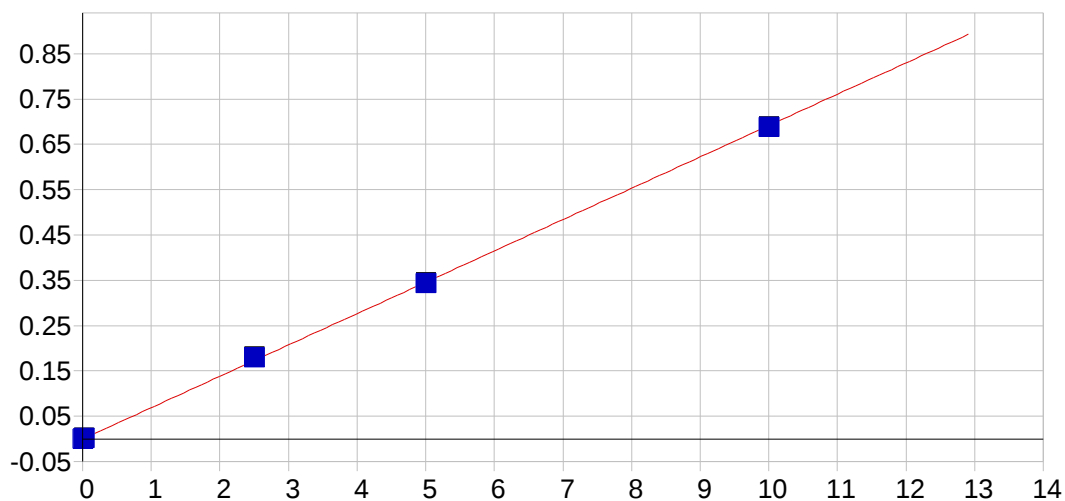


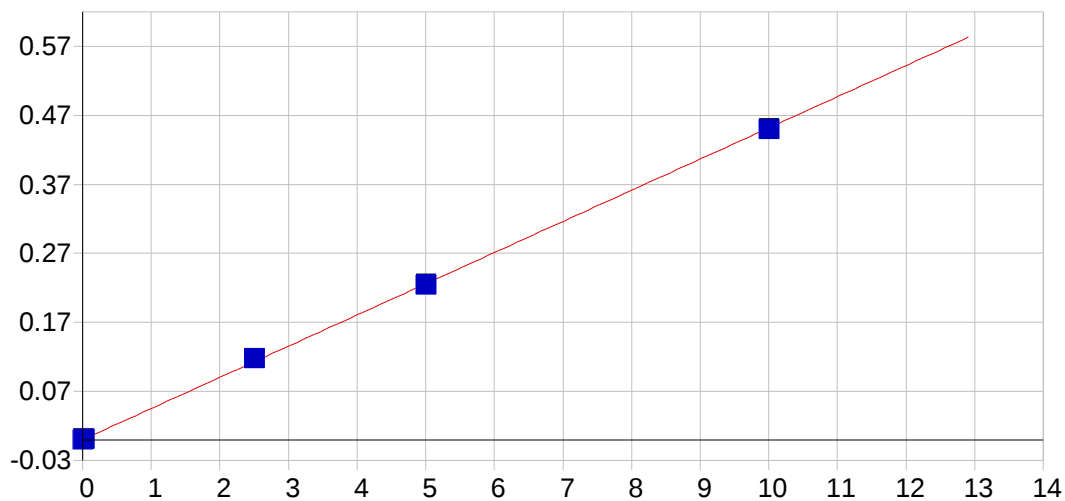


As 189.042 {478}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.069165 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002297
 Predicted MQL: 0.007656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.02000	.02197	.002	9.86	.00130	.000	1
S3	2.5000	2.5946	.095	3.78	.17922	.000	1
S4	5.0000	4.9669	-.033	-.662	.34329	.001	1
S5	10.000	9.9365	-.063	-.635	.68699	.001	1



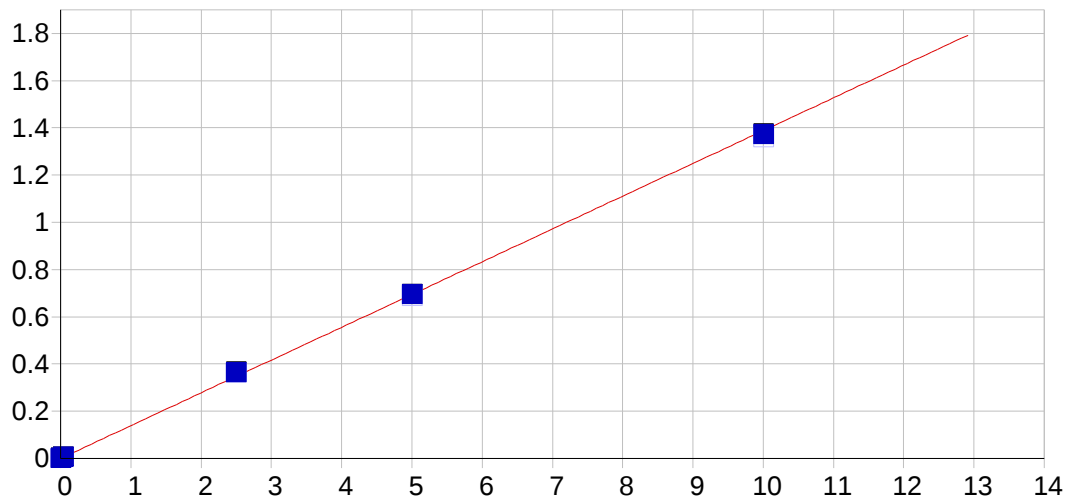
As 189.042 {479}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000057 Re-Slope: 1.000000

A1 (Gain): 0.045175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002244
 Predicted MQL: 0.007479

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02081	.001	4.05	.00100	.000	1
S3	2.5000	2.5948	.095	3.79	.11728	.000	1
S4	5.0000	4.9596	-.040	-.809	.22411	.001	1
S5	10.000	9.9448	-.055	-.552	.44932	.001	1

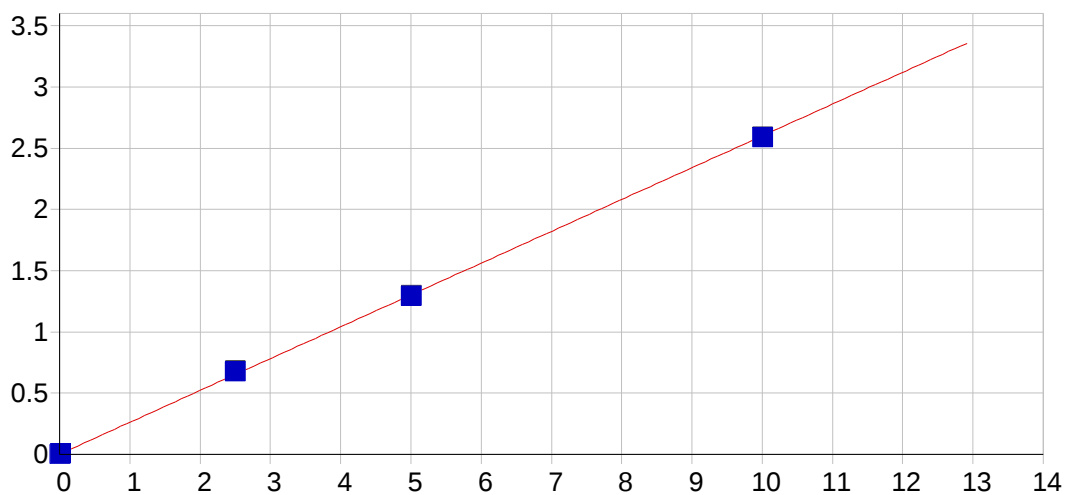


TI 190.856 {477}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.138815 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000948
 Predicted MQL: 0.003161

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.04000	.04323	.003	8.07	.00613	.000	1
S3	2.5000	2.6222	.122	4.89	.36072	.002	1
S4	5.0000	4.9947	-.005	-.107	.68649	.001	1
S5	10.000	9.8800	-.120	-1.20	1.3575	.003	1

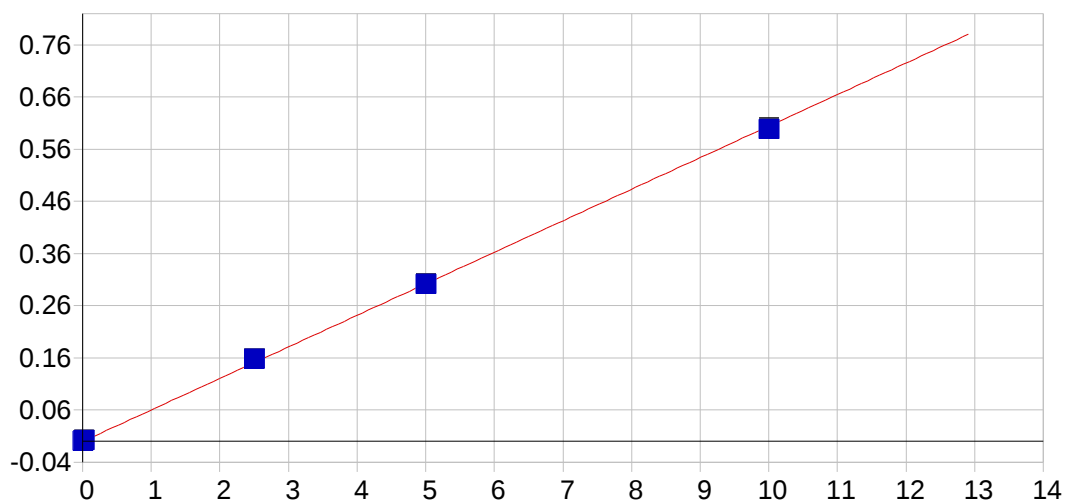


Pb 220.353 {453}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002529 Re-Slope: 1.000000
 A1 (Gain): 0.259764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000820
 Predicted MQL: 0.002733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00253	.000	1
S1	.01200	.01280	.001	6.64	.00579	.000	1
S3	2.5000	2.5918	.092	3.67	.67490	.001	1
S4	5.0000	4.9602	-.040	-.796	1.2892	.005	1
S5	10.000	9.9472	-.053	-.528	2.5829	.001	1



Se 196.090 {472}

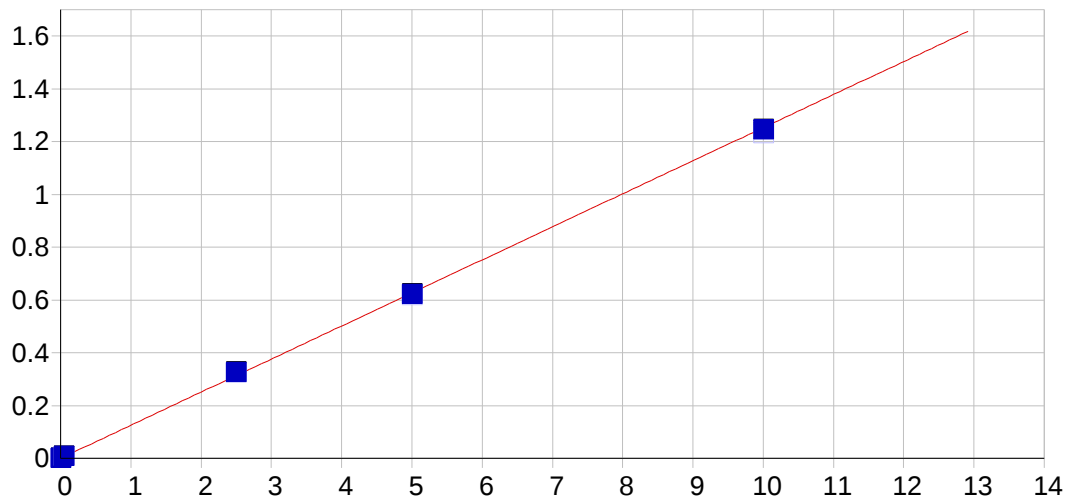
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.060455 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827
 Std Error of Est: 0.000027
 Predicted MDL: 0.002496
 Predicted MQL: 0.008321

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.02000	.02260	.003	13.0	.00125	.000	1
S3	2.5000	2.6085	.108	4.34	.15755	.000	1
S4	5.0000	4.9882	-.012	-.237	.30138	.001	1
S5	10.000	9.9008	-.099	-.992	.59831	.002	1



