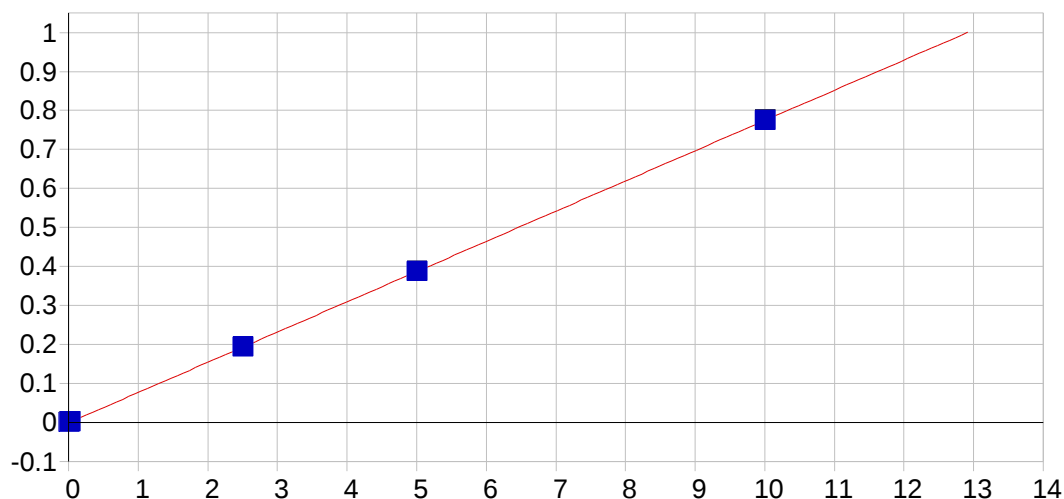




As 189.042 {478}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000575

Re-Slope: 1.000000

A1 (Gain): 0.077496

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999998

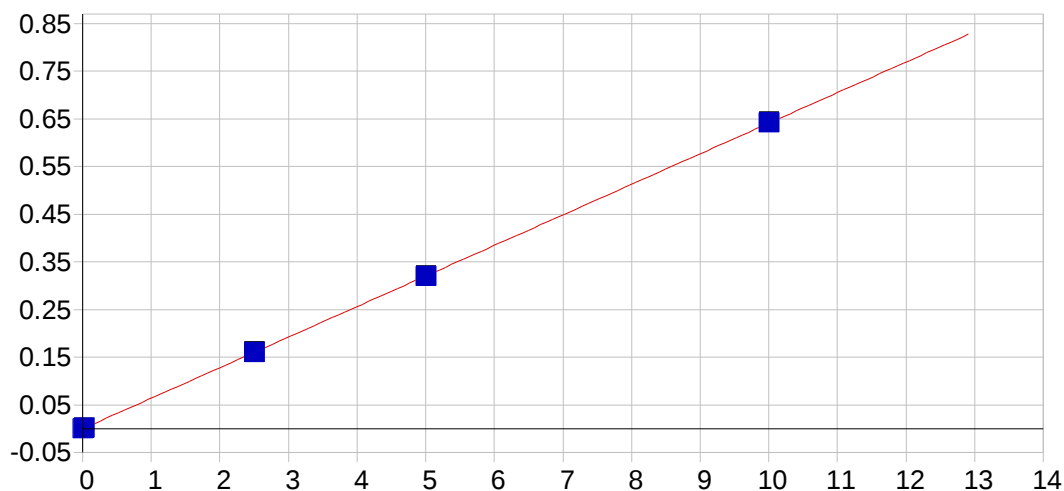
Status: OK.

Std Error of Est: 0.000004

Predicted MDL: 0.002635

Predicted MQL: 0.008783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.02000	.02115	.001	5.75	.00106	.000	1
S3	2.5000	2.4986	-.001	-.058	.19304	.000	1
S4	5.0000	4.9975	-.003	-.051	.38668	.001	1
S5	10.000	10.003	.003	.028	.77455	.001	1



As 189.042 {479}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

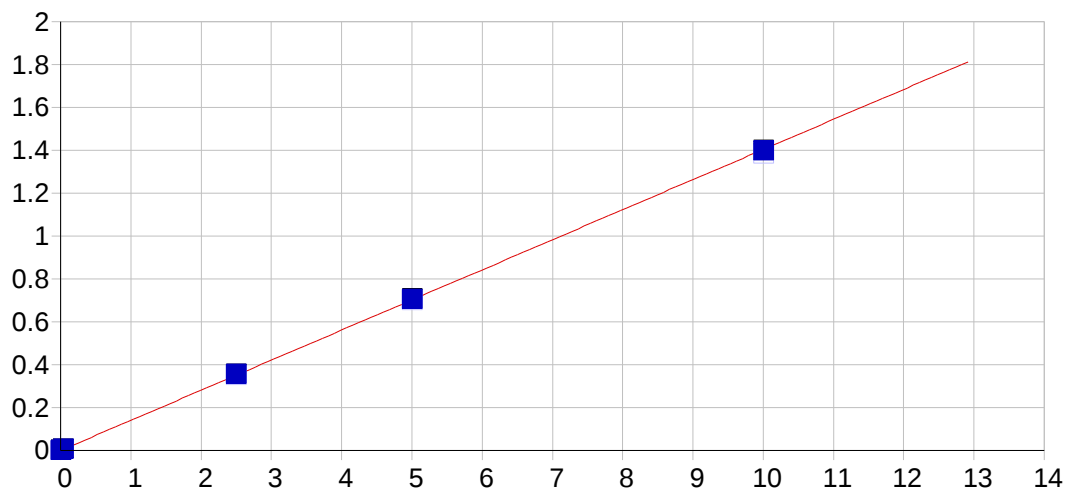
Weighting: 1/Conc

A0 (Offset): -0.000327

Re-Slope: 1.000000

A1 (Gain): 0.064129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.002271
 Predicted MQL: 0.007571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02000	.02081	.001	4.07	.00101	.000	1
S3	2.5000	2.5015	.002	.062	.16010	.001	1
S4	5.0000	4.9931	-.007	-.139	.31988	.000	1
S5	10.000	10.005	.005	.046	.64126	.001	1

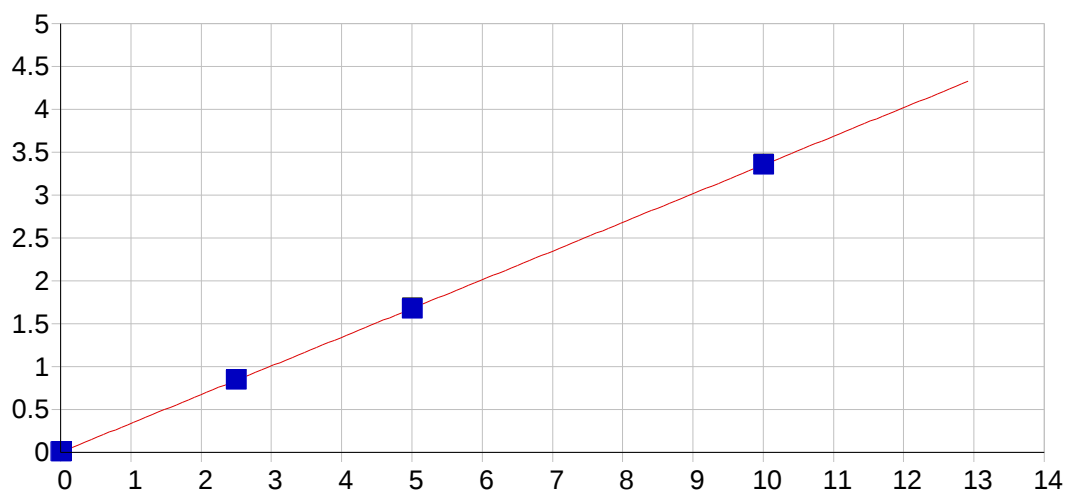


TI 190.856 {477}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.140353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.001162
 Predicted MQL: 0.003872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.04000	.04081	.001	2.02	.00579	.000	1
S3	2.5000	2.5214	.021	.855	.35049	.001	1
S4	5.0000	5.0261	.026	.523	.69844	.002	1
S5	10.000	9.9517	-.048	-.483	1.3826	.003	1

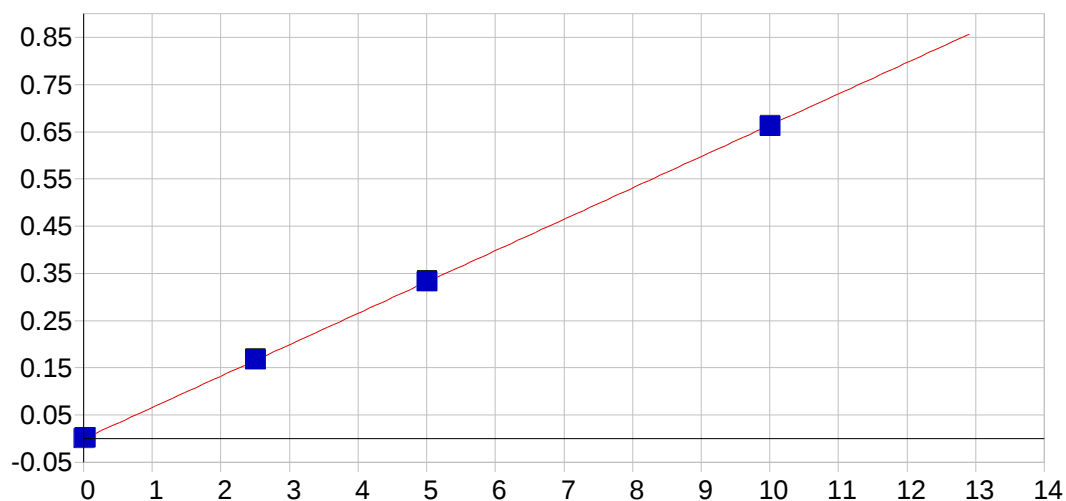


Pb 220.353 {453}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003772 Re-Slope: 1.000000
 A1 (Gain): 0.334725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000830
 Predicted MQL: 0.002767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00377	.000	1
S1	.01200	.01236	.000	3.03	.00783	.000	1
S3	2.5000	2.5018	.002	.073	.84006	.000	1
S4	5.0000	4.9899	-.010	-.203	1.6717	.005	1
S5	10.000	10.008	.008	.080	3.3491	.003	1



Se 196.090 {472}

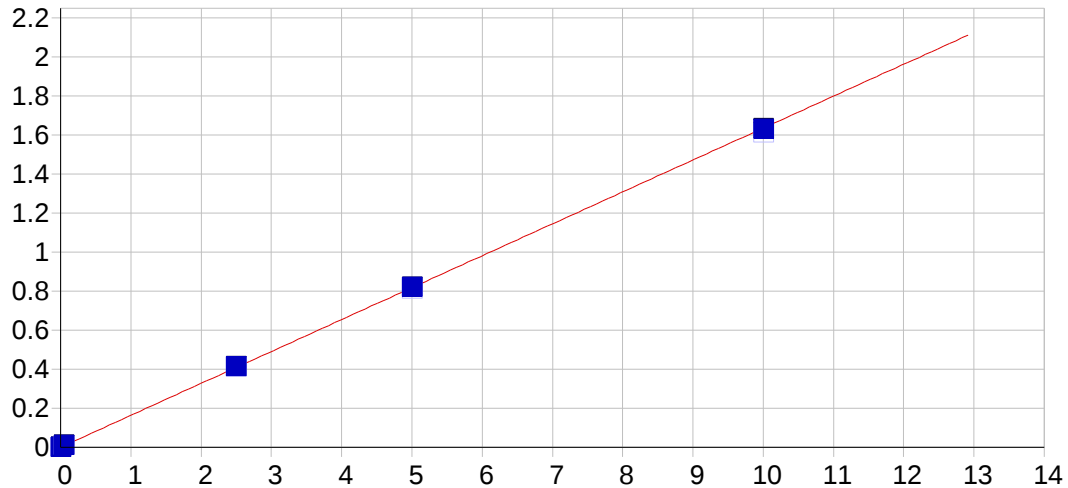
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000153 Re-Slope: 1.000000
 A1 (Gain): 0.066398 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000009
 Predicted MDL: 0.002699
 Predicted MQL: 0.008997

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.02000	.02190	.002	9.52	.00130	.000	1
S3	2.5000	2.5250	.025	1.00	.16747	.001	1
S4	5.0000	5.0032	.003	.064	.33197	.001	1
S5	10.000	9.9699	-.030	-.301	.66168	.002	1



Sb 206.833 {463}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

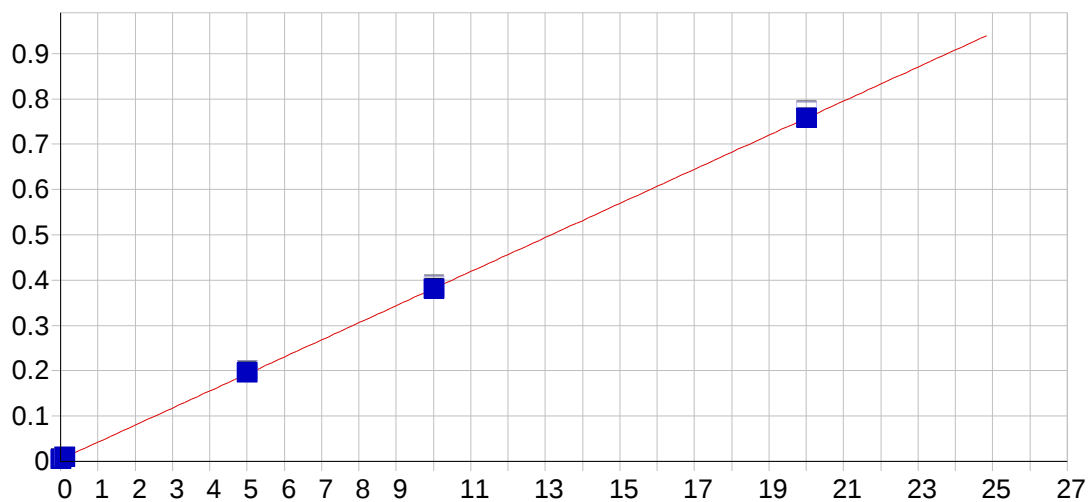
Weighting: 1/Conc

A0 (Offset): 0.000418
 A1 (Gain): 0.163549
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000041
 Predicted MDL: 0.001440
 Predicted MQL: 0.004799

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	.00042	.000	1
S1	.05000	.05401	.004	8.02	.00905	.000	1
S3	2.5000	2.5274	.027	1.10	.40917	.000	1
S4	5.0000	5.0028	.003	.057	.80943	.002	1
S5	10.000	9.9658	-.034	-.342	1.6119	.002	1

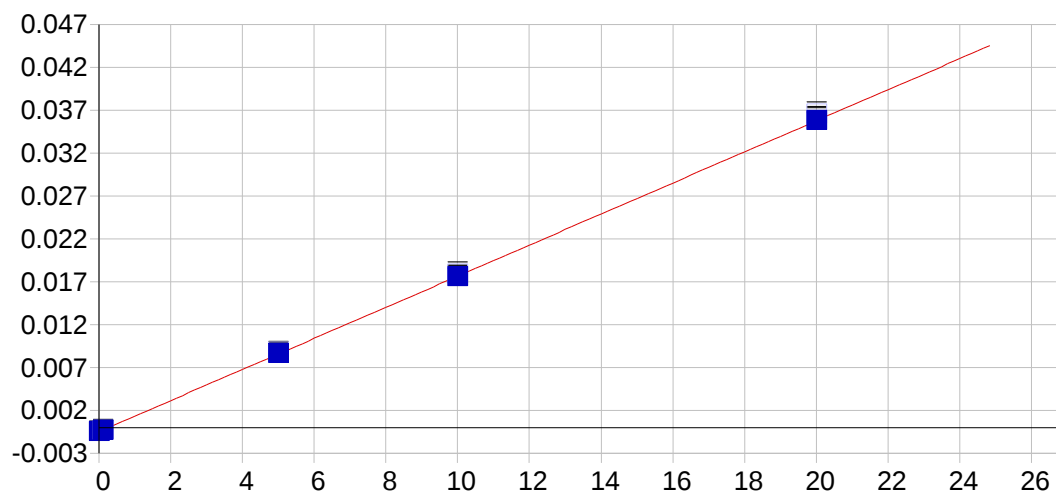


AI 308.215 {109}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004747 Re-Slope: 1.000000
 A1 (Gain): 0.037637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002667
 Predicted MQL: 0.008891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00475	.000	1
S1	.10000	.11196	.012	12.0	.00922	.000	1
S3	5.0000	5.0515	.052	1.03	.19862	.000	1
S4	10.000	9.9659	-.034	-.341	.38733	.001	1
S5	20.000	19.970	-.030	-.150	.77135	.001	1



AI 309.271 {109}

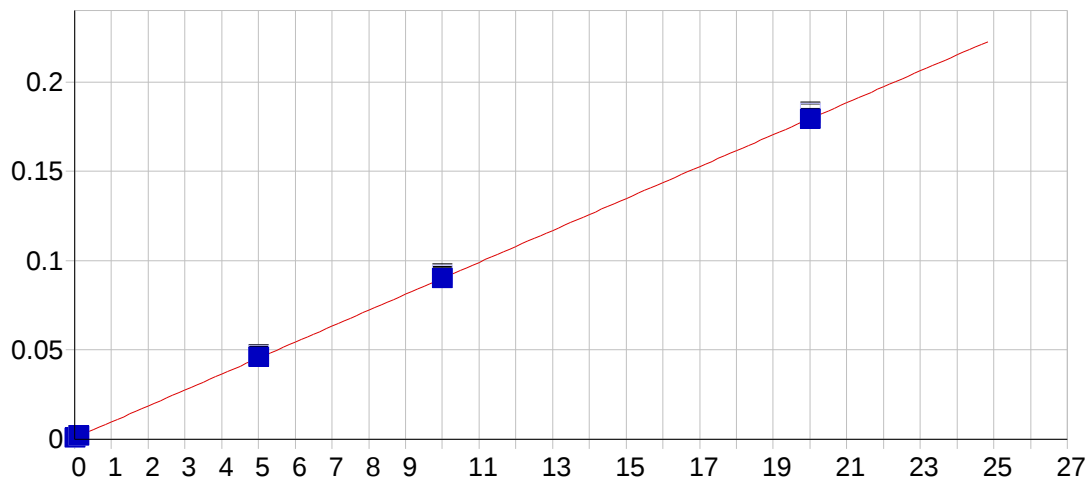
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000477 Re-Slope: 1.000000
 A1 (Gain): 0.001812 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000000
 Predicted MDL: 0.033523
 Predicted MQL: 0.111744

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.10000	.09773	-.002	-2.27	-.00029	.000	1
S3	5.0000	5.0147	.015	.295	.00879	.000	1
S4	10.000	9.9557	-.044	-.443	.01793	.000	1
S5	20.000	20.032	.032	.160	.03655	.000	1



AI 396.152 { 85}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

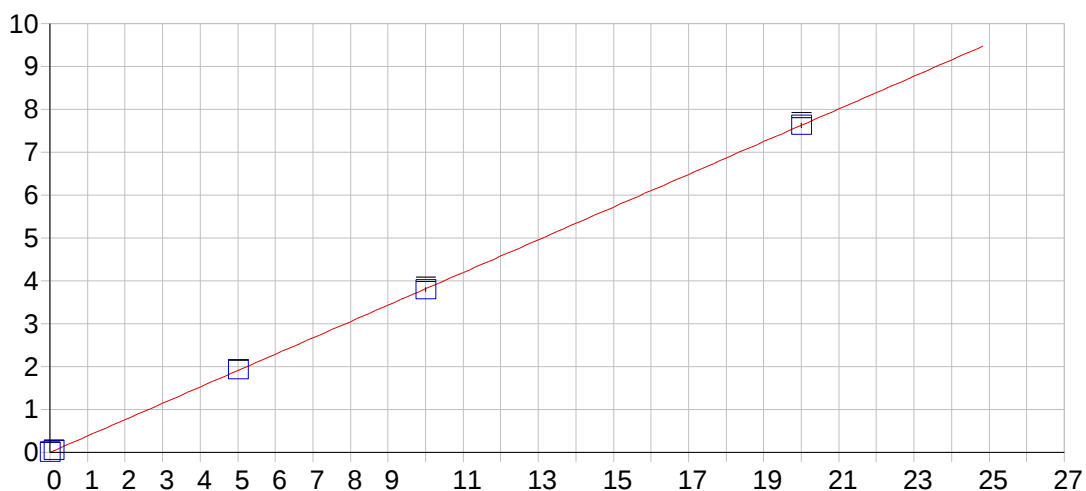
Weighting: 1/Conc

A0 (Offset): 0.000798
 A1 (Gain): 0.008931
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000005
 Predicted MDL: 0.011827
 Predicted MQL: 0.039422

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	.00080	.000	1
S1	.10000	.11026	.010	10.3	.00184	.000	1
S3	5.0000	5.0557	.056	1.11	.04684	.000	1
S4	10.000	9.9857	-.014	-.143	.09176	.001	1
S5	20.000	19.948	-.052	-.261	.18251	.001	1

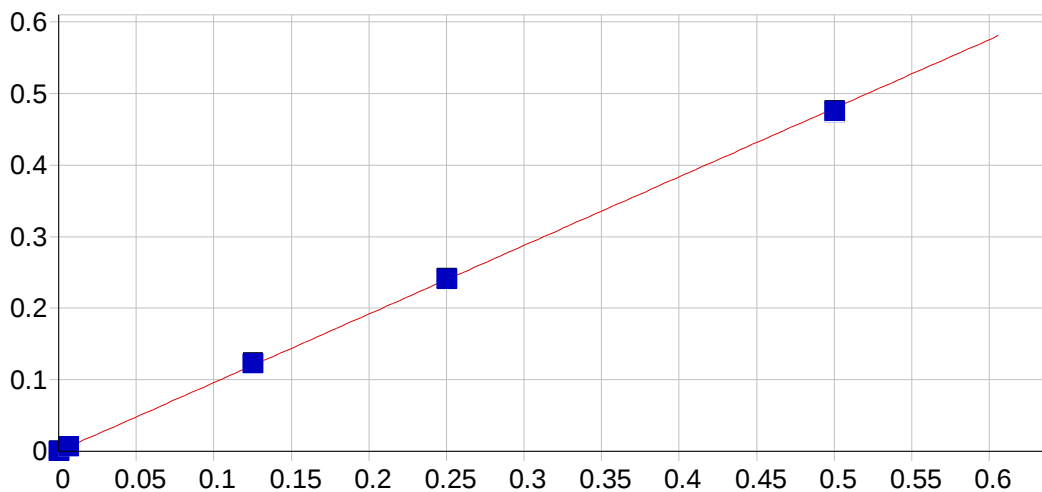


Ba 493.409 { 68}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000977 Re-Slope: 1.000000
 A1 (Gain): 0.381363 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000535
 Predicted MQL: 0.001782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00098	.000	1
S1	.10000	.10541	.005	5.41	.04117	.000	1
S3	5.0000	5.0326	.033	.653	1.9202	.005	1
S5	20.000	20.006	.006	.031	7.6306	.057	1
S4	10.000	9.9558	-.044	-.442	3.7978	.051	1



Be 234.861 {144}

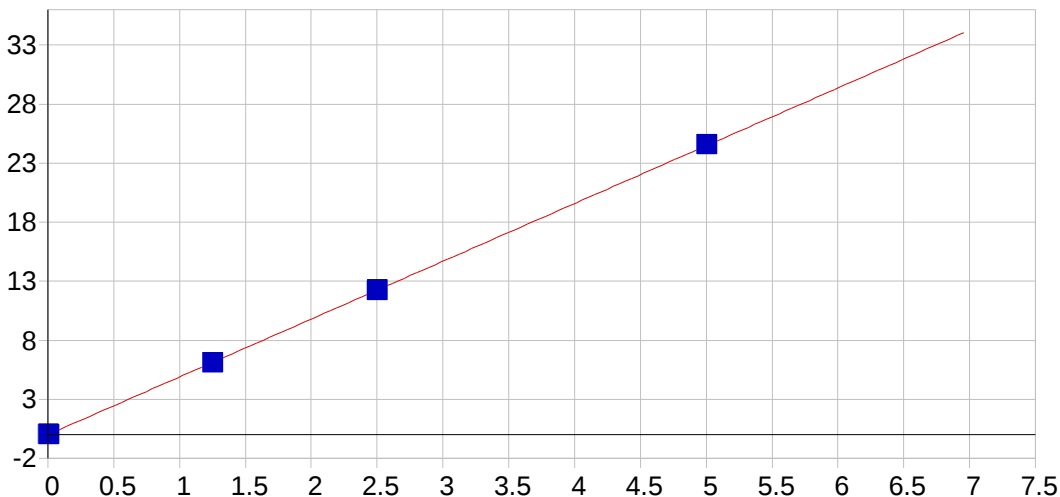
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000104 Re-Slope: 1.000000
 A1 (Gain): 0.958643 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000034
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.00600	.00639	.000	6.57	.00617	.000	1
S3	.12500	.12758	.003	2.06	.12165	.001	1
S4	.25000	.25134	.001	.535	.23954	.001	1
S5	.50000	.49569	-.004	-.861	.47228	.001	1



Cd 226.502 {449}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

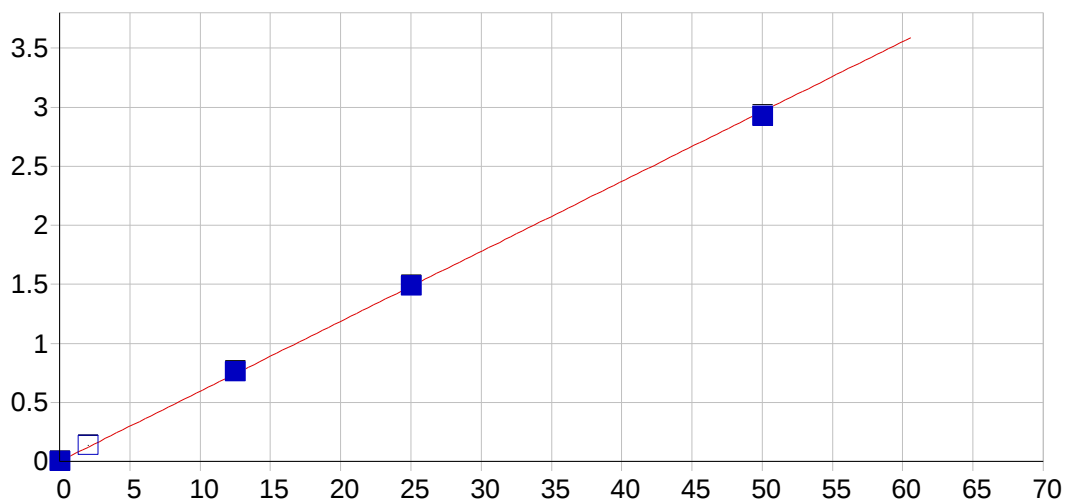
Weighting: 1/Conc

A0 (Offset): -0.000406
 A1 (Gain): 4.895425
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000162
 Predicted MDL: 0.000064
 Predicted MQL: 0.000214

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00041	.000	1
S1	.00600	.00611	.000	1.79	.02955	.000	1
S3	1.2500	1.2418	-.008	-.656	6.0801	.003	1
S4	2.5000	2.4940	-.006	-.238	12.212	.027	1
S5	5.0000	5.0140	.014	.281	24.551	.023	1

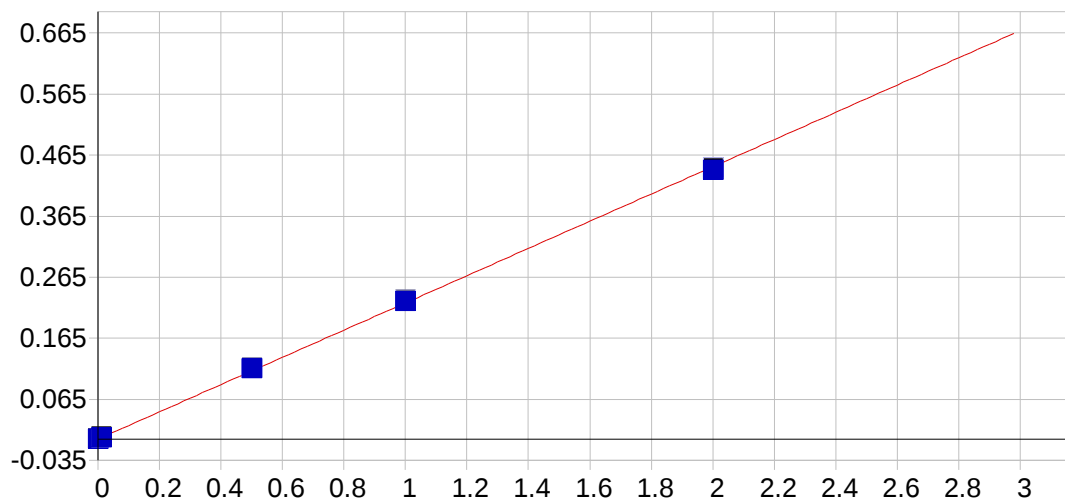


Ca 373.690 { 90}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001082 Re-Slope: 1.000000
 A1 (Gain): 0.059244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709 Status: OK.
 Std Error of Est: 0.000781
 Predicted MDL: 0.014567
 Predicted MQL: 0.048557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2663	.266	13.3	.13535	.001	1
S0	.00000	-.00030	-.000	.000	.00106	.000	1
S3	12.500	12.814	.314	2.51	.76061	.006	1
S4	25.000	25.074	.074	.297	1.4874	.002	1
S5	50.000	49.346	-.654	-1.31	2.9261	.008	1



Cr 267.716 {126}

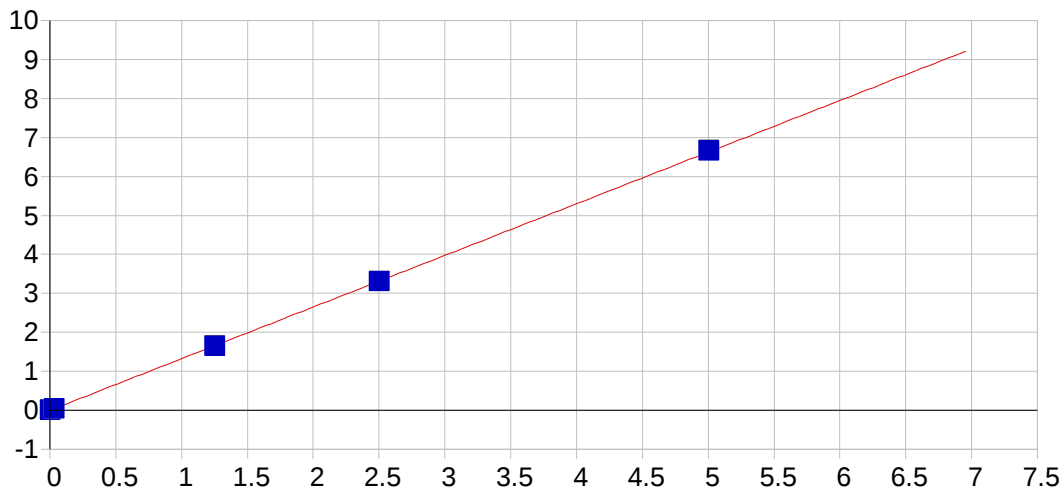
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.223052 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000027
 Predicted MDL: 0.000413
 Predicted MQL: 0.001378

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.01000	.01070	.001	6.97	.00220	.000	1
S3	.50000	.51511	.015	3.02	.11557	.000	1
S4	1.0000	1.0093	.009	.930	.22668	.000	1
S5	2.0000	1.9749	-.025	-1.25	.44381	.001	1



Co 228.616 {447}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

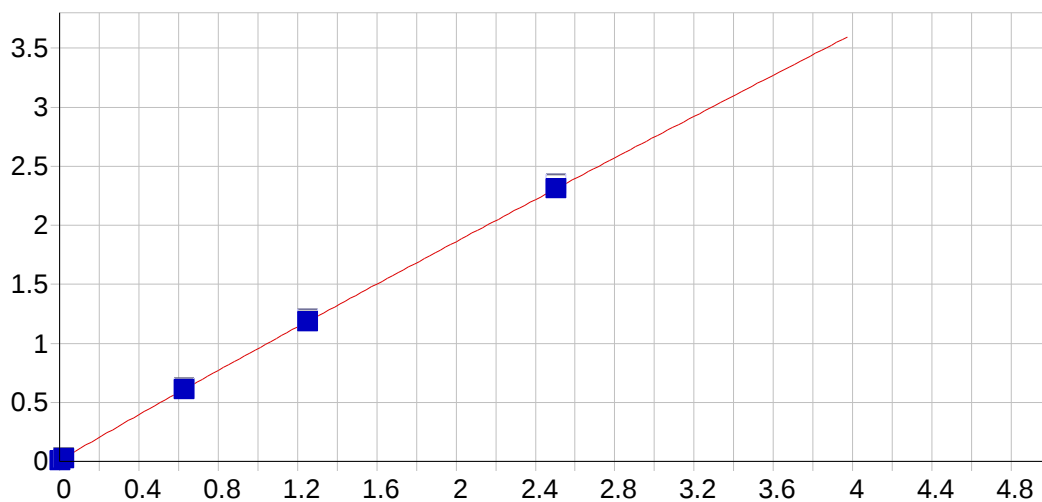
Weighting: 1/Conc

A0 (Offset): -0.000270
 A1 (Gain): 1.324783
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000132
 Predicted MDL: 0.000201
 Predicted MQL: 0.000668

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	-.00027	.001	1
S1	.03000	.02959	-.000	-1.38	.03866	.000	1
S3	1.2500	1.2431	-.007	-.552	1.6479	.001	1
S4	2.5000	2.4867	-.013	-.533	3.2966	.011	1
S5	5.0000	5.0206	.021	.412	6.6562	.006	1

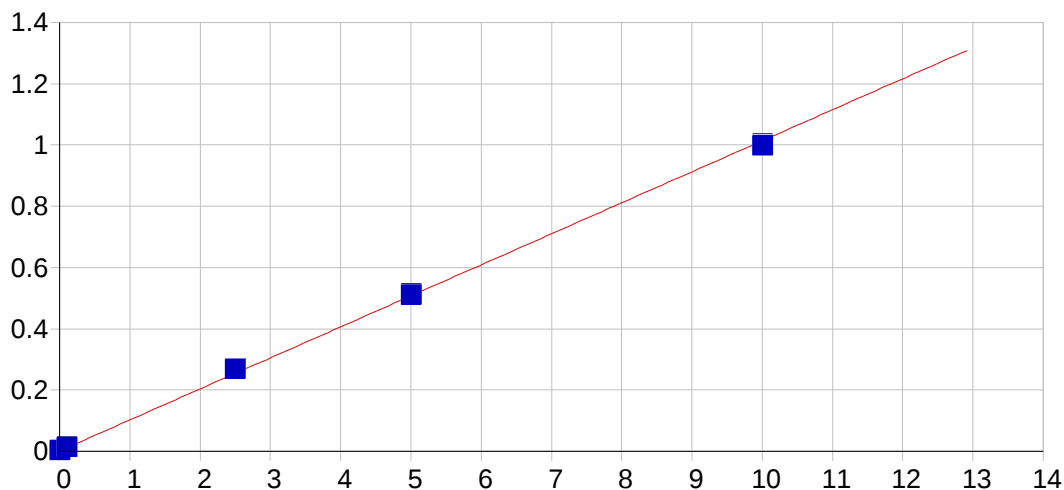


Cu 224.700 {450}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.003252 Re-Slope: 1.000000
 A1 (Gain): 0.955393 Y-int: 0.000000
 A2 (Curvature): -0.003516
 n (Exponent): 0.970000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.000346
 Predicted MQL: 0.001154

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00325	.000	1
S1	.02000	.01951	-.000	-2.43	.02453	.000	1
S3	.62500	.62743	.002	.389	.61936	.000	1
S4	1.2500	1.2474	-.003	-.206	1.2011	.002	1
S5	2.5000	2.5007	.001	.028	2.3454	.001	1



Fe 240.488 {140}

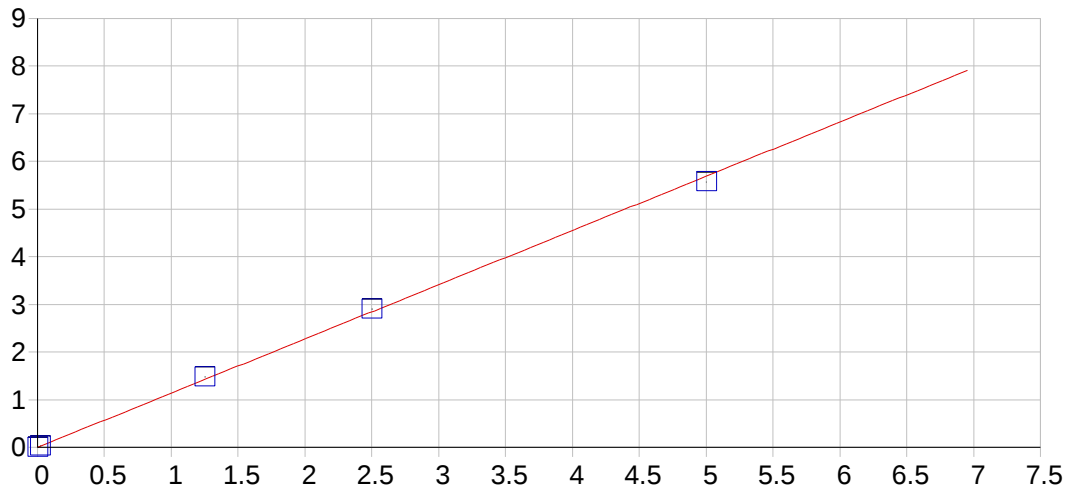
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001183 Re-Slope: 1.000000
 A1 (Gain): 0.101256 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692
 Std Error of Est: 0.000137
 Predicted MDL: 0.000694
 Predicted MQL: 0.002314

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00118	.000	1
S1	.10000	.10827	.008	8.27	.01220	.000	1
S3	2.5000	2.6344	.134	5.38	.26888	.001	1
S4	5.0000	5.0270	.027	.539	.51208	.001	1
S5	10.000	9.8304	-.170	-1.70	1.0003	.002	1



Mn 257.610 {131}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

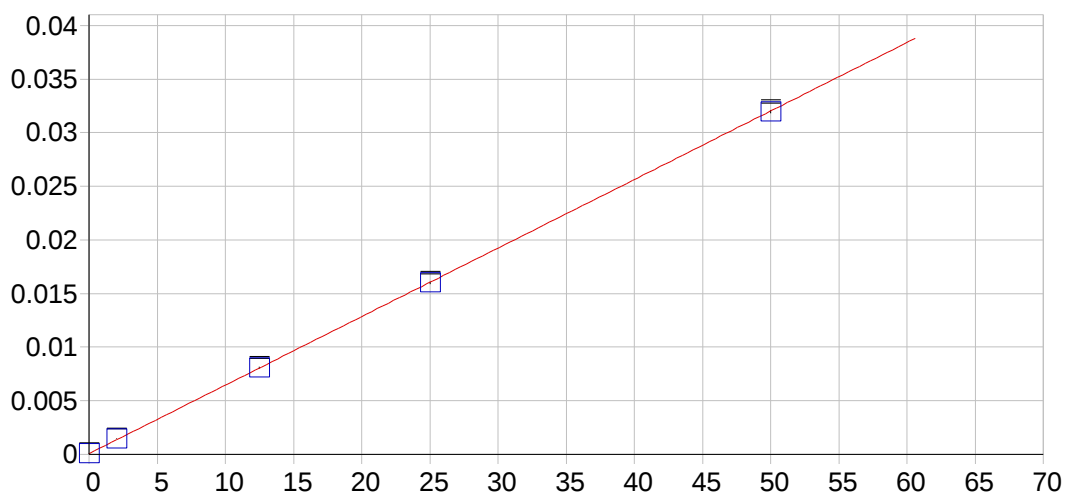
Weighting: 1/Conc

A0 (Offset): 0.000243
 A1 (Gain): 1.137811
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999670
 Std Error of Est: 0.000500
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.02000	.02277	.003	13.8	.02615	.000	1
S3	1.2500	1.3022	.052	4.18	1.4819	.002	1
S4	2.5000	2.5502	.050	2.01	2.9019	.004	1
S5	5.0000	4.8948	-.105	-2.10	5.5696	.012	1

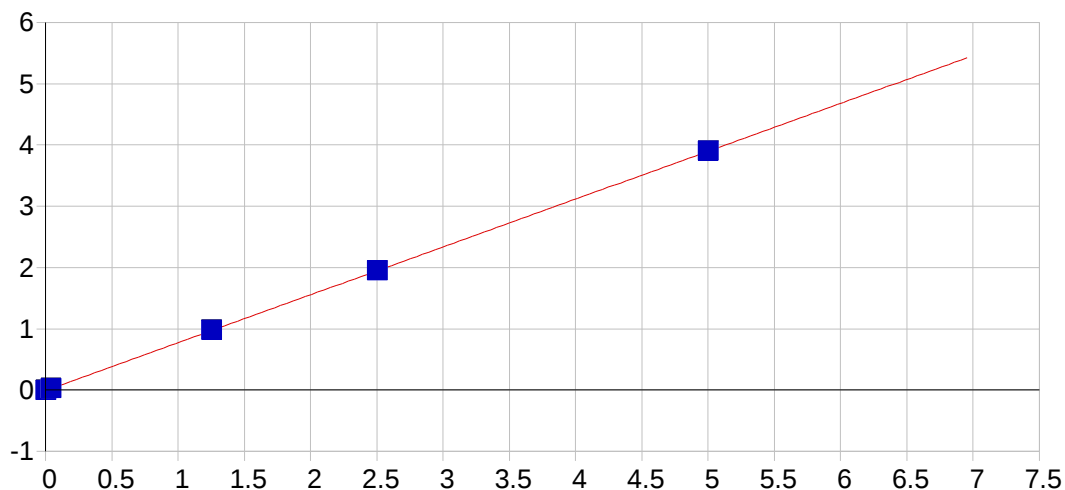


Mg 279.079 {121}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.000639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.047702
 Predicted MQL: 0.159007

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1545	.154	7.72	.00145	.000	1
S0	.00000	-.00015	-.000	.000	.00007	.000	1
S3	12.500	12.534	.034	.274	.00808	.000	1
S4	25.000	24.923	-.077	-.308	.01599	.000	1
S5	50.000	49.888	-.112	-.224	.03195	.000	1



Ni 231.604 {445}

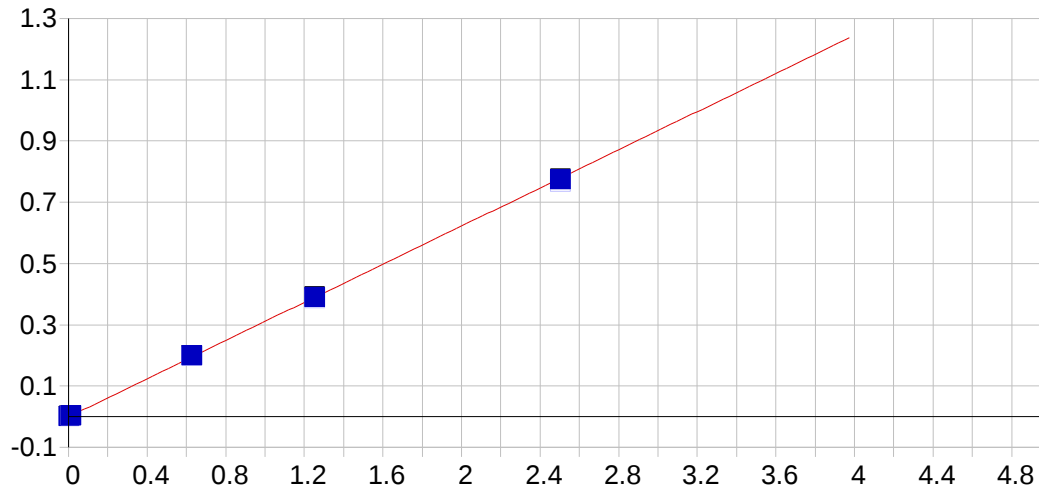
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007377 Re-Slope: 1.000000
 A1 (Gain): 0.781129 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000065
 Predicted MDL: 0.000360
 Predicted MQL: 0.001201

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00738	.000	1
S1	.04000	.04127	.001	3.17	.02487	.000	1
S3	1.2500	1.2580	.008	.637	.97632	.000	1
S4	2.5000	2.4950	-.005	-.199	1.9437	.006	1
S5	5.0000	4.9957	-.004	-.085	3.8992	.002	1



Ag 328.068 {103}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

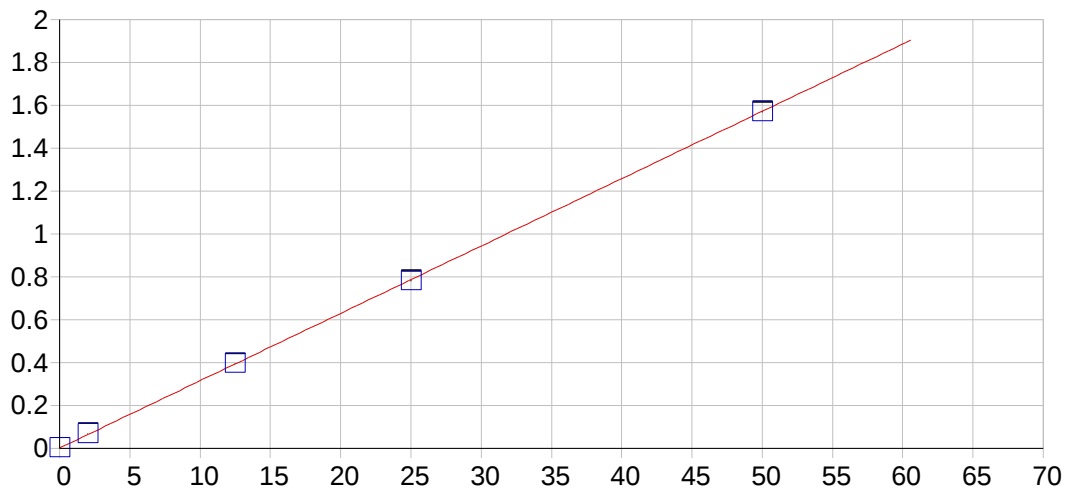
Weighting: 1/Conc

A0 (Offset): -0.000540
 A1 (Gain): 0.311399
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000028
 Predicted MDL: 0.000505
 Predicted MQL: 0.001683

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	-.00054	.000	1
S1	.01000	.01086	.001	8.56	.00278	.000	1
S3	.62500	.63943	.014	2.31	.19636	.001	1
S4	1.2500	1.2497	-.000	-.028	.38417	.002	1
S5	2.5000	2.4851	-.015	-.597	.76444	.001	1

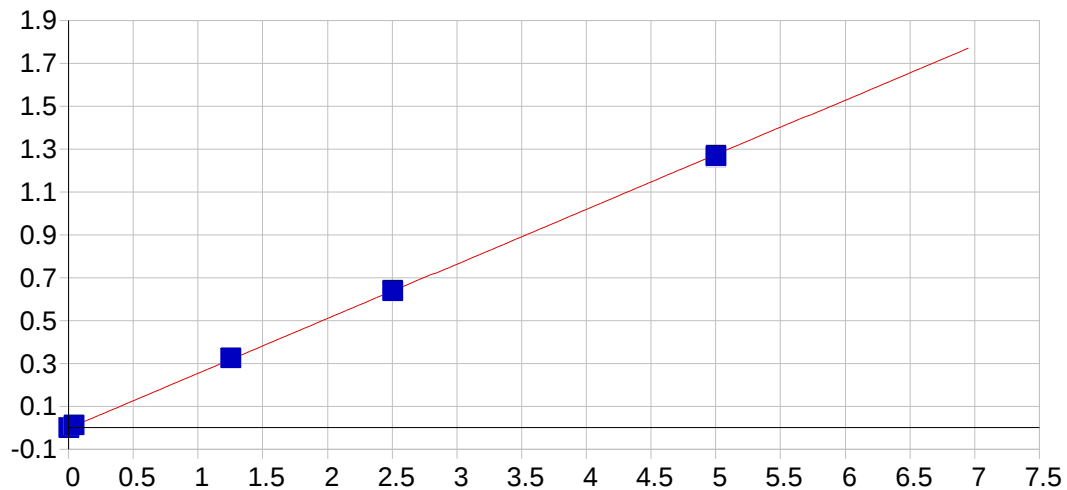


Na 589.592 { 57}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001626 Re-Slope: 1.000000
 A1 (Gain): 0.031420 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.008582
 Predicted MQL: 0.028605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1653	.165	8.26	.06966	.001	1
S0	.00000	-.00016	-.000	.000	.00162	.000	1
S3	12.500	12.559	.059	.468	.39622	.001	1
S4	25.000	24.827	-.173	-.692	.78169	.002	1
S5	50.000	49.949	-.051	-.101	1.5710	.004	1



V 292.402 {115}

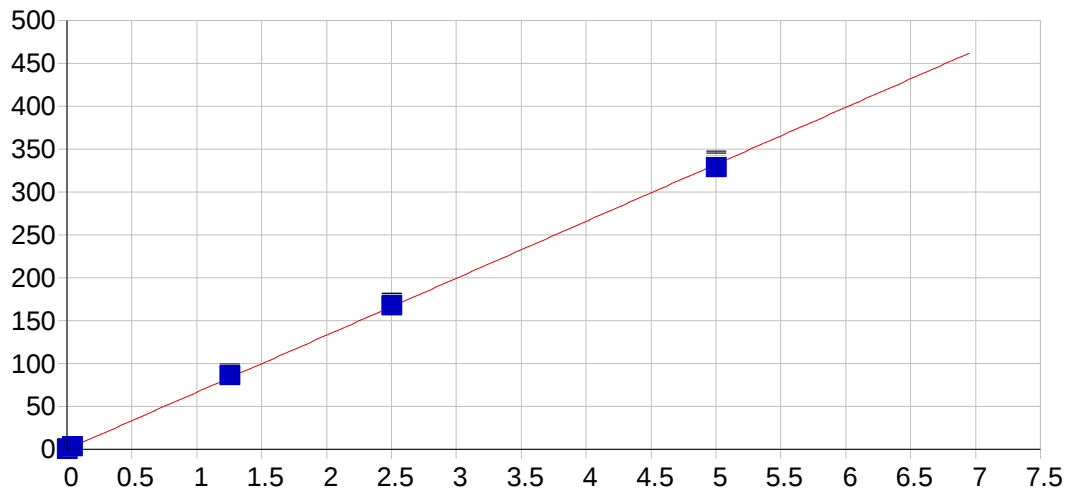
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.254837 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000040
 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	-.00010	.000	1
S1	.04000	.04120	.001	2.99	.01024	.000	1
S3	1.2500	1.2662	.016	1.30	.32050	.001	1
S4	2.5000	2.5064	.006	.256	.63446	.001	1
S5	5.0000	4.9762	-.024	-.476	1.2597	.001	1



Zn 206.200 {163}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

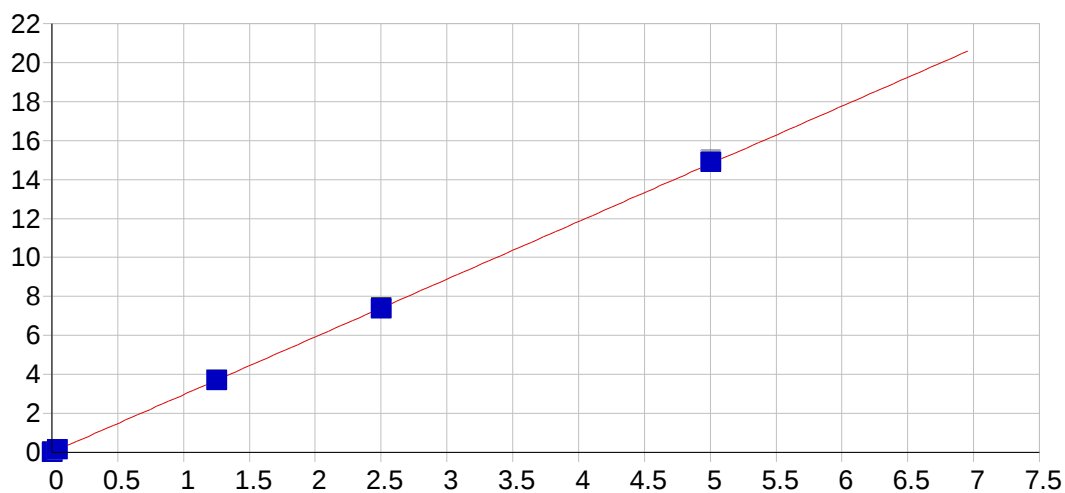
Weighting: 1/Conc

A0 (Offset): 0.139819
 A1 (Gain): 66.434783
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.026671
 Predicted MDL: 0.000441
 Predicted MQL: 0.001469

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	.13946	.059	1
S1	.04000	.04446	.004	11.2	3.1111	.078	1
S3	1.2500	1.2897	.040	3.18	86.325	1.16	1
S4	2.5000	2.5111	.011	.442	167.97	2.15	1
S5	5.0000	4.9448	-.055	-1.10	330.65	5.13	1

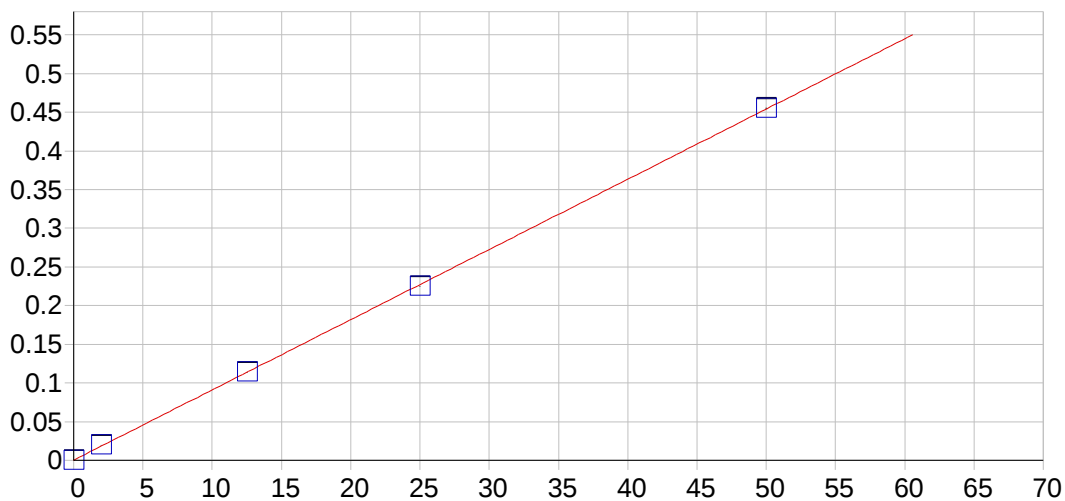


Zn 213.856 {458}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004466 Re-Slope: 1.000000
 A1 (Gain): 2.959643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000410
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00447	.000	1
S1	.04000	.03975	-.000	-.614	.12295	.000	1
S3	1.2500	1.2410	-.009	-.719	3.7010	.003	1
S4	2.5000	2.4843	-.016	-.627	7.4044	.024	1
S5	5.0000	5.0249	.025	.498	14.971	.011	1



K 766.490 {44}

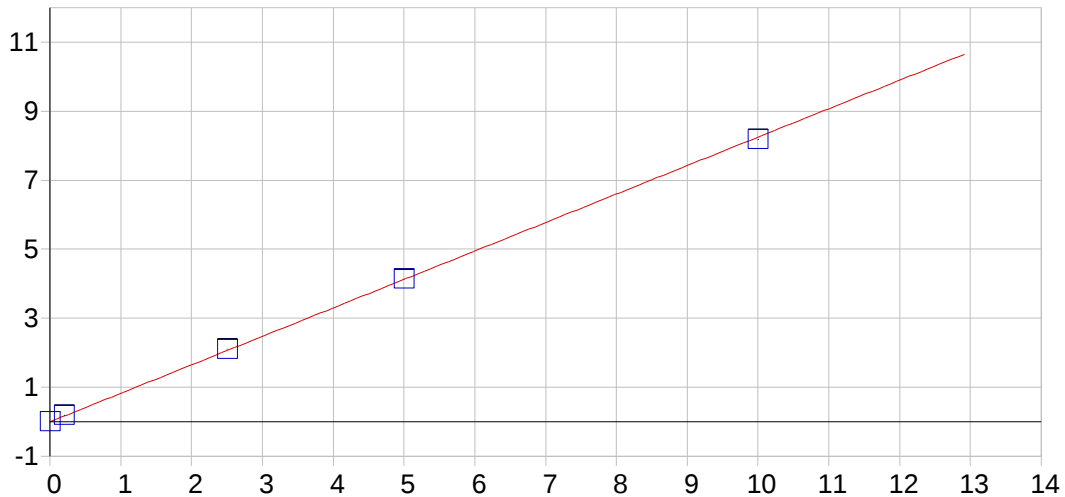
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000254 Re-Slope: 1.000000
 A1 (Gain): 0.009078 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000058
 Predicted MDL: 0.031918
 Predicted MQL: 0.106395

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1352	.135	6.76	.01964	.000	1
S0	.00000	-.00012	-.000	.000	.00025	.000	1
S3	12.500	12.531	.031	.251	.11401	.001	1
S4	25.000	24.728	-.272	-1.09	.22473	.001	1
S5	50.000	50.106	.106	.211	.45510	.001	1



Mo 202.030 {467}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

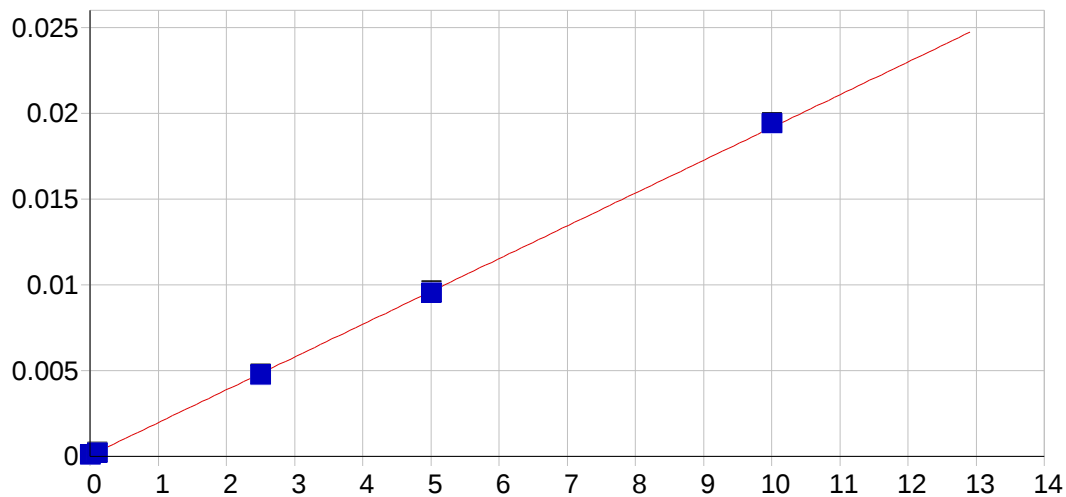
Weighting: 1/Conc

A0 (Offset): 0.000092
 A1 (Gain): 0.824869
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000863
 Predicted MDL: 0.000254
 Predicted MQL: 0.000846

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00007	.000	1
S1	.20000	.21773	.018	8.86	.17969	.001	1
S3	2.5000	2.5506	.051	2.02	2.1040	.003	1
S4	5.0000	5.0127	.013	.254	4.1349	.010	1
S5	10.000	9.9190	-.081	-.810	8.1819	.005	1

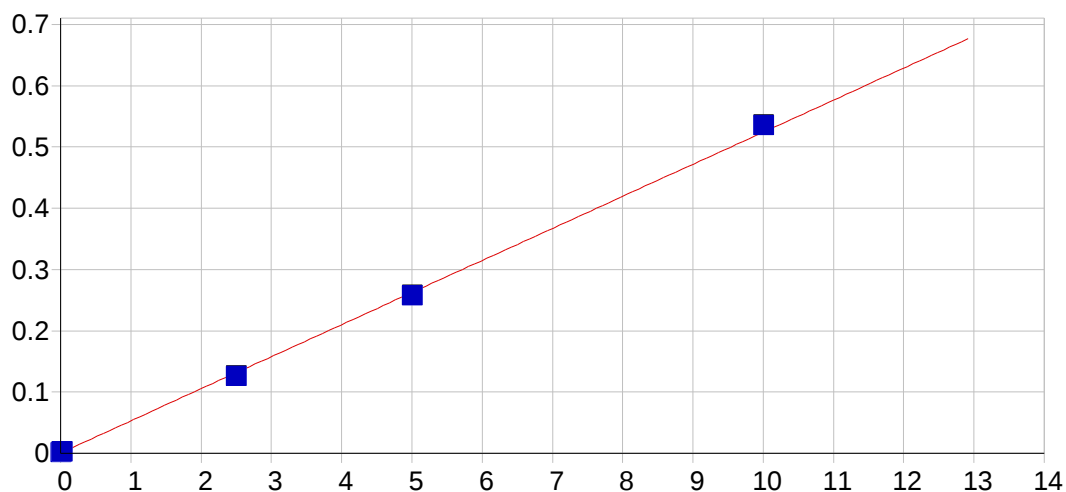


B 249.678 {135}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.001911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999678 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.014014
 Predicted MQL: 0.046714

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00006	.000	1
S1	.10000	.07188	-.028	-28.1	.00019	.000	1
S3	2.5000	2.4457	-.054	-2.17	.00472	.000	1
S4	5.0000	4.9514	-.049	-.972	.00950	.000	1
S5	10.000	10.131	.131	1.31	.01937	.000	1



S 182.034 {485}

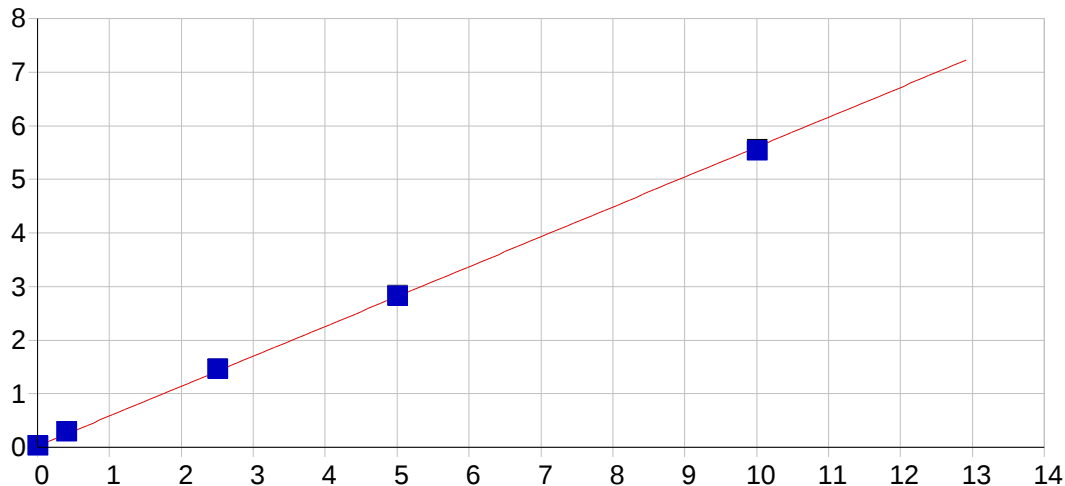
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000731 Re-Slope: 1.000000
 A1 (Gain): 0.052336 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999669
 Std Error of Est: 0.000033
 Predicted MDL: 0.002611
 Predicted MQL: 0.008705

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00073	.000	1
S1	.02000	.02176	.002	8.81	.00184	.000	1
S3	2.5000	2.3863	-.114	-4.55	.12547	.000	1
S4	5.0000	4.9028	-.097	-1.94	.25703	.000	1
S5	10.000	10.209	.209	2.09	.53445	.001	1



Si 288.158 {117}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

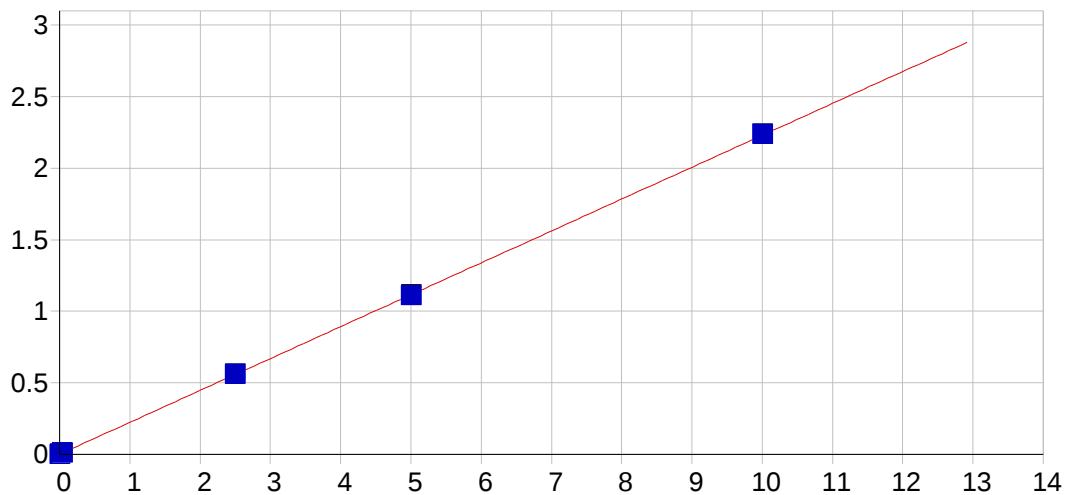
Weighting: 1/Conc

A0 (Offset): 0.024891
 A1 (Gain): 0.557421
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653
 Std Error of Est: 0.001602
 Predicted MDL: 0.002182
 Predicted MQL: 0.007274

