778	2.5444	2.4605	25.258	5.0375	5.0736
Stddev	.0071	.0019	.122	.0070	.0050	.102	.0046	.0238
%RSD	.28710	.15228	.49162	.27696	.20408	.40493	.09125	.46968
#1	2.4588	1.2406	24.811	2.5364	2.4556	25.308	5.0418	5.0527
#2	2.4706	1.2439	24.643	2.5498	2.4657	25.140	5.0381	5.0687
#3	2.4714	1.2439	24.880	2.5469	2.4603	25.325	5.0326	5.0996
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9407	4.8786	4.9249	4.9854	5.0235	4.979	5.0261	F 7.7954
Stddev	.0109	.0215	.0083	.0183	.0049	.013	.0042	.2444
%RSD	.22095	.44000	.16874	.36643	.09793	.2515	.08390	3.1357
#1	4.9468	4.8706	4.9235	4.9643	5.0273	4.967	5.0213	7.5260
#2	4.9472	4.9029	4.9173	4.9966	5.0253	4.992	5.0283	7.8571
#3	4.9281	4.8623	4.9338	4.9952	5.0179	4.977	5.0288	8.0031

Sample Name: CCV05 Acquired: 6/12/2019 17:31:06 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2470
Stddev	.8222
%RSD	65.934

#1	2.0803
#2	1.2243
#3	.43635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.8	33092.	3583.9	56.690	2224.2
Stddev	5.8	99.	5.6	.428	4.3
%RSD	.30831	.29998	.15596	.75423	.19181

#1	1885.3	33101.	3587.9	56.786	2223.4
#2	1887.7	33187.	3577.5	56.222	2220.4
#3	1896.4	32989.	3586.3	57.061	2228.8

Sample Name: CCB05 Acquired: 6/12/2019 17:35:05 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00118	.00050	-.00059	-.00142	-.01004	.00101
Stddev	.00308	.00003	.00136	.00147	.00211	.00556	.00021
%RSD	469.86	2.3471	271.81	248.43	148.53	55.385	20.834

#1	.00360	.00121	-.00042	.00039	-.00224	-.01644	.00119
#2	-.00255	.00115	-.00013	.00012	-.00301	-.00643	.00078
#3	.00092	.00118	.00206	-.00229	.00098	-.00725	.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00010	-.00495	.00044	.00006	-.00045	-.00025
Stddev	.00002	.00004	.01455	.00022	.00008	.00012	.00035
%RSD	37.564	38.465	293.77	49.641	121.47	26.039	139.81

#1	.00007	.00011	-.01146	.00043	.00004	-.00058	-.00025
#2	.00003	.00013	.01171	.00066	.00015	-.00036	.00010
#3	.00005	.00006	-.01511	.00022	.00000	-.00040	-.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01061	.00001	-.00027	-.82334	-.00029	-.00019
Stddev	.00006	.00747	.00010	.00029	.00785	.00005	.00005
%RSD	72.746	70.368	756.38	106.88	.95318	19.214	27.109

#1	.00014	-.00214	.00001	-.00009	-.82909	-.00030	-.00016
#2	.00003	-.01347	-.00009	-.00060	-.82653	-.00033	-.00025
#3	.00007	-.01622	.00012	-.00011	-.81440	-.00023	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12943	.00114	.02374	F -.02099	.00170	-.00203	.00090
Stddev	.01272	.00056	.01500	.00417	.00287	.00045	.00067
%RSD	9.8303	49.125	63.165	19.882	168.97	22.117	74.585

#1	-.12296	.00173	.04104	-.01980	.00379	-.00254	.00042
#2	-.14409	.00062	.01585	-.02562	.00288	-.00180	.00061
#3	-.12125	.00107	.01434	-.01754	-.00157	-.00174	.00167

Sample Name: CCB05 Acquired: 6/12/2019 17:35:05 Type: Unk
 Method: P4-ICP2(v3196) 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	-.00421	.0019	.00015	F 5.3521	F<.00000
Stddev	.00120	.0007	.00014	.3530	.61031
%RSD	28.573	33.79	91.229	6.5960	65.162
#1	-.00384	.0017	.00029	5.6745	-.61064
#2	-.00555	.0014	.00013	4.9749	-1.6407
#3	-.00323	.0027	.00002	5.4070	-.55848
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.8	34845.	3618.7	61.197	2529.2
Stddev	3.6	54.	13.4	1.785	3.8
%RSD	.18193	.15532	.37003	2.9176	.14993
#1	1984.7	34834.	3615.6	59.558	2526.8
#2	1984.7	34797.	3607.1	60.933	2527.3
#3	1990.9	34903.	3633.4	63.100	2533.6

Sample Name: K3254-01 Acquired: 6/12/2019 17:44:04 Type: Unk
Method: P4-ICP2(v3196) 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	.00161	.00135	.00520	-.00231	-.00142	.00778	.00360	.00010
Stddev	.00089	.00089	.00057	.00137	.00082	.00888	.00041	.00007
%RSD	55.181	65.803	11.035	59.016	57.680	114.15	11.453	74.185

#1	.00131	.00195	.00582	-.00354	-.00179	.01078	.00394	.00016
#2	.00260	.00177	.00512	-.00256	-.00048	-.00221	.00314	.00012
#3	.00090	.00033	.00468	-.00084	-.00200	.01478	.00373	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.15360	.00023	.00041	.04440	.22569	.00499	.04077
Stddev	.00002	.01537	.00003	.00004	.00036	.00178	.00004	.05097
%RSD	13.168	10.004	13.287	8.8273	.80648	.79014	.77491	125.01

#1	.00017	.16017	.00024	.00044	.04462	.22745	.00496	.01738
#2	.00016	.13604	.00020	.00042	.04460	.22573	.00497	.00570
#3	.00020	.16459	.00026	.00037	.04399	.22389	.00503	.09924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04826	-.00055	-.80904	-.00034	.11784	-.16506	.00027	.01162
Stddev	.00018	.00011	.00489	.00018	.00033	.01103	.00019	.00546
%RSD	.38105	19.512	.60438	52.032	.28126	6.6820	71.059	47.029

#1	.04845	-.00043	-.80339	-.00042	.11761	-.16685	.00040	.01688
#2	.04825	-.00065	-.81177	-.00046	.11822	-.17508	.00005	.00597
#3	.04808	-.00057	-.81196	-.00014	.11768	-.15324	.00035	.01200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01357	.00999	-.00419	.00131	-.00737	.0067	.00009	3.6971
Stddev	.00354	.00180	.00072	.00134	.00159	.0003	.00008	.3682
%RSD	26.083	18.032	17.223	102.25	21.573	4.558	84.077	9.9580

#1	-.01031	.01207	-.00469	.00028	-.00734	.0065	.00018	3.7325
#2	-.01307	.00882	-.00336	.00282	-.00898	.0066	.00003	3.3125
#3	-.01733	.00909	-.00451	.00082	-.00580	.0071	.00007	4.0463

Sample Name: K3254-01 Acquired: 6/12/2019 17:44:04 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .73752
%RSD 106.72

#1 -.01574
#2 -1.4780
#3 -.57943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.9	35825.	3744.0	63.339	2608.3
Stddev	3.8	16.	20.3	.847	2.3
%RSD	.18646	.04505	.54116	1.3375	.08957

#1	2025.8	35815.	3735.2	63.450	2610.2
#2	2018.7	35844.	3767.2	64.125	2605.7
#3	2024.3	35817.	3729.6	62.442	2609.1

Sample Name: K3265-13 Acquired: 6/12/2019 17:48:32 Type: Unk
Method: P4-ICP2(v3196) 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	.01962	-.00682	.13670	-.00391	.00455	.75649	1.1473	-.00040
Stddev	.00255	.00236	.00295	.00312	.00214	.03588	.0280	.00005
%RSD	12.992	34.597	2.1552	79.883	46.974	4.7429	2.4397	11.700
#1	.01772	-.00915	.13979	-.00030	.00208	.71626	1.1154	-.00045
#2	.02252	-.00686	.13638	-.00567	.00581	.76807	1.1679	-.00035
#3	.01864	-.00444	.13392	-.00576	.00575	.78516	1.1586	-.00040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	799.02	-.01048	.02725	.01936	1.5697	9.4055	658.08
Stddev	.00035	17.36	.00051	.00086	.00058	.0097	.0081	16.26
%RSD	12.624	2.1732	4.8786	3.1644	3.0151	.61950	.08654	2.4713
#1	-.00318	778.98	-.01086	.02679	.01979	1.5720	9.4042	639.62
#2	-.00250	808.64	-.00990	.02672	.01959	1.5590	9.3981	664.34
#3	-.00270	809.46	-.01068	.02825	.01869	1.5780	9.4142	670.29
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17506	-.00390	F 6129.2	-.03503	.17314	479.24	.02607	.71740
Stddev	.00249	.00054	167.8	.00068	.00215	32.53	.00091	.01658
%RSD	1.4229	13.898	2.7373	1.9526	1.2428	6.7879	3.4932	2.3116
#1	.17672	-.00423	6321.9	-.03538	.17524	443.00	.02701	.71657
#2	.17220	-.00419	6050.4	-.03424	.17094	488.80	.02520	.73439
#3	.17627	-.00327	6015.4	-.03546	.17325	505.91	.02599	.70125
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1094.5	F 16.413	-.40815	.00949	.66588	.1769	6.2018	21.087
Stddev	10.2	.072	.00072	.00121	.00896	.0035	.0687	.159
%RSD	.93514	.43589	.17518	12.786	1.3449	1.992	1.1076	.75408
#1	1105.0	16.385	-.40885	.01071	.65608	.1728	6.1265	20.940
#2	1084.5	16.359	-.40819	.00946	.67365	.1789	6.2611	21.256
#3	1093.9	16.494	-.40742	.00829	.66790	.1789	6.2177	21.066

Sample Name: K3265-13 Acquired: 6/12/2019 17:48:32 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1876
Stddev	.7568
%RSD	34.593

#1	1.5437
#2	3.0212
#3	1.9981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.69	14475.	2497.4	37.193	798.70
Stddev	7.37	230.	12.7	1.640	9.94
%RSD	.91584	1.5898	.50978	4.4087	1.2450

#1	796.23	14732.	2506.6	38.029	788.34
#2	809.69	14289.	2482.9	35.304	808.17
#3	808.16	14403.	2502.7	38.246	799.57

Sample Name: K3279-10 Acquired: 6/12/2019 17:57:06 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	-.00067	.03121	.00772	-.00152	4.5716	.04947	.00027
Stddev	.00151	.00098	.00049	.00285	.00049	.0635	.00035	.00002
%RSD	109.05	146.83	1.5810	36.929	32.253	1.3884	.71140	7.4427
#1	.00097	-.00043	.03094	.01008	-.00164	4.6346	.04984	.00029
#2	.00306	.00017	.03092	.00853	-.00193	4.5076	.04915	.00025
#3	.00013	-.00175	.03178	.00455	-.00098	4.5726	.04942	.00026
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01409	30.969	.01644	.00120	.00509	2.2002	.01780	4.1527
Stddev	.00007	.081	.00042	.00020	.00036	.0070	.00017	.0664
%RSD	.52231	.26066	2.5400	16.991	7.0516	.31993	.95084	1.5998
#1	.01405	30.900	.01628	.00141	.00533	2.2078	.01760	4.1873
#2	.01417	30.949	.01691	.00118	.00467	2.1990	.01790	4.0761
#3	.01405	31.057	.01613	.00101	.00525	2.1939	.01790	4.1947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	-.00054	63.290	.00669	.01862	6.7426	.00070	.12667
Stddev	.00029	.00009	.742	.00065	.00009	.0324	.00020	.01801
%RSD	4.7868	16.920	1.1728	9.7196	.50047	.47995	28.162	14.219
#1	.00635	-.00065	64.031	.00693	.01852	6.7657	.00088	.14457
#2	.00593	-.00047	62.546	.00718	.01862	6.7056	.00073	.12689
#3	.00580	-.00052	63.292	.00595	.01871	6.7565	.00049	.10855
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.519	9.7153	-.01405	.10683	.01006	.1368	.17672	7.3998
Stddev	.213	.0339	.00056	.00228	.00199	.0001	.00065	.2598
%RSD	.69859	.34921	3.9896	2.1295	19.778	.0391	.37014	3.5105
#1	30.662	9.7513	-.01469	.10435	.00803	.1369	.17640	7.5611
#2	30.274	9.7107	-.01373	.10883	.01201	.1369	.17629	7.1001
#3	30.622	9.6839	-.01371	.10732	.01014	.1368	.17747	7.5382

Sample Name: K3279-10 Acquired: 6/12/2019 17:57:06 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.20423
%RSD	13540.

#1	.17078
#2	.05179
#3	-.22710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.1	33372.	3564.9	59.352	2357.7
Stddev	10.3	117.	10.6	1.053	13.8
%RSD	.53719	.35053	.29624	1.7747	.58510

#1	1907.9	33250.	3555.8	58.136	2347.0
#2	1927.6	33383.	3562.4	59.962	2373.2
#3	1912.7	33483.	3576.4	59.958	2352.7

Sample Name: K3279-10DUP Acquired: 6/12/2019 18:01:30 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00127	.01498	-.00050	-.00072	.13755	.06864
Stddev	.00134	.00156	.00036	.00345	.00128	.01777	.00071
%RSD	105.92	122.45	2.4071	689.11	179.38	12.918	1.0407

#1	-.00142	-.00180	.01506	-.00446	.00043	.14958	.06849
#2	.00015	-.00251	.01530	.00181	-.00048	.14592	.06941
#3	-.00252	.00048	.01459	.00115	-.00210	.11714	.06801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00017	15.906	.00996	.00063	.00098	.13353
Stddev	.00005	.00004	.028	.00018	.00002	.00041	.00075
%RSD	68.771	26.469	.17859	1.8369	3.5930	41.617	.56000

#1	.00002	.00012	15.877	.00991	.00063	.00129	.13426
#2	.00009	.00021	15.933	.01016	.00061	.00052	.13356
#3	.00011	.00016	15.909	.00981	.00065	.00112	.13277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	3.2457	.00353	-.00043	105.55	.00036	.01542
Stddev	.00002	.0545	.00034	.00053	.41	.00040	.00009
%RSD	.69681	1.6784	9.6681	122.43	.39165	111.31	.61508

#1	.00288	3.2980	.00322	-.00004	105.91	.00003	.01534
#2	.00284	3.2499	.00389	-.00104	105.64	.00081	.01541
#3	.00286	3.1893	.00348	-.00022	105.10	.00024	.01552

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7234	.00008	.05411	F 18.302	4.9632	-.00970	.00514
Stddev	.0423	.00016	.01186	.104	.0178	.00023	.00062
%RSD	.89643	210.57	21.910	.56559	.35857	2.3626	12.040

#1	4.7664	.00024	.05058	18.406	4.9744	-.00978	.00485
#2	4.6817	.00009	.04441	18.199	4.9427	-.00944	.00585
#3	4.7219	-.00009	.06733	18.299	4.9726	-.00987	.00472

Sample Name: K3279-10DUP Acquired: 6/12/2019 18:01:30 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.0074	.09544	7.2092	F<.00000
Stddev	.00091	.0012	.00021	.4471	.61513
%RSD	30.682	16.22	.21941	6.2024	43.830

#1	.00192	.0084	.09530	6.6931	-.95426
#2	.00345	.0061	.09568	7.4553	-1.1515
#3	.00355	.0076	.09534	7.4793	-2.1045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.7	33043.	3579.9	59.538	2339.7
Stddev	5.1	135.	8.5	.301	5.6
%RSD	.26971	.40737	.23659	.50532	.23996

#1	1897.2	32949.	3572.8	59.833	2341.1
#2	1898.1	32984.	3577.6	59.550	2344.5
#3	1888.8	33197.	3589.3	59.232	2333.5

Sample Name: K3279-10LX5 Acquired: 6/12/2019 18:05:55 Type: Unk
Method: P4-ICP2(v3196) 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	-.00156	-.00048	.01646	.00129	-.00090	.09342	.13540
Stddev	.00230	.00032	.00107	.00144	.00089	.01791	.00038
%RSD	147.55	67.833	6.5039	112.14	98.717	19.167	.28428

#1	-.00234	-.00061	.01723	.00197	-.00113	.10063	.13498
#2	-.00337	-.00011	.01690	.00226	-.00166	.10660	.13546
#3	.00103	-.00072	.01523	-.00037	.00008	.07303	.13575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.01103	46.785	.00960	.00024	.00163	.14351
Stddev	.00002	.00016	.190	.00039	.00006	.00006	.00019
%RSD	29.930	1.4760	.40516	4.0282	25.486	3.5945	.13559

#1	.00007	.01091	46.652	.00920	.00017	.00168	.14371
#2	.00010	.01122	46.702	.00997	.00028	.00156	.14350
#3	.00005	.01096	47.002	.00963	.00027	.00163	.14332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00417	10.555	-.00154	-.00075	135.87	.00116	.01916
Stddev	.00004	.153	.00037	.00057	.66	.00015	.00021
%RSD	.98514	1.4516	23.959	75.626	.48316	12.509	1.0714

#1	.00414	10.628	-.00193	-.00045	136.24	.00133	.01894
#2	.00422	10.379	-.00150	-.00040	135.11	.00109	.01935
#3	.00416	10.659	-.00120	-.00140	136.25	.00106	.01920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2788	.00010	.08645	7.8570	4.9968	-.00556	.00292
Stddev	.0116	.00019	.01429	.0044	.0103	.00089	.00156
%RSD	.13952	197.07	16.526	.05621	.20583	16.095	53.389

#1	8.2853	-.00010	.07795	7.8600	5.0021	-.00494	.00321
#2	8.2654	.00029	.07845	7.8591	4.9850	-.00515	.00123
#3	8.2855	.00010	.10294	7.8520	5.0034	-.00658	.00431

Sample Name: K3279-10LX5 Acquired: 6/12/2019 18:05:55 Type: Unk
Method: P4-ICP2(v3196) 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	.00258	.0043	.32791	8.3230	F<.00000
Stddev	.00041	.0012	.00035	.2166	.46673
%RSD	15.703	27.66	.10793	2.6027	23.461

#1	.00281	.0047	.32754	8.4341	-2.5276
#2	.00282	.0030	.32795	8.4615	-1.7439
#3	.00211	.0053	.32825	8.0733	-1.6966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.1	32218.	3486.7	58.528	2249.1
Stddev	3.7	198.	20.9	2.152	3.8
%RSD	.19739	.61565	.60038	3.6772	.16764

#1	1847.2	32017.	3462.6	56.790	2247.0
#2	1848.9	32413.	3496.5	60.935	2246.8
#3	1854.2	32224.	3500.9	57.857	2253.4

Sample Name: K3279-10MS Acquired: 6/12/2019 18:10:20 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00059	.01335	.00171	.00075	.07590	.02933
Stddev	.00252	.00084	.00097	.00174	.00031	.00332	.00030
%RSD	104.41	142.87	7.2487	101.93	41.767	4.3728	1.0395