Sb 206.833 {463}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

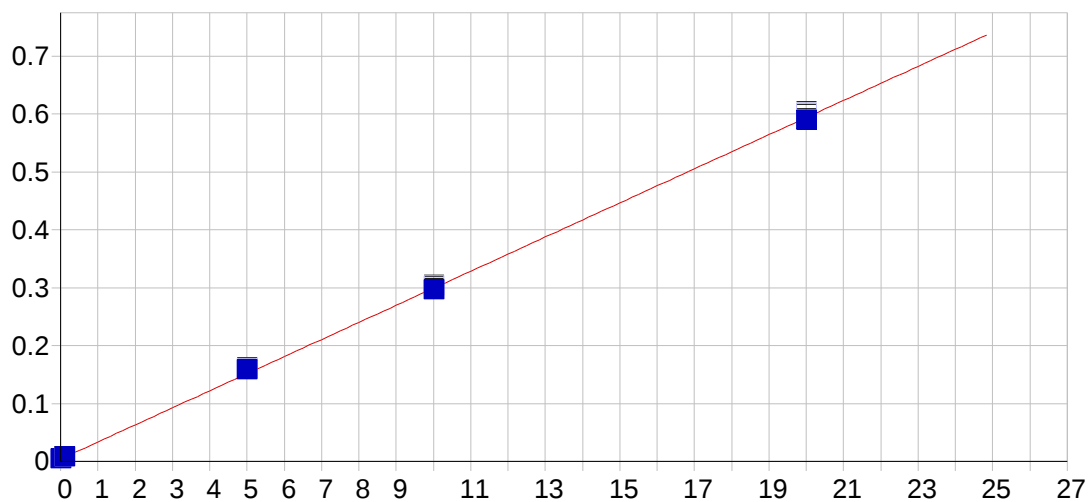
Weighting: 1/Conc

A0 (Offset): 0.000259
 A1 (Gain): 0.125258
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000080
 Predicted MDL: 0.001469
 Predicted MQL: 0.004897

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	.00026	.000	1
S1	.05000	.05239	.002	4.78	.00667	.000	1
S3	2.5000	2.6010	.101	4.04	.32253	.001	1
S4	5.0000	4.9640	-.036	-.721	.61499	.002	1
S5	10.000	9.9327	-.067	-.673	1.2303	.002	1

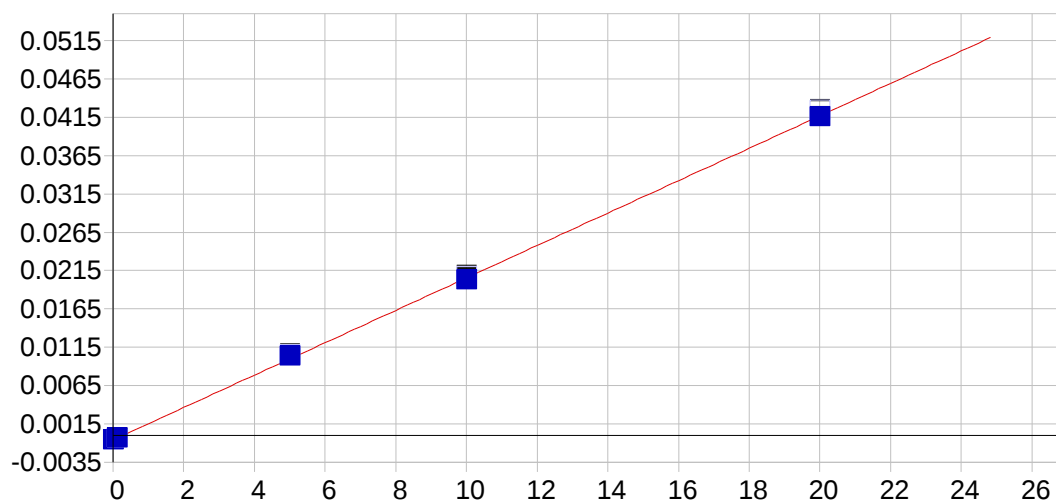


AI 308.215 {109}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004056 Re-Slope: 1.000000
 A1 (Gain): 0.029497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002772
 Predicted MQL: 0.009242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00406	.000	1
S1	.10000	.11272	.013	12.7	.00759	.000	1
S3	5.0000	5.2111	.211	4.22	.16070	.000	1
S4	10.000	9.9211	-.079	-.789	.30257	.001	1
S5	20.000	19.855	-.145	-.727	.60145	.002	1



AI 309.271 {109}

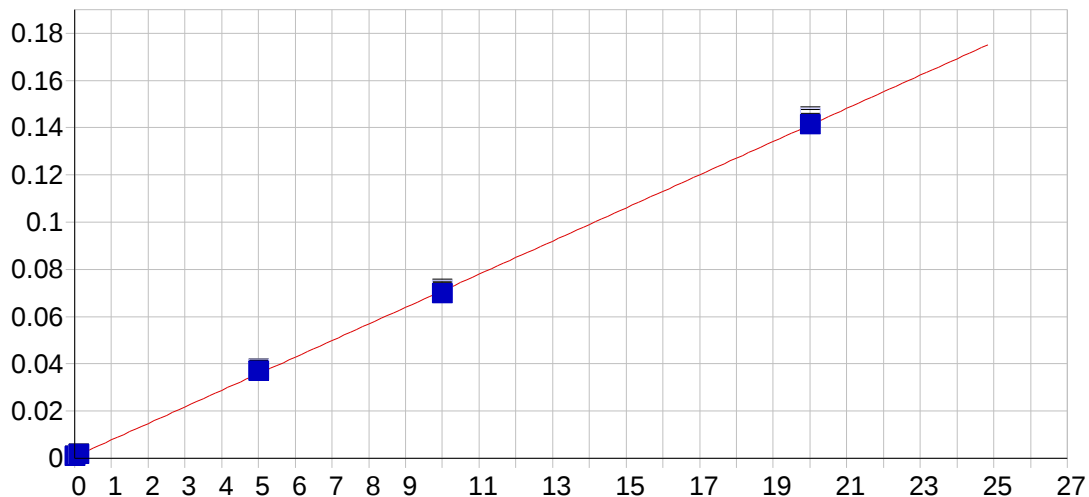
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000590 Re-Slope: 1.000000
 A1 (Gain): 0.002113 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000002
 Predicted MDL: 0.027278
 Predicted MQL: 0.090926

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00059	.000	1
S1	.10000	.11121	.011	11.2	-.00034	.000	1
S3	5.0000	5.1669	.167	3.34	.01054	.000	1
S4	10.000	9.8838	-.116	-1.16	.02072	.000	1
S5	20.000	19.938	-.062	-.312	.04239	.000	1



AI 396.152 { 85}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

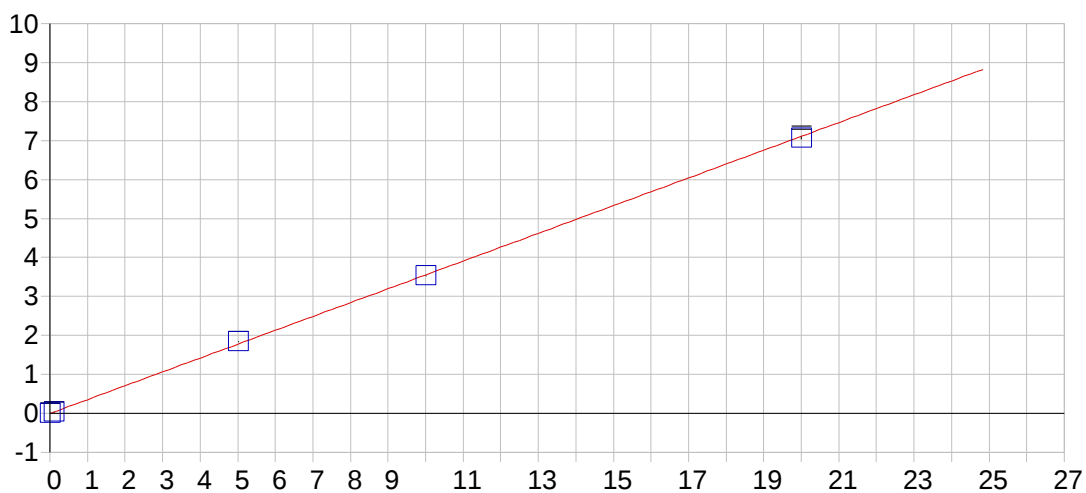
Weighting: 1/Conc

A0 (Offset): 0.000717
 A1 (Gain): 0.007022
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856
 Std Error of Est: 0.000009
 Predicted MDL: 0.012725
 Predicted MQL: 0.042418

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	.00072	.000	1
S1	.10000	.11625	.016	16.2	.00158	.000	1
S3	5.0000	5.1577	.158	3.15	.03763	.000	1
S4	10.000	9.8306	-.169	-1.69	.07114	.000	1
S5	20.000	19.995	-.005	-.027	.14391	.001	1

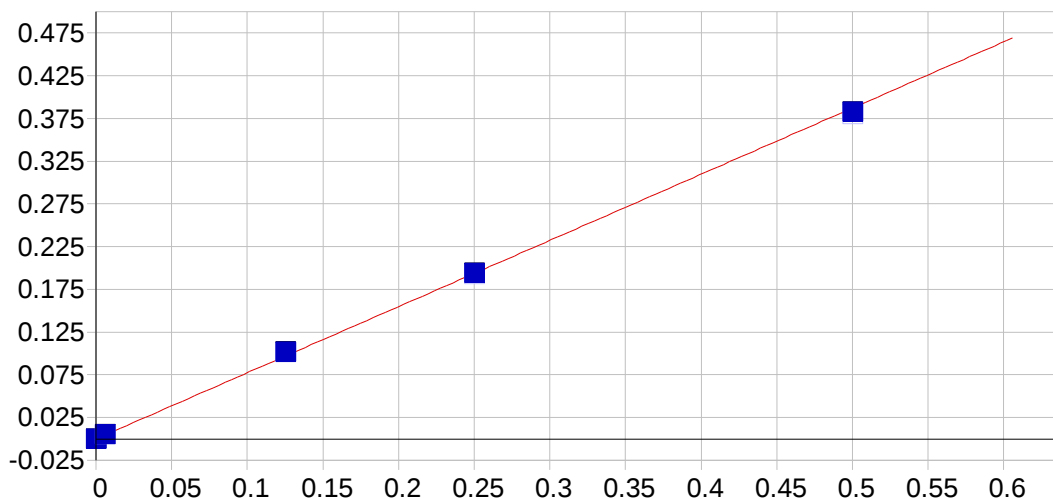


Ba 493.409 { 68}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001391 Re-Slope: 1.000000
 A1 (Gain): 0.355442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000400
 Predicted MDL: 0.000547
 Predicted MQL: 0.001824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00139	.000	1
S1	.10000	.10543	.005	5.43	.03608	.000	1
S3	5.0000	5.1763	.176	3.53	1.8385	.003	1
S5	20.000	19.877	-.123	-.617	7.0636	.039	1
S4	10.000	9.9417	-.058	-.583	3.5323	.005	1



Be 234.861 {144}

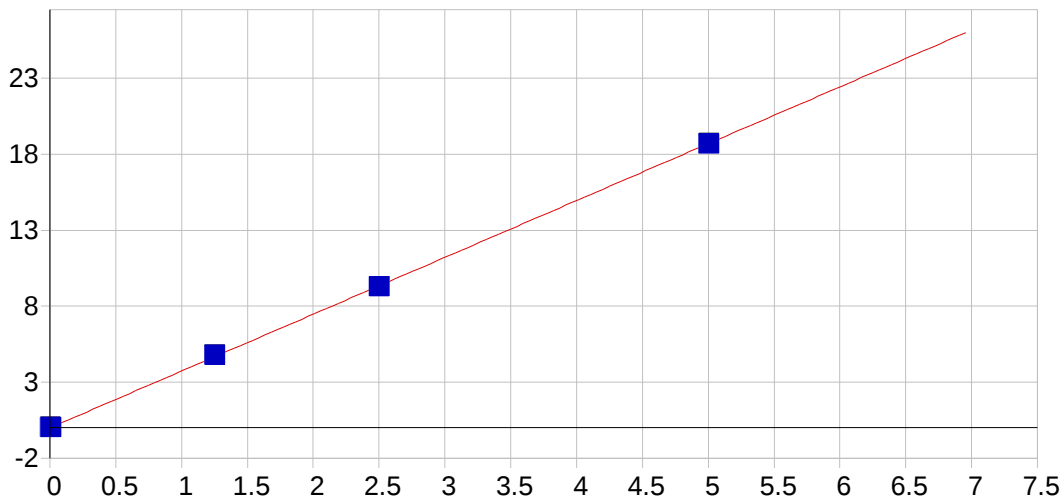
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.774532 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758
 Std Error of Est: 0.000050
 Predicted MDL: 0.000069
 Predicted MQL: 0.000230

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00653	.001	8.84	.00500	.000	1
S3	.12500	.13102	.006	4.81	.10086	.000	1
S4	.25000	.24998	-.000	-.010	.19239	.000	1
S5	.50000	.49348	-.007	-1.30	.37977	.001	1