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	-.00007	-.000	.000	.02485	.001	1
S1	.40000	.46066	.061	15.2	.28149	.002	1
S3	2.5000	2.5596	.060	2.38	1.4509	.004	1
S4	5.0000	5.0116	.012	.233	2.8170	.013	1
S5	10.000	9.8681	-.132	-1.32	5.5226	.031	1

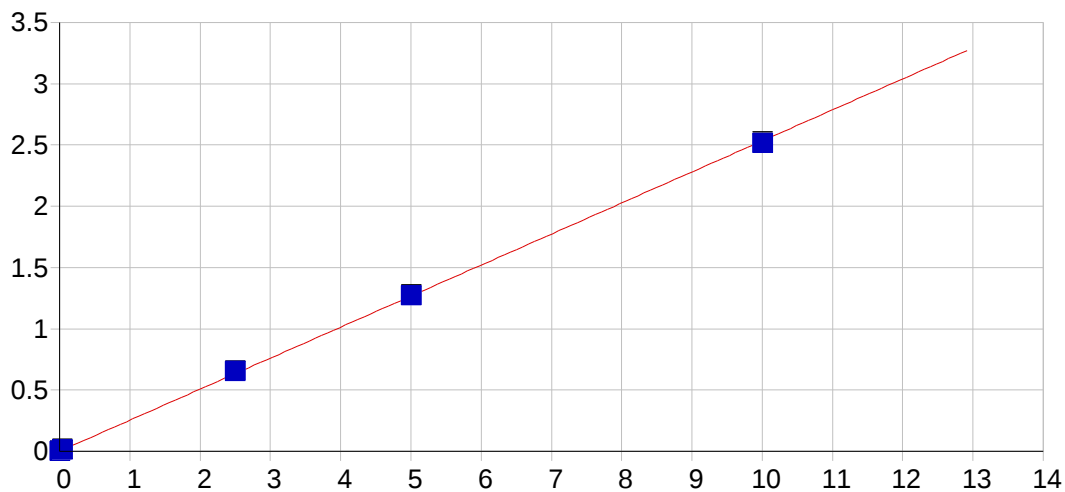


Sn 189.989 {477}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001423 Re-Slope: 1.000000
 A1 (Gain): 0.222869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000623
 Predicted MQL: 0.002075

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00142	.000	1
S1	.04000	.03918	-.001	-2.04	.01015	.000	1
S3	2.5000	2.5015	.002	.061	.55903	.001	1
S4	5.0000	4.9743	-.026	-.513	1.1102	.003	1
S5	10.000	10.025	.025	.250	2.2361	.001	1



Ti 336.121 {100}

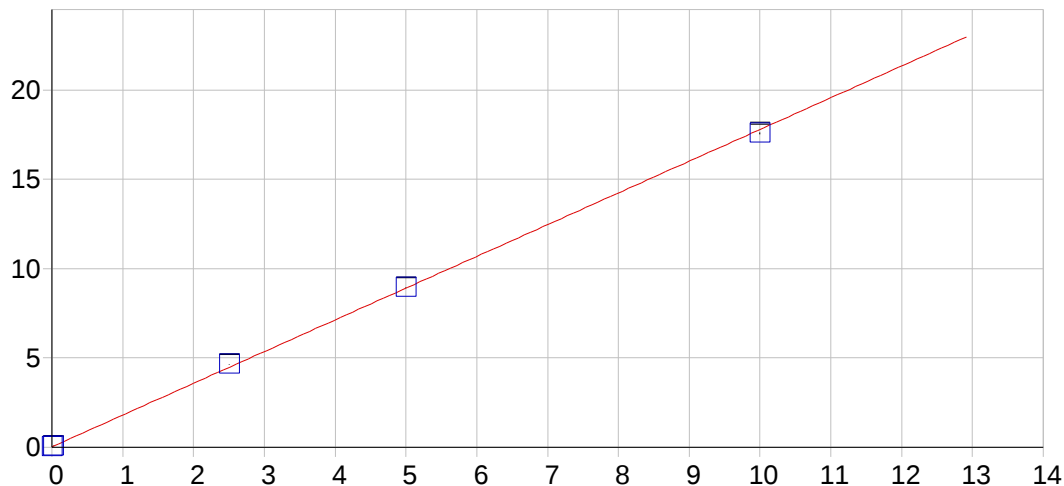
Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001348 Re-Slope: 1.000000
 A1 (Gain): 0.253184 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000114
 Predicted MDL: 0.002150
 Predicted MQL: 0.007167

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.04000	.04557	.006	13.9	.01288	.001	1
S3	2.5000	2.5636	.064	2.54	.65033	.005	1
S4	5.0000	5.0098	.010	.196	1.2696	.007	1
S5	10.000	9.9210	-.079	-.790	2.5129	.010	1



Li 670.784 { 50}

Date of Fit: 5/28/2019 15:45:33

Type of Fit: Linear

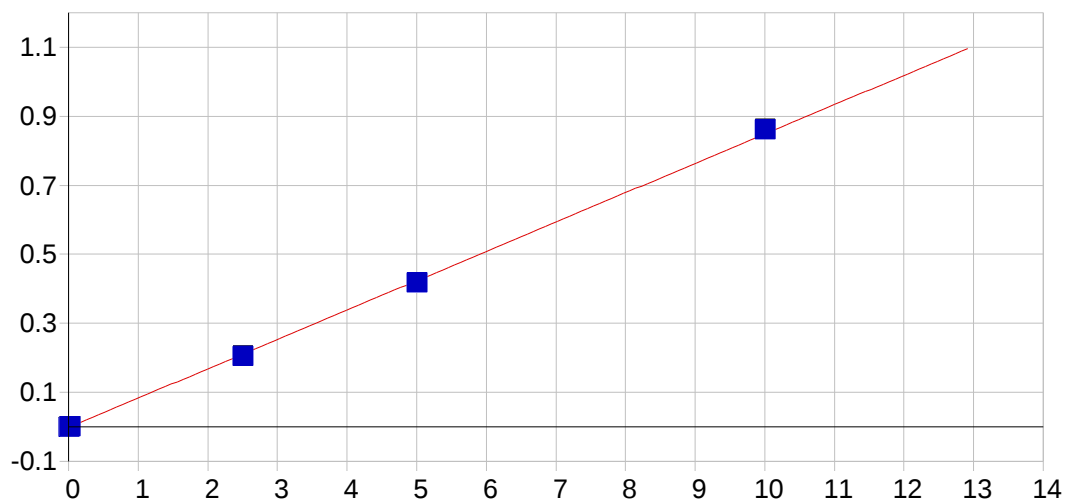
Weighting: 1/Conc

A0 (Offset): 0.027658
 A1 (Gain): 1.776136
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000796
 Predicted MDL: 0.001676
 Predicted MQL: 0.005587

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	.02765	.002	1
S1	.02000	.02287	.003	14.4	.06828	.002	1
S3	2.5000	2.6000	.100	4.00	4.6456	.009	1
S4	5.0000	5.0209	.021	.418	8.9454	.026	1
S5	10.000	9.8763	-.124	-1.24	17.569	.057	1

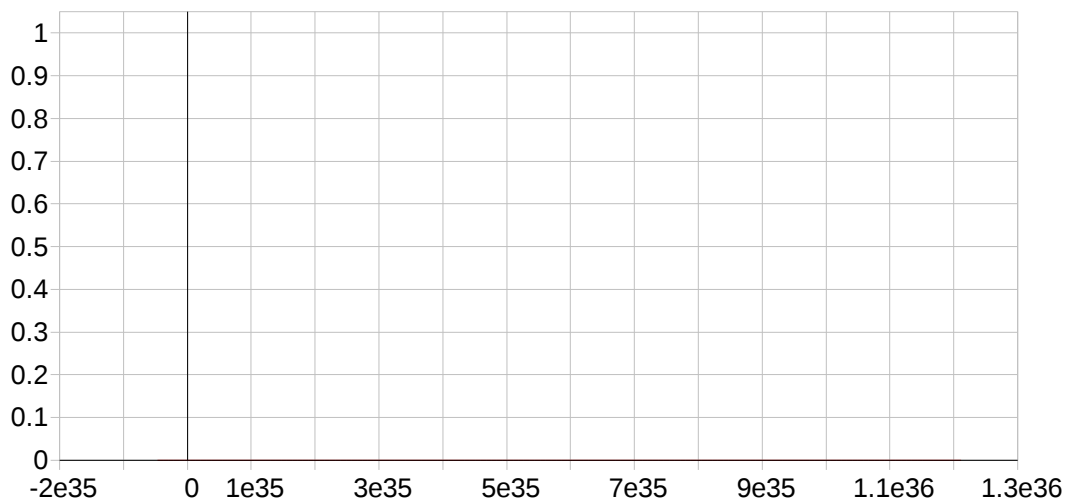


P 177.495 {490}

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001771 Re-Slope: 1.000000
 A1 (Gain): 0.085031 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.001519
 Predicted MQL: 0.005065

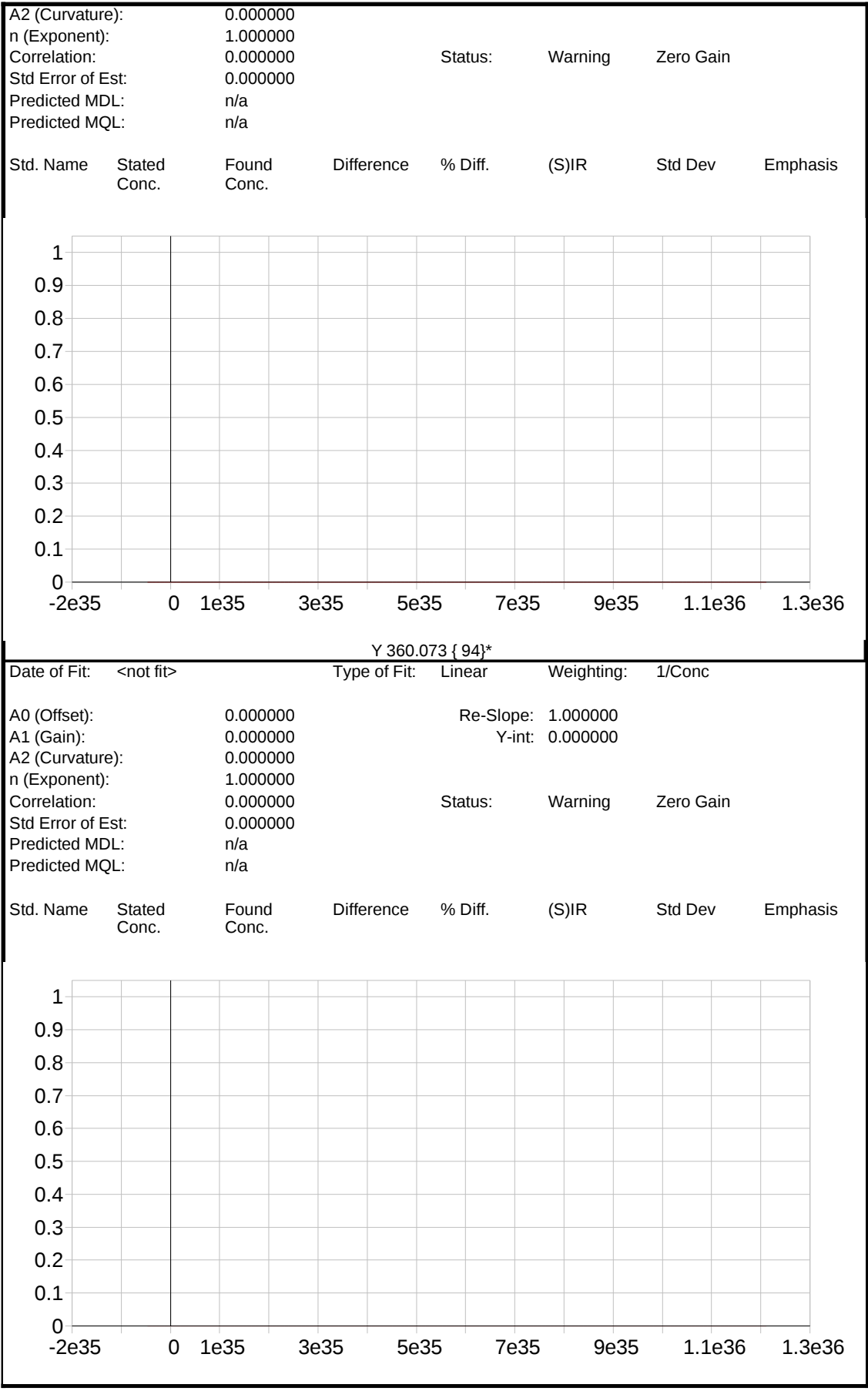
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00177	.000	1
S1	.02000	.02253	.003	12.7	.00014	.000	1
S3	2.5000	2.4259	-.074	-2.96	.20420	.001	1
S4	5.0000	4.9229	-.077	-1.54	.41621	.001	1
S5	10.000	10.149	.149	1.49	.85994	.001	1

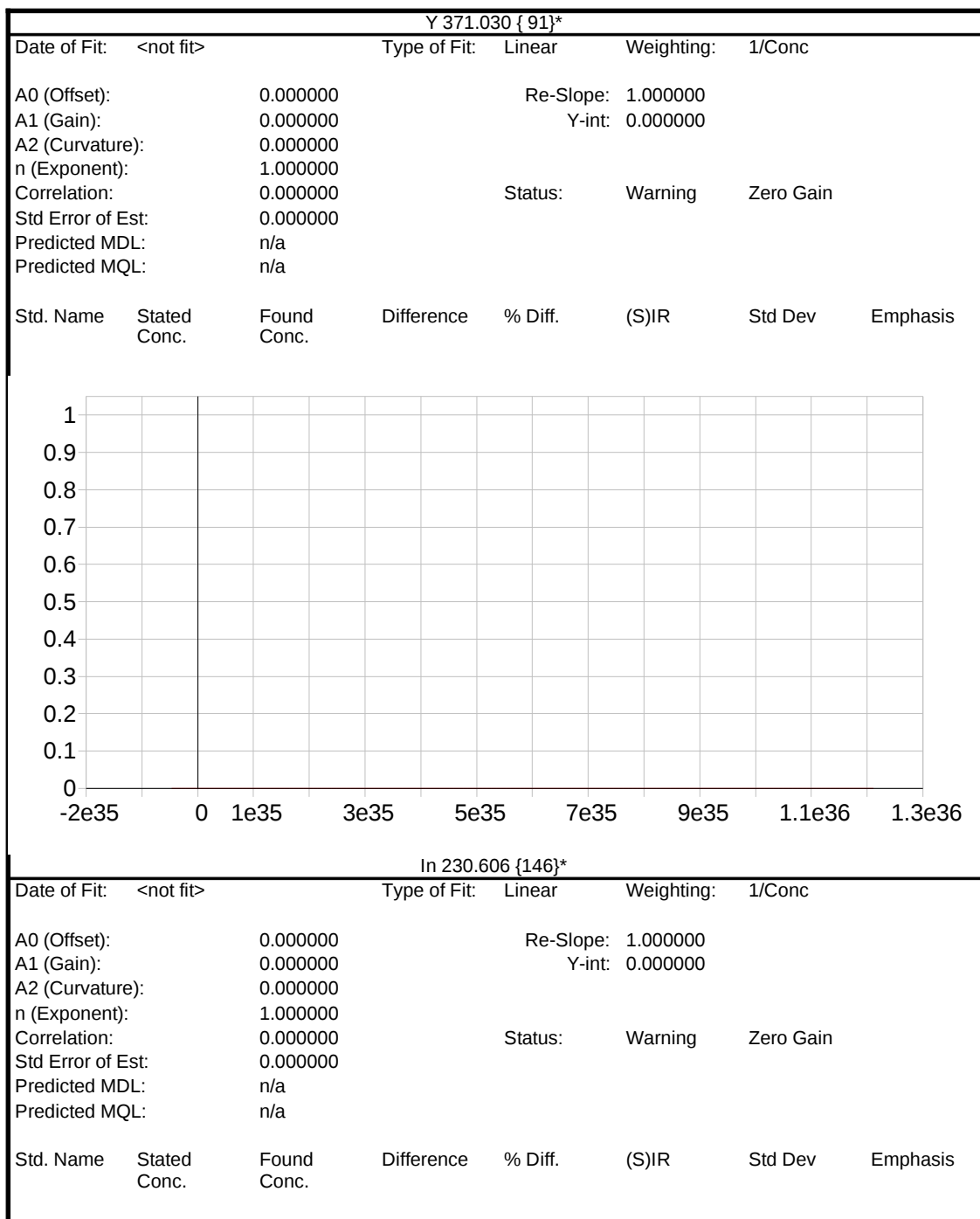


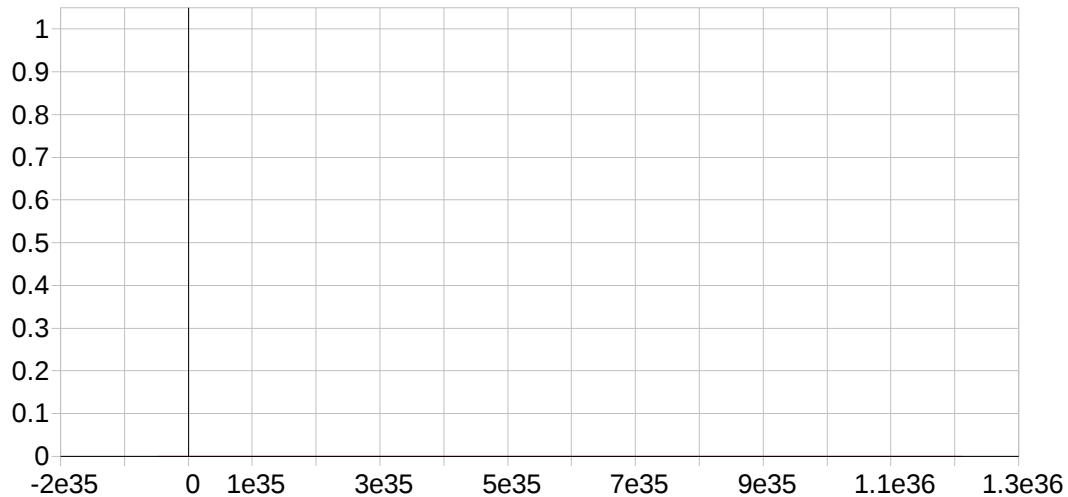
Y 224.306 {450}*

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

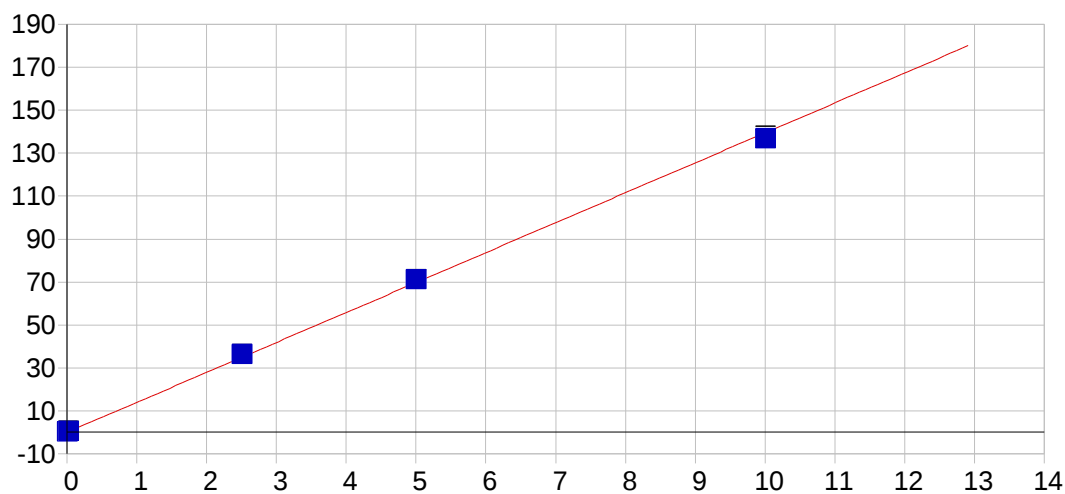
Status: Warning Zero Gain

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: 5/28/2019 15:45:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006879

Re-Slope: 1.000000

A1 (Gain): 13.946529

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999709

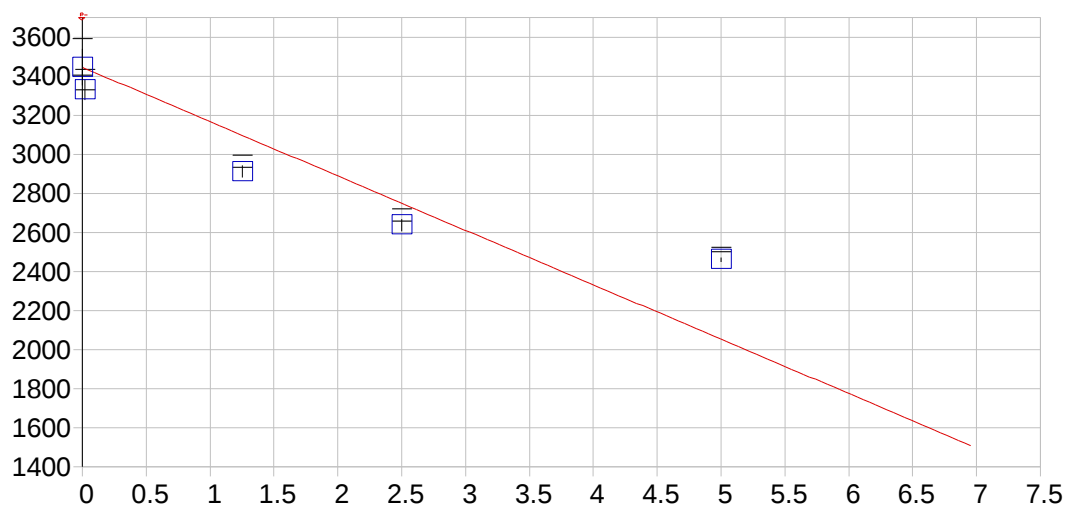
Status: OK.

Std Error of Est: 0.008133

Predicted MDL: 0.000087

Predicted MQL: 0.000291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00692	.001	1
S1	.02000	.02198	.002	9.88	.30115	.001	1
S3	2.5000	2.6053	.105	4.21	36.366	.074	1
S4	5.0000	5.0910	.091	1.82	71.071	.095	1
S5	10.000	9.8018	-.198	-1.98	136.85	1.00	1

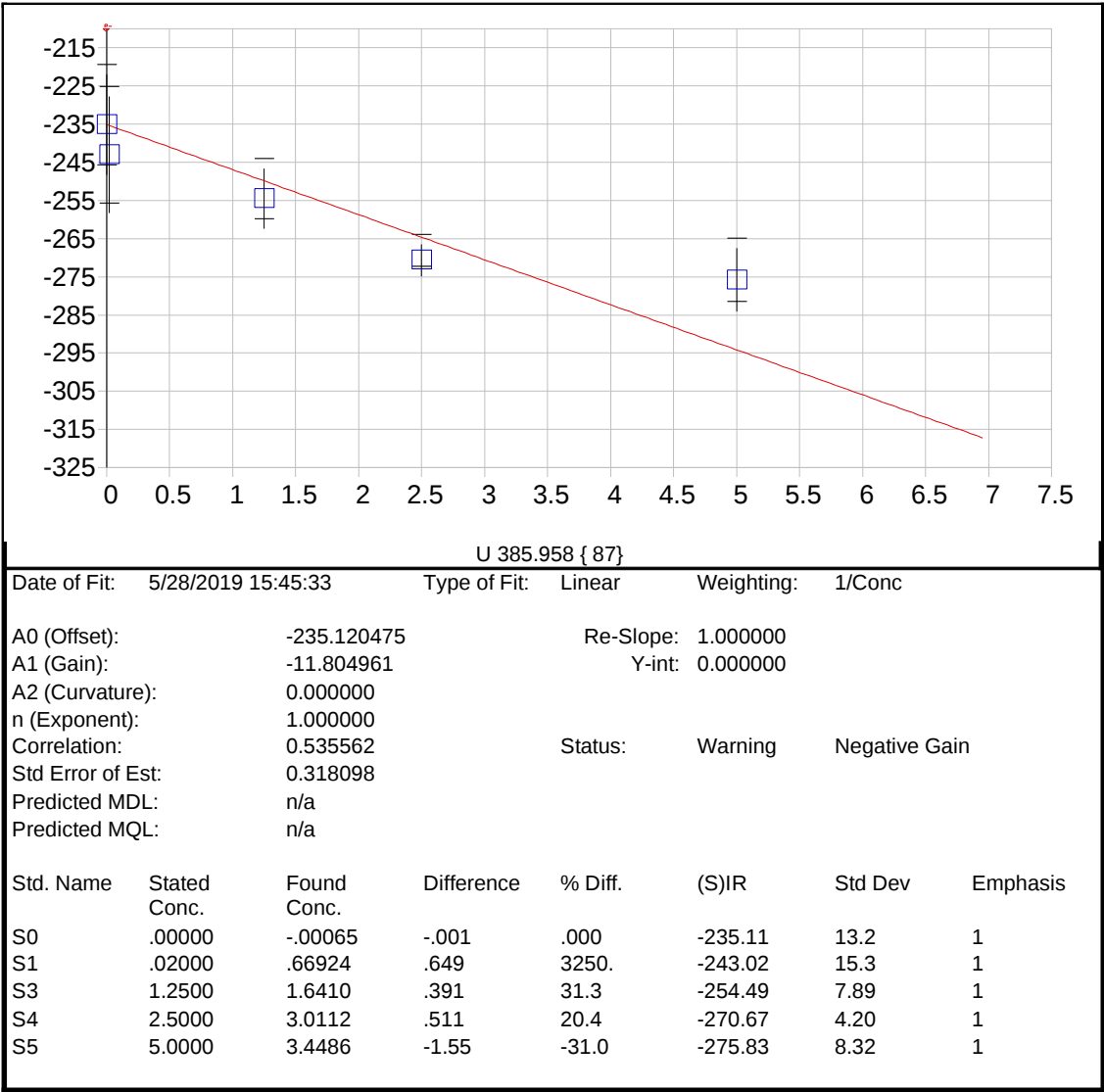


U 367.007 { 92 }

Date of Fit: 5/28/2019 15:45:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3445.322076 Re-Slope: 1.000000
A1 (Gain): -278.395463 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.712118 Status: Warning Negative Gain
Std Error of Est: 4.690217
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	-.000	.000	3445.4	93.4	1
S1	.02000	.41151	.392	1960.	3330.8	52.2	1
S3	1.2500	1.9196	.670	53.6	2910.9	31.1	1
S4	2.5000	2.9022	.402	16.1	2637.4	31.5	1
S5	5.0000	3.5366	-1.46	-29.3	2460.7	10.9	1



Sample Name: S0 Acquired: 5/28/2019 11:58:01 Type: Cal
Method: P4-ICP2(v3152) 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	-.00033	.00021	.00377	-.00015	.00042	.00080	.00098	.00010
Stddev	.00010	.00011	.00013	.00007	.00011	.00004	.00012	.00005
%RSD	31.676	50.725	3.5223	42.988	26.452	5.5886	12.024	46.372
#1	-.00038	.00014	.00392	-.00017	.00053	.00079	.00086	.00015
#2	-.00039	.00016	.00366	-.00008	.00032	.00084	.00109	.00005
#3	-.00021	.00033	.00374	-.00021	.00040	.00076	.00098	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00041	.00106	-.00020	-.00027	.00325	.00118	.00024	.00007
Stddev	.00008	.00040	.00002	.00051	.00012	.00003	.00008	.00003
%RSD	19.674	37.377	8.0864	190.68	3.7772	2.4978	35.239	41.846
#1	-.00046	.00100	-.00020	-.00059	.00339	.00115	.00015	.00007
#2	-.00044	.00149	-.00019	.00032	.00315	.00121	.00026	.00010
#3	-.00031	.00070	-.00022	-.00054	.00322	.00118	.00031	.00004
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	-.00738	-.00054	.00162	-.00010	.00447	.00025	.00007	.00006
Stddev	.00019	.00020	.00012	.00003	.00032	.00016	.00016	.00001
%RSD	2.5834	36.396	7.1369	26.504	7.1326	62.136	218.17	16.663
#1	-.00757	-.00034	.00157	-.00012	.00475	.00008	.00021	.00005
#2	-.00738	-.00056	.00154	-.00011	.00453	.00038	-.00010	.00006
#3	-.00718	-.00073	.00175	-.00007	.00412	.00030	.00011	.00006
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	.00073	.02485	.00142	.00135	.02765	-.0018	-.00692	3445.4
Stddev	.00001	.00078	.00011	.00029	.00154	.0000	.00057	93.4
%RSD	1.8036	3.1522	7.9951	21.778	5.5595	.7007	8.2757	2.7115
#1	.00072	.02466	.00133	.00121	.02649	-.0018	-.00665	3343.0
#2	.00072	.02418	.00155	.00168	.02706	-.0018	-.00757	3467.3
#3	.00075	.02572	.00139	.00115	.02940	-.0018	-.00652	3526.0

Sample Name: S0 Acquired: 5/28/2019 11:58:01 Type: Cal
Method: P4-ICP2(v3152) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-235.11
Stddev	13.19
%RSD	5.6111

#1	-229.03
#2	-250.25
#3	-226.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.9	45296.	3979.2	40.167	3816.7
Stddev	8.9	128.	23.9	1.193	8.7
%RSD	.25005	.28172	.59985	2.9693	.22733

#1	3565.4	45414.	3992.3	41.275	3808.1
#2	3566.1	45314.	3951.7	40.320	3816.5
#3	3581.2	45161.	3993.7	38.905	3825.4

Sample Name: S1 Acquired: 5/28/2019 12:02:28 Type: Cal
Method: P4-ICP2(v3152) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00101	.00579	.00783	.00130	.00905	.00184	.04117	.00617
Stddev	.00009	.00012	.00008	.00006	.00012	.00010	.00029	.00005
%RSD	9.1530	2.0871	1.0818	4.5556	1.3349	5.2459	.71153	.85006

#1	.00092	.00568	.00785	.00125	.00919	.00173	.04149	.00623
#2	.00110	.00592	.00791	.00137	.00897	.00190	.04091	.00615
#3	.00101	.00577	.00775	.00129	.00898	.00190	.04113	.00614

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	.02955	.00220	.03866	.02453	.01220	.02615	.02487	.00278
Stddev	.00033	.00004	.00008	.00019	.00013	.00010	.00003	.00011
%RSD	1.1187	1.9756	.21010	.76061	1.0752	.36368	.13340	3.8741

#1	.02917	.00217	.03856	.02459	.01208	.02606	.02491	.00281
#2	.02972	.00218	.03871	.02467	.01234	.02614	.02484	.00286
#3	.02975	.00225	.03870	.02431	.01217	.02625	.02487	.00266

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	.01024	.12295	.17969	.00019	.00184	.28149	.01015	.01288
Stddev	.00015	.00035	.00064	.00003	.00008	.00211	.00002	.00063
%RSD	1.4853	.28179	.35370	16.823	4.4006	.74877	.24497	4.8652

#1	.01026	.12274	.18040	.00023	.00190	.28392	.01018	.01219
#2	.01039	.12276	.17918	.00016	.00175	.28017	.01014	.01303
#3	.01008	.12335	.17948	.00019	.00187	.28037	.01014	.01342

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06828	.0001	.30115	3330.8	-243.02
Stddev	.00230	.0001	.00100	52.2	15.32
%RSD	3.3680	93.62	.33339	1.5667	6.3026

#1	.06619	.0002	.30096	3382.8	-228.63
#2	.06791	.0003	.30223	3278.4	-259.12
#3	.07075	.0000	.30025	3331.1	-241.31

Sample Name: S1 Acquired: 5/28/2019 12:02:28 Type: Cal
Method: P4-ICP2(v3152) 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	3570.9	45434.	3997.1	41.145	3798.2
Stddev	16.5	143.	19.3	.852	9.5
%RSD	.46221	.31545	.48188	2.0718	.25106
#1	3551.9	45270.	3975.2	40.634	3788.6
#2	3582.1	45496.	4004.5	42.130	3807.7
#3	3578.6	45536.	4011.5	40.673	3798.4

Sample Name: S2 Acquired: 5/28/2019 12:07:01 Type: Cal
Method: P4-ICP2(v3152) 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	.13535	.00145	.06966	.01964
Stddev	.00060	.00002	.00064	.00020
%RSD	.44113	1.4897	.91313	1.0167

#1	.13557	.00142	.06898	.01948
#2	.13580	.00146	.06975	.01957
#3	.13467	.00146	.07024	.01986

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	45810.	4053.5
Stddev	102.	39.5
%RSD	.22158	.97335

#1	45852.	4026.4
#2	45694.	4035.3
#3	45884.	4098.8

Sample Name: S3 Acquired: 5/28/2019 12:11:15 Type: Cal
Method: P4-ICP2(v3152) 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	.16010	.35049	.84006	.16747	.40917	.04684	1.9202	.12165
Stddev	.00066	.00073	.00037	.00086	.00029	.00037	.0049	.00088
%RSD	.41304	.20731	.04445	.51498	.07080	.79061	.25274	.72210

#1	.16086	.35041	.84032	.16841	.40937	.04643	1.9149	.12210
#2	.15978	.34981	.83963	.16728	.40930	.04714	1.9245	.12222
#3	.15966	.35126	.84023	.16671	.40884	.04695	1.9213	.12064

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	6.0801	.76061	.11557	1.6479	.61936	.26888	1.4819	.00808
Stddev	.0033	.00570	.00048	.0006	.00046	.00061	.0021	.00008
%RSD	.05492	.74923	.41411	.03797	.07437	.22686	.14262	1.0204

#1	6.0815	.75536	.11556	1.6486	.61913	.26958	1.4841	.00799
#2	6.0763	.75981	.11606	1.6474	.61907	.26848	1.4818	.00809
#3	6.0825	.76667	.11510	1.6477	.61989	.26857	1.4799	.00815

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	.97632	.19636	.39622	.32050	3.7010	.11401	2.1040	.00472
Stddev	.00027	.00075	.00131	.00076	.0030	.00054	.0031	.00005
%RSD	.02780	.38277	.33072	.23649	.08035	.47400	.14857	1.0083

#1	.97612	.19723	.39560	.32131	3.7028	.11345	2.1075	.00477
#2	.97663	.19589	.39772	.31980	3.7027	.11453	2.1016	.00472
#3	.97621	.19596	.39533	.32040	3.6976	.11405	2.1029	.00467

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	.12547	1.4509	.55903	.65033	4.6456	.2042	36.366	2910.9
Stddev	.00037	.0037	.00057	.00499	.0087	.0006	.074	31.1
%RSD	.29101	.25713	.10253	.76743	.18818	.2971	.20399	1.0676

#1	.12589	1.4549	.55927	.64470	4.6380	.2041	36.296	2883.3
#2	.12531	1.4505	.55945	.65210	4.6551	.2049	36.443	2944.6
#3	.12522	1.4475	.55838	.65420	4.6436	.2037	36.359	2904.8

Sample Name: S3 Acquired: 5/28/2019 12:11:15 Type: Cal
 Method: P4-ICP2(v3152) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-254.49
Stddev	7.89
%RSD	3.1005

#1	-260.83
#2	-256.99
#3	-245.66

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.8	44576.	4008.8	41.338	3519.0
Stddev	10.5	125.	10.5	.584	7.9
%RSD	.30051	.28111	.26149	1.4134	.22363

#1	3466.3	44617.	4014.9	41.038	3509.9
#2	3486.7	44435.	3996.7	40.964	3523.6
#3	3480.4	44675.	4014.8	42.011	3523.4

Sample Name: S4 Acquired: 5/28/2019 12:15:15 Type: Cal
Method: P4-ICP2(v3152) 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	.31988	.69844	1.6717	.33197	.80943	.09176	3.7978	.23954
Stddev	.00043	.00203	.0045	.00114	.00240	.00082	.0507	.00074
%RSD	.13497	.29113	.27130	.34370	.29676	.89868	1.3360	.30780

#1	.32037	.70025	1.6766	.33211	.81050	.09082	3.7392	.23970
#2	.31957	.69883	1.6709	.33304	.81112	.09239	3.8279	.23873
#3	.31969	.69624	1.6677	.33077	.80668	.09206	3.8262	.24018

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	12.212	1.4874	.22668	3.2966	1.2011	.51208	2.9019	.01599
Stddev	.027	.0023	.00033	.0106	.0023	.00091	.0039	.00014
%RSD	.22086	.15450	.14413	.32081	.18849	.17863	.13483	.85396

#1	12.242	1.4849	.22630	3.3088	1.2026	.51135	2.9064	.01590
#2	12.203	1.4877	.22691	3.2915	1.2021	.51179	2.9003	.01615
#3	12.190	1.4895	.22682	3.2896	1.1985	.51311	2.8991	.01593

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	1.9437	.38417	.78169	.63446	7.4044	.22473	4.1349	.00950
Stddev	.0057	.00156	.00224	.00086	.0240	.00061	.0105	.00011
%RSD	.29134	.40602	.28660	.13601	.32389	.27178	.25323	1.1683

#1	1.9494	.38279	.78000	.63395	7.4318	.22402	4.1445	.00937
#2	1.9436	.38386	.78423	.63398	7.3940	.22511	4.1366	.00953
#3	1.9381	.38586	.78085	.63546	7.3874	.22505	4.1237	.00959

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	.25703	2.8170	1.1102	1.2696	8.9454	.4162	71.071	2637.4
Stddev	.00039	.0131	.0034	.0073	.0261	.0007	.095	31.5
%RSD	.15318	.46331	.30547	.57149	.29133	.1585	.13402	1.1929

#1	.25689	2.8098	1.1125	1.2619	8.9244	.4156	71.076	2611.6
#2	.25748	2.8091	1.1118	1.2705	8.9373	.4169	70.973	2628.1
#3	.25673	2.8321	1.1063	1.2763	8.9746	.4162	71.164	2672.4

Sample Name: S4 Acquired: 5/28/2019 12:15:15 Type: Cal
 Method: P4-ICP2(v3152) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-270.67
Stddev	4.20
%RSD	1.5507

#1	-266.11
#2	-271.52
#3	-274.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.0	43489.	3959.1	40.107	3331.8
Stddev	14.4	79.	6.5	.508	12.4
%RSD	.42757	.18226	.16404	1.2656	.37291

#1	3362.0	43572.	3952.8	40.278	3317.4
#2	3381.9	43414.	3965.8	39.535	3339.1
#3	3390.1	43481.	3958.6	40.506	3338.8

Sample Name: S5 Acquired: 5/28/2019 12:19:23 Type: Cal
Method: P4-ICP2(v3152) 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	.64126	1.3826	3.3491	.66168	1.6119	.18251	7.6306	.47228
Stddev	.00138	.0032	.0025	.00159	.0015	.00061	.0573	.00094
%RSD	.21564	.23478	.07507	.24050	.09364	.33156	.75127	.19867
#1	.64069	1.3788	3.3502	.66047	1.6104	.18181	7.6390	.47217
#2	.64284	1.3847	3.3463	.66348	1.6134	.18282	7.5695	.47327
#3	.64027	1.3842	3.3510	.66109	1.6119	.18289	7.6832	.47140
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.551	2.9261	.44381	6.6562	2.3454	1.0003	5.5696	.03195
Stddev	.023	.0077	.00060	.0056	.0011	.0020	.0115	.00016
%RSD	.09367	.26395	.13424	.08349	.04565	.20361	.20671	.49573
#1	24.558	2.9199	.44315	6.6523	2.3463	.99833	5.5563	.03189
#2	24.525	2.9347	.44397	6.6537	2.3442	1.0024	5.5759	.03212
#3	24.570	2.9236	.44431	6.6625	2.3457	1.0003	5.5765	.03182
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8992	.76444	1.5710	1.2597	14.971	.45510	8.1819	.01937
Stddev	.0020	.00141	.0040	.0012	.011	.00114	.0051	.00004
%RSD	.05177	.18396	.25488	.09690	.07674	.25081	.06250	.19287
#1	3.8985	.76585	1.5679	1.2583	14.966	.45446	8.1772	.01940
#2	3.8977	.76444	1.5756	1.2605	14.962	.45642	8.1873	.01938
#3	3.9015	.76304	1.5697	1.2603	14.984	.45444	8.1813	.01933
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	.53445	5.5226	2.2361	2.5129	17.569	.8599	136.85	2460.7
Stddev	.00075	.0305	.0009	.0100	.057	.0011	1.00	10.9
%RSD	.14100	.55291	.04017	.39825	.32285	.1256	.73369	.44422
#1	.53359	5.4886	2.2367	2.5032	17.504	.8609	135.70	2452.2
#2	.53501	5.5314	2.2365	2.5232	17.595	.8588	137.29	2456.9
#3	.53475	5.5478	2.2350	2.5122	17.608	.8601	137.56	2473.1

Sample Name: S5 Acquired: 5/28/2019 12:19:23 Type: Cal
Method: P4-ICP2(v3152) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-275.83
Stddev	8.32
%RSD	3.0162

#1	-266.46
#2	-278.68
#3	-282.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.7	42550.	3936.0	38.572	3131.8
Stddev	3.8	30.	9.7	.636	2.2
%RSD	.11715	.07057	.24745	1.6478	.06976

#1	3269.6	42562.	3947.2	38.513	3134.0
#2	3262.0	42516.	3931.8	37.968	3131.8
#3	3265.4	42573.	3929.2	39.235	3129.6

Sample Name: ICV01 Acquired: 5/28/2019 12:29:01 Type: Unk
Method: P4-ICP2(v3152) 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	.99744	1.0349	.99615	1.0043	.98725	2.5108	.49915	.48967
Stddev	.00280	.0047	.00554	.0039	.00826	.0245	.00374	.00093
%RSD	.28039	.45425	.55654	.39030	.83692	.97464	.74835	.19071
#1	.99432	1.0324	.98978	1.0012	.97771	2.4877	.49650	.49073
#2	.99973	1.0320	.99990	1.0028	.99208	2.5364	.50342	.48896
#3	.99827	1.0403	.99877	1.0087	.99195	2.5084	.49752	.48933
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48499	10.199	.50167	.49349	.50196	5.0940	.51128	5.9924
Stddev	.00359	.067	.00081	.00281	.00136	.0048	.00093	.0729
%RSD	.74036	.66050	.16061	.56873	.27097	.09383	.18241	1.2169
#1	.48090	10.122	.50163	.49026	.50057	5.0992	.51228	5.9849
#2	.48761	10.247	.50250	.49527	.50203	5.0929	.51114	6.0688
#3	.48647	10.229	.50089	.49495	.50329	5.0898	.51043	5.9235
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49480	.50300	9.9874	.49236	.97460	10.009	2.4948	2.4759
Stddev	.00219	.00103	.0779	.00106	.00623	.101	.0158	.0483
%RSD	.44201	.20565	.78020	.21447	.63968	1.0099	.63158	1.9512
#1	.49237	.50289	9.9124	.49287	.96745	9.9308	2.4767	2.4334
#2	.49661	.50408	10.068	.49306	.97891	10.123	2.5058	2.5284
#3	.49541	.50202	9.9818	.49114	.97744	9.9739	2.5018	2.4660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00503	F 2.3666	2.4254	2.5472	F .00022	F .0055	F .00648	F 2.5930
Stddev	.00175	.0176	.0121	.0160	.00154	.0012	.00005	.0770
%RSD	34.801	.74283	.50030	.63006	691.44	22.16	.73113	2.9678
#1	.00301	2.3869	2.4117	2.5437	-.00114	.0045	.00644	2.5079
#2	.00603	2.3571	2.4346	2.5648	-.00009	.0052	.00646	2.6577
#3	.00604	2.3559	2.4301	2.5333	.00189	.0069	.00653	2.6134

Sample Name: ICV01 Acquired: 5/28/2019 12:29:01 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9843
Stddev	.1121
%RSD	5.6514

#1	1.9910
#2	1.8690
#3	2.0930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.7	45210.	4086.1	42.757	3588.5
Stddev	15.1	142.	26.0	1.188	17.8
%RSD	.43460	.31494	.63516	2.7782	.49596

#1	3497.2	45247.	4057.2	43.039	3607.3
#2	3467.0	45053.	4093.8	43.778	3571.9
#3	3481.0	45330.	4107.3	41.453	3586.1

Sample Name: LLICV01 Acquired: 5/28/2019 12:33:07 Type: Unk
Method: P4-ICP2(v3152) 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	.02279	.04399	.01250	.02399	.05582	.10363	.10895	.00664
Stddev	.00253	.00151	.00032	.00222	.00066	.00491	.00074	.00003
%RSD	11.109	3.4350	2.5882	9.2518	1.1841	4.7349	.67582	.42293
#1	.02336	.04574	.01254	.02296	.05654	.10744	.10844	.00667
#2	.02499	.04311	.01281	.02653	.05567	.10537	.10980	.00661
#3	.02002	.04313	.01217	.02247	.05524	.09809	.10862	.00664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	2.1663	.01037	.02985	.01956	.10858	.02318	2.0962
Stddev	.00003	.0161	.00026	.00022	.00017	.00092	.00012	.0201
%RSD	.55815	.74466	2.5485	.73824	.88899	.84538	.51867	.96048
#1	.00622	2.1508	.01067	.02981	.01976	.10806	.02318	2.1195
#2	.00615	2.1830	.01017	.03009	.01942	.10964	.02306	2.0848
#3	.00619	2.1652	.01027	.02966	.01951	.10805	.02330	2.0844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04120	.01099	2.1510	.04177	.04039	2.1323	.21868	.09170
Stddev	.00041	.00013	.0150	.00024	.00015	.0257	.00058	.01531
%RSD	.98992	1.1479	.69751	.57295	.38127	1.2041	.26452	16.695
#1	.04161	.01114	2.1346	.04188	.04052	2.1209	.21935	.10930
#2	.04080	.01092	2.1640	.04194	.04044	2.1617	.21838	.08426
#3	.04118	.01092	2.1543	.04150	.04022	2.1142	.21831	.08153
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01807	.45113	.04036	.04316	.02281	.0225	.02203	F 2.0674
Stddev	.00339	.00507	.00083	.00229	.00117	.0009	.00013	.0478
%RSD	18.758	1.1249	2.0452	5.3162	5.1472	3.853	.59689	2.3108
#1	.02020	.45552	.04080	.04133	.02409	.0235	.02205	2.0950
#2	.01985	.44557	.03941	.04574	.02256	.0221	.02190	2.0123
#3	.01416	.45229	.04087	.04242	.02178	.0219	.02216	2.0950

Sample Name: LLICV01 Acquired: 5/28/2019 12:33:07 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0791
Stddev	.6079
%RSD	29.239

#1	1.4886
#2	2.0456
#3	2.7030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.4	45620.	4097.2	41.875	3738.0
Stddev	15.9	100.	21.1	1.214	13.6
%RSD	.45151	.21847	.51607	2.8980	.36382

#1	3517.5	45632.	4073.0	40.852	3732.0
#2	3507.8	45515.	4112.4	43.216	3728.4
#3	3538.9	45713.	4106.1	41.557	3753.6

Sample Name: ICB01 Acquired: 5/28/2019 12:37:31 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	-.00034	-.00032	.00091	.00049	-.00707	.00038	-.00002
Stddev	.00328	.00074	.00035	.00112	.00065	.00734	.00021	.00005
%RSD	180.04	214.82	109.79	123.10	131.14	103.80	55.039	247.37
#1	-.00195	.00038	-.00071	.00218	.00010	-.01544	.00033	-.00003
#2	.00399	-.00031	-.00026	.00051	.00124	-.00411	.00019	.00003
#3	.00342	-.00110	-.00001	.00004	.00014	-.00167	.00060	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00024	-.00019	-.00020	-.00040	-.00280	-.00000	-.01464
Stddev	.00002	.01222	.00009	.00019	.00029	.00054	.00004	.03226
%RSD	68.019	5050.9	45.455	90.675	72.122	19.424	1189.8	220.30
#1	.00007	.01386	-.00015	-.00040	-.00007	-.00342	-.00005	.01369
#2	.00002	-.00769	-.00029	-.00003	-.00056	-.00238	.00004	-.04975
#3	.00003	-.00689	-.00012	-.00019	-.00057	-.00260	-.00001	-.00786
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00008	-.03121	-.00005	-.00015	.00315	.00005	-.01703
Stddev	.00036	.00003	.00398	.00044	.00001	.02294	.00015	.02310
%RSD	295.19	30.556	12.739	802.07	7.6392	728.93	317.74	135.68
#1	.00028	-.00009	-.03085	-.00039	-.00015	.00850	.00021	-.03328
#2	-.00024	-.00011	-.03536	-.00021	-.00013	.02294	-.00005	.00942
#3	-.00042	-.00006	-.02743	.00044	-.00015	-.02199	-.00002	-.02722
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00126	-.00129	.00162	-.00102	.0032	.00009	F 1.4539
Stddev	.00125	.00182	.00034	.00161	.00139	.0005	.00004	.0860
%RSD	78.449	144.28	26.264	99.225	136.06	14.84	49.325	5.9121
#1	-.00142	-.00052	-.00090	.00329	-.00052	.0037	.00008	1.4556
#2	-.00292	.00007	-.00155	.00149	-.00259	.0031	.00014	1.5390
#3	-.00044	-.00334	-.00140	.00008	.00005	.0028	.00005	1.3671

Sample Name: ICB01 Acquired: 5/28/2019 12:37:31 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0883
Stddev	.1547
%RSD	14.212

#1	1.2393
#2	.93021
#3	1.0953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.3	45431.	3993.5	40.824	3766.5
Stddev	7.1	146.	25.4	1.168	4.6
%RSD	.20192	.32096	.63709	2.8613	.12325

#1	3522.9	45596.	3966.7	40.002	3766.7
#2	3530.9	45319.	3996.5	42.161	3761.7
#3	3537.1	45378.	4017.3	40.309	3771.0

Sample Name: CRI01 Acquired: 5/28/2019 12:41:59 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02043	.04286	.01280	.02321	.05373	.10321	.10678	.00647
Stddev	.00043	.00097	.00095	.00145	.00026	.01031	.00074	.00004
%RSD	2.0958	2.2649	7.4236	6.2517	.48127	9.9870	.69161	.56245
#1	.02010	.04383	.01318	.02181	.05356	.10019	.10680	.00644
#2	.02091	.04286	.01171	.02312	.05360	.11469	.10750	.00645
#3	.02026	.04189	.01349	.02471	.05403	.09475	.10603	.00651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00611	2.1844	.01054	.02986	.01918	.10705	.02288	2.0485
Stddev	.00006	.0281	.00031	.00023	.00016	.00055	.00010	.0550
%RSD	.95991	1.2863	2.9777	.75800	.83763	.51035	.42708	2.6833
#1	.00605	2.1525	.01084	.02993	.01935	.10684	.02277	2.0411
#2	.00611	2.2054	.01057	.02960	.01915	.10767	.02293	1.9977
#3	.00616	2.1954	.01021	.03004	.01903	.10663	.02294	2.1068
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04074	.01115	2.1021	.04168	.03975	2.0850	.21838	.08971
Stddev	.00025	.00026	.0083	.00026	.00015	.0110	.00034	.01102
%RSD	.62167	2.3245	.39660	.61705	.37093	.52625	.15536	12.279
#1	.04096	.01129	2.1072	.04186	.03959	2.0746	.21874	.08242
#2	.04080	.01085	2.1066	.04139	.03988	2.0964	.21807	.08433
#3	.04047	.01131	2.0925	.04180	.03979	2.0839	.21835	.10238
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01764	.45784	.03928	.04399	.02194	.0225	.02191	F 1.9605
Stddev	.00182	.00489	.00066	.00073	.00195	.0011	.00002	.0462
%RSD	10.330	1.0686	1.6742	1.6677	8.9051	4.778	.09704	2.3567
#1	.01830	.45536	.03954	.04458	.01972	.0212	.02191	1.9535
#2	.01558	.45468	.03853	.04317	.02272	.0231	.02189	1.9182
#3	.01904	.46348	.03976	.04423	.02339	.0231	.02193	2.0098

Sample Name: CRI01 Acquired: 5/28/2019 12:41:59 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6648
Stddev .5186
%RSD 31.149

#1 1.0743
#2 1.8740
#3 2.0462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.8	45662.	4004.1	41.440	3741.8
Stddev	5.6	204.	24.1	.639	3.7
%RSD	.15871	.44664	.60096	1.5417	.09810

#1	3518.5	45475.	4013.7	40.723	3738.0
#2	3527.1	45632.	4021.9	41.650	3742.2
#3	3528.9	45880.	3976.7	41.948	3745.3

Sample Name: ICSA01 Acquired: 5/28/2019 12:53:58 Type: Unk
 Method: P4-ICP2(v3152) 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	-.00465	.00783	.00255	-.01382	.00499	273.14	.00793	.00266
Stddev	.00129	.00015	.00051	.00519	.00167	1.63	.00011	.00006
%RSD	27.781	1.8611	20.111	37.578	33.410	.59827	1.4386	2.4176

#1	-.00343	.00777	.00283	-.01766	.00458	271.40	.00789	.00271
#2	-.00451	.00799	.00285	-.01590	.00683	273.37	.00806	.00267
#3	-.00600	.00772	.00196	-.00791	.00357	274.64	.00784	.00259

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	247.55	.04735	-.00094	.00542	95.422	.01420	274.75
Stddev	.00008	1.50	.00029	.00016	.00018	.479	.00019	2.39
%RSD	3.4622	.60786	.61722	17.014	3.3547	.50248	1.3422	.87127

#1	-.00238	246.13	.04742	-.00111	.00562	95.270	.01438	272.09
#2	-.00231	247.39	.04703	-.00080	.00527	95.036	.01422	275.46
#3	-.00247	249.13	.04760	-.00090	.00536	95.958	.01400	276.72

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00662	-.00255	.00141	.00180	-.01431	.01062	-.00056	.06146
Stddev	.00046	.00038	.00490	.00049	.00024	.01409	.00034	.01864
%RSD	6.8751	14.873	348.91	27.004	1.6798	132.77	61.587	30.323

#1	-.00656	-.00265	-.00375	.00232	-.01428	.02069	-.00040	.05821
#2	-.00620	-.00213	.00601	.00171	-.01408	.01665	-.00032	.04466
#3	-.00710	-.00287	.00196	.00136	-.01456	-.00549	-.00095	.08151

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	-.00110	.00955	-.00578	.00891	F .0208	-.00110	3.6233
Stddev	.00370	.00081	.00058	.00174	.00224	.0043	.00049	.0400
%RSD	123.17	73.928	6.0292	30.157	25.158	20.75	44.109	1.1036

#1	.00711	-.00049	.00912	-.00763	.00668	.0256	-.00160	3.6299
#2	.00196	-.00202	.01021	-.00417	.00890	.0173	-.00063	3.6595
#3	-.00006	-.00079	.00933	-.00554	.01116	.0194	-.00107	3.5804

Sample Name: ICSA01 Acquired: 5/28/2019 12:53:58 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.51641
Stddev	.39414
%RSD	76.322

#1	.16760
#2	.43765
#3	.94399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3141.7	40442.	3912.4	38.515	2999.9
Stddev	16.0	107.	10.4	.682	11.7
%RSD	.50801	.26493	.26506	1.7696	.39039

#1	3133.4	40320.	3900.5	39.173	2992.3
#2	3131.6	40484.	3919.4	38.561	2993.9
#3	3160.1	40522.	3917.3	37.812	3013.4

Sample Name: ICSAB01 Acquired: 5/28/2019 12:58:37 Type: Unk
Method: P4-ICP2(v3152) 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	.09724	.11505	.05532	.04131	.63938	269.38	.55530	.55633
Stddev	.00080	.00212	.00093	.00481	.00304	2.22	.00543	.00222
%RSD	.81945	1.8406	1.6771	11.650	.47486	.82586	.97843	.39833
#1	.09679	.11266	.05464	.04484	.63771	266.93	.55092	.55405
#2	.09677	.11669	.05638	.04327	.64288	269.91	.55360	.55645
#3	.09816	.11581	.05495	.03583	.63754	271.29	.56138	.55848
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0280	242.56	.56269	.51386	.49899	94.930	.53310	270.97
Stddev	.0065	1.37	.00292	.00363	.00398	.321	.00260	3.16
%RSD	.63451	.56463	.51885	.70732	.79849	.33852	.48724	1.1670
#1	1.0211	240.99	.55933	.51014	.49462	95.096	.53047	267.41
#2	1.0288	243.45	.56422	.51403	.49992	95.135	.53316	272.04
#3	1.0340	243.25	.56453	.51740	.50242	94.560	.53567	273.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0080	.21445	.01218	.52134	1.0908	.02095	1.0728	1.1770
Stddev	.0045	.00033	.00959	.00236	.0079	.01874	.0092	.0051
%RSD	.44630	.15469	78.771	.45209	.72282	89.452	.85609	.43209
#1	1.0033	.21474	.00111	.51862	1.0824	.04237	1.0631	1.1711
#2	1.0085	.21409	.01726	.52267	1.0921	.00760	1.0737	1.1796
#3	1.0122	.21452	.01815	.52274	1.0980	.01287	1.0814	1.1802
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .40911	.94093	1.0907	1.0382	F .43091	F .4261	F .42461	3.5130
Stddev	.00361	.00307	.0101	.0057	.00190	.0031	.00230	.0924
%RSD	.88167	.32628	.92694	.54546	.44095	.7261	.54211	2.6295
#1	.41326	.93791	1.0815	1.0317	.42904	.4291	.42206	3.5397
#2	.40743	.94405	1.0890	1.0412	.43284	.4229	.42653	3.5890
#3	.40666	.94084	1.1015	1.0418	.43085	.4262	.42523	3.4102

Sample Name: ICSAB01 Acquired: 5/28/2019 12:58:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.13117
Stddev	1.1327
%RSD	863.60

#1	1.4040
#2	-.24438
#3	-.76611

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.8	40411.	3933.0	38.061	2995.0
Stddev	5.2	84.	24.7	.865	1.4
%RSD	.16714	.20760	.62851	2.2722	.04689

#1	3140.1	40508.	3914.3	37.209	2996.2
#2	3129.9	40368.	3923.7	38.036	2995.3
#3	3137.3	40357.	3961.0	38.938	2993.4

Sample Name: CCV01 Acquired: 5/28/2019 13:03:01 Type: Unk
Method: P4-ICP2(v3152) 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	4.9707	4.9833	4.9219	4.9769	4.9698	9.8258	9.8154	.24958
Stddev	.0038	.0013	.0045	.0060	.0077	.0318	.0758	.00029
%RSD	.07568	.02507	.09091	.12094	.15592	.32350	.77259	.11467
#1	4.9706	4.9841	4.9232	4.9838	4.9735	9.7990	9.8941	.24983
#2	4.9670	4.9841	4.9169	4.9740	4.9751	9.8175	9.8093	.24964
#3	4.9745	4.9819	4.9255	4.9729	4.9610	9.8610	9.7428	.24927
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4582	24.945	.99783	2.4635	1.2335	4.9907	2.5279	24.684
Stddev	.0029	.061	.00379	.0025	.0007	.0131	.0059	.037
%RSD	.11770	.24472	.38002	.10202	.05970	.26282	.23136	.15032
#1	2.4596	24.971	1.0011	2.4631	1.2340	5.0032	2.5318	24.653
#2	2.4548	24.988	.99366	2.4612	1.2338	4.9771	2.5212	24.675
#3	2.4600	24.875	.99874	2.4662	1.2327	4.9918	2.5308	24.725
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4585	1.2409	24.856	2.4822	2.4617	24.682	4.9919	4.9355
Stddev	.0031	.0008	.049	.0029	.0023	.144	.0039	.0233
%RSD	.12565	.06561	.19620	.11876	.09224	.58493	.07729	.47145
#1	2.4590	1.2416	24.805	2.4817	2.4638	24.518	4.9953	4.9279
#2	2.4553	1.2411	24.902	2.4795	2.4593	24.744	4.9927	4.9616
#3	2.4614	1.2400	24.860	2.4853	2.4618	24.786	4.9877	4.9169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8778	4.9365	4.9149	4.9832	4.9630	4.958	5.0678	F 3.1130
Stddev	.0236	.0164	.0124	.0063	.0226	.010	.0156	.0437
%RSD	.48287	.33126	.25226	.12584	.45435	.1965	.30832	1.4037
#1	4.8641	4.9384	4.9099	4.9768	4.9372	4.968	5.0552	3.1574
#2	4.8642	4.9519	4.9058	4.9894	4.9789	4.949	5.0853	3.0700
#3	4.9049	4.9193	4.9290	4.9835	4.9730	4.955	5.0630	3.1115

Sample Name: CCV01 Acquired: 5/28/2019 13:03:01 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0260
Stddev	.3661
%RSD	12.100

#1	3.0510
#2	2.6480
#3	3.3790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.7	43668.	3969.9	39.739	3342.4
Stddev	9.3	106.	13.0	.936	5.8
%RSD	.27661	.24386	.32621	2.3558	.17387

#1	3374.6	43635.	3970.2	39.147	3337.8
#2	3374.1	43583.	3956.8	40.819	3340.4
#3	3390.5	43788.	3982.7	39.252	3348.9

Sample Name: LLCCV01 Acquired: 5/28/2019 13:07:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02324	.04299	.01181	.01877	.05220	.10364	.10615	.00643
Stddev	.00200	.00209	.00027	.00187	.00069	.00354	.00101	.00008
%RSD	8.5871	4.8616	2.2693	9.9414	1.3247	3.4130	.95031	1.2978
#1	.02122	.04418	.01211	.01985	.05256	.10449	.10630	.00653
#2	.02329	.04422	.01170	.01662	.05264	.09975	.10508	.00640
#3	.02521	.04058	.01161	.01986	.05140	.10667	.10708	.00637
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00605	2.1601	.01049	.02918	.01902	.11169	.02287	2.0906
Stddev	.00003	.0210	.00004	.00007	.00006	.00088	.00017	.0697
%RSD	.57222	.97172	.42390	.25488	.32278	.78550	.76489	3.3335
#1	.00607	2.1440	.01054	.02923	.01909	.11261	.02308	2.0149
#2	.00607	2.1838	.01045	.02910	.01899	.11159	.02276	2.1048
#3	.00601	2.1524	.01048	.02922	.01898	.11086	.02278	2.1522
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04042	.01101	2.0661	.04170	.04133	2.0800	.21498	.09250
Stddev	.00016	.00048	.0145	.00044	.00011	.0306	.00046	.01757
%RSD	.40556	4.3374	.70193	1.0610	.26341	1.4705	.21284	18.996
#1	.04051	.01112	2.0513	.04219	.04145	2.0566	.21526	.07842
#2	.04052	.01142	2.0665	.04156	.04130	2.0689	.21522	.08690
#3	.04023	.01049	2.0803	.04134	.04124	2.1146	.21445	.11219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02313	F .60322	.03896	.04253	.02170	.0217	.02173	F 2.3029
Stddev	.00051	.00605	.00067	.00061	.00049	.0010	.00007	.1152
%RSD	2.2170	1.0036	1.7219	1.4383	2.2429	4.660	.33759	5.0010
#1	.02358	.60513	.03954	.04208	.02162	.0208	.02178	2.1937
#2	.02324	.60808	.03823	.04228	.02222	.0228	.02176	2.4232
#3	.02258	.59644	.03913	.04323	.02126	.0215	.02165	2.2919

Sample Name: LLCCV01 Acquired: 5/28/2019 13:07:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8756
Stddev .6999
%RSD 24.340

#1 2.5428
#2 3.6798
#3 2.4042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.6	45735.	4036.4	40.924	3759.5
Stddev	10.1	215.	41.5	1.487	10.6
%RSD	.28695	.46943	1.0290	3.6345	.28284

#1	3522.9	45488.	3996.7	39.732	3747.2
#2	3539.5	45875.	4033.0	40.450	3766.0
#3	3541.3	45843.	4079.6	42.591	3765.2