#1	.00216	-.00057	.01224	.00364	.00111	.07891	.02899
#2	.00003	.00024	.01378	.00025	.00053	.07645	.02957
#3	.00504	-.00144	.01403	.00124	.00062	.07234	.02943

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00267	17.187	.01449	-.00015	.00591	.04139
Stddev	.00001	.00013	.104	.00051	.00021	.00018	.00010
%RSD	23.290	5.0394	.60239	3.5387	135.15	3.0919	.24423

#1	.00007	.00274	17.123	.01457	-.00019	.00587	.04149
#2	.00008	.00251	17.132	.01395	-.00034	.00611	.04137
#3	.00005	.00274	17.307	.01496	.00007	.00575	.04130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	2.9611	.00028	-.00039	31.443	.00099	.02986
Stddev	.00004	.0078	.00017	.00050	.096	.00003	.00006
%RSD	2.6362	.26203	60.350	128.42	.30603	3.1319	.18650

#1	.00147	2.9555	.00009	-.00007	31.384	.00097	.02987
#2	.00150	2.9700	.00042	-.00013	31.392	.00103	.02980
#3	.00143	2.9579	.00032	-.00096	31.554	.00097	.02991

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5192	.00044	.01793	2.4724	4.5293	-.00424	.00153
Stddev	.0377	.00019	.02290	.0187	.0159	.00040	.00079
%RSD	1.4961	44.028	127.77	.75437	.35083	9.4140	51.702

#1	2.4758	.00065	-.00843	2.4678	4.5469	-.00396	.00183
#2	2.5435	.00038	.02924	2.4565	4.5247	-.00407	.00063
#3	2.5384	.00028	.03297	2.4929	4.5162	-.00470	.00212

Sample Name: K3279-10MS Acquired: 6/12/2019 18:10:20 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01356	.0355	1.0858	7.0900	F<.00000
Stddev	.00144	.0017	.0015	.0134	.53446
%RSD	10.652	4.863	.14000	.18828	33.619
#1	.01298	.0337	1.0841	7.0891	-1.4292
#2	.01249	.0356	1.0870	7.0771	-1.1539
#3	.01520	.0372	1.0864	7.1038	-2.1861
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.8	33580.	3518.0	59.338	2407.3
Stddev	4.7	31.	10.8	.926	8.8
%RSD	.24690	.09330	.30706	1.5610	.36393
#1	1915.1	33576.	3509.0	59.502	2399.9
#2	1924.1	33613.	3515.1	60.170	2416.9
#3	1917.2	33551.	3530.0	58.340	2405.0

Sample Name: K3279-10MSD Acquired: 6/12/2019 18:14:45 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	-.00161	.02328	.00103	-.00123	.35961	.06521	.00008
Stddev	.00195	.00156	.00144	.00289	.00172	.01913	.00045	.00005
%RSD	129.83	96.893	6.1991	280.55	139.95	5.3188	.69114	54.349

#1	-.00320	-.00209	.02436	.00314	-.00302	.33769	.06532	.00011
#2	-.00194	-.00288	.02384	-.00226	-.00108	.37293	.06472	.00003
#3	.00063	.00013	.02164	.00221	.00041	.36820	.06560	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	34.042	.00948	.00036	.00470	.61775	.01250	1.5476
Stddev	.00010	.168	.00013	.00008	.00045	.00142	.00011	.0877
%RSD	75.291	.49301	1.3270	21.514	9.4681	.22969	.87283	5.6673

#1	-.00002	33.922	.00934	.00031	.00438	.61827	.01256	1.5492
#2	-.00016	33.971	.00958	.00032	.00452	.61884	.01255	1.4591
#3	-.00020	34.234	.00952	.00045	.00521	.61615	.01237	1.6345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00118	14.381	.00340	.06915	1.7540	.00043	.06452
Stddev	.00021	.00031	.032	.00015	.00015	.0264	.00020	.00418
%RSD	27.276	26.157	.21902	4.4157	.21831	1.5032	46.448	6.4753

#1	.00067	-.00090	14.411	.00355	.06930	1.7253	.00059	.06737
#2	.00099	-.00151	14.348	.00339	.06900	1.7597	.00050	.05973
#3	.00061	-.00113	14.385	.00325	.06916	1.7771	.00021	.06646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0645	6.9145	.03302	.01747	.01229	.0322	1.7541	6.7765
Stddev	.0112	.0169	.00159	.00203	.00181	.0015	.0027	.2949
%RSD	.36550	.24470	4.8128	11.641	14.720	4.666	.15226	4.3526

#1	3.0685	6.9052	.03359	.01751	.01041	.0324	1.7559	6.9098
#2	3.0518	6.9341	.03122	.01541	.01244	.0307	1.7554	6.4384
#3	3.0732	6.9044	.03424	.01948	.01401	.0337	1.7510	6.9813

Sample Name: K3279-10MSD Acquired: 6/12/2019 18:14:45 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BPS1-TT-MW30 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .71673
 %RSD 312.90

#1 -.95625
 #2 .47673
 #3 -.20766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.6	33651.	3516.5	59.717	2417.7
Stddev	1.7	70.	7.6	.239	5.3
%RSD	.08875	.20875	.21656	.40049	.21828

#1	1919.7	33572.	3508.5	59.456	2411.6
#2	1917.9	33675.	3517.4	59.926	2420.5
#3	1921.3	33706.	3523.7	59.768	2420.9

Sample Name: K3279-10A Acquired: 6/12/2019 18:19:07 Type: Unk
Method: P4-ICP2(v3196) 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	-.00038	-.00192	.02164	.00004	-.00017	.07715	.06048
Stddev	.00237	.00065	.00043	.00068	.00065	.00717	.00042
%RSD	624.99	34.051	1.9835	1567.6	376.73	9.2901	.69558

#1	-.00153	-.00175	.02211	.00024	.00056	.07683	.05999
#2	.00234	-.00136	.02126	.00060	-.00038	.08447	.06072
#3	-.00195	-.00264	.02157	-.00071	-.00069	.07015	.06072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00022	31.263	.00099	.00002	.00653	.03270
Stddev	.00010	.00005	.072	.00045	.00007	.00027	.00065
%RSD	79.926	23.608	.23143	45.914	313.70	4.2054	1.9837

#1	.00016	-.00017	31.184	.00141	.00010	.00679	.03343
#2	.00002	-.00021	31.282	.00105	.00001	.00625	.03246
#3	.00022	-.00027	31.325	.00051	-.00004	.00655	.03220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01472	6.5994	.00069	-.00085	45.455	-.00030	.06475
Stddev	.00007	.0709	.00014	.00036	.061	.00048	.00030
%RSD	.45778	1.0738	20.349	42.109	.13477	158.96	.45680

#1	.01478	6.5635	.00055	-.00056	45.391	-.00058	.06503
#2	.01472	6.6811	.00069	-.00074	45.461	-.00058	.06444
#3	.01465	6.5537	.00084	-.00125	45.513	.00025	.06478

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0409	.00014	.06255	7.3218	6.7212	-.00533	.00202
Stddev	.0563	.00006	.01053	.0066	.0290	.00061	.00155
%RSD	2.7570	42.703	16.833	.08998	.43190	11.443	76.342

#1	2.0789	.00007	.06236	7.3281	6.7506	-.00550	.00029
#2	2.0675	.00019	.07317	7.3149	6.6926	-.00584	.00327
#3	1.9762	.00015	.05211	7.3224	6.7203	-.00466	.00251

Sample Name: K3279-10A Acquired: 6/12/2019 18:19:07 Type: Unk
Method: P4-ICP2(v3196) 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	.00304	.0019	.49919	7.3807	F<.00000
Stddev	.00125	.0022	.00107	.2371	.61397
%RSD	41.225	117.3	.21452	3.2119	37.408

#1	.00445	-.0003	.49836	7.1073	-2.1251
#2	.00206	.0018	.49882	7.5062	-1.8482
#3	.00261	.0042	.50040	7.5287	-.95059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.5	33409.	3506.8	58.730	2383.6
Stddev	8.5	74.	14.7	.795	9.0
%RSD	.44052	.22264	.41952	1.3543	.37869

#1	1914.9	33324.	3490.7	58.382	2374.4
#2	1920.9	33441.	3519.5	58.168	2383.8
#3	1931.6	33462.	3510.2	59.640	2392.5

Sample Name: K3280-13 Acquired: 6/12/2019 18:23:31 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00145	.01654	-.00008	.00086	-.00557	.12696
Stddev	.00146	.00038	.00064	.00121	.00166	.00723	.00089
%RSD	201.95	25.854	3.8779	1472.6	193.87	129.69	.70198

#1	-.00140	-.00177	.01723	.00031	-.00074	-.01179	.12699
#2	-.00171	-.00155	.01645	-.00144	.00257	.00236	.12784
#3	.00095	-.00104	.01595	.00089	.00073	-.00728	.12606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00026	30.966	.01656	.00259	.00110	.03074
Stddev	.00006	.00003	.023	.00013	.00037	.00015	.00072
%RSD	89.669	10.962	.07275	.76748	14.123	13.534	2.3314

#1	.00001	-.00026	30.950	.01668	.00293	.00127	.03106
#2	.00006	-.00028	30.992	.01657	.00220	.00104	.02993
#3	.00013	-.00023	30.955	.01643	.00265	.00099	.03125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05576	7.8532	-.00025	-.00088	121.69	-.00037	.01905
Stddev	.00031	.0481	.00029	.00017	.58	.00010	.00002
%RSD	.56255	.61180	114.72	19.089	.47881	27.507	.07893

#1	.05610	7.9053	-.00007	-.00082	121.14	-.00047	.01905
#2	.05571	7.8439	-.00058	-.00107	122.30	-.00036	.01904
#3	.05548	7.8105	-.00011	-.00076	121.64	-.00027	.01907

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2791	.00014	.07145	F 11.984	5.2548	-.00689	-.00036
Stddev	.0198	.00032	.01124	.006	.0355	.00088	.00103
%RSD	.46257	226.53	15.727	.05051	.67615	12.825	288.73

#1	4.2572	.00035	.06447	11.979	5.2860	-.00587	-.00152
#2	4.2845	.00029	.06546	11.991	5.2162	-.00742	.00044
#3	4.2957	-.00022	.08441	11.982	5.2623	-.00739	.00002

Sample Name: K3280-13 Acquired: 6/12/2019 18:23:31 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	.0022	.25566	8.1436	F<.00000
Stddev	.00141	.0011	.00025	.0916	.26649
%RSD	75.145	48.53	.09883	1.1247	12.558

#1	-.00294	.0035	.25538	8.0488	-1.8179
#2	-.00240	.0018	.25586	8.1504	-2.2342
#3	-.00028	.0015	.25574	8.2316	-2.3142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.8	32480.	3478.4	57.173	2290.0
Stddev	16.9	122.	19.4	1.771	16.0
%RSD	.90252	.37501	.55844	3.0973	.69703

#1	1854.3	32347.	3456.0	56.790	2276.9
#2	1867.1	32506.	3489.6	55.625	2285.3
#3	1887.8	32586.	3489.6	59.104	2307.8

Sample Name: K3284-08 Acquired: 6/12/2019 18:27:55 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00124	.01662	.00014	-.00005	-.01461	.12688
Stddev	.00122	.00120	.00067	.00101	.00178	.00637	.00132
%RSD	68.135	96.511	4.0326	704.32	3295.5	43.635	1.0380

#1	-.00218	.00014	.01740	.00046	-.00129	-.00979	.12654
#2	-.00277	-.00202	.01629	-.00099	-.00086	-.02183	.12577
#3	-.00042	-.00184	.01619	.00095	.00199	-.01219	.12834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00030	30.867	.01642	.00260	.00147	.03144
Stddev	.00003	.00005	.395	.00052	.00022	.00032	.00037
%RSD	42.714	16.648	1.2792	3.1908	8.3596	21.524	1.1632

#1	.00004	-.00033	30.566	.01611	.00235	.00167	.03113
#2	.00009	-.00033	30.722	.01613	.00276	.00163	.03184
#3	.00009	-.00024	31.314	.01703	.00268	.00111	.03134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05563	7.7124	-.00049	-.00080	121.34	-.00030	.01884
Stddev	.00016	.1427	.00037	.00060	.65	.00018	.00006
%RSD	.28115	1.8499	74.337	74.261	.53542	62.051	.33722

#1	.05565	7.6511	-.00012	-.00136	120.99	-.00018	.01890
#2	.05577	7.6106	-.00051	-.00089	120.93	-.00051	.01878
#3	.05546	7.8755	-.00085	-.00017	122.09	-.00020	.01883

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2523	-.00001	.06455	F 12.005	5.2829	-.00615	.00006
Stddev	.0119	.00020	.00967	.015	.0299	.00091	.00155
%RSD	.27938	1607.4	14.982	.12090	.56531	14.767	2619.5

#1	4.2627	-.00003	.05699	12.010	5.3002	-.00560	.00097
#2	4.2394	.00019	.06122	12.015	5.3000	-.00565	.00095
#3	4.2550	-.00020	.07545	11.988	5.2484	-.00720	-.00173

Sample Name: K3284-08 Acquired: 6/12/2019 18:27:55 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	.0021	.25551	8.0777	F<.00000
Stddev	.00126	.0010	.00050	.2591	.98183
%RSD	87.935	50.76	.19724	3.2074	32.308

#1	-.00240	.0028	.25493	8.3412	-2.2692
#2	-.00188	.0009	.25582	7.8232	-4.1447
#3	-.00001	.0024	.25579	8.0685	-2.7030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.2	32604.	3474.9	58.617	2300.1
Stddev	5.2	108.	22.0	2.005	5.2
%RSD	.27553	.33024	.63404	3.4203	.22413

#1	1878.7	32588.	3456.0	58.535	2305.3
#2	1869.3	32718.	3469.7	56.654	2295.0
#3	1877.6	32505.	3499.1	60.661	2299.8

Sample Name: CCV06 Acquired: 6/12/2019 18:32:20 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00570	F .00117	F -.01302	F .00196	F -.00425	F .00628	F -.00060
Stddev	.00018	.00042	.00028	.00039	.00018	.00393	.00013
%RSD	3.1276	35.929	2.1187	20.038	4.2958	62.479	22.417

#1	-.00558	.00138	-.01279	.00152	-.00425	.00228	-.00064
#2	-.00591	.00143	-.01294	.00211	-.00407	.01013	-.00071
#3	-.00562	.00068	-.01333	.00227	-.00444	.00644	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00027	F .00080	F -.01992	F -.00015	F .00065	F -.00795	F -.00808
Stddev	.00002	.00001	.00450	.00007	.00004	.00010	.00008
%RSD	7.5612	1.8038	22.595	48.253	6.0359	1.2878	.97616

#1	.00025	.00081	-.01634	-.00018	.00062	-.00804	-.00815
#2	.00026	.00080	-.02498	-.00007	.00064	-.00797	-.00799
#3	.00029	.00078	-.01844	-.00020	.00069	-.00784	-.00810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00021	F .04528	F .00745	F -.00110	F -.48945	F .00015	F -.00094
Stddev	.00001	.01452	.00015	.00004	.01831	.00020	.00001
%RSD	4.8718	32.061	1.9871	3.7264	3.7414	128.97	1.5700

#1	-.00020	.04560	.00742	-.00111	-.46928	.00031	-.00096
#2	-.00021	.05964	.00733	-.00105	-.49403	-.00007	-.00094
#3	-.00022	.03061	.00762	-.00113	-.50504	.00022	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.36451	F .00025	F .00387	F -.05661	F -.03405	F -.00588	F -.00054
Stddev	.00816	.00003	.00289	.00026	.00068	.00008	.00029
%RSD	2.2387	11.002	74.506	.45130	1.9988	1.3340	54.189

#1	-.35903	.00025	.00111	-.05633	-.03478	-.00590	-.00046
#2	-.36061	.00022	.00364	-.05668	-.03393	-.00594	-.00030
#3	-.37389	.00028	.00687	-.05682	-.03344	-.00579	-.00087

Sample Name: CCV06 Acquired: 6/12/2019 18:32:20 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00951	F -.0018	F -.00010	F<.00000	F<.00000
Stddev	.00067	.0001	.00001	1.2167	.70935
%RSD	7.0800	7.431	6.7108	1.3833	15.577

#1	-.01022	-.0020	-.00009	-88.191	-3.7586
#2	-.00889	-.0017	-.00010	-89.041	-4.7811
#3	-.00941	-.0018	-.00011	-86.641	-5.1215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7857.6	125150.	9596.9	168.63	10249.
Stddev	50.1	1343.	41.4	.94	46.
%RSD	.63701	1.0731	.43108	.55848	.45010

#1	7912.8	124360.	9566.7	169.58	10288.
#2	7815.3	126700.	9644.1	167.70	10198.
#3	7844.6	124390.	9579.9	168.62	10261.