Cd 226.502 {449}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

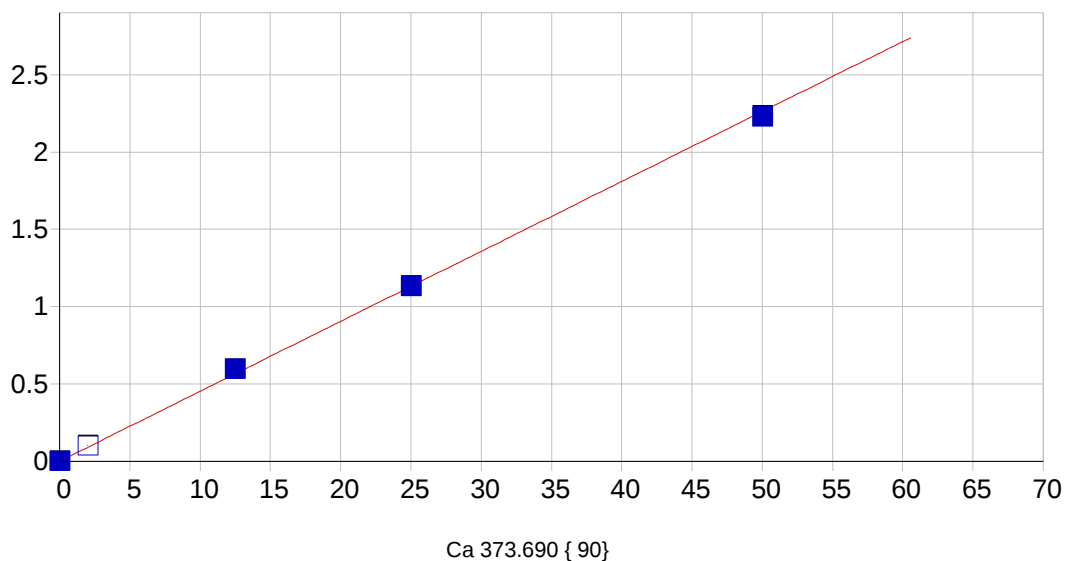
Weighting: 1/Conc

A0 (Offset): -0.000234
 A1 (Gain): 3.737125
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000319
 Predicted MDL: 0.000065
 Predicted MQL: 0.000215

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

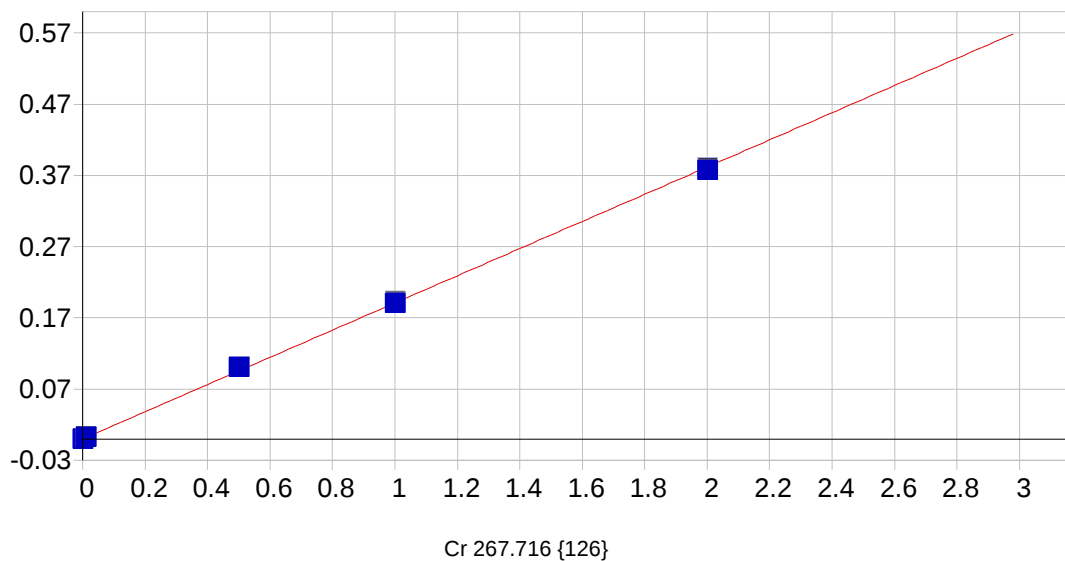
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.00600	.00605	.000	.841	.02242	.000	1
S3	1.2500	1.2758	.026	2.06	4.7686	.002	1
S4	2.5000	2.4781	-.022	-.876	9.2629	.028	1
S5	5.0000	4.9961	-.004	-.079	18.675	.009	1



Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000762 Re-Slope: 1.000000
 A1 (Gain): 0.045218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619 Status: OK.
 Std Error of Est: 0.000682
 Predicted MDL: 0.015803
 Predicted MQL: 0.052676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2169	.217	10.8	.10100	.001	1
S0	.00000	-.00028	-.000	.000	.00075	.000	1
S3	12.500	13.124	.624	4.99	.59450	.001	1
S4	25.000	24.983	-.017	-.067	1.1311	.002	1
S5	50.000	49.176	-.824	-1.65	2.2256	.010	1



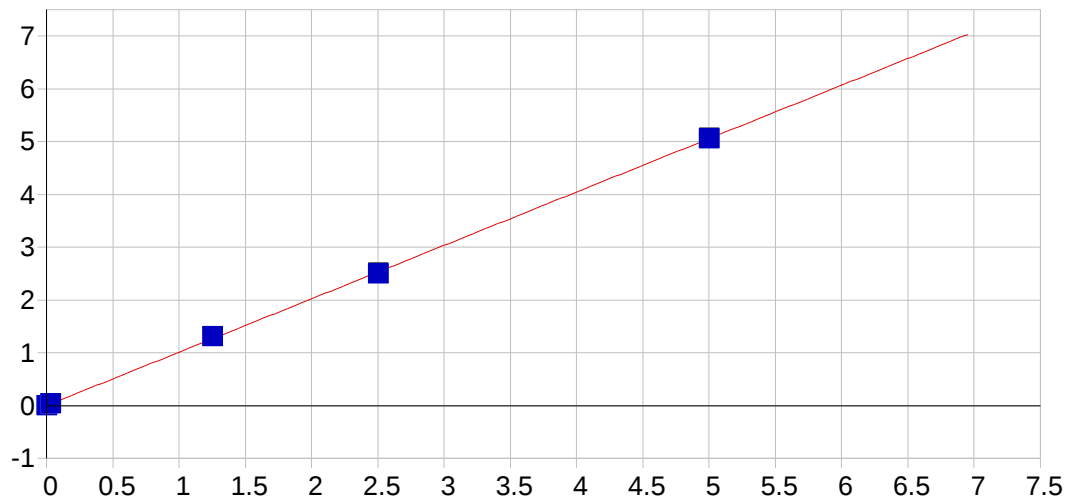
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.190916 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776
 Std Error of Est: 0.000031
 Predicted MDL: 0.000396
 Predicted MQL: 0.001320

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01088	.001	8.80	.00207	.000	1
S3	.50000	.52482	.025	4.96	.10093	.000	1
S4	1.0000	.99805	-.002	-.195	.19203	.001	1
S5	2.0000	1.9763	-.024	-1.19	.38028	.000	1



Co 228.616 {447}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

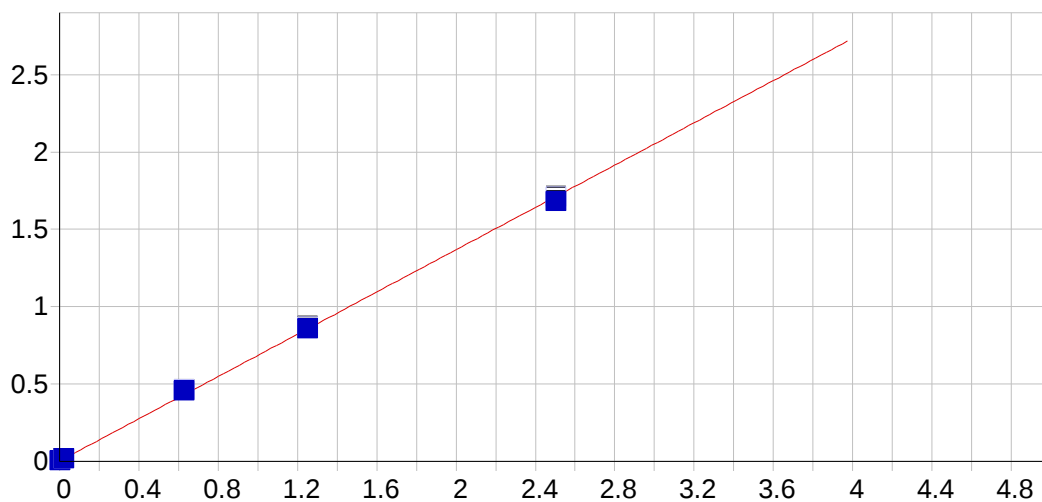
Weighting: 1/Conc

A0 (Offset): -0.000554
 A1 (Gain): 1.011503
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000262
 Predicted MDL: 0.000202
 Predicted MQL: 0.000674

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00055	.000	1
S1	.03000	.03010	.000	.343	.02969	.000	1
S3	1.2500	1.2837	.034	2.70	1.2989	.003	1
S4	2.5000	2.4669	-.033	-1.32	2.4967	.011	1
S5	5.0000	4.9993	-.001	-.014	5.0602	.004	1

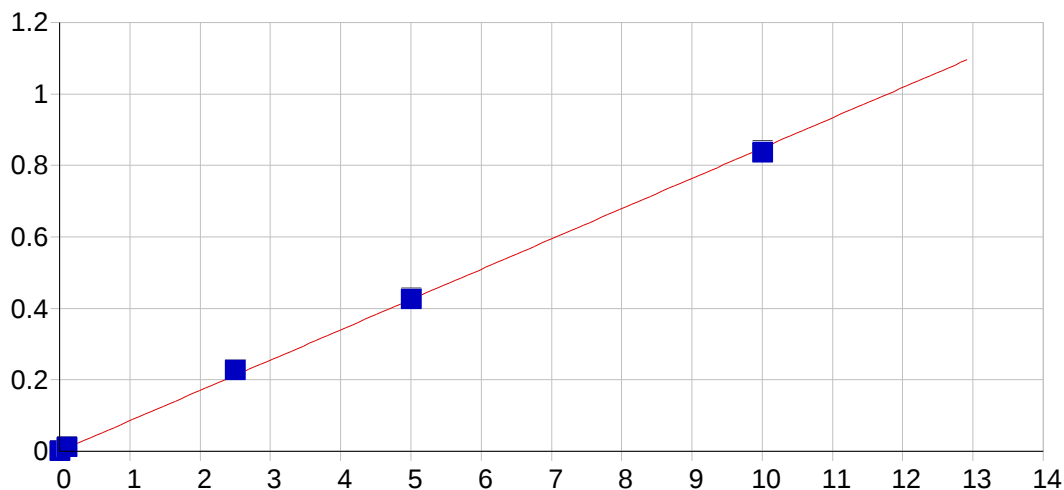


Cu 224.700 {450}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002141 Re-Slope: 1.000000
 A1 (Gain): 0.683103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999606 Status: OK.
 Std Error of Est: 0.000236
 Predicted MDL: 0.000376
 Predicted MQL: 0.001252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00214	.000	1
S1	.02000	.02229	.002	11.5	.01758	.000	1
S3	.62500	.66537	.040	6.46	.46355	.000	1
S4	1.2500	1.2494	-.001	-.045	.86943	.002	1
S5	2.5000	2.4579	-.042	-1.68	1.7087	.003	1



Fe 240.488 {140}

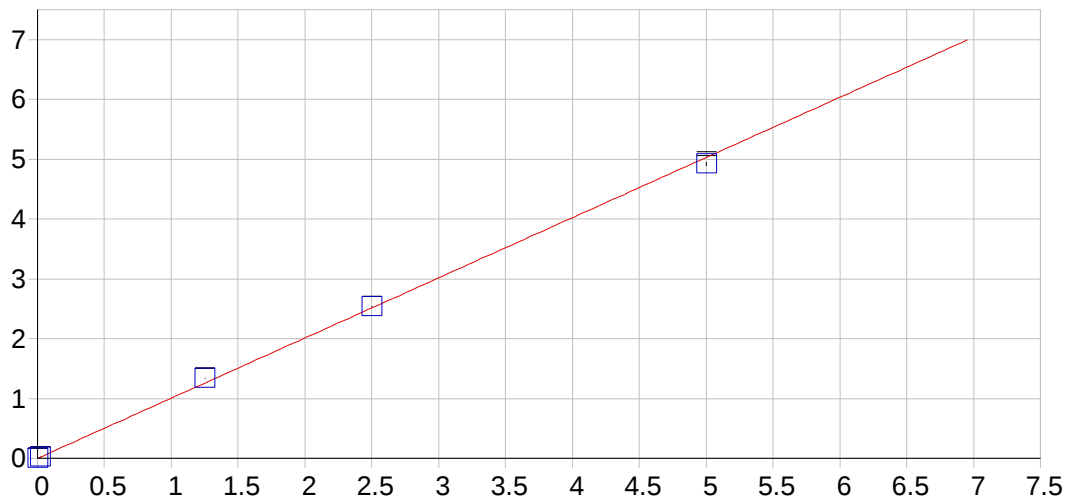
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000700 Re-Slope: 1.000000
 A1 (Gain): 0.084786 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999615
 Std Error of Est: 0.000128
 Predicted MDL: 0.000696
 Predicted MQL: 0.002319