Sample Name: CCB01 Acquired: 5/28/2019 13:11:32 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.00080	-.00092	-.00066	-.00013	-.00706	.00092	-.00007
Stddev	.00056	.00042	.00027	.00054	.00092	.00631	.00023	.00008
%RSD	30.744	53.066	29.892	81.675	701.70	89.341	25.099	121.81
#1	.00127	.00102	-.00089	-.00120	.00090	-.00130	.00118	-.00013
#2	.00179	.00031	-.00121	-.00011	-.00041	-.01380	.00075	-.00009
#3	.00239	.00106	-.00066	-.00068	-.00088	-.00608	.00082	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00341	.00010	-.00020	-.00049	-.00166	.00001	.00304
Stddev	.00005	.02441	.00024	.00003	.00021	.00044	.00004	.05886
%RSD	136.62	716.82	240.83	12.807	41.715	26.542	747.57	1934.0
#1	.00005	.00631	.00029	-.00021	-.00069	-.00131	-.00004	.01433
#2	-.00002	.02623	.00019	-.00022	-.00052	-.00151	.00005	.05544
#3	.00009	-.02233	-.00017	-.00017	-.00028	-.00216	.00000	-.06064
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00001	-.04264	.00029	-.00043	-.02032	.00021	-.03562
Stddev	.00019	.00047	.01196	.00045	.00003	.01475	.00025	.01587
%RSD	107.90	3133.6	28.043	156.46	6.5071	72.578	118.52	44.554
#1	.00003	.00050	-.05608	.00080	-.00043	-.02420	.00024	-.01807
#2	.00010	-.00042	-.03318	.00003	-.00045	-.00402	-.00005	-.03982
#3	.00039	-.00012	-.03867	.00002	-.00039	-.03273	.00044	-.04896
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.00130	-.00162	-.00004	-.00180	.0029	.00012	F 2.6280
Stddev	.00176	.00095	.00044	.00134	.00116	.0020	.00008	.1979
%RSD	101.52	73.009	26.891	3190.2	64.522	68.45	67.404	7.5295
#1	-.00020	.00030	-.00188	.00149	-.00255	.0045	.00007	2.4024
#2	.00323	.00219	-.00112	-.00102	-.00046	.0033	.00007	2.7723
#3	.00217	.00140	-.00186	-.00059	-.00238	.0007	.00020	2.7092

Sample Name: CCB01 Acquired: 5/28/2019 13:11:32 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1811
Stddev .2974
%RSD 13.633

#1 2.1047
#2 2.5092
#3 1.9294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.5	46241.	4067.4	43.068	3770.3
Stddev	6.5	139.	11.9	.420	6.8
%RSD	.18444	.30150	.29309	.97491	.18093

#1	3528.6	46104.	4078.5	42.943	3765.1
#2	3533.5	46235.	4054.8	42.725	3767.8
#3	3541.5	46383.	4068.9	43.536	3778.0

Sample Name: K3055-01 Acquired: 5/28/2019 13:15:31 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09196	-.00897	.36233	-.03735	.01524	151.52	.89324
Stddev	.00153	.00160	.00227	.00255	.00047	.18	.00096
%RSD	1.6659	17.815	.62725	6.8301	3.0520	.11931	.10751

#1	.09084	-.00795	.36436	-.03769	.01574	151.50	.89351
#2	.09134	-.01082	.36275	-.03464	.01483	151.35	.89403
#3	.09371	-.00816	.35987	-.03971	.01515	151.71	.89217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02535	.00616	25.055	.27600	.15916	.43487	362.82
Stddev	.00021	.00061	.169	.00104	.00109	.00141	.66
%RSD	.82452	9.8542	.67584	.37734	.68454	.32370	.18106

#1	.02524	.00680	24.871	.27603	.16007	.43634	362.57
#2	.02559	.00609	25.092	.27703	.15946	.43475	362.32
#3	.02521	.00559	25.203	.27495	.15795	.43354	363.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5669	40.580	.32159	-.02537	3.0539	.44030	.87043
Stddev	.0198	.110	.00193	.00034	.0081	.00061	.00620
%RSD	.26161	.27137	.60032	1.3452	.26486	.13860	.71177

#1	7.5495	40.476	.32339	-.02550	3.0554	.44100	.87689
#2	7.5884	40.569	.32183	-.02563	3.0612	.43994	.86986
#3	7.5628	40.695	.31955	-.02499	3.0452	.43995	.86454

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.567	.00417	.20036	2.8708	4.0479	.03234	5.3496
Stddev	.024	.00010	.01476	.0186	.0427	.00044	.0326
%RSD	.16770	2.4969	7.3643	.64627	1.0545	1.3546	.60992

#1	14.595	.00407	.21657	2.8837	4.0264	.03259	5.3258
#2	14.555	.00414	.18771	2.8791	4.0202	.03183	5.3362
#3	14.550	.00428	.19680	2.8495	4.0970	.03260	5.3868

Sample Name: K3055-01 Acquired: 5/28/2019 13:15:31 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11069	7.504	-.23914	<.00000	F<.00000
Stddev	.00087	.050	.00033	.11180	1.0369
%RSD	.78687	.6720	.13648	3.9054	1.6288
#1	.11164	7.552	-.23906	-2.7338	-64.846
#2	.10994	7.510	-.23950	-2.9211	-62.924
#3	.11050	7.452	-.23886	-2.9332	-63.209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.9	53210.	5083.3	40.725	3189.8
Stddev	20.2	60.	37.1	1.259	16.6
%RSD	.49264	.11218	.72979	3.0914	.51905
#1	4072.1	53234.	5125.4	42.168	3171.5
#2	4097.7	53142.	5069.5	40.157	3194.2
#3	4111.9	53253.	5055.1	39.850	3203.7

Sample Name: K3058-01 Acquired: 5/28/2019 13:20:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390514007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00746	-.00224	.10314	.01731	.00227	5.1828	1.4763	.00078
Stddev	.00103	.00033	.00092	.00097	.00037	.0420	.0132	.00009
%RSD	13.791	14.643	.89117	5.5838	16.143	.80981	.89488	11.105
#1	.00687	-.00186	.10255	.01825	.00192	5.2061	1.4661	.00085
#2	.00685	-.00245	.10420	.01632	.00225	5.1343	1.4716	.00068
#3	.00864	-.00240	.10267	.01735	.00265	5.2079	1.4912	.00080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	50.059	.04781	.00412	1.6395	22.925	1.0164	5.7063
Stddev	.00001	.251	.00018	.00022	.0039	.039	.0007	.0242
%RSD	.40457	.50042	.38655	5.2970	.23823	.16813	.07180	.42329
#1	.00178	49.803	.04777	.00425	1.6390	22.963	1.0170	5.7294
#2	.00180	50.070	.04765	.00387	1.6359	22.886	1.0156	5.6812
#3	.00178	50.304	.04801	.00424	1.6436	22.926	1.0167	5.7082
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03301	.00833	4.3446	.01532	1.7387	2.2950	.01337	.07871
Stddev	.00031	.00012	.0291	.00021	.0032	.0363	.00019	.02136
%RSD	.94985	1.4429	.66992	1.3770	.18513	1.5825	1.3847	27.136
#1	.03274	.00840	4.3206	.01543	1.7424	2.2618	.01347	.08076
#2	.03294	.00819	4.3361	.01545	1.7371	2.2894	.01348	.09897
#3	.03335	.00839	4.3770	.01507	1.7367	2.3338	.01315	.05640
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.194	1.8527	.05335	.10415	.00163	F 24.61	.16594	2.5287
Stddev	.037	.0093	.00137	.00432	.00122	.07	.00053	.2082
%RSD	.15776	.50308	2.5680	4.1451	74.427	.2790	.31939	8.2321
#1	23.236	1.8559	.05396	.10015	.00055	24.66	.16554	2.5031
#2	23.175	1.8422	.05431	.10359	.00295	24.62	.16574	2.7485
#3	23.171	1.8601	.05178	.10872	.00141	24.53	.16654	2.3345

Sample Name: K3058-01 Acquired: 5/28/2019 13:20:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390514007 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.99825
%RSD	236.48

#1	-1.2201
#2	.69724
#3	-.74358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.3	46576.	4244.9	43.574	3637.5
Stddev	8.5	158.	22.0	1.780	8.9
%RSD	.24269	.33832	.51800	4.0853	.24523

#1	3505.7	46418.	4221.5	41.554	3627.3
#2	3521.9	46734.	4248.1	44.258	3642.1
#3	3509.3	46576.	4265.1	44.912	3643.3

Sample Name: K3059-01 Acquired: 5/28/2019 13:24:25 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390510023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	-.00175	.02669	.00929	.00371	10.962	.28650	.00045
Stddev	.00083	.00072	.00065	.00253	.00026	.081	.00257	.00003
%RSD	13.475	41.063	2.4268	27.275	6.9517	.73926	.89776	6.6868

#1	.00625	-.00250	.02633	.01199	.00345	10.907	.28549	.00048
#2	.00533	-.00107	.02631	.00892	.00397	11.055	.28942	.00042
#3	.00699	-.00168	.02744	.00696	.00371	10.923	.28459	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	15.523	.01902	.00421	.34093	23.344	1.5039	2.4683
Stddev	.00004	.082	.00126	.00039	.00057	.032	.0014	.0481
%RSD	14.267	.52789	6.6193	9.2664	.16691	.13604	.09528	1.9497

#1	-.00030	15.435	.02048	.00420	.34156	23.309	1.5033	2.4133
#2	-.00023	15.536	.01829	.00460	.34047	23.372	1.5056	2.5029
#3	-.00025	15.597	.01830	.00382	.34074	23.352	1.5029	2.4887

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01369	.00895	2.8692	.00306	.50581	3.2835	.00699	.01561
Stddev	.00024	.00013	.0239	.00011	.00070	.0270	.00019	.00868
%RSD	1.7815	1.4598	.83447	3.7185	.13765	.82067	2.6497	55.591

#1	.01345	.00881	2.8529	.00318	.50552	3.2529	.00677	.02376
#2	.01393	.00907	2.8967	.00303	.50660	3.3039	.00708	.01657
#3	.01370	.00896	2.8580	.00296	.50530	3.2936	.00711	.00649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7092	1.3301	.01707	.06074	-.00249	F 20.33	.05277	2.1719
Stddev	.0095	.0168	.00067	.00378	.00173	.02	.00022	.1390
%RSD	.12333	1.2613	3.9220	6.2188	69.357	.0890	.41298	6.4018

#1	7.7173	1.3244	.01772	.05827	-.00300	20.33	.05253	2.1547
#2	7.7116	1.3170	.01638	.06509	-.00390	20.35	.05295	2.3188
#3	7.6987	1.3490	.01711	.05887	-.00057	20.32	.05284	2.0423

Sample Name: K3059-01 Acquired: 5/28/2019 13:24:25 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390510023 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.54235
Stddev	.86030
%RSD	158.62

#1	-.26643
#2	.44723
#3	1.4463

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.8	47128.	4214.2	42.679	3740.5
Stddev	3.1	131.	14.3	.982	8.7
%RSD	.08746	.27712	.34036	2.3015	.23309

#1	3579.0	47037.	4205.6	43.664	3741.2
#2	3574.2	47068.	4230.8	42.675	3731.4
#3	3580.1	47277.	4206.3	41.699	3748.8

Sample Name: K3060-01 Acquired: 5/28/2019 13:28:42 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390509786 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	.00400	-.00960	.01069	.00945	5.6699	1.2706
Stddev	.00247	.00094	.00083	.00323	.00152	.0411	.0050
%RSD	36.903	23.464	8.6820	30.255	16.087	.72569	.39686

#1	.00926	.00494	-.00944	.01437	.00888	5.7028	1.2689
#2	.00435	.00307	-.00886	.00834	.00829	5.6832	1.2762
#3	.00644	.00398	-.01050	.00934	.01117	5.6238	1.2666

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01005	-.00443	57.560	.00754	.02023	1.5702	191.82
Stddev	.00015	.00002	.468	.00026	.00008	.0024	.36
%RSD	1.5253	.54619	.81339	3.4786	.41202	.15220	.18927

#1	.01019	-.00444	57.021	.00782	.02020	1.5686	192.21
#2	.00989	-.00440	57.871	.00748	.02033	1.5690	191.50
#3	.01006	-.00444	57.788	.00730	.02017	1.5729	191.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4400	8.0810	.05034	.01650	2.9680	.00502	2.5716
Stddev	.0036	.0143	.00050	.00009	.0115	.00050	.0025
%RSD	.14798	.17705	.98811	.57428	.38616	9.9113	.09713

#1	2.4440	8.0698	.04996	.01653	2.9665	.00447	2.5723
#2	2.4389	8.0760	.05090	.01639	2.9802	.00542	2.5688
#3	2.4370	8.0971	.05015	.01658	2.9574	.00518	2.5736

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.368	.01675	.21784	F 33.047	1.9048	.08457	.06517
Stddev	.063	.00028	.00589	.049	.0190	.00048	.00180
%RSD	.50966	1.6941	2.7042	.14866	.99527	.56804	2.7621

#1	12.321	.01699	.22145	33.101	1.9003	.08504	.06366
#2	12.439	.01681	.22103	33.005	1.8885	.08459	.06469
#3	12.343	.01643	.21104	33.035	1.9256	.08408	.06717

Sample Name: K3060-01 Acquired: 5/28/2019 13:28:42 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390509786 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00035	F 77.10	.70680	1.5273	F<.00000
Stddev	.00156	.07	.00470	.0597	1.5141
%RSD	449.45	.0961	.66429	3.9103	12.038

#1	.00140	77.18	.70146	1.4841	-10.862
#2	.00108	77.03	.71028	1.5955	-13.727
#3	-.00145	77.10	.70866	1.5023	-13.144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.4	46281.	4246.0	41.799	3468.8
Stddev	4.1	196.	9.8	.908	5.0
%RSD	.11787	.42260	.23126	2.1734	.14404

#1	3491.1	46061.	4255.2	42.632	3466.0
#2	3498.1	46350.	4247.2	41.934	3474.6
#3	3490.9	46433.	4235.7	40.831	3465.9

Sample Name: K3061-01 Acquired: 5/28/2019 13:33:03 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390509780 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01395	-.00458	.12149	.02541	.00780	10.724	.89594	.00220
Stddev	.00377	.00043	.00120	.00142	.00066	.063	.00469	.00004
%RSD	27.009	9.3096	.98366	5.5890	8.4150	.58371	.52322	1.9133
#1	.00967	-.00410	.12048	.02377	.00832	10.653	.89270	.00215
#2	.01678	-.00490	.12118	.02620	.00803	10.771	.90132	.00223
#3	.01540	-.00476	.12281	.02626	.00706	10.748	.89381	.00222
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	51.175	.14916	.01043	3.2893	35.976	.47030	12.496
Stddev	.00004	.074	.00099	.00003	.0083	.209	.00189	.046
%RSD	1.4329	.14407	.66046	.32609	.25287	.58066	.40164	.36933
#1	.00260	51.095	.15019	.01043	3.2979	36.194	.46955	12.445
#2	.00267	51.189	.14905	.01040	3.2813	35.955	.47245	12.508
#3	.00263	51.240	.14823	.01047	3.2888	35.778	.46890	12.535
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08756	.03301	2.0956	.02451	5.9312	10.342	.02589	.05038
Stddev	.00082	.00014	.0148	.00027	.0046	.048	.00021	.01694
%RSD	.94141	.41572	.70506	1.0859	.07807	.46326	.81447	33.613
#1	.08848	.03293	2.0831	.02461	5.9351	10.310	.02608	.05192
#2	.08734	.03295	2.1119	.02421	5.9261	10.397	.02567	.03273
#3	.08687	.03317	2.0920	.02471	5.9323	10.319	.02593	.06650
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.843	3.5174	.11786	.13834	.00330	F 64.35	.09939	2.4029
Stddev	.102	.0078	.00070	.00329	.00074	.14	.00080	.0439
%RSD	.31194	.22101	.59756	2.3812	22.400	.2239	.80606	1.8287
#1	32.936	3.5238	.11718	.13474	.00272	64.49	.09854	2.4375
#2	32.733	3.5088	.11783	.14120	.00414	64.20	.09947	2.3535
#3	32.859	3.5197	.11858	.13907	.00304	64.36	.10014	2.4177

Sample Name: K3061-01 Acquired: 5/28/2019 13:33:03 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390509780 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.14736
Stddev	.25904
%RSD	175.78

#1	-.01215
#2	.00799
#3	.44625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.5	46810.	4251.5	42.581	3603.6
Stddev	12.5	175.	1.0	1.115	12.0
%RSD	.35466	.37451	.02405	2.6194	.33245

#1	3505.4	46807.	4252.1	43.869	3590.7
#2	3530.3	46636.	4250.3	41.960	3614.4
#3	3516.9	46987.	4252.0	41.915	3605.7

Sample Name: K3062-01 Acquired: 5/28/2019 13:37:23 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390509779 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00145	.00379	.00321	.00089	.48989	.04431	.00004
Stddev	.00255	.00091	.00081	.00297	.00108	.00882	.00039	.00004
%RSD	1524.9	62.899	21.302	92.387	120.80	1.8011	.86903	95.814

#1	.00167	-.00044	.00457	-.00021	.00122	.48215	.04387	.00007
#2	-.00277	-.00171	.00383	.00510	.00177	.49950	.04457	.00007
#3	.00160	-.00221	.00296	.00475	-.00031	.48801	.04450	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	3.9459	.00792	.00031	.14027	1.9126	.03204	.94524
Stddev	.00004	.0268	.00067	.00013	.00070	.0019	.00011	.01307
%RSD	203.50	.67986	8.5122	41.886	.49843	.09804	.34034	1.3828

#1	-.00006	3.9160	.00717	.00045	.13995	1.9111	.03195	.93640
#2	.00001	3.9535	.00813	.00030	.14108	1.9119	.03200	.96025
#3	-.00001	3.9680	.00847	.00019	.13980	1.9147	.03216	.93906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00521	.00150	1.2116	.00097	.29664	1.4030	.00148	-.01390
Stddev	.00018	.00024	.0097	.00014	.00054	.0121	.00020	.02018
%RSD	3.5045	16.214	.80014	14.525	.18216	.86110	13.774	145.21

#1	.00510	.00178	1.2033	.00097	.29606	1.3942	.00129	-.01767
#2	.00542	.00142	1.2093	.00111	.29712	1.3979	.00145	.00790
#3	.00511	.00131	1.2222	.00083	.29674	1.4167	.00170	-.03192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4926	.55658	.00451	.02090	-.00351	4.316	.00923	2.1891
Stddev	.0063	.00254	.00044	.00181	.00119	.008	.00004	.0602
%RSD	.42240	.45706	9.8577	8.6420	33.812	.1911	.45058	2.7484

#1	1.4997	.55483	.00499	.02198	-.00443	4.312	.00918	2.2453
#2	1.4905	.55950	.00411	.02190	-.00217	4.311	.00924	2.1964
#3	1.4877	.55542	.00443	.01882	-.00394	4.326	.00926	2.1256

Sample Name: K3062-01 Acquired: 5/28/2019 13:37:23 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390509779 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8963
 Stddev .6597
 %RSD 34.788

#1 1.2266
 #2 1.9170
 #3 2.5455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.6	47559.	4174.8	44.474	3854.0
Stddev	18.1	85.	14.6	1.226	11.6
%RSD	.50259	.17796	.34915	2.7564	.30142

#1	3580.0	47596.	4191.2	43.498	3840.6
#2	3608.0	47620.	4163.4	44.075	3859.8
#3	3613.9	47463.	4169.8	45.850	3861.5

Sample Name: K3063-01 Acquired: 5/28/2019 13:41:44 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390515104 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	-.00053	.12955	.00940	.00254	16.753	.85266	.00131
Stddev	.00111	.00067	.00114	.00192	.00076	.113	.00703	.00013
%RSD	18.915	126.85	.88376	20.389	29.982	.67723	.82502	10.207

#1	.00663	-.00007	.12930	.00955	.00173	16.878	.85386	.00117
#2	.00639	-.00129	.12856	.00742	.00264	16.725	.85902	.00134
#3	.00460	-.00022	.13080	.01124	.00325	16.656	.84510	.00143

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	24.569	.09255	.00496	.71962	35.479	.75567	5.2366
Stddev	.00004	.092	.00056	.00021	.00119	.308	.00011	.0594
%RSD	2.0978	.37533	.60775	4.3214	.16569	.86949	.01454	1.1349

#1	.00202	24.628	.09198	.00519	.71895	35.761	.75556	5.2108
#2	.00205	24.463	.09258	.00477	.72100	35.527	.75578	5.3045
#3	.00211	24.616	.09310	.00493	.71892	35.149	.75566	5.1944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03086	.00963	3.8197	.02217	1.4435	4.7540	.00645	.03046
Stddev	.00029	.00027	.0315	.00048	.0017	.0081	.00007	.01089
%RSD	.95151	2.7831	.82464	2.1781	.11472	.17013	1.0626	35.772

#1	.03070	.00948	3.8194	.02270	1.4438	4.7550	.00649	.02518
#2	.03069	.00993	3.8513	.02177	1.4449	4.7616	.00637	.04298
#3	.03120	.00946	3.7883	.02204	1.4416	4.7455	.00648	.02320

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9405	1.2326	.04034	.15894	.00130	F 33.56	.17918	2.1387
Stddev	.0092	.0220	.00136	.00044	.00147	.07	.00160	.1174
%RSD	.13270	1.7880	3.3726	.27551	113.36	.2093	.89376	5.4886

#1	6.9372	1.2310	.04071	.15889	.00060	33.51	.18027	2.0270
#2	6.9509	1.2114	.03883	.15853	.00299	33.64	.17734	2.1280
#3	6.9334	1.2554	.04147	.15940	.00031	33.53	.17993	2.2610

Sample Name: K3063-01 Acquired: 5/28/2019 13:41:44 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390515104 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .09888
 Stddev .76705
 %RSD 775.76

#1 -.56506
 #2 -.07686
 #3 .93855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.8	47245.	4227.5	43.405	3684.2
Stddev	4.3	416.	27.9	.281	3.3
%RSD	.12016	.88075	.66076	.64654	.08879

#1	3579.6	46939.	4199.1	43.577	3684.9
#2	3572.9	47079.	4255.0	43.557	3680.7
#3	3580.9	47719.	4228.5	43.081	3687.1

Sample Name: K3064-01 Acquired: 5/28/2019 13:46:07 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390515103 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02798	-.00268	2.5352	-.02228	.03162	264.39	13.843
Stddev	.00260	.00067	.0050	.00494	.00251	.60	.034
%RSD	9.2735	24.870	.19803	22.188	7.9299	.22635	.24721

#1	.02825	-.00345	2.5307	-.02799	.02930	263.73	13.822
#2	.03043	-.00238	2.5343	-.01932	.03428	264.56	13.825
#3	.02526	-.00222	2.5406	-.01954	.03126	264.89	13.882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03160	.08546	340.75	1.1103	.07982	10.075	393.98
Stddev	.00052	.00015	1.89	.0030	.00041	.018	2.05
%RSD	1.6344	.17370	.55545	.26983	.51039	.18328	.52017

#1	.03110	.08546	339.40	1.1122	.08001	10.097	392.85
#2	.03213	.08561	339.93	1.1068	.08009	10.064	392.74
#3	.03155	.08532	342.91	1.1118	.07935	10.066	396.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.613	59.086	.40314	.12070	9.8235	.26150	22.844
Stddev	.027	.212	.00059	.00088	.0253	.00120	.011
%RSD	.23504	.35877	.14757	.72777	.25726	.46006	.04964

#1	11.644	59.250	.40346	.12161	9.8163	.26029	22.857
#2	11.599	59.162	.40245	.11986	9.8516	.26152	22.836
#3	11.595	58.847	.40351	.12064	9.8026	.26269	22.838

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.905	.04518	.18964	F 31.184	2.2388	.92544	2.2806
Stddev	.075	.00028	.00753	.047	.0232	.00060	.0089
%RSD	.41672	.62805	3.9707	.15146	1.0362	.06481	.39066

#1	17.910	.04551	.18829	31.225	2.2250	.92554	2.2776
#2	17.978	.04500	.18287	31.196	2.2257	.92598	2.2736
#3	17.828	.04504	.19775	31.132	2.2655	.92479	2.2906

Sample Name: K3064-01 Acquired: 5/28/2019 13:46:07 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390515103 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04938	F 328.1	2.7834	<.00000	F<.00000
Stddev	.00118	.6	.0169	.05338	.50555
%RSD	2.3855	.1841	.60747	3.3582	.58209

#1	.04820	328.8	2.7740	-1.6368	-86.400
#2	.05055	327.6	2.7732	-1.6004	-87.397
#3	.04938	327.9	2.8029	-1.5317	-86.755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3743.7	49577.	4936.4	40.250	2851.5
Stddev	11.8	157.	28.1	2.176	7.5
%RSD	.31621	.31674	.56840	5.4070	.26206

#1	3730.2	49401.	4936.9	39.309	2842.9
#2	3749.1	49701.	4964.3	42.739	2855.2
#3	3752.0	49631.	4908.2	38.704	2856.5

Sample Name: PB120109BL Acquired: 5/28/2019 13:50:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120102BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00000	-.00104	.00211	.00174	.00434	.00134	.00000
Stddev	.00170	.00111	.00048	.00327	.00091	.00639	.00032	.00004
%RSD	100.98	39894.	45.732	155.09	52.210	147.16	24.005	3519.4
#1	.00242	.00125	-.00085	-.00092	.00183	.01120	.00171	-.00001
#2	.00288	-.00041	-.00069	.00166	.00260	-.00144	.00114	.00005
#3	-.00026	-.00085	-.00159	.00557	.00079	.00327	.00116	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00991	.00016	-.00011	-.00018	F .02501	.00049	.00787
Stddev	.00006	.00780	.00019	.00004	.00026	.00342	.00002	.03579
%RSD	654.97	78.750	119.46	38.091	143.71	13.681	3.4619	455.00
#1	.00002	.00125	.00008	-.00015	.00012	.02814	.00050	-.02948
#2	.00007	.01639	.00002	-.00011	-.00034	.02552	.00050	.01120
#3	-.00006	.01208	.00038	-.00007	-.00031	.02136	.00047	.04187
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00055	-.04146	.00010	.00148	-.00493	-.00008	-.01435
Stddev	.00020	.00014	.00381	.00012	.00035	.01676	.00015	.00572
%RSD	151.81	24.923	9.1996	123.46	23.929	340.04	174.73	39.843
#1	-.00000	.00044	-.03782	.00001	.00182	-.01209	.00005	-.02013
#2	-.00037	.00050	-.04542	.00005	.00148	.01422	-.00006	-.01422
#3	-.00003	.00070	-.04114	.00024	.00112	-.01691	-.00024	-.00870
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01597	.06452	-.00129	.00372	.00025	F .0181	.00026	F 2.6166
Stddev	.00231	.01098	.00036	.00225	.00165	.0023	.00002	.0852
%RSD	14.459	17.015	28.063	60.498	671.24	12.62	8.9697	3.2554
#1	.01766	.07548	-.00163	.00594	-.00146	.0207	.00029	2.6706
#2	.01691	.06454	-.00134	.00378	.00184	.0171	.00026	2.5184
#3	.01334	.05353	-.00091	.00144	.00036	.0165	.00024	2.6609

Sample Name: PB120109BL Acquired: 5/28/2019 13:50:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120102BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0831
Stddev	.7321
%RSD	35.145

#1	1.2562
#2	2.6489
#3	2.3441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.1	46674.	4095.0	42.296	3753.9
Stddev	9.7	95.	24.6	.685	14.1
%RSD	.27405	.20419	.60099	1.6195	.37569

#1	3546.7	46576.	4090.4	42.134	3744.3
#2	3548.3	46767.	4073.1	41.707	3747.3
#3	3564.3	46681.	4121.6	43.048	3770.1

Sample Name: PB120102BS Acquired: 5/28/2019 13:55:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120102BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78951	2.0329	.99464	2.0053	.78852	1.9880	.21257	.19730
Stddev	.00446	.0047	.00151	.0043	.00645	.0031	.00124	.00122
%RSD	.56436	.23335	.15136	.21660	.81838	.15342	.58540	.61697
#1	.78448	2.0276	.99538	2.0059	.79596	1.9906	.21394	.19752
#2	.79296	2.0343	.99291	2.0093	.78523	1.9888	.21225	.19599
#3	.79110	2.0367	.99563	2.0007	.78438	1.9847	.21151	.19840
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19422	1.0859	.42857	.20472	.30559	3.2421	.21822	2.0268
Stddev	.00045	.0113	.00048	.00070	.00117	.0020	.00015	.0740
%RSD	.23163	1.0373	.11266	.34380	.38207	.06264	.06729	3.6500
#1	.19457	1.0737	.42802	.20531	.30693	3.2426	.21814	2.1120
#2	.19371	1.0880	.42890	.20490	.30503	3.2399	.21813	1.9893
#3	.19437	1.0959	.42879	.20394	.30480	3.2439	.21839	1.9791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51069	.07420	3.1563	.32313	.19432	10.505	.42339	.29565
Stddev	.00071	.00037	.0113	.00089	.00031	.032	.00072	.00979
%RSD	.13935	.50092	.35670	.27400	.16145	.30825	.16906	3.3099
#1	.50989	.07457	3.1692	.32266	.19453	10.509	.42415	.28683
#2	.51095	.07383	3.1487	.32415	.19448	10.535	.42273	.30618
#3	.51124	.07418	3.1509	.32258	.19396	10.470	.42329	.29394
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .19331	.94783	.69001	.21219	.21458	5.628	.21223	F 2.9353
Stddev	.00521	.00696	.00139	.00360	.00165	.004	.00143	.0526
%RSD	2.6933	.73453	.20085	1.6952	.76767	.0679	.67328	1.7909
#1	.19417	.94027	.69121	.20846	.21321	5.624	.21059	2.8782
#2	.19802	.94926	.69033	.21248	.21640	5.632	.21314	2.9461
#3	.18772	.95397	.68849	.21563	.21412	5.629	.21297	2.9817

Sample Name: PB120102BS Acquired: 5/28/2019 13:55:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120102BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .40543
Stddev	.41329
%RSD	101.94

#1	.21360
#2	.12292
#3	.87978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.7	46438.	4089.1	41.867	3707.5
Stddev	17.5	195.	23.7	1.923	16.5
%RSD	.49643	.42026	.58056	4.5928	.44502

#1	3510.8	46216.	4116.2	43.332	3688.7
#2	3537.3	46582.	4079.4	39.690	3714.1
#3	3544.0	46516.	4071.8	42.580	3719.6

Sample Name: CCV02 Acquired: 5/28/2019 14:01:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15023 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0437	4.9950	4.9113	5.0589	5.0026	9.8790	9.9876	.24953
Stddev	.0091	.0131	.0101	.0111	.0072	.0408	.0663	.00107
%RSD	.17964	.26241	.20463	.21926	.14283	.41352	.66363	.42730
#1	5.0526	4.9827	4.9076	5.0683	5.0105	9.8377	9.9496	.24830
#2	5.0345	5.0088	4.9037	5.0616	4.9965	9.9194	9.9490	.25010
#3	5.0440	4.9935	4.9227	5.0467	5.0009	9.8799	10.064	.25018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4589	25.010	.99674	2.4587	1.2380	4.9832	2.5165	25.064
Stddev	.0062	.021	.00105	.0058	.0034	.0027	.0038	.118
%RSD	.25027	.08528	.10507	.23438	.27605	.05502	.14941	.47249
#1	2.4575	24.989	.99633	2.4552	1.2394	4.9804	2.5171	24.988
#2	2.4536	25.010	.99793	2.4555	1.2341	4.9834	2.5124	25.005
#3	2.4657	25.031	.99596	2.4653	1.2405	4.9858	2.5199	25.201
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4712	1.2561	25.180	2.4963	2.4539	25.234	5.0548	5.0061
Stddev	.0065	.0003	.052	.0026	.0047	.069	.0063	.0425
%RSD	.26141	.02560	.20783	.10563	.19069	.27405	.12365	.84925
#1	2.4671	1.2565	25.172	2.4986	2.4533	25.214	5.0587	4.9611
#2	2.4678	1.2559	25.133	2.4934	2.4495	25.178	5.0476	5.0456
#3	2.4786	1.2559	25.236	2.4969	2.4588	25.311	5.0581	5.0116
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9711	4.9658	4.9530	5.0203	4.9513	5.050	5.0722	F 3.1516
Stddev	.0046	.0102	.0104	.0083	.0038	.007	.0127	.1642
%RSD	.09358	.20505	.20902	.16623	.07723	.1427	.25112	5.2094
#1	4.9670	4.9739	4.9534	5.0107	4.9555	5.058	5.0789	3.2593
#2	4.9762	4.9544	4.9424	5.0262	4.9504	5.044	5.0575	2.9627
#3	4.9700	4.9691	4.9631	5.0239	4.9480	5.049	5.0801	3.2329

Sample Name: CCV02 Acquired: 5/28/2019 14:01:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15023 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2303
Stddev .7076
%RSD 31.728

#1 2.5693
#2 1.4170
#3 2.7048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.4	43871.	4025.6	40.685	3357.0
Stddev	6.8	95.	12.3	.620	4.0
%RSD	.19986	.21545	.30636	1.5229	.11853

#1	3386.6	43809.	4011.4	41.259	3352.7
#2	3398.2	43823.	4032.3	40.028	3360.6
#3	3398.4	43979.	4033.2	40.766	3357.6

Sample Name: CCB02 Acquired: 5/28/2019 14:05:27 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00002	-.00072	-.00043	.00122	-.00484	.00084	-.00003
Stddev	.00128	.00083	.00016	.00085	.00127	.01024	.00048	.00002
%RSD	87.637	3510.9	21.745	194.70	104.09	211.58	57.575	59.522
#1	.00291	.00060	-.00085	.00034	.00070	-.01664	.00115	-.00002
#2	.00055	.00041	-.00055	-.00030	.00266	.00035	.00028	-.00005
#3	.00090	-.00093	-.00077	-.00134	.00029	.00177	.00109	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00832	.00004	-.00006	-.00043	-.00148	.00001	-.01607
Stddev	.00008	.00867	.00018	.00014	.00031	.00055	.00002	.01717
%RSD	123.69	104.19	408.94	216.53	70.948	37.353	415.54	106.83
#1	.00006	-.00191	.00001	-.00013	-.00072	-.00212	-.00000	-.00807
#2	.00015	-.00487	.00023	-.00015	-.00046	-.00108	-.00001	-.03578
#3	-.00001	-.01818	-.00011	.00009	-.00011	-.00125	.00003	-.00436
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00009	-.03285	-.00041	-.00020	-.02212	.00064	-.01161
Stddev	.00031	.00029	.00699	.00020	.00004	.01991	.00026	.01255
%RSD	151.52	340.29	21.289	47.866	19.062	90.027	40.050	108.12
#1	.00004	.00020	-.03789	-.00022	-.00015	-.04265	.00092	-.00714
#2	.00001	-.00008	-.03579	-.00061	-.00022	-.00289	.00041	-.02577
#3	.00056	-.00038	-.02486	-.00041	-.00022	-.02082	.00059	-.00190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	.01036	-.00018	.00303	-.00113	.0043	.00032	F 2.1720
Stddev	.00168	.00432	.00043	.00062	.00004	.0016	.00002	.1001
%RSD	45.029	41.652	233.99	20.409	3.7080	36.54	6.1858	4.6101
#1	.00563	.01173	-.00009	.00232	-.00114	.0060	.00033	2.0681
#2	.00316	.01383	-.00065	.00347	-.00108	.0029	.00033	2.2679
#3	.00242	.00553	.00019	.00328	-.00116	.0039	.00030	2.1800

Sample Name: CCB02 Acquired: 5/28/2019 14:05:27 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15023 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7870
Stddev .8031
%RSD 44.942

#1 1.0832
#2 1.6160
#3 2.6618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.0	46226.	4087.7	42.373	3788.0
Stddev	17.8	92.	28.6	.294	18.9
%RSD	.49739	.19942	.69936	.69467	.49790

#1	3557.9	46128.	4055.5	42.695	3773.3
#2	3561.8	46311.	4097.4	42.307	3781.5
#3	3590.4	46238.	4110.2	42.118	3809.3

Sample Name: PB120102BL Acquired: 5/28/2019 14:09:56 Type: Unk
Method: P4-ICP2(v3152) 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	.00060	.00002	-.00124	.00051	-.00003	-.01330	.00084	.00003
Stddev	.00099	.00121	.00027	.00099	.00098	.01821	.00011	.00007
%RSD	165.73	5228.2	21.496	195.98	3494.6	136.92	13.310	215.98
#1	.00168	.00101	-.00115	.00094	.00052	-.00548	.00073	-.00005
#2	-.00025	-.00133	-.00153	.00121	.00055	-.00030	.00095	.00006
#3	.00035	.00039	-.00103	-.00063	-.00116	-.03410	.00083	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00868	-.00000	-.00014	-.00038	-.00222	-.00004	-.01778
Stddev	.00007	.01511	.00036	.00020	.00030	.00030	.00005	.03881
%RSD	538.84	174.03	8894.8	142.85	78.562	13.578	127.02	218.23
#1	.00001	-.02567	.00040	-.00025	-.00056	-.00257	.00002	-.02592
#2	.00009	.00329	-.00031	.00009	-.00004	-.00208	-.00006	.02445
#3	-.00006	-.00367	-.00010	-.00025	-.00054	-.00202	-.00007	-.05187
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00004	-.03977	.00029	-.00026	-.00561	-.00001	-.00740
Stddev	.00029	.00022	.00565	.00024	.00005	.01656	.00017	.01762
%RSD	127.86	565.55	14.204	82.100	21.464	295.36	2979.7	238.16
#1	.00056	-.00009	-.04628	.00006	-.00022	-.02345	.00016	-.02639
#2	.00010	.00020	-.03627	.00029	-.00023	-.00261	-.00001	.00842
#3	.00002	-.00023	-.03674	.00054	-.00032	.00925	-.00017	-.00422
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	.00386	-.00161	.00055	-.00063	.0026	.00014	F 2.1636
Stddev	.00247	.00160	.00059	.00242	.00187	.0016	.00011	.0946
%RSD	126.08	41.496	36.332	440.97	296.35	62.40	79.258	4.3724
#1	-.00062	.00215	-.00175	.00248	.00093	.0007	.00002	2.0687
#2	.00219	.00533	-.00097	.00133	-.00012	.0036	.00017	2.2579
#3	.00432	.00410	-.00212	-.00216	-.00270	.0034	.00024	2.1642

Sample Name: PB120102BL Acquired: 5/28/2019 14:09:56 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6442
Stddev	.4233
%RSD	25.744

#1	1.2224
#2	2.0689
#3	1.6414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.9	46389.	4078.2	41.199	3794.2
Stddev	15.8	115.	17.6	.781	19.5
%RSD	.44354	.24684	.43093	1.8966	.51497

#1	3560.9	46307.	4097.9	42.055	3777.0
#2	3566.9	46520.	4064.1	41.020	3790.1
#3	3590.9	46340.	4072.6	40.523	3815.5

Sample Name: PB120109BS Acquired: 5/28/2019 14:14:25 Type: Unk
Method: P4-ICP2(v3152) 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	.77634	1.9662	.94974	2.0093	.76388	1.9639	.20094
Stddev	.00244	.0066	.00050	.0087	.00327	.0181	.00263
%RSD	.31417	.33372	.05244	.43295	.42795	.92110	1.3106

#1	.77362	1.9612	.94959	2.0072	.76374	1.9484	.19790
#2	.77708	1.9637	.94934	2.0018	.76068	1.9596	.20228
#3	.77832	1.9736	.95030	2.0188	.76722	1.9838	.20263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19858	.18752	F 1.1712	.40588	.19189	.30333	3.0578
Stddev	.00050	.00016	.0073	.00049	.00043	.00053	.0018
%RSD	.24961	.08569	.62760	.12035	.22628	.17323	.05837

#1	.19868	.18745	1.1645	.40576	.19149	.30297	3.0596
#2	.19804	.18740	1.1791	.40547	.19183	.30308	3.0560
#3	.19901	.18770	1.1700	.40642	.19235	.30393	3.0578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20610	2.0229	.48729	.07478	3.0053	.30223	F .31616
Stddev	.00061	.0552	.00086	.00039	.0382	.00113	.00032
%RSD	.29753	2.7297	.17678	.52487	1.2707	.37404	.10213

#1	.20604	1.9647	.48704	.07433	2.9614	.30341	.31652
#2	.20674	2.0746	.48658	.07506	3.0305	.30213	.31607
#3	.20552	2.0294	.48825	.07493	3.0241	.30116	.31589

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.019	.40051	.28681	F -.00060	.92639	.65987	.19742
Stddev	.107	.00077	.01199	.00215	.00718	.00070	.00176
%RSD	1.0710	.19275	4.1796	358.09	.77468	.10603	.89007

#1	9.8957	.40016	.27306	.00187	.93278	.65939	.19627
#2	10.092	.39997	.29235	-.00209	.92777	.65955	.19654
#3	10.070	.40139	.29502	-.00158	.91862	.66067	.19944

Sample Name: PB120109BS Acquired: 5/28/2019 14:14:25 Type: Unk
Method: P4-ICP2(v3152) 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	.20262	F 5.419	.19939	F 2.2406	F .60943
Stddev	.00026	.009	.00085	.1039	.85390
%RSD	.12981	.1600	.42789	4.6349	140.11
#1	.20288	5.409	.19844	2.1771	.23989
#2	.20263	5.422	.19965	2.3604	1.5859
#3	.20235	5.425	.20008	2.1842	.00254
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.0	46614.	4105.3	43.853	3806.4
Stddev	5.5	122.	20.5	1.303	4.8
%RSD	.15406	.26181	.49818	2.9723	.12495
#1	3579.4	46728.	4081.8	42.545	3804.3
#2	3589.4	46629.	4119.2	45.152	3811.8
#3	3580.3	46486.	4115.0	43.861	3803.0

Sample Name: K3024-01 Acquired: 5/28/2019 14:18:32 Type: Unk
Method: P4-ICP2(v3152) 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	.00150	.00296	.00362	.00170	.00260	.04756	.28385	.00003
Stddev	.00375	.00078	.00057	.00415	.00017	.02272	.00013	.00004
%RSD	250.73	26.252	15.819	243.78	6.5216	47.769	.04751	157.65
#1	.00582	.00347	.00414	-.00309	.00279	.07277	.28400	-.00002
#2	-.00078	.00334	.00300	.00417	.00246	.02868	.28377	.00005
#3	-.00055	.00206	.00372	.00404	.00255	.04122	.28377	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	211.46	-.00041	-.00034	.00202	-.01273	.00046	82.422
Stddev	.00006	.46	.00023	.00024	.00006	.00066	.00006	.238
%RSD	224.11	.21748	55.289	69.718	3.0064	5.1554	13.207	.28844
#1	-.00009	210.94	-.00064	-.00048	.00196	-.01233	.00048	82.587
#2	-.00002	211.82	-.00018	-.00046	.00200	-.01238	.00050	82.149
#3	.00003	211.61	-.00041	-.00007	.00208	-.01349	.00039	82.528
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00060	975.66	.00065	.13002	37.494	.11596	.36328
Stddev	.00048	.00024	2.67	.00029	.00037	.076	.00028	.02473
%RSD	20.664	39.763	.27379	43.994	.28121	.20357	.24229	6.8080
#1	-.00185	-.00034	977.18	.00059	.13029	37.579	.11572	.38881
#2	-.00281	-.00080	972.58	.00040	.13017	37.433	.11627	.33943
#3	-.00230	-.00067	977.22	.00097	.12961	37.469	.11589	.36161
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.184	F 12.683	-.01967	-.00711	.03023	.0254	1.3844	4.7028
Stddev	.201	.045	.00069	.00021	.00214	.0007	.0033	.0674
%RSD	.35790	.35244	3.4859	2.9137	7.0731	2.598	.23919	1.4343
#1	56.416	12.632	-.01972	-.00694	.02813	.0255	1.3806	4.6833
#2	56.077	12.700	-.01896	-.00704	.03240	.0247	1.3861	4.6472
#3	56.058	12.717	-.02033	-.00734	.03017	.0260	1.3866	4.7778

Sample Name: K3024-01 Acquired: 5/28/2019 14:18:32 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.716
Stddev	.694
%RSD	5.9224

#1	11.645
#2	12.443
#3	11.061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.8	39485.	3954.0	39.965	2929.7
Stddev	6.0	148.	15.2	.764	6.3
%RSD	.19610	.37489	.38493	1.9128	.21432

#1	3072.7	39492.	3965.2	39.482	2925.0
#2	3084.5	39629.	3960.1	39.567	2936.9
#3	3076.1	39333.	3936.7	40.846	2927.3

Sample Name: K3057-01 Acquired: 5/28/2019 14:23:03 Type: Unk
Method: P4-ICP2(v3152) 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	.01131	.00111	-.00100	.00371	-.00153	.01854	.32637	.00005
Stddev	.00205	.00071	.00096	.00211	.00084	.01128	.00153	.00009
%RSD	18.135	64.425	96.343	56.842	54.965	60.839	.46944	171.85
#1	.01360	.00167	-.00202	.00218	-.00115	.03021	.32466	.00013
#2	.01071	.00030	-.00011	.00612	-.00094	.01772	.32761	-.00004
#3	.00963	.00136	-.00087	.00284	-.00249	.00769	.32683	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	58.685	.00071	-.00027	.00049	.07284	.00220	18.662
Stddev	.00004	.313	.00045	.00012	.00031	.00062	.00006	.212
%RSD	173.44	.53268	63.530	45.371	62.657	.85134	2.5207	1.1357
#1	-.00002	58.347	.00019	-.00036	.00075	.07277	.00219	18.873
#2	.00004	58.963	.00101	-.00013	.00057	.07349	.00226	18.449
#3	.00004	58.743	.00093	-.00032	.00015	.07226	.00215	18.665
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00017	22.859	.00778	.12407	1.9084	.00218	.07715
Stddev	.00030	.00011	.037	.00012	.00044	.0200	.00013	.00909
%RSD	34.910	67.649	.16316	1.4959	.35823	1.0469	5.9283	11.778
#1	-.00079	-.00030	22.868	.00783	.12358	1.9314	.00221	.06686
#2	-.00060	-.00010	22.892	.00785	.12419	1.8977	.00203	.08405
#3	-.00119	-.00010	22.819	.00764	.12444	1.8960	.00229	.08055
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2857	F 17.089	-.00518	-.00057	.05590	.1669	.87146	3.2484
Stddev	.0156	.048	.00041	.00198	.00002	.0010	.00438	.0399
%RSD	.16808	.28021	7.9223	350.45	.04379	.5873	.50312	1.2280
#1	9.2692	17.037	-.00563	-.00004	.05591	.1679	.86665	3.2135
#2	9.2877	17.096	-.00508	-.00276	.05592	.1660	.87523	3.2399
#3	9.3002	17.132	-.00483	.00110	.05587	.1668	.87250	3.2919

Sample Name: K3057-01 Acquired: 5/28/2019 14:23:03 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7224
Stddev	.5274
%RSD	14.168

#1	3.6501
#2	4.2822
#3	3.2349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3464.2	45164.	4076.2	42.528	3611.4
Stddev	1.9	67.	11.1	1.048	3.8
%RSD	.05577	.14876	.27235	2.4637	.10578

#1	3463.0	45093.	4088.9	41.748	3613.0
#2	3463.2	45173.	4071.2	43.719	3607.0
#3	3466.4	45227.	4068.5	42.117	3614.1

Sample Name: K3057-01DUP Acquired: 5/28/2019 14:27:25 Type: Unk
Method: P4-ICP2(v3152) 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	.01260	.00012	-.00099	.00408	-.00138	.01112	.32793	.00006
Stddev	.00072	.00153	.00041	.00342	.00097	.01817	.00273	.00006
%RSD	5.7531	1326.4	41.116	83.846	70.237	163.39	.83196	95.753
#1	.01306	.00188	-.00062	.00341	-.00197	.02487	.32507	.00011
#2	.01176	-.00073	-.00092	.00779	-.00192	-.00948	.32820	-.00000
#3	.01297	-.00081	-.00142	.00104	-.00026	.01797	.33051	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	58.712	.00089	-.00017	.00050	.07414	.00224	18.905
Stddev	.00007	.247	.00043	.00002	.00026	.00070	.00004	.090
%RSD	407.47	.42139	47.916	11.077	52.931	.94900	1.8840	.47502
#1	.00004	58.576	.00123	-.00017	.00078	.07347	.00223	18.802
#2	-.00009	58.562	.00041	-.00015	.00046	.07487	.00229	18.947
#3	.00001	58.997	.00103	-.00019	.00026	.07407	.00221	18.966
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00008	22.973	.00778	.12248	1.8960	.00191	.08484
Stddev	.00026	.00028	.202	.00041	.00023	.0127	.00006	.00885
%RSD	44.965	336.41	.87928	5.2189	.18966	.67042	3.1923	10.435
#1	-.00052	.00017	22.793	.00780	.12262	1.9099	.00195	.07749
#2	-.00087	-.00004	22.934	.00818	.12262	1.8933	.00184	.09467
#3	-.00036	-.00039	23.191	.00736	.12222	1.8849	.00194	.08236
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3311	F 17.025	-.00515	-.00203	.05573	.1663	.86931	3.0871
Stddev	.0201	.086	.00066	.00173	.00095	.0004	.00325	.1171
%RSD	.21508	.50296	12.780	85.489	1.7064	.2187	.37346	3.7921
#1	9.3540	17.122	-.00505	-.00004	.05614	.1659	.86777	3.2201
#2	9.3169	16.995	-.00585	-.00324	.05464	.1666	.86712	3.0412
#3	9.3222	16.959	-.00454	-.00279	.05641	.1664	.87304	2.9999

Sample Name: K3057-01DUP Acquired: 5/28/2019 14:27:25 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8641
Stddev	.5926
%RSD	20.691

#1	3.2743
#2	3.1334
#3	2.1847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.2	45081.	4095.4	42.883	3609.0
Stddev	6.5	46.	13.5	.865	6.7
%RSD	.18620	.10167	.33020	2.0174	.18553

#1	3471.8	45121.	4079.8	43.777	3614.6
#2	3459.2	45091.	4103.8	42.822	3601.6
#3	3467.7	45031.	4102.6	42.050	3610.7

Sample Name: K3057-01LX5 Acquired: 5/28/2019 14:31:47 Type: Unk
Method: P4-ICP2(v3152) 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	.00314	.00007	-.00128	.00063	-.00001	-.00398	.06619	-.00001
Stddev	.00183	.00026	.00125	.00088	.00082	.00513	.00025	.00004
%RSD	58.293	399.10	97.562	140.11	6396.3	128.69	.37361	388.33

#1	.00114	.00037	-.00136	-.00016	-.00056	-.00362	.06624	.00003
#2	.00474	-.00011	-.00249	.00158	.00094	-.00928	.06592	-.00004
#3	.00354	-.00006	.00001	.00046	-.00042	.00095	.06641	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	11.905	-.00014	-.00011	-.00020	.01350	.00041	3.7291
Stddev	.00005	.084	.00036	.00010	.00040	.00070	.00003	.0527
%RSD	130.75	.70593	252.75	95.086	201.67	5.1491	6.8616	1.4145

#1	-.00002	11.830	-.00022	-.00021	.00015	.01357	.00044	3.7187
#2	.00006	11.888	-.00046	-.00011	-.00064	.01277	.00040	3.7862
#3	.00008	11.996	.00025	-.00001	-.00010	.01416	.00039	3.6823

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00012	4.5721	.00159	.02398	.41099	.00042	.00005
Stddev	.00040	.00034	.0215	.00048	.00003	.01215	.00026	.02134
%RSD	1866.9	296.67	.46918	30.295	.12758	2.9572	61.560	45407.

#1	.00018	.00024	4.5542	.00139	.02401	.39700	.00072	-.01699
#2	.00032	-.00045	4.5661	.00213	.02395	.41895	.00031	.02398
#3	-.00044	-.00013	4.5959	.00123	.02399	.41702	.00023	-.00685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8369	3.4774	-.00191	.00062	.01160	.0357	.17826	2.7573
Stddev	.0021	.0068	.00023	.00117	.00090	.0004	.00093	.1034
%RSD	.11435	.19590	11.822	188.38	7.7155	1.215	.52269	3.7513

#1	1.8348	3.4829	-.00180	.00003	.01075	.0355	.17734	2.6885
#2	1.8390	3.4796	-.00176	.00197	.01254	.0362	.17920	2.8762
#3	1.8369	3.4698	-.00217	-.00013	.01151	.0354	.17824	2.7071

Sample Name: K3057-01LX5 Acquired: 5/28/2019 14:31:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5718
Stddev	.6779
%RSD	26.360

#1	1.8516
#2	3.1976
#3	2.6661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.7	46244.	4121.3	42.589	3750.4
Stddev	12.3	69.	21.6	.374	7.9
%RSD	.34650	.14884	.52517	.87738	.21078

#1	3531.8	46200.	4112.2	42.730	3744.0
#2	3556.2	46209.	4105.6	42.873	3759.2
#3	3546.1	46323.	4146.0	42.166	3747.9

Sample Name: K3057-01MS Acquired: 5/28/2019 14:36:12 Type: Unk
Method: P4-ICP2(v3152) 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	.82018	1.9798	.95307	2.0679	.79949	2.0459	.55654	.20762
Stddev	.00450	.0023	.00331	.0090	.00306	.0178	.00420	.00072
%RSD	.54807	.11740	.34734	.43409	.38292	.87122	.75538	.34483
#1	.82464	1.9799	.95557	2.0760	.79608	2.0384	.55179	.20761
#2	.82026	1.9821	.95433	2.0694	.80200	2.0662	.55980	.20691
#3	.81565	1.9774	.94932	2.0582	.80038	2.0330	.55801	.20834
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19143	63.584	.41228	.19178	.29291	3.1584	.20756	22.162
Stddev	.00053	.268	.00072	.00047	.00027	.0028	.00031	.116
%RSD	.27442	.42155	.17345	.24625	.09337	.08771	.15150	.52394
#1	.19203	63.275	.41246	.19200	.29259	3.1585	.20734	22.029
#2	.19120	63.721	.41150	.19211	.29309	3.1556	.20743	22.217
#3	.19106	63.756	.41289	.19124	.29304	3.1611	.20792	22.241
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48061	.07547	27.613	.32121	.53715	12.429	.41836	.40900
Stddev	.00049	.00048	.172	.00164	.00139	.042	.00096	.02883
%RSD	.10115	.63595	.62284	.51055	.25948	.33680	.22959	7.0489
#1	.48110	.07492	27.415	.31937	.53871	12.390	.41925	.38100
#2	.48060	.07571	27.720	.32175	.53670	12.473	.41848	.43859
#3	.48012	.07578	27.705	.32251	.53604	12.424	.41734	.40742
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9838	F 18.814	.69628	.20215	.25994	6.107	1.1264	3.1061
Stddev	.0356	.010	.00292	.00169	.00197	.023	.0049	.0418
%RSD	.35639	.05081	.41915	.83482	.75780	.3787	.43685	1.3445
#1	10.021	18.808	.69798	.20023	.26211	6.133	1.1216	3.0898
#2	9.9794	18.825	.69291	.20337	.25827	6.099	1.1263	3.1535
#3	9.9507	18.808	.69796	.20286	.25944	6.089	1.1314	3.0748

Sample Name: K3057-01MS Acquired: 5/28/2019 14:36:12 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5140
Stddev	.3184
%RSD	21.027

#1	1.3239
#2	1.3366
#3	1.8816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.9	44797.	4087.2	42.642	3547.9
Stddev	5.0	105.	4.4	.327	5.2
%RSD	.14455	.23547	.10855	.76584	.14588

#1	3431.7	44912.	4087.5	42.656	3542.4
#2	3437.5	44705.	4082.7	42.962	3548.7
#3	3441.6	44775.	4091.5	42.309	3552.6

Sample Name: K3057-01MSD Acquired: 5/28/2019 14:40:14 Type: Unk
Method: P4-ICP2(v3152) 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	.82674	1.9789	.95657	2.0711	.80413	2.0676	.55899	.20659
Stddev	.00328	.0034	.00173	.0152	.00229	.0165	.00109	.00057
%RSD	.39638	.17368	.18104	.73396	.28535	.79697	.19556	.27395
#1	.82999	1.9765	.95510	2.0630	.80277	2.0522	.55826	.20669
#2	.82678	1.9829	.95848	2.0886	.80678	2.0655	.56025	.20711
#3	.82343	1.9774	.95614	2.0616	.80284	2.0850	.55848	.20599
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19255	63.722	.41258	.19198	.29464	3.1622	.20682	22.168
Stddev	.00050	.104	.00101	.00044	.00115	.0110	.00031	.161
%RSD	.26040	.16274	.24455	.22888	.38871	.34873	.14898	.72632
#1	.19275	63.607	.41362	.19217	.29508	3.1749	.20650	22.035
#2	.19292	63.807	.41161	.19230	.29549	3.1567	.20711	22.124
#3	.19198	63.754	.41251	.19148	.29334	3.1550	.20685	22.347
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48276	.07587	27.706	.32086	.53936	12.460	.42169	.42096
Stddev	.00092	.00050	.067	.00090	.00019	.051	.00133	.00770
%RSD	.18965	.66071	.24045	.28000	.03590	.41049	.31594	1.8295
#1	.48249	.07643	27.690	.32014	.53956	12.401	.42022	.41916
#2	.48378	.07547	27.779	.32187	.53933	12.489	.42281	.41431
#3	.48201	.07572	27.649	.32057	.53918	12.489	.42204	.42940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.002	F 18.975	.70030	.20846	.26545	6.119	1.1311	3.0686
Stddev	.026	.041	.00156	.00036	.00209	.011	.0018	.0465
%RSD	.25549	.21431	.22219	.17269	.78770	.1854	.15798	1.5142
#1	10.012	18.986	.69891	.20887	.26513	6.111	1.1291	3.0163
#2	10.022	18.930	.70002	.20822	.26354	6.132	1.1324	3.1053
#3	9.9735	19.009	.70198	.20828	.26769	6.113	1.1319	3.0842

Sample Name: K3057-01MSD Acquired: 5/28/2019 14:40:14 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.89032
Stddev	.61863
%RSD	69.484

#1	1.5560
#2	.78193
#3	.33306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.0	44411.	4045.4	42.594	3533.3
Stddev	4.3	73.	8.8	1.090	4.4
%RSD	.12652	.16548	.21852	2.5585	.12371

#1	3414.1	44326.	4036.4	43.641	3529.3
#2	3422.7	44460.	4054.1	42.676	3538.0
#3	3417.2	44446.	4045.6	41.466	3532.6

Sample Name: K3057-01A Acquired: 5/28/2019 14:44:17 Type: Unk
Method: P4-ICP2(v3152) 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	.82745	1.9833	.95699	2.0786	.81018	2.0799	.55983	.20627
Stddev	.00574	.0048	.00234	.0050	.00165	.0042	.00089	.00041
%RSD	.69317	.24304	.24491	.24293	.20397	.20375	.15851	.20042
#1	.82183	1.9842	.95737	2.0787	.81123	2.0847	.55944	.20590
#2	.83330	1.9876	.95912	2.0836	.81103	2.0780	.56085	.20672
#3	.82723	1.9781	.95448	2.0735	.80827	2.0769	.55920	.20619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19270	63.756	.41112	.19256	.29483	3.1571	.20691	22.381
Stddev	.00055	.116	.00047	.00044	.00047	.0034	.00040	.078
%RSD	.28379	.18160	.11393	.22600	.15929	.10691	.19117	.34708
#1	.19255	63.644	.41166	.19272	.29454	3.1588	.20716	22.371
#2	.19331	63.748	.41092	.19288	.29537	3.1592	.20711	22.310
#3	.19225	63.876	.41079	.19206	.29458	3.1532	.20645	22.464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48315	.07540	27.771	.31968	.54128	12.505	.42277	.40037
Stddev	.00155	.00046	.017	.00058	.00148	.052	.00128	.02781
%RSD	.32073	.61430	.06057	.18267	.27420	.41982	.30353	6.9454
#1	.48174	.07592	27.755	.32034	.54135	12.543	.42130	.38068
#2	.48481	.07525	27.769	.31945	.54273	12.527	.42336	.38825
#3	.48291	.07502	27.788	.31924	.53976	12.445	.42366	.43218
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.051	F 18.932	.69994	.20690	.26329	6.146	1.1277	3.0183
Stddev	.011	.047	.00385	.00090	.00093	.009	.0015	.0976
%RSD	.11371	.24678	.54973	.43449	.35165	.1505	.13608	3.2348
#1	10.061	18.939	.69644	.20716	.26300	6.144	1.1261	2.9175
#2	10.054	18.882	.70406	.20590	.26432	6.156	1.1279	3.1125
#3	10.039	18.975	.69933	.20764	.26254	6.137	1.1291	3.0249

Sample Name: K3057-01A Acquired: 5/28/2019 14:44:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6978
Stddev	.8421
%RSD	49.600

#1	2.6697
#2	1.2350
#3	1.1885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.8	44394.	4059.4	43.021	3522.9
Stddev	3.4	100.	5.9	1.443	4.5
%RSD	.10018	.22570	.14473	3.3551	.12856

#1	3410.7	44281.	4052.8	43.052	3524.2
#2	3406.0	44431.	4061.5	41.562	3517.9
#3	3412.7	44471.	4064.0	44.449	3526.7

Sample Name: K3047-01 Acquired: 5/28/2019 14:48:21 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01679	-.00081	.20005	.00410	.00748	99.812	.67121
Stddev	.00208	.00088	.00090	.00202	.00132	.506	.00247
%RSD	12.393	109.35	.45102	49.257	17.671	.50734	.36863

#1	.01652	-.00115	.20075	.00182	.00879	99.286	.66838
#2	.01899	-.00146	.19903	.00568	.00752	99.854	.67296
#3	.01485	.00019	.20036	.00480	.00614	100.30	.67230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01116	-.00320	18.223	.13852	.07994	.26625	148.96
Stddev	.00036	.00017	.076	.00063	.00043	.00092	.43
%RSD	3.2690	5.4079	.41883	.45278	.53281	.34740	.28721

#1	.01116	-.00323	18.283	.13924	.08043	.26657	149.20
#2	.01080	-.00302	18.137	.13810	.07963	.26698	148.47
#3	.01153	-.00336	18.250	.13820	.07977	.26521	149.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4287	28.899	.15862	-.00389	3.2069	.20371	.48645
Stddev	.0274	.207	.00087	.00033	.0169	.00092	.00129
%RSD	.61803	.71802	.54872	8.4601	.52577	.45288	.26503

#1	4.4158	28.665	.15962	-.00369	3.1905	.20407	.48538
#2	4.4101	28.970	.15804	-.00372	3.2060	.20266	.48788
#3	4.4601	29.061	.15819	-.00427	3.2242	.20439	.48609

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.741	.00109	.13743	.58920	6.5437	.01148	1.8604
Stddev	.002	.00038	.01833	.00167	.0273	.00099	.0047
%RSD	.01728	34.433	13.334	.28281	.41754	8.5993	.25068

#1	10.743	.00130	.13716	.58971	6.5571	.01169	1.8644
#2	10.739	.00132	.15589	.58733	6.5123	.01041	1.8614
#3	10.742	.00066	.11924	.59055	6.5618	.01235	1.8553

Sample Name: K3047-01 Acquired: 5/28/2019 14:48:21 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13986	4.967	-.04918	<.00000	F<.00000
Stddev	.00058	.003	.00055	.14249	.65170
%RSD	.41543	.0642	1.1214	31.807	5.2652
#1	.13950	4.970	-.04978	-.61252	-11.799
#2	.13955	4.969	-.04869	-.36721	-13.083
#3	.14053	4.964	-.04908	-.36425	-12.251
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.1	52136.	4838.0	42.827	3444.4
Stddev	11.6	169.	39.3	1.571	10.8
%RSD	.28836	.32329	.81233	3.6671	.31322
#1	4011.8	51942.	4795.3	42.023	3454.9
#2	4005.5	52246.	4872.6	41.821	3433.3
#3	4028.0	52220.	4846.0	44.637	3445.0

Sample Name: CCV03 Acquired: 5/28/2019 14:52:56 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0615	4.9668	4.8426	5.0498	4.9596	9.7856	9.9426	.24764
Stddev	.0139	.0144	.0088	.0167	.0071	.0345	.0666	.00047
%RSD	.27520	.29034	.18198	.33065	.14253	.35264	.66941	.19119
#1	5.0675	4.9832	4.8500	5.0673	4.9625	9.8147	9.9951	.24795
#2	5.0714	4.9612	4.8451	5.0481	4.9647	9.7474	9.8677	.24788
#3	5.0455	4.9561	4.8329	5.0340	4.9515	9.7946	9.9650	.24710
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4346	24.766	.99057	2.4248	1.2275	4.9507	2.4897	24.689
Stddev	.0069	.129	.00311	.0056	.0036	.0085	.0045	.188
%RSD	.28288	.51952	.31393	.23159	.29195	.17170	.18209	.76267
#1	2.4411	24.631	.99316	2.4312	1.2285	4.9461	2.4929	24.812
#2	2.4352	24.888	.99143	2.4221	1.2304	4.9605	2.4917	24.472
#3	2.4274	24.778	.98712	2.4209	1.2235	4.9456	2.4845	24.782
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4548	1.2535	24.602	2.4834	2.4205	25.004	5.0585	4.9786
Stddev	.0028	.0017	.072	.0021	.0049	.104	.0065	.0326
%RSD	.11407	.13641	.29165	.08606	.20387	.41680	.12878	.65403
#1	2.4578	1.2541	24.631	2.4852	2.4255	24.937	5.0626	4.9975
#2	2.4544	1.2548	24.520	2.4839	2.4204	24.952	5.0620	4.9410
#3	2.4523	1.2515	24.654	2.4810	2.4156	25.124	5.0510	4.9974
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0173	4.9536	4.9470	4.9854	4.9322	5.083	5.0182	F 3.0990
Stddev	.0114	.0508	.0111	.0342	.0344	.022	.0294	.0834
%RSD	.22796	1.0263	.22358	.68630	.69786	.4348	.58632	2.6928
#1	5.0207	4.9130	4.9594	4.9484	4.9128	5.108	4.9964	3.0707
#2	5.0046	5.0106	4.9382	5.0159	4.9720	5.068	5.0516	3.1929
#3	5.0267	4.9371	4.9434	4.9919	4.9119	5.072	5.0065	3.0334