Sample Name: CCB06 Acquired: 6/12/2019 18:36:48 Type: Unk
Method: P4-ICP2(v3196) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	.00029	.00008	-.00222	-.00156	.00155	.00052
Stddev	.00161	.00096	.00044	.00216	.00115	.00176	.00029
%RSD	65.937	326.42	570.99	97.371	73.997	113.55	55.452

#1	.00372	.00132	.00002	-.00471	-.00266	-.00046	.00085
#2	.00063	.00013	.00055	-.00090	-.00035	.00279	.00038
#3	.00295	-.00057	-.00033	-.00104	-.00167	.00232	.00033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.00614	-.00013	.00015	-.00024	.00012
Stddev	.00007	.00003	.01730	.00039	.00013	.00013	.00034
%RSD	117.05	38.229	282.00	294.12	82.183	53.055	292.88

#1	.00004	.00007	-.00407	.00030	.00010	-.00022	.00041
#2	.00000	.00004	.02612	-.00025	.00030	-.00038	-.00025
#3	.00013	.00009	-.00364	-.00045	.00006	-.00013	.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.02179	-.00025	-.00004	F .67021	-.00017	-.00022
Stddev	.00005	.05610	.00066	.00044	.06219	.00026	.00002
%RSD	134.79	257.40	261.60	1034.7	9.2791	152.25	7.2229

#1	-.00006	-.03837	.00048	-.00046	.72924	-.00016	-.00024
#2	.00002	.07266	-.00043	-.00008	.67611	.00008	-.00021
#3	-.00006	.03109	-.00081	.00041	.60528	-.00044	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02375	-.00012	.01000	F -.01328	.00275	-.00367	-.00044
Stddev	.01064	.00007	.01598	.00087	.00017	.00076	.00075
%RSD	44.786	57.512	159.88	6.5468	6.2296	20.749	170.31

#1	-.01475	-.00020	.01251	-.01298	.00288	-.00401	-.00048
#2	-.03548	-.00006	-.00709	-.01260	.00280	-.00420	-.00118
#3	-.02100	-.00010	.02458	-.01426	.00255	-.00280	.00033

Sample Name: CCB06 Acquired: 6/12/2019 18:36:48 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	.0006	.00002	F 6.2368	F<.00000
Stddev	.00097	.0020	.00002	.0924	.17109
%RSD	55.837	338.4	138.44	1.4809	9.5734
#1	-.00177	.0025	.00003	6.1604	-1.6890
#2	-.00269	-.0015	.00002	6.2106	-1.6878
#3	-.00075	.0007	-.00001	6.3395	-1.9847
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.9	34142.	3503.3	59.844	2476.6
Stddev	3.7	146.	4.6	.207	2.6
%RSD	.18918	.42808	.13262	.34570	.10321
#1	1952.7	34010.	3502.9	59.725	2473.7
#2	1958.0	34117.	3498.9	60.083	2478.7
#3	1959.9	34299.	3508.1	59.725	2477.4

Sample Name: K3284-13 Acquired: 6/12/2019 18:41:18 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00095	.00265	-.00187	.00110	-.00139	.02524
Stddev	.00285	.00068	.00085	.00224	.00084	.01869	.00018
%RSD	262.99	71.797	32.018	120.17	76.154	1346.3	.71502

#1	.00077	-.00162	.00331	-.00440	.00193	.01502	.02503
#2	.00034	-.00096	.00295	-.00011	.00112	.00254	.02536
#3	-.00436	-.00026	.00169	-.00109	.00025	-.02173	.02533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00014	6.0932	.00310	.00045	.00055	.00719
Stddev	.00003	.00008	.0313	.00058	.00027	.00023	.00026
%RSD	31.098	56.028	.51300	18.570	61.281	41.528	3.6047

#1	.00011	-.00023	6.0839	.00246	.00073	.00076	.00690
#2	.00006	-.00010	6.0677	.00328	.00044	.00031	.00726
#3	.00012	-.00009	6.1281	.00357	.00018	.00058	.00741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01122	1.5590	-.00028	-.00049	24.085	-.00018	.00390
Stddev	.00002	.0423	.00034	.00012	.092	.00053	.00006
%RSD	.21041	2.7109	122.37	24.589	.38291	300.67	1.4409

#1	.01120	1.5947	-.00045	-.00059	24.180	-.00023	.00384
#2	.01125	1.5123	.00011	-.00053	24.079	-.00067	.00395
#3	.01123	1.5699	-.00049	-.00036	23.995	.00038	.00392

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78627	.00010	.02584	2.3294	1.1119	-.00420	.00099
Stddev	.01485	.00013	.01773	.0068	.0042	.00002	.00152
%RSD	1.8888	129.68	68.623	.29097	.37546	.55145	153.31

#1	.80012	.00008	.04505	2.3215	1.1148	-.00419	.00087
#2	.78810	.00024	.02234	2.3331	1.1072	-.00419	.00257
#3	.77059	-.00002	.01012	2.3334	1.1138	-.00423	-.00047

Sample Name: K3284-13 Acquired: 6/12/2019 18:41:18 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-DUP06-201 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	.0034	.05134	7.0747	F<.00000
Stddev	.00108	.0009	.00006	.1216	.31061
%RSD	39.009	27.53	.11506	1.7191	15.912

#1	-.00162	.0033	.05140	6.9664	-2.3036
#2	-.00296	.0025	.05133	7.0515	-1.7146
#3	-.00377	.0043	.05129	7.2063	-1.8379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.7	33493.	3508.5	60.053	2430.4
Stddev	5.1	166.	18.1	.653	5.9
%RSD	.26385	.49444	.51559	1.0880	.24349

#1	1929.8	33313.	3488.0	60.254	2433.5
#2	1924.5	33638.	3522.3	60.581	2423.6
#3	1934.7	33528.	3515.2	59.322	2434.2

Sample Name: K3280-02 Acquired: 6/12/2019 18:45:45 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75234	1.8175	.92811	1.8510	.76734	1.9731	.32497	.19470
Stddev	.00280	.0010	.00437	.0047	.00166	.0095	.00096	.00025
%RSD	.37270	.05293	.47073	.25512	.21642	.48355	.29396	.12703
#1	.75189	1.8179	.92641	1.8564	.76542	1.9666	.32451	.19482
#2	.74979	1.8164	.92484	1.8489	.76815	1.9687	.32607	.19485
#3	.75535	1.8182	.93307	1.8476	.76843	1.9841	.32433	.19441
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18208	32.348	.41509	.19279	.30078	3.0372	.25928	9.7510
Stddev	.00049	.131	.00259	.00018	.00084	.0016	.00039	.0574
%RSD	.27029	.40474	.62399	.09150	.27867	.05361	.15053	.58886
#1	.18170	32.197	.41313	.19299	.29988	3.0374	.25886	9.6849
#2	.18192	32.427	.41802	.19266	.30154	3.0355	.25936	9.7888
#3	.18264	32.420	.41410	.19272	.30090	3.0388	.25963	9.7793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47287	.06761	125.04	.30835	.20894	14.045	.40196	.37066
Stddev	.00100	.00030	.30	.00097	.00050	.057	.00127	.01432
%RSD	.21049	.44017	.23962	.31620	.23754	.40698	.31533	3.8622
#1	.47178	.06763	124.74	.30911	.20895	14.094	.40074	.36836
#2	.47309	.06791	125.03	.30870	.20843	13.982	.40187	.35764
#3	.47373	.06731	125.34	.30725	.20943	14.059	.40327	.38599
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.097	6.1521	.66336	.19827	.20223	5.675	.45496	8.9397
Stddev	.034	.0374	.00201	.00080	.00075	.005	.00124	.0482
%RSD	.28176	.60743	.30303	.40574	.37184	.0933	.27210	.53940
#1	12.090	6.1701	.66186	.19778	.20282	5.669	.45564	8.9952
#2	12.067	6.1092	.66259	.19783	.20139	5.676	.45353	8.9089
#3	12.134	6.1772	.66565	.19919	.20250	5.679	.45570	8.9149

Sample Name: K3280-02 Acquired: 6/12/2019 18:45:45 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW01-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3797
Stddev	.5269
%RSD	38.184

#1	1.9881
#2	1.0817
#3	1.0695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.9	32404.	3427.3	58.182	2256.4
Stddev	3.0	98.	20.2	1.081	2.5
%RSD	.15861	.30328	.58801	1.8584	.10890

#1	1860.5	32291.	3405.7	57.166	2254.4
#2	1865.3	32468.	3445.7	59.318	2259.1
#3	1866.0	32453.	3430.6	58.062	2255.6

Sample Name: K3280-03 Acquired: 6/12/2019 18:49:54 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75397	1.8177	.92956	1.8608	.76868	1.9556	.32386	.19557
Stddev	.00331	.0031	.00170	.0071	.00101	.0227	.00075	.00038
%RSD	.43889	.16917	.18245	.37976	.13112	1.1610	.23156	.19663
#1	.75176	1.8212	.93104	1.8677	.76876	1.9398	.32470	.19594
#2	.75237	1.8166	.92993	1.8612	.76763	1.9455	.32364	.19558
#3	.75778	1.8154	.92771	1.8536	.76964	1.9816	.32325	.19518
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18306	32.418	.41803	.19357	.30198	3.0611	.26025	9.8083
Stddev	.00041	.078	.00059	.00071	.00127	.0091	.00054	.0362
%RSD	.22222	.23922	.14138	.36811	.41956	.29620	.20846	.36889
#1	.18260	32.387	.41820	.19336	.30340	3.0661	.26085	9.7722
#2	.18328	32.506	.41737	.19299	.30096	3.0506	.26011	9.8082
#3	.18332	32.361	.41851	.19437	.30158	3.0666	.25979	9.8446
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47453	.06820	125.10	.31048	.21021	14.007	.40391	.37256
Stddev	.00075	.00035	.32	.00047	.00044	.079	.00168	.01436
%RSD	.15724	.51736	.25915	.15251	.21015	.56553	.41632	3.8534
#1	.47376	.06817	124.97	.31040	.21063	13.931	.40489	.38474
#2	.47525	.06786	125.47	.31006	.20975	14.000	.40196	.35673
#3	.47460	.06856	124.86	.31099	.21026	14.089	.40486	.37621
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.135	6.2508	.66413	.20244	.20268	5.675	.45698	8.8299
Stddev	.038	.0093	.00154	.00335	.00239	.016	.00178	.3333
%RSD	.31464	.14887	.23115	1.6553	1.1815	.2876	.38916	3.7744
#1	12.178	6.2600	.66417	.20187	.20542	5.689	.45497	9.2003
#2	12.124	6.2414	.66564	.20604	.20101	5.679	.45832	8.5542
#3	12.103	6.2509	.66257	.19941	.20161	5.657	.45766	8.7351

Sample Name: K3280-03 Acquired: 6/12/2019 18:49:54 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW02-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7072
Stddev	.6873
%RSD	40.260

#1	1.8933
#2	.94603
#3	2.2824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.5	32342.	3406.0	59.126	2258.5
Stddev	4.5	103.	8.5	1.716	4.2
%RSD	.24193	.31942	.24826	2.9026	.18540

#1	1856.3	32235.	3398.2	61.088	2254.1
#2	1864.4	32351.	3404.8	57.904	2258.8
#3	1863.8	32441.	3415.0	58.386	2262.5

Sample Name: K3280-04 Acquired: 6/12/2019 18:54:00 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75133	1.8159	.92911	1.8535	.76582	1.9555	.32462	.19428
Stddev	.00088	.0061	.00261	.0072	.00230	.0125	.00195	.00028
%RSD	.11697	.33691	.28050	.38714	.30017	.63963	.60219	.14577
#1	.75230	1.8099	.92635	1.8589	.76571	1.9667	.32448	.19449
#2	.75057	1.8157	.92944	1.8453	.76358	1.9578	.32664	.19396
#3	.75113	1.8221	.93153	1.8562	.76818	1.9420	.32274	.19441
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18206	32.484	.41659	.19288	.30125	3.0451	.25903	9.7731
Stddev	.00058	.198	.00113	.00053	.00054	.0081	.00051	.0817
%RSD	.32120	.60821	.27034	.27682	.17959	.26581	.19869	.83610
#1	.18198	32.306	.41677	.19235	.30182	3.0435	.25951	9.8095
#2	.18152	32.697	.41762	.19341	.30074	3.0539	.25909	9.8303
#3	.18268	32.448	.41539	.19287	.30119	3.0380	.25849	9.6795
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47257	.06755	125.23	.31106	.20840	14.054	.40192	.36699
Stddev	.00117	.00097	.51	.00022	.00013	.055	.00083	.01435
%RSD	.24764	1.4286	.40971	.06949	.06272	.38927	.20654	3.9093
#1	.47133	.06856	124.93	.31086	.20840	14.042	.40096	.38066
#2	.47365	.06747	125.83	.31129	.20853	14.114	.40242	.36827
#3	.47272	.06663	124.95	.31102	.20827	14.007	.40237	.35205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.088	6.1719	.66039	.19851	.20228	5.668	.45294	8.5832
Stddev	.016	.0255	.00043	.00057	.00100	.005	.00095	.1733
%RSD	.13447	.41358	.06488	.28816	.49241	.0809	.20917	2.0188
#1	12.070	6.2010	.65993	.19822	.20178	5.666	.45250	8.6916
#2	12.091	6.1533	.66045	.19814	.20342	5.665	.45402	8.6746
#3	12.102	6.1615	.66078	.19917	.20163	5.673	.45229	8.3834

Sample Name: K3280-04 Acquired: 6/12/2019 18:54:00 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-FW-MW03-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3526
Stddev	.1556
%RSD	11.506

#1	1.1787
#2	1.4003
#3	1.4788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.2	32270.	3424.9	56.973	2257.0
Stddev	5.2	105.	11.9	1.130	7.8
%RSD	.28173	.32659	.34694	1.9839	.34562

#1	1867.5	32186.	3411.2	56.758	2265.9
#2	1862.1	32235.	3431.8	55.966	2254.2
#3	1857.0	32388.	3431.8	58.196	2251.1

Sample Name: K3280-05 Acquired: 6/12/2019 18:58:07 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00059	.01745	.00179	.00135	-.01586	.12912
Stddev	.00226	.00096	.00103	.00226	.00207	.00203	.00100
%RSD	485.06	162.30	5.8796	126.19	153.38	12.810	.77828

#1	-.00303	-.00014	.01647	.00301	.00184	-.01673	.12895
#2	.00043	.00006	.01852	.00317	-.00092	-.01732	.12821
#3	.00121	-.00170	.01735	-.00082	.00312	-.01354	.13020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00025	31.640	.01589	.00238	.00780	.02679
Stddev	.00006	.00007	.130	.00052	.00014	.00030	.00028
%RSD	166.29	28.189	.41202	3.2708	5.6765	3.8925	1.0552

#1	-.00003	-.00017	31.520	.01614	.00246	.00815	.02689
#2	.00008	-.00031	31.620	.01625	.00247	.00757	.02701
#3	.00007	-.00026	31.779	.01530	.00223	.00769	.02647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05109	7.9765	-.00054	-.00070	125.18	.00005	.02273
Stddev	.00008	.0278	.00022	.00026	.24	.00045	.00012
%RSD	.15587	.34817	40.567	37.856	.19154	968.06	.52807

#1	.05110	8.0003	-.00079	-.00096	125.45	.00055	.02287
#2	.05101	7.9459	-.00042	-.00044	125.05	-.00031	.02268
#3	.05117	7.9832	-.00040	-.00069	125.03	-.00010	.02265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2731	.00037	.07026	F 12.226	5.4037	-.00575	.00110
Stddev	.0280	.00043	.01112	.012	.0236	.00060	.00059
%RSD	.65472	115.04	15.829	.09561	.43728	10.506	53.455

#1	4.2483	.00078	.07963	12.212	5.4187	-.00587	.00178
#2	4.3034	-.00008	.05797	12.234	5.3765	-.00629	.00081
#3	4.2675	.00042	.07318	12.230	5.4161	-.00510	.00072

Sample Name: K3280-05 Acquired: 6/12/2019 18:58:07 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW27I- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	.0035	.25854	7.8599	F<.00000
Stddev	.00060	.0009	.00038	.1389	.29572
%RSD	17.343	24.88	.14646	1.7673	11.267

#1	-.00415	.0039	.25898	7.8460	-2.3418
#2	-.00330	.0041	.25829	7.7285	-2.9318
#3	-.00298	.0025	.25836	8.0053	-2.6007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.9	32220.	3445.0	58.410	2274.4
Stddev	5.9	96.	17.4	.826	3.7
%RSD	.31524	.29927	.50454	1.4145	.16453

#1	1867.3	32122.	3426.8	57.556	2276.9
#2	1856.3	32222.	3446.9	59.205	2270.1
#3	1865.2	32315.	3461.4	58.468	2276.3

Sample Name: K3280-06 Acquired: 6/12/2019 19:02:31 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.00108	.01743	.00197	-.00062	-.01333	.12797
Stddev	.00099	.00129	.00051	.00162	.00154	.00793	.00031
%RSD	77.830	119.56	2.9307	82.296	248.57	59.504	.24181

#1	.00026	.00020	.01781	.00259	-.00238	-.01361	.12797
#2	.00132	-.00238	.01685	.00013	.00051	-.00526	.12765
#3	.00224	-.00105	.01763	.00320	.00000	-.02111	.12827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00034	31.651	.01611	.00232	.00948	.04075
Stddev	.00008	.00008	.100	.00026	.00034	.00045	.00022
%RSD	138.05	22.828	.31691	1.5881	14.731	4.7188	.54697

#1	-.00003	-.00026	31.538	.01601	.00265	.00897	.04100
#2	.00014	-.00041	31.732	.01593	.00236	.00978	.04069
#3	.00008	-.00036	31.681	.01640	.00196	.00970	.04056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05065	8.0147	-.00077	-.00075	125.86	-.00013	.01908
Stddev	.00028	.0500	.00069	.00035	.43	.00008	.00004
%RSD	.54431	.62331	90.130	47.073	.34491	59.819	.19932

#1	.05058	7.9571	-.00108	-.00098	125.57	-.00016	.01911
#2	.05042	8.0414	.00003	-.00093	125.65	-.00004	.01904
#3	.05095	8.0456	-.00125	-.00034	126.36	-.00019	.01909

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3250	-.00009	.08581	F 12.312	5.4569	-.00694	.00071
Stddev	.0209	.00025	.00336	.031	.0216	.00072	.00160
%RSD	.48224	280.86	3.9134	.25258	.39514	10.361	223.75

#1	4.3340	.00013	.08265	12.279	5.4486	-.00630	.00114
#2	4.3399	-.00036	.08544	12.319	5.4408	-.00772	.00205
#3	4.3012	-.00004	.08934	12.340	5.4814	-.00682	-.00106

Sample Name: K3280-06 Acquired: 6/12/2019 19:02:31 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29IR Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	.0040	.26040	8.1233	F<.00000
Stddev	.00099	.0013	.00124	.3277	.73915
%RSD	33.861	33.13	.47524	4.0339	24.176

#1	-.00204	.0027	.26110	8.5017	-2.2043
#2	-.00273	.0053	.25897	7.9366	-3.4602
#3	-.00399	.0041	.26112	7.9317	-3.5076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.3	32310.	3447.5	57.503	2276.7
Stddev	3.6	90.	9.9	.989	5.3
%RSD	.19485	.27985	.28755	1.7196	.23336

#1	1865.2	32207.	3438.7	56.399	2270.6
#2	1865.3	32376.	3458.2	58.307	2280.3
#3	1871.5	32347.	3445.4	57.804	2279.3

Sample Name: K3280-07 Acquired: 6/12/2019 19:06:56 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11999	-.00162	.02453	.00083	-.00082	4.8044	.01261
Stddev	.00167	.00082	.00005	.00257	.00060	.0072	.00050
%RSD	1.3947	50.361	.19153	310.40	73.900	.15066	3.9505

#1	.11926	-.00068	.02448	.00175	-.00134	4.8075	.01226
#2	.12191	-.00203	.02457	-.00208	-.00016	4.7962	.01239
#3	.11881	-.00215	.02455	.00281	-.00094	4.8096	.01318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00011	1.0888	.00291	.00074	.01477	1.7905
Stddev	.00006	.00001	.0161	.00016	.00012	.00012	.0077
%RSD	42.211	13.065	1.4820	5.3505	15.846	.82753	.42795

#1	.00008	-.00010	1.0705	.00305	.00072	.01485	1.7992
#2	.00020	-.00013	1.1008	.00274	.00086	.01463	1.7847
#3	.00018	-.00011	1.0952	.00293	.00063	.01484	1.7875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	.18434	.00309	-.00012	80.499	.04241	.04457
Stddev	.00006	.05733	.00025	.00039	.445	.00085	.00021
%RSD	.99294	31.102	7.9318	333.69	.55294	2.0039	.47371

#1	.00629	.12753	.00283	-.00005	80.185	.04143	.04480
#2	.00624	.18331	.00315	.00023	80.303	.04291	.04453
#3	.00616	.24218	.00331	-.00054	81.008	.04288	.04438