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00070	.000	1
S1	.10000	.10912	.009	9.12	.00999	.000	1
S3	2.5000	2.6599	.160	6.40	.22701	.000	1
S4	5.0000	4.9921	-.008	-.158	.42554	.002	1
S5	10.000	9.8389	-.161	-1.61	.83806	.002	1



Mn 257.610 {131}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

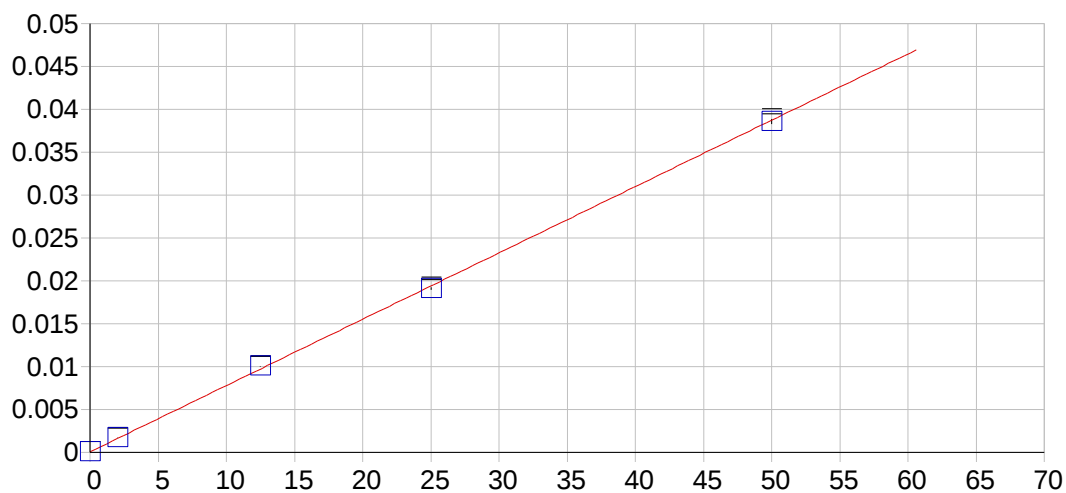
Weighting: 1/Conc

A0 (Offset): 0.000200
 A1 (Gain): 1.005860
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531
 Std Error of Est: 0.000526
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

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	.00020	.000	1
S1	.02000	.02274	.003	13.7	.02308	.000	1
S3	1.2500	1.3330	.083	6.64	1.3410	.001	1
S4	2.5000	2.5190	.019	.762	2.5340	.004	1
S5	5.0000	4.8952	-.105	-2.10	4.9241	.030	1

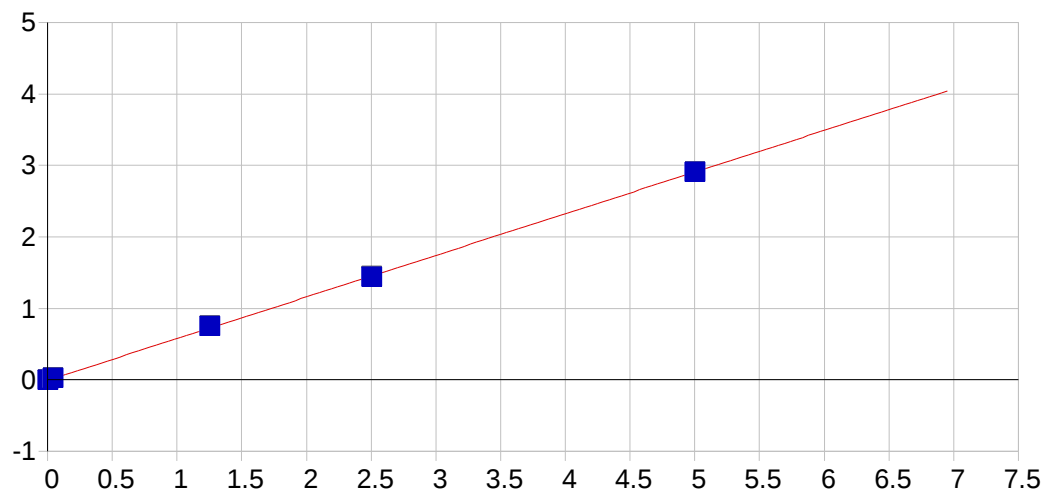


Mg 279.079 {121}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.000773 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.038897
 Predicted MQL: 0.129658

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0904	.090	4.52	.00168	.000	1
S0	.00000	-.00013	-.000	.000	.00006	.000	1
S3	12.500	12.941	.441	3.53	.01007	.000	1
S4	25.000	24.661	-.339	-1.36	.01913	.000	1
S5	50.000	49.807	-.193	-.385	.03858	.000	1



Ni 231.604 {445}

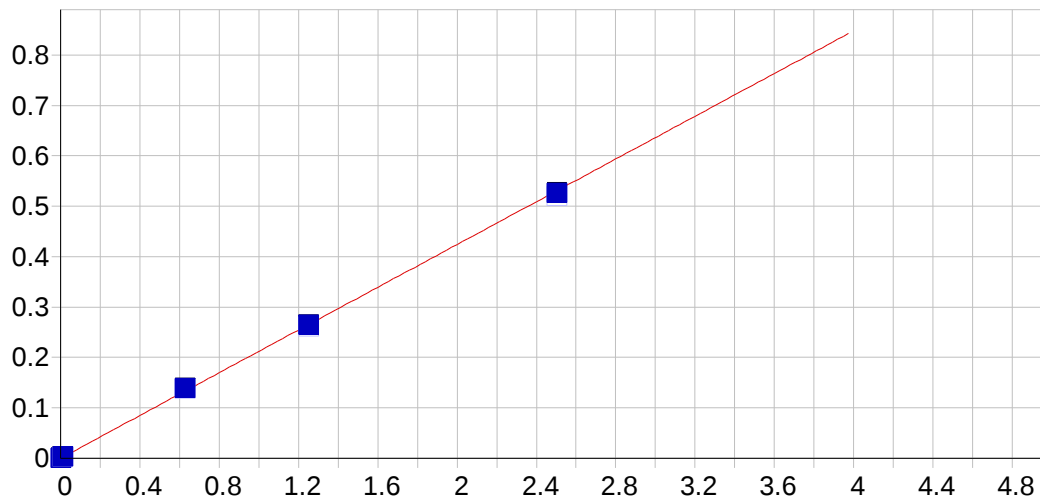
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005524 Re-Slope: 1.000000
 A1 (Gain): 0.582474 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000173
 Predicted MDL: 0.000370
 Predicted MQL: 0.001232

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00552	.000	1
S1	.04000	.04073	.001	1.81	.01821	.000	1
S3	1.2500	1.2861	.036	2.88	.74437	.001	1
S4	2.5000	2.4749	-.025	-1.00	1.4376	.005	1
S5	5.0000	4.9883	-.012	-.234	2.9032	.002	1



Ag 328.068 {103}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

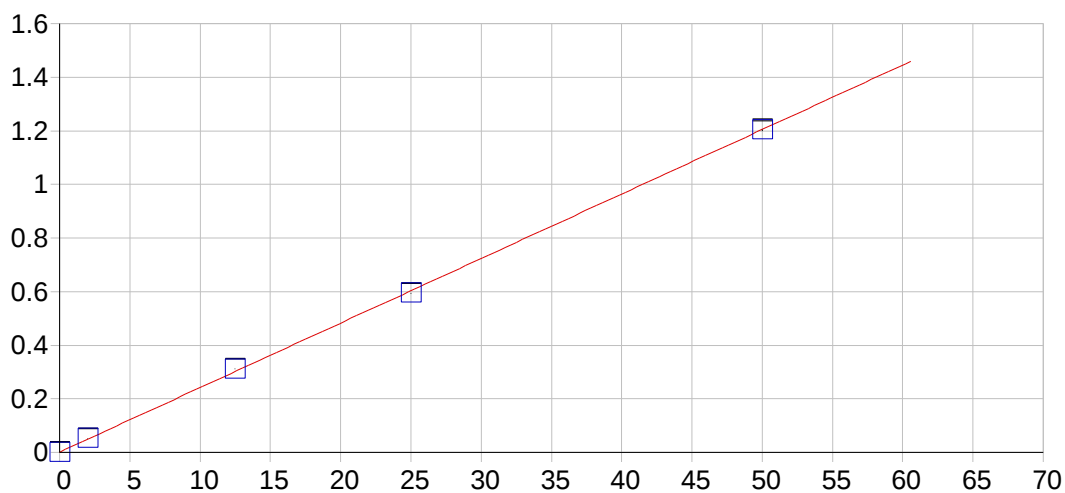
Weighting: 1/Conc

A0 (Offset): 0.000148
 A1 (Gain): 0.211997
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831
 Std Error of Est: 0.000033
 Predicted MDL: 0.000538
 Predicted MQL: 0.001792

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01000	.01070	.001	7.04	.00237	.000	1
S3	.62500	.65223	.027	4.36	.13692	.000	1
S4	1.2500	1.2424	-.008	-.612	.26052	.001	1
S5	2.5000	2.4797	-.020	-.811	.51983	.001	1

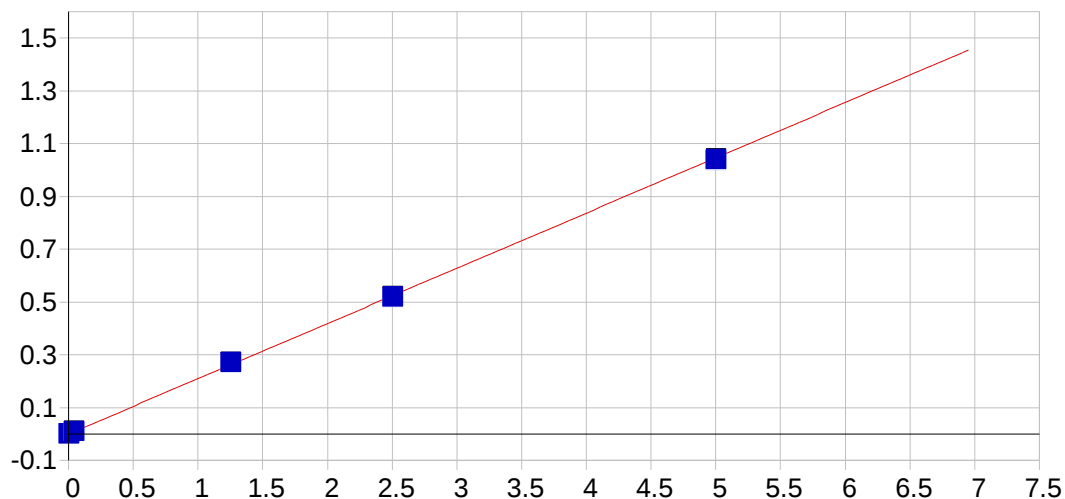


Na 589.592 { 57}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001142 Re-Slope: 1.000000
 A1 (Gain): 0.024072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000197
 Predicted MDL: 0.009446
 Predicted MQL: 0.031485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0909	.091	4.54	.05147	.001	1
S0	.00000	-.00012	-.000	.000	.00114	.000	1
S3	12.500	12.860	.360	2.88	.31072	.001	1
S4	25.000	24.629	-.371	-1.48	.59402	.001	1
S5	50.000	49.920	-.080	-.161	1.2028	.003	1