Sample Name: CCV03 Acquired: 5/28/2019 14:52:56 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15024 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6450
Stddev	.9642
%RSD	36.452

#1	3.6662
#2	2.5184
#3	1.7504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.8	44233.	4052.4	41.207	3373.0
Stddev	9.1	148.	27.5	1.077	9.9
%RSD	.26542	.33410	.67908	2.6126	.29414

#1	3411.0	44065.	4060.4	41.396	3365.7
#2	3406.4	44344.	4021.8	40.049	3369.0
#3	3423.9	44289.	4075.1	42.177	3384.3

Sample Name: CCB03 Acquired: 5/28/2019 14:57:00 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00118	-.00113	.00060	.00057	-.00684	.00052	.00001
Stddev	.00193	.00047	.00053	.00033	.00137	.00762	.00051	.00003
%RSD	75.981	39.807	46.658	56.007	240.05	111.38	96.515	445.59
#1	.00250	.00141	-.00100	.00087	.00216	.00188	.00069	-.00001
#2	.00450	.00149	-.00068	.00070	-.00016	-.01221	.00093	.00004
#3	.00063	.00064	-.00172	.00022	-.00028	-.01020	-.00004	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00910	-.00013	-.00008	-.00050	-.00175	.00007	-.01056
Stddev	.00004	.00434	.00032	.00007	.00015	.00021	.00006	.01061
%RSD	75.737	47.742	252.83	83.585	29.590	11.729	99.001	100.50
#1	.00001	-.01339	.00024	-.00000	-.00059	-.00185	.00006	-.00790
#2	.00009	-.00919	-.00025	-.00011	-.00033	-.00189	.00000	-.02225
#3	.00007	-.00471	-.00038	-.00012	-.00057	-.00152	.00013	-.00153
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00023	.00021	.00028	-.00038	.04019	.00058	-.00616
Stddev	.00045	.00031	.00614	.00010	.00006	.02406	.00020	.00340
%RSD	662.29	133.54	2902.9	35.991	16.709	59.874	34.214	55.234
#1	.00051	.00023	-.00672	.00026	-.00035	.04088	.00081	-.00811
#2	-.00039	-.00008	.00238	.00019	-.00034	.06390	.00047	-.00223
#3	.00008	.00054	.00498	.00039	-.00045	.01579	.00046	-.00813
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	.00281	-.00027	.00197	.00050	.0027	.00025	F 2.0442
Stddev	.00045	.00175	.00021	.00172	.00094	.0006	.00004	.1465
%RSD	18.430	62.540	77.611	87.608	189.16	23.60	17.024	7.1656
#1	.00291	.00392	-.00030	.00122	.00084	.0021	.00027	2.1452
#2	.00201	.00371	-.00005	.00075	-.00057	.0027	.00029	1.8762
#3	.00242	.00078	-.00046	.00394	.00123	.0034	.00021	2.1112

Sample Name: CCB03 Acquired: 5/28/2019 14:57:00 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3634
Stddev .7292
%RSD 53.485

#1 2.2036
#2 .99008
#3 .89641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.5	46456.	4063.4	43.618	3798.8
Stddev	12.3	21.	24.9	.857	12.1
%RSD	.34354	.04544	.61260	1.9653	.31812

#1	3569.3	46437.	4039.3	43.082	3793.5
#2	3569.6	46452.	4061.8	44.607	3790.3
#3	3590.7	46479.	4089.0	43.166	3812.6

Sample Name: LR CHECK 1 Acquired: 5/28/2019 15:02:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8252 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09849	.02966	.03328	-.47083	.08463	1935.5	.01435	.07918
Stddev	.00224	.00624	.00432	.01022	.00143	10.5	.00013	.00031
%RSD	2.2782	21.020	12.982	2.1711	1.6892	.53994	.91725	.39617

#1	-.10091	.02788	.03824	-.47878	.08456	1932.0	.01441	.07903
#2	-.09807	.02451	.03038	-.47441	.08610	1947.3	.01444	.07954
#3	-.09649	.03660	.03121	-.45930	.08324	1927.3	.01420	.07896

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09456	1726.0	-.12047	.08685	.30568	954.81	-.02218	1650.9
Stddev	.00056	12.4	.00027	.00041	.00441	3.37	.00047	1.2
%RSD	.59085	.71931	.22076	.47462	1.4424	.35271	2.1297	.07073

#1	.09504	1712.3	-.12024	.08648	.30076	955.33	-.02273	1649.6
#2	.09471	1736.4	-.12041	.08729	.30699	957.90	-.02192	1651.9
#3	.09395	1729.3	-.12076	.08677	.30928	951.22	-.02189	1651.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08096	-.20149	1893.8	.01810	.16135	989.19	-.01924	-.08486
Stddev	.00083	.00129	26.3	.00122	.00066	4.40	.00172	.01717
%RSD	1.0312	.63794	1.3863	6.7439	.40685	.44512	8.9411	20.232

#1	.08192	-.20071	1915.1	.01707	.16167	987.12	-.02056	-.07009
#2	.08049	-.20079	1901.8	.01945	.16059	994.25	-.01987	-.08079
#3	.08046	-.20298	1864.5	.01777	.16178	986.20	-.01730	-.10369

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44731	.02449	.09160	-.07828	.08276	.1904	-1.0349	<.00000
Stddev	.01257	.00209	.00161	.00028	.00222	.0011	.0037	.03893
%RSD	2.8092	8.5403	1.7602	.35736	2.6819	.5845	.36153	4.8716

#1	.44441	.02650	.08981	-.07852	.08526	.1913	-1.0355	-.77411
#2	.43644	.02463	.09202	-.07798	.08202	.1908	-1.0382	-.84405
#3	.46107	.02233	.09295	-.07835	.08101	.1892	-1.0309	-.77943

Sample Name: LR CHECK 1 Acquired: 5/28/2019 15:02:46 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8252 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.1576
 %RSD 1.0018

#1 -217.86
 #2 -214.19
 #3 -214.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2338.7	30880.	3507.9	32.822	1810.8
Stddev	11.5	81.	14.5	.711	8.6
%RSD	.49087	.26294	.41426	2.1661	.47268

#1	2326.1	30946.	3493.3	32.459	1802.9
#2	2341.5	30789.	3507.8	33.641	1809.6
#3	2348.6	30904.	3522.4	32.365	1819.9

Sample Name: LR CHECK 2 Acquired: 5/28/2019 15:07:49 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8252 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00502	-.00215	232.55	.02979	-.02925	-.19587	94.210	-.00163
Stddev	.00233	.00124	1.64	.00303	.00235	.00472	1.198	.00007
%RSD	46.343	57.366	.70721	10.184	8.0299	2.4105	1.2719	4.4561

#1	-.00289	-.00097	233.38	.02649	-.03144	-.20063	92.849	-.00160
#2	-.00468	-.00344	233.61	.03246	-.02677	-.19119	94.677	-.00158
#3	-.00750	-.00205	230.65	.03042	-.02954	-.19580	95.104	-.00171

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00557	.33299	-.12890	.00383	259.00	-.70912	41.303	-.01912
Stddev	.00005	.00111	.00051	.00012	1.73	.00160	.226	.01550
%RSD	.89653	.33419	.39686	3.0603	.66973	.22612	.54764	81.070

#1	-.00560	.33377	-.12864	.00374	260.73	-.70744	41.240	-.00644
#2	-.00551	.33172	-.12949	.00378	257.26	-.70929	41.115	-.01452
#3	-.00560	.33349	-.12857	.00396	259.02	-.71063	41.554	-.03640

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.788	.00563	.82279	-.21101	33.244	1.0135	-.00340	-.01874
Stddev	.253	.00024	.01070	.00093	.246	.0381	.00006	.02331
%RSD	.50772	4.2277	1.3005	.44302	.74129	3.7626	1.8792	124.40

#1	50.011	.00589	.81360	-.21093	33.383	.98142	-.00345	-.02743
#2	49.839	.00543	.82022	-.21011	33.390	1.0556	-.00342	.00767
#3	49.513	.00556	.83454	-.21198	32.960	1.0034	-.00332	-.03645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05763	.00040	.00085	.00795	-.00349	.5796	.00260	3.1215
Stddev	.00202	.00219	.00030	.00196	.00035	.0081	.00008	.0639
%RSD	3.4977	550.90	35.530	24.602	9.8905	1.402	2.9027	2.0466

#1	.05996	.00288	.00097	.00577	-.00366	.5704	.00258	3.0494
#2	.05644	-.00127	.00108	.00853	-.00371	.5829	.00268	3.1442
#3	.05650	-.00042	.00051	.00954	-.00309	.5856	.00254	3.1709

Sample Name: LR CHECK 2 Acquired: 5/28/2019 15:07:49 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8252 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4209
 Stddev .3738
 %RSD 26.307

#1 1.6538
 #2 1.6192
 #3 .98975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.1	46483.	4104.9	42.731	3477.8
Stddev	11.9	136.	21.6	1.533	15.3
%RSD	.36621	.29182	.52631	3.5887	.43977

#1	3252.1	46565.	4099.3	43.757	3463.5
#2	3258.8	46559.	4086.7	40.968	3475.9
#3	3275.3	46327.	4128.8	43.468	3493.9

Sample Name: K3053-01 Acquired: 5/28/2019 15:12:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15773	.01306	.07169	-.02814	.01336	96.978	.27151
Stddev	.00124	.00132	.00097	.00343	.00143	.372	.00054
%RSD	.78647	10.099	1.3588	12.206	10.711	.38344	.19923

#1	.15641	.01458	.07280	-.02422	.01500	96.633	.27129
#2	.15790	.01230	.07133	-.02956	.01274	97.372	.27213
#3	.15887	.01230	.07095	-.03063	.01234	96.930	.27111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02947	-.00320	14.373	.39952	.08433	.14162	367.48
Stddev	.00030	.00015	.061	.00047	.00054	.00056	.50
%RSD	1.0340	4.5443	.42501	.11867	.63889	.39401	.13606

#1	.02975	-.00334	14.302	.39898	.08371	.14227	367.64
#2	.02914	-.00305	14.408	.39974	.08460	.14127	366.91
#3	.02951	-.00320	14.407	.39984	.08467	.14134	367.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8220	17.533	.12784	-.02509	.74564	.74940	.48878
Stddev	.0024	.120	.00033	.00019	.01670	.00241	.00067
%RSD	.13437	.68719	.25487	.77181	2.2401	.32109	.13802

#1	1.8195	17.395	.12759	-.02486	.72640	.75030	.48956
#2	1.8223	17.595	.12774	-.02521	.75411	.74667	.48839
#3	1.8244	17.611	.12821	-.02518	.75642	.75123	.48839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.676	.00311	.25902	2.0377	2.4326	.01276	1.1736
Stddev	.026	.00018	.02403	.0010	.0243	.00099	.0073
%RSD	.16604	5.8657	9.2770	.05053	.99785	7.7356	.62488

#1	15.654	.00298	.26465	2.0385	2.4059	.01239	1.1673
#2	15.669	.00303	.23268	2.0366	2.4384	.01388	1.1719
#3	15.705	.00332	.27974	2.0382	2.4534	.01201	1.1817

Sample Name: K3053-01 Acquired: 5/28/2019 15:12:22 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08067	5.949	-.27110	<.00000	F<.00000
Stddev	.00061	.005	.00083	.07911	1.2845
%RSD	.76011	.0863	.30714	7.1923	2.2929
#1	.07997	5.952	-.27200	-1.1462	-54.810
#2	.08108	5.943	-.27035	-1.1451	-55.886
#3	.08097	5.952	-.27095	-1.0086	-57.368
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.2	50272.	4653.7	42.727	3364.8
Stddev	9.0	32.	9.2	.910	7.5
%RSD	.23131	.06424	.19771	2.1287	.22244
#1	3862.2	50238.	4650.8	42.331	3356.3
#2	3875.2	50302.	4663.9	43.767	3370.5
#3	3879.3	50275.	4646.2	42.082	3367.6

Sample Name: K3053-01DUP Acquired: 5/28/2019 15:16:48 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15977	.01077	.06575	-.02941	.01400	97.197	.26959
Stddev	.00039	.00171	.00039	.00065	.00056	.203	.00154
%RSD	.24342	15.894	.58594	2.1946	4.0047	.20846	.57264

#1	.15972	.00886	.06586	-.02929	.01353	97.062	.27048
#2	.16018	.01131	.06532	-.02883	.01462	97.430	.27049
#3	.15941	.01215	.06606	-.03010	.01384	97.099	.26781

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02879	-.00311	14.296	.39605	.08517	.13699	366.36
Stddev	.00011	.00060	.034	.00064	.00033	.00086	1.72
%RSD	.38971	19.192	.23603	.16165	.38554	.62965	.46970

#1	.02883	-.00373	14.263	.39531	.08518	.13790	368.27
#2	.02866	-.00307	14.330	.39650	.08549	.13688	365.88
#3	.02887	-.00254	14.296	.39633	.08483	.13619	364.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8279	17.638	.12641	-.02452	.53416	.74883	.49012
Stddev	.0028	.058	.00032	.00069	.00471	.00304	.00079
%RSD	.15552	.33155	.25681	2.8292	.88252	.40587	.16143

#1	1.8246	17.617	.12669	-.02446	.53547	.75226	.48963
#2	1.8300	17.705	.12606	-.02385	.53808	.74774	.48969
#3	1.8289	17.594	.12649	-.02524	.52893	.74648	.49103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.722	.00337	.27454	2.0207	2.3777	.01296	1.1777
Stddev	.028	.00008	.01955	.0079	.0131	.00043	.0023
%RSD	.17556	2.3905	7.1211	.39008	.54987	3.3371	.19705

#1	15.717	.00340	.29534	2.0295	2.3869	.01333	1.1756
#2	15.752	.00343	.27171	2.0181	2.3835	.01305	1.1802
#3	15.697	.00328	.25655	2.0144	2.3627	.01248	1.1773

Sample Name: K3053-01DUP Acquired: 5/28/2019 15:16:48 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08123	5.974	-.27003	<.00000	F<.00000
Stddev	.00156	.005	.00213	.19619	1.6437
%RSD	1.9252	.0845	.78997	27.909	3.0000

#1	.08228	5.968	-.27240	-.84232	-53.821
#2	.08197	5.975	-.26945	-.47860	-56.688
#3	.07943	5.978	-.26826	-.78792	-53.863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3858.4	50247.	4676.4	42.476	3350.2
Stddev	16.3	114.	13.8	.396	10.1
%RSD	.42153	.22684	.29461	.93177	.30108

#1	3843.6	50116.	4663.7	42.750	3340.0
#2	3875.8	50299.	4674.4	42.657	3360.1
#3	3855.8	50325.	4691.0	42.023	3350.4

Sample Name: K3053-01LX5 Acquired: 5/28/2019 15:21:13 Type: Unk
Method: P4-ICP2(v3152) 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	.03910	.00578	.00965	.00471	.00306	21.358	.06062
Stddev	.00178	.00162	.00028	.00232	.00042	.248	.00068
%RSD	4.5568	28.088	2.8531	49.302	13.788	1.1612	1.1209

#1	.03706	.00746	.00963	.00228	.00320	21.072	.05984
#2	.03993	.00565	.00993	.00494	.00259	21.501	.06101
#3	.04032	.00422	.00938	.00691	.00340	21.502	.06102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	-.00494	3.2286	.08760	.01710	.02523	109.57
Stddev	.00008	.00021	.0226	.00067	.00015	.00036	1.63
%RSD	1.4940	4.2879	.70081	.76555	.85803	1.4440	1.4913

#1	.00537	-.00472	3.2077	.08686	.01727	.02548	107.72
#2	.00547	-.00498	3.2526	.08778	.01702	.02481	110.20
#3	.00531	-.00513	3.2256	.08816	.01702	.02539	110.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41747	3.9821	.02421	-.00156	.25553	.16827	.08980
Stddev	.00175	.0288	.00032	.00033	.01270	.00040	.00049
%RSD	.42005	.72321	1.3104	21.214	4.9695	.23517	.54522

#1	.41549	4.0126	.02429	-.00192	.24179	.16814	.09034
#2	.41806	3.9783	.02447	-.00150	.25798	.16871	.08966
#3	.41884	3.9554	.02385	-.00126	.26684	.16795	.08939

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5542	.00059	.06680	.41886	.56263	.00076	.26587
Stddev	.0254	.00004	.00544	.00520	.01273	.00035	.00297
%RSD	.71413	7.2611	8.1433	1.2420	2.2633	45.592	1.1152

#1	3.5310	.00054	.07247	.42373	.57731	.00113	.26253
#2	3.5502	.00060	.06163	.41947	.55458	.00044	.26818
#3	3.5813	.00062	.06631	.41338	.55601	.00071	.26691

Sample Name: K3053-01LX5 Acquired: 5/28/2019 15:21:13 Type: Unk
Method: P4-ICP2(v3152) 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	.01809	1.192	-.09020	2.1605	F<.00000
Stddev	.00041	.003	.00185	.1452	.75839
%RSD	2.2920	.2647	2.0556	6.7212	19.586

#1	.01836	1.193	-.08810	2.3203	-3.4128
#2	.01831	1.195	-.09088	2.1245	-3.4560
#3	.01762	1.189	-.09161	2.0367	-4.7475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.8	47676.	4314.7	42.632	3658.0
Stddev	6.9	243.	5.2	.365	9.7
%RSD	.18751	.51003	.11960	.85537	.26637

#1	3673.7	47955.	4309.6	42.923	3658.3
#2	3676.1	47509.	4314.5	42.750	3648.1
#3	3686.6	47565.	4319.9	42.223	3667.6

Sample Name: K3053-01MS Acquired: 5/28/2019 15:25:41 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83779	1.9599	1.0399	1.6919	.22332	112.71	.45768
Stddev	.00359	.0026	.0003	.0015	.00062	.25	.00017
%RSD	.42909	.13093	.02631	.09155	.27845	.21804	.03617

#1	.84172	1.9608	1.0402	1.6907	.22265	112.77	.45764
#2	.83700	1.9570	1.0396	1.6937	.22345	112.45	.45754
#3	.83466	1.9618	1.0398	1.6914	.22387	112.93	.45786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20271	.18960	44.781	.71184	.27514	.37568	307.17
Stddev	.00047	.00008	.089	.00056	.00032	.00088	.50
%RSD	.23045	.03995	.19878	.07888	.11713	.23533	.16405

#1	.20319	.18966	44.679	.71246	.27550	.37600	306.90
#2	.20226	.18962	44.832	.71166	.27505	.37635	306.86
#3	.20268	.18952	44.834	.71138	.27487	.37468	307.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8304	28.465	.61135	.05145	3.2693	.93072	.65630
Stddev	.0038	.197	.00035	.00033	.0073	.00210	.00019
%RSD	.20985	.69166	.05679	.63284	.22423	.22583	.02871

#1	1.8346	28.238	.61135	.05113	3.2612	.93125	.65610
#2	1.8294	28.570	.61101	.05144	3.2753	.93250	.65647
#3	1.8271	28.587	.61170	.05178	3.2716	.92840	.65635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.478	.33124	.49673	1.4617	2.9050	.66534	1.4011
Stddev	.068	.00077	.01844	.0009	.0326	.00125	.0045
%RSD	.24714	.23380	3.7128	.06099	1.1240	.18802	.31761

#1	27.409	.33091	.51126	1.4610	2.9285	.66504	1.3963
#2	27.478	.33213	.47598	1.4627	2.9188	.66427	1.4051
#3	27.545	.33069	.50295	1.4614	2.8677	.66671	1.4020

Sample Name: K3053-01MS Acquired: 5/28/2019 15:25:41 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28447	F 10.72	-.00824	<.00000	F<.00000
Stddev	.00084	.02	.00034	.02673	1.3732
%RSD	.29669	.1407	4.1675	13.737	3.3467
#1	.28511	10.74	-.00805	-.19470	-42.180
#2	.28352	10.72	-.00864	-.16775	-39.511
#3	.28479	10.71	-.00803	-.22120	-41.407
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.2	49325.	4551.9	43.067	3328.3
Stddev	11.7	80.	10.1	.622	8.6
%RSD	.30825	.16145	.22135	1.4431	.25969
#1	3794.8	49269.	4544.3	43.005	3324.0
#2	3790.4	49289.	4548.1	42.479	3322.6
#3	3812.5	49416.	4563.3	43.717	3338.2

Sample Name: K3053-01MSD Acquired: 5/28/2019 15:30:00 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83327	1.9588	1.0401	1.6854	.22353	112.40	.45718
Stddev	.00157	.0054	.0007	.0059	.00055	.45	.00248
%RSD	.18806	.27439	.07085	.34961	.24586	.39849	.54306

#1	.83419	1.9646	1.0400	1.6792	.22346	112.57	.45633
#2	.83417	1.9577	1.0394	1.6910	.22412	111.90	.45524
#3	.83146	1.9540	1.0409	1.6860	.22302	112.74	.45998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20278	.18997	46.645	.71268	.27664	.37535	307.67
Stddev	.00024	.00045	.498	.00237	.00053	.00091	1.05
%RSD	.11592	.23892	1.0680	.33202	.19120	.24354	.34191

#1	.20292	.19004	46.173	.71500	.27725	.37437	308.74
#2	.20291	.19039	47.166	.71027	.27637	.37550	306.64
#3	.20251	.18949	46.595	.71276	.27630	.37617	307.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8366	29.087	.60975	.05086	3.2427	.93298	.65941
Stddev	.0015	.337	.00077	.00025	.0258	.00085	.00085
%RSD	.08042	1.1589	.12654	.48635	.79584	.09108	.12940

#1	1.8363	29.087	.60984	.05058	3.2395	.93231	.66038
#2	1.8381	28.750	.61047	.05104	3.2186	.93393	.65878
#3	1.8352	29.424	.60893	.05096	3.2699	.93268	.65908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.473	.33091	.49714	1.4614	2.8639	.66360	1.4015
Stddev	.089	.00096	.01295	.0086	.0542	.00175	.0053
%RSD	.32536	.28978	2.6049	.58600	1.8916	.26410	.37923

#1	27.410	.33199	.48423	1.4666	2.8439	.66355	1.3961
#2	27.433	.33015	.51013	1.4515	2.9252	.66538	1.4067
#3	27.575	.33060	.49706	1.4662	2.8225	.66188	1.4017

Sample Name: K3053-01MSD Acquired: 5/28/2019 15:30:00 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28454	F 10.69	-.00709	<.00000	F<.00000
Stddev	.00077	.01	.00354	.08817	.38311
%RSD	.26945	.0749	49.952	27.951	.93249
#1	.28528	10.69	-.00987	-.35828	-40.643
#2	.28461	10.68	-.00310	-.21403	-41.298
#3	.28375	10.69	-.00829	-.37399	-41.315
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.9	49273.	4542.2	40.363	3315.7
Stddev	5.5	142.	37.4	2.026	2.5
%RSD	.14436	.28816	.82256	5.0197	.07508
#1	3781.5	49133.	4564.3	38.428	3313.0
#2	3782.0	49417.	4499.1	42.470	3316.1
#3	3791.2	49269.	4563.4	40.192	3317.9

Sample Name: K3053-01A Acquired: 5/28/2019 15:34:20 Type: Unk
 Method: P4-ICP2(v3152) 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	.83206	1.9548	1.0364	1.6897	.22107	112.43	.45730
Stddev	.00268	.0036	.0017	.0091	.00120	.46	.00276
%RSD	.32153	.18518	.16068	.53973	.54486	.40538	.60410

#1	.83304	1.9573	1.0346	1.6900	.22026	111.91	.45411
#2	.82903	1.9506	1.0365	1.6987	.22246	112.61	.45908
#3	.83410	1.9563	1.0380	1.6805	.22050	112.77	.45870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20215	.18986	44.035	.71081	.27525	.37688	307.45
Stddev	.00003	.00091	.311	.00148	.00035	.00166	1.42
%RSD	.01398	.47971	.70730	.20807	.12833	.43929	.46292

#1	.20214	.18907	43.973	.70967	.27525	.37504	309.08
#2	.20213	.18965	43.760	.71248	.27490	.37824	306.85
#3	.20219	.19086	44.373	.71029	.27561	.37736	306.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8214	28.338	.61228	.05107	3.2330	.92851	.65441
Stddev	.0013	.272	.00261	.00076	.0360	.00207	.00128
%RSD	.06883	.96045	.42665	1.4922	1.1120	.22288	.19560

#1	1.8202	28.025	.61051	.05194	3.1947	.92930	.65327
#2	1.8227	28.472	.61105	.05079	3.2660	.93008	.65417
#3	1.8214	28.518	.61528	.05049	3.2385	.92617	.65579

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.412	.33206	.49913	1.4557	2.8563	.66566	1.3975
Stddev	.079	.00178	.01435	.0048	.0089	.00118	.0040
%RSD	.28828	.53703	2.8755	.33163	.31271	.17668	.28490

#1	27.344	.33003	.49918	1.4584	2.8597	.66507	1.3943
#2	27.499	.33338	.51346	1.4501	2.8462	.66490	1.4020
#3	27.394	.33277	.48475	1.4586	2.8631	.66702	1.3962

Sample Name: K3053-01A Acquired: 5/28/2019 15:34:20 Type: Unk
 Method: P4-ICP2(v3152) 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	.28619	F 10.71	-.01035	<.00000	F<.00000
Stddev	.00291	.02	.00266	.07950	1.0139
%RSD	1.0168	.1644	25.681	23.099	2.4490
#1	.28543	10.73	-.01206	-.34252	-40.449
#2	.28374	10.69	-.01170	-.42447	-41.289
#3	.28941	10.71	-.00729	-.26550	-42.467
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.1	49319.	4543.1	41.196	3324.1
Stddev	11.1	183.	23.4	1.726	7.2
%RSD	.29300	.37057	.51586	4.1893	.21563
#1	3805.1	49240.	4519.3	42.707	3332.3
#2	3783.2	49188.	4566.2	41.567	3320.6
#3	3790.9	49528.	4543.8	39.315	3319.4

Sample Name: PB120103BL Acquired: 5/28/2019 15:38:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120103BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00093	.00113	-.00085	.00212	-.00283	.00078	.00003
Stddev	.00095	.00063	.00100	.00166	.00187	.01270	.00036	.00006
%RSD	103.89	67.835	88.020	194.58	88.323	448.21	46.183	224.98
#1	.00067	.00164	.00034	-.00186	.00428	.00994	.00119	.00004
#2	.00195	.00075	.00225	.00106	.00103	-.00300	.00065	.00008
#3	.00011	.00041	.00081	-.00176	.00105	-.01544	.00051	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00970	.00015	.00003	-.00038	.01012	.00004	-.02255
Stddev	.00004	.00715	.00020	.00004	.00030	.00130	.00000	.01033
%RSD	115.15	73.741	140.20	118.05	78.848	12.855	13.042	45.816
#1	.00001	-.00624	-.00007	.00007	-.00038	.01112	.00003	-.01806
#2	.00008	-.00494	.00018	.00003	-.00069	.01059	.00004	-.01523
#3	.00002	-.01793	.00033	-.00001	-.00008	.00865	.00004	-.03437
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00026	.05223	-.00009	.00024	.06884	-.00011	-.01259
Stddev	.00004	.00011	.01461	.00018	.00006	.02471	.00031	.01019
%RSD	41.005	42.584	27.970	203.20	22.916	35.894	285.63	80.970
#1	.00006	.00031	.03700	-.00021	.00025	.04239	.00022	-.02433
#2	.00011	.00034	.05356	.00012	.00029	.07280	-.00039	-.00740
#3	.00014	.00013	.06613	-.00017	.00018	.09132	-.00015	-.00603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	-.00111	-.00202	-.00005	.00025	.0012	.00015	F 2.4084
Stddev	.00172	.00153	.00059	.00170	.00083	.0004	.00002	.1832
%RSD	63.568	137.58	29.201	3311.4	334.67	30.02	13.141	7.6059
#1	.00076	-.00211	-.00171	-.00148	-.00034	.0014	.00015	2.6157
#2	.00402	.00065	-.00164	.00182	-.00011	.0013	.00014	2.2684
#3	.00332	-.00188	-.00269	-.00049	.00120	.0008	.00017	2.3411

Sample Name: PB120103BL Acquired: 5/28/2019 15:38:39 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120103BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0769
Stddev	.2436
%RSD	11.727

#1	2.3326
#2	2.0504
#3	1.8477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.4	47123.	4104.0	41.852	3853.7
Stddev	4.9	182.	29.5	.376	7.2
%RSD	.13392	.38670	.71813	.89802	.18577

#1	3619.1	47334.	4094.4	42.048	3846.7
#2	3625.5	47018.	4080.6	42.089	3853.4
#3	3628.6	47019.	4137.1	41.418	3861.0

Sample Name: CCV04 Acquired: 5/28/2019 15:47:14 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0501	4.9603	4.8246	5.0340	4.9316	9.6522	9.8599	.24633
Stddev	.0092	.0087	.0079	.0086	.0060	.0398	.0734	.00067
%RSD	.18313	.17613	.16385	.17042	.12147	.41179	.74450	.27145
#1	5.0399	4.9693	4.8306	5.0246	4.9323	9.6204	9.7911	.24631
#2	5.0579	4.9598	4.8277	5.0360	4.9253	9.6967	9.8514	.24567
#3	5.0526	4.9519	4.8157	5.0414	4.9372	9.6393	9.9372	.24700
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4276	24.883	.98497	2.4201	1.2195	4.9273	2.4702	24.431
Stddev	.0014	.063	.00235	.0022	.0024	.0111	.0015	.056
%RSD	.05761	.25145	.23897	.09174	.19603	.22449	.06048	.22914
#1	2.4287	24.812	.98555	2.4226	1.2179	4.9390	2.4709	24.475
#2	2.4260	24.911	.98237	2.4193	1.2183	4.9171	2.4685	24.450
#3	2.4280	24.928	.98697	2.4184	1.2222	4.9257	2.4712	24.368
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4495	1.2531	24.248	2.4782	2.4075	24.787	5.0513	4.8762
Stddev	.0023	.0022	.124	.0025	.0010	.154	.0086	.0390
%RSD	.09246	.17347	.51255	.09960	.04352	.62094	.17001	.79972
#1	2.4517	1.2549	24.343	2.4754	2.4084	24.898	5.0445	4.8313
#2	2.4472	1.2507	24.108	2.4789	2.4063	24.611	5.0485	4.9014
#3	2.4496	1.2539	24.294	2.4802	2.4076	24.851	5.0610	4.8959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0214	4.9770	4.9489	5.0012	4.9264	5.097	5.0151	F 3.1583
Stddev	.0159	.0387	.0044	.0149	.0198	.002	.0282	.0725
%RSD	.31718	.77689	.08871	.29742	.40149	.0361	.56138	2.2939
#1	5.0121	5.0042	4.9469	4.9912	4.9254	5.098	5.0297	3.1357
#2	5.0398	4.9328	4.9540	4.9941	4.9072	5.094	4.9826	3.0998
#3	5.0123	4.9941	4.9459	5.0183	4.9467	5.098	5.0329	3.2393

Sample Name: CCV04 Acquired: 5/28/2019 15:47:14 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15026 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4476
Stddev	1.0392
%RSD	42.457

#1	2.0335
#2	1.6793
#3	3.6300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.1	44829.	4053.4	40.730	3411.2
Stddev	.9	140.	21.5	1.305	2.4
%RSD	.02710	.31151	.52990	3.2028	.06938

#1	3460.2	44684.	4035.3	41.794	3409.2
#2	3459.0	44963.	4077.1	41.121	3410.6
#3	3458.3	44841.	4047.8	39.274	3413.8

Sample Name: CCB04 Acquired: 5/28/2019 15:51:21 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00107	.00047	.00264	.00128	-.00123	.00087	-.00001
Stddev	.00090	.00035	.00073	.00038	.00058	.00308	.00054	.00002
%RSD	71.592	32.723	155.18	14.249	44.913	250.47	61.591	307.54
#1	-.00229	.00134	.00050	.00251	.00123	.00172	.00132	-.00001
#2	-.00062	.00067	-.00027	.00235	.00188	-.00098	.00103	.00001
#3	-.00086	.00119	.00119	.00306	.00073	-.00442	.00028	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01596	.00012	-.00012	-.00050	-.00171	.00008	-.02024
Stddev	.00006	.00814	.00027	.00019	.00015	.00063	.00007	.05669
%RSD	64.105	51.045	221.39	160.86	29.785	37.100	84.377	280.11
#1	.00015	-.02470	.00005	.00003	-.00066	-.00098	.00009	-.06596
#2	.00010	-.01458	.00043	-.00005	-.00043	-.00208	.00015	-.03794
#3	.00003	-.00859	-.00010	-.00033	-.00039	-.00207	.00001	.04319
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00026	.01601	-.00037	-.00030	.05738	.00092	-.01686
Stddev	.00025	.00027	.00453	.00029	.00002	.02639	.00026	.02403
%RSD	152.46	101.43	28.301	76.801	6.0337	45.981	27.783	142.50
#1	.00032	.00009	.01333	-.00008	-.00028	.02693	.00121	-.01930
#2	-.00012	.00013	.01345	-.00065	-.00029	.07348	.00074	.00829
#3	.00029	.00057	.02124	-.00039	-.00032	.07175	.00080	-.03958
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	-.00089	-.00101	.00156	.00073	.0034	.00037	F 2.2399
Stddev	.00181	.00092	.00059	.00168	.00332	.0004	.00008	.1207
%RSD	45.341	104.00	58.855	107.93	451.92	12.67	21.445	5.3884
#1	.00469	-.00002	-.00036	.00046	-.00272	.0029	.00045	2.2702
#2	.00532	-.00078	-.00153	.00350	.00103	.0035	.00039	2.1069
#3	.00193	-.00186	-.00114	.00072	.00390	.0037	.00029	2.3425

Sample Name: CCB04 Acquired: 5/28/2019 15:51:21 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15026 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7064
Stddev	.8427
%RSD	49.381

#1	1.9160
#2	2.4245
#3	.77875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.0	47072.	4093.8	43.733	3842.3
Stddev	16.1	100.	3.8	.522	15.3
%RSD	.44496	.21223	.09166	1.1943	.39718

#1	3620.8	46984.	4096.0	43.264	3833.5
#2	3641.5	47181.	4089.4	44.295	3859.9
#3	3609.8	47050.	4095.8	43.639	3833.4

Sample Name: PB120104BL Acquired: 5/28/2019 15:55:50 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120104BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00306	-.00021	-.00092	-.00012	.00130	-.01138	.00058	-.00004
Stddev	.00173	.00055	.00083	.00157	.00114	.00930	.00007	.00001
%RSD	56.641	263.87	89.789	1362.6	87.470	81.713	11.438	23.357

#1	.00345	.00037	-.00005	-.00189	.00070	-.00762	.00056	-.00005
#2	.00457	-.00073	-.00103	.00042	.00058	-.02197	.00065	-.00004
#3	.00116	-.00026	-.00169	.00112	.00261	-.00455	.00052	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00805	.00005	.00003	-.00040	-.00293	.00005	-.05483
Stddev	.00004	.00732	.00024	.00014	.00027	.00051	.00002	.04421
%RSD	459.00	90.862	495.43	478.22	68.888	17.441	32.640	80.635

#1	.00004	-.01310	.00029	.00007	-.00008	-.00352	.00004	-.01215
#2	-.00003	.00034	-.00019	-.00013	-.00053	-.00269	.00007	-.05191
#3	-.00004	-.01140	.00004	.00015	-.00058	-.00259	.00004	-.10043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00008	.00789	-.00004	-.00031	.05545	.00007	-.02525
Stddev	.00021	.00007	.00707	.00006	.00001	.02111	.00004	.02375
%RSD	48.121	82.257	89.611	175.47	3.8488	38.077	67.418	94.090

#1	.00029	.00016	.00520	-.00011	-.00032	.03862	.00002	-.04512
#2	.00066	.00004	.00256	-.00001	-.00032	.04860	.00011	-.03168
#3	.00033	.00005	.01591	.00001	-.00030	.07914	.00007	.00106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00255	-.00133	.00107	-.00097	.0025	.00007	F 2.2392
Stddev	.00311	.00243	.00036	.00096	.00076	.0017	.00007	.0987
%RSD	646.46	95.151	27.139	89.603	77.725	68.02	96.001	4.4070

#1	.00310	-.00107	-.00123	.00218	-.00171	.0008	.00014	2.3198
#2	-.00252	-.00123	-.00103	.00051	-.00020	.0024	-.00000	2.2687
#3	-.00202	-.00535	-.00173	.00053	-.00100	.0042	.00008	2.1292

Sample Name: PB120104BL Acquired: 5/28/2019 15:55:50 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120104BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.7989
 Stddev .6038
 %RSD 33.566

#1 2.4955
 #2 1.4759
 #3 1.4252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.8	47319.	4125.4	43.755	3857.7
Stddev	14.7	199.	23.1	.991	11.6
%RSD	.40450	.42074	.56007	2.2647	.30160

#1	3619.2	47140.	4109.7	44.234	3844.7
#2	3628.3	47533.	4114.6	44.416	3861.3
#3	3648.0	47283.	4151.9	42.616	3867.1

Sample Name: PB120104BS Acquired: 5/28/2019 16:00:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120104BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73244	1.8546	.89309	1.8331	.72009	1.7835	.19521
Stddev	.00172	.0030	.00084	.0046	.00125	.0167	.00173
%RSD	.23466	.16295	.09443	.25362	.17326	.93880	.88605

#1	.73049	1.8528	.89319	1.8347	.71936	1.7651	.19345
#2	.73371	1.8581	.89388	1.8368	.71937	1.7877	.19526
#3	.73312	1.8529	.89220	1.8279	.72153	1.7978	.19691

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17840	.17608	1.0053	.39217	.18457	.27725	2.9342
Stddev	.00008	.00063	.0099	.00108	.00021	.00025	.0100
%RSD	.04762	.35877	.98204	.27446	.11223	.08869	.34107

#1	.17838	.17656	.99772	.39108	.18433	.27745	2.9232
#2	.17833	.17536	1.0165	.39219	.18470	.27698	2.9366
#3	.17850	.17632	1.0018	.39323	.18468	.27732	2.9428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19652	1.8597	.46559	.06891	2.8824	.29750	.17345
Stddev	.00077	.0421	.00046	.00026	.0243	.00100	.00004
%RSD	.39009	2.2615	.09785	.37176	.84183	.33456	.02507

#1	.19619	1.8739	.46588	.06883	2.8639	.29639	.17350
#2	.19597	1.8928	.46506	.06870	2.8733	.29778	.17344
#3	.19739	1.8124	.46582	.06919	2.9099	.29831	.17342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6956	.39849	.25634	F -.00380	.86212	.63630	.19734
Stddev	.0904	.00060	.02869	.00207	.00383	.00021	.00215
%RSD	.93242	.14975	11.193	54.435	.44392	.03341	1.0901

#1	9.6397	.39866	.23689	-.00433	.86648	.63610	.19487
#2	9.6472	.39783	.24284	-.00554	.86057	.63652	.19884
#3	9.7999	.39899	.28929	-.00152	.85931	.63629	.19830

Sample Name: PB120104BS Acquired: 5/28/2019 16:00:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120104BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19845	5.185	.19369	F 2.3842	F<.00000
Stddev	.00105	.003	.00122	.0720	.18449
%RSD	.52769	.0483	.63119	3.0188	36.486
#1	.19846	5.182	.19470	2.4634	-.48746
#2	.19950	5.187	.19233	2.3229	-.69856
#3	.19740	5.186	.19405	2.3663	-.33093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.6	48169.	4210.8	43.712	3842.4
Stddev	9.8	76.	36.6	1.101	7.0
%RSD	.26740	.15838	.86877	2.5191	.18311
#1	3640.4	48087.	4172.7	42.441	3835.8
#2	3651.4	48239.	4214.1	44.332	3841.7
#3	3659.9	48181.	4245.6	44.364	3849.8

Sample Name: PB120117BL Acquired: 5/28/2019 16:04:27 Type: Unk
Method: P4-ICP2(v3152) 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	.00086	.00100	-.00020	-.00109	.00080	-.00869	.00072	.00004
Stddev	.00213	.00128	.00060	.00114	.00088	.00437	.00074	.00011
%RSD	246.91	128.12	307.87	104.18	110.35	50.323	103.14	274.22
#1	-.00093	.00053	.00029	-.00137	.00146	-.01268	.00000	.00009
#2	.00030	.00002	-.00000	-.00206	-.00020	-.00402	.00067	-.00008
#3	.00323	.00244	-.00087	.00016	.00113	-.00938	.00148	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00012	-.00014	-.00002	-.00039	-.00257	.00003	-.04330
Stddev	.00003	.00794	.00039	.00021	.00007	.00042	.00004	.02069
%RSD	266.98	6417.5	278.59	1260.8	19.171	16.156	147.27	47.787
#1	.00000	-.00124	.00027	-.00021	-.00046	-.00305	.00007	-.05873
#2	.00004	.00866	-.00020	-.00004	-.00031	-.00228	-.00001	-.05137
#3	-.00001	-.00705	-.00049	.00021	-.00039	-.00238	.00003	-.01979
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00013	-.01242	.00005	-.00021	.01206	-.00011	-.02608
Stddev	.00006	.00015	.00192	.00026	.00004	.00553	.00011	.00361
%RSD	12.527	114.03	15.441	572.51	17.212	45.826	97.877	13.838
#1	.00041	-.00026	-.01452	.00033	-.00018	.01560	-.00000	-.02997
#2	.00051	.00004	-.01077	-.00002	-.00019	.00569	-.00022	-.02285
#3	.00041	-.00018	-.01197	-.00018	-.00025	.01489	-.00011	-.02540
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00373	-.00210	.00129	-.00045	.0024	.00007	F 2.3415
Stddev	.00036	.00144	.00033	.00133	.00161	.0010	.00005	.1179
%RSD	92.154	38.690	15.501	103.32	362.61	41.00	77.090	5.0339
#1	-.00024	-.00532	-.00179	.00103	-.00215	.0019	.00001	2.2065
#2	-.00080	-.00337	-.00206	.00272	.00106	.0035	.00010	2.3939
#3	-.00013	-.00250	-.00244	.00010	-.00025	.0017	.00008	2.4241

Sample Name: PB120117BL Acquired: 5/28/2019 16:04:27 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3760
Stddev .2932
%RSD 21.306

#1 1.0490
#2 1.4636
#3 1.6153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.1	47786.	4137.4	44.024	3864.1
Stddev	10.2	30.	23.7	2.300	5.1
%RSD	.27870	.06225	.57269	5.2239	.13118

#1	3658.8	47762.	4157.3	41.373	3869.9
#2	3642.3	47777.	4111.2	45.477	3861.0
#3	3640.3	47819.	4143.8	45.223	3861.3

Sample Name: PB120117BS Acquired: 5/28/2019 16:08:55 Type: Unk
Method: P4-ICP2(v3152) 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	.77551	1.9943	.95122	2.0045	.75875	1.8631	.20007
Stddev	.00125	.0039	.00201	.0053	.00351	.0065	.00132
%RSD	.16138	.19335	.21181	.26341	.46199	.34686	.66049
#1	.77638	1.9980	.95348	2.0081	.76193	1.8649	.20159
#2	.77408	1.9946	.94960	2.0069	.75934	1.8560	.19920
#3	.77608	1.9903	.95059	1.9984	.75499	1.8685	.19943
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19671	.18928	1.0387	.40465	.19294	.29472	3.0732
Stddev	.00062	.00006	.0067	.00091	.00040	.00058	.0075
%RSD	.31542	.03433	.64326	.22380	.20890	.19640	.24375
#1	.19695	.18931	1.0380	.40427	.19340	.29478	3.0676
#2	.19601	.18921	1.0324	.40399	.19266	.29526	3.0702
#3	.19718	.18933	1.0457	.40568	.19275	.29411	3.0817
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20499	1.9505	.48975	.07485	2.9821	.30343	.18670
Stddev	.00086	.0713	.00152	.00050	.0188	.00161	.00020
%RSD	.41948	3.6575	.30967	.66282	.63133	.53064	.10657
#1	.20489	2.0295	.49145	.07521	2.9785	.30405	.18687
#2	.20419	1.9313	.48924	.07429	2.9654	.30160	.18675
#3	.20590	1.8908	.48854	.07506	3.0025	.30463	.18648
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.017	.40473	.28060	F -.00241	.92342	.67956	.20550
Stddev	.043	.00112	.01900	.00388	.00361	.00062	.00073
%RSD	.42533	.27664	6.7730	161.15	.39101	.09108	.35757
#1	9.9826	.40602	.27634	-.00663	.91949	.67996	.20566
#2	10.003	.40415	.30137	-.00159	.92658	.67885	.20615
#3	10.065	.40402	.26408	.00100	.92418	.67988	.20470

Sample Name: PB120117BS Acquired: 5/28/2019 16:08:55 Type: Unk
 Method: P4-ICP2(v3152) 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	.20588	5.620	.20026	F 2.5942	F .32082
Stddev	.00269	.013	.00043	.0374	.58357
%RSD	1.3067	.2339	.21267	1.4424	181.90
#1	.20451	5.620	.19982	2.5687	.46841
#2	.20414	5.632	.20028	2.6372	-.32237
#3	.20897	5.606	.20067	2.5768	.81643
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.5	46942.	4088.7	41.975	3769.4
Stddev	5.6	200.	19.5	1.833	5.6
%RSD	.15521	.42517	.47614	4.3659	.14824
#1	3609.5	46972.	4108.3	41.377	3771.4
#2	3609.0	47124.	4088.4	44.032	3763.1
#3	3618.9	46728.	4069.4	40.516	3773.7

Sample Name: PB120117TB Acquired: 5/28/2019 16:13:01 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00189	-.00017	.00514	.00088	-.00624	.00114	-.00008
Stddev	.00173	.00081	.00052	.00090	.00158	.00559	.00016	.00002
%RSD	735.68	43.021	299.88	17.430	179.65	89.686	13.749	21.818
#1	.00157	-.00106	.00008	.00496	.00097	.00020	.00114	-.00010
#2	-.00189	-.00269	.00017	.00435	.00240	-.00986	.00130	-.00008
#3	-.00038	-.00193	-.00077	.00611	-.00075	-.00905	.00099	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00414	.00095	-.00026	-.00025	.00214	.00005	-.00745
Stddev	.00005	.01149	.00017	.00007	.00013	.00059	.00006	.02529
%RSD	88.151	277.24	17.802	27.142	52.371	27.496	120.70	339.47
#1	-.00000	-.00753	.00114	-.00020	-.00025	.00147	.00005	.01816
#2	-.00007	.00453	.00089	-.00034	-.00039	.00237	.00010	-.03242
#3	-.00010	.01544	.00082	-.00024	-.00012	.00257	-.00001	-.00809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.00120	F 305.27	-.00014	.00198	.07854	.00013	-.02193
Stddev	.00015	.00014	4.59	.00041	.00002	.01202	.00013	.01490
%RSD	10.268	11.972	1.5051	286.07	.85491	15.301	102.28	67.922
#1	.00145	.00132	300.19	-.00058	.00196	.06767	.00004	-.00621
#2	.00166	.00124	309.14	.00023	.00200	.07651	.00028	-.02375
#3	.00136	.00104	306.48	-.00007	.00198	.09144	.00007	-.03584
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00787	.00387	-.00063	.00219	-.00066	.0023	.00015	3.5248
Stddev	.00206	.00164	.00045	.00080	.00083	.0006	.00010	.0820
%RSD	26.173	42.278	70.448	36.559	126.59	26.89	64.254	2.3273
#1	.00555	.00559	-.00015	.00265	-.00116	.0022	.00026	3.4755
#2	.00950	.00233	-.00103	.00265	.00030	.0030	.00008	3.6195
#3	.00856	.00369	-.00072	.00127	-.00111	.0017	.00011	3.4793

Sample Name: PB120117TB Acquired: 5/28/2019 16:13:01 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1535
Stddev	.5609
%RSD	9.1154

#1	6.6997
#2	6.1820
#3	5.5789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.1	44197.	4117.7	42.605	3393.9
Stddev	8.6	209.	5.8	.420	5.8
%RSD	.25080	.47215	.14145	.98495	.17121

#1	3412.4	44082.	4118.9	42.945	3392.9
#2	3408.2	44071.	4122.9	42.136	3388.6
#3	3424.7	44438.	4111.4	42.734	3400.1

Sample Name: PB120048BL Acquired: 5/28/2019 16:17:37 Type: Unk
Method: P4-ICP2(v3152) 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	.00234	.00039	-.00027	.00101	.00045	-.00908	.00080	.00000
Stddev	.00126	.00049	.00050	.00228	.00023	.00802	.00050	.00006
%RSD	53.540	125.75	185.54	225.72	51.093	88.361	62.284	4041.4
#1	.00321	-.00013	.00030	.00357	.00019	-.00279	.00100	.00001
#2	.00292	.00047	-.00050	.00025	.00052	-.00634	.00023	-.00007
#3	.00090	.00084	-.00061	-.00079	.00064	-.01811	.00118	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00846	-.00007	-.00013	-.00042	-.00280	-.00001	-.01235
Stddev	.00005	.00673	.00018	.00009	.00025	.00041	.00002	.00924
%RSD	351.41	79.538	268.58	71.537	59.258	14.650	228.46	74.793
#1	-.00006	-.00101	.00014	-.00019	-.00026	-.00326	-.00002	-.00206
#2	.00005	-.01027	-.00017	-.00017	-.00030	-.00263	-.00003	-.01994
#3	-.00003	-.01411	-.00017	-.00002	-.00071	-.00250	.00002	-.01506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00016	.07215	.00012	-.00037	.05058	-.00026	-.02553
Stddev	.00030	.00034	.00034	.00025	.00004	.01417	.00022	.00679
%RSD	515.54	214.96	.47014	209.67	10.738	28.012	83.109	26.585
#1	.00006	-.00017	.07209	.00039	-.00035	.04538	-.00034	-.02192
#2	-.00040	.00013	.07252	-.00008	-.00035	.06662	-.00043	-.03336
#3	.00016	.00050	.07185	.00004	-.00042	.03975	-.00002	-.02131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	-.00260	-.00197	.00062	-.00037	.0019	.00011	F 2.3165
Stddev	.00152	.00088	.00006	.00151	.00187	.0006	.00005	.1490
%RSD	167.66	33.917	2.9716	243.43	499.51	30.49	50.309	6.4308
#1	-.00018	-.00322	-.00191	.00233	-.00242	.0024	.00014	2.4499
#2	.00011	-.00159	-.00202	.00008	.00124	.0013	.00013	2.1557
#3	-.00266	-.00298	-.00198	-.00054	.00006	.0019	.00004	2.3440

Sample Name: PB120048BL Acquired: 5/28/2019 16:17:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3943
Stddev	.2357
%RSD	9.8437

#1	2.6070
#2	2.1409
#3	2.4349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.8	47192.	4132.3	42.955	3839.4
Stddev	13.5	29.	2.5	1.771	8.3
%RSD	.37302	.06173	.06036	4.1227	.21716

#1	3619.1	47205.	4135.1	42.743	3837.3
#2	3606.7	47159.	4131.6	44.823	3832.3
#3	3633.7	47213.	4130.3	41.300	3848.6

Sample Name: PB120048BS Acquired: 5/28/2019 16:22:04 Type: Unk
Method: P4-ICP2(v3152) 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	.77707	1.9931	.95087	2.0057	.75700	1.8527	.19804
Stddev	.00303	.0031	.00152	.0034	.00212	.0176	.00123
%RSD	.38932	.15460	.15935	.17083	.27951	.95065	.62228

#1	.78029	1.9898	.95248	2.0096	.75930	1.8610	.19815
#2	.77661	1.9935	.95066	2.0044	.75513	1.8325	.19675
#3	.77429	1.9960	.94947	2.0031	.75657	1.8647	.19921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19674	.18933	1.0421	.40498	.19263	.29471	3.0668
Stddev	.00031	.00034	.0123	.00135	.00040	.00109	.0049
%RSD	.15548	.17897	1.1806	.33382	.20851	.37114	.15948

#1	.19649	.18959	1.0388	.40343	.19235	.29549	3.0619
#2	.19708	.18895	1.0318	.40589	.19245	.29518	3.0716
#3	.19664	.18946	1.0558	.40563	.19309	.29346	3.0668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20440	1.9703	.49061	.07468	2.9964	.30338	.18663
Stddev	.00045	.0777	.00055	.00064	.0216	.00105	.00034
%RSD	.21961	3.9443	.11245	.85976	.72191	.34727	.18422

#1	.20448	1.8924	.49125	.07532	2.9868	.30341	.18640
#2	.20392	1.9708	.49028	.07467	2.9813	.30232	.18646
#3	.20481	2.0478	.49031	.07404	3.0212	.30442	.18702

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9152	.40395	.27571	F -.00355	.92150	.67954	.20559
Stddev	.0896	.00043	.00694	.00241	.00921	.00020	.00084
%RSD	.90331	.10721	2.5155	67.701	.99984	.02921	.40678

#1	9.8480	.40365	.27852	-.00254	.91195	.67969	.20480
#2	9.8808	.40445	.26781	-.00630	.93034	.67961	.20551
#3	10.017	.40375	.28079	-.00182	.92220	.67931	.20646

Sample Name: PB120048BS Acquired: 5/28/2019 16:22:04 Type: Unk
Method: P4-ICP2(v3152) 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	.20566	F 5.621	F .19969	2.7786	.83044
Stddev	.00243	.006	.00071	.0737	.34511
%RSD	1.1811	.1067	.35506	2.6530	41.557

#1	.20350	5.616	.19889	2.8257	.78250
#2	.20518	5.628	.19992	2.6936	.51181
#3	.20829	5.619	.20025	2.8165	1.1970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.3	46624.	4030.8	42.070	3752.2
Stddev	13.1	182.	13.6	1.548	10.1
%RSD	.36361	.38949	.33652	3.6802	.26856

#1	3586.2	46443.	4035.0	43.739	3740.6
#2	3602.7	46807.	4015.6	41.793	3757.3
#3	3612.0	46622.	4041.8	40.680	3758.7

Sample Name: PB120048TB Acquired: 5/28/2019 16:26:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00343	-.00017	.00034	.00161	.00892	.00081	-.00006
Stddev	.00182	.00187	.00033	.00146	.00214	.00499	.00022	.00003
%RSD	358.15	54.597	200.40	432.27	133.50	56.012	26.933	55.412
#1	-.00093	-.00556	.00017	.00178	.00293	.00334	.00099	-.00005
#2	.00255	-.00269	-.00049	.00038	.00276	.01044	.00089	-.00003
#3	-.00010	-.00204	-.00018	-.00114	-.00087	.01297	.00057	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00576	.00083	-.00028	-.00047	.00313	.00006	-.03190
Stddev	.00005	.00847	.00009	.00023	.00029	.00054	.00005	.02420
%RSD	88.798	147.14	10.887	84.071	62.129	17.212	88.073	75.883
#1	-.00011	-.01373	.00090	-.00054	-.00079	.00370	.00003	-.04928
#2	-.00001	-.00667	.00073	-.00011	-.00021	.00304	.00003	-.00425
#3	-.00005	.00313	.00087	-.00017	-.00042	.00263	.00012	-.04216
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00142	F 302.88	.00044	.01280	.06694	.00019	-.01147
Stddev	.00023	.00025	.43	.00014	.00095	.00059	.00013	.00300
%RSD	12.731	17.798	.14086	32.657	7.4254	.88029	67.621	26.118
#1	.00206	.00171	302.47	.00031	.01375	.06681	.00020	-.00841
#2	.00169	.00124	303.32	.00043	.01280	.06758	.00031	-.01440
#3	.00164	.00131	302.85	.00059	.01185	.06642	.00006	-.01159
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00795	.00318	-.00091	.00116	-.00031	.0033	.00011	3.4228
Stddev	.00170	.00153	.00027	.00181	.00146	.0016	.00006	.0968
%RSD	21.386	48.081	29.860	155.83	469.62	50.02	53.776	2.8290
#1	.00842	.00456	-.00081	.00120	-.00151	.0014	.00017	3.5177
#2	.00936	.00343	-.00070	-.00067	-.00075	.0038	.00011	3.3242
#3	.00606	.00154	-.00122	.00295	.00132	.0046	.00005	3.4265

Sample Name: PB120048TB Acquired: 5/28/2019 16:26:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3792
Stddev	.4983
%RSD	7.8115

#1	6.9196
#2	5.9379
#3	6.2802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.0	44057.	4103.0	43.285	3405.8
Stddev	10.2	10.	28.4	1.326	5.1
%RSD	.29747	.02176	.69108	3.0632	.14926

#1	3437.6	44068.	4094.1	42.732	3411.7
#2	3417.3	44049.	4134.7	44.798	3402.4
#3	3428.9	44054.	4080.1	42.325	3403.4

Sample Name: PB120103BS Acquired: 5/28/2019 16:30:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120103BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74345	1.8778	.90515	1.8490	.72806	1.8150	.19591
Stddev	.00494	.0044	.00334	.0094	.00145	.0149	.00177
%RSD	.66449	.23438	.36864	.50975	.19948	.82238	.90167

#1	.74168	1.8799	.90136	1.8529	.72723	1.8003	.19446
#2	.74903	1.8727	.90642	1.8559	.72974	1.8143	.19540
#3	.73963	1.8807	.90766	1.8383	.72722	1.8302	.19788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18141	.17874	1.0184	.40049	.18689	.28128	2.9882
Stddev	.00039	.00089	.0072	.00061	.00030	.00023	.0086
%RSD	.21296	.49589	.70754	.15175	.16182	.08263	.28662

#1	.18101	.17928	1.0140	.40116	.18724	.28154	2.9813
#2	.18178	.17772	1.0146	.39999	.18671	.28110	2.9978
#3	.18144	.17923	1.0267	.40031	.18672	.28121	2.9856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19978	1.9342	.47159	.07099	2.9662	.30094	.17588
Stddev	.00055	.0614	.00054	.00056	.0282	.00079	.00016
%RSD	.27396	3.1760	.11505	.78387	.95175	.26415	.08920

#1	.19922	1.8953	.47202	.07039	2.9445	.30150	.17596
#2	.20031	1.9023	.47098	.07149	2.9561	.30129	.17570
#3	.19982	2.0051	.47178	.07111	2.9981	.30003	.17598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6875	.40323	.26339	F -.00371	.89476	.64671	.20053
Stddev	.0962	.00047	.00701	.00245	.00489	.00177	.00144
%RSD	.99311	.11750	2.6627	66.096	.54697	.27412	.71811

#1	9.6121	.40287	.26472	-.00509	.90016	.64853	.19890
#2	9.6544	.40376	.25581	-.00088	.89351	.64662	.20161
#3	9.7958	.40305	.26964	-.00515	.89061	.64498	.20108

Sample Name: PB120103BS Acquired: 5/28/2019 16:30:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120103BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20377	5.255	.19746	F 2.5352	F .14643
Stddev	.00037	.016	.00066	.0785	.61982
%RSD	.18065	.3019	.33608	3.0963	423.28
#1	.20378	5.272	.19741	2.4520	-.47826
#2	.20413	5.241	.19682	2.6079	.76126
#3	.20340	5.252	.19815	2.5458	.15630
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.3	46901.	4045.5	42.213	3750.1
Stddev	6.4	122.	32.1	1.153	7.3
%RSD	.17972	.26089	.79454	2.7320	.19450
#1	3561.0	46766.	4013.0	41.727	3741.7
#2	3560.1	46934.	4046.1	41.382	3755.0
#3	3571.6	47004.	4077.3	43.530	3753.5

Sample Name: K3041-07 Acquired: 5/28/2019 16:34:53 Type: Unk
Method: P4-ICP2(v3152) 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	.20737	.00011	5.7358	.00190	.04529	58.248	5.5904
Stddev	.00218	.00155	.0100	.00065	.00230	.161	.0115
%RSD	1.0515	1457.0	.17362	34.101	5.0713	.27723	.20621

#1	.20899	.00163	5.7467	.00170	.04599	58.129	5.5835
#2	.20824	-.00148	5.7334	.00138	.04716	58.183	5.5841
#3	.20489	.00017	5.7273	.00263	.04273	58.432	5.6037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01817	.02002	262.04	.75440	.32317	8.6085	268.00
Stddev	.00028	.00012	1.75	.00149	.00124	.0143	.72
%RSD	1.5584	.61588	.66950	.19774	.38389	.16630	.26860

#1	.01785	.02011	260.95	.75347	.32458	8.6213	267.22
#2	.01838	.01988	264.07	.75361	.32227	8.5930	268.64
#3	.01829	.02007	261.11	.75612	.32264	8.6111	268.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8674	148.53	1.0298	-.01209	42.169	.21036	22.545
Stddev	.0058	.44	.0013	.00027	.083	.00072	.035
%RSD	.14961	.29848	.12580	2.2741	.19618	.34211	.15368

#1	3.8697	148.03	1.0306	-.01225	42.169	.20953	22.585
#2	3.8717	148.70	1.0283	-.01177	42.087	.21073	22.524
#3	3.8608	148.86	1.0304	-.01225	42.252	.21081	22.526

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0510	.01365	.27959	9.4260	4.9432	.27904	2.4978
Stddev	.0062	.00073	.00546	.0028	.0391	.00106	.0177
%RSD	.06884	5.3268	1.9525	.02974	.79004	.37875	.70845

#1	9.0559	.01374	.28537	9.4270	4.9188	.27997	2.4783
#2	9.0531	.01288	.27889	9.4281	4.9883	.27789	2.5129
#3	9.0440	.01433	.27452	9.4228	4.9226	.27925	2.5022

Sample Name: K3041-07 Acquired: 5/28/2019 16:34:53 Type: Unk
 Method: P4-ICP2(v3152) 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	.12464	4.746	.39172	1.3700	F<.00000
Stddev	.00114	.013	.00213	.1296	.79015
%RSD	.91102	.2625	.54446	9.4586	3.0811
#1	.12437	4.744	.39091	1.4219	-25.126
#2	.12589	4.735	.39414	1.4657	-25.255
#3	.12367	4.760	.39010	1.2226	-26.554
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.0	46580.	4454.0	40.603	3045.7
Stddev	5.2	13.	28.7	.298	2.9
%RSD	.14977	.02733	.64536	.73422	.09468
#1	3500.9	46576.	4460.5	40.507	3047.3
#2	3501.2	46570.	4422.6	40.365	3047.5
#3	3492.0	46594.	4479.0	40.938	3042.4

Sample Name: CCV05 Acquired: 5/28/2019 16:39:08 Type: Unk
Method: P4-ICP2(v3152) 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	5.1593	5.0311	4.8775	5.1099	4.9918	9.8306	10.071	.25040
Stddev	.0107	.0123	.0038	.0068	.0026	.0419	.090	.00017
%RSD	.20764	.24390	.07707	.13266	.05227	.42608	.89856	.06769
#1	5.1704	5.0356	4.8734	5.1092	4.9915	9.7971	9.9680	.25047
#2	5.1490	5.0404	4.8806	5.1035	4.9893	9.8775	10.139	.25021
#3	5.1586	5.0172	4.8786	5.1170	4.9945	9.8171	10.104	.25053
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4598	25.311	1.0070	2.4569	1.2425	5.0228	2.5140	25.079
Stddev	.0026	.036	.0025	.0020	.0008	.0138	.0048	.132
%RSD	.10718	.14422	.24487	.08212	.06377	.27431	.19227	.52467
#1	2.4568	25.269	1.0099	2.4568	1.2427	5.0332	2.5170	24.964
#2	2.4618	25.330	1.0057	2.4590	1.2432	5.0072	2.5085	25.223
#3	2.4609	25.334	1.0055	2.4550	1.2417	5.0280	2.5166	25.052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4909	1.2833	24.854	2.5311	2.4332	25.314	5.1470	5.0217
Stddev	.0011	.0018	.057	.0031	.0013	.042	.0052	.0461
%RSD	.04414	.14294	.22816	.12105	.05330	.16634	.10025	.91868
#1	2.4902	1.2849	24.789	2.5335	2.4317	25.265	5.1438	5.0107
#2	2.4921	1.2813	24.892	2.5277	2.4336	25.338	5.1443	5.0724
#3	2.4903	1.2836	24.881	2.5322	2.4342	25.338	5.1530	4.9822
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1300	5.0794	5.0351	5.0822	4.9992	5.186	5.0810	F 3.3047
Stddev	.0177	.0206	.0012	.0202	.0383	.004	.0296	.1751
%RSD	.34569	.40563	.02336	.39652	.76695	.0763	.58238	5.2976
#1	5.1276	5.0810	5.0342	5.0669	4.9956	5.182	5.0797	3.3247
#2	5.1489	5.0581	5.0364	5.0746	4.9628	5.190	5.0521	3.1205
#3	5.1136	5.0992	5.0346	5.1050	5.0393	5.185	5.1112	3.4689

Sample Name: CCV05 Acquired: 5/28/2019 16:39:08 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9648
Stddev .1329
%RSD 4.4840

#1 2.8193
#2 3.0799
#3 2.9953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.9	43940.	3982.9	40.276	3360.3
Stddev	5.6	121.	28.7	.122	5.4
%RSD	.16328	.27428	.72159	.30217	.15932

#1	3400.5	43816.	3958.8	40.200	3356.2
#2	3410.5	43948.	4014.7	40.417	3358.4
#3	3409.8	44056.	3975.3	40.212	3366.4