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1024	.01787	.13683	7.1883	7.3330	-.00536	.08532
Stddev	.0200	.00025	.02093	.0217	.0597	.00037	.00055
%RSD	1.8141	1.3972	15.295	.30221	.81385	6.9338	.64306

#1	1.1208	.01793	.12710	7.2125	7.3901	-.00500	.08479
#2	1.1053	.01760	.16086	7.1707	7.3378	-.00535	.08528
#3	1.0812	.01809	.12255	7.1816	7.2711	-.00574	.08589

Sample Name: K3280-07 Acquired: 6/12/2019 19:06:56 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW29D- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00450	.7526	.01094	7.3646	F<.00000
Stddev	.00094	.0009	.00006	.0969	.40368
%RSD	21.002	.1213	.56458	1.3163	27.870

#1	-.00378	.7528	.01101	7.4414	-1.0690
#2	-.00557	.7516	.01094	7.2557	-1.4037
#3	-.00414	.7533	.01088	7.3966	-1.8726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.6	33400.	3493.3	58.958	2366.9
Stddev	5.0	67.	24.5	1.721	6.9
%RSD	.25757	.20091	.70221	2.9183	.29101

#1	1922.3	33372.	3468.8	58.265	2359.1
#2	1925.6	33477.	3493.2	57.692	2369.8
#3	1932.0	33352.	3517.9	60.917	2371.9

Sample Name: K3280-08LX5 Acquired: 6/12/2019 19:52:16 Type: Unk
Method: P4-ICP2(v3196) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83651	1.7882	.92776	1.7337	.72762	6.4119	.20480	.18910	.17896
Stddev	.00262	.0044	.00164	.0040	.00194	.1047	.00045	.00045	.00043
%RSD	.31263	.24595	.17716	.23105	.26644	1.6322	.21908	.23730	.23757

#1	.83905	1.7834	.92871	1.7305	.72823	6.5097	.20500	.18914	.17847
#2	.83665	1.7892	.92872	1.7382	.72918	6.4244	.20512	.18863	.17927
#3	.83383	1.7921	.92587	1.7324	.72545	6.3015	.20429	.18953	.17912

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4762	.40108	.18980	.31640	4.7444	.21080	2.1043	.47478	.06664
Stddev	.0124	.00116	.00082	.00153	.0056	.00016	.0457	.00128	.00036
%RSD	.50228	.28859	.43254	.48458	.11809	.07675	2.1704	.26973	.53610

#1	2.4786	.39974	.18888	.31484	4.7482	.21095	2.1562	.47359	.06685
#2	2.4873	.40182	.19006	.31791	4.7470	.21082	2.0702	.47614	.06623
#3	2.4627	.40167	.19046	.31644	4.7379	.21063	2.0864	.47460	.06684

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	80.152	.34450	.23683	10.728	.40441	.41094	6.9527	7.6788	.64033
Stddev	.250	.00045	.00018	.018	.00019	.01021	.0246	.0276	.00118
%RSD	.31251	.13039	.07433	.16763	.04677	2.4837	.35346	.35952	.18469

#1	80.439	.34499	.23681	10.748	.40425	.42199	6.9298	7.6469	.63899
#2	80.041	.34411	.23701	10.723	.40438	.40898	6.9786	7.6944	.64080
#3	79.976	.34441	.23666	10.713	.40462	.40186	6.9495	7.6950	.64121

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.26484	.20075	6.116	.20861	8.5497	3.6785			
Stddev	.00434	.00284	.021	.00108	.1064	.6420			
%RSD	1.6388	1.4152	.3489	.51603	1.2445	17.452			

#1	.26948	.19905	6.092	.20795	8.6318	4.1512			
#2	.26088	.19918	6.132	.20986	8.4295	3.9368			
#3	.26416	.20403	6.125	.20804	8.5878	2.9477			

Sample Name: K3280-08LX5 Acquired: 6/12/2019 19:52:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	1926.7	33563.	3495.9	61.850	2350.7
Stddev	4.4	73.	9.5	1.331	3.5
%RSD	.22953	.21710	.27199	2.1522	.14685
#1	1923.0	33510.	3505.6	63.128	2351.8
#2	1925.4	33646.	3495.7	60.472	2346.8
#3	1931.6	33533.	3486.6	61.951	2353.4

Sample Name: K3280-08LX5 Acquired: 6/12/2019 19:52:16 Type: Unk
Method: P4-ICP2(v3196) 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	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83651	1.7882	.92776	1.7337	.72762	6.4119	.20480	.18910	.17896
Stddev	.00262	.0044	.00164	.0040	.00194	.1047	.00045	.00045	.00043
%RSD	.31263	.24595	.17716	.23105	.26644	1.6322	.21908	.23730	.23757

#1	.83905	1.7834	.92871	1.7305	.72823	6.5097	.20500	.18914	.17847
#2	.83665	1.7892	.92872	1.7382	.72918	6.4244	.20512	.18863	.17927
#3	.83383	1.7921	.92587	1.7324	.72545	6.3015	.20429	.18953	.17912

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4762	.40108	.18980	.31640	4.7444	.21080	2.1043	.47478	.06664
Stddev	.0124	.00116	.00082	.00153	.0056	.00016	.0457	.00128	.00036
%RSD	.50228	.28859	.43254	.48458	.11809	.07675	2.1704	.26973	.53610

#1	2.4786	.39974	.18888	.31484	4.7482	.21095	2.1562	.47359	.06685
#2	2.4873	.40182	.19006	.31791	4.7470	.21082	2.0702	.47614	.06623
#3	2.4627	.40167	.19046	.31644	4.7379	.21063	2.0864	.47460	.06684

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	80.152	.34450	.23683	10.728	.40441	.41094	6.9527	7.6788	.64033
Stddev	.250	.00045	.00018	.018	.00019	.01021	.0246	.0276	.00118
%RSD	.31251	.13039	.07433	.16763	.04677	2.4837	.35346	.35952	.18469

#1	80.439	.34499	.23681	10.748	.40425	.42199	6.9298	7.6469	.63899
#2	80.041	.34411	.23701	10.723	.40438	.40898	6.9786	7.6944	.64080
#3	79.976	.34441	.23666	10.713	.40462	.40186	6.9495	7.6950	.64121

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26484	.20075	6.116	.20861	8.5497	3.6785
Stddev	.00434	.00284	.021	.00108	.1064	.6420
%RSD	1.6388	1.4152	.3489	.51603	1.2445	17.452

#1	.26948	.19905	6.092	.20795	8.6318	4.1512
#2	.26088	.19918	6.132	.20986	8.4295	3.9368
#3	.26416	.20403	6.125	.20804	8.5878	2.9477

Sample Name: K3280-08LX5 Acquired: 6/12/2019 19:52:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	1926.7	33563.	3495.9	61.850	2350.7
Stddev	4.4	73.	9.5	1.331	3.5
%RSD	.22953	.21710	.27199	2.1522	.14685
#1	1923.0	33510.	3505.6	63.128	2351.8
#2	1925.4	33646.	3495.7	60.472	2346.8
#3	1931.6	33533.	3486.6	61.951	2353.4

Sample Name: CCV07 Acquired: 6/12/2019 19:56:27 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0381	5.0166	5.0470	4.9084	5.0443	10.234	10.010	.25749
Stddev	.0060	.0080	.0124	.0127	.0137	.021	.027	.00124
%RSD	.11881	.15968	.24484	.25791	.27144	.20571	.26991	.48028
#1	5.0443	5.0138	5.0385	4.8939	5.0518	10.219	9.9901	.25671
#2	5.0323	5.0256	5.0612	4.9174	5.0285	10.258	10.041	.25685
#3	5.0378	5.0103	5.0413	4.9138	5.0526	10.225	9.9987	.25892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4792	25.057	1.0179	2.5154	1.3032	5.1742	2.6263	25.470
Stddev	.0028	.209	.0042	.0034	.0026	.0115	.0066	.199
%RSD	.11458	.83589	.41407	.13577	.19754	.22235	.25219	.78015
#1	2.4778	25.060	1.0166	2.5138	1.3059	5.1660	2.6217	25.444
#2	2.4824	25.265	1.0144	2.5193	1.3008	5.1692	2.6233	25.680
#3	2.4773	24.846	1.0226	2.5131	1.3029	5.1873	2.6339	25.286
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5248	1.2705	24.741	2.6078	2.5297	25.305	5.1283	5.0824
Stddev	.0064	.0017	.048	.0048	.0051	.064	.0094	.0363
%RSD	.25435	.13361	.19514	.18242	.20277	.25103	.18353	.71501
#1	2.5199	1.2698	24.745	2.6023	2.5303	25.286	5.1363	5.0745
#2	2.5321	1.2692	24.788	2.6100	2.5345	25.375	5.1179	5.1221
#3	2.5226	1.2724	24.691	2.6110	2.5243	25.252	5.1305	5.0507
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0830	4.9927	5.0366	5.0775	5.0905	5.127	5.0440	F 8.9648
Stddev	.0088	.0448	.0080	.0149	.0246	.011	.0292	.1995
%RSD	.17281	.89767	.15981	.29317	.48267	.2131	.57874	2.2256
#1	5.0751	4.9607	5.0455	5.0659	5.0827	5.135	5.0369	8.8454
#2	5.0925	4.9735	5.0345	5.0724	5.0708	5.132	5.0191	8.8538
#3	5.0815	5.0439	5.0298	5.0943	5.1180	5.115	5.0761	9.1951

Sample Name: CCV07 Acquired: 6/12/2019 19:56:27 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15101 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .97159
Stddev	.27916
%RSD	28.732

#1	1.0415
#2	.66412
#3	1.2092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.0	32791.	3485.2	58.324	2196.5
Stddev	5.1	34.	26.7	.758	1.0
%RSD	.27328	.10494	.76646	1.2999	.04479

#1	1876.6	32815.	3489.7	59.051	2195.3
#2	1885.9	32807.	3509.3	57.538	2197.2
#3	1877.4	32752.	3456.5	58.383	2196.8

Sample Name: CCV07 Acquired: 6/12/2019 19:56:27 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15101 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0381	5.0166	5.0470	4.9084	5.0443	10.234	10.010	.25749
Stddev	.0060	.0080	.0124	.0127	.0137	.021	.027	.00124
%RSD	.11881	.15968	.24484	.25791	.27144	.20571	.26991	.48028
#1	5.0443	5.0138	5.0385	4.8939	5.0518	10.219	9.9901	.25671
#2	5.0323	5.0256	5.0612	4.9174	5.0285	10.258	10.041	.25685
#3	5.0378	5.0103	5.0413	4.9138	5.0526	10.225	9.9987	.25892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4792	25.057	1.0179	2.5154	1.3032	5.1742	2.6263	25.470
Stddev	.0028	.209	.0042	.0034	.0026	.0115	.0066	.199
%RSD	.11458	.83589	.41407	.13577	.19754	.22235	.25219	.78015
#1	2.4778	25.060	1.0166	2.5138	1.3059	5.1660	2.6217	25.444
#2	2.4824	25.265	1.0144	2.5193	1.3008	5.1692	2.6233	25.680
#3	2.4773	24.846	1.0226	2.5131	1.3029	5.1873	2.6339	25.286
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5248	1.2705	24.741	2.6078	2.5297	25.305	5.1283	5.0824
Stddev	.0064	.0017	.048	.0048	.0051	.064	.0094	.0363
%RSD	.25435	.13361	.19514	.18242	.20277	.25103	.18353	.71501
#1	2.5199	1.2698	24.745	2.6023	2.5303	25.286	5.1363	5.0745
#2	2.5321	1.2692	24.788	2.6100	2.5345	25.375	5.1179	5.1221
#3	2.5226	1.2724	24.691	2.6110	2.5243	25.252	5.1305	5.0507
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0830	4.9927	5.0366	5.0775	5.0905	5.127	5.0440	F 8.9648
Stddev	.0088	.0448	.0080	.0149	.0246	.011	.0292	.1995
%RSD	.17281	.89767	.15981	.29317	.48267	.2131	.57874	2.2256
#1	5.0751	4.9607	5.0455	5.0659	5.0827	5.135	5.0369	8.8454
#2	5.0925	4.9735	5.0345	5.0724	5.0708	5.132	5.0191	8.8538
#3	5.0815	5.0439	5.0298	5.0943	5.1180	5.115	5.0761	9.1951

Sample Name: CCV07 Acquired: 6/12/2019 19:56:27 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15101 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .97159
Stddev	.27916
%RSD	28.732

#1	1.0415
#2	.66412
#3	1.2092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.0	32791.	3485.2	58.324	2196.5
Stddev	5.1	34.	26.7	.758	1.0
%RSD	.27328	.10494	.76646	1.2999	.04479

#1	1876.6	32815.	3489.7	59.051	2195.3
#2	1885.9	32807.	3509.3	57.538	2197.2
#3	1877.4	32752.	3456.5	58.383	2196.8

Sample Name: CCB07 Acquired: 6/12/2019 20:00:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	.00156	.00094	-.00082	-.00131	-.02460	.00089
Stddev	.00393	.00061	.00093	.00163	.00024	.00538	.00061
%RSD	248.18	39.223	99.219	199.05	18.558	21.884	67.856

#1	.00269	.00160	.00028	-.00196	-.00121	-.02136	.00073
#2	-.00278	.00093	.00201	.00105	-.00158	-.03082	.00039
#3	.00483	.00215	.00053	-.00154	-.00113	-.02163	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00008	.00232	.00003	-.00005	-.00020	.00140
Stddev	.00002	.00013	.01935	.00011	.00006	.00048	.00026
%RSD	17.743	166.27	833.47	354.77	116.58	240.96	18.828

#1	.00008	.00003	.02271	.00010	.00001	.00035	.00125
#2	.00012	-.00002	.00003	.00009	-.00006	-.00048	.00124
#3	.00012	.00023	-.01578	-.00010	-.00010	-.00047	.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01581	-.00001	.00021	-.30479	-.00040	-.00003
Stddev	.00002	.02689	.00032	.00028	.01539	.00009	.00009
%RSD	42.095	170.04	5024.9	132.60	5.0481	21.605	344.25

#1	-.00003	.00615	.00034	.00035	-.31885	-.00049	-.00012
#2	-.00006	.04620	-.00030	-.00011	-.30716	-.00032	.00006
#3	-.00006	-.00491	-.00005	.00039	-.28835	-.00038	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08986	.00120	.01777	F -.01676	.00333	-.00271	.00091
Stddev	.01086	.00005	.01366	.00382	.00140	.00127	.00107
%RSD	12.080	3.7692	76.862	22.815	41.985	46.847	117.42

#1	-.10163	.00117	.00200	-.02117	.00454	-.00125	.00203
#2	-.08024	.00118	.02577	-.01455	.00364	-.00354	-.00010
#3	-.08772	.00125	.02555	-.01455	.00180	-.00334	.00079

Sample Name: CCB07 Acquired: 6/12/2019 20:00:40 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15101 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	.0018	.00022	F 6.7079	F<.00000
Stddev	.00069	.0013	.00004	.5287	.71672
%RSD	20.135	72.39	19.948	7.8813	43.466

#1	-.00366	.0013	.00025	7.2635	-2.3371
#2	-.00394	.0032	.00017	6.2111	-.90670
#3	-.00264	.0008	.00025	6.6490	-1.7030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.7	34233.	3496.6	58.758	2487.4
Stddev	7.3	122.	17.6	1.208	13.6
%RSD	.37130	.35581	.50454	2.0553	.54483

#1	1958.1	34249.	3477.2	60.100	2476.6
#2	1963.4	34347.	3511.6	57.758	2482.9
#3	1972.6	34105.	3501.1	58.417	2502.6

Sample Name: CCB07 Acquired: 6/12/2019 20:00:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	.00156	.00094	-.00082	-.00131	-.02460	.00089
Stddev	.00393	.00061	.00093	.00163	.00024	.00538	.00061
%RSD	248.18	39.223	99.219	199.05	18.558	21.884	67.856

#1	.00269	.00160	.00028	-.00196	-.00121	-.02136	.00073
#2	-.00278	.00093	.00201	.00105	-.00158	-.03082	.00039
#3	.00483	.00215	.00053	-.00154	-.00113	-.02163	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00008	.00232	.00003	-.00005	-.00020	.00140
Stddev	.00002	.00013	.01935	.00011	.00006	.00048	.00026
%RSD	17.743	166.27	833.47	354.77	116.58	240.96	18.828

#1	.00008	.00003	.02271	.00010	.00001	.00035	.00125
#2	.00012	-.00002	.00003	.00009	-.00006	-.00048	.00124
#3	.00012	.00023	-.01578	-.00010	-.00010	-.00047	.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01581	-.00001	.00021	-.30479	-.00040	-.00003
Stddev	.00002	.02689	.00032	.00028	.01539	.00009	.00009
%RSD	42.095	170.04	5024.9	132.60	5.0481	21.605	344.25

#1	-.00003	.00615	.00034	.00035	-.31885	-.00049	-.00012
#2	-.00006	.04620	-.00030	-.00011	-.30716	-.00032	.00006
#3	-.00006	-.00491	-.00005	.00039	-.28835	-.00038	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08986	.00120	.01777	F -.01676	.00333	-.00271	.00091
Stddev	.01086	.00005	.01366	.00382	.00140	.00127	.00107
%RSD	12.080	3.7692	76.862	22.815	41.985	46.847	117.42

#1	-.10163	.00117	.00200	-.02117	.00454	-.00125	.00203
#2	-.08024	.00118	.02577	-.01455	.00364	-.00354	-.00010
#3	-.08772	.00125	.02555	-.01455	.00180	-.00334	.00079

Sample Name: CCB07 Acquired: 6/12/2019 20:00:40 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15101 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	.0018	.00022	F 6.7079	F<.00000
Stddev	.00069	.0013	.00004	.5287	.71672
%RSD	20.135	72.39	19.948	7.8813	43.466

#1	-.00366	.0013	.00025	7.2635	-2.3371
#2	-.00394	.0032	.00017	6.2111	-.90670
#3	-.00264	.0008	.00025	6.6490	-1.7030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.7	34233.	3496.6	58.758	2487.4
Stddev	7.3	122.	17.6	1.208	13.6
%RSD	.37130	.35581	.50454	2.0553	.54483

#1	1958.1	34249.	3477.2	60.100	2476.6
#2	1963.4	34347.	3511.6	57.758	2482.9
#3	1972.6	34105.	3501.1	58.417	2502.6