V 292.402 {115}

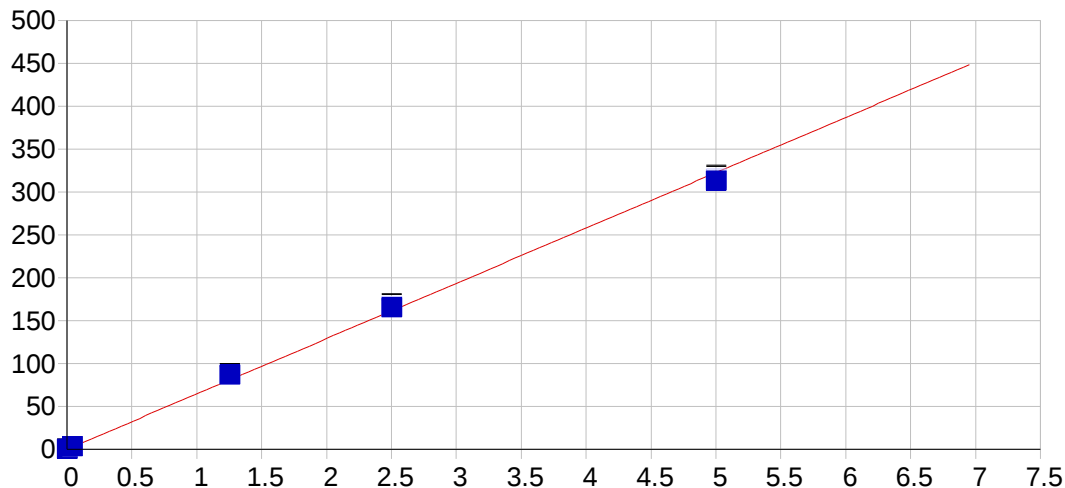
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.209245 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000071
 Predicted MDL: 0.000416
 Predicted MQL: 0.001386

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.04000	.04118	.001	2.96	.00838	.000	1
S3	1.2500	1.2923	.042	3.38	.26858	.001	1
S4	2.5000	2.4821	-.018	-.717	.51583	.001	1
S5	5.0000	4.9745	-.026	-.510	1.0339	.003	1



Zn 206.200 {163}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

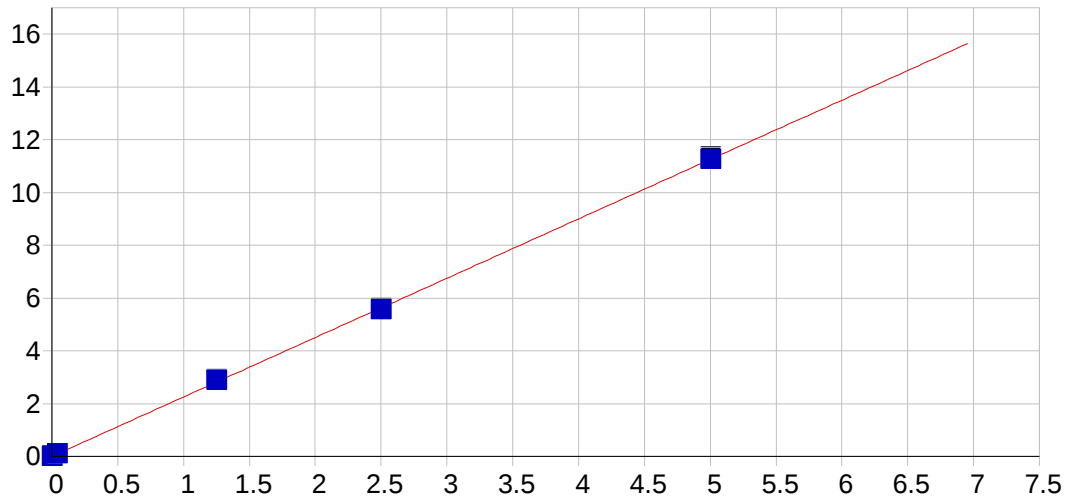
Weighting: 1/Conc

A0 (Offset): 0.078134
 A1 (Gain): 64.491496
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999290
 Std Error of Est: 0.059164
 Predicted MDL: 0.000344
 Predicted MQL: 0.001147

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	.07768	.047	1
S1	.04000	.04445	.004	11.1	2.9619	.019	1
S3	1.2500	1.3364	.086	6.91	86.749	1.64	1
S4	2.5000	2.5617	.062	2.47	166.26	3.48	1
S5	5.0000	4.8475	-.153	-3.05	314.65	4.84	1

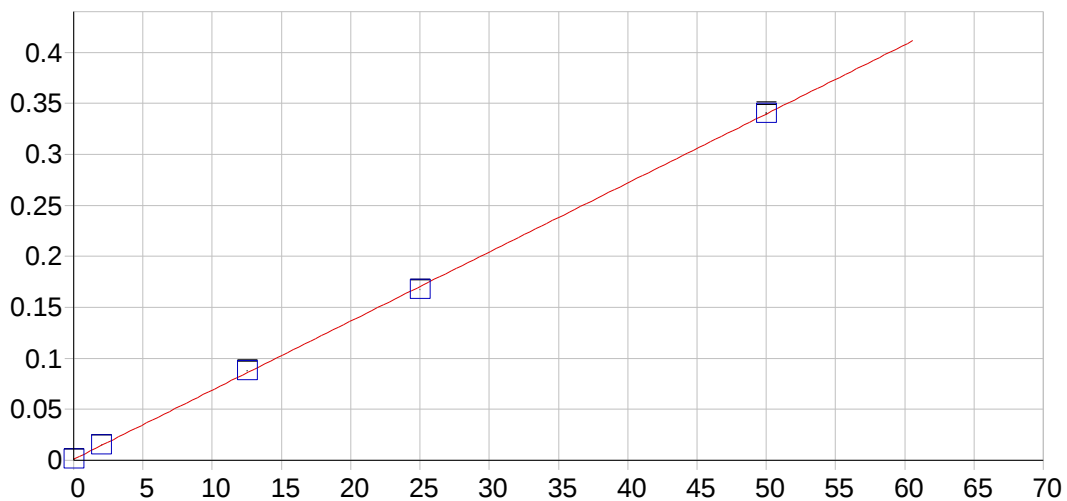


Zn 213.856 {458}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001965 Re-Slope: 1.000000
 A1 (Gain): 2.249427 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000645
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00197	.000	1
S1	.04000	.03931	-.001	-1.72	.09102	.000	1
S3	1.2500	1.2802	.030	2.42	2.8997	.003	1
S4	2.5000	2.4652	-.035	-1.39	5.5831	.018	1
S5	5.0000	5.0053	.005	.106	11.333	.006	1



K 766.490 {44}

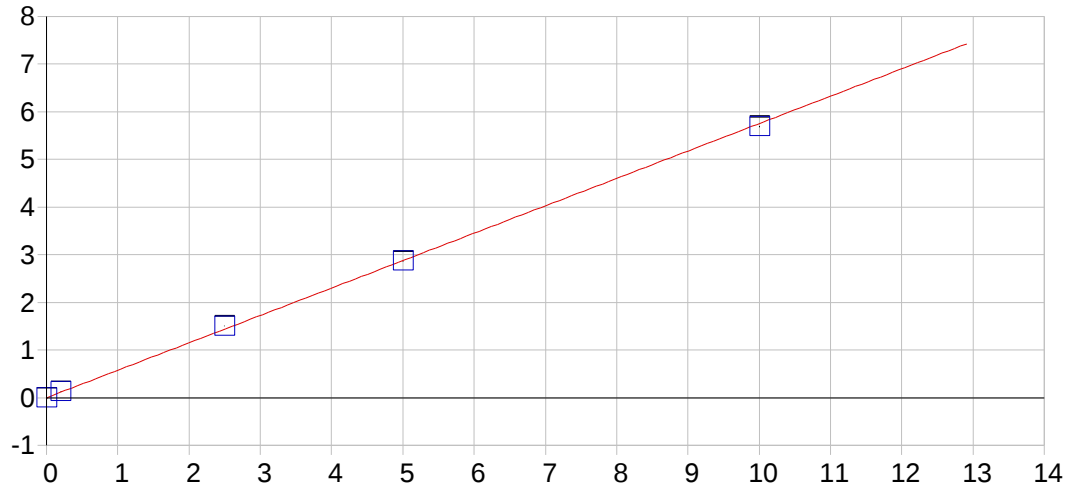
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001042 Re-Slope: 1.000000
 A1 (Gain): 0.006773 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.000050
 Predicted MDL: 0.036245
 Predicted MQL: 0.120817

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0638	.064	3.19	.01502	.000	1
S0	.00000	-.00008	-.000	.000	.00104	.000	1
S3	12.500	12.788	.288	2.31	.08766	.001	1
S4	25.000	24.565	-.435	-1.74	.16743	.000	1
S5	50.000	50.083	.083	.166	.34027	.001	1



Mo 202.030 {467}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

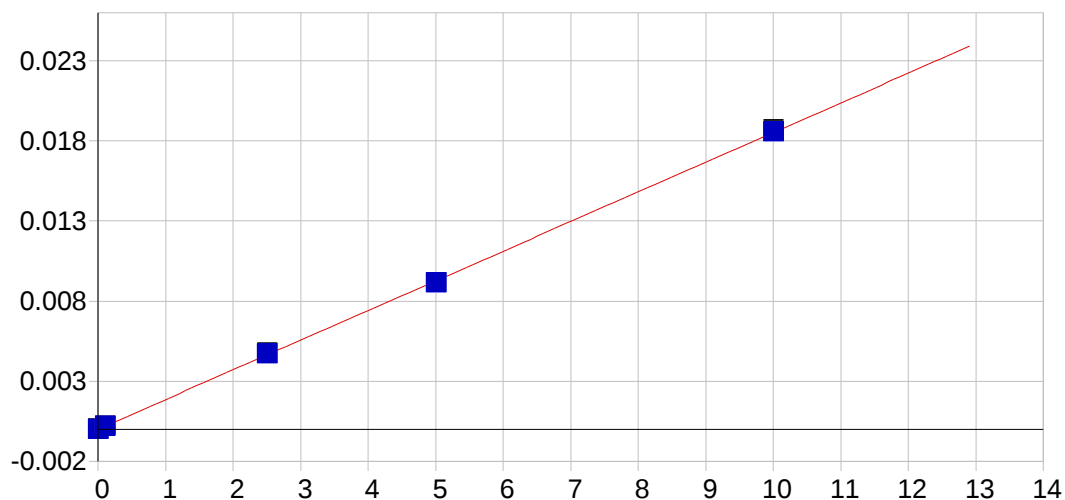
Weighting: 1/Conc

A0 (Offset): 0.000036
 A1 (Gain): 0.575233
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770
 Std Error of Est: 0.000948
 Predicted MDL: 0.000258
 Predicted MQL: 0.000860

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	.00002	.000	1
S1	.20000	.21797	.018	8.99	.12542	.000	1
S3	2.5000	2.6144	.114	4.58	1.5039	.003	1
S4	5.0000	4.9769	-.023	-.463	2.8629	.006	1
S5	10.000	9.8908	-.109	-1.09	5.6895	.011	1

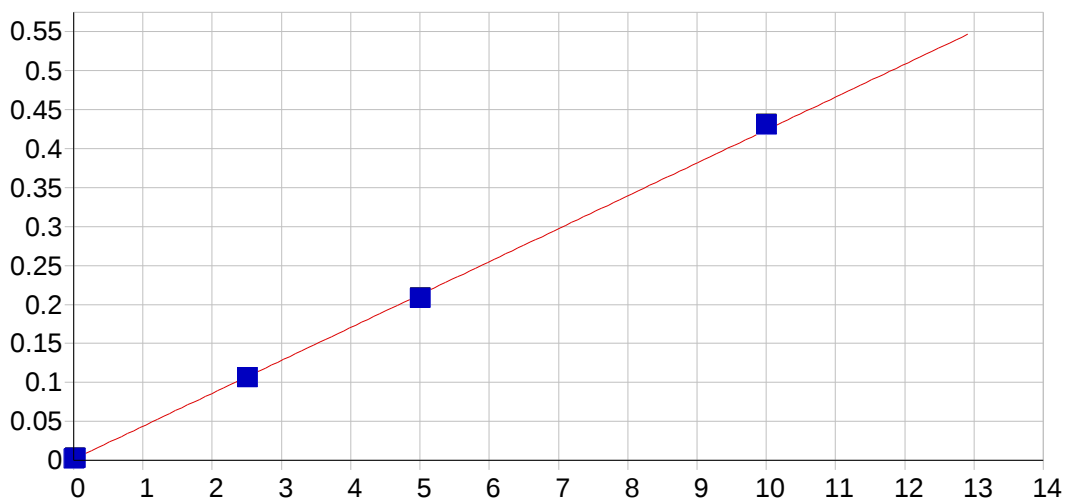


B 249.678 {135}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.001851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.012361
 Predicted MQL: 0.041205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09869	-.001	-1.31	.00019	.000	1
S3	2.5000	2.5492	.049	1.97	.00472	.000	1
S4	5.0000	4.9248	-.075	-1.50	.00910	.000	1
S5	10.000	10.027	.027	.273	.01853	.000	1