Sample Name: CCB05 Acquired: 5/28/2019 16:43:15 Type: Unk
Method: P4-ICP2(v3152) 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	.00128	.00149	.00022	-.00048	.00095	-.01023	.00055	.00005
Stddev	.00112	.00090	.00050	.00124	.00044	.01167	.00021	.00003
%RSD	87.246	60.484	227.07	260.07	46.361	114.08	39.112	64.689
#1	.00074	.00062	-.00017	-.00184	.00089	-.02063	.00052	.00002
#2	.00054	.00143	.00004	-.00017	.00054	.00240	.00035	.00004
#3	.00256	.00242	.00078	.00058	.00141	-.01247	.00078	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00107	-.00004	-.00007	-.00018	-.00067	.00008	-.01838
Stddev	.00004	.01279	.00033	.00007	.00010	.00035	.00007	.02346
%RSD	114.41	1194.2	891.09	106.19	56.303	53.071	82.228	127.65
#1	.00001	-.00978	.00032	-.00015	-.00014	-.00026	.00008	.00860
#2	.00007	-.00219	-.00033	-.00005	-.00010	-.00089	.00015	-.02975
#3	.00002	.01518	-.00010	-.00001	-.00030	-.00085	.00002	-.03399
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00006	.00446	.00024	.00023	.03839	.00060	-.02012
Stddev	.00024	.00022	.00235	.00029	.00009	.01428	.00024	.00180
%RSD	330.45	391.51	52.781	117.61	39.895	37.202	40.475	8.9406
#1	.00020	.00011	.00188	.00033	.00029	.02416	.00086	-.02011
#2	-.00026	-.00019	.00501	-.00008	.00029	.03829	.00054	-.01832
#3	-.00016	.00024	.00649	.00047	.00013	.05273	.00039	-.02192
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	-.00212	-.00121	-.00061	.00101	.0018	.00027	F 2.4474
Stddev	.00231	.00044	.00008	.00095	.00094	.0014	.00005	.1392
%RSD	100.43	20.941	6.7514	154.37	92.613	75.07	16.949	5.6884
#1	.00250	-.00197	-.00126	.00048	.00067	.0032	.00031	2.5388
#2	.00450	-.00262	-.00126	-.00116	.00207	.0018	.00022	2.5162
#3	-.00011	-.00177	-.00112	-.00116	.00029	.0005	.00028	2.2872

Sample Name: CCB05 Acquired: 5/28/2019 16:43:15 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6680
 Stddev .2141
 %RSD 12.838

#1 1.9118
 #2 1.5102
 #3 1.5822

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.1	46304.	4011.8	42.252	3782.1
Stddev	2.4	267.	25.5	.768	2.5
%RSD	.06628	.57589	.63662	1.8172	.06603

#1	3574.7	46243.	3998.3	41.761	3779.5
#2	3571.5	46073.	3995.8	41.857	3782.4
#3	3570.1	46596.	4041.2	43.136	3784.4

Sample Name: K3041-11 Acquired: 5/28/2019 16:47:44 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07652	-.00027	5.8358	.00801	.01219	50.772	.88706
Stddev	.00225	.00200	.0049	.00272	.00113	.427	.00615
%RSD	2.9411	745.00	.08408	33.974	9.2622	.84137	.69340

#1	.07539	-.00232	5.8403	.00678	.01108	50.282	.88003
#2	.07506	-.00016	5.8365	.01113	.01334	51.063	.89143
#3	.07911	.00168	5.8306	.00612	.01214	50.971	.88973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	-.00113	176.80	.87356	.06562	.58506	130.21
Stddev	.00026	.00021	.21	.00390	.00026	.00063	1.04
%RSD	3.1606	18.350	.11696	.44591	.39045	.10836	.79811

#1	.00800	-.00090	176.61	.87230	.06588	.58492	129.03
#2	.00804	-.00130	176.77	.87045	.06537	.58576	130.97
#3	.00847	-.00121	177.02	.87793	.06562	.58451	130.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2924	59.980	.14533	-.00225	21.619	.13771	1.1512
Stddev	.0035	.578	.00015	.00045	.129	.00011	.0018
%RSD	.10677	.96372	.10241	19.981	.59859	.08170	.15677

#1	3.2922	59.317	.14550	-.00241	21.472	.13758	1.1526
#2	3.2889	60.380	.14528	-.00175	21.715	.13778	1.1518
#3	3.2959	60.243	.14522	-.00261	21.670	.13777	1.1492

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.537	.01046	.23292	F 45.254	2.9318	.29019	1.0279
Stddev	.050	.00020	.01994	.129	.0093	.00074	.0087
%RSD	.47205	1.8643	8.5604	.28460	.31685	.25494	.84795

#1	10.481	.01040	.25326	45.237	2.9424	.28954	1.0182
#2	10.575	.01068	.21341	45.390	2.9251	.29003	1.0305
#3	10.556	.01031	.23209	45.134	2.9280	.29099	1.0350

Sample Name: K3041-11 Acquired: 5/28/2019 16:47:44 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10632	F 31.22	.24253	1.4120	F<.00000
Stddev	.00080	.06	.00066	.1250	.61616
%RSD	.74995	.2068	.27047	8.8500	8.4269
#1	.10658	31.25	.24319	1.5559	-7.0838
#2	.10543	31.26	.24251	1.3496	-6.8422
#3	.10696	31.15	.24188	1.3306	-8.0095
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.6	48273.	4594.3	41.471	3247.6
Stddev	3.4	202.	19.1	.517	4.6
%RSD	.09285	.41917	.41556	1.2463	.14242
#1	3671.7	48491.	4582.0	41.753	3243.5
#2	3665.0	48235.	4616.3	41.787	3246.7
#3	3669.1	48092.	4584.7	40.875	3252.7

Sample Name: K3051-02 Acquired: 5/28/2019 16:52:02 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07235	-.01197	.43788	-.00125	.00568	64.276	5.1614
Stddev	.00125	.00054	.00099	.00113	.00070	.552	.0407
%RSD	1.7257	4.5399	.22583	90.878	12.296	.85824	.78873

#1	.07362	-.01221	.43893	-.00255	.00554	63.657	5.1159
#2	.07113	-.01135	.43696	-.00050	.00644	64.716	5.1944
#3	.07229	-.01235	.43774	-.00068	.00506	64.455	5.1738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01274	.00157	65.264	.15805	.10442	.33869	199.05
Stddev	.00011	.00016	.435	.00039	.00034	.00032	.90
%RSD	.86454	10.254	.66657	.24575	.32775	.09354	.44995

#1	.01286	.00176	65.213	.15762	.10405	.33906	198.90
#2	.01273	.00145	64.856	.15837	.10472	.33848	198.24
#3	.01264	.00151	65.722	.15817	.10448	.33854	200.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9647	41.685	.16753	-.00982	2.9667	.34178	.87053
Stddev	.0029	.262	.00044	.00012	.0226	.00203	.00093
%RSD	.14520	.62799	.26081	1.1858	.76030	.59431	.10663

#1	1.9642	41.382	.16714	-.00982	2.9416	.34004	.87151
#2	1.9620	41.833	.16800	-.00970	2.9853	.34128	.86967
#3	1.9677	41.839	.16745	-.00993	2.9732	.34401	.87041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.338	.01131	.59723	F 17.446	3.0842	.04008	3.7288
Stddev	.114	.00018	.00932	.033	.0529	.00010	.0129
%RSD	1.0092	1.6074	1.5604	.19053	1.7155	.25969	.34595

#1	11.212	.01152	.59334	17.463	3.1310	.04020	3.7308
#2	11.435	.01117	.60786	17.466	3.0268	.04003	3.7150
#3	11.366	.01125	.59048	17.407	3.0948	.04001	3.7406

Sample Name: K3051-02 Acquired: 5/28/2019 16:52:02 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08059	F 11.46	.06792	<.00000	F<.00000
Stddev	.00050	.01	.00046	.07222	.40108
%RSD	.62398	.0816	.67970	4.6474	1.7319
#1	.08058	11.47	.06810	-1.4766	-23.191
#2	.08010	11.46	.06740	-1.6196	-22.742
#3	.08110	11.46	.06827	-1.5657	-23.543
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4255.6	55873.	5167.4	40.579	3295.0
Stddev	11.7	98.	44.2	.875	3.8
%RSD	.27418	.17534	.85454	2.1561	.11680
#1	4242.4	55869.	5129.8	40.997	3291.3
#2	4264.5	55777.	5216.0	39.573	3299.0
#3	4259.9	55973.	5156.4	41.165	3294.6

Sample Name: K3051-04 Acquired: 5/28/2019 16:56:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04818	-.00037	.29067	.00049	.00649	91.495	3.2846
Stddev	.00131	.00141	.00110	.00104	.00084	.814	.0222
%RSD	2.7267	380.66	.38012	212.60	13.008	.88923	.67423

#1	.04967	-.00199	.28977	.00024	.00657	90.629	3.2598
#2	.04721	.00025	.29190	-.00040	.00562	91.614	3.2916
#3	.04765	.00063	.29033	.00163	.00730	92.243	3.3024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01659	.00282	26.000	.28338	.07554	.43249	205.12
Stddev	.00025	.00020	.096	.00039	.00026	.00173	.62
%RSD	1.4869	7.0387	.36916	.13679	.34490	.40111	.30373

#1	.01672	.00302	25.914	.28383	.07585	.43438	204.43
#2	.01674	.00281	25.982	.28313	.07540	.43211	205.27
#3	.01630	.00262	26.103	.28319	.07539	.43098	205.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1005	30.819	.20629	-.00744	2.2590	.48051	1.8672
Stddev	.0052	.120	.00025	.00037	.0137	.00255	.0030
%RSD	.24803	.38953	.12051	5.0146	.60492	.53036	.16236

#1	2.1020	30.682	.20633	-.00780	2.2436	.47839	1.8706
#2	2.1048	30.871	.20651	-.00705	2.2639	.47981	1.8648
#3	2.0947	30.904	.20602	-.00746	2.2696	.48334	1.8661

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.427	.00472	.20091	4.8800	4.2652	.02125	2.5536
Stddev	.071	.00031	.00331	.0235	.0649	.00029	.0114
%RSD	.43193	6.5514	1.6468	.48086	1.5225	1.3757	.44439

#1	16.346	.00506	.19918	4.9015	4.2624	.02159	2.5416
#2	16.459	.00462	.20472	4.8550	4.2017	.02104	2.5549
#3	16.476	.00447	.19882	4.8836	4.3315	.02114	2.5642

Sample Name: K3051-04 Acquired: 5/28/2019 16:56:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13812	5.236	.04380	<.00000	F<.00000
Stddev	.00112	.013	.00059	.05454	.57524
%RSD	.80797	.2508	1.3545	496.35	2.9719
#1	.13687	5.249	.04343	-.04979	-18.728
#2	.13850	5.236	.04348	.05137	-19.482
#3	.13900	5.222	.04448	-.03455	-19.858
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.3	50892.	4679.6	41.291	3373.7
Stddev	12.6	151.	21.2	1.488	10.5
%RSD	.32105	.29605	.45283	3.6031	.31214
#1	3915.1	50831.	4658.5	42.412	3362.2
#2	3926.4	50782.	4679.5	41.857	3375.8
#3	3940.3	51064.	4700.8	39.603	3382.9

Sample Name: K3052-01 Acquired: 5/28/2019 17:00:45 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05989	-.01388	.97354	-.01223	.00912	119.04	1.0545
Stddev	.00197	.00097	.00115	.00214	.00090	1.11	.0115
%RSD	3.2931	7.0008	.11776	17.487	9.8959	.93485	1.0900

#1	.05841	-.01375	.97446	-.01426	.00897	117.83	1.0420
#2	.06213	-.01298	.97389	-.01242	.01008	120.02	1.0646
#3	.05914	-.01491	.97225	-.00999	.00830	119.27	1.0570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01455	.00266	694.96	.29869	.12050	.55911	194.95
Stddev	.00016	.00025	2.11	.00116	.00040	.00165	1.43
%RSD	1.1308	9.4674	.30300	.38701	.33152	.29520	.73585

#1	.01454	.00294	694.36	.29737	.12095	.56076	193.32
#2	.01472	.00249	693.23	.29952	.12037	.55912	196.02
#3	.01439	.00254	697.30	.29919	.12019	.55746	195.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1128	207.48	.55023	-.01026	9.0512	.54610	1.4324
Stddev	.0158	1.99	.00093	.00015	.0931	.00109	.0048
%RSD	.38305	.95911	.16829	1.5001	1.0286	.19931	.33219

#1	4.1197	205.41	.55124	-.01030	8.9493	.54547	1.4351
#2	4.0948	209.37	.55002	-.01009	9.1319	.54736	1.4352
#3	4.1239	207.65	.54942	-.01039	9.0723	.54547	1.4269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.261	.01352	.25685	F 28.926	1.4239	.06946	4.7260
Stddev	.175	.00031	.01487	.160	.0522	.00110	.0037
%RSD	1.0125	2.2806	5.7883	.55475	3.6698	1.5790	.07864

#1	17.071	.01335	.25914	29.051	1.4055	.06998	4.7221
#2	17.416	.01387	.24097	28.981	1.4828	.06820	4.7295
#3	17.296	.01333	.27044	28.745	1.3833	.07020	4.7262

Sample Name: K3052-01 Acquired: 5/28/2019 17:00:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16182	7.305	1.3575	.99269	F<.00000
Stddev	.00069	.015	.0019	.16463	.85907
%RSD	.42490	.2015	.14359	16.585	6.0565
#1	.16203	7.310	1.3583	1.1825	-13.955
#2	.16237	7.316	1.3553	.90635	-15.135
#3	.16105	7.288	1.3589	.88918	-13.463
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.1	47563.	4739.9	38.143	2827.6
Stddev	8.2	135.	36.8	2.279	10.2
%RSD	.22488	.28400	.77601	5.9756	.36144
#1	3622.5	47702.	4701.3	35.648	2819.5
#2	3622.3	47432.	4774.6	38.663	2824.2
#3	3636.5	47555.	4743.7	40.117	2839.1

Sample Name: K3052-01DUP Acquired: 5/28/2019 17:05:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06502	-.01262	.98452	-.01301	.00783	121.10	1.0613
Stddev	.00117	.00044	.00239	.00342	.00208	.25	.0055
%RSD	1.7960	3.4737	.24243	26.281	26.592	.20540	.51477

#1	.06579	-.01252	.98577	-.01591	.00543	120.95	1.0585
#2	.06368	-.01223	.98176	-.01388	.00910	121.39	1.0676
#3	.06560	-.01309	.98602	-.00924	.00896	120.97	1.0577

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01416	.00233	690.46	.29211	.12157	.53180	192.22
Stddev	.00015	.00012	4.17	.00042	.00028	.00178	.96
%RSD	1.0309	5.0129	.60340	.14515	.22736	.33468	.50094

#1	.01419	.00246	687.59	.29185	.12162	.53346	191.92
#2	.01429	.00223	688.56	.29189	.12127	.53203	191.44
#3	.01401	.00232	695.24	.29260	.12182	.52992	193.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0890	208.42	.55118	-.01001	9.0689	.54694	1.4490
Stddev	.0178	1.06	.00209	.00042	.0361	.00080	.0023
%RSD	.43585	.50693	.37988	4.1661	.39811	.14542	.15966

#1	4.0684	207.24	.55254	-.00997	9.0398	.54612	1.4511
#2	4.0985	209.29	.54877	-.00962	9.1093	.54770	1.4465
#3	4.1000	208.72	.55223	-.01045	9.0577	.54701	1.4494

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.760	.01143	.25015	F 27.754	1.4719	.05954	4.8592
Stddev	.052	.00026	.02093	.057	.0230	.00159	.0104
%RSD	.29117	2.2815	8.3665	.20668	1.5595	2.6740	.21320

#1	17.756	.01160	.22635	27.808	1.4797	.05924	4.8533
#2	17.813	.01156	.25844	27.762	1.4461	.06126	4.8530
#3	17.710	.01113	.26566	27.694	1.4900	.05811	4.8711

Sample Name: K3052-01DUP Acquired: 5/28/2019 17:05:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16698	7.430	1.3436	.98251	F<.00000
Stddev	.00048	.007	.0053	.16052	.93450
%RSD	.28909	.0909	.39422	16.338	7.0115

#1	.16642	7.434	1.3421	.83661	-12.655
#2	.16718	7.435	1.3392	1.1545	-14.395
#3	.16732	7.423	1.3495	.95646	-12.934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.9	47584.	4749.4	37.317	2829.9
Stddev	7.8	63.	41.9	1.492	5.3
%RSD	.21396	.13255	.88220	3.9984	.18655

#1	3637.9	47559.	4745.5	39.010	2826.6
#2	3645.7	47656.	4793.2	36.195	2836.0
#3	3630.1	47538.	4709.6	36.745	2827.0

Sample Name: K3052-01LX5 Acquired: 5/28/2019 17:09:40 Type: Unk
Method: P4-ICP2(v3152) 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	.01897	-.00051	.19678	.00103	.00153	25.892	.22935	.00309
Stddev	.00196	.00113	.00107	.00543	.00036	.120	.00019	.00009
%RSD	10.355	222.88	.54619	526.53	23.255	.46385	.08337	2.9576

#1	.02096	.00010	.19708	-.00482	.00188	25.867	.22913	.00303
#2	.01703	-.00181	.19559	.00202	.00156	25.787	.22948	.00305
#3	.01893	.00019	.19768	.00590	.00117	26.023	.22944	.00320

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	164.31	.06898	.02383	.12345	52.210	.98198	46.101
Stddev	.00005	.78	.00033	.00020	.00070	.109	.00073	.070
%RSD	3.5827	.47272	.48488	.84753	.57000	.20785	.07389	.15180

#1	-.00148	165.17	.06866	.02406	.12359	52.108	.98131	46.171
#2	-.00138	164.11	.06895	.02368	.12269	52.324	.98188	46.102
#3	-.00144	163.66	.06932	.02375	.12407	52.198	.98275	46.031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10933	-.00117	1.8981	.12684	.26893	3.7597	.00267	.04333
Stddev	.00023	.00046	.0098	.00057	.00028	.0324	.00031	.01215
%RSD	.20970	39.479	.51401	.45186	.10441	.86287	11.483	28.052

#1	.10912	-.00072	1.8902	.12651	.26899	3.7224	.00237	.05400
#2	.10929	-.00116	1.8950	.12651	.26918	3.7814	.00298	.04589
#3	.10958	-.00164	1.9090	.12750	.26863	3.7753	.00267	.03010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1727	.35355	.01186	1.1396	.03548	1.393	.30730	2.4598
Stddev	.0168	.01021	.00112	.0034	.00060	.002	.00141	.0575
%RSD	.32403	2.8871	9.4713	.29663	1.6972	.1135	.45778	2.3362

#1	5.1817	.36496	.01057	1.1393	.03544	1.394	.30873	2.3944
#2	5.1831	.34527	.01245	1.1432	.03610	1.393	.30592	2.5022
#3	5.1534	.35043	.01258	1.1364	.03490	1.391	.30724	2.4828

Sample Name: K3052-01LX5 Acquired: 5/28/2019 17:09:40 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .47735
 %RSD 65.274

#1 -1.1790
 #2 -.22903
 #3 -.78586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.2	44888.	4162.8	40.342	3294.4
Stddev	2.3	168.	32.3	1.039	6.8
%RSD	.06626	.37318	.77599	2.5742	.20768

#1	3460.7	44696.	4125.9	40.914	3289.4
#2	3461.1	44969.	4176.4	39.144	3291.5
#3	3464.9	45000.	4186.1	40.969	3302.2

Sample Name: K3052-01MS Acquired: 5/28/2019 17:14:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77212	1.9451	1.9480	1.7509	.15810	130.70	1.3093
Stddev	.00196	.0021	.0030	.0102	.00171	.40	.0041
%RSD	.25405	.10557	.15522	.58276	1.0816	.30779	.31415

#1	.77352	1.9431	1.9445	1.7391	.15617	131.02	1.3111
#2	.77296	1.9451	1.9499	1.7560	.15869	130.25	1.3045
#3	.76988	1.9472	1.9497	1.7574	.15943	130.83	1.3121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19637	.20050	727.79	.61243	.32610	.77447	181.70
Stddev	.00103	.00101	.46	.00240	.00050	.00185	1.14
%RSD	.52408	.50281	.06324	.39235	.15376	.23930	.62797

#1	.19738	.19981	727.33	.61209	.32552	.77234	181.56
#2	.19642	.20003	727.80	.61022	.32632	.77564	180.64
#3	.19532	.20165	728.25	.61498	.32645	.77544	182.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8462	233.24	1.0419	.05881	13.117	.79655	1.6937
Stddev	.0063	.06	.0013	.00009	.031	.00237	.0059
%RSD	.16506	.02554	.12319	.15091	.23284	.29741	.34655

#1	3.8535	233.23	1.0410	.05891	13.113	.79627	1.6897
#2	3.8430	233.31	1.0433	.05880	13.088	.79434	1.6909
#3	3.8421	233.19	1.0413	.05873	13.149	.79905	1.7004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.089	.34465	.51652	F 31.087	1.9005	.82679	5.2747
Stddev	.110	.00093	.01473	.131	.0183	.00417	.0278
%RSD	.37704	.27104	2.8518	.42032	.96083	.50397	.52634

#1	29.020	.34365	.49974	31.000	1.8907	.82206	5.2516
#2	29.033	.34479	.52732	31.023	1.8893	.82990	5.3055
#3	29.216	.34550	.52251	31.237	1.9216	.82842	5.2670

Sample Name: K3052-01MS Acquired: 5/28/2019 17:14:05 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35347	F 14.48	1.5450	1.3211	F<.00000
Stddev	.00137	.02	.0010	.0924	.99984
%RSD	.38818	.1316	.06499	6.9938	7.9332
#1	.35330	14.50	1.5461	1.4206	-12.927
#2	.35492	14.47	1.5441	1.3049	-13.401
#3	.35219	14.47	1.5449	1.2380	-11.482
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.5	47481.	4663.8	36.838	2804.1
Stddev	7.5	46.	3.7	.751	7.4
%RSD	.20696	.09697	.07963	2.0387	.26307
#1	3630.3	47452.	4663.4	37.117	2803.6
#2	3636.6	47534.	4660.3	37.410	2811.7
#3	3621.6	47456.	4667.7	35.987	2797.0

Sample Name: K3052-01MSD Acquired: 5/28/2019 17:18:23 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76598	1.9588	5.7378	1.7408	.15386	119.60	1.3680
Stddev	.00304	.0027	.0084	.0057	.00204	.25	.0053
%RSD	.39704	.13704	.14710	.32898	1.3259	.20690	.38478

#1	.76406	1.9575	5.7466	1.7414	.15552	119.53	1.3663
#2	.76440	1.9571	5.7369	1.7348	.15448	119.87	1.3739
#3	.76949	1.9619	5.7298	1.7462	.15158	119.40	1.3638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19589	.20240	639.60	1.3390	.33034	.78233	190.26
Stddev	.00030	.00080	2.63	.0021	.00068	.00046	.51
%RSD	.15210	.39666	.41184	.15953	.20488	.05911	.26612

#1	.19624	.20330	642.64	1.3401	.33099	.78186	190.79
#2	.19573	.20175	638.08	1.3404	.33040	.78234	189.78
#3	.19571	.20216	638.08	1.3366	.32964	.78279	190.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6170	211.85	1.1955	.05835	11.976	.79810	1.9133
Stddev	.0011	.72	.0013	.00013	.049	.00190	.0051
%RSD	.03137	.33958	.10427	.21742	.41089	.23830	.26799

#1	3.6182	211.11	1.1948	.05821	11.959	.79709	1.9190
#2	3.6168	211.89	1.1969	.05840	12.032	.80029	1.9118
#3	3.6160	212.55	1.1948	.05844	11.938	.79691	1.9091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.401	.38370	.50060	F 28.489	1.9294	.74557	5.1377
Stddev	.019	.00052	.01505	.084	.0368	.00512	.0187
%RSD	.06861	.13681	3.0063	.29529	1.9063	.68695	.36409

#1	27.416	.38362	.49768	28.496	1.9631	.74620	5.1396
#2	27.407	.38321	.48723	28.402	1.9348	.74017	5.1553
#3	27.379	.38426	.51690	28.570	1.8902	.75035	5.1181

Sample Name: K3052-01MSD Acquired: 5/28/2019 17:18:23 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34851	F 15.00	1.3972	1.4101	F<.00000
Stddev	.00170	.01	.0090	.0901	1.3913
%RSD	.48785	.0417	.64231	6.3882	8.7925
#1	.35044	15.01	1.4072	1.4594	-14.318
#2	.34725	15.01	1.3943	1.4647	-16.091
#3	.34783	14.99	1.3899	1.3061	-17.062
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.0	48109.	4717.2	38.293	2827.9
Stddev	3.4	87.	30.7	1.101	6.1
%RSD	.09400	.18049	.65082	2.8746	.21581
#1	3647.1	48101.	4683.0	37.065	2822.3
#2	3653.2	48026.	4726.2	38.627	2827.0
#3	3652.9	48199.	4742.4	39.189	2834.4

Sample Name: K3052-01A Acquired: 5/28/2019 17:22:41 Type: Unk
Method: P4-ICP2(v3152) 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	.75720	1.9057	4.4226	1.7136	.15362	122.86	1.3446
Stddev	.00280	.0111	.0189	.0052	.00102	.80	.0137
%RSD	.36913	.58417	.42768	.30057	.66327	.65334	1.0164

#1	.75960	1.9185	4.4040	1.7162	.15318	122.16	1.3295
#2	.75413	1.9001	4.4418	1.7169	.15479	123.74	1.3561
#3	.75786	1.8984	4.4219	1.7076	.15291	122.68	1.3483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19311	.19769	666.59	1.0892	.32416	.77386	187.08
Stddev	.00048	.00128	3.01	.0033	.00025	.00122	1.34
%RSD	.24882	.64602	.45107	.29946	.07715	.15703	.71445

#1	.19359	.19644	664.17	1.0862	.32395	.77391	185.77
#2	.19310	.19763	665.65	1.0886	.32410	.77262	188.44
#3	.19263	.19899	669.96	1.0927	.32444	.77505	187.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7010	218.67	1.1317	.05728	12.257	.79467	1.8306
Stddev	.0032	2.25	.0013	.00077	.099	.00217	.0093
%RSD	.08670	1.0298	.11338	1.3396	.80383	.27317	.50901

#1	3.6983	216.08	1.1308	.05640	12.146	.79548	1.8217
#2	3.7002	220.18	1.1332	.05763	12.334	.79221	1.8403
#3	3.7045	219.75	1.1311	.05782	12.291	.79631	1.8298

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.765	.36458	.50935	F 29.155	1.8893	.75738	5.1564
Stddev	.251	.00070	.01271	.067	.0169	.00237	.0120
%RSD	.90225	.19308	2.4953	.22903	.89259	.31288	.23284

#1	27.475	.36414	.49468	29.108	1.9007	.75595	5.1428
#2	27.914	.36539	.51629	29.231	1.8700	.75607	5.1657
#3	27.904	.36421	.51707	29.125	1.8974	.76011	5.1606

Sample Name: K3052-01A Acquired: 5/28/2019 17:22:41 Type: Unk
 Method: P4-ICP2(v3152) 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	.34405	F 14.66	1.4385	1.4995	F<.00000
Stddev	.00143	.01	.0026	.0412	.31702
%RSD	.41705	.0422	.17920	2.7500	2.1145
#1	.34531	14.65	1.4362	1.5218	-15.237
#2	.34435	14.66	1.4382	1.4519	-14.634
#3	.34249	14.66	1.4413	1.5248	-15.106
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.3	48049.	4723.3	38.576	2839.7
Stddev	21.7	130.	18.4	1.549	12.0
%RSD	.59272	.27129	.38920	4.0152	.42367
#1	3669.6	48168.	4705.1	36.835	2845.9
#2	3639.2	47910.	4741.8	39.088	2825.8
#3	3681.2	48067.	4723.1	39.803	2847.4

Sample Name: K3052-03 Acquired: 5/28/2019 17:26:59 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04952	-.01236	.92957	-.01102	.00815	117.04	.93115
Stddev	.00071	.00020	.00143	.00129	.00247	.92	.00749
%RSD	1.4292	1.6580	.15349	11.682	30.248	.78424	.80386

#1	.04960	-.01249	.92869	-.01004	.00565	116.03	.92292
#2	.05018	-.01213	.92880	-.01055	.01058	117.26	.93299
#3	.04877	-.01247	.93121	-.01248	.00822	117.83	.93754

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01397	.00204	609.96	.25921	.12931	.52505	189.26
Stddev	.00017	.00027	3.38	.00072	.00034	.00104	.68
%RSD	1.1887	13.197	.55334	.27837	.26141	.19836	.36103

#1	.01394	.00197	607.23	.25892	.12914	.52557	189.20
#2	.01382	.00182	608.91	.26003	.12909	.52573	189.97
#3	.01415	.00234	613.73	.25868	.12970	.52385	188.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5405	187.20	.51747	-.01055	8.5579	.52048	1.7168
Stddev	.0038	1.31	.00126	.00046	.0439	.00308	.0032
%RSD	.10781	.69872	.24361	4.4073	.51242	.59107	.18557

#1	3.5365	185.82	.51893	-.01068	8.5092	.51951	1.7204
#2	3.5441	187.38	.51684	-.01003	8.5703	.51800	1.7153
#3	3.5409	188.42	.51666	-.01093	8.5942	.52392	1.7146

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.052	.00921	.33326	F 27.714	1.2627	.05144	4.4803
Stddev	.136	.00011	.01407	.086	.0159	.00108	.0288
%RSD	.79485	1.2148	4.2208	.31042	1.2612	2.0913	.64316

#1	16.901	.00925	.34916	27.736	1.2680	.05045	4.4472
#2	17.089	.00908	.32817	27.786	1.2448	.05128	4.4998
#3	17.165	.00930	.32244	27.619	1.2752	.05258	4.4940

Sample Name: K3052-03 Acquired: 5/28/2019 17:26:59 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-007 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17070	9.259	1.2575	.83565	F<.00000
Stddev	.00093	.019	.0068	.03312	.75031
%RSD	.54766	.2017	.54110	3.9639	4.7975
#1	.17140	9.245	1.2535	.83099	-16.105
#2	.17107	9.280	1.2537	.87086	-16.040
#3	.16964	9.252	1.2654	.80511	-14.774
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.0	48842.	4834.9	37.367	2868.0
Stddev	7.2	45.	17.5	.720	5.8
%RSD	.19275	.09283	.36175	1.9265	.20142
#1	3725.3	48830.	4815.2	37.629	2865.1
#2	3726.4	48803.	4840.8	37.920	2864.3
#3	3738.3	48891.	4848.7	36.553	2874.7

Sample Name: CCV06 Acquired: 5/28/2019 17:31:23 Type: Unk
Method: P4-ICP2(v3152) 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	5.1633	4.9997	4.8460	5.1226	4.9915	9.8384	10.104	.24845
Stddev	.0094	.0104	.0125	.0140	.0092	.0411	.026	.00091
%RSD	.18234	.20908	.25745	.27331	.18531	.41829	.26230	.36526
#1	5.1645	5.0099	4.8604	5.1277	5.0008	9.8841	10.086	.24950
#2	5.1721	4.9890	4.8388	5.1068	4.9913	9.8042	10.135	.24792
#3	5.1534	5.0003	4.8388	5.1334	4.9823	9.8270	10.092	.24794
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4499	25.258	1.0001	2.4432	1.2405	4.9919	2.4924	25.108
Stddev	.0063	.122	.0023	.0043	.0003	.0103	.0005	.093
%RSD	.25784	.48459	.22837	.17449	.02739	.20574	.02047	.36857
#1	2.4572	25.119	.99763	2.4478	1.2406	4.9830	2.4929	25.036
#2	2.4459	25.305	1.0021	2.4395	1.2408	4.9897	2.4919	25.213
#3	2.4466	25.350	1.0006	2.4422	1.2402	5.0031	2.4923	25.076
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4867	1.2820	25.053	2.5217	2.4224	25.504	5.1542	5.0382
Stddev	.0058	.0024	.021	.0013	.0056	.059	.0065	.0470
%RSD	.23424	.18560	.08358	.05187	.22917	.23065	.12696	.93227
#1	2.4933	1.2815	25.029	2.5206	2.4288	25.440	5.1614	5.0924
#2	2.4824	1.2798	25.067	2.5214	2.4197	25.517	5.1524	5.0086
#3	2.4843	1.2845	25.064	2.5231	2.4186	25.555	5.1487	5.0136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1619	5.0645	5.0087	5.0873	5.0152	5.177	5.0888	F 3.3559
Stddev	.0120	.0422	.0043	.0209	.0355	.014	.0293	.1252
%RSD	.23203	.83348	.08504	.41033	.70793	.2714	.57575	3.7298
#1	5.1693	5.0288	5.0113	5.0737	4.9817	5.175	5.0632	3.3263
#2	5.1481	5.0536	5.0038	5.0768	5.0115	5.164	5.0824	3.2481
#3	5.1684	5.1111	5.0111	5.1113	5.0524	5.192	5.1207	3.4932

Sample Name: CCV06 Acquired: 5/28/2019 17:31:23 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9357
Stddev	.1628
%RSD	8.4102

#1	1.8273
#2	2.1229
#3	1.8569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.8	44012.	4008.7	40.952	3364.9
Stddev	11.5	111.	17.5	.379	12.4
%RSD	.33810	.25131	.43555	.92434	.36918

#1	3397.2	43885.	4014.4	41.321	3352.4
#2	3403.5	44071.	4022.7	40.971	3365.1
#3	3419.5	44081.	3989.1	40.564	3377.2

Sample Name: CCB06 Acquired: 5/28/2019 17:35:30 Type: Unk
Method: P4-ICP2(v3152) 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	.00126	.00214	.00053	.00183	.00073	-.01762	.00058	.00001
Stddev	.00296	.00100	.00008	.00060	.00097	.00344	.00038	.00003
%RSD	234.63	46.535	15.705	32.539	131.75	19.540	65.632	402.24
#1	-.00189	.00112	.00058	.00150	-.00032	-.01665	.00102	.00004
#2	.00398	.00219	.00043	.00148	.00093	-.01476	.00036	-.00000
#3	.00170	.00311	.00058	.00252	.00158	-.02144	.00037	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00122	.00018	-.00006	-.00028	-.00142	.00007	-.00838
Stddev	.00001	.00954	.00029	.00017	.00006	.00058	.00004	.03113
%RSD	8.6563	780.50	160.60	263.98	19.741	40.865	66.999	371.55
#1	.00006	.00764	.00035	-.00010	-.00032	-.00110	.00007	.01683
#2	.00007	-.01133	-.00016	.00012	-.00031	-.00108	.00002	-.04317
#3	.00007	.00002	.00036	-.00021	-.00022	-.00209	.00011	.00120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00016	-.02426	.00016	.00003	.01087	.00043	-.01004
Stddev	.00019	.00021	.00950	.00027	.00007	.01589	.00028	.03053
%RSD	401.19	133.24	39.166	171.31	234.67	146.14	64.760	304.01
#1	.00010	.00030	-.01437	.00042	.00011	.02921	.00045	-.03607
#2	-.00016	.00026	-.03332	-.00012	-.00000	.00123	.00071	-.01762
#3	.00021	-.00009	-.02511	.00017	-.00002	.00218	.00014	.02356
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01704	-.00150	-.00112	.00390	-.00069	.0037	.00024	F 2.2097
Stddev	.00265	.00026	.00052	.00215	.00164	.0001	.00003	.0488
%RSD	15.567	17.339	46.119	55.202	236.25	1.903	10.903	2.2083
#1	.01929	-.00170	-.00059	.00502	-.00142	.0036	.00024	2.2632
#2	.01411	-.00158	-.00115	.00142	-.00185	.0037	.00027	2.1677
#3	.01773	-.00121	-.00162	.00525	.00118	.0037	.00022	2.1982

Sample Name: CCB06 Acquired: 5/28/2019 17:35:30 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3589
Stddev .3329
%RSD 14.111

#1 2.0751
#2 2.2764
#3 2.7253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.0	46074.	4028.5	41.752	3772.9
Stddev	5.8	106.	37.5	1.312	9.2
%RSD	.16245	.23053	.93135	3.1427	.24370

#1	3554.6	46118.	3988.4	40.377	3764.3
#2	3562.4	45953.	4062.7	42.991	3782.6
#3	3565.8	46151.	4034.4	41.889	3772.0

Sample Name: K3065-02 Acquired: 5/28/2019 17:39:58 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03783	-.00277	.39047	.00383	.00446	75.003	.42643
Stddev	.00235	.00178	.00157	.00144	.00068	.184	.00254
%RSD	6.2230	64.205	.40186	37.511	15.296	.24562	.59545

#1	.03629	-.00205	.39205	.00217	.00523	74.792	.42365
#2	.04054	-.00146	.38891	.00462	.00396	75.132	.42700
#3	.03665	-.00479	.39046	.00471	.00418	75.084	.42863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01183	-.00336	70.123	.18409	.10573	.24859	162.43
Stddev	.00007	.00007	.416	.00012	.00038	.00050	.23
%RSD	.59318	2.0699	.59349	.06468	.35556	.20272	.14380

#1	.01191	-.00328	69.649	.18414	.10580	.24819	162.33
#2	.01178	-.00339	70.426	.18416	.10607	.24843	162.69
#3	.01179	-.00341	70.295	.18395	.10532	.24916	162.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6145	41.668	.76245	-.00026	8.3393	.23577	.66520
Stddev	.0074	.412	.00144	.00039	.0427	.00145	.00086
%RSD	.20491	.98868	.18881	145.38	.51142	.61304	.12869

#1	3.6140	41.367	.76383	.00013	8.2918	.23422	.66592
#2	3.6221	41.500	.76096	-.00029	8.3519	.23600	.66543
#3	3.6073	42.137	.76255	-.00063	8.3742	.23708	.66425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.785	.00092	.16766	1.9417	3.1656	.02159	2.2957
Stddev	.049	.00014	.01886	.0064	.0300	.00059	.0135
%RSD	.45130	15.507	11.249	.33161	.94697	2.7495	.58605

#1	10.731	.00097	.18552	1.9458	3.1595	.02090	2.2856
#2	10.827	.00103	.14794	1.9451	3.1391	.02195	2.3109
#3	10.796	.00076	.16951	1.9343	3.1981	.02191	2.2904

Sample Name: K3065-02 Acquired: 5/28/2019 17:39:58 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11413	4.279	.23373	.78885	F<.00000
Stddev	.00087	.001	.00196	.11157	.82401
%RSD	.75838	.0326	.83833	14.143	6.6826

#1	.11384	4.278	.23149	.89624	-13.137
#2	.11511	4.281	.23453	.79679	-11.490
#3	.11345	4.279	.23516	.67353	-12.365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3807.0	49382.	4577.2	40.595	3335.0
Stddev	3.7	147.	11.8	1.769	3.9
%RSD	.09841	.29703	.25769	4.3577	.11837

#1	3807.3	49215.	4564.3	42.638	3333.0
#2	3803.2	49445.	4580.0	39.564	3332.5
#3	3810.7	49488.	4587.4	39.584	3339.5

Sample Name: K3065-04 Acquired: 5/28/2019 17:44:15 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03197	-.00989	.88382	-.00418	.00391	102.55	.63555
Stddev	.00279	.00211	.00302	.00106	.00071	.46	.00402
%RSD	8.7415	21.283	.34133	25.276	18.189	.44446	.63252

#1	.03280	-.01025	.88169	-.00485	.00438	102.26	.63507
#2	.02885	-.01180	.88250	-.00296	.00309	102.31	.63179
#3	.03426	-.00763	.88727	-.00473	.00424	103.07	.63979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00919	.00365	501.61	.16689	.08720	.30914	121.15
Stddev	.00009	.00015	2.73	.00110	.00014	.00078	.96
%RSD	1.0036	3.9833	.54391	.66051	.15886	.25216	.79531

#1	.00908	.00355	498.82	.16734	.08736	.30969	121.74
#2	.00924	.00382	501.73	.16563	.08713	.30949	120.04
#3	.00924	.00359	504.28	.16769	.08712	.30825	121.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3860	68.688	.79126	-.00511	40.982	.21599	.78335
Stddev	.0296	.679	.00037	.00019	.188	.00069	.00285
%RSD	.67380	.98831	.04701	3.6477	.45786	.31803	.36443

#1	4.3655	68.700	.79085	-.00498	41.013	.21577	.78523
#2	4.4199	68.003	.79156	-.00503	40.781	.21676	.78006
#3	4.3726	69.361	.79139	-.00532	41.152	.21544	.78474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6500	.00147	.14126	3.5528	2.2587	.06379	3.6719
Stddev	.0359	.00018	.01360	.0112	.0256	.00053	.0303
%RSD	.53970	12.296	9.6257	.31546	1.1322	.83753	.82515

#1	6.6459	.00168	.15297	3.5414	2.2303	.06330	3.6390
#2	6.6164	.00137	.12635	3.5638	2.2658	.06436	3.6781
#3	6.6878	.00136	.14447	3.5532	2.2800	.06372	3.6987

Sample Name: K3065-04 Acquired: 5/28/2019 17:44:15 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11991	5.336	1.5269	2.3172	F<.00000
Stddev	.00035	.009	.0088	.3151	.37823
%RSD	.29239	.1609	.57675	13.599	21.826

#1	.12019	5.345	1.5168	2.0447	-1.3508
#2	.11951	5.336	1.5310	2.6623	-1.7408
#3	.12002	5.328	1.5330	2.2447	-2.1072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3455.7	44712.	4354.8	39.245	3032.6
Stddev	19.9	109.	18.5	.641	19.1
%RSD	.57601	.24318	.42492	1.6345	.62844

#1	3437.3	44606.	4371.7	38.886	3018.1
#2	3476.8	44823.	4335.1	39.986	3054.2
#3	3453.0	44708.	4357.8	38.864	3025.5

Sample Name: K3065-06 Acquired: 5/28/2019 17:48:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04235	-.01106	1.1530	-.00333	.00570	102.63	.82442
Stddev	.00091	.00302	.0061	.00152	.00261	.80	.00595
%RSD	2.1415	27.334	.53171	45.561	45.860	.77680	.72177

#1	.04339	-.01250	1.1545	-.00182	.00687	101.72	.81787
#2	.04198	-.00758	1.1463	-.00330	.00752	102.93	.82591
#3	.04169	-.01308	1.1583	-.00485	.00270	103.23	.82948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01069	.00759	652.00	.17886	.10124	.33649	147.09
Stddev	.00013	.00020	3.68	.00063	.00069	.00018	.93
%RSD	1.2457	2.6174	.56506	.34953	.67880	.05469	.63287

#1	.01067	.00746	650.62	.17919	.10105	.33637	147.11
#2	.01083	.00750	649.21	.17814	.10200	.33641	148.02
#3	.01057	.00782	656.17	.17925	.10067	.33671	146.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1958	124.07	.75604	-.00660	40.455	.48731	1.9236
Stddev	.0057	.83	.00087	.00027	.204	.00047	.0046
%RSD	.17706	.66645	.11559	4.1596	.50361	.09611	.23867

#1	3.1903	123.34	.75704	-.00686	40.252	.48678	1.9289
#2	3.2016	123.90	.75565	-.00631	40.455	.48748	1.9205
#3	3.1957	124.96	.75543	-.00662	40.659	.48768	1.9214

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.017	.00530	.18266	F 13.220	1.5071	.03955	4.0986
Stddev	.098	.00008	.00556	.040	.0089	.00041	.0271
%RSD	.88881	1.5978	3.0457	.30092	.58768	1.0253	.66106

#1	10.914	.00521	.17627	13.186	1.5160	.03985	4.0786
#2	11.027	.00532	.18642	13.264	1.4983	.03909	4.0878
#3	11.110	.00538	.18529	13.209	1.5070	.03971	4.1295

Sample Name: K3065-06 Acquired: 5/28/2019 17:48:47 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12403	5.705	2.0661	1.9128	F<.00000
Stddev	.00034	.016	.0140	.1189	.51157
%RSD	.27144	.2782	.67505	6.2182	10.631

#1	.12438	5.689	2.0611	1.8101	-4.5455
#2	.12371	5.705	2.0554	1.8850	-4.4888
#3	.12400	5.720	2.0819	2.0431	-5.4019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.1	46419.	4576.2	38.501	2901.5
Stddev	8.7	115.	11.3	1.004	8.2
%RSD	.24383	.24733	.24661	2.6068	.28207

#1	3554.0	46471.	4563.6	37.679	2892.7
#2	3561.1	46287.	4585.4	38.205	2902.9
#3	3571.3	46498.	4579.5	39.620	2908.9

Sample Name: K3065-08 Acquired: 5/28/2019 17:53:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03323	-.00151	.14822	-.00536	.00193	103.01	2.3306
Stddev	.00206	.00197	.00237	.00387	.00147	.79	.0141
%RSD	6.1857	130.78	1.6022	72.161	76.195	.76329	.60381

#1	.03274	-.00276	.14721	-.00829	.00336	102.16	2.3145
#2	.03548	.00076	.14652	-.00097	.00201	103.16	2.3371
#3	.03146	-.00253	.15093	-.00683	.00042	103.71	2.3403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01657	-.00230	31.491	.43055	.37095	.26876	214.06
Stddev	.00008	.00001	.079	.00093	.00264	.00155	1.03
%RSD	.45835	.40385	.24968	.21524	.71277	.57585	.48317

#1	.01649	-.00230	31.540	.43007	.36860	.26866	213.24
#2	.01664	-.00231	31.401	.42996	.37044	.26727	213.72
#3	.01659	-.00230	31.534	.43162	.37381	.27036	215.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6518	274.44	5.5908	-.00956	7.7108	.30265	.72729
Stddev	.0046	2.50	.0296	.00018	.0437	.00019	.00499
%RSD	.17194	.90945	.52903	1.8851	.56679	.06382	.68638

#1	2.6557	271.94	5.5925	-.00955	7.6621	.30248	.72742
#2	2.6529	274.44	5.5604	-.00975	7.7238	.30286	.72223
#3	2.6468	276.93	5.6195	-.00939	7.7466	.30262	.73221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.481	.01132	.18829	F 21.583	2.9136	.00484	2.1376
Stddev	.054	.00008	.02064	.110	.0253	.00060	.0097
%RSD	.46858	.68639	10.960	.51135	.86979	12.380	.45358

#1	11.419	.01141	.19645	21.470	2.9072	.00456	2.1328
#2	11.514	.01126	.16483	21.588	2.9415	.00443	2.1313
#3	11.511	.01130	.20361	21.690	2.8920	.00552	2.1488

Sample Name: K3065-08 Acquired: 5/28/2019 17:53:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20617	4.795	-.06798	.15040	F<.00000
Stddev	.00163	.028	.00053	.17077	.45834
%RSD	.78916	.5885	.77941	113.55	1.8621
#1	.20440	4.766	-.06764	.32522	-24.105
#2	.20651	4.795	-.06772	.14199	-24.994
#3	.20760	4.823	-.06859	-.01601	-24.743
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.5	50827.	4873.7	40.299	3118.7
Stddev	18.1	85.	30.2	.571	11.2
%RSD	.46462	.16647	.61919	1.4161	.35941
#1	3882.4	50924.	4839.3	40.412	3116.6
#2	3914.4	50793.	4886.1	39.681	3130.9
#3	3883.7	50765.	4895.7	40.805	3108.7

Sample Name: K3065-10 Acquired: 5/28/2019 17:57:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-13-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01877	-.00403	.24724	.00336	.00341	60.191	.28408
Stddev	.00317	.00059	.00074	.00126	.00023	.041	.00051
%RSD	16.901	14.750	.29899	37.532	6.7131	.06815	.18003

#1	.01560	-.00345	.24662	.00227	.00367	60.153	.28458
#2	.01878	-.00399	.24705	.00306	.00329	60.234	.28356
#3	.02195	-.00464	.24806	.00474	.00327	60.186	.28410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01032	-.00376	8.9180	.16535	.11915	.23202	151.20
Stddev	.00009	.00013	.1045	.00199	.00045	.00037	.44
%RSD	.90415	3.5577	1.1713	1.2013	.37897	.15963	.29105

#1	.01022	-.00368	8.8006	.16310	.11923	.23187	150.86
#2	.01034	-.00392	8.9525	.16606	.11955	.23176	151.70
#3	.01040	-.00369	9.0008	.16688	.11866	.23245	151.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6205	48.564	1.3234	-.00534	9.2676	.22058	.43945
Stddev	.0010	.259	.0013	.00037	.0172	.00149	.00079
%RSD	.06413	.53385	.09770	7.0193	.18583	.67468	.17883

#1	1.6195	48.378	1.3249	-.00577	9.2480	.22099	.44021
#2	1.6216	48.454	1.3226	-.00511	9.2743	.22182	.43951
#3	1.6205	48.860	1.3227	-.00513	9.2804	.21893	.43864

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0166	-.00017	.12846	1.9986	1.1468	.00661	2.1895
Stddev	.0141	.00007	.00225	.0020	.0098	.00094	.0112
%RSD	.17595	43.034	1.7535	.10035	.85495	14.199	.51062

#1	8.0159	-.00018	.12687	1.9977	1.1355	.00707	2.1766
#2	8.0029	-.00023	.12748	2.0009	1.1536	.00553	2.1946
#3	8.0310	-.00009	.13104	1.9972	1.1512	.00724	2.1972

Sample Name: K3065-10 Acquired: 5/28/2019 17:57:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-13-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10955	2.289	-.10662	.66148	F<.00000
Stddev	.00167	.009	.00039	.05644	.10473
%RSD	1.5225	.4047	.36838	8.5330	.91828

#1	.10900	2.286	-.10660	.71149	-11.470
#2	.11143	2.300	-.10702	.60028	-11.460
#3	.10823	2.282	-.10624	.67265	-11.284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.8	50870.	4657.9	40.168	3406.2
Stddev	3.1	45.	20.9	1.045	3.4
%RSD	.07847	.08917	.44926	2.6007	.09942

#1	3919.3	50833.	4674.8	39.060	3402.4
#2	3913.4	50920.	4664.3	40.309	3407.6
#3	3914.7	50855.	4634.5	41.135	3408.7

Sample Name: K3065-12 Acquired: 5/28/2019 18:01:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03057	-.01010	.13702	-.00783	.00099	90.510	.72526
Stddev	.00193	.00233	.00166	.00184	.00264	.337	.00269
%RSD	6.3082	23.113	1.2147	23.507	265.85	.37239	.37130

#1	.03097	-.01267	.13632	-.00602	.00395	90.151	.72219
#2	.02847	-.00811	.13892	-.00970	-.00112	90.819	.72723
#3	.03226	-.00952	.13582	-.00777	.00014	90.561	.72636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01957	-.00110	25.107	.70807	.53561	.31980	230.82
Stddev	.00017	.00031	.077	.00117	.00130	.00091	1.49
%RSD	.88624	28.610	.30734	.16517	.24184	.28489	.64487

#1	.01947	-.00121	25.023	.70853	.53694	.32076	230.44
#2	.01947	-.00075	25.123	.70674	.53555	.31969	229.56
#3	.01977	-.00135	25.175	.70894	.53435	.31895	232.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7876	80.718	6.6394	-.01245	2.4305	.26449	.78797
Stddev	.0164	.058	.0189	.00019	.0107	.00125	.00275
%RSD	.43173	.07127	.28408	1.5259	.43875	.47226	.34852

#1	3.7767	80.683	6.6214	-.01233	2.4186	.26593	.78574
#2	3.7797	80.784	6.6591	-.01235	2.4392	.26386	.79104
#3	3.8064	80.686	6.6377	-.01267	2.4338	.26369	.78714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.862	-.00153	.18826	.88499	4.1323	.01362	3.2856
Stddev	.079	.00040	.00874	.00374	.0580	.00061	.0116
%RSD	.44061	26.299	4.6423	.42258	1.4026	4.4927	.35311

#1	17.776	-.00107	.18735	.88921	4.1817	.01325	3.2734
#2	17.881	-.00173	.18002	.88209	4.0685	.01432	3.2869
#3	17.930	-.00179	.19743	.88368	4.1467	.01327	3.2965

Sample Name: K3065-12 Acquired: 5/28/2019 18:01:55 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20830	9.498	-.14543	<.00000	F<.00000
Stddev	.00031	.008	.00139	.05655	.87674
%RSD	.15009	.0799	.95290	3.1565	2.9357
#1	.20866	9.506	-.14511	-1.7741	-29.628
#2	.20810	9.495	-.14423	-1.8548	-30.836
#3	.20813	9.492	-.14694	-1.7457	-29.131
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4257.6	55351.	5143.7	39.798	3250.3
Stddev	7.7	197.	29.0	1.245	9.7
%RSD	.18046	.35641	.56430	3.1272	.29993
#1	4264.1	55169.	5117.9	41.130	3259.4
#2	4249.1	55560.	5175.1	39.600	3240.0
#3	4259.6	55323.	5138.1	38.665	3251.4

Sample Name: K3068-01 Acquired: 5/28/2019 18:06:29 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1N(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07780	-.00541	8.5700	-.00654	.01045	165.12	3.1741
Stddev	.00125	.00239	.0190	.00163	.00060	1.59	.0307
%RSD	1.6111	44.162	.22151	24.990	5.7274	.96364	.96669

#1	.07739	-.00325	8.5676	-.00613	.01029	163.28	3.1402
#2	.07921	-.00797	8.5901	-.00515	.01111	165.96	3.2001
#3	.07680	-.00500	8.5524	-.00834	.00994	166.10	3.1820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02089	.00667	96.505	.58269	.18695	.96937	241.56
Stddev	.00027	.00009	.754	.00150	.00044	.00092	.46
%RSD	1.3145	1.3023	.78178	.25783	.23602	.09457	.19080

#1	.02071	.00659	96.015	.58121	.18644	.96898	241.60
#2	.02076	.00676	96.126	.58421	.18724	.97041	241.08
#3	.02121	.00665	97.374	.58264	.18717	.96871	242.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9883	54.506	.58293	-.00680	3.1082	.47687	2.8369
Stddev	.0084	.518	.00169	.00039	.0246	.00374	.0037
%RSD	.11998	.94991	.28987	5.7276	.79274	.78439	.13057

#1	6.9894	53.919	.58255	-.00692	3.0806	.47602	2.8363
#2	6.9794	54.896	.58478	-.00711	3.1280	.48096	2.8409
#3	6.9961	54.705	.58146	-.00636	3.1160	.47362	2.8335

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.868	.01133	.36115	5.6414	3.6152	.13158	2.8309
Stddev	.169	.00007	.00811	.0062	.0727	.00116	.0201
%RSD	1.0659	.59264	2.2460	.11022	2.0107	.88298	.70866

#1	15.707	.01131	.36676	5.6377	3.6953	.13192	2.8099
#2	16.044	.01141	.36485	5.6486	3.5534	.13253	2.8329
#3	15.854	.01128	.35185	5.6380	3.5969	.13028	2.8499

Sample Name: K3068-01 Acquired: 5/28/2019 18:06:29 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1N(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23687	9.377	.36913	<.00000	F<.00000
Stddev	.00156	.009	.00426	.03371	1.0804
%RSD	.65692	.0921	1.1538	2.5262	3.2426

#1	.23607	9.368	.36646	-1.2964	-32.261
#2	.23587	9.378	.36689	-1.3468	-33.274
#3	.23866	9.385	.37405	-1.3603	-34.421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4116.1	53612.	5102.4	40.075	3191.7
Stddev	12.8	35.	49.1	1.052	9.3
%RSD	.31000	.06572	.96279	2.6245	.29283

#1	4116.7	53646.	5080.7	40.231	3187.6
#2	4103.0	53615.	5158.6	38.954	3185.1
#3	4128.5	53576.	5067.9	41.040	3202.4

Sample Name: K3068-02 Acquired: 5/28/2019 18:11:02 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14949	-.00028	10.084	.01040	.01087	151.99	3.0625
Stddev	.00197	.00055	.022	.00334	.00083	.70	.0093
%RSD	1.3195	199.39	.21738	32.157	7.6553	.46198	.30377

#1	.14983	-.00091	10.060	.01420	.01183	151.29	3.0535
#2	.14737	-.00007	10.088	.00909	.01043	151.98	3.0618
#3	.15127	.00014	10.103	.00790	.01036	152.69	3.0721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01608	.00315	108.71	.19309	.10302	3.3899	185.26
Stddev	.00020	.00009	.47	.00050	.00030	.0023	.75
%RSD	1.2536	2.9382	.43012	.25932	.29077	.06893	.40544

#1	.01585	.00325	108.52	.19277	.10319	3.3923	185.83
#2	.01622	.00307	108.36	.19284	.10267	3.3877	185.54
#3	.01616	.00314	109.24	.19367	.10320	3.3897	184.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5609	43.863	.23862	.04055	2.9014	.34942	2.4988
Stddev	.0406	.309	.00030	.00032	.0058	.00118	.0057
%RSD	.72999	.70353	.12751	.77829	.19968	.33782	.22971

#1	5.5583	43.592	.23866	.04036	2.8947	.34868	2.4924
#2	5.5216	43.799	.23830	.04038	2.9043	.34880	2.5036
#3	5.6027	44.199	.23891	.04092	2.9052	.35078	2.5005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.258	.00607	.21640	9.5047	2.8149	.20516	1.9241
Stddev	.016	.00022	.00497	.0222	.0253	.00122	.0083
%RSD	.12776	3.5455	2.2967	.23380	.89951	.59355	.43016

#1	12.247	.00606	.22003	9.5303	2.8435	.20458	1.9212
#2	12.250	.00586	.21845	9.4914	2.8061	.20434	1.9176
#3	12.276	.00629	.21074	9.4923	2.7952	.20656	1.9334

Sample Name: K3068-02 Acquired: 5/28/2019 18:11:02 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19213	F 19.25	.43887	<.00000	F<.00000
Stddev	.00134	.04	.00349	.08189	1.2796
%RSD	.69911	.2311	.79476	10.351	5.9805
#1	.19251	19.21	.43736	-.75963	-21.817
#2	.19324	19.29	.43639	-.72961	-22.413
#3	.19063	19.27	.44286	-.88405	-19.959
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4088.2	53186.	5116.6	42.241	3261.9
Stddev	3.6	215.	39.0	.263	6.2
%RSD	.08873	.40464	.76219	.62245	.18973
#1	4084.1	52967.	5081.8	42.442	3268.0
#2	4089.6	53398.	5158.7	41.944	3255.6
#3	4090.9	53194.	5109.2	42.339	3262.0

Sample Name: K3068-02DUP Acquired: 5/28/2019 18:15:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14839	-.00187	9.8287	.00933	.00968	148.77	2.9935
Stddev	.00266	.00149	.0283	.00344	.00132	.81	.0110
%RSD	1.7916	79.707	.28754	36.878	13.600	.54252	.36720

#1	.15100	-.00092	9.8518	.00861	.01065	147.85	2.9808
#2	.14849	-.00110	9.7972	.00631	.00818	149.32	3.0000
#3	.14568	-.00359	9.8371	.01307	.01021	149.15	2.9997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01585	.00318	107.35	.19123	.10268	3.3568	184.55
Stddev	.00037	.00009	.69	.00028	.00046	.0126	.44
%RSD	2.3512	2.8156	.64424	.14529	.44665	.37523	.23993

#1	.01549	.00317	106.60	.19123	.10248	3.3673	184.72
#2	.01583	.00328	107.50	.19095	.10235	3.3428	184.05
#3	.01623	.00310	107.96	.19151	.10320	3.3602	184.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4988	43.257	.23765	.04035	2.8861	.34963	2.4798
Stddev	.0159	.182	.00028	.00058	.0064	.00084	.0048
%RSD	.28929	.42113	.11616	1.4304	.22188	.23901	.19483

#1	5.5169	43.078	.23775	.04007	2.8825	.34928	2.4844
#2	5.4925	43.251	.23786	.04101	2.8935	.35059	2.4748
#3	5.4870	43.442	.23734	.03996	2.8822	.34904	2.4803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.977	.00638	.21818	9.3575	2.8608	.20021	1.9129
Stddev	.038	.00024	.00876	.0145	.0596	.00057	.0112
%RSD	.31424	3.7275	4.0138	.15471	2.0833	.28521	.58769

#1	11.933	.00616	.20916	9.3486	2.7965	.19972	1.9007
#2	11.998	.00663	.22665	9.3742	2.8720	.20084	1.9229
#3	11.999	.00635	.21873	9.3497	2.9141	.20007	1.9152

Sample Name: K3068-02DUP Acquired: 5/28/2019 18:15:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18919	F 19.10	.43296	<.00000	F<.00000
Stddev	.00155	.03	.00391	.12850	.14600
%RSD	.81691	.1452	.90338	24.121	.71327
#1	.18784	19.12	.42854	-.44594	-20.637
#2	.19087	19.07	.43435	-.68036	-20.390
#3	.18885	19.12	.43598	-.47192	-20.379
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.7	53692.	5147.1	41.480	3267.3
Stddev	19.3	64.	9.4	.967	10.5
%RSD	.47230	.11944	.18332	2.3314	.32042
#1	4077.8	53665.	5151.8	42.319	3256.6
#2	4116.5	53645.	5153.3	41.699	3277.5
#3	4095.8	53765.	5136.2	40.422	3268.0

Sample Name: K3068-02LX5 Acquired: 5/28/2019 18:20:07 Type: Unk
Method: P4-ICP2(v3152) 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	.03550	.00188	1.9367	.00622	.00277	32.550	.65104
Stddev	.00181	.00068	.0035	.00187	.00113	.092	.00289
%RSD	5.1121	36.219	.17855	30.077	40.896	.28194	.44349

#1	.03348	.00238	1.9370	.00671	.00406	32.541	.64983
#2	.03699	.00217	1.9332	.00415	.00235	32.463	.64895
#3	.03604	.00110	1.9401	.00779	.00191	32.646	.65433

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	-.00110	25.194	.04330	.01925	.76169	48.648
Stddev	.00013	.00009	.065	.00038	.00016	.00132	.207
%RSD	3.7888	8.1891	.25950	.87860	.84429	.17265	.42554

#1	.00320	-.00105	25.125	.04338	.01918	.76320	48.568
#2	.00330	-.00104	25.255	.04363	.01944	.76107	48.493
#3	.00345	-.00120	25.200	.04288	.01914	.76079	48.883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3158	9.7064	.04489	.00996	.59218	.07909	.45857
Stddev	.0008	.0531	.00071	.00021	.00659	.00043	.00039
%RSD	.05716	.54687	1.5710	2.0638	1.1134	.54146	.08571

#1	1.3160	9.6727	.04535	.00980	.58492	.07943	.45819
#2	1.3150	9.6790	.04524	.01019	.59780	.07861	.45854
#3	1.3165	9.7676	.04408	.00990	.59382	.07923	.45898

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5812	.00127	.03871	1.7274	.69258	.03695	.44600
Stddev	.0193	.00035	.01183	.0061	.00952	.00200	.00295
%RSD	.74570	27.727	30.557	.35338	1.3752	5.4242	.66126

#1	2.5623	.00133	.05202	1.7303	.69555	.03605	.44259
#2	2.6008	.00090	.03469	1.7315	.70026	.03555	.44763
#3	2.5807	.00159	.02941	1.7204	.68192	.03924	.44776

Sample Name: K3068-02LX5 Acquired: 5/28/2019 18:20:07 Type: Unk
Method: P4-ICP2(v3152) 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	.04191	3.639	.09522	1.9811	F<.00000
Stddev	.00218	.005	.00049	.0518	.38437
%RSD	5.2083	.1468	.50941	2.6146	23.027

#1	.04037	3.645	.09534	1.9444	-1.3177
#2	.04095	3.634	.09563	1.9586	-1.6103
#3	.04441	3.637	.09469	2.0404	-2.0796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.7	47554.	4315.7	41.873	3598.1
Stddev	5.4	222.	30.7	1.925	5.8
%RSD	.14695	.46586	.71100	4.5961	.16159

#1	3669.5	47315.	4289.5	41.801	3591.4
#2	3678.5	47753.	4308.3	39.986	3600.6
#3	3679.1	47593.	4349.5	43.833	3602.2

Sample Name: CCV07 Acquired: 5/28/2019 18:24:31 Type: Unk
Method: P4-ICP2(v3152) 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	5.1741	4.9802	4.8351	5.1307	4.9946	9.8629	10.065	.24979
Stddev	.0013	.0055	.0063	.0118	.0108	.0358	.083	.00069
%RSD	.02432	.11098	.12924	.22977	.21674	.36312	.82427	.27664
#1	5.1730	4.9743	4.8280	5.1435	5.0067	9.8345	9.9707	.24979
#2	5.1739	4.9853	4.8398	5.1203	4.9909	9.8510	10.125	.24910
#3	5.1755	4.9810	4.8376	5.1282	4.9860	9.9031	10.101	.25048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4408	25.114	1.0001	2.4285	1.2365	4.9762	2.4807	24.948
Stddev	.0026	.085	.0021	.0007	.0019	.0121	.0004	.216
%RSD	.10527	.33732	.20977	.02942	.14939	.24298	.01616	.86427
#1	2.4393	25.016	1.0005	2.4280	1.2379	4.9661	2.4802	24.735
#2	2.4438	25.170	.99789	2.4293	1.2344	4.9729	2.4808	24.942
#3	2.4394	25.154	1.0020	2.4281	1.2371	4.9896	2.4810	25.167
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4742	1.2788	25.122	2.5152	2.4151	25.486	5.1515	5.0191
Stddev	.0043	.0009	.176	.0062	.0005	.176	.0081	.0745
%RSD	.17304	.07134	.69870	.24537	.01993	.69094	.15646	1.4840
#1	2.4709	1.2778	24.937	2.5094	2.4148	25.317	5.1604	4.9930
#2	2.4791	1.2796	25.143	2.5217	2.4156	25.472	5.1446	4.9612
#3	2.4727	1.2789	25.286	2.5146	2.4148	25.668	5.1494	5.1031
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1393	5.1498	4.9819	5.0814	5.0130	5.178	5.0852	F 3.1619
Stddev	.0081	.0180	.0031	.0128	.0288	.003	.0211	.1201
%RSD	.15864	.34988	.06186	.25215	.57481	.0516	.41492	3.7980
#1	5.1461	5.1526	4.9815	5.0693	5.0006	5.178	5.0634	3.1518
#2	5.1303	5.1662	4.9790	5.0948	5.0459	5.176	5.1055	3.2866
#3	5.1416	5.1305	4.9851	5.0801	4.9925	5.181	5.0867	3.0471