Sample Name: K3280-09 Acquired: 6/12/2019 20:05:09 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MS 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	.83294	1.7903	.92590	1.7487	.72614	6.3160	.20484	.18643	.17943
Stddev	.00643	.0023	.00181	.0070	.00394	.0568	.00081	.00045	.00043
%RSD	.77160	.13054	.19590	.40326	.54192	.89935	.39421	.23873	.23864
#1	.83826	1.7878	.92462	1.7566	.72900	6.3387	.20431	.18664	.17903
#2	.82580	1.7923	.92512	1.7431	.72776	6.3579	.20577	.18591	.17937
#3	.83476	1.7909	.92798	1.7463	.72165	6.2514	.20444	.18673	.17988
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4476	.39715	.18959	.31151	4.6723	.20829	2.0202	.47161	.06648
Stddev	.0194	.00127	.00064	.00077	.0037	.00068	.0365	.00138	.00038
%RSD	.79102	.31977	.33945	.24723	.07814	.32808	1.8064	.29360	.56578
#1	2.4294	.39697	.18888	.31238	4.6686	.20895	1.9941	.47060	.06606
#2	2.4455	.39597	.18976	.31121	4.6725	.20759	2.0619	.47319	.06677
#3	2.4680	.39850	.19014	.31093	4.6759	.20835	2.0045	.47104	.06662
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	79.879	.34205	.23559	10.503	.40096	.39269	6.9174	7.5390	.63629
Stddev	.386	.00120	.00130	.062	.00049	.01286	.0176	.0510	.00338
%RSD	.48269	.34981	.55197	.58612	.12224	3.2760	.25422	.67611	.53053
#1	79.448	.34187	.23422	10.451	.40040	.38499	6.9075	7.5641	.63261
#2	79.998	.34333	.23574	10.571	.40114	.40755	6.9377	7.4804	.63702
#3	80.191	.34096	.23681	10.488	.40133	.38555	6.9070	7.5726	.63924
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.26416	.19526	6.081	.20803	7.8217	3.0139			
Stddev	.00277	.00163	.019	.00042	.1369	.3961			
%RSD	1.0492	.83369	.3091	.20322	1.7503	13.141			
#1	.26709	.19520	6.060	.20802	7.9754	3.2549			
#2	.26380	.19692	6.094	.20761	7.7129	3.2300			
#3	.26158	.19367	6.090	.20845	7.7769	2.5568			

Sample Name: K3280-09 Acquired: 6/12/2019 20:05:09 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MS 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	1927.4	33426.	3495.6	58.715	2340.4
Stddev	3.4	52.	23.2	.477	5.0
%RSD	.17856	.15665	.66502	.81246	.21463
#1	1923.9	33422.	3482.1	59.159	2345.9
#2	1927.6	33481.	3522.4	58.210	2336.2
#3	1930.8	33377.	3482.1	58.776	2339.1

Sample Name: K3280-10 Acquired: 6/12/2019 20:09:17 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MSD 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	.83849	1.7967	.93332	1.7584	.73213	6.7287	.20538	.18835	.18072
Stddev	.00033	.0018	.00110	.0071	.00174	.0284	.00073	.00033	.00047
%RSD	.03993	.09779	.11782	.40506	.23828	.42267	.35659	.17286	.25970

#1	.83869	1.7987	.93229	1.7506	.73406	6.7611	.20459	.18797	.18065
#2	.83866	1.7958	.93448	1.7646	.73165	6.7173	.20550	.18858	.18122
#3	.83810	1.7956	.93319	1.7601	.73067	6.7078	.20604	.18848	.18029

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4668	.40002	.19090	.31428	4.7213	.20933	2.0599	.47669	.06646
Stddev	.0371	.00069	.00052	.00088	.0030	.00046	.0713	.00144	.00043
%RSD	1.5047	.17180	.27107	.27952	.06266	.21810	3.4633	.30240	.64920

#1	2.4386	.40069	.19059	.31375	4.7187	.20944	2.1420	.47559	.06680
#2	2.4529	.40004	.19149	.31529	4.7208	.20972	2.0129	.47832	.06598
#3	2.5089	.39932	.19060	.31379	4.7245	.20883	2.0248	.47616	.06661

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	80.076	.34375	.23153	10.647	.40322	.41822	6.9355	7.9969	.64295
Stddev	.581	.00093	.00040	.022	.00065	.02258	.0176	.0428	.00281
%RSD	.72549	.27060	.17413	.20305	.16151	5.3988	.25429	.53587	.43668

#1	79.744	.34380	.23116	10.622	.40264	.40993	6.9384	8.0018	.64619
#2	79.736	.34465	.23196	10.664	.40393	.44377	6.9515	8.0370	.64137
#3	80.747	.34279	.23148	10.654	.40311	.40095	6.9166	7.9517	.64128

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26994	.19989	6.128	.20997	8.0498	2.5312
Stddev	.00146	.00113	.012	.00085	.1568	.6179
%RSD	.54051	.56685	.2024	.40397	1.9479	24.410

#1	.26834	.20061	6.114	.20899	7.9802	1.8187
#2	.27119	.20048	6.139	.21049	7.9399	2.8549
#3	.27029	.19858	6.129	.21043	8.2294	2.9199

Sample Name: K3280-10 Acquired: 6/12/2019 20:09:17 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3280-08MSD 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	1933.8	33546.	3493.7	59.765	2348.7
Stddev	5.6	51.	16.4	.369	8.2
%RSD	.28937	.15304	.46899	.61745	.35104
#1	1940.3	33491.	3484.3	59.856	2356.6
#2	1930.7	33556.	3484.2	59.360	2340.1
#3	1930.4	33592.	3512.6	60.081	2349.3

Sample Name: K3280-08A Acquired: 6/12/2019 20:13:24 Type: Unk
Method: P4-ICP2(v3196) 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	.00087	-.00032	.01553	.00191	-.00062	.01272	.03934
Stddev	.00243	.00110	.00100	.00171	.00148	.01841	.00023
%RSD	280.06	341.78	6.4084	89.803	236.77	144.74	.59289

#1	.00190	.00094	.01548	.00233	-.00097	.00662	.03914
#2	.00262	-.00086	.01654	.00336	-.00190	.03340	.03959
#3	-.00191	-.00104	.01455	.00002	.00099	-.00187	.03927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01175	28.885	.00429	.00069	.00286	.11550
Stddev	.00004	.00005	.073	.00039	.00006	.00017	.00034
%RSD	68.653	.39038	.25305	9.1040	9.1012	5.8735	.29175

#1	.00002	.01179	28.811	.00473	.00062	.00290	.11575
#2	.00005	.01176	28.957	.00401	.00075	.00267	.11512
#3	.00010	.01170	28.888	.00411	.00071	.00300	.11563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	3.8824	.00258	-.00078	61.579	.00074	.02440
Stddev	.00000	.0430	.00044	.00016	.233	.00024	.00002
%RSD	.14224	1.1072	16.888	20.994	.37894	32.023	.07050

#1	.00290	3.8549	.00255	-.00096	61.624	.00095	.02438
#2	.00290	3.9319	.00302	-.00076	61.787	.00078	.02442
#3	.00290	3.8604	.00215	-.00063	61.327	.00048	.02439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6571	.00051	.11757	F 28.989	5.2225	-.01268	.00013
Stddev	.0058	.00027	.01518	.062	.0065	.00074	.00082
%RSD	.10297	53.616	12.912	.21530	.12386	5.8073	643.56

#1	5.6619	.00060	.12843	29.026	5.2289	-.01211	.00001
#2	5.6588	.00073	.10023	28.917	5.2159	-.01351	.00101
#3	5.6506	.00020	.12406	29.023	5.2228	-.01242	-.00063

Sample Name: K3280-08A Acquired: 6/12/2019 20:13:24 Type: Unk
 Method: P4-ICP2(v3196) 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	-.00571	.0922	.16906	7.2343	F<.00000
Stddev	.00155	.0015	.00033	.1327	.29468
%RSD	27.216	1.661	.19415	1.8339	11.707
#1	-.00469	.0908	.16891	7.2311	-2.3272
#2	-.00750	.0920	.16944	7.3685	-2.8566
#3	-.00494	.0938	.16884	7.1033	-2.3677
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.2	33453.	3520.6	59.236	2383.3
Stddev	6.7	89.	15.6	1.212	5.3
%RSD	.34864	.26476	.44283	2.0459	.22156
#1	1920.0	33364.	3502.7	60.635	2377.4
#2	1933.2	33455.	3531.4	58.561	2384.8
#3	1928.4	33541.	3527.6	58.511	2387.6

Sample Name: K3280-11 Acquired: 6/12/2019 20:17:49 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	-.00121	.02871	.00388	-.00163	-.04048	.57976
Stddev	.00296	.00037	.00052	.00417	.00093	.00980	.00145
%RSD	153.25	30.442	1.8253	107.33	56.903	24.223	.25011

#1	.00051	-.00126	.02921	.00415	-.00142	-.03138	.57852
#2	-.00005	-.00155	.02816	.00792	-.00083	-.05086	.57940
#3	.00534	-.00082	.02876	-.00041	-.00265	-.03919	.58135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00015	86.484	.01370	.00017	.00349	.01024
Stddev	.00005	.00004	.312	.00068	.00006	.00009	.00099
%RSD	184.15	27.625	.36072	4.9308	37.168	2.6322	9.7106

#1	-.00002	-.00014	86.127	.01311	.00015	.00338	.00935
#2	.00002	-.00012	86.623	.01443	.00024	.00353	.01005
#3	.00008	-.00020	86.703	.01355	.00012	.00355	.01132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30403	22.949	-.00053	-.00118	97.786	-.00068	.02114
Stddev	.00009	.092	.00033	.00048	.365	.00012	.00009
%RSD	.02939	.40217	63.304	40.598	.37371	18.223	.43209

#1	.30397	22.894	-.00038	-.00074	97.375	-.00063	.02125
#2	.30399	22.897	-.00029	-.00169	98.074	-.00082	.02110
#3	.30413	23.055	-.00091	-.00111	97.909	-.00059	.02108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.021	.00020	.10819	F 28.767	8.6854	-.01218	-.00199
Stddev	.019	.00018	.00331	.077	.0444	.00129	.00059
%RSD	.16945	90.109	3.0622	.26676	.51109	10.627	29.586

#1	11.012	.00017	.11010	28.802	8.6373	-.01130	-.00132
#2	11.009	.00004	.11010	28.820	8.6939	-.01366	-.00241
#3	11.043	.00039	.10436	28.679	8.7249	-.01157	-.00223

Sample Name: K3280-11 Acquired: 6/12/2019 20:17:49 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	.1133	.86978	8.7347	F<.00000
Stddev	.00118	.0028	.00633	.2053	.96794
%RSD	35.571	2.436	.72795	2.3509	33.005

#1	-.00329	.1165	.86249	8.5065	-2.9173
#2	-.00450	.1118	.87390	8.7933	-1.9725
#3	-.00214	.1116	.87294	8.9044	-3.9082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.3	32574.	3515.5	57.930	2254.9
Stddev	8.8	87.	21.9	.423	13.2
%RSD	.47497	.26718	.62196	.72975	.58470

#1	1854.5	32613.	3536.7	58.176	2242.8
#2	1856.0	32474.	3493.1	57.442	2252.9
#3	1870.5	32634.	3516.7	58.173	2269.0

Sample Name: K3280-12 Acquired: 6/12/2019 20:22:13 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-SW4003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00007	.02795	.00289	-.00014	-.01661	.58389
Stddev	.00015	.00021	.00077	.00237	.00062	.02583	.00036
%RSD	6.0633	300.95	2.7704	81.814	457.68	155.55	.06097

#1	.00247	-.00031	.02882	.00296	.00020	-.02677	.58348
#2	.00267	.00006	.02771	.00049	-.00085	.01276	.58406
#3	.00238	.00005	.02732	.00523	.00024	-.03581	.58413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00026	87.457	.01389	.00003	.00286	.00296
Stddev	.00006	.00004	.109	.00056	.00005	.00013	.00031
%RSD	380.34	13.839	.12411	4.0077	156.89	4.5659	10.314

#1	.00004	-.00025	87.348	.01330	.00004	.00300	.00326
#2	-.00008	-.00029	87.457	.01441	.00007	.00275	.00265
#3	-.00001	-.00023	87.565	.01396	-.00002	.00282	.00297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30689	23.160	-.00049	-.00133	98.568	-.00068	.02464
Stddev	.00101	.058	.00014	.00051	.335	.00036	.00015
%RSD	.32987	.24969	28.633	38.720	.34001	53.142	.59864

#1	.30747	23.138	-.00064	-.00186	98.290	-.00077	.02464
#2	.30572	23.116	-.00046	-.00130	98.474	-.00028	.02450
#3	.30749	23.225	-.00037	-.00083	98.940	-.00098	.02479

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.080	-.00007	.09537	F 28.948	8.8289	-.01273	-.00109
Stddev	.016	.00021	.01214	.091	.0162	.00090	.00040
%RSD	.14280	308.54	12.727	.31339	.18347	7.0645	36.689

#1	11.065	-.00029	.08484	28.897	8.8203	-.01223	-.00149
#2	11.078	.00014	.09264	28.894	8.8476	-.01220	-.00108
#3	11.096	-.00005	.10865	29.052	8.8188	-.01377	-.00069

Sample Name: K3280-12 Acquired: 6/12/2019 20:22:13 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-SW4003 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	.1143	.88436	8.6735	F<.00000
Stddev	.00086	.0022	.00235	.2121	.46447
%RSD	29.560	1.947	.26577	2.4455	14.205

#1	-.00359	.1146	.88182	8.4893	-2.8028
#2	-.00322	.1163	.88480	8.6257	-3.2749
#3	-.00195	.1119	.88646	8.9054	-3.7317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.2	32685.	3502.2	58.687	2266.1
Stddev	4.1	93.	4.8	.422	2.8
%RSD	.21794	.28421	.13717	.71867	.12229

#1	1863.9	32582.	3496.7	58.400	2262.9
#2	1863.8	32763.	3504.8	58.490	2267.4
#3	1870.9	32709.	3505.2	59.171	2267.9

Sample Name: K3159-02 Acquired: 6/12/2019 20:26:38 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	-.00788	.00511	-.00158	.00062	.14437	.10229
Stddev	.00150	.00081	.00101	.00223	.00061	.01884	.00075
%RSD	123.18	10.221	19.796	141.65	98.824	13.050	.73394

#1	-.00184	-.00785	.00495	.00053	.00016	.16531	.10169
#2	.00049	-.00709	.00419	-.00134	.00038	.13901	.10313
#3	-.00231	-.00870	.00620	-.00392	.00131	.12880	.10204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00014	12.192	.00047	.00237	.00884	.35333
Stddev	.00001	.00007	.114	.00013	.00025	.00033	.00269
%RSD	15.795	49.658	.93555	27.984	10.463	3.6891	.76123

#1	.00006	-.00018	12.078	.00054	.00227	.00898	.35241
#2	.00005	-.00017	12.306	.00031	.00218	.00847	.35636
#3	.00005	-.00006	12.192	.00054	.00265	.00908	.35122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75479	1.6914	.00137	-.00013	315.36	-.00301	.02093
Stddev	.00173	.0234	.00035	.00009	2.75	.00036	.00003
%RSD	.22896	1.3841	25.581	69.321	.87185	11.987	.12976

#1	.75459	1.6645	.00170	-.00004	312.20	-.00306	.02091
#2	.75316	1.7022	.00139	-.00014	316.65	-.00334	.02096
#3	.75660	1.7074	.00100	-.00022	317.22	-.00263	.02093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51707	-.00005	.02436	.09835	.57215	-.00120	.00351
Stddev	.02017	.00024	.02164	.00605	.00483	.00051	.00069
%RSD	3.9005	479.36	88.831	6.1493	.84467	42.168	19.798

#1	.51515	-.00009	.00181	.10005	.57232	-.00072	.00418
#2	.49794	.00021	.02631	.10336	.56724	-.00116	.00355
#3	.53813	-.00027	.04496	.09163	.57690	-.00173	.00280

Sample Name: K3159-02 Acquired: 6/12/2019 20:26:38 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00635	.0054	.04341	8.8510	F<.00000
Stddev	.00091	.0009	.00009	.1880	.17944
%RSD	14.401	16.60	.21161	2.1239	3.9095
#1	-.00530	.0044	.04345	8.7493	-4.4853
#2	-.00678	.0060	.04347	8.7357	-4.4874
#3	-.00697	.0057	.04330	9.0679	-4.7971
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.1	32327.	3559.9	57.681	2219.1
Stddev	2.3	94.	16.7	.977	2.4
%RSD	.12417	.29208	.47037	1.6938	.10844
#1	1871.8	32433.	3552.2	58.342	2220.0
#2	1867.9	32253.	3579.1	58.142	2220.9
#3	1867.6	32294.	3548.4	56.558	2216.3

Sample Name: K3159-02DUP Acquired: 6/12/2019 20:31:12 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00700	.00447	.00076	.00023	.14391	.10176
Stddev	.00203	.00095	.00063	.00148	.00122	.01820	.00055
%RSD	82.724	13.508	14.154	194.01	533.15	12.649	.54387

#1	-.00326	-.00595	.00468	-.00094	-.00026	.12459	.10236
#2	-.00015	-.00778	.00498	.00154	-.00067	.14641	.10165
#3	-.00397	-.00728	.00376	.00168	.00162	.16073	.10127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00005	12.139	.00097	.00245	.00881	.35145
Stddev	.00003	.00005	.072	.00065	.00003	.00045	.00131
%RSD	52.045	92.790	.59023	66.863	1.2110	5.0543	.37328

#1	.00005	.00000	12.083	.00078	.00248	.00909	.35282
#2	.00007	-.00007	12.115	.00168	.00243	.00830	.35021
#3	.00002	-.00009	12.220	.00043	.00244	.00905	.35133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75695	1.7069	.00125	-.00033	316.94	-.00321	.02078
Stddev	.00052	.0480	.00028	.00022	1.03	.00021	.00009
%RSD	.06924	2.8144	22.556	65.481	.32601	6.5747	.41055

#1	.75650	1.6573	.00136	-.00028	316.70	-.00343	.02074
#2	.75752	1.7532	.00146	-.00058	316.05	-.00301	.02072
#3	.75682	1.7101	.00093	-.00015	318.07	-.00320	.02088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56825	.00028	.02869	.08943	.57082	-.00307	.00337
Stddev	.02273	.00024	.00195	.00624	.00575	.00022	.00188
%RSD	3.9994	84.532	6.8004	6.9727	1.0073	7.0839	55.771

#1	.54550	.00013	.02740	.08227	.56599	-.00300	.00551
#2	.56830	.00055	.02773	.09242	.57718	-.00332	.00264
#3	.59096	.00016	.03093	.09362	.56927	-.00291	.00197

Sample Name: K3159-02DUP Acquired: 6/12/2019 20:31:12 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00413	.0061	.04352	9.2469	F<.00000
Stddev	.00204	.0008	.00011	.0875	.43883
%RSD	49.395	12.71	.25861	.94579	9.1348
#1	-.00645	.0065	.04344	9.3195	-4.6306
#2	-.00331	.0066	.04365	9.1498	-4.4782
#3	-.00262	.0052	.04347	9.2714	-5.3029
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.3	32361.	3547.4	58.294	2223.0
Stddev	12.5	107.	23.0	.654	8.4
%RSD	.66902	.32921	.64697	1.1225	.37597
#1	1859.1	32254.	3548.5	57.917	2213.9
#2	1884.0	32362.	3523.9	57.917	2230.3
#3	1873.6	32467.	3569.8	59.050	2224.9