S 182.034 {485}

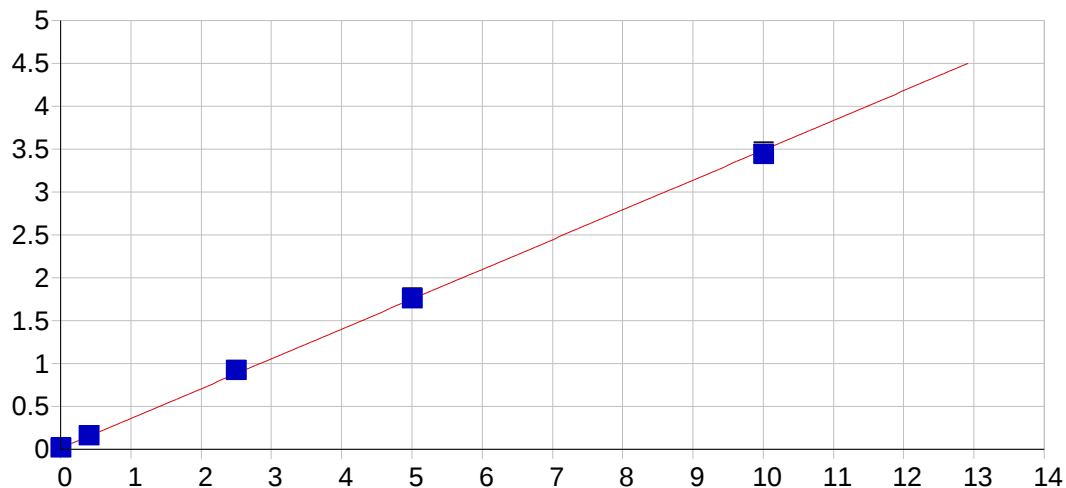
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001508 Re-Slope: 1.000000
 A1 (Gain): 0.042237 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837
 Std Error of Est: 0.000018
 Predicted MDL: 0.002440
 Predicted MQL: 0.008132

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00151	.000	1
S1	.02000	.01709	-.003	-14.5	.00220	.000	1
S3	2.5000	2.4718	-.028	-1.13	.10579	.000	1
S4	5.0000	4.8827	-.117	-2.35	.20750	.001	1
S5	10.000	10.148	.148	1.48	.42967	.001	1



Si 288.158 {117}

Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

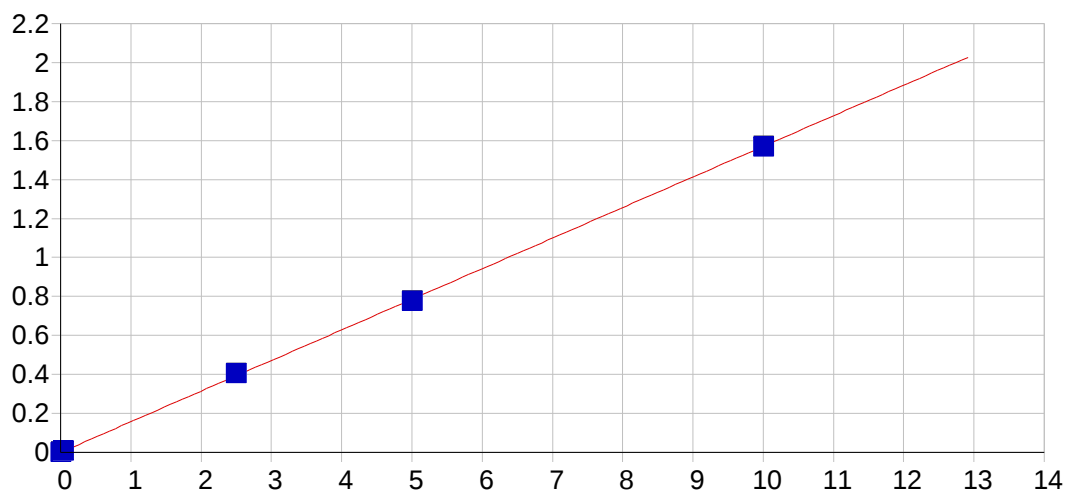
Weighting: 1/Conc

A0 (Offset): 0.011825
 A1 (Gain): 0.347507
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791
 Std Error of Est: 0.000775
 Predicted MDL: 0.002477
 Predicted MQL: 0.008257

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01181	.001	1
S1	.40000	.42255	.023	5.64	.15855	.001	1
S3	2.5000	2.6007	.101	4.03	.91512	.004	1
S4	5.0000	5.0201	.020	.403	1.7554	.007	1
S5	10.000	9.8566	-.143	-1.43	3.4352	.024	1

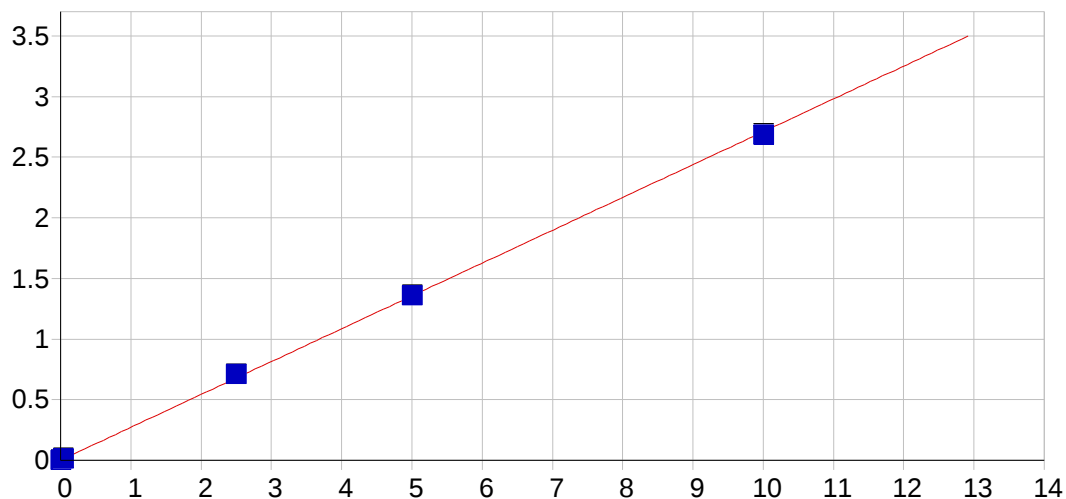


Sn 189.989 {477}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.156977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.000633
 Predicted MQL: 0.002110

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.04000	.04010	.000	.252	.00652	.000	1
S3	2.5000	2.5737	.074	2.95	.40431	.001	1
S4	5.0000	4.9401	-.060	-1.20	.77584	.001	1
S5	10.000	9.9862	-.014	-.138	1.5681	.001	1



Ti 336.121 {100}

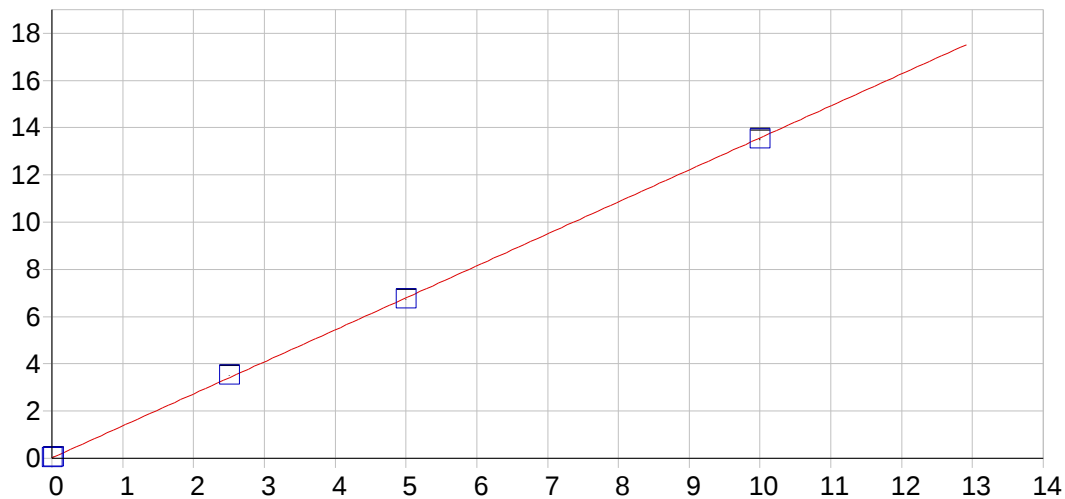
Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001797 Re-Slope: 1.000000
 A1 (Gain): 0.270771 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837
 Std Error of Est: 0.000167
 Predicted MDL: 0.001907
 Predicted MQL: 0.006356

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00180	.000	1
S1	.04000	.04189	.002	4.72	.01313	.000	1
S3	2.5000	2.6062	.106	4.25	.70740	.001	1
S4	5.0000	4.9968	-.003	-.064	1.3546	.004	1
S5	10.000	9.8951	-.105	-1.05	2.6807	.009	1



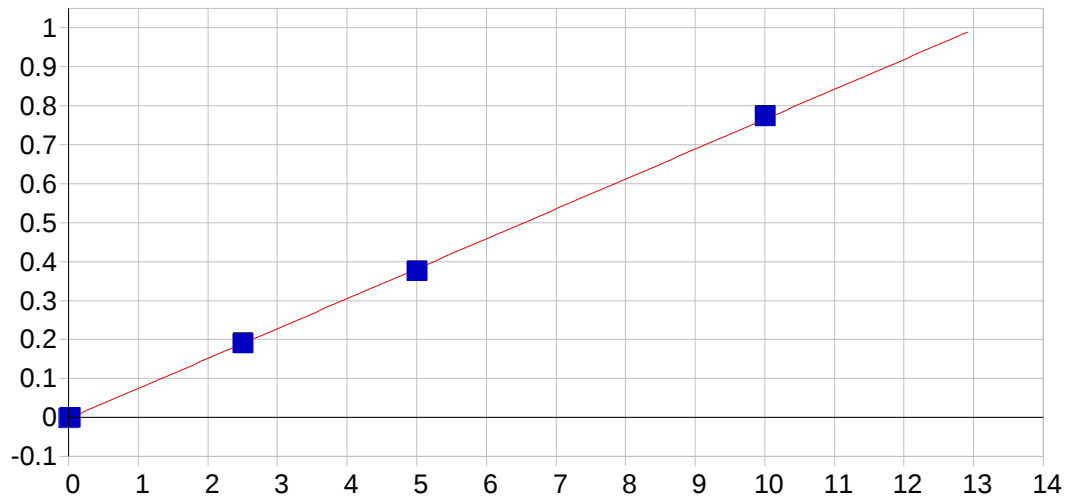
Li 670.784 { 50}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020646 Re-Slope: 1.000000
 A1 (Gain): 1.355243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000461
 Predicted MDL: 0.001805
 Predicted MQL: 0.006018

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02064	.002	1
S1	.02000	.02259	.003	12.9	.05126	.003	1
S3	2.5000	2.5809	.081	3.24	3.5184	.015	1
S4	5.0000	4.9593	-.041	-.813	6.7417	.008	1
S5	10.000	9.9572	-.043	-.428	13.515	.041	1



P 177.495 {490}

Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002455 Re-Slope: 1.000000
 A1 (Gain): 0.076795 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001372
 Predicted MQL: 0.004573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00245	.000	1
S1	.02000	.01812	-.002	-9.39	-.00107	.000	1
S3	2.5000	2.5015	.002	.062	.18937	.000	1
S4	5.0000	4.9140	-.086	-1.72	.37436	.000	1
S5	10.000	10.086	.086	.863	.77101	.002	1



Y 224.306 {450}*

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

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

Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





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

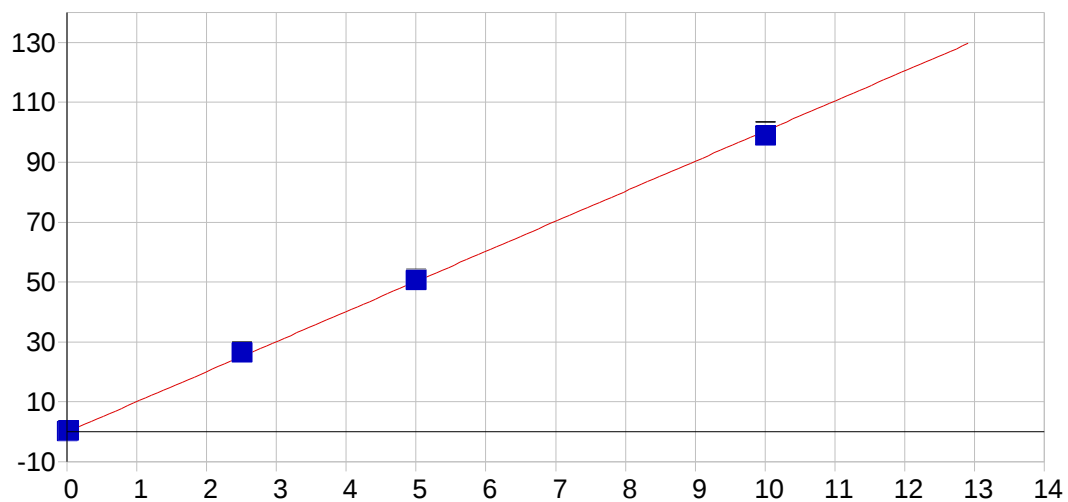
Status: Warning Zero Gain

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: 4/23/2019 15:56:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005635