Sample Name: CCV07 Acquired: 5/28/2019 18:24:31 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5458
Stddev	.5297
%RSD	20.806

#1	3.0812
#2	2.0221
#3	2.5341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.3	44339.	4050.0	40.394	3395.5
Stddev	4.9	74.	13.4	.709	5.9
%RSD	.14399	.16753	.33096	1.7558	.17411

#1	3426.3	44360.	4040.7	39.856	3397.5
#2	3431.5	44400.	4043.9	41.198	3388.9
#3	3436.2	44256.	4065.3	40.130	3400.2

Sample Name: CCB07 Acquired: 5/28/2019 18:28:38 Type: Unk
Method: P4-ICP2(v3152) 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	.00286	.00144	.00016	-.00085	.00059	-.00503	.00099	.00005
Stddev	.00142	.00015	.00030	.00218	.00043	.00820	.00085	.00006
%RSD	49.664	10.621	186.77	256.79	72.788	163.25	85.688	127.60

#1	.00338	.00134	-.00013	-.00306	.00101	-.00898	.00074	-.00001
#2	.00396	.00162	.00015	.00130	.00016	-.01051	.00029	.00011
#3	.00126	.00137	.00046	-.00078	.00058	.00441	.00193	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00914	.00018	-.00004	-.00064	-.00145	.00007	-.06969
Stddev	.00011	.01808	.00010	.00019	.00008	.00084	.00003	.02269
%RSD	159.86	197.84	54.554	490.92	12.766	57.875	47.497	32.561

#1	.00017	-.02976	.00025	-.00026	-.00071	-.00059	.00007	-.04442
#2	.00008	-.00162	.00022	.00005	-.00067	-.00148	.00010	-.08832
#3	-.00004	.00397	.00007	.00010	-.00055	-.00226	.00003	-.07632

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00011	-.03041	.00020	-.00016	.02635	.00070	-.01708
Stddev	.00026	.00006	.01069	.00034	.00006	.01466	.00013	.01694
%RSD	108.23	59.853	35.155	164.09	36.718	55.643	19.142	99.159

#1	.00013	.00016	-.02683	.00036	-.00016	.02164	.00061	.00189
#2	.00054	.00013	-.02197	.00043	-.00011	.04279	.00085	-.02244
#3	.00006	.00004	-.04243	-.00018	-.00023	.01463	.00063	-.03070

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00611	.00227	-.00080	.00228	.00059	.0028	.00018	F 2.2839
Stddev	.00227	.00168	.00109	.00124	.00066	.0004	.00004	.0916
%RSD	37.172	73.983	137.15	54.675	110.92	15.68	23.169	4.0093

#1	.00682	.00393	.00012	.00366	.00126	.0033	.00019	2.2603
#2	.00795	.00230	-.00051	.00193	.00057	.0024	.00022	2.3849
#3	.00357	.00057	-.00201	.00124	-.00005	.0028	.00014	2.2063

Sample Name: CCB07 Acquired: 5/28/2019 18:28:38 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5667
Stddev .8883
%RSD 56.700

#1 2.2313
#2 .55777
#3 1.9112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.3	46679.	4086.2	41.152	3830.1
Stddev	6.0	24.	28.4	.824	7.6
%RSD	.16753	.05065	.69466	2.0028	.19781

#1	3606.4	46652.	4067.3	41.027	3821.5
#2	3605.3	46686.	4072.6	40.398	3833.3
#3	3616.3	46698.	4118.9	42.032	3835.6

Sample Name: K3068-02MS Acquired: 5/28/2019 18:33:07 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77989	1.8578	10.432	1.5176	.00776	154.74	3.0937
Stddev	.00446	.0040	.014	.0058	.00178	.85	.0153
%RSD	.57140	.21583	.13083	.38177	22.980	.55199	.49306

#1	.77584	1.8624	10.447	1.5200	.00842	154.20	3.0785
#2	.77918	1.8551	10.419	1.5109	.00911	154.29	3.0936
#3	.78467	1.8560	10.431	1.5218	.00574	155.72	3.1090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17752	.19039	110.76	.51550	.30851	3.8720	197.69
Stddev	.00045	.00026	.49	.00185	.00017	.0168	1.50
%RSD	.25627	.13427	.44559	.35917	.05395	.43407	.75650

#1	.17702	.19044	111.04	.51731	.30832	3.8597	199.06
#2	.17790	.19012	110.19	.51559	.30864	3.8652	197.91
#3	.17765	.19063	111.06	.51361	.30857	3.8911	196.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2677	46.384	.72939	.10643	5.3244	.58734	2.8501
Stddev	.0486	.111	.00154	.00025	.0217	.00116	.0013
%RSD	.77475	.23971	.21143	.23199	.40731	.19696	.04512

#1	6.3180	46.385	.72776	.10671	5.3077	.58828	2.8505
#2	6.2641	46.273	.73083	.10623	5.3166	.58605	2.8487
#3	6.2211	46.495	.72956	.10636	5.3489	.58770	2.8512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.750	.00675	.38520	9.8331	3.3758	.20926	1.9450
Stddev	.111	.00024	.01217	.0110	.0469	.00119	.0033
%RSD	.53289	3.5015	3.1589	.11171	1.3879	.56860	.16910

#1	20.659	.00656	.38918	9.8441	3.4175	.21061	1.9431
#2	20.718	.00702	.39487	9.8330	3.3251	.20839	1.9432
#3	20.873	.00669	.37154	9.8222	3.3847	.20876	1.9488

Sample Name: K3068-02MS Acquired: 5/28/2019 18:33:07 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36298	F 25.97	.59031	<.00000	F<.00000
Stddev	.00172	.03	.00577	.13770	.49841
%RSD	.47508	.1002	.97823	21.958	1.9613
#1	.36481	26.00	.59082	-.46811	-25.819
#2	.36139	25.96	.58429	-.70864	-25.561
#3	.36272	25.94	.59581	-.70451	-24.856
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.5	54048.	5144.5	41.578	3259.3
Stddev	10.0	247.	52.5	.764	2.0
%RSD	.24227	.45639	1.0199	1.8373	.06234
#1	4130.2	53769.	5084.4	41.384	3259.9
#2	4130.3	54142.	5180.8	42.420	3257.0
#3	4112.9	54235.	5168.4	40.930	3260.9

Sample Name: K3068-02MSD Acquired: 5/28/2019 18:37:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78216	1.8579	10.462	1.5248	.00714	156.74	3.1636
Stddev	.00566	.0022	.004	.0069	.00047	1.41	.0338
%RSD	.72308	.11901	.03722	.45585	6.5906	.89757	1.0669

#1	.77577	1.8559	10.467	1.5176	.00750	155.22	3.1278
#2	.78653	1.8603	10.460	1.5314	.00661	157.99	3.1948
#3	.78418	1.8575	10.460	1.5253	.00732	157.01	3.1683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17777	.19087	111.28	.51628	.30182	3.7457	196.77
Stddev	.00058	.00030	.56	.00120	.00039	.0166	1.75
%RSD	.32792	.15487	.50580	.23241	.12801	.44238	.89121

#1	.17804	.19118	110.63	.51671	.30204	3.7266	194.98
#2	.17817	.19085	111.56	.51492	.30138	3.7540	198.49
#3	.17710	.19059	111.65	.51720	.30206	3.7564	196.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9465	46.732	.73157	.10261	5.4004	.59320	2.8233
Stddev	.0647	.432	.00077	.00108	.0700	.00163	.0006
%RSD	1.0874	.92414	.10555	1.0521	1.2970	.27394	.02206

#1	5.8958	46.286	.73164	.10138	5.3254	.59134	2.8237
#2	6.0193	47.148	.73231	.10312	5.4641	.59436	2.8236
#3	5.9244	46.761	.73077	.10335	5.4117	.59389	2.8225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.832	.00653	.38751	9.9686	3.3931	.20968	1.9690
Stddev	.253	.00006	.01220	.0427	.0233	.00277	.0110
%RSD	1.2154	.91351	3.1479	.42843	.68525	1.3202	.56092

#1	20.602	.00660	.37554	9.9632	3.4181	.20656	1.9577
#2	21.103	.00649	.39992	10.014	3.3721	.21183	1.9695
#3	20.792	.00651	.38706	9.9288	3.3891	.21065	1.9798

Sample Name: K3068-02MSD Acquired: 5/28/2019 18:37:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1E(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36468	F 25.93	.59369	<.00000	F<.00000
Stddev	.00380	.05	.00151	.13093	.47747
%RSD	1.0413	.1861	.25481	15.723	1.8400

#1	.36324	25.92	.59197	-.71289	-25.717
#2	.36182	25.99	.59430	-.97246	-26.499
#3	.36899	25.89	.59481	-.81278	-25.633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.6	53865.	5165.4	41.782	3258.0
Stddev	11.8	184.	20.3	.545	2.5
%RSD	.28724	.34211	.39293	1.3033	.07761

#1	4128.3	53996.	5144.1	41.157	3255.2
#2	4113.6	53654.	5184.5	42.153	3260.2
#3	4104.9	53944.	5167.6	42.035	3258.5

Sample Name: K3068-02A Acquired: 5/28/2019 18:42:06 Type: Unk
Method: P4-ICP2(v3152) 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	.77494	1.8474	10.394	1.5154	.00766	155.00	3.1076
Stddev	.00293	.0064	.051	.0028	.00101	.21	.0071
%RSD	.37827	.34723	.49157	.18649	13.250	.13692	.22991

#1	.77626	1.8520	10.335	1.5137	.00668	154.96	3.1145
#2	.77699	1.8502	10.429	1.5187	.00871	154.81	3.1002
#3	.77158	1.8401	10.417	1.5139	.00758	155.23	3.1081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17758	.18871	111.05	.51532	.30405	3.7872	197.10
Stddev	.00036	.00098	.53	.00129	.00076	.0163	.66
%RSD	.20456	.52170	.48079	.25116	.24960	.42950	.33653

#1	.17795	.18765	110.53	.51602	.30330	3.7687	197.21
#2	.17723	.18889	111.02	.51612	.30403	3.7991	197.71
#3	.17757	.18960	111.59	.51383	.30482	3.7939	196.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1097	46.214	.72887	.10456	5.3113	.58812	2.8222
Stddev	.0042	.128	.00123	.00029	.0094	.00208	.0136
%RSD	.06889	.27603	.16845	.28070	.17675	.35441	.48187

#1	6.1067	46.189	.72746	.10484	5.3220	.58887	2.8066
#2	6.1079	46.100	.72965	.10459	5.3074	.58576	2.8306
#3	6.1145	46.351	.72951	.10425	5.3045	.58972	2.8295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.688	.00651	.40226	9.8847	3.3260	.20889	1.9428
Stddev	.018	.00028	.00480	.0174	.0143	.00074	.0191
%RSD	.08830	4.3366	1.1921	.17581	.43047	.35639	.98341

#1	20.686	.00683	.39871	9.8870	3.3322	.20929	1.9275
#2	20.670	.00629	.40036	9.9008	3.3096	.20803	1.9367
#3	20.707	.00641	.40772	9.8663	3.3360	.20935	1.9642

Sample Name: K3068-02A Acquired: 5/28/2019 18:42:06 Type: Unk
Method: P4-ICP2(v3152) 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	.36385	F 25.80	.59320	<.00000	F<.00000
Stddev	.00138	.07	.00273	.07054	.87817
%RSD	.37937	.2676	.46104	10.208	3.5841
#1	.36227	25.72	.59109	-.69390	-24.550
#2	.36442	25.84	.59223	-.76003	-25.354
#3	.36485	25.83	.59629	-.61904	-23.600
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4146.7	54093.	5132.1	40.859	3275.4
Stddev	13.7	298.	4.7	.298	12.0
%RSD	.33130	.55033	.09118	.73029	.36597
#1	4161.0	53807.	5131.8	41.118	3288.5
#2	4133.7	54070.	5127.5	40.928	3264.9
#3	4145.4	54401.	5136.9	40.533	3272.7

Sample Name: K3068-03 Acquired: 5/28/2019 18:46:37 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1S(2.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06858	-.00482	7.4065	-.00582	.01270	135.42	2.3009
Stddev	.00083	.00135	.0205	.00128	.00047	.80	.0259
%RSD	1.2140	27.929	.27627	22.068	3.7366	.59414	1.1261

#1	.06865	-.00372	7.3833	-.00620	.01267	135.24	2.2899
#2	.06938	-.00442	7.4219	-.00439	.01318	136.30	2.3305
#3	.06772	-.00633	7.4143	-.00687	.01224	134.72	2.2824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01730	.00317	387.80	.31801	.10911	.97645	215.61
Stddev	.00017	.00013	1.11	.00134	.00062	.00164	.44
%RSD	.97376	4.0952	.28693	.42266	.56369	.16798	.20335

#1	.01745	.00332	386.54	.31806	.10954	.97510	215.36
#2	.01733	.00309	388.62	.31932	.10841	.97828	216.12
#3	.01712	.00310	388.25	.31663	.10939	.97598	215.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5127	52.102	.27635	-.00248	2.8775	.35651	2.3147
Stddev	.0164	.666	.00035	.00046	.0283	.00178	.0070
%RSD	.29675	1.2777	.12773	18.689	.98426	.49948	.30216

#1	5.5037	51.623	.27608	-.00284	2.8564	.35801	2.3066
#2	5.5316	52.862	.27675	-.00196	2.9097	.35454	2.3184
#3	5.5028	51.821	.27621	-.00264	2.8666	.35698	2.3191

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.126	.00875	.26951	9.1705	2.6060	.12343	3.2136
Stddev	.165	.00018	.00710	.0319	.0387	.00050	.0138
%RSD	1.0237	2.0240	2.6328	.34840	1.4868	.40449	.42963

#1	16.010	.00864	.26580	9.2040	2.6490	.12399	3.1979
#2	16.315	.00895	.27769	9.1670	2.5738	.12302	3.2195
#3	16.052	.00865	.26504	9.1404	2.5952	.12328	3.2236

Sample Name: K3068-03 Acquired: 5/28/2019 18:46:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1S(2.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19544	8.234	.94661	.37340	F<.00000
Stddev	.00089	.015	.00193	.07920	1.0143
%RSD	.45418	.1829	.20369	21.212	4.8202

#1	.19646	8.251	.94853	.29017	-20.061
#2	.19488	8.229	.94467	.38219	-20.982
#3	.19497	8.222	.94662	.44785	-22.087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.7	49336.	4807.7	40.190	3106.5
Stddev	6.4	228.	29.4	1.302	6.2
%RSD	.16936	.46213	.61240	3.2400	.20015

#1	3795.9	49281.	4787.0	39.523	3113.4
#2	3786.2	49141.	4841.4	41.690	3104.6
#3	3783.8	49586.	4794.6	39.355	3101.4

Sample Name: K3068-04 Acquired: 5/28/2019 18:51:11 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1W(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08172	.00197	13.601	.01218	.01136	163.26	1.9956
Stddev	.00281	.00086	.073	.00214	.00256	1.13	.0113
%RSD	3.4378	43.466	.53911	17.597	22.538	.68976	.56361

#1	.08040	.00133	13.685	.01154	.01003	162.24	1.9833
#2	.08494	.00164	13.561	.01457	.01431	163.08	1.9980
#3	.07980	.00294	13.556	.01043	.00974	164.47	2.0054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01574	-.00186	34.101	.19664	.08463	.98778	191.03
Stddev	.00006	.00021	.170	.00087	.00045	.00110	.44
%RSD	.40752	11.503	.49881	.44088	.53141	.11184	.23010

#1	.01568	-.00172	33.906	.19711	.08459	.98652	191.13
#2	.01573	-.00176	34.219	.19564	.08509	.98861	190.55
#3	.01581	-.00210	34.177	.19716	.08420	.98820	191.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4201	30.843	.17069	.02956	1.3531	.32931	1.1689
Stddev	.0342	.181	.00053	.00019	.0095	.00063	.0073
%RSD	.63089	.58579	.31166	.65600	.69888	.19209	.62151

#1	5.3816	30.650	.17109	.02948	1.3437	.32900	1.1773
#2	5.4470	31.008	.17089	.02978	1.3528	.32889	1.1639
#3	5.4316	30.871	.17008	.02942	1.3626	.33004	1.1656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.253	.01135	.14179	4.3097	4.0602	.31307	1.4613
Stddev	.082	.00023	.00743	.0010	.0431	.00129	.0075
%RSD	.72933	2.0650	5.2433	.02388	1.0614	.41246	.51111

#1	11.175	.01115	.15009	4.3094	4.0288	.31451	1.4528
#2	11.338	.01161	.13574	4.3089	4.0424	.31200	1.4641
#3	11.245	.01130	.13953	4.3109	4.1093	.31271	1.4670

Sample Name: K3068-04 Acquired: 5/28/2019 18:51:11 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1W(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16502	F 17.22	.36191	<.00000	F<.00000
Stddev	.00048	.08	.00281	.32970	.48079
%RSD	.28995	.4875	.77558	24.924	2.1486

#1	.16526	17.31	.35869	-1.2036	-22.076
#2	.16447	17.17	.36378	-1.0693	-22.123
#3	.16534	17.16	.36327	-1.6955	-22.932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4261.0	55588.	5293.9	42.646	3369.3
Stddev	2.6	156.	9.8	1.743	21.8
%RSD	.06009	.28151	.18488	4.0862	.64804

#1	4259.1	55690.	5302.6	44.628	3344.2
#2	4259.9	55667.	5295.7	41.354	3383.2
#3	4263.9	55408.	5283.3	41.956	3380.6

Sample Name: K3068-05 Acquired: 5/28/2019 18:55:45 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3SE(4-5) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11270	.00171	8.6912	.00713	.01354	133.68	3.1540
Stddev	.00368	.00033	.0543	.00198	.00034	.48	.0133
%RSD	3.2666	19.069	.62439	27.744	2.5477	.36201	.42124

#1	.11370	.00166	8.7531	.00727	.01344	133.63	3.1604
#2	.10862	.00206	8.6690	.00509	.01325	133.22	3.1387
#3	.11577	.00141	8.6516	.00904	.01392	134.18	3.1629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01589	.00791	58.658	.19738	.09483	.80064	203.44
Stddev	.00033	.00008	.216	.00070	.00011	.00722	1.10
%RSD	2.0510	1.0118	.36813	.35249	.11674	.90226	.53838

#1	.01553	.00800	58.666	.19780	.09485	.80837	202.38
#2	.01598	.00784	58.871	.19776	.09471	.79947	203.36
#3	.01616	.00790	58.439	.19657	.09493	.79407	204.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4812	30.444	.22206	.00001	1.2331	.31318	4.0110
Stddev	.0224	.212	.00060	.00048	.0109	.00185	.0218
%RSD	.40835	.69490	.26810	5048.2	.88535	.59046	.54310

#1	5.4562	30.372	.22249	-.00016	1.2317	.31293	4.0357
#2	5.4879	30.278	.22138	-.00036	1.2229	.31146	4.0024
#3	5.4994	30.682	.22231	.00055	1.2446	.31514	3.9948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.220	.00760	.19202	4.0961	3.5510	.54007	1.3964
Stddev	.055	.00004	.00288	.0078	.0311	.00194	.0043
%RSD	.54000	.50423	1.4996	.19169	.87665	.35830	.31058

#1	10.237	.00763	.18927	4.0885	3.5819	.53810	1.3948
#2	10.159	.00760	.19177	4.0956	3.5514	.54014	1.3930
#3	10.265	.00756	.19502	4.1042	3.5196	.54196	1.4013

Sample Name: K3068-05 Acquired: 5/28/2019 18:55:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-3SE(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17176	F 26.33	.17028	<.00000	F<.00000
Stddev	.00115	.11	.00268	.19771	.62420
%RSD	.66998	.4234	1.5719	49.741	2.8045
#1	.17049	26.45	.17261	-.19343	-22.972
#2	.17274	26.24	.17089	-.41084	-21.821
#3	.17204	26.29	.16736	-.58816	-21.978
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.6	52030.	4914.2	41.865	3391.7
Stddev	27.5	18.	26.4	.168	17.3
%RSD	.68572	.03524	.53624	.40225	.50899
#1	3984.8	52017.	4905.7	42.027	3372.1
#2	4020.0	52051.	4893.1	41.691	3398.3
#3	4039.0	52023.	4943.7	41.876	3404.7

Sample Name: K3068-06 Acquired: 5/28/2019 19:00:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3SW(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09959	-.00009	4.7668	.00954	.01246	125.02	2.2921
Stddev	.00209	.00235	.0100	.00426	.00187	.99	.0185
%RSD	2.1021	2501.8	.20868	44.672	14.977	.78861	.80734

#1	.10078	.00250	4.7553	.00520	.01057	124.19	2.2743
#2	.09718	-.00208	4.7730	.01372	.01430	124.76	2.2907
#3	.10082	-.00069	4.7721	.00971	.01250	126.11	2.3112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01418	-.00032	36.212	.15601	.09268	.67699	166.86
Stddev	.00031	.00008	.302	.00029	.00084	.00047	.51
%RSD	2.1542	26.172	.83462	.18786	.90350	.06962	.30371

#1	.01452	-.00034	36.538	.15596	.09247	.67652	166.28
#2	.01394	-.00023	36.158	.15633	.09197	.67746	167.09
#3	.01407	-.00040	35.941	.15575	.09361	.67699	167.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1258	26.631	.17049	.00046	.89615	.28863	1.3233
Stddev	.0450	.353	.00104	.00033	.01746	.00117	.0029
%RSD	.87844	1.3238	.60969	72.977	1.9487	.40522	.22121

#1	5.1773	26.401	.17033	.00031	.87651	.28973	1.3202
#2	5.0942	26.455	.17160	.00022	.90201	.28740	1.3260
#3	5.1058	27.037	.16954	.00084	.90993	.28876	1.3237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.225	.01167	.13693	2.2621	3.3998	.14384	1.6176
Stddev	.156	.00036	.01078	.0040	.0685	.00050	.0010
%RSD	1.5221	3.1068	7.8703	.17712	2.0150	.34952	.06236

#1	10.058	.01153	.14480	2.2575	3.4727	.14437	1.6187
#2	10.252	.01208	.12464	2.2647	3.3367	.14376	1.6171
#3	10.365	.01140	.14134	2.2641	3.3901	.14338	1.6168

Sample Name: K3068-06 Acquired: 5/28/2019 19:00:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3SW(3-4) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15244	F 13.96	.18360	<.00000	F<.00000
Stddev	.00054	.05	.00347	.09372	.45891
%RSD	.35186	.3451	1.8924	17.558	2.7385
#1	.15182	13.96	.18754	-.63429	-16.724
#2	.15282	13.91	.18227	-.44877	-16.316
#3	.15268	14.00	.18099	-.51830	-17.232
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.1	53481.	5020.1	42.596	3431.9
Stddev	7.6	60.	72.3	.602	5.8
%RSD	.18647	.11136	1.4402	1.4142	.16890
#1	4093.2	53447.	4943.7	43.085	3437.0
#2	4078.0	53550.	5029.2	41.923	3425.6
#3	4087.0	53447.	5087.4	42.780	3433.0

Sample Name: K3068-07 Acquired: 5/28/2019 19:04:53 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4S(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04883	-.00261	27.242	.00448	.01368	89.485	9.9138
Stddev	.00034	.00092	.047	.00241	.00071	.233	.1067
%RSD	.69763	35.360	.17352	53.831	5.1904	.26012	1.0759

#1	.04886	-.00320	27.188	.00619	.01289	89.606	9.9832
#2	.04915	-.00155	27.273	.00551	.01388	89.217	9.9672
#3	.04847	-.00309	27.266	.00172	.01427	89.632	9.7910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	.03009	577.42	.39621	.12638	.58338	141.12
Stddev	.00014	.00019	1.04	.00092	.00010	.00069	.66
%RSD	1.3725	.63051	.18037	.23328	.08052	.11861	.46555

#1	.01054	.02988	578.02	.39691	.12648	.58328	141.87
#2	.01028	.03015	578.02	.39656	.12628	.58411	140.81
#3	.01050	.03024	576.22	.39516	.12639	.58274	140.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7203	43.438	.25683	.00110	1.7156	.41734	10.878
Stddev	.0033	.262	.00037	.00053	.0048	.00070	.017
%RSD	.08772	.60232	.14422	48.230	.27748	.16709	.15470

#1	3.7188	43.477	.25722	.00170	1.7105	.41735	10.860
#2	3.7181	43.678	.25649	.00088	1.7164	.41664	10.892
#3	3.7241	43.159	.25678	.00071	1.7199	.41804	10.883

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3668	.00575	.13999	9.7107	2.5860	.12875	2.5848
Stddev	.0499	.00012	.02332	.0203	.0063	.00030	.0169
%RSD	.59666	2.1328	16.658	.20935	.24382	.23036	.65275

#1	8.4191	.00589	.13303	9.7026	2.5815	.12862	2.5707
#2	8.3616	.00571	.16599	9.6957	2.5834	.12909	2.6035
#3	8.3197	.00566	.12094	9.7339	2.5932	.12854	2.5803

Sample Name: K3068-07 Acquired: 5/28/2019 19:04:53 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4S(4-5) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14238	8.866	1.7716	2.1264	F<.00000
Stddev	.00063	.011	.0041	.0239	.42953
%RSD	.44582	.1222	.22976	1.1249	7.8830

#1	.14243	8.862	1.7763	2.1331	-5.7339
#2	.14172	8.858	1.7693	2.0999	-5.6578
#3	.14299	8.878	1.7691	2.1463	-4.9548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.5	46898.	4660.6	40.068	3065.3
Stddev	5.3	187.	16.2	1.638	5.9
%RSD	.14952	.39833	.34696	4.0880	.19175

#1	3578.6	46682.	4642.4	41.110	3068.0
#2	3571.7	47000.	4665.8	38.180	3058.5
#3	3582.3	47011.	4673.4	40.915	3069.3

Sample Name: K3068-08 Acquired: 5/28/2019 19:09:18 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4W(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05859	.00208	1.0128	.00401	.00580	155.79	1.3916
Stddev	.00147	.00083	.0040	.00307	.00135	1.47	.0146
%RSD	2.5120	40.120	.39329	76.621	23.345	.94050	1.0503

#1	.05732	.00137	1.0124	.00112	.00448	154.16	1.3752
#2	.05825	.00300	1.0091	.00367	.00718	156.21	1.3965
#3	.06021	.00186	1.0170	.00724	.00573	157.00	1.4032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01539	-.00351	13.154	.14343	.08492	.14986	174.45
Stddev	.00015	.00012	.055	.00037	.00024	.00084	.23
%RSD	.97728	3.3062	.41782	.25602	.28470	.56062	.13419

#1	.01556	-.00346	13.096	.14303	.08467	.15019	174.23
#2	.01535	-.00343	13.205	.14375	.08493	.15048	174.42
#3	.01527	-.00364	13.162	.14351	.08515	.14890	174.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4246	28.585	.15745	-.00269	.94161	.25057	.68350
Stddev	.0237	.207	.00015	.00018	.00967	.00186	.00129
%RSD	.43623	.72400	.09279	6.6367	1.0266	.74285	.18913

#1	5.4512	28.356	.15740	-.00288	.93098	.25023	.68417
#2	5.4164	28.640	.15733	-.00253	.94987	.24890	.68201
#3	5.4061	28.759	.15761	-.00268	.94400	.25258	.68432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7599	.00403	.15033	2.5718	5.8262	.02398	1.3840
Stddev	.0526	.00010	.01013	.0056	.1428	.00077	.0043
%RSD	.67796	2.5692	6.7409	.21884	2.4508	3.1937	.30915

#1	7.6993	.00391	.15990	2.5775	5.9617	.02478	1.3794
#2	7.7858	.00411	.13971	2.5663	5.8399	.02389	1.3847
#3	7.7945	.00408	.15137	2.5717	5.6771	.02326	1.3878

Sample Name: K3068-08 Acquired: 5/28/2019 19:09:18 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4W(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17416	7.046	-.03417	<.00000	F<.00000
Stddev	.00220	.006	.00027	.19337	.12954
%RSD	1.2611	.0804	.78823	18.657	.70245

#1	.17163	7.051	-.03439	-.90656	-18.293
#2	.17545	7.039	-.03426	-.94409	-18.531
#3	.17541	7.047	-.03387	-1.2587	-18.501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4262.4	55231.	5245.2	41.559	3418.6
Stddev	7.8	55.	34.9	1.136	2.3
%RSD	.18377	.09936	.66630	2.7341	.06854

#1	4258.9	55242.	5211.2	42.583	3419.4
#2	4256.9	55172.	5243.2	41.758	3420.4
#3	4271.4	55280.	5281.1	40.337	3415.9

Sample Name: K3068-09 Acquired: 5/28/2019 19:13:52 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6N(8.5-9.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04906	.00053	1.6970	-.00537	.00316	101.78	1.3214	.00898
Stddev	.00125	.00154	.0021	.00231	.00064	.12	.0004	.00006
%RSD	2.5526	292.85	.12077	42.913	20.158	.11795	.03335	.65571
#1	.05050	-.00126	1.6959	-.00437	.00347	101.91	1.3217	.00899
#2	.04850	.00143	1.6993	-.00374	.00242	101.69	1.3209	.00904
#3	.04819	.00141	1.6956	-.00801	.00357	101.74	1.3216	.00892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	975.70	.15273	.06143	.25045	116.18	3.8673	49.452
Stddev	.00016	7.97	.00111	.00026	.00017	.45	.0033	.094
%RSD	18.142	.81709	.72988	.42837	.06673	.38820	.08479	.19001
#1	.00095	966.60	.15402	.06140	.25042	116.64	3.8688	49.358
#2	.00100	981.46	.15210	.06171	.25030	115.73	3.8636	49.451
#3	.00070	979.03	.15208	.06119	.25063	116.18	3.8696	49.546
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11553	-.00429	2.9709	.26607	3.0290	11.197	.00778	.20511
Stddev	.00054	.00015	.0178	.00146	.0021	.034	.00008	.02755
%RSD	.46716	3.4307	.60018	.54849	.06947	.30071	1.0655	13.430
#1	.11491	-.00445	2.9762	.26772	3.0279	11.194	.00771	.23138
#2	.11592	-.00424	2.9510	.26551	3.0314	11.232	.00787	.20751
#3	.11574	-.00417	2.9855	.26497	3.0277	11.165	.00775	.17644
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 369.90	4.9098	-.08910	1.7351	.18778	6.374	2.9840	2.6074
Stddev	.37	.0182	.00109	.0176	.00225	.010	.0190	.0737
%RSD	.10008	.37113	1.2235	1.0129	1.1990	.1601	.63582	2.8279
#1	369.64	4.8902	-.09026	1.7166	.18518	6.373	2.9622	2.6869
#2	369.73	4.9130	-.08809	1.7516	.18919	6.384	2.9972	2.5412
#3	370.32	4.9262	-.08895	1.7371	.18896	6.364	2.9925	2.5941

Sample Name: K3068-09 Acquired: 5/28/2019 19:13:52 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6N(8.5-9.5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.06180
Stddev	.82087
%RSD	1328.3

#1	.65900
#2	.40064
#3	-.87425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.6	45164.	4453.2	39.745	2967.5
Stddev	11.4	218.	17.1	1.420	5.4
%RSD	.32953	.48277	.38499	3.5730	.18346

#1	3434.2	44926.	4467.7	41.174	2962.4
#2	3445.7	45213.	4434.2	38.334	2966.8
#3	3456.9	45354.	4457.6	39.727	2973.2

Sample Name: CCV08 Acquired: 5/28/2019 19:18:20 Type: Unk
Method: P4-ICP2(v3152) 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	5.1082	4.9160	4.7662	5.0804	4.9232	9.7079	10.079	.24836
Stddev	.0136	.0027	.0023	.0108	.0162	.0530	.088	.00087
%RSD	.26699	.05572	.04782	.21304	.32900	.54564	.87775	.34871
#1	5.1216	4.9185	4.7660	5.0929	4.9417	9.7058	9.9776	.24894
#2	5.0943	4.9165	4.7686	5.0738	4.9116	9.7619	10.119	.24877
#3	5.1086	4.9131	4.7640	5.0746	4.9164	9.6560	10.141	.24736
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4006	24.840	.98348	2.3965	1.2132	4.9053	2.4518	24.701
Stddev	.0017	.038	.00288	.0020	.0043	.0130	.0063	.023
%RSD	.06978	.15305	.29327	.08472	.35499	.26451	.25831	.09450
#1	2.4022	24.870	.98579	2.3980	1.2175	4.9109	2.4526	24.703
#2	2.4007	24.798	.98440	2.3975	1.2089	4.9145	2.4576	24.677
#3	2.3989	24.853	.98025	2.3942	1.2131	4.8904	2.4450	24.724
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4304	1.2622	24.861	2.4784	2.3822	25.312	5.0708	4.9811
Stddev	.0017	.0030	.086	.0054	.0023	.170	.0078	.0657
%RSD	.06929	.24065	.34547	.21823	.09521	.67095	.15453	1.3179
#1	2.4309	1.2647	24.786	2.4819	2.3803	25.121	5.0796	4.9236
#2	2.4318	1.2630	24.955	2.4812	2.3847	25.446	5.0645	5.0527
#3	2.4285	1.2588	24.843	2.4722	2.3816	25.370	5.0684	4.9671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1608	5.1165	4.9190	5.0007	4.9008	5.090	5.0090	F 3.1963
Stddev	.0189	.0338	.0040	.0081	.0088	.009	.0195	.0490
%RSD	.36542	.66162	.08125	.16264	.17906	.1811	.38843	1.5322
#1	5.1707	5.1284	4.9193	4.9988	4.8986	5.081	4.9972	3.1513
#2	5.1726	5.0783	4.9229	4.9937	4.8934	5.099	4.9983	3.2485
#3	5.1390	5.1428	4.9149	5.0096	4.9105	5.091	5.0315	3.1891

Sample Name: CCV08 Acquired: 5/28/2019 19:18:20 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4194
Stddev	.5105
%RSD	21.101

#1	2.2104
#2	3.0012
#3	2.0465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.7	45239.	4150.8	41.299	3462.9
Stddev	12.7	217.	25.6	.244	8.4
%RSD	.36164	.47982	.61651	.58969	.24247

#1	3489.2	45029.	4126.3	41.577	3455.5
#2	3509.9	45225.	4177.4	41.123	3461.3
#3	3512.2	45463.	4148.7	41.198	3472.0

Sample Name: CCB08 Acquired: 5/28/2019 19:22:27 Type: Unk
Method: P4-ICP2(v3152) 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	.00299	.00133	.00065	-.00088	.00034	-.00813	.00132	.00002
Stddev	.00059	.00023	.00047	.00030	.00119	.01648	.00028	.00001
%RSD	19.557	17.490	71.927	34.424	350.53	202.74	21.215	34.131
#1	.00367	.00123	.00109	-.00103	.00169	.00530	.00124	.00001
#2	.00270	.00159	.00071	-.00108	-.00011	-.00317	.00109	.00003
#3	.00261	.00116	.00016	-.00053	-.00056	-.02651	.00164	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00387	.00011	-.00011	-.00040	-.00171	.00006	-.03837
Stddev	.00008	.00977	.00049	.00011	.00026	.00104	.00007	.00465
%RSD	263.58	252.28	437.55	103.12	65.678	60.760	123.70	12.111
#1	-.00006	-.00144	-.00015	-.00024	-.00066	-.00091	.00013	-.03370
#2	.00005	.00445	-.00020	-.00003	-.00041	-.00288	.00001	-.04299
#3	.00010	-.01463	.00068	-.00006	-.00013	-.00133	.00002	-.03843
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00022	-.03305	.00010	.00007	.00134	.00065	-.02465
Stddev	.00019	.00014	.00906	.00034	.00009	.01771	.00019	.01344
%RSD	50.839	63.159	27.423	358.11	134.68	1317.0	29.689	54.540
#1	.00016	-.00008	-.04346	-.00009	.00017	-.00767	.00087	-.01015
#2	.00052	-.00036	-.02880	.00049	.00005	.02175	.00054	-.02709
#3	.00045	-.00023	-.02689	-.00012	-.00001	-.01005	.00053	-.03670
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03697	.00594	-.00100	.00189	-.00010	.0048	.00024	F 2.2772
Stddev	.00171	.00195	.00075	.00235	.00027	.0008	.00006	.0556
%RSD	4.6178	32.794	75.093	124.02	255.83	17.52	24.374	2.4394
#1	.03776	.00783	-.00028	.00244	-.00002	.0046	.00027	2.2138
#2	.03815	.00605	-.00094	-.00068	-.00041	.0058	.00027	2.3174
#3	.03502	.00394	-.00178	.00392	.00011	.0042	.00017	2.3005

Sample Name: CCB08 Acquired: 5/28/2019 19:22:27 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7549
Stddev .4699
%RSD 26.778

#1 2.0920
#2 1.9547
#3 1.2181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.2	47852.	4175.6	43.013	3881.5
Stddev	10.3	215.	19.5	1.371	8.0
%RSD	.28078	.45000	.46702	3.1866	.20506

#1	3676.3	47645.	4188.8	44.470	3889.6
#2	3663.3	47836.	4153.2	42.818	3873.7
#3	3656.0	48074.	4184.8	41.750	3881.2

Sample Name: K3068-10 Acquired: 5/28/2019 19:26:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6E(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10597	-.01656	6.9399	.00003	.01056	109.21	3.3888
Stddev	.00069	.00132	.0053	.00233	.00281	.34	.0047
%RSD	.64879	7.9613	.07714	9274.6	26.595	.30969	.13985

#1	.10566	-.01760	6.9340	-.00021	.01365	108.99	3.3935
#2	.10550	-.01701	6.9413	.00246	.00816	109.04	3.3841
#3	.10676	-.01508	6.9444	-.00218	.00988	109.60	3.3886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01840	.00872	137.06	.22489	.13706	1.2554	208.21
Stddev	.00016	.00019	.28	.00008	.00079	.0011	.30
%RSD	.84695	2.1932	.20301	.03338	.57679	.08647	.14474

#1	.01845	.00867	136.78	.22498	.13620	1.2553	208.36
#2	.01853	.00856	137.07	.22486	.13776	1.2566	207.87
#3	.01823	.00893	137.34	.22484	.13721	1.2544	208.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0950	60.931	.29804	-.00853	5.0784	.40244	4.1428
Stddev	.0074	.298	.00115	.00024	.0168	.00139	.0023
%RSD	.14591	.48873	.38432	2.7658	.33083	.34482	.05510

#1	5.1014	60.615	.29716	-.00826	5.0964	.40397	4.1402
#2	5.0968	60.970	.29762	-.00864	5.0631	.40207	4.1434
#3	5.0869	61.207	.29933	-.00870	5.0758	.40127	4.1446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.855	.00935	.21367	4.3202	3.3795	.21840	5.1629
Stddev	.094	.00044	.00368	.0104	.0209	.00022	.0176
%RSD	.47552	4.7022	1.7242	.24050	.61934	.09940	.34133

#1	19.964	.00911	.21097	4.3149	3.4034	.21824	5.1447
#2	19.792	.00985	.21217	4.3321	3.3708	.21865	5.1799
#3	19.810	.00907	.21786	4.3135	3.3643	.21832	5.1641

Sample Name: K3068-10 Acquired: 5/28/2019 19:26:55 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6E(7-8) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16398	F 13.24	.50116	<.00000	F<.00000
Stddev	.00118	.02	.00086	.08523	.30099
%RSD	.71842	.1672	.17237	14.109	1.1862
#1	.16531	13.22	.50032	-.56822	-25.505
#2	.16306	13.26	.50205	-.70137	-25.030
#3	.16358	13.24	.50110	-.54262	-25.588
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4091.8	53506.	5096.7	41.277	3272.9
Stddev	5.2	155.	10.1	2.394	5.3
%RSD	.12749	.29031	.19835	5.8002	.16201
#1	4096.5	53353.	5085.4	41.757	3279.0
#2	4086.2	53664.	5104.9	38.680	3270.2
#3	4092.8	53502.	5099.8	43.396	3269.5

Sample Name: K3068-11 Acquired: 5/28/2019 19:31:28 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6S(7-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07934	-.00163	2.9285	.00107	.00707	124.40	1.8425
Stddev	.00176	.00211	.0115	.00079	.00057	.48	.0060
%RSD	2.2172	129.27	.39310	73.961	8.0388	.38803	.32381

#1	.08107	-.00406	2.9395	.00198	.00643	124.78	1.8494
#2	.07755	-.00058	2.9295	.00063	.00728	123.86	1.8392
#3	.07939	-.00026	2.9165	.00059	.00751	124.57	1.8389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01532	.00397	209.28	.25105	.09418	.70365	180.29
Stddev	.00004	.00011	1.40	.00078	.00030	.00123	.98
%RSD	.28887	2.7677	.67085	.31126	.31339	.17472	.54350

#1	.01527	.00388	207.76	.25069	.09441	.70408	180.40
#2	.01536	.00394	210.53	.25052	.09385	.70460	181.21
#3	.01533	.00410	209.57	.25195	.09428	.70226	179.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1353	58.789	.25938	-.00366	1.6835	.30929	2.5268
Stddev	.0282	.069	.00081	.00016	.0196	.00122	.0091
%RSD	.45909	.11758	.31180	4.3233	1.1610	.39435	.36021

#1	6.1543	58.709	.26016	-.00383	1.7058	.30817	2.5362
#2	6.1030	58.827	.25942	-.00352	1.6754	.31059	2.5262
#3	6.1487	58.830	.25855	-.00363	1.6694	.30912	2.5181

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.305	.00925	.19153	9.5673	3.2775	.10432	2.0011
Stddev	.053	.00007	.00630	.0449	.0428	.00038	.0149
%RSD	.39962	.77040	3.2876	.46894	1.3047	.36273	.74322

#1	13.361	.00931	.18878	9.5967	3.2362	.10476	1.9842
#2	13.300	.00927	.18707	9.5896	3.3216	.10410	2.0072
#3	13.255	.00917	.19873	9.5157	3.2745	.10410	2.0120

Sample Name: K3068-11 Acquired: 5/28/2019 19:31:28 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6S(7-8) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16354	F 10.82	.73063	<.00000	F<.00000
Stddev	.00202	.01	.00465	.02626	1.3115
%RSD	1.2361	.1253	.63617	19.973	6.9908
#1	.16148	10.83	.72527	-.14125	-17.768
#2	.16552	10.81	.73338	-.10171	-20.247
#3	.16360	10.81	.73326	-.15140	-18.266
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.1	52120.	5103.6	41.644	3263.7
Stddev	21.3	98.	43.3	.817	10.8
%RSD	.53427	.18869	.84746	1.9620	.33162
#1	3972.3	52043.	5146.6	40.832	3252.5
#2	3984.3	52086.	5060.1	42.466	3264.5
#3	4013.7	52231.	5104.1	41.634	3274.1

Sample Name: K3068-12 Acquired: 5/28/2019 19:36:03 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6W(8-9) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05722	.00367	1.7501	-.03010	.01483	90.286	1.2979
Stddev	.00199	.00168	.0036	.00093	.00031	.018	.0046
%RSD	3.4739	45.622	.20339	3.0755	2.1020	.01991	.35636

#1	.05802	.00174	1.7540	-.02938	.01477	90.277	1.2926
#2	.05869	.00452	1.7493	-.02978	.01516	90.307	1.3001
#3	.05496	.00476	1.7471	-.03115	.01455	90.275	1.3011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02199	.00085	940.59	.27492	.04887	.42802	324.45
Stddev	.00017	.00046	4.63	.00093	.00017	.00124	1.63
%RSD	.77577	53.512	.49239	.33953	.34409	.28944	.50176

#1	.02215	.00060	937.93	.27492	.04897	.42886	325.41
#2	.02181	.00138	937.89	.27399	.04896	.42860	322.57
#3	.02200	.00058	945.93	.27586	.04867	.42660	325.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7777	39.567	.09929	-.01859	7.2174	.26370	1.8104
Stddev	.0091	.242	.00045	.00071	.0078	.00305	.0016
%RSD	.23956	.61080	.44968	3.8167	.10827	1.1566	.08978

#1	3.7722	39.289	.09947	-.01800	7.2097	.26061	1.8109
#2	3.7727	39.692	.09878	-.01839	7.2253	.26379	1.8117
#3	3.7881	39.721	.09962	-.01937	7.2170	.26671	1.8086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.102	.08122	.34046	F 355.94	3.4426	.69939	2.0138
Stddev	.073	.00044	.02759	.88	.0302	.00318	.0180
%RSD	.65440	.53670	8.1034	.24618	.87596	.45404	.89470

#1	11.060	.08171	.30871	356.77	3.4437	.70162	1.9940
#2	11.061	.08086	.35406	355.03	3.4119	.69576	2.0182
#3	11.186	.08110	.35861	356.01	3.4722	.70080	2.0292

Sample Name: K3068-12 Acquired: 5/28/2019 19:36:03 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6W(8-9) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14862	5.228	2.8075	1.6198	F<.00000
Stddev	.00240	.010	.0073	.0537	.80776
%RSD	1.6140	.1827	.26169	3.3133	2.4028

#1	.14767	5.238	2.8051	1.6633	-33.563
#2	.14685	5.218	2.8016	1.5598	-32.839
#3	.15135	5.229	2.8157	1.6363	-34.452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.4	44491.	4446.8	40.694	2939.8
Stddev	10.9	40.	13.8	.933	4.3
%RSD	.32141	.08944	.31036	2.2932	.14669

#1	3370.2	44454.	4438.3	41.567	2935.0
#2	3379.3	44533.	4462.7	39.710	2940.8
#3	3391.8	44485.	4439.3	40.803	2943.5

Sample Name: K3068-13 Acquired: 5/28/2019 19:40:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02726	-.01104	.51104	-.00873	.00348	166.92	1.3302
Stddev	.00368	.00109	.00180	.00124	.00167	.66	.0021
%RSD	13.480	9.9125	.35320	14.221	47.982	.39406	.15584

#1	.02307	-.01008	.51312	-.00995	.00156	166.46	1.3286
#2	.02994	-.01223	.51009	-.00747	.00458	167.67	1.3325
#3	.02878	-.01081	.50991	-.00875	.00430	166.62	1.3295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01270	-.00095	877.49	.14012	.08126	.30481	137.28
Stddev	.00026	.00003	5.84	.00063	.00032	.00074	.64
%RSD	2.0252	2.8226	.66542	.44640	.39387	.24115	.46746

#1	.01290	-.00093	871.68	.13968	.08115	.30493	137.99
#2	.01278	-.00098	883.36	.14083	.08100	.30402	136.74
#3	.01241	-.00094	877.43	.13983	.08161	.30548	137.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1222	138.39	.16671	-.00766	7.9605	.24811	.51883
Stddev	.0049	.39	.00027	.00001	.0237	.00103	.00088
%RSD	.11845	.28450	.15942	.08494	.29777	.41423	.16976

#1	4.1185	138.30	.16678	-.00767	7.9546	.24701	.51948
#2	4.1205	138.82	.16642	-.00766	7.9866	.24827	.51919
#3	4.1278	138.05	.16693	-.00766	7.9403	.24904	.51783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.210	.00244	.16523	F 10.255	4.1875	.08404	3.6637
Stddev	.054	.00035	.00923	.026	.0056	.00078	.0237
%RSD	.37929	14.284	5.5847	.25659	.13487	.92682	.64744

#1	14.177	.00268	.17548	10.270	4.1813	.08439	3.6397
#2	14.272	.00204	.16262	10.225	4.1924	.08459	3.6872
#3	14.181	.00260	.15759	10.270	4.1888	.08315	3.6642

Sample Name: K3068-13 Acquired: 5/28/2019 19:40:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7N(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16568	7.271	3.4106	2.3119	F<.00000
Stddev	.00028	.015	.0202	.0469	1.0723
%RSD	.16990	.2005	.59093	2.0289	27.423

#1	.16557	7.286	3.3910	2.2988	-4.5834
#2	.16599	7.268	3.4312	2.3639	-2.6736
#3	.16546	7.257	3.4096	2.2729	-4.4733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.1	47357.	4759.7	38.624	2895.7
Stddev	8.4	109.	14.7	.885	6.2
%RSD	.23070	.23086	.30822	2.2912	.21428

#1	3612.5	47273.	4769.7	37.603	2890.1
#2	3621.6	47318.	4742.9	39.166	2894.6
#3	3629.2	47481.	4766.6	39.103	2902.4

Sample Name: K3068-14 Acquired: 5/28/2019 19:44:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(17-18) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01754	-.00367	.10805	-.00181	.00722	93.225	1.3857
Stddev	.00046	.00052	.00078	.00404	.00062	.350	.0043
%RSD	2.6089	14.166	.71806	223.59	8.6007	.37530	.31089

#1	.01701	-.00405	.10894	-.00276	.00695	93.204	1.3809
#2	.01786	-.00308	.10761	.00262	.00793	92.886	1.3869
#3	.01775	-.00388	.10758	-.00528	.00677	93.585	1.3892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01668	-.00214	26.178	.21241	.11616	.44157	205.07
Stddev	.00014	.00028	.019	.00046	.00061	.00121	1.06
%RSD	.86302	13.042	.07385	.21620	.52814	.27371	.51758

#1	.01665	-.00208	26.170	.21269	.11574	.44019	204.71
#2	.01655	-.00189	26.163	.21188	.11686	.44208	204.23
#3	.01684	-.00244	26.200	.21266	.11587	.44244	206.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.582	49.901	.24602	-.00769	2.4524	.31355	.64674
Stddev	.051	.145	.00025	.00021	.0070	.00048	.00113
%RSD	.43992	.28967	.09964	2.7169	.28673	.15428	.17532

#1	11.549	49.914	.24583	-.00789	2.4552	.31359	.64803
#2	11.557	50.039	.24594	-.00773	2.4444	.31305	.64591
#3	11.641	49.751	.24630	-.00747	2.4577	.31402	.64628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.418	.00152	.19398	.41261	3.7169	.01139	2.1862
Stddev	.023	.00016	.02230	.00268	.0074	.00102	.0148
%RSD	.12290	10.386	11.496	.64848	.19970	8.9982	.67555

#1	18.404	.00141	.20550	.41398	3.7231	.01195	2.1692
#2	18.407	.00170	.16828	.41432	3.7087	.01201	2.1952
#3	18.444	.00145	.20816	.40953	3.7188	.01021	2.1942

Sample Name: K3068-14 Acquired: 5/28/2019 19:44:46 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7N(17-18) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22942	8.063	-.08003	<.00000	F<.00000
Stddev	.00238	.018	.00103	.05058	.81352
%RSD	1.0356	.2196	1.2902	7.4446	3.2924

#1	.22689	8.080	-.08057	-.70363	-24.338
#2	.22977	8.045	-.07884	-.62127	-25.642
#3	.23160	8.065	-.08067	-.71333	-24.148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4186.3	54658.	5062.5	42.339	3431.9
Stddev	14.4	148.	18.8	1.403	5.4
%RSD	.34475	.27005	.37111	3.3138	.15860

#1	4202.9	54497.	5041.1	41.949	3425.7
#2	4179.4	54787.	5076.4	41.173	3435.9
#3	4176.6	54689.	5069.9	43.896	3434.1

Sample Name: K3068-15 Acquired: 5/28/2019 19:49:21 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7N(18-19) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02362	-.00020	.05364	.00476	.00260	51.488	.76441
Stddev	.00127	.00038	.00049	.00254	.00041	.158	.00161
%RSD	5.3958	194.24	.90917	53.313	15.751	.30663	.21067

#1	.02289	-.00063	.05382	.00725	.00307	51.324	.76277
#2	.02289	.00007	.05308	.00218	.00233	51.503	.76447
#3	.02510	-.00003	.05401	.00485	.00240	51.639	.76599

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00824	-.00344	19.831	.07629	.06459	.15362	120.79
Stddev	.00011	.00004	.096	.00020	.00039	.00045	.64
%RSD	1.3602	1.2468	.48454	.26622	.60454	.29496	.53120

#1	.00811	-.00347	19.842	.07620	.06504	.15367	120.15
#2	.00829	-.00339	19.920	.07652	.06442	.15404	120.79
#3	.00831	-.00347	19.729	.07614	.06432	.15314	121.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7019	25.865	.12306	-.00302	1.4048	.16295	.35143
Stddev	.0199	.183	.00066	.00036	.0082	.00040	.00260
%RSD	.42361	.70828	.53643	11.825	.58382	.24685	.74025

#1	4.6814	25.838	.12265	-.00275	1.4042	.16249	.35360
#2	4.7212	25.698	.12272	-.00343	1.3969	.16322	.34855
#3	4.7030	26.061	.12382	-.00288	1.4132	.16314	.35213

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1945	.00064	.11411	.22410	3.8426	.00455	1.3238
Stddev	.0794	.00020	.01639	.00327	.0256	.00050	.0045
%RSD	.86313	31.333	14.359	1.4573	.66567	10.999	.33776

#1	9.1411	.00087	.12822	.22744	3.8619	.00421	1.3222
#2	9.1567	.00051	.09614	.22091	3.8522	.00431	1.3203
#3	9.2857	.00053	.11797	.22393	3.8136	.00512	1.3288

Sample Name: K3068-15 Acquired: 5/28/2019 19:49:21 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7N(18-19) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10662	8.063	-.05655	.18373	F<.00000
Stddev	.00093	.020	.00084	.12545	.30276
%RSD	.87017	.2445	1.4863	68.280	3.1540

#1	.10728	8.078	-.05569	.08707	-9.8954
#2	.10703	8.040	-.05658	.32550	-9.6119
#3	.10556	8.070	-.05737	.13862	-9.2903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4195.7	54568.	5023.8	43.631	3590.4
Stddev	21.6	95.	30.8	.772	23.0
%RSD	.51439	.17457	.61247	1.7684	.64071

#1	4176.3	54506.	4998.9	43.290	3573.2
#2	4219.0	54677.	5014.2	43.088	3616.5
#3	4191.9	54520.	5058.2	44.514	3581.4

Sample Name: K3068-16 Acquired: 5/28/2019 19:53:52 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01430	-.01877	.22783	-.01222	.00617	134.56	.77977
Stddev	.00137	.00056	.00102	.00085	.00058	.94	.00583
%RSD	9.5788	2.9619	.44704	6.9828	9.3430	.69814	.74725

#1	.01278	-.01827	.22840	-.01134	.00555	133.48	.77310
#2	.01467	-.01937	.22665	-.01227	.00668	135.00	.78233
#3	.01545	-.01866	.22844	-.01304	.00629	135.19	.78388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01624	-.00038	209.94	.16482	.14764	.58913	211.85
Stddev	.00021	.00011	1.16	.00063	.00021	.00189	.38
%RSD	1.3155	29.465	.55251	.38290	.14332	.32008	.18060

#1	.01633	-.00034	208.79	.16433	.14771	.58911	211.71
#2	.01599	-.00050	209.94	.16459	.14740	.59103	212.28
#3	.01639	-.00029	211.11	.16553	.14781	.58726	211.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2522	81.840	.33043	-.01104	3.4301	.50116	1.0618
Stddev	.0296	.566	.00045	.00065	.0195	.00034	.0024
%RSD	.56261	.69196	.13474	5.9255	.56905	.06766	.22262

#1	5.2193	81.253	.33024	-.01161	3.4078	.50141	1.0642
#2	5.2766	81.884	.33094	-.01033	3.4389	.50077	1.0616
#3	5.2607	82.383	.33011	-.01119	3.4438	.50130	1.0595

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.456	.00320	.36984	9.3340	1.9179	.01745	5.8135
Stddev	.088	.00025	.02205	.0250	.0085	.00117	.0144
%RSD	.57242	7.7230	5.9620	.26841	.44434	6.6930	.24778

#1	15.362	.00307	.39334	9.3627	1.9269	.01825	5.7990
#2	15.468	.00348	.34961	9.3162	1.9167	.01611	5.8278
#3	15.538	.00304	.36658	9.3232	1.9100	.01798	5.8138

Sample Name: K3068-16 Acquired: 5/28/2019 19:53:52 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23255	5.423	.60896	<.00000	F<.00000
Stddev	.00115	.010	.00447	.09775	.94252
%RSD	.49291	.1848	.73424	398.77	3.5799

#1	.23249	5.429	.60383	.03146	-25.240
#2	.23372	5.411	.61100	.03238	-26.899
#3	.23143	5.428	.61204	-.13739	-26.845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.5	52267.	5052.8	41.292	3213.0
Stddev	9.6	57.	7.7	.848	4.8
%RSD	.24328	.10952	.15190	2.0530	.15039

#1	3960.3	52331.	5045.2	40.890	3207.4
#2	3945.5	52221.	5052.5	42.266	3216.0
#3	3963.6	52249.	5060.6	40.721	3215.5

Sample Name: K3068-17 Acquired: 5/28/2019 19:58:26 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7E(17-18) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01284	-.00339	.16351	.00053	.00492	98.843	1.4173
Stddev	.00195	.00106	.00055	.00259	.00103	.723	.0052
%RSD	15.192	31.374	.33822	486.55	20.970	.73105	.36474

#1	.01427	-.00229	.16413	-.00180	.00450	98.012	1.4120
#2	.01062	-.00442	.16309	.00007	.00416	99.321	1.4224
#3	.01363	-.00346	.16330	.00332	.00609	99.197	1.4175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01664	.01121	26.856	.18103	.18100	.20578	181.72
Stddev	.00011	.00015	.044	.00097	.00036	.00097	.55
%RSD	.64613	1.3052	.16266	.53528	.19940	.47173	.30403

#1	.01658	.01136	26.875	.17992	.18104	.20678	182.10
#2	.01657	.01120	26.806	.18145	.18062	.20484	181.98
#3	.01676	.01107	26.887	.18172	.18133	.20574	181.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.024	65.091	.56812	-.00823	1.9090	.21353	1.1872
Stddev	.034	.327	.00032	.00049	.0120	.00125	.0041
%RSD	.22669	.50245	.05583	5.9706	.62892	.58748	.34890

#1	14.993	64.753	.56793	-.00777	1.8981	.21353	1.1825
#2	15.061	65.406	.56794	-.00818	1.9218	.21227	1.1904
#3	15.017	65.115	.56849	-.00875	1.9070	.21478	1.1887

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.334	.00253	.16127	.38304	2.2946	.01520	2.0463
Stddev	.087	.00007	.01335	.00353	.0118	.00044	.0093
%RSD	.39141	2.8533	8.2773	.92238	.51509	2.8698	.45244

#1	22.244	.00260	.16330	.38694	2.2904	.01488	2.0416
#2	22.418	.00252	.14702	.38216	2.2856	.01502	2.0403
#3	22.339	.00246	.17349	.38004	2.3080	.01570	2.0569

Sample Name: K3068-17 Acquired: 5/28/2019 19:58:26 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(17-18) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35972	9.084	-.05480	<.00000	F<.00000
Stddev	.00147	.012	.00071	.18187	1.2136
%RSD	.41002	.1278	1.2929	2.7787	3.4900

#1	.35802	9.092	-.05534	-6.4051	-33.850
#2	.36054	9.071	-.05506	-6.7509	-34.324
#3	.36060	9.089	-.05400	-6.4803	-36.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5620.8	73410.	6893.5	41.827	3299.7
Stddev	5.3	168.	36.2	.199	13.3
%RSD	.09367	.22915	.52560	.47573	.40293

#1	5615.0	73368.	6852.2	42.016	3315.0
#2	5622.4	73267.	6920.1	41.846	3292.4
#3	5625.2	73596.	6908.1	41.619	3291.5

Sample Name: K3068-18 Acquired: 5/28/2019 20:03:01 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7E(19-20) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01395	-.00311	.13096	-.00149	.00553	110.91	1.5219
Stddev	.00018	.00131	.00042	.00082	.00105	.93	.0113
%RSD	1.2656	42.060	.31892	54.874	18.973	.83738	.73950

#1	.01410	-.00461	.13108	-.00214	.00432	110.17	1.5101
#2	.01400	-.00221	.13131	-.00057	.00610	110.60	1.5229
#3	.01376	-.00251	.13050	-.00175	.00616	111.95	1.5325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01723	-.00271	120.07	.19602	.13436	.31745	202.92
Stddev	.00023	.00015	.45	.00067	.00015	.00060	.85
%RSD	1.3094	5.6397	.37675	.34319	.11105	.18810	.42003

#1	.01697	-.00262	120.17	.19525	.13428	.31698	202.50
#2	.01733	-.00262	119.57	.19649	.13454	.31812	202.35
#3	.01738	-.00288	120.46	.19632	.13428	.31724	203.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6233	68.667	.30905	-.00916	2.5636	.24713	.78868
Stddev	.0553	.438	.00074	.00071	.0312	.00118	.00246
%RSD	.57468	.63840	.23828	7.6999	1.2174	.47886	.31192

#1	9.5872	68.218	.30893	-.00988	2.5334	.24642	.79152
#2	9.5956	68.688	.30984	-.00913	2.5617	.24850	.78725
#3	9.6869	69.094	.30838	-.00847	2.5958	.24648	.78728

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.977	.00275	.22442	.54365	4.5701	.01366	2.5237
Stddev	.187	.00019	.02010	.00068	.0650	.00085	.0166
%RSD	.71907	6.8700	8.9558	.12581	1.4222	6.2264	.65846

#1	25.795	.00265	.20185	.54375	4.6366	.01268	2.5373
#2	25.969	.00263	.23101	.54292	4.5067	.01418	2.5052
#3	26.168	.00297	.24040	.54428	4.5672	.01412	2.5286

Sample Name: K3068-18 Acquired: 5/28/2019 20:03:01 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7E(19-20) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35013	8.348	-.00148	.28526	F<.00000
Stddev	.00150	.016	.00082	.08233	.43630
%RSD	.42731	.1898	55.785	28.862	1.9746
#1	.35077	8.345	-.00054	.34275	-22.588
#2	.34842	8.365	-.00208	.19094	-21.756
#3	.35119	8.334	-.00181	.32208	-21.942
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.3	52793.	4986.9	41.661	3295.3
Stddev	8.3	73.	36.5	.398	9.8
%RSD	.20607	.13806	.73284	.95467	.29607
#1	4041.5	52836.	4944.8	41.511	3284.6
#2	4058.1	52834.	5010.0	41.359	3297.7
#3	4051.3	52709.	5006.0	42.111	3303.7

Sample Name: K3068-19 Acquired: 5/28/2019 20:07:36 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-8N(3.5-4.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02767	-.00406	1.2914	.00096	.00536	125.27	1.0755
Stddev	.00071	.00145	.0030	.00380	.00091	1.10	.0150
%RSD	2.5771	35.676	.23319	396.30	17.031	.87568	1.3971

#1	.02832	-.00283	1.2949	-.00219	.00542	124.12	1.0589
#2	.02691	-.00369	1.2895	.00518	.00624	125.36	1.0793
#3	.02779	-.00565	1.2898	-.00011	.00442	126.31	1.0882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01432	-.00182	36.444	.13586	.09817	.20638	163.41
Stddev	.00010	.00012	.207	.00050	.00052	.00037	.84
%RSD	.70061	6.5688	.56861	.36459	.52767	.17931	.51687

#1	.01421	-.00192	36.223	.13616	.09812	.20679	162.57
#2	.01434	-.00185	36.473	.13529	.09871	.20624	164.26
#3	.01440	-.00169	36.635	.13613	.09767	.20609	163.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5048	39.858	.18555	-.00571	3.3969	.27581	.67095
Stddev	.0198	.554	.00014	.00008	.0350	.00071	.00082
%RSD	.36044	1.3898	.07619	1.4046	1.0294	.25587	.12199

#1	5.5144	39.228	.18568	-.00579	3.3585	.27504	.67155
#2	5.4820	40.077	.18558	-.00563	3.4052	.27596	.67128
#3	5.5179	40.268	.18540	-.00572	3.4269	.27643	.67002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.084	.00304	.15699	1.9691	3.4743	.03834	2.0381
Stddev	.111	.00016	.00428	.0023	.0331	.00027	.0126
%RSD	1.1048	5.3738	2.7266	.11481	.95208	.70056	.61743

#1	9.9597	.00307	.15445	1.9691	3.5121	.03819	2.0284
#2	10.115	.00319	.16193	1.9714	3.4603	.03818	2.0336
#3	10.176	.00287	.15459	1.9669	3.4505	.03865	2.0523

Sample Name: K3068-19 Acquired: 5/28/2019 20:07:36 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-8N(3.5-4.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15525	8.606	.01008	<.00000	F<.00000
Stddev	.00105	.023	.00105	.12869	.70890
%RSD	.67362	.2643	10.394	10.076	3.6416
#1	.15523	8.629	.01016	-1.1527	-19.609
#2	.15421	8.606	.00899	-1.2691	-18.698
#3	.15630	8.584	.01109	-1.4097	-20.094
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4507.6	58984.	5545.5	42.253	3431.4
Stddev	2.9	108.	53.2	1.256	2.5
%RSD	.06462	.18245	.95934	2.9719	.07176
#1	4505.3	58860.	5484.5	40.969	3433.7
#2	4510.9	59054.	5569.1	43.479	3431.7
#3	4506.7	59039.	5582.8	42.311	3428.8