Sample Name: K3159-02LX5 Acquired: 6/12/2019 20:35:47 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8304 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00174	.00113	-.00098	-.00132	.02513	.02085
Stddev	.00393	.00154	.00098	.00013	.00144	.00901	.00027
%RSD	4535.2	88.576	87.049	12.857	109.14	35.856	1.2768

#1	.00189	-.00000	.00028	-.00089	.00028	.01506	.02054
#2	-.00461	-.00228	.00090	-.00113	-.00251	.03243	.02098
#3	.00246	-.00293	.00220	-.00093	-.00174	.02790	.02102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	2.4002	-.00009	.00059	.00170	.07233
Stddev	.00004	.00012	.0059	.00015	.00011	.00020	.00066
%RSD	165.71	527.15	.24508	160.54	19.100	11.866	.91071

#1	.00002	-.00004	2.4010	-.00004	.00063	.00154	.07305
#2	.00007	-.00014	2.4056	.00002	.00046	.00163	.07218
#3	-.00001	.00010	2.3940	-.00026	.00067	.00193	.07176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15705	.35059	-.00009	-.00026	62.429	-.00080	.00403
Stddev	.00022	.04221	.00009	.00040	.096	.00016	.00008
%RSD	.13944	12.038	94.009	153.59	.15422	20.176	2.0585

#1	.15728	.36989	-.00018	.00017	62.330	-.00096	.00413
#2	.15701	.30219	-.00008	-.00033	62.432	-.00063	.00399
#3	.15685	.37969	-.00001	-.00062	62.523	-.00081	.00398

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02142	-.00015	.00256	-.00158	.12305	-.00393	.00126
Stddev	.01043	.00026	.00488	.00237	.00219	.00029	.00193
%RSD	48.712	178.47	190.82	149.62	1.7807	7.4674	153.08

#1	.03344	-.00032	.00551	-.00411	.12546	-.00384	.00275
#2	.01478	-.00027	.00523	-.00121	.12250	-.00426	.00194
#3	.01603	.00015	-.00307	.00058	.12119	-.00370	-.00092

Sample Name: K3159-02LX5 Acquired: 6/12/2019 20:35:47 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8304 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00575	.0024	.00892	7.5194	F<.00000
Stddev	.00132	.0014	.00007	.0979	.35595
%RSD	23.028	59.87	.73517	1.3020	13.572

#1	-.00431	.0008	.00886	7.5438	-2.3513
#2	-.00601	.0035	.00891	7.4116	-3.0257
#3	-.00692	.0029	.00899	7.6028	-2.4911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.6	33765.	3558.8	59.937	2391.1
Stddev	5.3	54.	7.8	.586	9.5
%RSD	.27006	.15912	.21980	.97703	.39577

#1	1951.3	33719.	3559.5	60.502	2400.2
#2	1944.8	33824.	3566.3	59.976	2381.3
#3	1940.9	33752.	3550.7	59.333	2391.9

Sample Name: K3159-02MS Acquired: 6/12/2019 20:40:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 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	.81321	1.9380	1.0049	2.0602	.81411	2.3151	.31960	.20962	.20334
Stddev	.00606	.0015	.0020	.0065	.00373	.0226	.00257	.00032	.00040
%RSD	.74461	.07987	.20085	.31376	.45861	.97814	.80278	.15495	.19730

#1	.82013	1.9362	1.0026	2.0582	.81391	2.3023	.31694	.20963	.20288
#2	.80892	1.9388	1.0058	2.0549	.81048	2.3016	.31979	.20929	.20349
#3	.81056	1.9389	1.0063	2.0674	.81794	2.3412	.32206	.20994	.20363

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.441	.43269	.21168	.32795	3.5652	.95297	3.7948	.52163	.07409
Stddev	.111	.00124	.00089	.00081	.0035	.00187	.0519	.00189	.00046
%RSD	.82750	.28696	.42278	.24722	.09776	.19630	1.3672	.36176	.62036

#1	13.346	.43146	.21079	.32812	3.5613	.95213	3.7353	.51992	.07367
#2	13.413	.43265	.21166	.32706	3.5663	.95511	3.8309	.52365	.07458
#3	13.564	.43394	.21258	.32865	3.5680	.95167	3.8181	.52133	.07402

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	306.00	.33168	.23357	11.593	.42937	.34027	.08211	1.4450	.71143
Stddev	1.80	.00037	.00068	.096	.00043	.00801	.00532	.0131	.00253
%RSD	.58708	.11203	.29162	.83081	.10015	2.3531	6.4832	.90361	.35536

#1	304.09	.33208	.23292	11.540	.42986	.33150	.08663	1.4596	.71187
#2	306.26	.33134	.23351	11.535	.42908	.34719	.08345	1.4410	.70871
#3	307.66	.33163	.23428	11.704	.42916	.34212	.07624	1.4345	.71371

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21693	.21672	6.339	.25744	9.0309	.54037
Stddev	.00081	.00094	.005	.00138	.1596	.50359
%RSD	.37559	.43282	.0833	.53703	1.7669	93.193

#1	.21602	.21718	6.336	.25775	9.0209	.30512
#2	.21759	.21564	6.335	.25593	9.1952	.19746
#3	.21717	.21734	6.345	.25864	8.8765	1.1185

Sample Name: K3159-02MS Acquired: 6/12/2019 20:40:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 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	1883.0	32550.	3536.8	59.965	2221.6
Stddev	9.5	55.	21.4	.282	14.6
%RSD	.50702	.16931	.60476	.46966	.65578
#1	1891.6	32607.	3516.2	59.745	2237.6
#2	1884.8	32545.	3535.3	60.282	2218.4
#3	1872.7	32497.	3558.9	59.867	2209.0

Sample Name: K3159-02MSD Acquired: 6/12/2019 20:44:33 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 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	.81901	1.9557	1.0090	2.0745	.81845	2.3385	.31912	.21053	.20399
Stddev	.00256	.0037	.0006	.0005	.00390	.0231	.00301	.00033	.00040
%RSD	.31229	.18858	.05811	.02360	.47626	.98735	.94426	.15832	.19613

#1	.81610	1.9531	1.0096	2.0740	.81395	2.3128	.31814	.21038	.20408
#2	.82006	1.9599	1.0087	2.0749	.82069	2.3452	.31671	.21029	.20434
#3	.82088	1.9540	1.0086	2.0745	.82072	2.3575	.32250	.21091	.20355

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.311	.43500	.21296	.32965	3.5901	.94287	3.7432	.52292	.07416
Stddev	.136	.00087	.00066	.00051	.0053	.00237	.0690	.00071	.00078
%RSD	1.0218	.19988	.31119	.15445	.14789	.25086	1.8439	.13509	1.0527

#1	13.190	.43473	.21230	.32928	3.5892	.94124	3.7298	.52275	.07352
#2	13.286	.43430	.21363	.32943	3.5853	.94178	3.6819	.52369	.07503
#3	13.458	.43597	.21296	.33023	3.5958	.94558	3.8179	.52231	.07392

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	301.81	.33332	.23431	11.666	.43165	.35002	.07782	1.4394	.71520
Stddev	3.74	.00054	.00015	.077	.00108	.00843	.00337	.0060	.00104
%RSD	1.2397	.16318	.06354	.66161	.24928	2.4091	4.3274	.41470	.14495

#1	297.73	.33327	.23425	11.641	.43041	.34032	.08118	1.4430	.71489
#2	302.63	.33281	.23448	11.604	.43235	.35564	.07784	1.4427	.71636
#3	305.07	.33389	.23420	11.753	.43219	.35410	.07445	1.4325	.71436

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21989	.21932	6.376	.25827	8.8194	.46234
Stddev	.00224	.00035	.014	.00208	.0151	.38411
%RSD	1.0209	.15882	.2241	.80438	.17152	83.080

#1	.22193	.21897	6.385	.26047	8.8318	.08791
#2	.21748	.21934	6.384	.25799	8.8240	.85545
#3	.22026	.21966	6.360	.25634	8.8026	.44366

Sample Name: K3159-02MSD Acquired: 6/12/2019 20:44:33 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 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	1875.9	32513.	3531.2	58.765	2214.8
Stddev	1.8	45.	20.7	1.475	5.7
%RSD	.09672	.13704	.58605	2.5093	.25679
#1	1874.2	32501.	3520.4	58.008	2209.0
#2	1875.8	32562.	3518.1	57.823	2214.8
#3	1877.8	32476.	3555.1	60.465	2220.4

Sample Name: CCV08 Acquired: 6/12/2019 20:48:49 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0461	5.0683	5.0678	4.9842	5.0547	10.244	10.035	.25776
Stddev	.0223	.0115	.0185	.0188	.0100	.047	.029	.00044
%RSD	.44115	.22588	.36441	.37750	.19682	.46152	.28582	.17197
#1	5.0629	5.0553	5.0465	4.9987	5.0593	10.202	10.063	.25827
#2	5.0546	5.0767	5.0772	4.9910	5.0616	10.235	10.006	.25754
#3	5.0209	5.0728	5.0797	4.9629	5.0433	10.295	10.036	.25747
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5144	25.476	1.0210	2.5271	1.2915	5.1709	2.6348	25.424
Stddev	.0059	.034	.0039	.0060	.0029	.0067	.0041	.167
%RSD	.23436	.13180	.38527	.23711	.22454	.13041	.15462	.65789
#1	2.5077	25.474	1.0164	2.5202	1.2913	5.1691	2.6369	25.236
#2	2.5188	25.511	1.0228	2.5301	1.2886	5.1652	2.6301	25.477
#3	2.5166	25.444	1.0236	2.5310	1.2944	5.1783	2.6373	25.558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5261	1.2724	25.031	2.6126	2.5219	25.294	5.1243	5.0714
Stddev	.0028	.0009	.099	.0062	.0055	.108	.0131	.0345
%RSD	.11226	.07266	.39404	.23709	.21887	.42802	.25505	.68107
#1	2.5243	1.2718	25.090	2.6147	2.5160	25.406	5.1388	5.1089
#2	2.5246	1.2720	24.918	2.6057	2.5270	25.190	5.1209	5.0409
#3	2.5293	1.2735	25.087	2.6175	2.5227	25.287	5.1133	5.0643
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0433	5.0020	5.0596	5.0853	5.1121	5.124	5.0786	F 7.8980
Stddev	.0147	.0079	.0186	.0208	.0288	.014	.0249	.2616
%RSD	.29092	.15856	.36705	.40878	.56302	.2760	.48944	3.3121
#1	5.0283	4.9934	5.0409	5.1038	5.1358	5.110	5.1001	7.8240
#2	5.0439	5.0035	5.0598	5.0628	5.0801	5.139	5.0514	7.6815
#3	5.0576	5.0090	5.0780	5.0894	5.1204	5.123	5.0844	8.1887

Sample Name: CCV08 Acquired: 6/12/2019 20:48:49 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15104 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .94350
Stddev	.33935
%RSD	35.967

#1	.55282
#2	1.1651
#3	1.1126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.8	32861.	3498.5	57.134	2207.7
Stddev	4.5	109.	21.6	.946	2.1
%RSD	.23933	.33131	.61857	1.6565	.09448

#1	1884.7	32748.	3476.0	58.227	2209.0
#2	1891.4	32966.	3519.2	56.576	2208.8
#3	1893.3	32868.	3500.2	56.600	2205.3

Sample Name: CCB08 Acquired: 6/12/2019 20:52:48 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15104 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.00058	.00059	-.00058	.00039	-.01175	.00125
Stddev	.00207	.00028	.00104	.00226	.00119	.00376	.00032
%RSD	538.49	49.276	176.56	391.90	308.60	32.038	25.677

#1	.00167	.00076	-.00004	.00200	.00057	-.01589	.00126
#2	-.00035	.00025	.00002	-.00146	.00148	-.00854	.00158
#3	-.00247	.00072	.00179	-.00227	-.00089	-.01082	.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00001	.00776	.00025	-.00001	-.00020	.00078
Stddev	.00004	.00007	.00662	.00044	.00022	.00014	.00053
%RSD	43.337	979.48	85.328	176.30	3334.8	69.441	68.226

#1	.00012	-.00005	.00497	.00057	.00017	-.00033	.00134
#2	.00005	.00007	.00299	-.00026	.00006	-.00022	.00028
#3	.00013	-.00005	.01532	.00044	-.00025	-.00005	.00071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01224	-.00004	-.00022	-.41843	-.00007	.00014
Stddev	.00004	.02636	.00015	.00021	.00388	.00036	.00009
%RSD	55.617	215.41	413.66	93.726	.92670	495.66	65.892

#1	-.00003	-.02066	.00000	-.00034	-.41449	-.00048	.00008
#2	-.00006	-.03336	-.00020	-.00033	-.42225	.00016	.00010
#3	-.00010	.01730	.00009	.00002	-.41854	.00011	.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09424	.00139	.01403	F -.03155	.00352	-.00227	-.00010
Stddev	.01665	.00046	.00400	.00211	.00175	.00028	.00077
%RSD	17.668	33.049	28.471	6.6828	49.715	12.186	732.56

#1	-.11288	.00177	.01593	-.03340	.00487	-.00240	-.00099
#2	-.08083	.00153	.00944	-.02925	.00414	-.00196	.00027
#3	-.08901	.00088	.01672	-.03200	.00154	-.00247	.00040

Sample Name: CCB08 Acquired: 6/12/2019 20:52:48 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15104 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00521	.0029	.00023	F 5.9735	F<.00000
Stddev	.00050	.0033	.00014	.1327	.54554
%RSD	9.5518	114.2	58.451	2.2218	31.588
#1	-.00485	.0022	.00039	5.8203	-1.2485
#2	-.00501	.0064	.00016	6.0459	-1.6115
#3	-.00578	-.0000	.00015	6.0542	-2.3211
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.6	34322.	3506.8	58.319	2502.0
Stddev	1.2	104.	26.5	.800	2.2
%RSD	.05889	.30252	.75582	1.3722	.08807
#1	1976.9	34279.	3478.9	59.067	2502.2
#2	1976.9	34248.	3531.7	57.475	2499.8
#3	1978.9	34441.	3509.8	58.417	2504.2

Sample Name: K3159-02A Acquired: 6/12/2019 20:57:18 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8304 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81650	1.9529	1.0090	2.0602	.81170	2.2896	.31423	.21037
Stddev	.00295	.0075	.0020	.0082	.00139	.0187	.00224	.00033
%RSD	.36188	.38305	.19461	.39891	.17076	.81830	.71272	.15575
#1	.81319	1.9615	1.0077	2.0597	.81236	2.3084	.31653	.21067
#2	.81888	1.9477	1.0113	2.0686	.81264	2.2894	.31205	.21042
#3	.81741	1.9494	1.0081	2.0522	.81011	2.2709	.31411	.21002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20395	13.238	.43608	.21266	.32890	3.5975	.95286	3.7296
Stddev	.00088	.120	.00069	.00057	.00158	.0049	.00223	.0228
%RSD	.43118	.90432	.15884	.26741	.48174	.13579	.23430	.61093
#1	.20451	13.376	.43642	.21330	.33043	3.6031	.95521	3.7343
#2	.20440	13.163	.43654	.21222	.32900	3.5945	.95259	3.7049
#3	.20294	13.174	.43528	.21245	.32727	3.5949	.95077	3.7497
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52267	.07426	304.28	.33324	.23262	11.465	.43113	.33859
Stddev	.00098	.00035	1.79	.00030	.00071	.078	.00123	.00830
%RSD	.18824	.47463	.58874	.09150	.30717	.68359	.28463	2.4514
#1	.52244	.07459	304.30	.33359	.23345	11.555	.43254	.33411
#2	.52375	.07430	306.07	.33309	.23224	11.426	.43034	.34817
#3	.52182	.07389	302.48	.33303	.23218	11.414	.43050	.33350
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08205	1.4773	.71682	.21884	.21917	6.358	.25903	8.9406
Stddev	.00262	.0126	.00332	.00140	.00169	.020	.00020	.0190
%RSD	3.1955	.85534	.46293	.64120	.77152	.3103	.07613	.21249
#1	.07994	1.4638	.71883	.22033	.21928	6.381	.25882	8.9553
#2	.08122	1.4889	.71299	.21864	.22080	6.351	.25921	8.9191
#3	.08499	1.4792	.71863	.21755	.21742	6.343	.25907	8.9472

Sample Name: K3159-02A Acquired: 6/12/2019 20:57:18 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8304 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.43307
%RSD	1097.6

#1	.44279
#2	-.16597
#3	-.39518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.5	32198.	3437.0	58.575	2199.9
Stddev	7.2	67.	16.5	.760	8.7
%RSD	.38531	.20774	.48146	1.2981	.39334

#1	1860.3	32132.	3449.9	58.813	2191.4
#2	1867.4	32195.	3418.3	59.187	2199.6
#3	1874.7	32266.	3442.6	57.724	2208.7

Sample Name: K3159-04 Acquired: 6/12/2019 21:01:35 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00757	.01091	-.00029	.00105	.12256	.09769
Stddev	.00150	.00132	.00040	.00129	.00045	.00558	.00023
%RSD	112.56	17.387	3.6362	437.89	42.734	4.5510	.23594

#1	-.00305	-.00741	.01135	.00097	.00141	.12828	.09745
#2	-.00067	-.00895	.01081	-.00161	.00119	.12226	.09771
#3	-.00028	-.00633	.01057	-.00024	.00055	.11714	.09790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00006	19.931	.00054	.00277	.00508	.54198
Stddev	.00007	.00005	.025	.00023	.00029	.00053	.00384
%RSD	117.50	77.372	.12680	42.632	10.444	10.362	.70798

#1	.00008	-.00011	19.911	.00058	.00251	.00560	.53756
#2	-.00002	-.00002	19.959	.00074	.00274	.00508	.54433
#3	.00011	-.00004	19.923	.00029	.00308	.00455	.54407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47121	2.3693	.00119	-.00033	283.43	-.00178	.03120
Stddev	.00101	.0258	.00071	.00023	.82	.00055	.00014
%RSD	.21331	1.0888	59.902	70.886	.28987	31.207	.43416

#1	.47014	2.3991	.00078	-.00056	282.49	-.00150	.03104
#2	.47214	2.3536	.00201	-.00009	283.79	-.00142	.03129
#3	.47135	2.3552	.00078	-.00034	284.01	-.00241	.03127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70642	.00067	.01277	.19691	.92862	-.00298	.00282
Stddev	.00621	.00015	.01593	.00302	.00081	.00041	.00032
%RSD	.87976	22.471	124.81	1.5334	.08735	13.682	11.277

#1	.71347	.00051	.03080	.19631	.92770	-.00346	.00266
#2	.70402	.00080	.00690	.19423	.92892	-.00275	.00318
#3	.70176	.00072	.00060	.20018	.92924	-.00274	.00261