Re-Slope: 1.000000

A1 (Gain): 10.041345

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999718

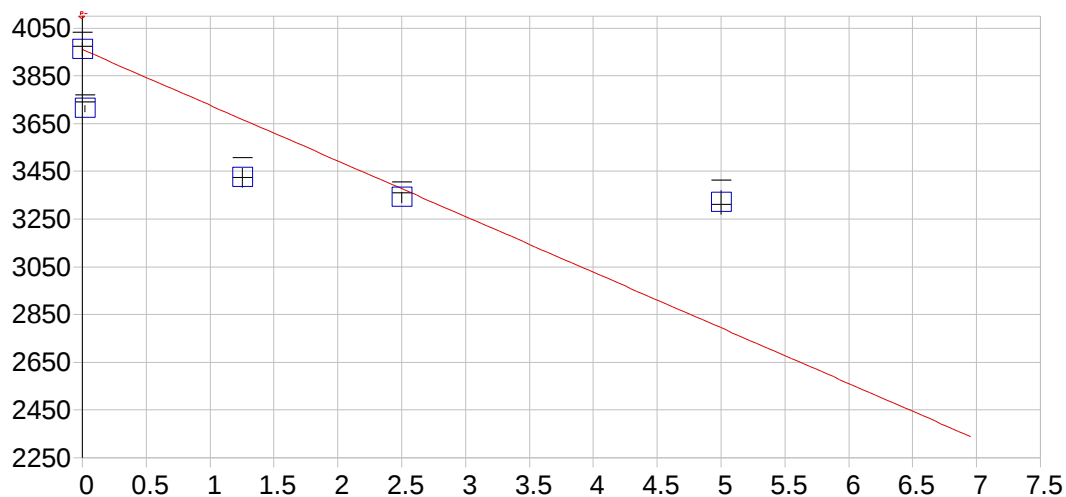
Status: OK.

Std Error of Est: 0.005764

Predicted MDL: 0.000099

Predicted MQL: 0.000330

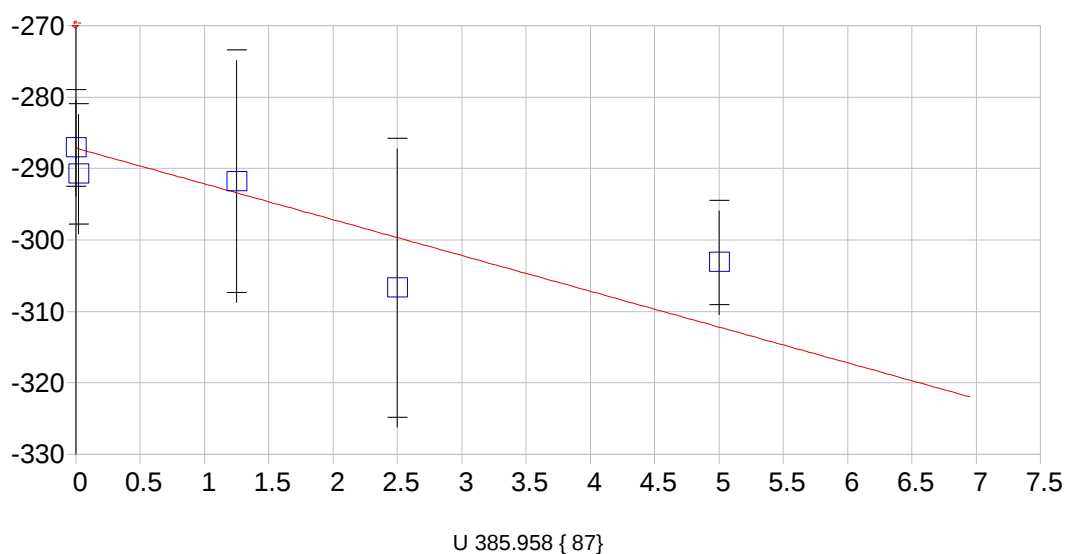
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00566	.001	1
S1	.02000	.02166	.002	8.29	.21295	.000	1
S3	2.5000	2.6295	.130	5.18	26.426	.106	1
S4	5.0000	5.0358	.036	.716	50.616	.187	1
S5	10.000	9.8330	-.167	-1.67	98.841	1.22	1



Date of Fit: 4/23/2019 15:56:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3959.927559 Re-Slope: 1.000000
A1 (Gain): -233.115224 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.367751 Status: Warning Negative Gain
Std Error of Est: 10.073303
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00105	-.001	.000	3960.2	29.3	1
S1	.02000	1.0603	1.04	5200.	3712.8	14.3	1
S3	1.2500	2.3026	1.05	84.2	3423.2	42.6	1
S4	2.5000	2.6581	.158	6.33	3340.3	22.9	1
S5	5.0000	2.7490	-2.25	-45.0	3319.1	51.6	1



Date of Fit: 4/23/2019 15:56:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -287.147446

Re-Slope: 1.000000

A1 (Gain): -5.006826

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.496555

Status: Warning

Negative Gain

Std Error of Est: 0.149564

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00071	-.001	.000	-287.14	6.77	1
S1	.02000	.73061	.711	3550.	-290.81	8.41	1
S3	1.2500	.93177	-.318	-25.5	-291.81	17.0	1
S4	2.5000	3.9091	1.41	56.4	-306.72	19.5	1
S5	5.0000	3.1986	-1.80	-36.0	-303.16	7.33	1

Sample Name: S0 Acquired: 4/23/2019 11:24:50 Type: Cal
Method: P4-ICP2(v3065) 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	.00006	.00028	.00253	-.00011	.00026	.00072	-.00139	-.00001
Stddev	.00008	.00002	.00020	.00018	.00007	.00005	.00021	.00003
%RSD	142.90	8.4481	7.7464	160.03	27.312	6.9911	15.273	305.39

#1	.00013	.00025	.00245	-.00025	.00022	.00066	-.00119	-.00005
#2	.00007	.00029	.00238	.00009	.00022	.00075	-.00161	.00001
#3	-.00003	.00029	.00275	-.00019	.00034	.00074	-.00138	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00023	.00075	-.00002	-.00055	.00214	.00070	.00020	.00006
Stddev	.00018	.00043	.00004	.00018	.00015	.00005	.00003	.00001
%RSD	78.242	56.951	185.22	33.284	6.9774	7.7603	14.771	21.646

#1	-.00003	.00120	-.00005	-.00047	.00219	.00065	.00022	.00007
#2	-.00029	.00069	-.00003	-.00043	.00197	.00076	.00020	.00007
#3	-.00038	.00035	.00002	-.00077	.00226	.00068	.00017	.00005

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00552	.00015	.00114	-.00011	.00197	.00104	.00002	.00001
Stddev	.00009	.00002	.00022	.00008	.00013	.00009	.00007	.00001
%RSD	1.7078	12.008	19.285	70.282	6.5119	8.3821	327.28	153.22

#1	-.00552	.00017	.00089	-.00007	.00183	.00109	.00010	.00002
#2	-.00562	.00015	.00129	-.00006	.00209	.00109	.00002	-.00000
#3	-.00543	.00013	.00124	-.00020	.00197	.00094	-.00005	.00001

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	.00151	.01181	.00023	.00180	.02064	-.0025	-.00566	3960.2
Stddev	.00000	.00084	.00018	.00029	.00178	.0001	.00072	29.3
%RSD	.29233	7.1230	77.285	16.267	8.6089	4.903	12.788	.73961

#1	.00151	.01230	.00043	.00199	.01863	-.0025	-.00483	3971.3
#2	.00151	.01230	.00015	.00146	.02201	-.0026	-.00602	3982.3
#3	.00150	.01084	.00010	.00193	.02128	-.0023	-.00614	3926.9

Sample Name: S0 Acquired: 4/23/2019 11:24:50 Type: Cal
 Method: P4-ICP2(v3065) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-287.14
Stddev	6.77
%RSD	2.3570

#1	-288.19
#2	-293.33
#3	-279.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4845.3	59458.	5424.8	68.539	5288.3
Stddev	6.8	131.	18.6	1.742	5.9
%RSD	.14000	.21991	.34316	2.5421	.11232

#1	4837.6	59529.	5433.8	69.430	5281.5
#2	4848.0	59307.	5403.4	66.532	5291.1
#3	4850.3	59538.	5437.3	69.657	5292.4

Sample Name: S1 Acquired: 4/23/2019 11:29:15 Type: Cal
Method: P4-ICP2(v3065) 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	.00100	.00613	.00579	.00125	.00667	.00158	.03608	.00500
Stddev	.00008	.00015	.00010	.00005	.00010	.00001	.00019	.00004
%RSD	7.6979	2.3684	1.6652	4.3407	1.4713	.79783	.53999	.70575

#1	.00092	.00597	.00568	.00120	.00662	.00159	.03597	.00501
#2	.00099	.00624	.00584	.00125	.00678	.00157	.03631	.00502
#3	.00108	.00619	.00586	.00131	.00660	.00159	.03598	.00496

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	.02242	.00207	.02969	.01758	.00999	.02308	.01821	.00237
Stddev	.00015	.00005	.00027	.00008	.00011	.00008	.00029	.00000
%RSD	.67291	2.5307	.92539	.42996	1.0570	.33704	1.6159	.14201

#1	.02240	.00211	.02962	.01765	.00988	.02302	.01837	.00238
#2	.02228	.00208	.02946	.01750	.01008	.02304	.01787	.00237
#3	.02258	.00201	.02999	.01758	.01003	.02317	.01839	.00238

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	.00838	.09102	.12542	.00019	.00220	.15855	.00652	.01313
Stddev	.00006	.00034	.00022	.00002	.00006	.00115	.00005	.00019
%RSD	.74339	.37177	.17318	9.2602	2.8500	.72293	.77384	1.4237

#1	.00832	.09088	.12517	.00019	.00215	.15900	.00658	.01295
#2	.00836	.09077	.12556	.00017	.00227	.15724	.00650	.01333
#3	.00845	.09140	.12553	.00021	.00220	.15940	.00649	.01312

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05126	-.0011	.21295	3712.8	-290.81
Stddev	.00322	.0001	.00046	14.3	8.41
%RSD	6.2732	5.785	.21604	.38576	2.8917

#1	.05492	-.0010	.21346	3697.4	-286.80
#2	.04997	-.0011	.21259	3725.8	-285.14
#3	.04888	-.0010	.21279	3715.1	-300.47

Sample Name: S1 Acquired: 4/23/2019 11:29:15 Type: Cal
 Method: P4-ICP2(v3065) 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	4745.4	58336.	5362.3	67.476	5110.4
Stddev	6.7	76.	28.2	.810	7.5
%RSD	.14134	.13090	.52642	1.2000	.14673
#1	4737.6	58251.	5340.5	67.693	5102.3
#2	4749.5	58357.	5394.2	66.580	5117.1
#3	4749.0	58399.	5352.1	68.155	5111.8

Sample Name: S2 Acquired: 4/23/2019 11:33:39 Type: Cal
Method: P4-ICP2(v3065) 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	.10100	.00168	.05147	.01502
Stddev	.00060	.00005	.00062	.00020
%RSD	.59187	2.6945	1.2001	1.3598

#1	.10168	.00165	.05078	.01524
#2	.10077	.00173	.05195	.01498
#3	.10056	.00166	.05169	.01484

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	60168.	5523.4
Stddev	105.	53.2
%RSD	.17506	.96333