Sample Name: CCV09 Acquired: 5/28/2019 20:12:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0832	4.9061	4.7208	5.0233	4.8562	9.4337	9.9516	.24641
Stddev	.0062	.0112	.0091	.0200	.0126	.0469	.0737	.00113
%RSD	.12105	.22796	.19354	.39766	.25961	.49728	.74087	.45822
#1	5.0834	4.8948	4.7106	5.0415	4.8707	9.4456	9.9088	.24771
#2	5.0770	4.9063	4.7282	5.0019	4.8497	9.4735	9.9093	.24572
#3	5.0893	4.9172	4.7238	5.0264	4.8481	9.3820	10.037	.24580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3817	24.707	.97819	2.3820	1.2030	4.8733	2.4378	24.255
Stddev	.0057	.186	.00085	.0044	.0017	.0105	.0020	.239
%RSD	.23879	.75229	.08687	.18337	.13791	.21602	.08046	.98733
#1	2.3751	24.502	.97859	2.3770	1.2044	4.8853	2.4400	24.056
#2	2.3847	24.751	.97877	2.3853	1.2012	4.8691	2.4373	24.521
#3	2.3852	24.866	.97721	2.3837	1.2033	4.8656	2.4362	24.188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4185	1.2583	24.518	2.4755	2.3575	25.042	5.0504	4.8985
Stddev	.0084	.0019	.142	.0009	.0044	.065	.0067	.0360
%RSD	.34611	.14721	.57802	.03565	.18736	.26029	.13188	.73469
#1	2.4091	1.2591	24.506	2.4750	2.3525	25.045	5.0465	4.8792
#2	2.4249	1.2596	24.665	2.4749	2.3609	25.105	5.0466	4.9400
#3	2.4217	1.2562	24.382	2.4765	2.3591	24.975	5.0581	4.8762
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0860	5.1233	4.9098	4.9607	4.8397	5.060	4.9660	F 3.5290
Stddev	.0139	.0149	.0175	.0119	.0120	.007	.0141	.1783
%RSD	.27399	.28978	.35691	.23909	.24797	.1408	.28468	5.0537
#1	5.0890	5.1200	4.8901	4.9501	4.8268	5.066	4.9515	3.3540
#2	5.0708	5.1104	4.9160	4.9735	4.8505	5.062	4.9798	3.5224
#3	5.0982	5.1396	4.9234	4.9585	4.8419	5.052	4.9668	3.7105

Sample Name: CCV09 Acquired: 5/28/2019 20:12:10 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0089
Stddev .8681
%RSD 28.850

#1 2.0139
#2 3.6116
#3 3.4010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.5	45655.	4139.5	41.831	3480.2
Stddev	8.0	185.	11.3	1.027	2.0
%RSD	.22555	.40603	.27360	2.4563	.05706

#1	3518.8	45510.	4134.9	41.501	3481.2
#2	3534.7	45592.	4152.4	41.009	3481.5
#3	3525.9	45864.	4131.1	42.983	3477.9

Sample Name: CCB09 Acquired: 5/28/2019 20:16:17 Type: Unk

Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8254 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00016	.00058	-.00018	.00028	-.01496	.00120	.00003
Stddev	.00294	.00017	.00034	.00084	.00073	.00411	.00023	.00006
%RSD	506.28	105.34	59.716	471.12	264.16	27.501	19.119	188.97
#1	-.00020	.00003	.00079	-.00105	-.00053	-.01329	.00147	-.00004
#2	.00215	-.00023	.00076	-.00011	.00047	-.01195	.00108	.00007
#3	-.00369	-.00027	.00018	.00062	.00089	-.01965	.00106	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00362	-.00013	-.00007	-.00059	-.00044	.00015	.01130
Stddev	.00001	.00526	.00009	.00023	.00029	.00097	.00002	.02735
%RSD	16.448	145.27	71.546	311.33	48.199	222.57	14.290	242.06
#1	.00006	-.00697	-.00003	-.00025	-.00051	-.00133	.00014	-.01769
#2	.00005	.00244	-.00022	.00019	-.00091	.00060	.00018	.03664
#3	.00005	-.00633	-.00014	-.00016	-.00036	-.00058	.00013	.01494
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00001	-.04075	.00017	-.00013	-.00042	.00044	-.03142
Stddev	.00029	.00023	.00370	.00014	.00001	.03218	.00033	.01776
%RSD	104.41	2059.1	9.0791	84.124	11.076	7685.4	75.339	56.532
#1	.00036	-.00013	-.04368	.00014	-.00014	-.02554	.00082	-.01579
#2	.00053	.00028	-.04199	.00004	-.00013	-.01158	.00028	-.02774
#3	-.00004	-.00011	-.03659	.00032	-.00011	.03586	.00022	-.05074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01241	.00297	-.00127	.00157	-.00138	.0038	.00028	F 2.5756
Stddev	.00416	.00108	.00026	.00218	.00121	.0007	.00008	.1119
%RSD	33.518	36.191	20.168	138.52	87.795	17.36	27.776	4.3424
#1	.01672	.00317	-.00157	-.00077	-.00214	.0037	.00027	2.4697
#2	.01209	.00393	-.00116	.00196	.00002	.0031	.00036	2.6926
#3	.00842	.00181	-.00109	.00353	-.00201	.0045	.00021	2.5647

Sample Name: CCB09 Acquired: 5/28/2019 20:16:17 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8254 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6573
Stddev .3664
%RSD 22.105

#1 2.0794
#2 1.4717
#3 1.4210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.2	48220.	4187.8	44.032	3921.1
Stddev	19.5	85.	13.5	1.629	17.3
%RSD	.52625	.17584	.32231	3.6990	.44238

#1	3717.8	48154.	4174.3	42.423	3940.3
#2	3694.7	48190.	4187.8	43.993	3916.4
#3	3679.2	48315.	4201.3	45.680	3906.5

Sample Name: K3068-20 Acquired: 5/28/2019 20:20:46 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-8W(3.5-4.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04863	-.01541	.90001	-.02184	.01247	150.88	1.2237
Stddev	.00304	.00268	.00055	.00310	.00199	.58	.0046
%RSD	6.2526	17.364	.06057	14.190	15.991	.38336	.37896

#1	.04884	-.01593	.89950	-.01837	.01310	151.54	1.2278
#2	.05156	-.01252	.89994	-.02431	.01406	150.58	1.2186
#3	.04549	-.01779	.90059	-.02285	.01023	150.51	1.2247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02181	.00344	798.12	.17450	.24192	1.2240	287.78
Stddev	.00024	.00027	2.14	.00030	.00037	.0008	1.69
%RSD	1.0793	7.7889	.26762	.17355	.15363	.06399	.58843

#1	.02205	.00351	796.48	.17431	.24232	1.2235	288.05
#2	.02158	.00366	800.54	.17433	.24183	1.2249	285.97
#3	.02180	.00314	797.35	.17485	.24159	1.2235	289.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4165	96.292	1.1584	-.02050	11.323	.30960	2.3383
Stddev	.0336	.695	.0021	.00039	.048	.00116	.0011
%RSD	.62085	.72214	.18410	1.9145	.42467	.37451	.04846

#1	5.4151	96.992	1.1608	-.02090	11.378	.31082	2.3384
#2	5.4509	95.601	1.1571	-.02011	11.288	.30851	2.3394
#3	5.3837	96.282	1.1572	-.02049	11.303	.30949	2.3371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.288	.04108	.29131	F 92.533	2.1574	.04827	4.9138
Stddev	.085	.00020	.01062	.178	.0212	.00075	.0045
%RSD	.34874	.48043	3.6469	.19245	.98467	1.5602	.09167

#1	24.361	.04086	.28463	92.711	2.1555	.04896	4.9182
#2	24.195	.04119	.28573	92.533	2.1795	.04838	4.9140
#3	24.307	.04121	.30356	92.354	2.1372	.04747	4.9092

Sample Name: K3068-20 Acquired: 5/28/2019 20:20:46 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-8W(3.5-4.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19431	7.321	2.2787	1.3309	F<.00000
Stddev	.00056	.003	.0127	.0706	.65666
%RSD	.28592	.0390	.55516	5.3079	1.9797
#1	.19491	7.325	2.2746	1.2788	-32.442
#2	.19381	7.321	2.2929	1.3025	-33.717
#3	.19422	7.319	2.2686	1.4113	-33.351
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.1	47566.	4707.2	39.944	2899.0
Stddev	4.6	69.	31.9	1.026	3.4
%RSD	.12841	.14577	.67750	2.5687	.11667
#1	3617.4	47495.	4734.7	40.111	2899.4
#2	3613.5	47633.	4672.2	40.876	2902.2
#3	3608.2	47570.	4714.6	38.845	2895.5

Sample Name: PB120125BL Acquired: 5/28/2019 20:25:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	-.00059	-.00052	-.00105	.00028	-.01835	.00091	.00001
Stddev	.00267	.00085	.00035	.00091	.00078	.00242	.00011	.00005
%RSD	213.28	143.94	66.550	86.928	282.50	13.183	12.035	554.94
#1	-.00138	-.00018	-.00092	-.00187	.00012	-.01956	.00102	-.00004
#2	.00397	-.00157	-.00038	-.00007	-.00041	-.01557	.00081	.00006
#3	.00117	-.00003	-.00027	-.00121	.00113	-.01993	.00090	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01999	.00028	-.00019	-.00030	.00771	.00011	-.01286
Stddev	.00003	.00902	.00027	.00005	.00022	.00124	.00003	.02380
%RSD	87.427	45.112	96.270	24.237	75.504	16.124	25.948	185.05
#1	.00007	.02960	-.00002	-.00025	-.00010	.00906	.00014	.01431
#2	.00003	.01866	.00048	-.00017	-.00024	.00744	.00008	-.02290
#3	.00001	.01171	.00037	-.00016	-.00054	.00662	.00012	-.02999
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00000	-.04275	.00026	-.00022	.00187	-.00003	-.02578
Stddev	.00023	.00024	.00067	.00026	.00003	.00957	.00011	.02541
%RSD	43.781	113200.	1.5557	100.77	12.169	512.57	401.57	98.571
#1	.00063	-.00004	-.04214	.00055	-.00020	-.00853	-.00014	-.05493
#2	.00068	.00026	-.04264	.00018	-.00021	.00381	.00008	-.01411
#3	.00026	-.00022	-.04346	.00005	-.00025	.01032	-.00002	-.00830
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02744	.00096	-.00165	.00286	-.00241	.0035	.00020	F 2.9321
Stddev	.00401	.00035	.00024	.00111	.00123	.0014	.00008	.0521
%RSD	14.622	37.021	14.558	38.711	51.283	39.48	42.189	1.7779
#1	.03189	.00061	-.00164	.00194	-.00099	.0031	.00029	2.9721
#2	.02410	.00094	-.00142	.00409	-.00326	.0024	.00018	2.8732
#3	.02634	.00132	-.00190	.00255	-.00298	.0051	.00012	2.9511

Sample Name: PB120125BL Acquired: 5/28/2019 20:25:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1650
Stddev	.5751
%RSD	26.562

#1	2.6308
#2	2.3419
#3	1.5223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3689.6	47975.	4147.3	43.736	3906.4
Stddev	21.3	218.	8.9	.927	16.1
%RSD	.57797	.45447	.21413	2.1188	.41328

#1	3666.8	47818.	4140.4	42.943	3890.0
#2	3692.8	47883.	4144.1	44.755	3906.7
#3	3709.1	48224.	4157.3	43.509	3922.3

Sample Name: PB120125BS Acquired: 5/28/2019 20:29:49 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86394	2.1979	1.0392	2.2370	.83045	2.0122	.22194	.21726
Stddev	.00564	.0014	.0015	.0089	.00212	.0155	.00170	.00032
%RSD	.65333	.06301	.14085	.39951	.25564	.76836	.76429	.14914
#1	.86652	2.1966	1.0396	2.2267	.83261	2.0000	.22144	.21693
#2	.85747	2.1993	1.0375	2.2430	.82837	2.0070	.22055	.21727
#3	.86784	2.1979	1.0403	2.2413	.83037	2.0296	.22383	.21758
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20721	1.1563	.44578	.21222	.32418	3.3698	.22393	2.1313
Stddev	.00029	.0206	.00186	.00041	.00076	.0013	.00039	.0902
%RSD	.14216	1.7828	.41759	.19159	.23504	.03731	.17495	4.2316
#1	.20717	1.1334	.44462	.21202	.32361	3.3702	.22348	2.0382
#2	.20752	1.1735	.44793	.21269	.32504	3.3684	.22416	2.1374
#3	.20693	1.1619	.44480	.21196	.32388	3.3708	.22415	2.2182
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53913	.08268	3.2688	.33577	.20492	11.101	.44899	.30832
Stddev	.00025	.00032	.0203	.00066	.00016	.090	.00049	.01253
%RSD	.04575	.38864	.62196	.19714	.07635	.81182	.10986	4.0636
#1	.53913	.08296	3.2533	.33623	.20489	11.023	.44843	.29695
#2	.53938	.08233	3.2614	.33501	.20477	11.082	.44934	.30626
#3	.53888	.08275	3.2919	.33607	.20508	11.200	.44921	.32175
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01226	1.0226	.75005	.22315	.22223	6.214	.21853	F 3.0451
Stddev	.00066	.0072	.00101	.00166	.00148	.003	.00063	.1310
%RSD	5.3979	.70732	.13470	.74595	.66489	.0470	.28718	4.3006
#1	.01249	1.0279	.74935	.22417	.22067	6.217	.21880	2.8960
#2	.01278	1.0257	.75121	.22123	.22241	6.214	.21898	3.0978
#3	.01151	1.0144	.74960	.22406	.22361	6.211	.21782	3.1414

Sample Name: PB120125BS Acquired: 5/28/2019 20:29:49 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.66536
Stddev	.60713
%RSD	91.248

#1	.97729
#2	1.0531
#3	-.03432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.9	47530.	4129.7	42.632	3795.6
Stddev	11.0	189.	30.8	2.366	10.2
%RSD	.30250	.39738	.74655	5.5504	.26914

#1	3638.3	47312.	4109.1	40.738	3787.9
#2	3645.5	47639.	4114.9	41.874	3791.7
#3	3660.0	47638.	4165.2	45.285	3807.2

Sample Name: K3037-01 Acquired: 5/28/2019 20:33:56 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW6-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03465	-.00118	.00203	.03920	-.00142	-.16780	1.0602	-.00251
Stddev	.00174	.00136	.00149	.00287	.00153	.00591	.0041	.00004
%RSD	5.0280	114.71	73.270	7.3185	107.43	3.5219	.38453	1.6950
#1	.03266	-.00123	.00374	.03632	.00034	-.17073	1.0555	-.00256
#2	.03538	.00020	.00109	.04206	-.00232	-.16100	1.0624	-.00249
#3	.03590	-.00252	.00125	.03921	-.00229	-.17167	1.0628	-.00249
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	352.27	-.04051	.01094	.01310	14.468	F 56.750	131.41
Stddev	.00005	1.39	.00018	.00012	.00022	.011	.160	1.03
%RSD	11.401	.39358	.44991	1.0834	1.6645	.07889	.28252	.78574
#1	-.00041	351.22	-.04070	.01104	.01306	14.465	56.724	130.26
#2	-.00045	351.74	-.04034	.01081	.01290	14.458	56.605	131.72
#3	-.00051	353.84	-.04050	.01098	.01333	14.480	56.922	132.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	.00876	712.56	-.31226	.02980	9.4256	.00321	.18703
Stddev	.00025	.00013	4.83	.00225	.00009	.1118	.00037	.01541
%RSD	5.5362	1.4713	.67787	.71966	.29495	1.1860	11.538	8.2401
#1	.00486	.00890	717.34	-.30968	.02987	9.3142	.00356	.16947
#2	.00449	.00865	712.66	-.31381	.02970	9.4247	.00326	.19335
#3	.00438	.00872	707.68	-.31329	.02984	9.5377	.00282	.19828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.614	F 12.965	-.00462	-.01248	.02041	.1443	1.1549	5.0139
Stddev	.010	.017	.00075	.00126	.00134	.0013	.0028	.1238
%RSD	.05532	.13314	16.163	10.131	6.5458	.8943	.24569	2.4689
#1	18.625	12.959	-.00507	-.01102	.01890	.1428	1.1533	5.1441
#2	18.614	12.951	-.00376	-.01319	.02145	.1450	1.1532	4.9997
#3	18.604	12.984	-.00503	-.01324	.02089	.1451	1.1582	4.8978

Sample Name: K3037-01 Acquired: 5/28/2019 20:33:56 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW6-R1-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.032
Stddev	1.401
%RSD	10.747

#1	12.016
#2	12.450
#3	14.630

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.2	40187.	3928.8	38.921	2949.0
Stddev	10.8	36.	14.4	2.002	7.5
%RSD	.34634	.08883	.36582	5.1443	.25465

#1	3104.0	40146.	3912.3	39.783	2941.2
#2	3125.5	40207.	3938.5	40.348	2956.1
#3	3115.9	40209.	3935.5	36.632	2949.8

Sample Name: K3037-02 Acquired: 5/28/2019 20:38:36 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW6-R1-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02626	-.00207	.00335	.03398	-.00123	.07707	.90103	-.00242
Stddev	.00337	.00029	.00020	.00233	.00215	.01567	.00313	.00014
%RSD	12.831	13.862	5.9437	6.8685	174.54	20.328	.34731	5.9776
#1	.02394	-.00205	.00347	.03469	-.00318	.09484	.89753	-.00226
#2	.03013	-.00237	.00346	.03138	-.00158	.07113	.90357	-.00254
#3	.02472	-.00179	.00312	.03588	.00107	.06525	.90198	-.00245
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	392.58	-.03766	.01117	.00301	11.185	F 53.849	141.10
Stddev	.00007	2.56	.00050	.00011	.00006	.023	.245	.94
%RSD	23.741	.65257	1.3181	1.0280	1.9089	.20279	.45440	.66351
#1	-.00036	390.03	-.03750	.01113	.00299	11.190	53.662	140.20
#2	-.00025	392.57	-.03822	.01107	.00307	11.205	54.126	142.07
#3	-.00023	395.15	-.03727	.01130	.00296	11.161	53.759	141.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	.00776	681.40	-.28469	.02478	10.418	.00232	.16228
Stddev	.00004	.00020	4.79	.00272	.00015	.038	.00015	.02023
%RSD	2.1940	2.5675	.70263	.95629	.58702	.36913	6.2985	12.464
#1	-.00190	.00757	676.02	-.28784	.02466	10.382	.00217	.18530
#2	-.00182	.00775	682.98	-.28306	.02494	10.459	.00232	.14737
#3	-.00186	.00796	685.19	-.28318	.02474	10.412	.00246	.15417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.375	F 13.140	-.00579	-.00245	.02798	.1721	1.2528	5.1645
Stddev	.095	.021	.00095	.00082	.00175	.0007	.0046	.0947
%RSD	.44297	.15659	16.360	33.559	6.2559	.4178	.36526	1.8335
#1	21.452	13.153	-.00584	-.00161	.02641	.1713	1.2488	5.0859
#2	21.404	13.117	-.00671	-.00325	.02767	.1723	1.2519	5.2696
#3	21.269	13.151	-.00482	-.00247	.02987	.1727	1.2578	5.1380

Sample Name: K3037-02 Acquired: 5/28/2019 20:38:36 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW6-R1-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.525
Stddev	.206
%RSD	1.5209

#1	13.758
#2	13.445
#3	13.370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3114.0	40128.	3928.4	39.879	2945.9
Stddev	13.7	161.	9.4	.412	12.8
%RSD	.44089	.40012	.23936	1.0332	.43324

#1	3106.5	39969.	3918.9	39.976	2938.8
#2	3129.9	40126.	3937.7	39.427	2960.6
#3	3105.7	40290.	3928.5	40.234	2938.3

Sample Name: K3037-03 Acquired: 5/28/2019 20:43:16 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FB-20190522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00015	-.00214	-.00039	-.00052	-.00644	.00216	.00004
Stddev	.00174	.00118	.00061	.00165	.00181	.00692	.00023	.00002
%RSD	59.744	789.26	28.268	422.39	345.10	107.49	10.787	38.521

#1	.00475	-.00150	-.00270	-.00022	-.00251	-.00979	.00202	.00005
#2	.00129	.00037	-.00150	-.00212	.00102	.00152	.00203	.00002
#3	.00271	.00067	-.00223	.00117	-.00008	-.01106	.00243	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02901	.00008	.00006	-.00034	-.00073	.00223	.02470
Stddev	.00008	.01194	.00022	.00021	.00035	.00031	.00012	.02866
%RSD	1218.7	41.174	282.48	328.63	101.45	42.409	5.1737	116.01

#1	.00006	.02538	-.00011	-.00011	-.00003	-.00040	.00233	-.00783
#2	-.00008	.04234	.00001	.00001	-.00028	-.00101	.00224	.03574
#3	.00004	.01930	.00033	.00029	-.00072	-.00078	.00210	.04620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00024	.29578	.00047	.00736	.01209	-.00009	-.02376
Stddev	.00003	.00018	.01614	.00032	.00009	.03603	.00016	.01542
%RSD	4.1782	74.696	5.4567	67.662	1.2420	298.08	178.37	64.903

#1	.00087	-.00022	.30738	.00036	.00746	-.00131	-.00008	-.04119
#2	.00080	-.00042	.30262	.00083	.00728	.05290	.00006	-.01188
#3	.00082	-.00007	.27735	.00023	.00733	-.01533	-.00025	-.01821

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00976	-.00341	-.00301	.00057	-.00378	.0044	.00021	2.0760
Stddev	.00283	.00226	.00044	.00035	.00032	.0008	.00004	.1572
%RSD	29.018	66.226	14.626	61.810	8.3384	17.32	19.116	7.5728

#1	.01106	-.00557	-.00296	.00071	-.00347	.0038	.00020	2.2465
#2	.01172	-.00359	-.00260	.00083	-.00377	.0053	.00017	2.0448
#3	.00651	-.00107	-.00347	.00017	-.00410	.0042	.00025	1.9368

Sample Name: K3037-03 Acquired: 5/28/2019 20:43:16 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB-20190522 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9663
Stddev	.2840
%RSD	9.5727

#1	3.2908
#2	2.8446
#3	2.7635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3794.8	49396.	4258.3	45.036	4107.5
Stddev	12.6	162.	4.2	1.865	8.3
%RSD	.33132	.32721	.09955	4.1406	.20254

#1	3804.5	49536.	4253.5	43.227	4103.5
#2	3799.3	49219.	4260.3	44.930	4117.0
#3	3780.6	49432.	4261.3	46.952	4101.9

Sample Name: K3037-04 Acquired: 5/28/2019 20:47:45 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FB-20190523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00015	-.00221	-.00150	-.00011	-.01615	.00169	.00004
Stddev	.00033	.00096	.00056	.00202	.00046	.00448	.00025	.00001
%RSD	131.48	658.86	25.468	134.67	428.93	27.759	15.097	14.401

#1	.00063	-.00008	-.00205	-.00348	.00029	-.01645	.00170	.00003
#2	.00011	-.00068	-.00174	.00055	-.00061	-.02048	.00143	.00004
#3	.00001	.00121	-.00283	-.00156	.00000	-.01153	.00194	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01299	-.00008	-.00009	-.00044	-.00384	.00035	.02744
Stddev	.00004	.00700	.00015	.00022	.00034	.00040	.00010	.04328
%RSD	324.44	53.931	198.09	233.08	76.495	10.333	29.626	157.73

#1	.00003	.01352	.00007	.00003	-.00045	-.00423	.00041	-.02056
#2	.00004	.01970	-.00023	.00004	-.00010	-.00344	.00041	.03937
#3	-.00003	.00573	-.00007	-.00034	-.00078	-.00386	.00023	.06350

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00095	.00015	.13924	-.00012	.00648	-.00419	-.00020	-.01927
Stddev	.00033	.00013	.00230	.00014	.00011	.01485	.00006	.01120
%RSD	34.362	90.495	1.6541	122.09	1.6639	354.54	31.152	58.109

#1	.00132	.00030	.14114	-.00004	.00636	-.02133	-.00013	-.02924
#2	.00083	.00011	.13990	-.00028	.00652	.00486	-.00024	-.00715
#3	.00071	.00004	.13668	-.00003	.00656	.00390	-.00023	-.02142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00652	-.00335	.00151	-.00409	.0043	.00013	2.3761
Stddev	.00355	.00164	.00003	.00134	.00070	.0011	.00002	.0571
%RSD	128.00	25.157	.97893	88.362	16.995	24.48	15.312	2.4046

#1	.00659	-.00502	-.00333	.00304	-.00450	.0031	.00013	2.4003
#2	-.00041	-.00827	-.00339	.00059	-.00449	.0051	.00011	2.3109
#3	.00212	-.00627	-.00333	.00090	-.00329	.0047	.00015	2.4172

Sample Name: K3037-04 Acquired: 5/28/2019 20:47:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB-20190523 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8425
Stddev	.3103
%RSD	10.915

#1	2.4972
#2	2.9325
#3	3.0979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3757.1	48781.	4230.0	43.623	4081.0
Stddev	5.8	70.	24.7	1.709	5.5
%RSD	.15393	.14250	.58397	3.9166	.13445

#1	3754.6	48839.	4245.2	41.686	4075.9
#2	3763.7	48801.	4243.3	44.916	4086.8
#3	3752.9	48704.	4201.5	44.268	4080.3

Sample Name: K3037-05 Acquired: 5/28/2019 20:52:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW5-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00829	-.00043	.00928	.00432	.00878	3.5728	.07447	.00029
Stddev	.00292	.00034	.00030	.00094	.00100	.0379	.00100	.00009
%RSD	35.208	78.390	3.2116	21.874	11.335	1.0596	1.3444	31.839
#1	.01155	-.00037	.00899	.00339	.00778	3.5305	.07357	.00020
#2	.00737	-.00080	.00958	.00528	.00977	3.5842	.07555	.00030
#3	.00593	-.00013	.00926	.00429	.00878	3.6036	.07430	.00038
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	95.663	.03723	.00166	.01439	4.7024	.11210	6.0064
Stddev	.00003	.141	.00012	.00014	.00034	.0151	.00059	.0531
%RSD	14.244	.14713	.30956	8.5729	2.3533	.32155	.52458	.88420
#1	-.00018	95.696	.03713	.00165	.01475	4.7114	.11217	5.9487
#2	-.00022	95.784	.03721	.00153	.01436	4.6850	.11148	6.0175
#3	-.00023	95.509	.03736	.00181	.01407	4.7109	.11265	6.0532
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00991	-.00052	138.36	.02595	.04950	23.455	.45041	.20003
Stddev	.00017	.00019	.50	.00017	.00014	.092	.00193	.01037
%RSD	1.7484	36.810	.36124	.64411	.28866	.39074	.42885	5.1845
#1	.00975	-.00050	138.01	.02614	.04965	23.371	.44853	.18812
#2	.01009	-.00034	138.93	.02582	.04951	23.553	.45239	.20704
#3	.00990	-.00073	138.12	.02590	.04936	23.440	.45032	.20492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.930	F 19.463	-.01229	.07946	.00627	.3164	.49341	3.8253
Stddev	.093	.140	.00044	.00343	.00138	.0013	.00051	.2187
%RSD	.22821	.71707	3.6137	4.3108	21.962	.4140	.10305	5.7164
#1	40.889	19.605	-.01275	.08291	.00496	.3166	.49400	4.0733
#2	40.865	19.326	-.01224	.07605	.00616	.3150	.49311	3.6601
#3	41.037	19.456	-.01187	.07942	.00770	.3176	.49312	3.7426

Sample Name: K3037-05 Acquired: 5/28/2019 20:52:13 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW5-R1-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.8044
Stddev	.7591
%RSD	13.078

#1	6.4193
#2	6.0380
#3	4.9560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.3	44682.	4145.7	42.339	3464.1
Stddev	7.8	148.	37.5	1.752	8.8
%RSD	.22507	.33215	.90538	4.1377	.25312

#1	3440.5	44518.	4102.5	40.711	3454.2
#2	3455.2	44721.	4170.7	42.113	3471.0
#3	3452.3	44807.	4163.9	44.192	3467.1

Sample Name: K3037-06 Acquired: 5/28/2019 20:56:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00120	-.00045	.00592	.00020	.23908	.12380	.00003
Stddev	.00292	.00075	.00042	.00102	.00091	.00578	.00024	.00005
%RSD	122.43	62.790	93.227	17.166	448.83	2.4185	.19790	162.41
#1	-.00090	-.00034	-.00061	.00493	.00124	.24536	.12406	-.00002
#2	.00470	-.00152	.00003	.00696	-.00047	.23397	.12357	.00008
#3	.00336	-.00173	-.00077	.00587	-.00016	.23792	.12376	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	67.380	.00087	.00030	.01966	.23635	.27765	12.050
Stddev	.00002	.656	.00031	.00011	.00044	.00171	.00042	.060
%RSD	25.132	.97367	35.964	34.535	2.2226	.72522	.15077	.49711
#1	.00007	66.631	.00107	.00036	.01995	.23832	.27719	12.096
#2	.00009	67.850	.00051	.00018	.01915	.23524	.27800	11.982
#3	.00012	67.659	.00104	.00037	.01986	.23548	.27775	12.071
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	-.00025	48.183	.00253	.03703	23.253	.00240	.08057
Stddev	.00036	.00043	.195	.00005	.00012	.101	.00010	.01403
%RSD	7.4079	167.63	.40562	1.7884	.32262	.43364	4.0718	17.409
#1	.00513	-.00073	48.241	.00256	.03712	23.141	.00230	.06465
#2	.00503	-.00014	48.342	.00248	.03708	23.338	.00250	.09108
#3	.00446	.00010	47.965	.00255	.03689	23.279	.00240	.08600
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.235	F 16.140	-.00829	.00770	.01305	2.043	.25389	3.4775
Stddev	.027	.086	.00066	.00149	.00073	.008	.00171	.0525
%RSD	.13920	.53516	7.9336	19.330	5.6271	.3963	.67475	1.5109
#1	19.266	16.045	-.00904	.00844	.01231	2.052	.25191	3.4192
#2	19.220	16.159	-.00801	.00867	.01378	2.038	.25489	3.5212
#3	19.219	16.215	-.00781	.00598	.01308	2.038	.25486	3.4922

Sample Name: K3037-06 Acquired: 5/28/2019 20:56:34 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW2-R1-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9914
Stddev	.4523
%RSD	11.333

#1	3.4732
#2	4.3070
#3	4.1941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.1	45882.	4135.9	41.805	3575.9
Stddev	15.5	138.	18.4	1.439	17.0
%RSD	.44096	.30117	.44513	3.4414	.47432

#1	3496.1	45743.	4157.2	41.776	3564.3
#2	3526.7	45883.	4126.3	43.257	3595.3
#3	3507.4	46019.	4124.4	40.381	3567.9

Sample Name: K3037-06DUP Acquired: 5/28/2019 21:00:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	-.00138	.00017	.00642	.00064	.23989	.12361	.00005
Stddev	.00225	.00103	.00034	.00188	.00040	.00758	.00206	.00004
%RSD	327.97	74.948	200.97	29.289	62.534	3.1616	1.6646	86.121
#1	-.00085	-.00019	.00055	.00580	.00018	.23437	.12125	.00001
#2	-.00286	-.00203	-.00005	.00854	.00091	.24854	.12465	.00004
#3	.00164	-.00191	-.00001	.00493	.00081	.23676	.12495	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	66.774	.00094	.00035	.01954	.23452	.27552	12.051
Stddev	.00005	.303	.00039	.00010	.00043	.00079	.00091	.076
%RSD	111.88	.45372	41.175	28.398	2.1942	.33828	.32916	.62680
#1	.00006	66.425	.00132	.00024	.01993	.23366	.27564	11.965
#2	.00009	66.929	.00096	.00037	.01908	.23471	.27457	12.104
#3	-.00001	66.968	.00054	.00043	.01961	.23521	.27637	12.085
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	-.00024	48.151	.00234	.03746	23.171	.00240	.08470
Stddev	.00009	.00041	.410	.00014	.00017	.207	.00017	.02112
%RSD	1.9220	173.97	.85241	6.1594	.44432	.89291	7.2677	24.937
#1	.00474	-.00067	47.788	.00218	.03765	22.934	.00220	.06268
#2	.00464	.00014	48.596	.00237	.03733	23.316	.00245	.10480
#3	.00456	-.00018	48.068	.00246	.03740	23.262	.00254	.08661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.152	F 16.019	-.00814	.00922	.01111	2.039	.25185	3.2816
Stddev	.048	.093	.00038	.00131	.00051	.002	.00051	.1364
%RSD	.25257	.58220	4.6874	14.163	4.5958	.1095	.20147	4.1572
#1	19.181	16.122	-.00852	.01073	.01168	2.040	.25179	3.3152
#2	19.178	15.940	-.00816	.00853	.01094	2.036	.25238	3.1315
#3	19.096	15.994	-.00775	.00841	.01070	2.040	.25137	3.3981

Sample Name: K3037-06DUP Acquired: 5/28/2019 21:00:55 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-1DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1493
Stddev	.2716
%RSD	6.5463

#1	4.0658
#2	3.9293
#3	4.4529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.0	45971.	4159.1	42.067	3569.3
Stddev	9.2	226.	29.5	.805	8.6
%RSD	.26383	.49153	.70933	1.9128	.24088

#1	3489.4	45899.	4126.9	42.393	3559.4
#2	3504.3	45790.	4165.6	42.658	3573.7
#3	3506.2	46224.	4184.8	41.151	3574.9

Sample Name: CCV10 Acquired: 5/28/2019 21:05:18 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15032 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1345	4.9571	4.7712	5.0575	4.8953	9.5039	9.9513	.24699
Stddev	.0144	.0034	.0062	.0135	.0056	.0539	.0187	.00066
%RSD	.27958	.06953	.12918	.26753	.11461	.56658	.18786	.26640
#1	5.1180	4.9608	4.7783	5.0691	4.9012	9.4618	9.9451	.24704
#2	5.1418	4.9566	4.7669	5.0426	4.8900	9.4854	9.9365	.24630
#3	5.1438	4.9540	4.7685	5.0608	4.8945	9.5646	9.9723	.24762
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4091	25.013	.99183	2.4065	1.2129	4.9116	2.4551	24.467
Stddev	.0042	.074	.00263	.0016	.0011	.0020	.0038	.204
%RSD	.17228	.29508	.26523	.06476	.08802	.04150	.15479	.83500
#1	2.4111	24.932	.98965	2.4057	1.2125	4.9137	2.4522	24.322
#2	2.4043	25.030	.99108	2.4054	1.2141	4.9096	2.4537	24.378
#3	2.4118	25.076	.99475	2.4083	1.2121	4.9115	2.4594	24.701
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4453	1.2749	24.531	2.5087	2.3897	25.234	5.1086	4.9497
Stddev	.0041	.0019	.103	.0055	.0007	.162	.0063	.0621
%RSD	.16604	.15244	.42127	.21896	.03093	.64210	.12246	1.2549
#1	2.4491	1.2762	24.454	2.5041	2.3905	25.153	5.1135	4.8948
#2	2.4410	1.2727	24.490	2.5071	2.3893	25.129	5.1016	4.9373
#3	2.4457	1.2759	24.648	2.5148	2.3892	25.421	5.1108	5.0171
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1406	5.1658	4.9715	5.0289	4.8941	5.100	5.0097	F 3.4168
Stddev	.0234	.0387	.0076	.0145	.0262	.012	.0206	.1372
%RSD	.45468	.74876	.15302	.28836	.53473	.2429	.41066	4.0142
#1	5.1529	5.1734	4.9754	5.0123	4.8796	5.114	4.9934	3.2681
#2	5.1137	5.2002	4.9627	5.0391	4.9243	5.095	5.0328	3.5383
#3	5.1554	5.1240	4.9764	5.0354	4.8784	5.091	5.0030	3.4440

Sample Name: CCV10 Acquired: 5/28/2019 21:05:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15032 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5666
Stddev	1.0300
%RSD	40.131

#1	1.5560
#2	3.6149
#3	2.5288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.1	45591.	4113.8	40.806	3468.1
Stddev	3.7	118.	33.7	1.206	3.3
%RSD	.10531	.25800	.81827	2.9561	.09645

#1	3520.9	45455.	4090.6	41.358	3464.3
#2	3526.4	45659.	4098.4	39.423	3469.9
#3	3527.9	45659.	4152.4	41.637	3470.3

Sample Name: CCB10 Acquired: 5/28/2019 21:09:25 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00127	-.00070	.00034	.00042	-.01502	.00097	.00003
Stddev	.00111	.00133	.00052	.00091	.00160	.00389	.00018	.00001
%RSD	63.204	105.21	74.032	265.43	381.86	25.918	18.299	28.855

#1	.00181	.00207	-.00036	.00109	-.00138	-.01181	.00118	.00002
#2	.00062	-.00027	-.00129	.00059	.00169	-.01390	.00087	.00003
#3	.00284	.00200	-.00044	-.00066	.00095	-.01936	.00087	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00964	.00028	-.00025	-.00053	-.00248	.00018	-.03635
Stddev	.00002	.00841	.00009	.00029	.00041	.00029	.00005	.04469
%RSD	64.230	87.236	32.426	118.40	79.011	11.813	29.807	122.94

#1	.00001	-.01864	.00024	.00005	-.00019	-.00217	.00024	-.03865
#2	.00006	-.00198	.00021	-.00026	-.00040	-.00276	.00014	-.07985
#3	.00004	-.00830	.00038	-.00054	-.00099	-.00250	.00016	.00944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00018	.01084	.00024	-.00032	.02448	.00058	-.02410
Stddev	.00012	.00027	.00181	.00014	.00004	.01557	.00019	.01719
%RSD	35.576	150.34	16.732	58.376	13.239	63.585	32.936	71.308

#1	.00030	.00008	.00911	.00021	-.00027	.01768	.00079	-.01591
#2	.00046	-.00003	.01272	.00040	-.00034	.04229	.00054	-.01255
#3	.00023	.00048	.01067	.00012	-.00034	.01347	.00042	-.04386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00956	-.00033	-.00057	.00161	.00148	.0040	.00019	F 2.7377
Stddev	.00141	.00272	.00016	.00069	.00077	.0006	.00003	.0291
%RSD	14.760	821.04	27.921	42.822	51.582	13.86	13.413	1.0619

#1	.00851	.00269	-.00070	.00129	.00188	.0042	.00020	2.7478
#2	.01116	-.00109	-.00061	.00115	.00060	.0034	.00016	2.7050
#3	.00900	-.00259	-.00039	.00241	.00197	.0045	.00021	2.7605

Sample Name: CCB10 Acquired: 5/28/2019 21:09:25 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15032 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3313
Stddev	.3246
%RSD	13.922

#1	2.5420
#2	1.9575
#3	2.4943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3686.8	48033.	4144.4	42.591	3906.3
Stddev	19.3	105.	6.8	2.774	23.7
%RSD	.52405	.21834	.16334	6.5121	.60774

#1	3673.5	48040.	4152.2	43.064	3891.2
#2	3708.9	47924.	4139.8	45.098	3933.7
#3	3677.9	48134.	4141.3	39.611	3894.2

Sample Name: K3037-06LX5 Acquired: 5/28/2019 21:13:54 Type: Unk
Method: P4-ICP2(v3152) 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	.00173	.00075	-.00051	.00190	-.00066	.03474	.02425	.00003
Stddev	.00289	.00108	.00026	.00223	.00122	.00731	.00014	.00003
%RSD	166.89	143.45	52.324	116.93	185.00	21.034	.56792	104.30

#1	.00503	.00181	-.00061	.00011	-.00132	.03801	.02415	-.00000
#2	.00053	.00079	-.00071	.00440	.00075	.02637	.02441	.00006
#3	-.00036	-.00035	-.00021	.00121	-.00141	.03984	.02420	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	13.693	.00020	-.00004	.00345	.04583	.05765	2.4626
Stddev	.00005	.076	.00035	.00005	.00011	.00067	.00014	.0645
%RSD	650.10	.55623	177.59	129.22	3.2482	1.4596	.23806	2.6180

#1	-.00001	13.611	.00008	-.00009	.00356	.04506	.05749	2.4096
#2	-.00005	13.762	-.00008	-.00003	.00346	.04612	.05775	2.4438
#3	.00005	13.704	.00059	.00001	.00334	.04630	.05771	2.5343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00016	9.6135	.00059	.00705	4.6251	.00052	.00302
Stddev	.00044	.00012	.0540	.00029	.00004	.0097	.00005	.00710
%RSD	37.877	78.157	.56185	49.173	.55027	.20997	9.7437	235.46

#1	.00078	.00026	9.5558	.00027	.00707	4.6329	.00052	-.00465
#2	.00164	.00002	9.6628	.00083	.00701	4.6142	.00047	.00939
#3	.00105	.00019	9.6219	.00069	.00708	4.6283	.00057	.00431

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7954	3.3818	-.00272	.00155	.00322	.4067	.05111	2.8606
Stddev	.0101	.0252	.00011	.00092	.00062	.0016	.00016	.1513
%RSD	.26513	.74547	4.0088	59.654	19.158	.3911	.31352	5.2887

#1	3.7871	3.3689	-.00260	.00071	.00253	.4083	.05093	2.9701
#2	3.8066	3.3656	-.00278	.00141	.00372	.4052	.05116	2.9237
#3	3.7926	3.4109	-.00279	.00254	.00341	.4065	.05123	2.6880

Sample Name: K3037-06LX5 Acquired: 5/28/2019 21:13:54 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0827
Stddev	.6572
%RSD	31.557

#1	1.3282
#2	2.3891
#3	2.5308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.0	47451.	4151.3	42.282	3807.1
Stddev	4.5	173.	18.4	.971	8.5
%RSD	.12368	.36409	.44370	2.2974	.22457

#1	3643.0	47260.	4135.2	42.583	3797.4
#2	3651.8	47495.	4171.4	43.067	3813.5
#3	3649.1	47597.	4147.4	41.196	3810.5

Sample Name: K3037-07 Acquired: 5/28/2019 21:18:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3037-06MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76796	1.8240	.88280	1.8870	1.0739	2.0968	.31842	.18716
Stddev	.00179	.0026	.00276	.0042	.0024	.0081	.00058	.00032
%RSD	.23307	.14033	.31227	.22044	.22235	.38633	.18066	.17291
#1	.76827	1.8250	.88245	1.8833	1.0760	2.0914	.31846	.18682
#2	.76958	1.8260	.88024	1.8862	1.0713	2.0929	.31782	.18721
#3	.76604	1.8211	.88572	1.8915	1.0744	2.1061	.31897	.18746
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17817	69.242	.38829	.18526	.29074	3.0912	.46762	13.982
Stddev	.00043	.190	.00078	.00016	.00061	.0019	.00026	.162
%RSD	.24214	.27379	.20118	.08872	.20833	.06232	.05619	1.1591
#1	.17806	69.360	.38900	.18529	.29143	3.0932	.46742	13.800
#2	.17781	69.023	.38745	.18508	.29027	3.0911	.46792	14.038
#3	.17865	69.343	.38842	.18540	.29053	3.0894	.46751	14.110
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46801	.06969	51.734	.30193	.21668	33.065	.58789	.37938
Stddev	.00114	.00038	.076	.00105	.00031	.081	.00030	.01572
%RSD	.24422	.55056	.14692	.34767	.14286	.24589	.05125	4.1445
#1	.46678	.06996	51.661	.30286	.21662	32.977	.58810	.36941
#2	.46820	.06986	51.729	.30213	.21640	33.078	.58801	.39750
#3	.46904	.06925	51.813	.30079	.21701	33.138	.58754	.37122
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.444	F 17.615	.95244	.29388	.20449	7.665	.44431	3.5279
Stddev	.030	.080	.00225	.00263	.00205	.011	.00045	.0299
%RSD	.15463	.45556	.23583	.89544	1.0043	.1432	.10203	.84726
#1	19.449	17.707	.95197	.29273	.20231	7.677	.44424	3.5624
#2	19.470	17.565	.95046	.29202	.20477	7.659	.44389	3.5090
#3	19.411	17.572	.95488	.29689	.20639	7.658	.44479	3.5124

Sample Name: K3037-07 Acquired: 5/28/2019 21:18:19 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3037-06MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.1168
Stddev	.5308
%RSD	17.031

#1	2.5049
#2	3.3909
#3	3.4546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.6	45783.	4094.3	41.751	3549.8
Stddev	25.7	130.	23.6	.848	21.3
%RSD	.73155	.28446	.57705	2.0309	.60090

#1	3501.4	45633.	4067.0	42.542	3544.3
#2	3487.2	45846.	4108.1	41.857	3531.8
#3	3537.0	45870.	4107.8	40.856	3573.4

Sample Name: K3037-08 Acquired: 5/28/2019 21:22:25 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K3037-06MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76695	1.8243	.88591	1.8827	.92726	2.0958	.32110	.18750
Stddev	.00346	.0020	.00074	.0061	.00134	.0158	.00189	.00035
%RSD	.45112	.11200	.08366	.32285	.14478	.75182	.58801	.18451
#1	.76664	1.8223	.88654	1.8761	.92589	2.0870	.31945	.18750
#2	.77056	1.8264	.88610	1.8838	.92732	2.0864	.32070	.18716
#3	.76366	1.8241	.88509	1.8881	.92858	2.1140	.32316	.18785
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17882	69.655	.38929	.18582	.29136	3.0957	.47038	14.259
Stddev	.00029	.445	.00087	.00029	.00046	.0079	.00154	.292
%RSD	.16220	.63834	.22429	.15656	.15848	.25423	.32735	2.0503
#1	.17881	69.142	.38828	.18549	.29148	3.0899	.47008	13.989
#2	.17911	69.920	.38973	.18603	.29176	3.0925	.46901	14.220
#3	.17853	69.903	.38985	.18595	.29086	3.1047	.47205	14.570
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46890	.06912	52.258	.30201	.21910	33.387	.50737	.39104
Stddev	.00062	.00034	.296	.00104	.00044	.224	.00090	.02088
%RSD	.13241	.49641	.56604	.34388	.20092	.66959	.17647	5.3387
#1	.46960	.06900	51.917	.30081	.21859	33.160	.50634	.37142
#2	.46840	.06886	52.409	.30256	.21930	33.395	.50786	.41298
#3	.46872	.06951	52.448	.30265	.21940	33.607	.50792	.38871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.394	F 17.513	.82255	.25415	.20446	7.682	.44595	3.4078
Stddev	.067	.049	.00192	.00182	.00131	.012	.00212	.1604
%RSD	.34692	.28217	.23390	.71748	.64000	.1571	.47547	4.7065
#1	19.456	17.551	.82464	.25535	.20322	7.684	.44467	3.5881
#2	19.402	17.531	.82085	.25205	.20435	7.692	.44839	3.3546
#3	19.323	17.457	.82215	.25505	.20583	7.668	.44477	3.2809

Sample Name: K3037-08 Acquired: 5/28/2019 21:22:25 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K3037-06MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2043
Stddev	.3330
%RSD	10.391

#1	2.9249
#2	3.1152
#3	3.5727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.3	45674.	4105.9	41.591	3550.1
Stddev	9.8	85.	16.4	1.951	13.0
%RSD	.27904	.18613	.40009	4.6899	.36651

#1	3506.7	45698.	4095.7	39.345	3538.6
#2	3513.2	45744.	4097.0	42.568	3547.4
#3	3526.0	45579.	4124.8	42.860	3564.2

Sample Name: K3037-06A Acquired: 5/28/2019 21:26:30 Type: Unk

Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8258 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77431	1.8387	.88791	1.9034	.95200	2.1029	.32348	.18822
Stddev	.00343	.0039	.00137	.0113	.00252	.0281	.00262	.00009
%RSD	.44308	.21133	.15439	.59174	.26489	1.3351	.81017	.04995
#1	.77113	1.8357	.88647	1.9072	.94918	2.0716	.32108	.18817
#2	.77795	1.8374	.88805	1.9123	.95404	2.1110	.32308	.18815
#3	.77385	1.8431	.88920	1.8907	.95278	2.1260	.32627	.18832
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17952	69.691	.38956	.18600	.29191	3.1053	.47162	14.236
Stddev	.00036	.347	.00108	.00019	.00083	.0016	.00060	.131
%RSD	.19871	.49851	.27750	.10047	.28483	.05145	.12634	.92090
#1	.17983	69.308	.38871	.18618	.29095	3.1047	.47094	14.125
#2	.17913	69.987	.38919	.18581	.29239	3.1042	.47188	14.203
#3	.17961	69.777	.39078	.18602	.29240	3.1072	.47205	14.381
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47044	.07035	52.496	.30390	.21621	33.463	.52073	.37528
Stddev	.00149	.00056	.300	.00003	.00022	.290	.00031	.01133
%RSD	.31762	.79446	.57053	.00940	.10149	.86783	.05929	3.0199
#1	.47178	.06995	52.157	.30387	.21646	33.142	.52091	.37012
#2	.46883	.07099	52.606	.30393	.21606	33.542	.52038	.36744
#3	.47071	.07012	52.725	.30390	.21610	33.706	.52092	.38827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.582	F 17.562	.84409	.25986	.20729	7.729	.44869	3.4834
Stddev	.201	.110	.00051	.00305	.00245	.022	.00210	.1609
%RSD	1.0244	.62546	.05993	1.1749	1.1840	.2846	.46733	4.6183
#1	19.548	17.605	.84376	.25721	.20833	7.754	.44712	3.6466
#2	19.797	17.643	.84467	.26320	.20905	7.717	.45107	3.4784
#3	19.400	17.437	.84384	.25917	.20449	7.715	.44788	3.3250

Sample Name: K3037-06A Acquired: 5/28/2019 21:26:30 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8258 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5203
Stddev	.3236
%RSD	12.840

#1	2.8268
#2	2.1819
#3	2.5520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.5	45720.	4114.5	41.744	3546.9
Stddev	32.4	14.	25.9	1.220	27.5
%RSD	.92234	.02999	.63003	2.9225	.77646

#1	3516.0	45709.	4094.8	43.034	3544.1
#2	3474.4	45715.	4104.9	41.590	3520.8
#3	3538.1	45735.	4143.9	40.609	3575.7

Sample Name: K3037-10 Acquired: 5/28/2019 21:30:34 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	-.00060	-.00018	.00768	-.00066	.22224	.12529	.00000
Stddev	.00082	.00091	.00070	.00134	.00071	.00872	.00058	.00005
%RSD	74.718	153.61	377.20	17.436	106.92	3.9222	.46348	1272.6

#1	.00198	.00035	-.00056	.00899	.00015	.22822	.12462	-.00005
#2	.00097	-.00065	.00062	.00775	-.00097	.22626	.12560	.00002
#3	.00035	-.00148	-.00061	.00631	-.00116	.21224	.12565	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	68.148	.00112	.00007	.01363	.23854	.27936	12.326
Stddev	.00003	.375	.00049	.00017	.00021	.00122	.00079	.219
%RSD	73.158	.55015	43.657	246.18	1.5206	.51138	.28231	1.7780

#1	.00008	67.809	.00057	-.00001	.01360	.23897	.28022	12.079
#2	.00001	68.083	.00128	-.00004	.01344	.23948	.27867	12.497
#3	.00004	68.551	.00150	.00027	.01385	.23716	.27919	12.401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00016	59.390	.00221	.03073	18.266	.00214	.06805
Stddev	.00012	.00026	.447	.00023	.00022	.128	.00007	.02701
%RSD	3.3249	157.06	.75240	10.334	.72454	.70111	3.4028	39.694

#1	.00369	-.00046	58.893	.00247	.03099	18.179	.00221	.04951
#2	.00379	-.00003	59.758	.00205	.03061	18.413	.00206	.05560
#3	.00355	.00000	59.520	.00210	.03061	18.205	.00215	.09904

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.924	F 16.055	-.00631	.00805	.01182	1.548	.23752	3.2053
Stddev	.080	.064	.00017	.00092	.00115	.002	.00100	.1422
%RSD	.42368	.39555	2.7294	11.421	9.7108	.0943	.42269	4.4379

#1	18.879	16.106	-.00640	.00724	.01049	1.548	.23643	3.2489
#2	19.016	15.984	-.00642	.00905	.01248	1.550	.23772	3.0464
#3	18.876	16.076	-.00611	.00786	.01248	1.547	.23840	3.3207

Sample Name: K3037-10 Acquired: 5/28/2019 21:30:34 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW2-R1-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9779
Stddev	.4688
%RSD	11.786

#1	3.4776
#2	4.0489
#3	4.4073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.7	45586.	4156.7	42.100	3577.3
Stddev	15.3	203.	22.1	.905	16.3
%RSD	.43671	.44616	.53225	2.1501	.45528

#1	3497.0	45541.	4131.2	41.069	3560.3
#2	3527.2	45408.	4167.2	42.765	3592.8
#3	3517.0	45807.	4171.6	42.466	3578.9

Sample Name: K3037-11 Acquired: 5/28/2019 21:34:58 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-20190523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00095	-.00029	.00432	-.00026	.21548	.12726	.00006
Stddev	.00103	.00043	.00094	.00012	.00167	.00978	.00072	.00004
%RSD	66.561	45.324	322.17	2.7157	640.76	4.5369	.56894	60.688
#1	.00095	-.00045	.00022	.00428	.00154	.20691	.12656	.00004
#2	.00273	-.00117	-.00138	.00445	-.00056	.21340	.12800	.00004
#3	.00096	-.00122	.00028	.00422	-.00176	.22612	.12722	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	70.403	.00130	.00017	.01410	.22676	.29045	12.664
Stddev	.00004	.446	.00016	.00013	.00015	.00214	.00030	.134
%RSD	89.069	.63371	11.959	79.451	1.0378	.94424	.10374	1.0549
#1	.00005	69.903	.00117	.00032	.01395	.22816	.29077	12.517
#2	.00009	70.548	.00126	.00011	.01424	.22783	.29040	12.778
#3	.00001	70.759	.00147	.00007	.01410	.22430	.29017	12.698
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00030	60.658	.00232	.03652	18.895	.00201	.07792
Stddev	.00027	.00038	.343	.00040	.00006	.077	.00024	.00880
%RSD	6.9179	127.54	.56518	17.305	.17583	.40828	11.903	11.288
#1	.00372	-.00062	60.403	.00275	.03659	18.825	.00208	.08788
#2	.00422	.00013	61.048	.00195	.03647	18.978	.00220	.07123
#3	.00378	-.00041	60.523	.00225	.03650	18.882	.00174	.07465
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.366	F 16.542	-.00845	.00725	.01146	1.600	.24598	3.1962
Stddev	.088	.033	.00040	.00047	.00161	.002	.00084	.0813
%RSD	.45396	.19888	4.7705	6.4542	14.089	.1044	.34021	2.5425
#1	19.458	16.554	-.00799	.00778	.01315	1.599	.24551	3.2848
#2	19.358	16.505	-.00865	.00703	.01129	1.602	.24548	3.1251
#3	19.283	16.567	-.00872	.00693	.00994	1.599	.24694	3.1787

Sample Name: K3037-11 Acquired: 5/28/2019 21:34:58 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP-20190523 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0249
Stddev	.2736
%RSD	5.4451

#1	4.7766
#2	5.3182
#3	4.9797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.9	45593.	4132.8	42.119	3563.1
Stddev	13.0	170.	14.9	.969	14.1
%RSD	.37010	.37229	.36042	2.3002	.39511

#1	3488.2	45468.	4118.0	42.975	3548.6
#2	3503.6	45525.	4147.8	42.316	3563.8
#3	3513.9	45787.	4132.5	41.067	3576.8

Sample Name: K3037-12 Acquired: 5/28/2019 21:39:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW2-R1-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00173	-.00047	.00650	.00048	.39367	.13194	-.00003
Stddev	.00086	.00042	.00037	.00056	.00074	.01468	.00022	.00005
%RSD	136.50	24.127	78.959	8.6339	153.05	3.7285	.16532	171.25

#1	-.00020	-.00149	-.00085	.00645	.00020	.39282	.13170	-.00006
#2	.00057	-.00221	-.00011	.00709	-.00007	.37944	.13203	-.00005
#3	.00153	-.00149	-.00046	.00597	.00133	.40876	.13211	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	73.180	.00147	.00031	.01421	.38916	.31827	13.111
Stddev	.00004	.443	.00020	.00014	.00010	.00370	.00079	.091
%RSD	65.215	.60592	13.355	45.414	.67807	.94973	.24743	.69185

#1	.00004	72.737	.00168	.00041	.01422	.38623	.31876	13.018
#2	.00003	73.624	.00129	.00037	.01411	.38795	.31869	13.115
#3	.00010	73.179	.00142	.00015	.01430	.39332	.31736	13.199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00410	-.00038	65.537	.00296	.03534	18.306	.00200	.07727
Stddev	.00020	.00013	.400	.00047	.00006	.142	.00008	.00316
%RSD	4.9776	33.889	.60966	15.807	.16881	.77553	4.0489	4.0953

#1	.00425	-.00051	65.081	.00330	.03528	18.149	.00193	.07820
#2	.00417	-.00025	65.708	.00316	.03540	18.426	.00209	.07375
#3	.00387	-.00037	65.823	.00243	.03534	18.343	.00197	.07987

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.780	F 17.288	-.00710	.01687	.01235	1.526	.25221	3.2821
Stddev	.029	.073	.00029	.00422	.00036	.002	.00105	.2186
%RSD	.14422	.42400	4.0915	25.013	2.9298	.1406	.41700	6.6609

#1	19.781	17.355	-.00714	.02153	.01200	1.524	.25181	3.3588
#2	19.808	17.300	-.00680	.01332	.01233	1.528	.25340	3.4521
#3	19.751	17.210	-.00737	.01575	.01272	1.525	.25142	3.0355

Sample Name: K3037-12 Acquired: 5/28/2019 21:39:22 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW2-R1-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8125
Stddev	.1827
%RSD	4.7926

#1	3.6993
#2	3.7149
#3	4.0233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.7	45595.	4121.8	42.509	3553.6
Stddev	14.0	14.	26.3	1.430	15.6
%RSD	.40199	.03119	.63815	3.3649	.43847

#1	3486.7	45580.	4096.7	41.903	3541.1
#2	3480.8	45608.	4119.4	41.482	3548.7
#3	3507.5	45597.	4149.2	44.143	3571.1

Sample Name: K3040-01 Acquired: 5/28/2019 21:43:45 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0444-FIELD-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00011	-.00221	.00105	-.00052	-.00668	.00106	.00002
Stddev	.00282	.00029	.00065	.00089	.00086	.00341	.00010	.00001
%RSD	111.13	265.70	29.169	85.129	166.52	51.086	9.4829	65.643

#1	.00573	-.00026	-.00148	.00088	.00046	-.01048	.00100	.00004
#2	.00039	-.00029	-.00246	.00025	-.00119	-.00386	.00118	.00002
#3	.00150	.00023	-.00270	.00201	-.00083	-.00571	.00101	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00755	.00018	-.00002	-.00094	-.00453	-.00012	.02397
Stddev	.00002	.01851	.00028	.00014	.00017	.00054	.00004	.05947
%RSD	151.98	245.24	154.97	842.21	18.395	11.982	37.815	248.12

#1	-.00004	-.02608	.00012	-.00018	-.00074	-.00392	-.00010	.09261
#2	.00001	-.00751	-.00006	.00006	-.00105	-.00474	-.00009	-.00867
#3	-.00002	.01095	.00048	.00006	-.00103	-.00494	-.00017	-.01203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00026	-.03562	.00026	.00614	.00316	-.00004	-.03233
Stddev	.00013	.00065	.00484	.00019	.00014	.01816	.00017	.02424
%RSD	13.879	253.84	13.595	70.116	2.2179	574.33	450.32	74.955

#1	.00112	.00041	-.03472	.00048	.00601	-.00986	-.00021	-.03491
#2	.00089	-.00029	-.04085	.00018	.00628	-.00457	.00012	-.05518
#3	.00088	-.00088	-.03129	.00014	.00613	.02391	-.00002	-.00691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00828	-.00289	.00066	-.00428	.0033	.00006	1.9480
Stddev	.00098	.00056	.00039	.00142	.00061	.0011	.00001	.1328
%RSD	31.266	6.7168	13.557	216.04	14.160	34.55	19.880	6.8194

#1	.00200	-.00891	-.00301	-.00018	-.00370	.0026	.00008	1.7993
#2	.00376	-.00809	-.00321	-.00015	-.00424	.0027	.00006	2.0551
#3	.00363	-.00785	-.00245	.00229	-.00491	.0046	.00006	1.9895

Sample Name: K3040-01 Acquired: 5/28/2019 21:43:45 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 0444-FIELD-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1169
 Stddev .7789
 %RSD 24.988

#1 2.4320
 #2 2.9545
 #3 3.9641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3820.0	49352.	4252.9	44.289	4136.8
Stddev	3.7	203.	15.7	1.121	7.1
%RSD	.09658	.41183	.36836	2.5300	.17111

#1	3820.3	49504.	4242.0	44.841	4128.7
#2	3823.5	49431.	4245.9	45.027	4141.9
#3	3816.2	49121.	4270.9	43.000	4139.6

Sample Name: K3040-02 Acquired: 5/28/2019 21:48:15 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 0445-FIELD-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00064	-.00209	-.00201	-.00005	-.01857	.00093	.00003
Stddev	.00072	.00064	.00024	.00204	.00020	.00269	.00016	.00004
%RSD	107.56	100.10	11.293	101.09	396.73	14.510	17.704	137.93

#1	-.00017	.00020	-.00182	-.00251	-.00014	-.01893	.00083	-.00001
#2	-.00150	.00136	-.00225	.00022	-.00019	-.01571	.00112	.00004
#3	-.00034	.00034	-.00221	-.00375	.00018	-.02106	.00084	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02947	.00030	-.00014	-.00060	-.00384	-.00003	-.02321
Stddev	.00006	.00552	.00048	.00013	.00033	.00026	.00008	.02037
%RSD	426.89	18.741	162.27	91.301	55.169	6.7506	298.34	87.774

#1	-.00001	.02740	-.00025	-.00001	-.00024	-.00410	.00007	-.03343
#2	-.00003	.02528	.00065	-.00014	-.00066	-.00385	-.00008	.00025
#3	.00008	.03573	.00049	-.00028	-.00089	-.00358	-.00007	-.03643

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00003	.08863	.00024	.00629	.00948	-.00008	-.02322
Stddev	.00010	.00042	.00711	.00011	.00002	.01481	.00038	.00960
%RSD	9.6720	1202.5	8.0170	46.979	.33529	156.21	467.94	41.340

#1	.00110	.00023	.08830	.00023	.00631	.02436	.00032	-.01638
#2	.00092	-.00052	.08169	.00036	.00627	-.00525	-.00044	-.01908
#3	.00096	.00019	.09589	.00013	.00628	.00933	-.00012	-.03419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	.02845	-.00044	-.00038	-.00336	.0035	.00016	2.2071
Stddev	.00175	.00048	.00057	.00059	.00116	.0016	.00005	.0829
%RSD	29.899	1.6702	128.29	153.71	34.577	46.37	30.430	3.7566

#1	.00552	.02830	-.00064	-.00023	-.00277	.0043	.00013	2.2916
#2	.00430	.02898	-.00088	.00012	-.00470	.0016	.00014	2.2037
#3	.00775	.02807	.00020	-.00104	-.00262	.0045	.00022	2.1259

Sample Name: K3040-02 Acquired: 5/28/2019 21:48:15 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 0445-FIELD-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5944
 Stddev .4037
 %RSD 15.559

#1 2.5885
 #2 3.0010
 #3 2.1937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.2	49040.	4223.2	44.492	4093.3
Stddev	1.7	164.	7.3	.458	11.4
%RSD	.04530	.33532	.17274	1.0293	.27842

#1	3782.4	49228.	4215.5	44.225	4106.0
#2	3784.3	48970.	4229.9	44.230	4090.2
#3	3785.8	48922.	4224.3	45.020	4083.8

Sample Name: K3041-13 Acquired: 5/28/2019 21:52:44 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.01840	.00033	.42007	.00618	.02843	6.1454	2.8444	.00165
Stddev	.00421	.00062	.00127	.00248	.00070	.0777	.0126	.00005
%RSD	22.875	190.49	.30229	40.088	2.4769	1.2636	.44129	3.3063
#1	.02247	.00104	.41912	.00724	.02765	6.0560	2.8328	.00171
#2	.01868	.00003	.42151	.00796	.02902	6.1848	2.8577	.00163
#3	.01406	-.00009	.41958	.00335	.02861	6.1955	2.8425	.00161
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	334.22	.07594	.04177	.35200	41.828	3.8375	115.67
Stddev	.00008	.80	.00082	.00037	.00154	.100	.0115	1.19
%RSD	2.8073	.24066	1.0835	.88492	.43797	.23997	.29907	1.0291
#1	.00289	333.78	.07583	.04136	.35279	41.716	3.8248	114.32
#2	.00277	335.15	.07517	.04206	.35299	41.859	3.8406	116.10
#3	.00275	333.74	.07681	.04191	.35022	41.909	3.8471	116.58
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16526	-.00102	F 1961.9	.01537	5.9851	41.946	.00623	.54788
Stddev	.00045	.00029	14.9	.00044	.0093	.288	.00020	.01052
%RSD	.27444	28.609	.75824	2.8610	.15491	.68752	3.2860	1.9205
#1	.16578	-.00110	1978.6	.01488	5.9930	41.623	.00610	.55634
#2	.16498	-.00070	1956.9	.01572	5.9874	42.178	.00612	.53610
#3	.16502	-.00126	1950.2	.01553	5.9749	42.037	.00646	.55121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.402	F 32.739	.05373	.21638	.22014	.4529	3.4939	5.8419
Stddev	.048	.137	.00137	.00310	.00316	.0049	.0075	.0376
%RSD	.28966	.41719	2.5509	1.4347	1.4337	1.081	.21453	.64409
#1	16.428	32.896	.05530	.21316	.21658	.4534	3.4962	5.8224
#2	16.431	32.666	.05279	.21663	.22125	.4574	3.5000	5.8179
#3	16.347	32.654	.05310	.21935	.22259	.4477	3.4856	5.8852