Sample Name: K3159-04 Acquired: 6/12/2019 21:01:35 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-061119 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00327	.0041	.07666	8.4718	F<.00000
Stddev	.00110	.0023	.00034	.1227	.34593
%RSD	33.548	57.12	.44256	1.4485	7.7012
#1	-.00212	.0019	.07628	8.4703	-4.2134
#2	-.00430	.0065	.07677	8.5953	-4.8792
#3	-.00340	.0037	.07693	8.3499	-4.3833
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.1	32171.	3525.6	59.175	2223.5
Stddev	4.2	77.	4.6	1.087	4.5
%RSD	.22607	.23936	.13021	1.8378	.20450
#1	1877.0	32119.	3523.3	59.958	2226.5
#2	1876.1	32136.	3530.8	57.933	2225.7
#3	1869.3	32260.	3522.5	59.633	2218.2

Sample Name: K3183-12 Acquired: 6/12/2019 21:06:10 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	-.00693	.06422	.00311	.00105	-.01817	.28556
Stddev	.00370	.00034	.00164	.00076	.00035	.00951	.00144
%RSD	91.446	4.8635	2.5520	24.486	33.165	52.327	.50369

#1	-.00014	-.00723	.06587	.00224	.00137	-.02015	.28693
#2	.00542	-.00656	.06418	.00341	.00068	-.00783	.28568
#3	.00688	-.00699	.06260	.00368	.00109	-.02653	.28406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00065	114.00	-.00005	.00621	.00590	.06308
Stddev	.00004	.00009	.39	.00065	.00019	.00015	.00075
%RSD	82.519	14.400	.34163	1222.1	3.1263	2.4800	1.1915

#1	-.00009	.00055	113.72	.00048	.00618	.00578	.06376
#2	-.00007	.00070	113.84	-.00078	.00602	.00606	.06227
#3	-.00000	.00072	114.45	.00013	.00641	.00585	.06322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95451	2.3535	.01614	-.00167	288.99	-.00402	.35152
Stddev	.00034	.0448	.00053	.00023	2.90	.00062	.00008
%RSD	.03609	1.9032	3.2772	13.844	1.0041	15.356	.02215

#1	.95485	2.3489	.01617	-.00193	286.51	-.00418	.35147
#2	.95452	2.3112	.01665	-.00150	292.18	-.00334	.35148
#3	.95416	2.4005	.01559	-.00158	288.28	-.00455	.35161

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7884	.00023	.05534	1.3161	.66982	-.00260	-.00135
Stddev	.0115	.00005	.01319	.0096	.00295	.00048	.00003
%RSD	.64394	23.808	23.826	.72919	.44088	18.492	2.3561

#1	1.8017	.00021	.05498	1.3165	.66673	-.00264	-.00134
#2	1.7823	.00029	.06871	1.3063	.67013	-.00306	-.00133
#3	1.7813	.00019	.04234	1.3255	.67261	-.00210	-.00139

Sample Name: K3183-12 Acquired: 6/12/2019 21:06:10 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.0027	.31799	8.5200	F<.00000
Stddev	.00050	.0015	.00076	.1511	.47080
%RSD	90.786	57.61	.23976	1.7735	9.8101

#1	-.00086	.0040	.31790	8.5970	-4.6061
#2	-.00081	.0010	.31728	8.3459	-4.4554
#3	.00003	.0030	.31879	8.6170	-5.3357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.5	31797.	3502.5	58.468	2170.8
Stddev	4.4	21.	4.9	.529	4.1
%RSD	.24045	.06612	.13920	.90563	.19020

#1	1837.6	31773.	3501.0	58.498	2174.9
#2	1830.0	31807.	3508.0	58.981	2170.9
#3	1829.9	31812.	3498.6	57.924	2166.7

Sample Name: K3265-09 Acquired: 6/12/2019 21:10:45 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-01-(0-37)C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00824	.01068	-.00147	.00073	.00249	.27405
Stddev	.00233	.00177	.00110	.00041	.00088	.01472	.00217
%RSD	10355.	21.530	10.312	27.887	120.03	590.10	.79300

#1	-.00259	-.00754	.00943	-.00194	.00086	.00598	.27155
#2	.00078	-.00693	.01108	-.00118	.00154	.01516	.27507
#3	.00188	-.01026	.01152	-.00129	-.00020	-.01366	.27553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00010	46.053	-.00005	.03191	.00349	2.0657
Stddev	.00007	.00007	.605	.00024	.00004	.00050	.0044
%RSD	34.270	71.109	1.3131	535.55	.11632	14.208	.21350

#1	.00015	-.00018	45.358	-.00032	.03192	.00355	2.0611
#2	.00028	-.00006	46.348	.00009	.03187	.00296	2.0699
#3	.00017	-.00005	46.454	.00010	.03195	.00394	2.0661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88697	2.5033	.24846	-.00088	462.67	-.00300	.13331
Stddev	.00181	.0915	.00149	.00040	6.68	.00012	.00035
%RSD	.20413	3.6551	.60167	45.062	1.4439	3.9398	.26464

#1	.88600	2.4014	.24960	-.00129	454.97	-.00300	.13350
#2	.88906	2.5784	.24901	-.00084	466.88	-.00288	.13354
#3	.88585	2.5303	.24676	-.00050	466.16	-.00312	.13291

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9892	.00033	.09262	1.9159	.91412	-.00174	.00053
Stddev	.0203	.00011	.00862	.0190	.01470	.00044	.00068
%RSD	1.0212	33.468	9.3023	.98963	1.6079	25.480	129.38

#1	1.9856	.00021	.08283	1.9376	.93032	-.00218	.00099
#2	1.9709	.00043	.09596	1.9028	.90164	-.00174	-.00026
#3	2.0111	.00035	.09906	1.9072	.91039	-.00130	.00085

Sample Name: K3265-09 Acquired: 6/12/2019 21:10:45 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-01-(0-37)C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.0020	.11611	9.2406	F<.00000
Stddev	.00182	.0038	.00014	.3212	.15255
%RSD	579.34	188.5	.11999	3.4763	3.1216
#1	-.00139	-.0023	.11626	9.1611	-4.7648
#2	.00223	.0051	.11599	9.5941	-4.8384
#3	.00010	.0032	.11607	8.9665	-5.0580
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.1	31518.	3526.1	59.569	2140.1
Stddev	1.6	53.	24.7	1.444	4.9
%RSD	.08811	.16870	.70083	2.4233	.22853
#1	1828.8	31579.	3497.7	57.917	2136.9
#2	1829.5	31494.	3542.9	60.583	2137.7
#3	1831.9	31481.	3537.7	60.208	2145.7

Sample Name: K3265-10 Acquired: 6/12/2019 21:15:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-04-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00906	.00814	.00337	-.00070	-.04634	.26448
Stddev	.00162	.00226	.00118	.00346	.00170	.01341	.00125
%RSD	238.42	24.948	14.511	102.69	241.62	28.937	.47380

#1	-.00032	-.00652	.00910	.00685	-.00051	-.05335	.26306
#2	-.00019	-.01084	.00682	-.00007	-.00249	-.03088	.26544
#3	.00254	-.00983	.00851	.00334	.00089	-.05478	.26493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00021	134.21	-.00019	.00102	.00232	.00339
Stddev	.00006	.00007	.51	.00028	.00011	.00040	.00015
%RSD	106.17	31.820	.38242	147.35	11.026	17.349	4.3745

#1	-.00004	.00013	133.63	-.00046	.00114	.00270	.00340
#2	-.00001	.00023	134.59	.00010	.00096	.00190	.00323
#3	-.00012	.00026	134.43	-.00020	.00094	.00237	.00353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1379	5.6736	.03414	-.00199	362.06	-.00448	.09294
Stddev	.0014	.1397	.00041	.00011	1.82	.00023	.00031
%RSD	.12628	2.4618	1.2073	5.3598	.50195	5.1359	.33498

#1	1.1373	5.5380	.03388	-.00193	360.03	-.00473	.09282
#2	1.1368	5.8171	.03394	-.00211	363.53	-.00428	.09330
#3	1.1395	5.6658	.03462	-.00193	362.63	-.00444	.09271

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7309	.00023	.05145	.89069	1.0156	-.00164	-.00150
Stddev	.0410	.00034	.01547	.00205	.0066	.00104	.00222
%RSD	2.3711	145.59	30.070	.23056	.64983	63.164	147.90

#1	1.6956	-.00010	.03482	.89296	1.0213	-.00227	-.00316
#2	1.7759	.00022	.06542	.89015	1.0084	-.00044	-.00237
#3	1.7213	.00058	.05411	.88897	1.0171	-.00221	.00102

Sample Name: K3265-10 Acquired: 6/12/2019 21:15:16 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-04-COMP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.0384	.38021	9.0110	F<.00000
Stddev	.00137	.0013	.00152	.2149	.28226
%RSD	177.71	3.468	.39892	2.3849	5.1957

#1	.00028	.0381	.38162	9.2571	-5.6642
#2	.00233	.0399	.37860	8.9150	-5.5155
#3	-.00029	.0373	.38040	8.8608	-5.1182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.7	31518.	3484.1	57.335	2133.3
Stddev	6.2	90.	23.0	1.520	8.2
%RSD	.34030	.28626	.65968	2.6506	.38239

#1	1812.1	31472.	3458.6	56.462	2130.4
#2	1816.5	31461.	3503.1	56.453	2126.9
#3	1824.3	31622.	3490.7	59.090	2142.5

Sample Name: K3265-11 Acquired: 6/12/2019 21:19:50 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-03-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	-.00598	.02597	-.00267	.00122	-.06156	.04606
Stddev	.00227	.00056	.00136	.00145	.00175	.00865	.00067
%RSD	51.682	9.3807	5.2411	54.515	143.47	14.050	1.4444

#1	.00383	-.00593	.02529	-.00188	.00242	-.05444	.04536
#2	.00245	-.00657	.02508	-.00434	.00202	-.05904	.04669
#3	.00687	-.00545	.02754	-.00178	-.00079	-.07118	.04612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00061	188.12	.00063	-.00055	.00324	-.00073
Stddev	.00003	.00010	1.07	.00015	.00016	.00047	.00030
%RSD	60.474	17.093	.56878	24.183	28.928	14.534	41.458

#1	-.00010	-.00067	186.97	.00065	-.00066	.00275	-.00049
#2	-.00004	-.00049	188.28	.00047	-.00037	.00369	-.00063
#3	-.00004	-.00068	189.10	.00078	-.00062	.00327	-.00108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03467	4.4679	-.00195	-.00273	392.88	.00246	.02694
Stddev	.00021	.0727	.00038	.00059	2.13	.00035	.00003
%RSD	.61331	1.6280	19.482	21.773	.54194	14.351	.12486

#1	.03491	4.3858	-.00220	-.00275	391.57	.00273	.02690
#2	.03458	4.4934	-.00151	-.00212	391.74	.00259	.02695
#3	.03452	4.5245	-.00214	-.00331	395.34	.00206	.02696

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66520	.00025	.10604	3.0805	6.6332	-.00163	-.00511
Stddev	.03916	.00030	.00647	.0150	.0452	.00027	.00074
%RSD	5.8870	118.46	6.1037	.48793	.68079	16.497	14.506

#1	.62492	.00057	.10106	3.0646	6.6075	-.00151	-.00541
#2	.66755	.00020	.11335	3.0823	6.6068	-.00145	-.00427
#3	.70313	-.00002	.10370	3.0945	6.6853	-.00194	-.00566

Sample Name: K3265-11 Acquired: 6/12/2019 21:19:50 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-03-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.2134	.32204	9.5995	F<.00000
Stddev	.00091	.0028	.00297	.0655	.50989
%RSD	20.256	1.303	.92340	.68196	8.5273

#1	.00533	.2166	.32094	9.6048	-5.6030
#2	.00455	.2118	.31978	9.5315	-6.5597
#3	.00353	.2118	.32541	9.6621	-5.7756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.8	31108.	3455.8	58.438	2108.8
Stddev	3.2	72.	25.4	1.168	7.5
%RSD	.17733	.23244	.73594	1.9995	.35544

#1	1790.7	31059.	3450.8	57.332	2101.0
#2	1797.1	31191.	3483.3	58.322	2115.9
#3	1793.5	31075.	3433.2	59.660	2109.4

Sample Name: K3265-12 Acquired: 6/12/2019 21:24:23 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00665	.00780	-.00094	-.00053	-.06299	.14090
Stddev	.00170	.00129	.00091	.00352	.00268	.00810	.00097
%RSD	187.65	19.324	11.644	373.45	507.19	12.863	.68589

#1	.00253	-.00569	.00722	.00129	-.00105	-.05908	.14009
#2	-.00087	-.00616	.00734	.00088	.00238	-.05759	.14063
#3	.00106	-.00811	.00885	-.00500	-.00291	-.07231	.14197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00049	153.04	-.00012	.00607	.00229	.08750
Stddev	.00007	.00006	.73	.00042	.00019	.00013	.00153
%RSD	178.39	12.695	.47913	348.18	3.0510	5.8643	1.7529

#1	-.00009	-.00056	152.44	-.00060	.00628	.00235	.08910
#2	-.00008	-.00047	152.82	.00005	.00600	.00238	.08737
#3	.00004	-.00045	153.86	.00019	.00592	.00213	.08604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47800	1.1916	.05306	-.00212	310.00	-.00220	.06264
Stddev	.00140	.0298	.00079	.00031	1.59	.00034	.00022
%RSD	.29354	2.5018	1.4836	14.558	.51429	15.618	.35137

#1	.47950	1.2040	.05362	-.00202	308.30	-.00217	.06266
#2	.47778	1.2133	.05216	-.00247	310.25	-.00188	.06285
#3	.47672	1.1576	.05340	-.00187	311.46	-.00256	.06241

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3997	.00092	.04410	2.2121	.90310	-.00241	-.00394
Stddev	.0380	.00014	.00808	.0058	.00247	.00039	.00192
%RSD	2.7174	15.178	18.327	.26286	.27333	15.999	48.646

#1	1.4327	.00108	.04490	2.2078	.90483	-.00281	-.00599
#2	1.4083	.00083	.03565	2.2187	.90420	-.00238	-.00363
#3	1.3581	.00085	.05176	2.2097	.90027	-.00205	-.00219

Sample Name: K3265-12 Acquired: 6/12/2019 21:24:23 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.0030	.54334	9.1047	F<.00000
Stddev	.00101	.0013	.00151	.1433	.10707
%RSD	360.59	42.56	.27822	1.5739	2.1474

#1	.00033	.0015	.54301	8.9625	-4.9446
#2	.00028	.0039	.54499	9.1026	-4.9059
#3	-.00144	.0035	.54202	9.2491	-5.1076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.6	31636.	3449.9	57.865	2156.0
Stddev	8.2	28.	14.3	1.020	7.4
%RSD	.45094	.08851	.41419	1.7623	.34245

#1	1814.2	31606.	3439.8	58.265	2151.2
#2	1822.9	31661.	3443.6	56.705	2152.4
#3	1830.6	31642.	3466.2	58.623	2164.5

Sample Name: K3281-02 Acquired: 6/12/2019 21:28:58 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-COM Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00646	.02077	.00000	-.00015	-.06547	.06058
Stddev	.00371	.00150	.00079	.00285	.00042	.00899	.00075
%RSD	503.46	23.238	3.7852	251900.	273.73	13.732	1.2373

#1	.00474	-.00654	.02024	.00123	.00033	-.05841	.06033
#2	-.00257	-.00492	.02040	-.00326	-.00036	-.06241	.06143
#3	.00003	-.00792	.02167	.00203	-.00043	-.07559	.05999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00061	156.87	.00599	-.00026	.00211	-.00466
Stddev	.00008	.00011	.88	.00020	.00030	.00038	.00061
%RSD	288.81	18.782	.55826	3.3543	115.29	17.969	13.040

#1	.00002	-.00057	155.87	.00577	-.00046	.00186	-.00512
#2	-.00004	-.00074	157.20	.00605	.00008	.00254	-.00397
#3	.00011	-.00052	157.53	.00616	-.00041	.00191	-.00489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	1.4843	-.00295	-.00211	299.29	.00207	.00698
Stddev	.00009	.0409	.00024	.00029	2.19	.00029	.00009
%RSD	549.38	2.7560	8.2357	13.755	.73275	14.147	1.2398

#1	-.00012	1.4372	-.00315	-.00188	298.28	.00186	.00698
#2	.00003	1.5054	-.00303	-.00243	301.81	.00194	.00707
#3	.00004	1.5104	-.00268	-.00201	297.79	.00240	.00689

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92974	.00031	.05288	5.0817	5.2430	-.00243	-.00437
Stddev	.01312	.00028	.01023	.0083	.0407	.00109	.00143
%RSD	1.4114	91.009	19.336	.16427	.77657	44.599	32.819

#1	.94051	.00044	.06436	5.0912	5.2897	-.00176	-.00279
#2	.91513	-.00001	.04957	5.0783	5.2246	-.00369	-.00559
#3	.93359	.00050	.04473	5.0756	5.2148	-.00185	-.00473

Sample Name: K3281-02 Acquired: 6/12/2019 21:28:58 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.0009	.68260	9.0621	F<.00000
Stddev	.00161	.0015	.00280	.1842	.39919
%RSD	857.47	177.5	.41029	2.0323	7.4496
#1	-.00168	-.0026	.68473	9.2693	-5.7633
#2	.00112	-.0001	.67943	8.9171	-4.9651
#3	.00112	.0001	.68365	8.9998	-5.3471
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.8	31729.	3488.4	57.934	2164.1
Stddev	2.1	59.	24.9	.730	.9
%RSD	.11786	.18561	.71316	1.2609	.04379
#1	1820.4	31708.	3459.7	58.164	2164.3
#2	1824.6	31684.	3503.4	57.116	2164.9
#3	1823.4	31796.	3502.1	58.522	2163.1

Sample Name: K3282-02 Acquired: 6/12/2019 21:33:32 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 25082-2022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.01032	.03640	.00114	.00082	6.5833	.78368
Stddev	.00225	.00086	.00063	.00079	.00102	.0716	.00263
%RSD	175.09	8.3046	1.7354	69.115	125.27	1.0879	.33621

#1	.00163	-.00949	.03688	.00069	-.00035	6.6653	.78602
#2	.00335	-.01120	.03568	.00204	.00122	6.5511	.78083
#3	-.00112	-.01028	.03663	.00068	.00158	6.5334	.78420

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00052	4.5326	.00804	.00193	.01589	8.0920
Stddev	.00001	.00005	.0213	.00035	.00009	.00017	.0486
%RSD	2.5875	9.3735	.47049	4.3328	4.4315	1.0776	.60096

#1	.00056	-.00056	4.5380	.00763	.00188	.01608	8.0656
#2	.00058	-.00053	4.5506	.00826	.00202	.01586	8.0622
#3	.00056	-.00047	4.5090	.00821	.00187	.01574	8.1481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13279	.83491	-.00025	-.00015	436.32	.01169	.40751
Stddev	.00116	.04645	.00022	.00016	2.09	.00033	.00097
%RSD	.87629	5.5630	89.301	110.83	.47951	2.8630	.23838

#1	.13174	.88612	.00000	-.00007	434.27	.01133	.40862
#2	.13258	.79550	-.00032	-.00004	436.24	.01175	.40713
#3	.13404	.82310	-.00042	-.00033	438.45	.01199	.40679

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.802	.00036	.21035	1.3513	7.8517	-.00190	.16369
Stddev	.103	.00017	.01246	.0040	.1486	.00038	.00545
%RSD	.61177	46.956	5.9225	.29435	1.8924	19.716	3.3276

#1	16.793	.00055	.22417	1.3471	7.6816	-.00154	.16936
#2	16.704	.00032	.20690	1.3549	7.9171	-.00229	.16319
#3	16.909	.00022	.19999	1.3520	7.9564	-.00188	.15850

Sample Name: K3282-02 Acquired: 6/12/2019 21:33:32 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 25082-2022 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.1419	.02017	9.6769	F<.00000
Stddev	.00149	.0022	.00004	.5318	.85995
%RSD	4191.6	1.548	.18730	5.4957	49.995

#1	-.00106	.1442	.02019	10.068	-1.7832
#2	-.00073	.1416	.02012	9.8911	-.83030
#3	.00167	.1398	.02018	9.0713	-2.5467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.3	31348.	3395.5	56.045	2132.7
Stddev	15.8	69.	17.4	.745	16.5
%RSD	.85041	.21885	.51242	1.3301	.77510

#1	1837.4	31276.	3408.3	55.774	2114.7
#2	1868.9	31413.	3402.5	55.472	2147.2
#3	1853.8	31354.	3375.7	56.888	2136.1

Sample Name: K3283-03 Acquired: 6/12/2019 21:38:05 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 200030-20003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00648	.00346	.00189	.00103	.11961	.25454
Stddev	.00025	.00075	.00078	.00142	.00120	.00350	.00124
%RSD	30.498	11.564	22.639	74.974	116.13	2.9277	.48530

#1	-.00086	-.00708	.00343	.00142	.00198	.12159	.25389
#2	-.00105	-.00671	.00426	.00077	-.00032	.12168	.25597
#3	-.00056	-.00564	.00269	.00349	.00145	.11557	.25377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00006	3.9301	.00014	.00218	.00202	.00159
Stddev	.00003	.00003	.0230	.00032	.00007	.00058	.00047
%RSD	17.808	51.742	.58421	222.96	3.4219	28.553	29.692

#1	.00017	-.00005	3.9169	.00051	.00226	.00245	.00145
#2	.00019	-.00009	3.9168	-.00001	.00212	.00224	.00120
#3	.00013	-.00003	3.9566	-.00007	.00216	.00137	.00211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18932	1.0045	.00118	-.00043	312.69	-.00111	.14779
Stddev	.00108	.0290	.00027	.00030	2.29	.00024	.00059
%RSD	.56861	2.8881	22.787	70.138	.73380	21.329	.40134

#1	.19042	1.0104	.00093	-.00041	310.83	-.00087	.14727
#2	.18927	1.0301	.00146	-.00074	311.98	-.00134	.14767
#3	.18827	.97297	.00113	-.00014	315.25	-.00113	.14843

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64981	.00007	.06929	.71306	.38959	-.00305	.00150
Stddev	.03127	.00049	.02070	.00171	.00169	.00047	.00066
%RSD	4.8122	686.00	29.874	.23954	.43290	15.319	43.850

#1	.65935	.00057	.09264	.71129	.38930	-.00305	.00212
#2	.61487	.00006	.05318	.71321	.39141	-.00258	.00156
#3	.67519	-.00042	.06206	.71469	.38807	-.00351	.00081

Sample Name: K3283-03 Acquired: 6/12/2019 21:38:05 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 200030-20003 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	.0019	.02544	8.4012	F<.00000
Stddev	.00145	.0023	.00018	.1225	.60251
%RSD	40.328	117.2	.70900	1.4575	12.197

#1	-.00363	.0008	.02526	8.4687	-5.6265
#2	-.00212	.0046	.02562	8.2599	-4.4993
#3	-.00501	.0004	.02544	8.4751	-4.6939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.1	32457.	3527.7	59.542	2244.8
Stddev	2.6	69.	20.2	2.296	7.9
%RSD	.13942	.21171	.57178	3.8565	.35113

#1	1891.4	32379.	3530.5	59.375	2244.3
#2	1891.7	32508.	3506.2	57.333	2237.2
#3	1896.1	32484.	3546.2	61.917	2253.0

Sample Name: CCV09 Acquired: 6/12/2019 21:42:41 Type: Unk
Method: P4-ICP2(v3196) 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	4.9919	5.0074	5.0152	4.9448	4.9968	10.084	9.8220	.25490
Stddev	.0083	.0102	.0130	.0091	.0085	.067	.0221	.00038
%RSD	.16535	.20345	.25927	.18302	.16991	.66112	.22482	.15084
#1	4.9846	5.0156	5.0300	4.9365	5.0066	10.130	9.8473	.25486
#2	4.9903	4.9960	5.0097	4.9545	4.9926	10.114	9.8117	.25531
#3	5.0009	5.0107	5.0058	4.9435	4.9913	10.007	9.8069	.25454
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4957	25.118	1.0107	2.4975	1.2753	5.1165	2.6142	25.023
Stddev	.0021	.061	.0020	.0029	.0017	.0071	.0015	.039
%RSD	.08425	.24196	.20057	.11457	.13638	.13797	.05737	.15411
#1	2.4976	25.053	1.0093	2.5007	1.2737	5.1084	2.6133	24.998
#2	2.4934	25.174	1.0130	2.4953	1.2772	5.1214	2.6159	25.067
#3	2.4961	25.126	1.0099	2.4966	1.2750	5.1196	2.6133	25.004
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4958	1.2597	24.663	2.5798	2.4872	24.742	5.0742	4.9602
Stddev	.0040	.0042	.043	.0033	.0038	.014	.0019	.0255
%RSD	.15815	.33074	.17389	.12640	.15256	.05676	.03851	.51424
#1	2.5004	1.2557	24.694	2.5761	2.4915	24.737	5.0750	4.9468
#2	2.4940	1.2640	24.614	2.5823	2.4841	24.758	5.0756	4.9441
#3	2.4931	1.2594	24.681	2.5810	2.4861	24.732	5.0720	4.9896
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9864	4.9518	5.0006	5.0273	5.0443	5.047	5.0142	F 7.8718
Stddev	.0168	.0385	.0089	.0032	.0241	.024	.0275	.2114
%RSD	.33769	.77755	.17794	.06262	.47785	.4767	.54761	2.6859
#1	5.0043	4.9101	5.0081	5.0244	5.0270	5.069	4.9924	7.7297
#2	4.9842	4.9590	5.0029	5.0269	5.0342	5.021	5.0052	7.7710
#3	4.9708	4.9861	4.9907	5.0306	5.0719	5.050	5.0450	8.1148

Sample Name: CCV09 Acquired: 6/12/2019 21:42:41 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .61214
Stddev	.04710
%RSD	7.6937

#1	.56031
#2	.62378
#3	.65232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.4	33307.	3520.0	56.955	2241.0
Stddev	3.9	26.	24.0	.804	4.2
%RSD	.20180	.07755	.68177	1.4124	.18549

#1	1911.8	33320.	3541.7	57.669	2237.3
#2	1908.8	33323.	3524.1	57.114	2240.3
#3	1916.5	33277.	3494.2	56.083	2245.5

Sample Name: CCB09 Acquired: 6/12/2019 21:46:40 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	.00119	.00006	-.00105	-.00027	-.00296	.00095
Stddev	.00206	.00046	.00036	.00230	.00304	.00257	.00028
%RSD	175.57	38.555	594.31	219.17	1143.1	86.781	29.474

#1	.00076	.00135	-.00021	.00046	-.00243	-.00093	.00072
#2	-.00335	.00155	-.00008	-.00370	-.00158	-.00210	.00126
#3	-.00093	.00068	.00047	.00009	.00321	-.00585	.00086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00003	.00902	-.00045	-.00007	-.00034	-.00009
Stddev	.00008	.00005	.00861	.00031	.00007	.00020	.00043
%RSD	175.54	196.73	95.374	68.440	109.84	58.580	466.56

#1	.00014	.00006	.01314	-.00019	-.00015	-.00040	.00038
#2	.00000	.00005	-.00087	-.00079	-.00001	-.00049	-.00020
#3	-.00000	-.00003	.01480	-.00036	-.00004	-.00011	-.00046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00924	-.00037	-.00011	-.37808	-.00010	-.00026
Stddev	.00006	.02013	.00057	.00029	.00477	.00008	.00011
%RSD	59.585	217.70	154.34	257.14	1.2629	84.148	40.213

#1	-.00012	-.00308	-.00032	.00012	-.37970	-.00015	-.00014
#2	-.00003	.00708	.00017	-.00043	-.38183	-.00000	-.00031
#3	-.00015	-.03173	-.00097	-.00002	-.37271	-.00013	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10045	.00127	.01887	F -.03132	.00339	-.00309	.00192
Stddev	.00833	.00051	.01701	.00178	.00105	.00037	.00184
%RSD	8.2905	39.696	90.130	5.6851	31.049	11.824	95.584

#1	-.09284	.00185	.00361	-.03311	.00390	-.00292	.00401
#2	-.10934	.00090	.01580	-.02955	.00409	-.00351	.00058
#3	-.09917	.00107	.03721	-.03130	.00218	-.00284	.00117

Sample Name: CCB09 Acquired: 6/12/2019 21:46:40 Type: Unk
 Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8306 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00445	.0027	.00018	F 5.9778	F<.00000
Stddev	.00143	.0011	.00006	.5384	.60539
%RSD	32.040	39.55	35.735	9.0060	39.935
#1	-.00574	.0029	.00021	5.3801	-1.2638
#2	-.00468	.0016	.00022	6.4247	-1.0773
#3	-.00292	.0037	.00011	6.1286	-2.2066
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.1	34634.	3513.8	58.933	2526.9
Stddev	5.5	68.	31.0	1.343	4.4
%RSD	.27522	.19550	.88106	2.2781	.17586
#1	1993.0	34556.	3480.2	58.133	2522.4
#2	2003.8	34678.	3520.3	58.183	2531.3
#3	2000.5	34668.	3541.1	60.483	2527.1

Sample Name: K3285-03 Acquired: 6/12/2019 21:51:08 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	-.00864	.00732	-.00008	.00093	.02923	.33313
Stddev	.00181	.00208	.00049	.00404	.00099	.00896	.00127
%RSD	138.39	24.045	6.7643	5277.8	106.34	30.665	.38184

#1	.00078	-.00917	.00781	.00061	.00023	.03958	.33431
#2	-.00222	-.00635	.00733	-.00442	.00207	.02393	.33330
#3	-.00248	-.01040	.00682	.00358	.00050	.02418	.33179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00006	29.401	.00037	.00212	.00260	.01078
Stddev	.00005	.00004	.061	.00027	.00019	.00037	.00067
%RSD	116.23	56.523	.20774	72.250	8.7552	14.194	6.1758

#1	.00000	-.00004	29.472	.00016	.00230	.00244	.01039
#2	.00003	-.00011	29.365	.00027	.00213	.00302	.01154
#3	.00010	-.00005	29.367	.00067	.00193	.00234	.01040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47982	9.1260	-.00087	-.00025	338.01	-.00134	.13337
Stddev	.00156	.0189	.00036	.00006	2.32	.00068	.00116
%RSD	.32452	.20715	41.233	25.149	.68525	50.957	.87215

#1	.47869	9.1274	-.00123	-.00032	335.33	-.00189	.13471
#2	.48159	9.1441	-.00052	-.00025	339.40	-.00156	.13257
#3	.47917	9.1064	-.00086	-.00019	339.29	-.00058	.13284

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0696	.00030	.05881	.34006	.68565	-.00137	.00093
Stddev	.0179	.00006	.01159	.00505	.03204	.00066	.00096
%RSD	.86697	20.565	19.702	1.4853	4.6727	47.885	103.31

#1	2.0504	.00032	.06888	.34360	.72243	-.00184	.00175
#2	2.0859	.00035	.06139	.34232	.66386	-.00062	-.00013
#3	2.0725	.00023	.04615	.33428	.67064	-.00165	.00116

Sample Name: K3285-03 Acquired: 6/12/2019 21:51:08 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00449	.0280	.09714	9.0235	F<.00000
Stddev	.00100	.0018	.00414	.1737	.46456
%RSD	22.313	6.331	4.2610	1.9252	9.0429

#1	-.00559	.0265	.10190	8.9929	-5.5992
#2	-.00425	.0274	.09442	9.2104	-5.1426
#3	-.00363	.0300	.09509	8.8671	-4.6701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.4	31954.	3440.0	57.542	2201.6
Stddev	6.0	95.	137.7	1.424	7.7
%RSD	.32192	.29884	4.0019	2.4752	.35150

#1	1851.8	31854.	3282.0	55.975	2193.4
#2	1863.7	31965.	3534.1	57.892	2208.8
#3	1856.7	32044.	3503.9	58.758	2202.5

Sample Name: CCV10 Acquired: 6/12/2019 21:55:42 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0167	5.0457	5.0412	5.0004	5.0312	10.117	9.8942	.25569
Stddev	.0034	.0039	.0093	.0086	.0099	.069	.0305	.00019
%RSD	.06788	.07630	.18377	.17155	.19721	.68081	.30783	.07459
#1	5.0164	5.0418	5.0518	5.0056	5.0231	10.133	9.9048	.25576
#2	5.0203	5.0458	5.0370	4.9905	5.0283	10.042	9.8599	.25547
#3	5.0135	5.0495	5.0348	5.0050	5.0423	10.176	9.9180	.25583
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5121	25.275	1.0152	2.5135	1.2819	5.1360	2.6245	25.224
Stddev	.0009	.184	.0033	.0046	.0016	.0043	.0046	.102
%RSD	.03427	.72745	.32854	.18377	.12567	.08408	.17476	.40404
#1	2.5127	25.357	1.0174	2.5177	1.2815	5.1392	2.6295	25.169
#2	2.5125	25.065	1.0114	2.5141	1.2805	5.1311	2.6205	25.161
#3	2.5111	25.404	1.0169	2.5086	1.2836	5.1377	2.6236	25.341
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5103	1.2604	24.892	2.5957	2.5028	25.006	5.1025	4.9919
Stddev	.0039	.0015	.113	.0049	.0034	.115	.0046	.0423
%RSD	.15406	.12111	.45253	.18847	.13371	.45916	.09110	.84814
#1	2.5115	1.2600	24.920	2.6011	2.5052	24.914	5.0993	4.9717
#2	2.5134	1.2621	24.768	2.5915	2.5042	24.969	5.1005	5.0405
#3	2.5060	1.2591	24.989	2.5944	2.4990	25.135	5.1078	4.9634
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9948	4.9006	5.0310	5.0036	5.0568	5.077	5.0180	F 8.0789
Stddev	.0105	.1905	.0070	.2201	.2351	.010	.2277	.1986
%RSD	.20942	3.8865	.13927	4.3986	4.6494	.2055	4.5376	2.4585
#1	5.0061	5.0425	5.0286	5.1800	5.2440	5.090	5.1955	8.0504
#2	4.9855	4.6842	5.0256	4.7570	4.7929	5.072	4.7612	7.8960
#3	4.9928	4.9753	5.0389	5.0739	5.1337	5.071	5.0972	8.2902

Sample Name: CCV10 Acquired: 6/12/2019 21:55:42 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8306 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .72079
Stddev .12049
%RSD 16.717

#1 .78711
#2 .58171
#3 .79356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.7	33140.	3538.6	58.744	2236.8
Stddev	2.3	44.	158.9	3.083	2.8
%RSD	.12117	.13329	4.4905	5.2491	.12336

#1	1910.6	33109.	3414.5	56.061	2234.5
#2	1909.4	33190.	3717.7	62.113	2236.0
#3	1906.1	33120.	3483.5	58.058	2239.9

Sample Name: CCB10 Acquired: 6/12/2019 21:59:42 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15105 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00094	.00018	.00034	-.00035	-.00341	.00113
Stddev	.00204	.00052	.00065	.00266	.00075	.01266	.00033
%RSD	297.91	55.522	367.22	772.37	217.16	370.88	28.751

#1	-.00019	.00039	.00091	-.00034	-.00013	-.00663	.00123
#2	.00301	.00100	-.00035	.00328	-.00118	.01054	.00140
#3	-.00077	.00144	-.00002	-.00190	.00027	-.01415	.00077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00005	.00782	-.00014	.00021	-.00042	-.00011
Stddev	.00008	.00003	.01670	.00025	.00003	.00044	.00069
%RSD	615.11	52.975	213.52	181.89	13.036	106.25	641.29

#1	.00006	.00008	.00321	.00003	.00018	-.00075	-.00058
#2	.00007	.00002	-.00609	-.00001	.00024	.00009	.00069
#3	-.00008	.00006	.02634	-.00043	.00021	-.00059	-.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00849	-.00028	.00011	-.42399	-.00034	-.00013
Stddev	.00004	.02247	.00025	.00044	.00221	.00014	.00002
%RSD	96.152	264.56	91.205	393.93	.52080	40.779	15.644

#1	-.00002	-.00058	-.00056	.00002	-.42191	-.00044	-.00013
#2	-.00010	-.03385	-.00006	-.00028	-.42376	-.00018	-.00016
#3	-.00002	.00895	-.00023	.00059	-.42631	-.00042	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11849	.00101	.01529	F -.03312	.00240	-.00271	.00207
Stddev	.01668	.00025	.00671	.00083	.00233	.00050	.00126
%RSD	14.079	24.858	43.885	2.5036	97.012	18.312	61.096

#1	-.11236	.00113	.02286	-.03337	.00149	-.00258	.00062
#2	-.10574	.00117	.01291	-.03380	.00066	-.00230	.00261
#3	-.13737	.00072	.01009	-.03220	.00504	-.00326	.00297

Sample Name: CCB10 Acquired: 6/12/2019 21:59:42 Type: Unk
Method: P4-ICP2(v3196) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15105 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00676	.0048	.00017	F 6.0593	F<.00000
Stddev	.00120	.0010	.00012	.2325	.60109
%RSD	17.809	20.73	73.786	3.8376	29.834
#1	-.00596	.0051	.00031	5.8250	-1.4548
#2	-.00814	.0037	.00012	6.2900	-2.6499
#3	-.00617	.0056	.00007	6.0630	-1.9396
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.0	34698.	3506.6	59.828	2529.4
Stddev	.6	177.	11.6	.569	2.2
%RSD	.03031	.50930	.33014	.95026	.08774
#1	1996.4	34522.	3493.2	59.183	2530.0
#2	1997.0	34698.	3513.8	60.258	2531.3
#3	1997.6	34875.	3512.7	60.042	2527.0