Sample Name: K3041-13 Acquired: 5/28/2019 21:52:44 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.535
Stddev	.450
%RSD	3.9001

#1	11.115
#2	11.481
#3	12.010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.1	37397.	3875.5	38.521	2651.4
Stddev	15.6	59.	22.5	.630	8.0
%RSD	.53232	.15802	.58174	1.6348	.30289

#1	2918.2	37345.	3849.4	38.680	2647.1
#2	2918.0	37461.	3888.6	39.056	2646.4
#3	2945.1	37383.	3888.4	37.827	2660.6

Sample Name: CCV11 Acquired: 5/28/2019 21:57:09 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15033 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1508	4.9832	4.8372	5.0984	4.9453	9.5928	9.8889	.25204
Stddev	.0065	.0075	.0036	.0117	.0025	.0871	.1789	.00146
%RSD	.12653	.14948	.07428	.22887	.05009	.90800	1.8094	.58000
#1	5.1514	4.9748	4.8338	5.1112	4.9427	9.5372	9.6847	.25264
#2	5.1440	4.9858	4.8367	5.0884	4.9477	9.6932	9.9637	.25310
#3	5.1570	4.9890	4.8409	5.0956	4.9455	9.5482	10.018	.25037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4368	25.171	1.0015	2.4360	1.2245	4.9646	2.4849	24.624
Stddev	.0022	.145	.0023	.0024	.0023	.0103	.0045	.199
%RSD	.09171	.57508	.23180	.09819	.18423	.20832	.17912	.80701
#1	2.4371	25.008	1.0014	2.4352	1.2230	4.9666	2.4876	24.483
#2	2.4345	25.220	1.0039	2.4342	1.2233	4.9737	2.4872	24.851
#3	2.4389	25.285	.99923	2.4387	1.2271	4.9534	2.4797	24.539
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4719	1.2770	23.212	2.5197	2.4164	25.100	5.1496	4.9328
Stddev	.0034	.0019	.123	.0062	.0016	.108	.0013	.0303
%RSD	.13871	.15304	.53003	.24651	.06723	.43122	.02588	.61504
#1	2.4702	1.2776	23.314	2.5204	2.4154	25.177	5.1503	4.9015
#2	2.4696	1.2787	23.247	2.5256	2.4154	25.147	5.1481	4.9621
#3	2.4758	1.2749	23.075	2.5132	2.4182	24.976	5.1504	4.9349
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1630	5.2173	5.0021	5.0509	4.9161	5.121	5.0477	F 3.5051
Stddev	.0118	.0324	.0112	.0260	.0217	.003	.0204	.1358
%RSD	.22871	.62018	.22437	.51548	.44159	.0657	.40388	3.8731
#1	5.1598	5.1967	5.0068	5.0218	4.9087	5.125	5.0380	3.6317
#2	5.1531	5.2006	5.0102	5.0589	4.8990	5.119	5.0339	3.3618
#3	5.1760	5.2545	4.9893	5.0719	4.9405	5.119	5.0711	3.5219

Sample Name: CCV11 Acquired: 5/28/2019 21:57:09 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15033 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4182
Stddev .9814
%RSD 28.710

#1 2.2891
#2 3.8997
#3 4.0658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.3	45100.	4073.5	41.108	3431.5
Stddev	3.6	106.	21.9	.465	2.2
%RSD	.10384	.23419	.53749	1.1323	.06315

#1	3485.9	45062.	4080.6	41.510	3431.0
#2	3482.9	45018.	4090.9	40.598	3429.6
#3	3490.1	45219.	4048.9	41.217	3433.9

Sample Name: CCB11 Acquired: 5/28/2019 22:01:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00031	-.00137	.00033	.00144	-.00666	.00123	.00001
Stddev	.00064	.00031	.00039	.00117	.00130	.01561	.00019	.00010
%RSD	37.553	101.54	28.027	354.82	90.199	234.56	15.329	1008.4
#1	.00122	-.00030	-.00120	-.00006	.00007	-.01834	.00129	.00013
#2	.00242	-.00063	-.00182	-.00060	.00160	-.01270	.00102	-.00007
#3	.00145	.00000	-.00111	.00165	.00264	.01107	.00138	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00144	-.00013	-.00018	-.00053	-.00223	.00021	-.00804
Stddev	.00001	.01517	.00019	.00013	.00023	.00050	.00001	.03221
%RSD	12.452	1056.8	154.40	73.162	43.085	22.380	3.9764	400.65
#1	.00005	.01525	-.00028	-.00028	-.00077	-.00208	.00022	.02848
#2	.00006	-.00517	.00009	-.00022	-.00031	-.00278	.00021	-.02020
#3	.00006	-.01439	-.00019	-.00003	-.00051	-.00182	.00020	-.03240
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00007	.27887	.00010	-.00033	.12372	.00072	-.02818
Stddev	.00011	.00056	.00628	.00032	.00007	.00972	.00027	.01920
%RSD	413.16	766.63	2.2523	329.64	20.326	7.8548	37.611	68.138
#1	.00010	.00002	.27300	-.00004	-.00040	.11251	.00103	-.00601
#2	-.00010	-.00068	.28549	.00046	-.00026	.12966	.00053	-.03943
#3	.00008	.00044	.27812	-.00013	-.00032	.12899	.00060	-.03909
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00660	.00096	-.00101	.00028	.00260	.0040	.00028	F 2.5864
Stddev	.00237	.00073	.00046	.00076	.00228	.0024	.00007	.0327
%RSD	35.888	76.725	46.047	272.57	87.399	60.28	24.294	1.2646
#1	.00933	.00054	-.00059	-.00060	.00099	.0013	.00036	2.5573
#2	.00544	.00053	-.00151	.00070	.00521	.0048	.00023	2.5801
#3	.00504	.00180	-.00092	.00073	.00162	.0060	.00026	2.6218

Sample Name: CCB11 Acquired: 5/28/2019 22:01:18 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15033 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8643
Stddev .1205
%RSD 4.2067

#1 2.7704
#2 3.0002
#3 2.8224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.8	47388.	4069.6	41.997	3873.1
Stddev	13.4	114.	23.7	.564	8.8
%RSD	.36547	.24120	.58153	1.3435	.22730

#1	3637.5	47343.	4094.2	41.727	3862.9
#2	3658.1	47304.	4047.0	41.618	3878.2
#3	3662.6	47518.	4067.5	42.645	3878.1

Sample Name: K3041-08 Acquired: 5/28/2019 22:05:47 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00285	.16338	.00210	.00777	.04008	.54505	.00008
Stddev	.00082	.00093	.00059	.00164	.00148	.00321	.00121	.00000
%RSD	184.31	32.552	.35828	77.953	19.075	8.0018	.22291	4.1947

#1	-.00020	-.00320	.16290	.00259	.00874	.03918	.54418	.00008
#2	-.00135	-.00180	.16321	.00343	.00850	.04364	.54453	.00008
#3	.00023	-.00355	.16403	.00027	.00606	.03742	.54644	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	32.651	.00136	.01300	.21681	.02709	.75711	10.253
Stddev	.00002	.294	.00017	.00017	.00029	.00130	.00121	.128
%RSD	.55746	.89961	12.384	1.3338	.13511	4.7973	.15999	1.2449

#1	.00368	32.331	.00123	.01320	.21714	.02680	.75768	10.106
#2	.00366	32.712	.00130	.01291	.21657	.02596	.75793	10.326
#3	.00370	32.909	.00155	.01290	.21671	.02851	.75572	10.328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06590	.00011	292.20	-.00175	3.2106	.77672	-.00019	.00021
Stddev	.00013	.00020	.62	.00041	.0139	.02715	.00004	.00958
%RSD	.19672	180.86	.21375	23.415	.43420	3.4958	21.075	4665.0

#1	.06592	-.00011	291.50	-.00215	3.2211	.80091	-.00019	.00943
#2	.06575	.00027	292.41	-.00177	3.2158	.78190	-.00023	-.00969
#3	.06601	.00017	292.70	-.00133	3.1948	.74735	-.00015	.00088

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60758	.93484	-.00026	.00088	.00844	.0048	.13335	3.8674
Stddev	.00438	.00710	.00093	.00030	.00070	.0010	.00092	.0744
%RSD	.72039	.75953	360.69	34.291	8.3060	20.94	.69213	1.9244

#1	.61246	.93449	-.00123	.00114	.00794	.0037	.13243	3.8943
#2	.60401	.92792	.00062	.00093	.00813	.0056	.13333	3.9245
#3	.60626	.94210	-.00016	.00055	.00924	.0052	.13428	3.7832

Sample Name: K3041-08 Acquired: 5/28/2019 22:05:47 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.7266
 Stddev .4678
 %RSD 5.3609

#1 8.5960
 #2 8.3379
 #3 9.2458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.4	43818.	4062.2	41.980	3361.4
Stddev	9.7	53.	19.3	.695	9.0
%RSD	.28534	.12058	.47607	1.6551	.26634

#1	3402.0	43758.	4066.6	41.886	3355.0
#2	3401.7	43857.	4079.0	42.716	3357.6
#3	3418.7	43840.	4041.1	41.336	3371.7

Sample Name: K3041-12 Acquired: 5/28/2019 22:10:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02371	-.00257	.00792	.00329	.00211	.16906	.17547	.00046
Stddev	.00053	.00119	.00056	.00150	.00146	.00399	.00165	.00007
%RSD	2.2331	46.116	7.0721	45.761	69.339	2.3623	.93813	16.454

#1	.02321	-.00391	.00731	.00270	.00365	.16455	.17415	.00039
#2	.02426	-.00165	.00842	.00500	.00074	.17050	.17494	.00043
#3	.02367	-.00216	.00803	.00217	.00195	.17214	.17731	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	37.539	.00310	.00538	.00609	15.179	.78115	6.6260
Stddev	.00001	.195	.00022	.00023	.00033	.020	.00085	.0583
%RSD	.66467	.51899	6.9654	4.3490	5.4607	.13223	.10913	.87948

#1	-.00085	37.320	.00314	.00551	.00641	15.158	.78039	6.5882
#2	-.00085	37.692	.00329	.00551	.00611	15.197	.78207	6.5966
#3	-.00084	37.606	.00286	.00511	.00575	15.183	.78098	6.6931

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01122	-.00030	286.10	-.00090	.09580	2.6149	.00023	.07103
Stddev	.00025	.00026	.99	.00006	.00028	.0223	.00015	.02217
%RSD	2.2071	89.141	.34765	6.4386	.28920	.85265	67.976	31.206

#1	.01129	-.00059	286.08	-.00097	.09610	2.5955	.00018	.05251
#2	.01094	-.00007	285.11	-.00086	.09574	2.6393	.00010	.06499
#3	.01142	-.00023	287.10	-.00089	.09556	2.6099	.00040	.09559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36771	1.1752	-.00019	.00503	.00478	2.541	.09082	3.5780
Stddev	.00341	.0181	.00079	.00070	.00099	.012	.00041	.1230
%RSD	.92857	1.5360	415.35	13.924	20.730	.4523	.45541	3.4378

#1	.36394	1.1947	-.00038	.00583	.00377	2.553	.09050	3.4404
#2	.37058	1.1720	.00068	.00476	.00482	2.541	.09129	3.6773
#3	.36863	1.1590	-.00086	.00450	.00575	2.530	.09067	3.6164

Sample Name: K3041-12 Acquired: 5/28/2019 22:10:19 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.9651
Stddev .4124
%RSD 5.1776

#1 8.3450
#2 8.0239
#3 7.5265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.0	44366.	4120.1	39.892	3421.3
Stddev	10.4	122.	35.1	1.465	8.5
%RSD	.29919	.27609	.85296	3.6719	.24891

#1	3468.0	44250.	4084.7	39.602	3422.2
#2	3454.8	44352.	4120.5	38.593	3412.3
#3	3475.2	44494.	4155.0	41.480	3429.3

Sample Name: K3051-01 Acquired: 5/28/2019 22:14:50 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ235 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00320	-.00014	.00231	-.00036	.08090	.45826	.00006
Stddev	.00111	.00042	.00059	.00086	.00029	.00551	.00279	.00010
%RSD	94.683	13.173	430.78	36.972	80.156	6.8158	.60890	161.19

#1	-.00149	-.00363	-.00031	.00207	-.00029	.08724	.45628	.00018
#2	-.00210	-.00279	-.00062	.00326	-.00011	.07716	.45704	.00001
#3	.00006	-.00318	.00052	.00161	-.00067	.07832	.46145	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	20.320	.00010	.00883	.01309	.23942	.75804	3.6813
Stddev	.00002	.090	.00015	.00013	.00014	.00287	.00200	.0544
%RSD	2.7820	.44165	156.73	1.4849	1.0472	1.1967	.26392	1.4779

#1	.00064	20.219	.00022	.00890	.01322	.24168	.75615	3.7096
#2	.00067	20.388	-.00008	.00891	.01310	.23620	.75784	3.6186
#3	.00066	20.355	.00015	.00868	.01294	.24038	.76013	3.7158

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01167	-.00012	268.39	-.00188	.24039	2.2283	.00003	.07231
Stddev	.00011	.00047	1.41	.00029	.00043	.0245	.00022	.01054
%RSD	.94767	402.22	.52593	15.277	.17755	1.0978	680.37	14.574

#1	.01164	.00041	266.78	-.00221	.24041	2.2001	-.00013	.06990
#2	.01158	-.00027	268.99	-.00178	.23995	2.2440	-.00005	.06319
#3	.01179	-.00049	269.41	-.00166	.24080	2.2409	.00028	.08385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79336	3.2185	-.00092	.00130	.00499	.0070	.24693	3.5190
Stddev	.00480	.0206	.00072	.00210	.00053	.0004	.00136	.1163
%RSD	.60556	.63919	78.488	161.23	10.652	5.812	.55204	3.3045

#1	.79249	3.2418	-.00174	-.00027	.00524	.0066	.24591	3.3990
#2	.79854	3.2104	-.00048	.00049	.00535	.0071	.24639	3.6312
#3	.78905	3.2031	-.00052	.00370	.00438	.0074	.24848	3.5267

Sample Name: K3051-01 Acquired: 5/28/2019 22:14:50 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ235 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7832
Stddev .1472
%RSD 2.1697

#1 6.8892
#2 6.6152
#3 6.8453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.1	44520.	4102.3	41.872	3442.5
Stddev	8.3	117.	14.7	1.998	1.6
%RSD	.24026	.26383	.35716	4.7708	.04692

#1	3468.5	44387.	4085.5	40.117	3444.0
#2	3459.8	44562.	4112.4	41.454	3442.8
#3	3451.9	44610.	4109.0	44.046	3440.8

Sample Name: K3051-03 Acquired: 5/28/2019 22:19:24 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00381	.00477	.00450	-.00032	.13287	.23015	.00011
Stddev	.00328	.00036	.00049	.00144	.00063	.00998	.00118	.00003
%RSD	147.32	9.4521	10.210	31.950	195.99	7.5091	.51485	26.075

#1	.00031	-.00421	.00476	.00615	.00023	.13629	.22986	.00013
#2	.00601	-.00370	.00527	.00384	-.00100	.12163	.22913	.00008
#3	.00036	-.00351	.00429	.00351	-.00019	.14068	.23145	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	57.267	.00045	.00944	.00353	.20795	1.0037	2.0955
Stddev	.00002	.302	.00014	.00014	.00012	.00218	.0031	.0227
%RSD	4.1479	.52737	30.909	1.4884	3.5145	1.0474	.31280	1.0825

#1	.00054	56.983	.00061	.00928	.00345	.20968	1.0073	2.1021
#2	.00058	57.584	.00037	.00951	.00368	.20867	1.0022	2.1141
#3	.00056	57.232	.00036	.00953	.00348	.20550	1.0017	2.0702

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01394	-.00049	287.05	-.00259	.14116	2.7325	.00009	.04343
Stddev	.00010	.00034	2.46	.00019	.00048	.0268	.00015	.01866
%RSD	.73687	70.467	.85716	7.4019	.33791	.98279	166.04	42.964

#1	.01405	-.00058	284.68	-.00243	.14166	2.7031	-.00006	.03569
#2	.01390	-.00011	289.59	-.00280	.14071	2.7386	.00008	.06471
#3	.01385	-.00077	286.86	-.00255	.14112	2.7557	.00025	.02988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1023	1.4365	-.00112	-.00129	.00531	.0034	.12044	3.8162
Stddev	.0015	.0127	.00046	.00084	.00167	.0013	.00034	.0522
%RSD	.07279	.88362	40.621	65.063	31.423	37.16	.28549	1.3665

#1	2.1040	1.4404	-.00161	-.00037	.00347	.0040	.12032	3.8753
#2	2.1011	1.4468	-.00070	-.00150	.00575	.0043	.12083	3.7971
#3	2.1017	1.4223	-.00106	-.00200	.00672	.0019	.12018	3.7764

Sample Name: K3051-03 Acquired: 5/28/2019 22:19:24 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0157
 Stddev .8475
 %RSD 9.3999

#1 8.0675
 #2 9.2801
 #3 9.6994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.3	44099.	4078.6	40.923	3372.1
Stddev	17.1	85.	39.9	.571	20.9
%RSD	.49734	.19208	.97735	1.3955	.61840

#1	3421.9	44035.	4081.7	40.403	3350.7
#2	3429.5	44066.	4037.3	41.534	3373.0
#3	3454.6	44195.	4116.9	40.831	3392.4

Sample Name: K3051-05 Acquired: 5/28/2019 22:23:57 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00223	.00624	.00147	.00060	.18307	.28093	.00016
Stddev	.00115	.00046	.00068	.00196	.00004	.00821	.00093	.00007
%RSD	430.53	20.465	10.839	132.98	7.0288	4.4868	.33105	40.873

#1	-.00159	-.00172	.00702	.00363	.00060	.18366	.28183	.00017
#2	.00052	-.00236	.00582	.00098	.00064	.19097	.27997	.00009
#3	.00026	-.00260	.00587	-.00019	.00056	.17458	.28098	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	26.448	.00093	.01037	.01913	.02742	.44287	2.3338
Stddev	.00006	.209	.00023	.00013	.00032	.00036	.00095	.0522
%RSD	2.7872	.79163	24.659	1.2420	1.6897	1.3238	.21545	2.2350

#1	.00202	26.261	.00119	.01022	.01950	.02730	.44356	2.3325
#2	.00192	26.409	.00086	.01047	.01897	.02783	.44178	2.2823
#3	.00199	26.674	.00075	.01042	.01892	.02713	.44327	2.3866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00816	-.00023	261.84	-.00101	.23120	1.4377	-.00002	.02903
Stddev	.00033	.00030	3.11	.00035	.00269	.0195	.00020	.00475
%RSD	4.0987	130.41	1.1887	34.703	1.1649	1.3533	889.77	16.346

#1	.00811	-.00055	258.33	-.00096	.23407	1.4175	-.00005	.03135
#2	.00785	-.00017	264.25	-.00138	.23078	1.4393	.00019	.02358
#3	.00851	.00003	262.96	-.00068	.22873	1.4563	-.00021	.03218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2842	2.2018	-.00143	.00150	.00386	.0043	.14514	3.8669
Stddev	.0164	.0149	.00053	.00135	.00144	.0017	.00033	.1019
%RSD	1.2804	.67526	36.995	89.689	37.276	38.94	.23005	2.6362

#1	1.3021	2.1953	-.00188	.00042	.00255	.0029	.14486	3.9773
#2	1.2806	2.1913	-.00085	.00108	.00363	.0038	.14506	3.7764
#3	1.2698	2.2188	-.00155	.00301	.00541	.0062	.14551	3.8471

Sample Name: K3051-05 Acquired: 5/28/2019 22:23:57 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.6970
Stddev	.5206
%RSD	5.9855

#1	8.2406
#2	9.2640
#3	8.5864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.4	44345.	4067.9	41.764	3458.6
Stddev	68.2	116.	8.0	1.802	65.0
%RSD	1.9532	.26230	.19715	4.3152	1.8793

#1	3418.3	44331.	4075.5	42.250	3389.1
#2	3502.6	44237.	4068.6	39.768	3468.7
#3	3553.3	44468.	4059.5	43.273	3517.9

Sample Name: K3053-03 Acquired: 5/28/2019 22:28:31 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00212	.00008	.00258	.00007	.04080	.29272	.00006
Stddev	.00307	.00105	.00017	.00050	.00038	.00482	.00069	.00004
%RSD	154.12	49.710	200.01	19.242	552.16	11.814	.23479	56.593

#1	-.00155	-.00106	-.00003	.00227	-.00023	.03820	.29268	.00010
#2	.00358	-.00212	.00028	.00316	-.00006	.03783	.29206	.00004
#3	.00394	-.00317	.00000	.00232	.00049	.04636	.29343	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	12.946	.00036	.00763	.00005	-.00289	.34288	3.5989
Stddev	.00010	.031	.00035	.00028	.00038	.00013	.00024	.0528
%RSD	256.38	.23728	97.754	3.6135	756.19	4.3888	.06962	1.4683

#1	.00002	12.911	.00043	.00771	.00036	-.00303	.34261	3.6182
#2	-.00005	12.959	.00066	.00785	-.00038	-.00288	.34306	3.5392
#3	.00015	12.968	-.00002	.00732	.00017	-.00278	.34297	3.6394

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00045	260.41	-.00068	.14897	1.1169	.00001	.04805
Stddev	.00019	.00032	.96	.00010	.00071	.0394	.00003	.00809
%RSD	9.0363	70.768	.36733	14.426	.47365	3.5318	294.64	16.833

#1	.00200	-.00066	261.05	-.00057	.14929	1.1229	.00005	.03880
#2	.00230	-.00059	260.87	-.00073	.14816	1.0749	-.00001	.05156
#3	.00196	-.00008	259.31	-.00075	.14945	1.1531	.00000	.05379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67307	1.0118	-.00114	.00154	.00119	.0017	.09836	3.4095
Stddev	.00188	.0091	.00040	.00128	.00109	.0022	.00006	.0954
%RSD	.27962	.90046	34.628	83.659	91.050	132.9	.05781	2.7981

#1	.67396	1.0107	-.00156	.00048	.00002	.0010	.09843	3.4183
#2	.67435	1.0214	-.00077	.00297	.00217	.0041	.09832	3.5002
#3	.67091	1.0033	-.00110	.00116	.00138	-.0002	.09834	3.3100

Sample Name: K3053-03 Acquired: 5/28/2019 22:28:31 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CR-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.9431
 Stddev .9677
 %RSD 13.938

#1 7.9701
 #2 6.8108
 #3 6.0483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.1	44877.	4107.0	41.574	3461.7
Stddev	11.3	131.	27.5	.316	8.3
%RSD	.32140	.29229	.66855	.75980	.23985

#1	3494.4	44726.	4079.2	41.827	3455.1
#2	3515.8	44946.	4107.8	41.220	3471.1
#3	3499.1	44960.	4134.1	41.675	3459.0

Sample Name: K3065-13 Acquired: 5/28/2019 22:33:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-16-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	-.00038	-.00246	.00104	.00361	.00037	-.00440	.08326	.00000
Stddev	.00115	.00087	.00072	.00070	.00130	.00417	.00060	.00008
%RSD	304.74	35.331	69.357	19.432	352.39	94.721	.71525	1983.0

#1	.00082	-.00171	.00158	.00282	.00163	-.00431	.08257	-.00007
#2	-.00047	-.00225	.00132	.00417	.00045	-.00861	.08357	.00009
#3	-.00148	-.00341	.00022	.00384	-.00097	-.00028	.08363	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	162.72	.00868	-.00014	.00177	.00220	.01133	5.4228
Stddev	.00003	.87	.00015	.00030	.00019	.00040	.00008	.0389
%RSD	130.81	.53545	1.7738	209.57	10.559	18.353	.74490	.71678

#1	-.00001	161.76	.00877	-.00029	.00188	.00199	.01139	5.4098
#2	-.00000	163.47	.00850	.00020	.00187	.00267	.01123	5.4665
#3	-.00005	162.93	.00875	-.00033	.00155	.00195	.01135	5.3920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00058	316.02	.00283	.01220	2.7167	.00245	.04250
Stddev	.00014	.00025	1.29	.00055	.00013	.0080	.00022	.00882
%RSD	33.928	43.192	.40824	19.409	1.0260	.29335	8.8400	20.745

#1	-.00035	-.00031	314.83	.00278	.01206	2.7147	.00269	.05147
#2	-.00034	-.00081	317.39	.00339	.01230	2.7100	.00226	.03385
#3	-.00059	-.00062	315.83	.00230	.01225	2.7255	.00240	.04218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3015	3.7699	-.00158	-.00363	.01325	.0254	.66706	3.6641
Stddev	.0204	.0119	.00068	.00237	.00179	.0006	.00333	.1014
%RSD	.32307	.31668	43.324	65.181	13.547	2.424	.49882	2.7661

#1	6.3123	3.7704	-.00161	-.00364	.01377	.0254	.66388	3.5868
#2	6.3142	3.7816	-.00088	-.00599	.01125	.0248	.67052	3.6266
#3	6.2780	3.7577	-.00225	-.00126	.01472	.0260	.66680	3.7788

Sample Name: K3065-13 Acquired: 5/28/2019 22:33:05 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-16-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.837
 Stddev 1.329
 %RSD 12.263

#1 9.3799
 #2 11.982
 #3 11.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.5	43415.	4014.0	40.613	3294.1
Stddev	1.2	68.	18.2	1.226	.6
%RSD	.03690	.15577	.45242	3.0195	.01948

#1	3344.2	43342.	4003.1	39.210	3293.7
#2	3342.1	43429.	4004.0	41.147	3294.8
#3	3344.3	43475.	4035.0	41.481	3293.7

Sample Name: K3065-14 Acquired: 5/28/2019 22:37:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-15-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	.00269	-.00339	.00080	.00096	-.00197	.00165	.20164	-.00005
Stddev	.00087	.00063	.00025	.00237	.00133	.01164	.00061	.00003
%RSD	32.265	18.465	30.798	246.15	67.598	706.82	.30014	61.139

#1	.00238	-.00284	.00077	-.00165	-.00110	-.00197	.20098	-.00006
#2	.00367	-.00326	.00106	.00156	-.00131	-.00776	.20181	-.00002
#3	.00202	-.00407	.00057	.00298	-.00351	.01466	.20215	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	151.12	.00010	.00051	.00073	-.00299	.22445	1.2200
Stddev	.00001	.14	.00036	.00012	.00028	.00031	.00041	.0404
%RSD	5.3018	.09176	357.26	22.396	38.072	10.513	.18090	3.3141

#1	.00021	151.00	.00047	.00055	.00064	-.00302	.22452	1.2659
#2	.00021	151.08	-.00024	.00039	.00105	-.00329	.22401	1.2045
#3	.00023	151.27	.00007	.00061	.00051	-.00267	.22482	1.1896

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	-.00035	281.75	.00111	.06398	.88747	.00023	.01471
Stddev	.00017	.00023	1.60	.00016	.00022	.02729	.00011	.01141
%RSD	2.8709	66.820	.56775	14.127	.35074	3.0746	47.280	77.595

#1	.00598	-.00033	282.23	.00128	.06423	.91394	.00019	.00722
#2	.00624	-.00059	283.06	.00098	.06381	.88904	.00015	.02784
#3	.00591	-.00013	279.97	.00107	.06389	.85944	.00036	.00906

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49082	2.4006	-.00048	-.00453	.01012	.0340	.24600	3.9097
Stddev	.00419	.0035	.00028	.00056	.00198	.0012	.00042	.0978
%RSD	.85439	.14613	58.695	12.377	19.567	3.467	.16939	2.5016

#1	.49158	2.3971	-.00051	-.00449	.00784	.0337	.24615	4.0035
#2	.49458	2.4005	-.00018	-.00399	.01135	.0352	.24553	3.9171
#3	.48630	2.4041	-.00074	-.00511	.01117	.0329	.24632	3.8083

Sample Name: K3065-14 Acquired: 5/28/2019 22:37:39 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-15-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.5773
 Stddev .6623
 %RSD 6.9159

#1 9.1836
 #2 9.2062
 #3 10.342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.3	43584.	4001.6	41.951	3334.7
Stddev	14.8	90.	15.3	1.959	15.2
%RSD	.43808	.20637	.38334	4.6688	.45670

#1	3366.5	43481.	3984.1	39.925	3317.2
#2	3389.2	43623.	4012.7	43.834	3341.9
#3	3394.3	43647.	4008.1	42.093	3345.0

Sample Name: K3065-15 Acquired: 5/28/2019 22:42:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-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	.00092	-.00346	.00159	-.00108	.00111	.00133	.12486	-.00006
Stddev	.00209	.00083	.00033	.00012	.00115	.01276	.00031	.00004
%RSD	227.68	24.076	20.976	11.239	104.05	957.45	.24688	77.263

#1	.00236	-.00347	.00132	-.00122	.00027	.00522	.12455	-.00011
#2	-.00148	-.00262	.00149	-.00098	.00242	.01170	.12486	-.00003
#3	.00186	-.00428	.00197	-.00106	.00063	-.01292	.12517	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	144.21	.00020	-.00046	.00032	-.00691	.02480	6.0386
Stddev	.00006	.45	.00056	.00020	.00015	.00036	.00002	.0823
%RSD	524.15	.30861	277.60	42.277	47.426	5.2144	.09050	1.3628

#1	-.00007	143.71	.00065	-.00045	.00015	-.00728	.02482	5.9843
#2	.00001	144.55	-.00043	-.00027	.00044	-.00657	.02480	5.9982
#3	.00003	144.38	.00038	-.00066	.00035	-.00687	.02477	6.1333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00092	288.00	.00283	.01778	1.8099	.00079	.02532
Stddev	.00031	.00025	.90	.00025	.00008	.0431	.00013	.01851
%RSD	32.317	27.419	.31094	8.7398	.44085	2.3820	15.750	73.110

#1	.00126	-.00065	288.84	.00258	.01771	1.7606	.00080	.01004
#2	.00064	-.00114	288.08	.00307	.01786	1.8405	.00067	.04590
#3	.00101	-.00098	287.06	.00284	.01778	1.8285	.00092	.02001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3561	7.3075	-.00019	-.00317	.00919	.0105	.74084	3.9809
Stddev	.0046	.0578	.00062	.00125	.00150	.0014	.00230	.0666
%RSD	.34299	.79056	322.32	39.509	16.293	13.16	.31073	1.6726

#1	1.3510	7.3388	.00027	-.00360	.00746	.0119	.73861	3.9230
#2	1.3574	7.3429	-.00090	-.00176	.01008	.0104	.74321	3.9660
#3	1.3600	7.2409	.00005	-.00414	.01002	.0091	.74070	4.0537

Sample Name: K3065-15 Acquired: 5/28/2019 22:42:13 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-COMP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.6788
Stddev .7012
%RSD 7.2446

#1 8.9337
#2 9.7772
#3 10.326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.8	43345.	3986.1	39.768	3290.8
Stddev	3.2	84.	17.8	.580	2.4
%RSD	.09540	.19321	.44696	1.4585	.07306

#1	3336.3	43278.	3975.1	39.782	3291.7
#2	3335.7	43439.	3976.5	39.181	3288.0
#3	3341.5	43318.	4006.6	40.340	3292.6

Sample Name: K3065-16 Acquired: 5/28/2019 22:46:48 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	-.00388	-.00079	.00451	-.00050	.06767	.87143	.00052
Stddev	.00312	.00018	.00074	.00129	.00145	.00871	.00629	.00005
%RSD	191.36	4.6756	93.582	28.591	288.18	12.869	.72224	10.449

#1	.00048	-.00385	-.00090	.00347	-.00020	.05776	.86417	.00058
#2	.00517	-.00372	-.00000	.00410	.00077	.07112	.87544	.00051
#3	-.00075	-.00408	-.00147	.00595	-.00208	.07411	.87467	.00047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	25.543	-.00241	.01110	.00125	14.350	1.1570	8.2464
Stddev	.00005	.073	.00008	.00029	.00018	.017	.0027	.1076
%RSD	5.9564	.28654	3.2420	2.6269	14.578	.11886	.23040	1.3048

#1	-.00087	25.472	-.00245	.01110	.00123	14.331	1.1540	8.2174
#2	-.00077	25.618	-.00247	.01139	.00109	14.362	1.1579	8.3655
#3	-.00081	25.537	-.00232	.01081	.00145	14.358	1.1591	8.1562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10881	-.00018	300.31	-.00273	.11689	2.5411	-.00010	.07996
Stddev	.00071	.00049	1.52	.00030	.00074	.0463	.00012	.02088
%RSD	.65102	272.78	.50664	11.065	.63129	1.8212	121.59	26.108

#1	.10933	.00034	298.61	-.00277	.11723	2.4896	-.00024	.05623
#2	.10909	-.00063	300.77	-.00301	.11739	2.5542	-.00001	.08817
#3	.10800	-.00025	301.55	-.00241	.11604	2.5793	-.00006	.09549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48795	2.7179	-.00064	-.00097	.00362	.0046	.10623	3.7749
Stddev	.00548	.0213	.00041	.00027	.00140	.0009	.00034	.0547
%RSD	1.1224	.78499	63.266	28.197	38.839	19.05	.31605	1.4499

#1	.48739	2.7424	-.00084	-.00128	.00213	.0042	.10621	3.7289
#2	.49369	2.7037	-.00091	-.00089	.00380	.0056	.10658	3.8354
#3	.48278	2.7076	-.00018	-.00075	.00492	.0040	.10591	3.7604

Sample Name: K3065-16 Acquired: 5/28/2019 22:46:48 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-14-11-12.0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.3982
 Stddev .4267
 %RSD 5.0810

#1 8.2505
 #2 8.8791
 #3 8.0649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.8	43646.	3986.1	39.432	3343.7
Stddev	27.5	28.	43.4	1.065	25.4
%RSD	.80891	.06488	1.0882	2.7019	.75978

#1	3383.0	43614.	3937.4	38.207	3333.1
#2	3378.8	43664.	4000.2	40.143	3325.3
#3	3428.4	43662.	4020.7	39.946	3372.7

Sample Name: CCV12 Acquired: 5/28/2019 22:51:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0906	4.9063	4.7605	5.0061	4.8603	9.2862	9.6689	.24819
Stddev	.0092	.0082	.0026	.0100	.0045	.0248	.0603	.00037
%RSD	.17991	.16762	.05500	.19916	.09258	.26667	.62408	.14713
#1	5.0802	4.9138	4.7632	5.0152	4.8587	9.3022	9.7156	.24778
#2	5.0946	4.8976	4.7579	5.0077	4.8567	9.2988	9.6008	.24832
#3	5.0971	4.9076	4.7603	4.9954	4.8653	9.2577	9.6903	.24847
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4069	24.986	.99316	2.3950	1.2102	4.9071	2.4452	24.121
Stddev	.0005	.127	.00193	.0029	.0008	.0130	.0052	.117
%RSD	.01951	.50830	.19386	.11917	.06320	.26576	.21158	.48407
#1	2.4064	24.847	.99108	2.3952	1.2093	4.8921	2.4418	24.064
#2	2.4074	25.015	.99488	2.3921	1.2107	4.9135	2.4511	24.256
#3	2.4069	25.096	.99352	2.3978	1.2106	4.9158	2.4426	24.044
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4407	1.2651	23.544	2.4932	2.3717	24.532	5.1070	4.8254
Stddev	.0004	.0020	.093	.0030	.0004	.071	.0047	.0462
%RSD	.01664	.15940	.39504	.12203	.01681	.29139	.09150	.95809
#1	2.4406	1.2649	23.648	2.4933	2.3721	24.545	5.1017	4.8787
#2	2.4404	1.2632	23.516	2.4962	2.3717	24.596	5.1105	4.7955
#3	2.4412	1.2672	23.468	2.4901	2.3713	24.455	5.1090	4.8021
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0474	5.1899	4.9501	5.0071	4.9088	5.032	4.9813	F 3.3186
Stddev	.0078	.0443	.0049	.0215	.0354	.004	.0377	.2127
%RSD	.15507	.85324	.09921	.42934	.72134	.0729	.75784	6.4108
#1	5.0469	5.1390	4.9555	4.9824	4.8680	5.029	4.9391	3.4848
#2	5.0555	5.2117	4.9487	5.0172	4.9274	5.036	4.9933	3.3921
#3	5.0399	5.2191	4.9459	5.0217	4.9311	5.031	5.0117	3.0788

Sample Name: CCV12 Acquired: 5/28/2019 22:51:22 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15029 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3159
Stddev	.6066
%RSD	18.295

#1	3.8105
#2	3.4981
#3	2.6390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.8	45161.	3986.0	40.278	3453.4
Stddev	1.9	155.	24.8	.452	3.7
%RSD	.05436	.34422	.62177	1.1224	.10622

#1	3502.6	45020.	4007.7	40.165	3449.2
#2	3505.6	45328.	3991.4	39.893	3455.7
#3	3506.1	45135.	3959.0	40.776	3455.3

Sample Name: CCB12 Acquired: 5/28/2019 22:55:30 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00079	-.00087	-.00114	-.00039	-.02052	.00113	.00001
Stddev	.00269	.00040	.00025	.00117	.00045	.00591	.00009	.00004
%RSD	604.58	50.429	28.430	102.32	114.34	28.800	7.9632	685.82
#1	-.00119	.00041	-.00079	-.00082	-.00066	-.02588	.00120	.00003
#2	-.00103	.00075	-.00068	-.00017	-.00063	-.01418	.00116	-.00004
#3	.00356	.00120	-.00115	-.00244	.00012	-.02149	.00103	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00441	.00001	.00002	-.00054	-.00247	.00013	-.01943
Stddev	.00008	.01977	.00024	.00028	.00019	.00053	.00002	.01799
%RSD	83.235	448.65	2510.9	1197.6	35.023	21.320	13.004	92.600
#1	.00016	-.02447	.00027	-.00029	-.00032	-.00304	.00015	-.04020
#2	.00013	-.00379	-.00020	.00024	-.00066	-.00236	.00012	-.00961
#3	.00001	.01505	-.00004	.00013	-.00065	-.00200	.00013	-.00849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00016	.10657	.00017	-.00039	.02480	.00059	-.00815
Stddev	.00029	.00014	.00700	.00017	.00004	.03229	.00010	.01716
%RSD	438.45	86.994	6.5733	100.82	11.407	130.20	16.116	210.40
#1	-.00029	.00023	.09892	.00008	-.00039	.00015	.00066	-.01834
#2	.00026	.00026	.10811	.00006	-.00044	.01290	.00048	-.01778
#3	-.00017	-.00000	.11267	.00036	-.00035	.06136	.00063	.01165
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	-.00377	-.00082	.00103	.00035	.0045	.00031	F 2.3455
Stddev	.00136	.00207	.00041	.00222	.00113	.0012	.00009	.0636
%RSD	39.169	54.873	50.179	215.05	318.98	27.71	27.259	2.7121
#1	.00215	-.00180	-.00062	-.00153	-.00057	.0037	.00041	2.3775
#2	.00338	-.00593	-.00129	.00219	.00002	.0059	.00026	2.3867
#3	.00487	-.00358	-.00054	.00243	.00161	.0039	.00027	2.2722

Sample Name: CCB12 Acquired: 5/28/2019 22:55:30 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15029 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5981
Stddev .5880
%RSD 22.631

#1 3.1976
#2 2.5743
#3 2.0224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.3	47320.	4051.0	42.007	3890.6
Stddev	5.5	95.	44.2	1.356	7.1
%RSD	.15025	.19995	1.0917	3.2283	.18319

#1	3677.0	47211.	4021.7	40.723	3898.4
#2	3666.2	47379.	4101.9	41.873	3884.4
#3	3673.7	47370.	4029.5	43.425	3889.1

Sample Name: K3065-17 Acquired: 5/28/2019 22:59:59 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-13-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	-.00011	-.00274	.00027	.00289	.00127	.04073	.22955	.00069
Stddev	.00137	.00089	.00093	.00015	.00058	.00707	.00082	.00012
%RSD	1224.2	32.501	345.68	5.1557	45.453	17.359	.35511	17.571

#1	-.00021	-.00245	-.00058	.00303	.00121	.03586	.23049	.00082
#2	.00131	-.00203	.00012	.00273	.00073	.03750	.22909	.00067
#3	-.00143	-.00374	.00126	.00289	.00188	.04884	.22907	.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	3.8061	.00380	.01617	.00118	10.158	.51776	1.0553
Stddev	.00008	.0132	.00010	.00023	.00026	.008	.00058	.0432
%RSD	14.680	.34632	2.6659	1.4193	22.437	.07531	.11149	4.0935

#1	-.00048	3.7971	.00378	.01591	.00087	10.160	.51722	1.0054
#2	-.00047	3.8000	.00371	.01627	.00135	10.149	.51769	1.0792
#3	-.00060	3.8212	.00391	.01633	.00131	10.164	.51836	1.0813

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13068	-.00038	267.55	-.00115	.10330	1.2492	.00016	.02551
Stddev	.00024	.00016	1.46	.00009	.00037	.0113	.00007	.00336
%RSD	.18510	42.887	.54408	8.2208	.36290	.90574	40.895	13.151

#1	.13080	-.00055	266.67	-.00105	.10356	1.2367	.00017	.02926
#2	.13085	-.00022	266.74	-.00116	.10347	1.2587	.00023	.02450
#3	.13041	-.00037	269.23	-.00124	.10287	1.2523	.00010	.02278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32810	2.3608	-.00065	.00106	.00195	.0034	.02363	3.4975
Stddev	.00237	.0105	.00115	.00188	.00184	.0019	.00008	.1113
%RSD	.72134	.44291	177.93	177.34	94.458	55.50	.34271	3.1807

#1	.32992	2.3579	-.00013	.00193	-.00018	.0027	.02360	3.3875
#2	.32895	2.3725	.00015	-.00110	.00305	.0056	.02372	3.4951
#3	.32542	2.3522	-.00196	.00235	.00296	.0020	.02356	3.6100

Sample Name: K3065-17 Acquired: 5/28/2019 22:59:59 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-13-COMP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.1273
Stddev	.2301
%RSD	3.2285

#1	6.9458
#2	7.0500
#3	7.3861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.6	44644.	4083.3	40.921	3438.9
Stddev	28.4	173.	5.4	.261	23.8
%RSD	.81522	.38780	.13341	.63861	.69207

#1	3465.8	44480.	4089.3	41.200	3419.7
#2	3474.9	44825.	4078.7	40.682	3431.6
#3	3519.0	44627.	4081.9	40.882	3465.5

Sample Name: K3065-18 Acquired: 5/28/2019 23:04:33 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-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	.00237	-.00136	-.00177	.00149	.00074	.01785	.32843	.00071
Stddev	.00188	.00117	.00043	.00225	.00080	.01338	.00371	.00004
%RSD	79.235	86.455	24.395	151.07	107.63	74.962	1.1300	6.1153

#1	.00435	-.00126	-.00164	.00403	.00148	.00351	.32542	.00066
#2	.00215	-.00023	-.00225	.00063	-.00011	.03000	.32729	.00075
#3	.00061	-.00257	-.00142	-.00020	.00085	.02004	.33258	.00070

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	7.1140	-.00158	.08608	.00176	13.275	.93309	7.6830
Stddev	.00002	.0093	.00034	.00021	.00009	.022	.00090	.1553
%RSD	2.9656	.13080	21.790	.24121	5.2181	.16567	.09608	2.0211

#1	-.00061	7.1196	-.00139	.08631	.00166	13.250	.93218	7.5508
#2	-.00062	7.1033	-.00137	.08594	.00184	13.280	.93397	7.6443
#3	-.00065	7.1192	-.00198	.08598	.00177	13.293	.93313	7.8540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46478	-.00010	261.98	-.00236	.10217	.59689	-.00023	.02930
Stddev	.00078	.00048	1.92	.00038	.00023	.02387	.00009	.00958
%RSD	.16750	462.84	.73248	16.248	.22860	3.9998	38.174	32.695

#1	.46413	.00017	260.59	-.00277	.10191	.62345	-.00032	.02115
#2	.46458	.00018	264.17	-.00229	.10221	.58999	-.00016	.02689
#3	.46564	-.00066	261.18	-.00201	.10237	.57722	-.00020	.03985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25549	1.6544	-.00031	.00135	.00097	.0071	.02072	3.3009
Stddev	.00341	.0243	.00055	.00272	.00047	.0000	.00012	.1316
%RSD	1.3332	1.4679	178.72	200.59	48.193	.5799	.57040	3.9872

#1	.25834	1.6824	-.00064	-.00175	.00138	.0070	.02086	3.1564
#2	.25172	1.6388	-.00061	.00250	.00106	.0071	.02067	3.3324
#3	.25641	1.6421	.00033	.00331	.00046	.0071	.02065	3.4139

Sample Name: K3065-18 Acquired: 5/28/2019 23:04:33 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-12-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.5025
 Stddev .2243
 %RSD 2.9898

#1 7.7614
 #2 7.3649
 #3 7.3813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.8	44085.	4029.1	41.278	3385.0
Stddev	18.5	101.	31.7	1.033	14.3
%RSD	.53654	.22810	.78710	2.5035	.42262

#1	3458.9	44193.	3993.0	40.114	3397.0
#2	3446.8	43995.	4042.3	41.630	3388.8
#3	3422.6	44066.	4052.2	42.089	3369.1

Sample Name: K3065-18DUP Acquired: 5/28/2019 23:09:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00214	-.00161	.00378	.00061	.01431	.32528	.00076
Stddev	.00153	.00100	.00103	.00176	.00161	.00672	.00056	.00004
%RSD	103.61	46.430	63.946	46.466	265.53	46.986	.17157	5.2548

#1	.00031	-.00124	-.00196	.00528	.00060	.00961	.32590	.00073
#2	.00091	-.00321	-.00045	.00422	.00223	.02201	.32511	.00075
#3	.00321	-.00198	-.00242	.00185	-.00100	.01130	.32482	.00080

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	7.2796	-.00175	.08622	.00162	13.435	.94614	7.7269
Stddev	.00001	.0252	.00033	.00022	.00041	.042	.00372	.0678
%RSD	1.7889	.34658	18.965	.25156	25.619	.31177	.39270	.87795

#1	-.00067	7.3056	-.00173	.08606	.00153	13.482	.94998	7.6690
#2	-.00066	7.2780	-.00210	.08614	.00207	13.404	.94257	7.8015
#3	-.00068	7.2552	-.00143	.08647	.00125	13.419	.94588	7.7101

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46286	-.00074	261.52	-.00229	.10231	.61560	-.00024	.05988
Stddev	.00075	.00037	1.16	.00028	.00028	.04746	.00020	.00729
%RSD	.16157	50.246	.44276	12.251	.27457	7.7088	82.312	12.178

#1	.46218	-.00086	260.32	-.00244	.10239	.56905	-.00007	.06825
#2	.46366	-.00105	262.63	-.00197	.10200	.61384	-.00046	.05489
#3	.46275	-.00033	261.61	-.00247	.10254	.66391	-.00020	.05650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25591	1.7018	-.00079	.00060	.00061	.0051	.02107	3.3817
Stddev	.00137	.0123	.00057	.00199	.00097	.0012	.00003	.0629
%RSD	.53396	.72135	72.025	330.88	159.69	22.83	.15338	1.8599

#1	.25466	1.7159	-.00057	.00229	.00036	.0042	.02105	3.4408
#2	.25570	1.6958	-.00037	-.00159	.00168	.0047	.02110	3.3156
#3	.25737	1.6937	-.00144	.00110	-.00021	.0064	.02105	3.3887

Sample Name: K3065-18DUP Acquired: 5/28/2019 23:09:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.8056
Stddev .6845
%RSD 8.7694

#1 7.8457
#2 7.1019
#3 8.4692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.6	43926.	3939.8	39.523	3399.2
Stddev	17.8	234.	46.1	.674	10.6
%RSD	.51523	.53383	1.1705	1.7045	.31178

#1	3441.1	43722.	3891.7	39.421	3388.7
#2	3443.7	43874.	3944.0	38.906	3399.0
#3	3473.1	44182.	3983.7	40.242	3409.9

Sample Name: K3065-18LX5 Acquired: 5/28/2019 23:13:37 Type: Unk
Method: P4-ICP2(v3152) 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	.00237	-.00015	-.00038	-.00089	.00064	-.00314	.06312	.00020
Stddev	.00278	.00086	.00036	.00204	.00106	.00561	.00049	.00002
%RSD	117.38	570.96	94.757	228.61	164.08	179.04	.76959	9.9205

#1	-.00076	.00083	-.00018	-.00301	.00164	.00158	.06275	.00022
#2	.00330	-.00079	-.00080	-.00073	-.00047	-.00164	.06293	.00021
#3	.00457	-.00049	-.00017	.00106	.00076	-.00935	.06367	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	1.4164	-.00055	.01655	.00002	2.6683	.18628	1.5117
Stddev	.00009	.0107	.00024	.00008	.00037	.0011	.00045	.0077
%RSD	94.306	.75517	43.511	.50025	2136.2	.04080	.24335	.50764

#1	-.00000	1.4160	-.00028	.01645	-.00039	2.6690	.18667	1.5072
#2	-.00017	1.4059	-.00063	.01661	.00035	2.6670	.18637	1.5073
#3	-.00009	1.4273	-.00074	.01659	.00009	2.6688	.18578	1.5206

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08989	-.00015	49.826	-.00057	.01902	.13881	-.00024	-.00162
Stddev	.00031	.00020	.233	.00032	.00007	.00193	.00008	.01983
%RSD	.34916	130.30	.46683	56.211	.34794	1.3887	34.801	1221.9

#1	.08955	-.00028	49.926	-.00086	.01910	.13773	-.00014	.01411
#2	.09016	.00007	49.991	-.00061	.01899	.13766	-.00027	-.02389
#3	.08996	-.00024	49.560	-.00023	.01899	.14103	-.00030	.00491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04991	.33807	-.00186	.00023	.00124	.0050	.00415	3.1883
Stddev	.00079	.00118	.00005	.00060	.00144	.0004	.00004	.1102
%RSD	1.5748	.35024	2.4408	260.37	116.30	7.794	.96075	3.4578

#1	.05025	.33941	-.00183	.00051	-.00000	.0045	.00414	3.2812
#2	.05047	.33765	-.00184	-.00046	.00282	.0050	.00412	3.2172
#3	.04901	.33715	-.00191	.00064	.00090	.0053	.00419	3.0665

Sample Name: K3065-18LX5 Acquired: 5/28/2019 23:13:37 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8825
Stddev	.2851
%RSD	5.8387

#1	5.0076
#2	4.5562
#3	5.0836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.0	45272.	3943.1	39.477	3582.9
Stddev	4.7	246.	37.5	.434	2.7
%RSD	.13357	.54313	.95062	1.0983	.07657

#1	3518.0	45033.	3901.8	39.932	3585.9
#2	3508.7	45260.	3952.5	39.069	3582.0
#3	3512.4	45524.	3974.9	39.430	3580.6

Sample Name: K3065-18MS Acquired: 5/28/2019 23:18:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMS 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	.77368	1.8041	.89396	1.9485	.71975	1.8630	.55533	.18960	.18534
Stddev	.00382	.0028	.00223	.0086	.00246	.0240	.00771	.00060	.00053
%RSD	.49359	.15562	.24993	.43924	.34178	1.2892	1.3883	.31807	.28566
#1	.77747	1.8071	.89599	1.9522	.72089	1.8371	.55237	.18935	.18559
#2	.77374	1.8037	.89432	1.9546	.72143	1.8672	.54954	.18917	.18569
#3	.76983	1.8016	.89156	1.9387	.71692	1.8846	.56408	.19029	.18473
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9077	.39249	.28077	.26853	17.408	1.2145	10.322	.98180	.07101
Stddev	.0498	.00032	.00067	.00061	.020	.0012	.060	.00141	.00058
%RSD	.55848	.08123	.23791	.22782	.11549	.09744	.57989	.14381	.82119
#1	8.8503	.39243	.28096	.26860	17.420	1.2133	10.323	.98277	.07156
#2	8.9347	.39284	.28132	.26789	17.385	1.2148	10.261	.98246	.07040
#3	8.9381	.39221	.28002	.26910	17.420	1.2156	10.381	.98018	.07106
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	285.94	.29973	.29508	10.556	.39896	.33482	.27053	2.7146	.66720
Stddev	3.04	.00077	.00142	.118	.00013	.01327	.00283	.0159	.00260
%RSD	1.0647	.25608	.48186	1.1188	.03327	3.9645	1.0468	.58732	.38904
#1	284.99	.30060	.29584	10.517	.39910	.32387	.27377	2.7306	.66454
#2	283.49	.29914	.29597	10.463	.39895	.33101	.26854	2.7145	.66972
#3	289.35	.29945	.29344	10.689	.39884	.34959	.26927	2.6987	.66733
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20007	.19831	5.803	.21124	3.5258	6.0286			
Stddev	.00359	.00073	.021	.00239	.1069	.4480			
%RSD	1.7923	.36657	.3695	1.1323	3.0327	7.4309			
#1	.19912	.19817	5.812	.20977	3.6158	5.5957			
#2	.19706	.19766	5.818	.20996	3.4076	5.9999			
#3	.20404	.19909	5.778	.21400	3.5541	6.4903			

Sample Name: K3065-18MS Acquired: 5/28/2019 23:18:05 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMS 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	3392.5	43098.	3866.8	38.555	3322.8
Stddev	10.6	228.	7.7	.816	8.9
%RSD	.31273	.52963	.20008	2.1163	.26681
#1	3381.0	43123.	3860.7	38.666	3312.8
#2	3401.8	43312.	3875.5	39.309	3329.6
#3	3394.7	42858.	3864.3	37.689	3326.1

Sample Name: K3065-18MSD Acquired: 5/28/2019 23:22:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMSD 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	.77439	1.8125	.90108	1.9620	.72246	1.8253	.55163	.19008	.18665
Stddev	.00242	.0030	.00219	.0077	.00304	.0009	.00350	.00036	.00013
%RSD	.31235	.16567	.24250	.39126	.42139	.04752	.63464	.18835	.06993
#1	.77277	1.8150	.90014	1.9598	.71943	1.8244	.54810	.19049	.18654
#2	.77717	1.8092	.89953	1.9557	.72243	1.8262	.55510	.18985	.18663
#3	.77324	1.8133	.90358	1.9705	.72552	1.8253	.55169	.18989	.18679
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8689	.39069	.28303	.26893	17.399	1.2182	10.328	.98588	.07076
Stddev	.0512	.00119	.00066	.00061	.039	.0008	.088	.00234	.00039
%RSD	.57733	.30503	.23393	.22596	.22195	.06231	.85185	.23755	.55064
#1	8.8235	.39118	.28228	.26875	17.443	1.2182	10.270	.98524	.07116
#2	8.9244	.38934	.28333	.26843	17.383	1.2189	10.286	.98393	.07039
#3	8.8588	.39157	.28350	.26961	17.371	1.2174	10.430	.98848	.07074
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	285.36	.29921	.29901	10.544	.39856	.33140	.27369	2.7027	.66633
Stddev	1.84	.00089	.00039	.042	.00098	.02918	.00343	.0110	.00354
%RSD	.64348	.29780	.13038	.40026	.24668	8.8057	1.2522	.40826	.53068
#1	283.45	.29996	.29900	10.519	.39849	.29833	.27755	2.7103	.66971
#2	287.11	.29945	.29863	10.593	.39761	.35353	.27251	2.6901	.66266
#3	285.51	.29822	.29941	10.520	.39958	.34235	.27100	2.7078	.66663
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19778	.19554	5.840	.20923	3.6915	7.0284			
Stddev	.00244	.00045	.012	.00149	.1002	.3291			
%RSD	1.2317	.23046	.2116	.71045	2.7155	4.6828			
#1	.19525	.19505	5.830	.20757	3.6787	6.6605			
#2	.19798	.19593	5.835	.20969	3.5982	7.1297			
#3	.20011	.19564	5.854	.21044	3.7975	7.2949			

Sample Name: K3065-18MSD Acquired: 5/28/2019 23:22:22 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-12-COMPMSD 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	3408.2	43536.	3908.5	39.656	3332.0
Stddev	17.8	68.	9.3	.733	15.4
%RSD	.52157	.15653	.23710	1.8486	.46196
#1	3393.7	43508.	3906.2	38.864	3320.4
#2	3428.0	43485.	3918.7	39.793	3349.4
#3	3402.8	43613.	3900.5	40.310	3326.0

Sample Name: K3065-18A Acquired: 5/28/2019 23:26:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8256 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	.76312	1.7773	.88427	1.9324	.71202	1.8342	.54715	.18664	.18330
Stddev	.00310	.0045	.00052	.0045	.00241	.0132	.00406	.00060	.00020
%RSD	.40678	.25064	.05867	.23220	.33836	.72058	.74268	.32140	.10877

#1	.76541	1.7726	.88480	1.9337	.71352	1.8199	.54312	.18645	.18353
#2	.75959	1.7781	.88377	1.9273	.71330	1.8460	.55125	.18731	.18315
#3	.76435	1.7814	.88423	1.9360	.70924	1.8368	.54707	.18616	.18324

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6152	.38454	.27687	.26426	16.938	1.1837	10.128	.96457	.06953
Stddev	.0057	.00072	.00058	.00036	.054	.0032	.038	.00224	.00007
%RSD	.06625	.18640	.20941	.13804	.31725	.27130	.37591	.23259	.10518

#1	8.6086	.38376	.27620	.26384	16.879	1.1804	10.086	.96212	.06954
#2	8.6180	.38518	.27717	.26448	16.985	1.1868	10.137	.96652	.06960
#3	8.6190	.38466	.27725	.26447	16.951	1.1839	10.160	.96507	.06945

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	277.40	.29378	.29134	10.470	.39238	.33440	.26237	2.6208	.65418
Stddev	1.99	.00127	.00067	.166	.00024	.02817	.00309	.0309	.00174
%RSD	.71866	.43180	.22857	1.5809	.06103	8.4251	1.1767	1.1796	.26602

#1	275.13	.29311	.29061	10.310	.39260	.31308	.25915	2.6476	.65222
#2	278.86	.29524	.29190	10.640	.39212	.36634	.26531	2.5870	.65554
#3	278.21	.29298	.29151	10.461	.39243	.32377	.26267	2.6278	.65477

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19671	.19101	5.734	.20712	3.0101	6.2350
Stddev	.00190	.00117	.016	.00147	.1016	.2690
%RSD	.96408	.61117	.2748	.70975	3.3752	4.3142

#1	.19869	.19117	5.717	.20879	3.0192	6.0479
#2	.19491	.18977	5.749	.20602	3.1069	6.1137
#3	.19654	.19209	5.737	.20655	2.9043	6.5432

Sample Name: K3065-18A Acquired: 5/28/2019 23:26:39 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8256 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	3467.1	44328.	4041.0	40.568	3396.0
Stddev	3.3	182.	30.3	.380	6.8
%RSD	.09535	.41069	.74887	.93656	.20013
#1	3470.9	44397.	4007.7	41.005	3403.9
#2	3466.0	44122.	4066.8	40.385	3392.5
#3	3464.6	44466.	4048.6	40.314	3391.7

Sample Name: CCV13 Acquired: 5/28/2019 23:30:57 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1430	4.9368	4.7746	5.0410	4.8773	9.4514	9.7547	.24986
Stddev	.0044	.0052	.0033	.0055	.0085	.1088	.1299	.00033
%RSD	.08533	.10439	.06876	.10887	.17490	1.1512	1.3313	.13044
#1	5.1478	4.9326	4.7720	5.0351	4.8804	9.3393	9.6106	.25023
#2	5.1418	4.9352	4.7736	5.0459	4.8676	9.4585	9.7910	.24970
#3	5.1393	4.9425	4.7783	5.0420	4.8838	9.5566	9.8626	.24964
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4242	25.217	1.0014	2.4073	1.2201	4.9332	2.4560	24.133
Stddev	.0008	.160	.0007	.0041	.0010	.0017	.0026	.363
%RSD	.03122	.63460	.06770	.17102	.08463	.03504	.10465	1.5052
#1	2.4245	25.037	1.0007	2.4035	1.2208	4.9346	2.4586	23.795
#2	2.4233	25.345	1.0020	2.4068	1.2189	4.9312	2.4559	24.086
#3	2.4247	25.269	1.0017	2.4117	1.2206	4.9337	2.4535	24.517
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4662	1.2826	23.762	2.5185	2.3775	24.725	5.1611	4.8241
Stddev	.0024	.0004	.132	.0056	.0022	.205	.0087	.0689
%RSD	.09928	.03071	.55355	.22294	.09259	.82896	.16799	1.4279
#1	2.4634	1.2828	23.614	2.5223	2.3771	24.506	5.1554	4.7620
#2	2.4671	1.2829	23.807	2.5211	2.3756	24.755	5.1568	4.8121
#3	2.4680	1.2822	23.865	2.5121	2.3799	24.913	5.1711	4.8982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1083	5.2753	5.0103	5.0721	5.0157	5.090	5.0378	F 3.2708
Stddev	.0144	.0264	.0012	.0348	.0181	.008	.0249	.1138
%RSD	.28223	.50054	.02378	.68635	.36144	.1501	.49493	3.4780
#1	5.1030	5.2924	5.0097	5.0325	5.0106	5.093	5.0159	3.3953
#2	5.1246	5.2885	5.0096	5.0976	5.0358	5.096	5.0649	3.1724
#3	5.0972	5.2449	5.0117	5.0863	5.0006	5.081	5.0325	3.2447

Sample Name: CCV13 Acquired: 5/28/2019 23:30:57 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15030 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2956
Stddev	.9733
%RSD	29.532

#1	3.4023
#2	2.2733
#3	4.2110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.6	44610.	3923.3	39.226	3419.5
Stddev	10.7	195.	9.0	.596	11.3
%RSD	.30656	.43733	.22948	1.5205	.33109

#1	3485.1	44751.	3915.2	38.620	3431.7
#2	3480.2	44692.	3921.7	39.812	3417.3
#3	3464.7	44387.	3933.0	39.245	3409.4

Sample Name: CCB13 Acquired: 5/28/2019 23:35:06 Type: Unk
 Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15030 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00111	-.00065	.00011	.00023	-.00908	.00122	.00002
Stddev	.00107	.00080	.00036	.00115	.00050	.00397	.00023	.00006
%RSD	48.590	71.623	55.078	1071.1	218.86	43.773	18.917	275.78
#1	.00098	.00180	-.00070	-.00104	.00031	-.00460	.00106	.00009
#2	.00294	.00024	-.00099	.00010	-.00031	-.01218	.00149	.00002
#3	.00272	.00131	-.00027	.00126	.00068	-.01046	.00112	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00085	.00004	-.00007	-.00039	-.00191	.00011	.01922
Stddev	.00005	.00583	.00009	.00022	.00026	.00017	.00003	.02968
%RSD	176.70	689.42	206.98	323.35	65.840	9.1416	29.718	154.43
#1	.00008	-.00416	-.00002	-.00018	-.00043	-.00211	.00009	-.01045
#2	.00001	-.00055	.00015	.00018	-.00011	-.00182	.00009	.04891
#3	-.00001	.00724	.00000	-.00021	-.00062	-.00179	.00014	.01920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00011	.08862	.00020	-.00054	.01456	.00089	-.01370
Stddev	.00010	.00015	.00552	.00026	.00004	.01485	.00036	.00616
%RSD	46.375	138.33	6.2235	127.63	6.6784	102.02	40.074	44.948
#1	.00030	-.00020	.09215	.00030	-.00055	.00952	.00127	-.01037
#2	.00023	.00006	.08227	.00041	-.00057	.03127	.00083	-.00992
#3	.00010	-.00019	.09146	-.00009	-.00050	.00288	.00057	-.02080
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00000	-.00111	.00303	.00160	.0038	.00031	F 2.3633
Stddev	.00160	.00198	.00100	.00126	.00030	.0003	.00002	.1627
%RSD	46.301	49101.	89.838	41.621	18.862	8.688	7.7086	6.8844
#1	.00163	-.00228	-.00018	.00440	.00127	.0038	.00030	2.5074
#2	.00414	.00134	-.00100	.00191	.00185	.0041	.00030	2.3956
#3	.00459	.00093	-.00217	.00278	.00168	.0035	.00034	2.1868

Sample Name: CCB13 Acquired: 5/28/2019 23:35:06 Type: Unk
Method: P4-ICP2(v3152) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15030 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2474
Stddev .8208
%RSD 36.521

#1 1.5179
#2 3.1361
#3 2.0881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.2	46728.	3941.2	41.213	3866.0
Stddev	14.4	243.	24.0	1.631	16.7
%RSD	.39570	.52053	.60836	3.9567	.43156

#1	3633.0	46450.	3940.0	43.032	3849.6
#2	3646.7	46833.	3965.8	39.882	3865.4
#3	3661.8	46902.	3917.9	40.725	3883.0