#1	60280.	5463.7
#2	60155.	5565.7
#3	60070.	5540.8

Sample Name: S3 Acquired: 4/23/2019 11:37:51 Type: Cal
Method: P4-ICP2(v3065) 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	.11728	.36072	.67490	.15755	.32253	.03763	1.8385	.10086
Stddev	.00034	.00192	.00106	.00037	.00066	.00009	.0031	.00014
%RSD	.29261	.53311	.15692	.23413	.20558	.23604	.16913	.13777
#1	.11705	.35859	.67407	.15796	.32324	.03754	1.8378	.10079
#2	.11711	.36123	.67453	.15725	.32243	.03765	1.8358	.10076
#3	.11767	.36233	.67609	.15743	.32193	.03771	1.8419	.10102
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7686	.59450	.10093	1.2989	.46355	.22701	1.3410	.01007
Stddev	.0022	.00055	.00030	.0030	.00018	.00031	.0011	.00004
%RSD	.04710	.09217	.29868	.22824	.03813	.13825	.08153	.36752
#1	4.7667	.59462	.10117	1.2957	.46335	.22666	1.3403	.01010
#2	4.7680	.59499	.10059	1.3016	.46363	.22726	1.3404	.01003
#3	4.7711	.59391	.10103	1.2993	.46368	.22712	1.3423	.01008
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	.74437	.13692	.31072	.26858	2.8997	.08766	1.5039	.00472
Stddev	.00081	.00041	.00127	.00083	.0034	.00054	.0027	.00002
%RSD	.10918	.29951	.40919	.31043	.11780	.61356	.18209	.34803
#1	.74446	.13681	.31034	.26954	2.8958	.08781	1.5062	.00471
#2	.74351	.13737	.30968	.26819	2.9011	.08707	1.5009	.00471
#3	.74513	.13657	.31214	.26802	2.9022	.08811	1.5046	.00473
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	.10579	.91512	.40431	.70740	3.5184	.1894	26.426	3423.2
Stddev	.00029	.00415	.00054	.00123	.0152	.0003	.107	42.6
%RSD	.27767	.45374	.13459	.17440	.43053	.1806	.40299	1.2434
#1	.10551	.91846	.40402	.70847	3.5314	.1892	26.512	3454.4
#2	.10576	.91047	.40396	.70605	3.5018	.1891	26.307	3374.7
#3	.10610	.91643	.40493	.70768	3.5221	.1898	26.459	3440.4

Sample Name: S3 Acquired: 4/23/2019 11:37:51 Type: Cal
 Method: P4-ICP2(v3065) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-291.81
Stddev	16.99
%RSD	5.8233

#1	-311.18
#2	-284.87
#3	-279.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4719.1	58549.	5573.4	69.076	4820.2
Stddev	2.8	173.	22.3	1.268	4.2
%RSD	.05902	.29547	.39956	1.8361	.08729

#1	4716.1	58526.	5552.7	69.006	4824.4
#2	4721.7	58732.	5597.0	70.378	4816.0
#3	4719.4	58388.	5570.4	67.844	4820.4

Sample Name: S4 Acquired: 4/23/2019 11:41:50 Type: Cal
Method: P4-ICP2(v3065) 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	.22411	.68649	1.2892	.30138	.61499	.07114	3.5323	.19239
Stddev	.00059	.00072	.0046	.00091	.00185	.00042	.0055	.00019
%RSD	.26479	.10494	.35453	.30356	.30028	.59574	.15533	.09734
#1	.22439	.68728	1.2910	.30066	.61376	.07163	3.5361	.19260
#2	.22451	.68632	1.2927	.30241	.61712	.07089	3.5260	.19228
#3	.22343	.68587	1.2841	.30107	.61410	.07091	3.5349	.19228
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	9.2629	1.1311	.19203	2.4967	.86943	.42554	2.5340	.01913
Stddev	.0280	.0024	.00074	.0109	.00243	.00174	.0036	.00014
%RSD	.30231	.21481	.38281	.43723	.28007	.40857	.14017	.75391
#1	9.2759	1.1283	.19239	2.5040	.86848	.42596	2.5367	.01930
#2	9.2820	1.1326	.19251	2.5020	.87220	.42703	2.5354	.01907
#3	9.2307	1.1323	.19118	2.4842	.86762	.42363	2.5300	.01903
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	1.4376	.26052	.59402	.51583	5.5831	.16743	2.8629	.00910
Stddev	.0050	.00068	.00125	.00123	.0183	.00023	.0061	.00001
%RSD	.34650	.25952	.21081	.23804	.32731	.13815	.21416	.15736
#1	1.4404	.26083	.59480	.51657	5.5925	.16756	2.8591	.00909
#2	1.4407	.26098	.59258	.51652	5.5947	.16716	2.8700	.00912
#3	1.4319	.25974	.59469	.51442	5.5620	.16756	2.8596	.00910
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	.20750	1.7554	.77584	1.3546	6.7417	.3744	50.616	3340.3
Stddev	.00060	.0074	.00052	.0045	.0083	.0004	.187	22.9
%RSD	.29118	.42086	.06687	.32938	.12233	.1116	.36889	.68629
#1	.20683	1.7469	.77595	1.3522	6.7385	.3739	50.431	3323.2
#2	.20767	1.7602	.77629	1.3519	6.7511	.3745	50.613	3366.3
#3	.20801	1.7591	.77527	1.3598	6.7356	.3747	50.804	3331.3

Sample Name: S4 Acquired: 4/23/2019 11:41:50 Type: Cal
Method: P4-ICP2(v3065) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-306.72
Stddev	19.53
%RSD	6.3664

#1	-284.90
#2	-322.54
#3	-312.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4646.6	57385.	5459.4	66.421	4623.7
Stddev	18.9	197.	12.2	1.463	24.7
%RSD	.40620	.34277	.22324	2.2032	.53454

#1	4636.6	57176.	5473.4	65.280	4601.3
#2	4634.8	57412.	5453.4	65.911	4619.5
#3	4668.4	57567.	5451.4	68.071	4650.2

Sample Name: S5 Acquired: 4/23/2019 11:45:49 Type: Cal
Method: P4-ICP2(v3065) 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	.44932	1.3575	2.5829	.59831	1.2303	.14391	7.0636	.37977
Stddev	.00137	.0027	.0012	.00156	.0023	.00059	.0394	.00052
%RSD	.30495	.20269	.04503	.26027	.18390	.41336	.55831	.13797
#1	.45072	1.3578	2.5838	.59998	1.2325	.14324	7.0194	.37986
#2	.44798	1.3601	2.5833	.59689	1.2304	.14435	7.0953	.38024
#3	.44927	1.3546	2.5816	.59805	1.2280	.14416	7.0760	.37921
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	18.675	2.2256	.38028	5.0602	1.7087	.83806	4.9241	.03858
Stddev	.009	.0102	.00009	.0043	.0027	.00194	.0303	.00030
%RSD	.04720	.45743	.02369	.08531	.15542	.23160	.61644	.77815
#1	18.665	2.2365	.38030	5.0562	1.7118	.83685	4.9046	.03862
#2	18.682	2.2164	.38018	5.0597	1.7073	.84030	4.9086	.03886
#3	18.677	2.2238	.38036	5.0647	1.7072	.83704	4.9591	.03826
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9032	.51983	1.2028	1.0339	11.333	.34027	5.6895	.01853
Stddev	.0024	.00087	.0034	.0025	.006	.00111	.0114	.00014
%RSD	.08330	.16672	.28656	.24311	.05655	.32712	.20072	.74630
#1	2.9041	.52004	1.1997	1.0324	11.326	.33999	5.6989	.01854
#2	2.9005	.52057	1.2065	1.0368	11.339	.34150	5.6928	.01866
#3	2.9050	.51888	1.2022	1.0326	11.333	.33933	5.6768	.01838
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	.42967	3.4352	1.5681	2.6807	13.515	.7710	98.841	3319.1
Stddev	.00083	.0239	.0008	.0087	.041	.0017	1.220	51.6
%RSD	.19247	.69446	.04965	.32501	.30637	.2255	1.2341	1.5538
#1	.42972	3.4515	1.5674	2.6908	13.533	.7722	98.745	3345.8
#2	.43048	3.4078	1.5680	2.6753	13.468	.7718	97.672	3259.7
#3	.42882	3.4463	1.5689	2.6762	13.545	.7690	100.11	3351.8

Sample Name: S5 Acquired: 4/23/2019 11:45:49 Type: Cal
Method: P4-ICP2(v3065) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-303.16
Stddev	7.33
%RSD	2.4165

#1	-300.08
#2	-297.88
#3	-311.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4543.0	56238.	5456.9	66.544	4402.9
Stddev	1.9	60.	40.8	1.013	5.5
%RSD	.04208	.10704	.74803	1.5224	.12395

#1	4541.7	56223.	5424.0	66.544	4409.1
#2	4542.2	56304.	5502.6	67.557	4400.6
#3	4545.2	56187.	5444.2	65.531	4398.9

Sample Name: ICV01 Acquired: 4/23/2019 11:54:22 Type: Unk
Method: P4-ICP2(v3065) 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	.96911	1.0219	.97551	.98338	.95540	2.4324	.48312	.47509
Stddev	.00697	.0056	.00294	.00218	.00622	.0321	.00203	.00068
%RSD	.71920	.55248	.30139	.22133	.65114	1.3190	.41997	.14211
#1	.96130	1.0169	.97220	.98152	.94873	2.4483	.48137	.47544
#2	.97135	1.0209	.97650	.98577	.96105	2.3955	.48265	.47431
#3	.97468	1.0280	.97782	.98286	.95641	2.4534	.48534	.47551
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47022	10.037	.48970	.48627	.51226	4.9778	.49955	5.7823
Stddev	.00012	.023	.00127	.00199	.00207	.0049	.00092	.1103
%RSD	.02527	.22614	.25959	.40853	.40323	.09900	.18404	1.9083
#1	.47019	10.015	.48897	.48398	.50990	4.9811	.50056	5.8882
#2	.47013	10.061	.49117	.48744	.51313	4.9721	.49876	5.7907
#3	.47035	10.035	.48896	.48740	.51375	4.9800	.49934	5.6680
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48797	.49504	9.6377	.48190	.94402	9.6905	2.4128	2.4046
Stddev	.00159	.00145	.0437	.00138	.00088	.0913	.0034	.0033
%RSD	.32572	.29287	.45295	.28649	.09345	.94196	.14205	.13903
#1	.48660	.49371	9.5904	.48108	.94385	9.7332	2.4115	2.4017
#2	.48760	.49659	9.6464	.48350	.94324	9.5857	2.4167	2.4082
#3	.48971	.49482	9.6764	.48114	.94498	9.7527	2.4103	2.4038
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4841	2.3800	2.3787	2.4681	F .00026	F .0016	F .00605	F 1.8756
Stddev	.0035	.0192	.0044	.0028	.00160	.0007	.00010	.1268
%RSD	.13974	.80693	.18465	.11518	625.96	44.26	1.6659	6.7598
#1	2.4880	2.3741	2.3745	2.4648	.00131	.0019	.00595	1.8141
#2	2.4828	2.4015	2.3784	2.4692	.00104	.0021	.00606	1.7914
#3	2.4815	2.3645	2.3833	2.4702	-.00158	.0008	.00615	2.0214

Sample Name: ICV01 Acquired: 4/23/2019 11:54:22 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1628
Stddev	.5775
%RSD	49.662

#1	1.7498
#2	1.1435
#3	.59525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4861.0	60329.	5647.2	71.332	5042.5
Stddev	15.1	114.	34.9	1.486	13.0
%RSD	.31032	.18837	.61801	2.0839	.25684

#1	4853.8	60201.	5637.2	69.747	5030.0
#2	4850.8	60418.	5618.4	72.694	5041.5
#3	4878.3	60369.	5686.0	71.556	5055.9

Sample Name: LLICV01 Acquired: 4/23/2019 12:04:31 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02012	.04198	.01224	.02257	.05209	.09967	.10438
Stddev	.00066	.00091	.00044	.00086	.00105	.00785	.00071
%RSD	3.2633	2.1590	3.5938	3.8161	2.0101	7.8804	.68269

#1	.02049	.04098	.01205	.02344	.05107	.09679	.10498
#2	.01936	.04221	.01193	.02172	.05203	.10855	.10456
#3	.02050	.04275	.01275	.02256	.05316	.09366	.10359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00586	2.0920	.01003	.02915	.02158	.10492
Stddev	.00009	.00006	.0122	.00016	.00045	.00027	.00059
%RSD	1.4634	.94015	.58259	1.5737	1.5448	1.2709	.56010

#1	.00639	.00588	2.0779	.00985	.02910	.02179	.10554
#2	.00624	.00579	2.0978	.01016	.02872	.02127	.10437
#3	.00622	.00589	2.1001	.01006	.02962	.02168	.10486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02216	2.0308	.04010	.01014	2.0356	.04047	.03852
Stddev	.00019	.0800	.00066	.00029	.0084	.00057	.00004
%RSD	.87241	3.9388	1.6393	2.8842	.41206	1.4098	.09642

#1	.02197	2.0812	.04031	.00981	2.0441	.04018	.03850
#2	.02217	2.0726	.03936	.01036	2.0354	.04011	.03856
#3	.02235	1.9386	.04063	.01025	2.0273	.04113	.03850

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9809	.21072	.10619	.02392	.40055	.03984	.04145
Stddev	.0153	.00086	.00435	.00218	.00174	.00043	.00080
%RSD	.77077	.40853	4.0978	9.1132	.43376	1.0881	1.9220

#1	1.9926	.20976	.10298	.02589	.40034	.04026	.04057
#2	1.9866	.21098	.10446	.02430	.40239	.03939	.04212
#3	1.9637	.21142	.11114	.02158	.39893	.03985	.04167

Sample Name: LLICV01 Acquired: 4/23/2019 12:04:31 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02028	.0192	.02091	F 1.2510	F<.00000
Stddev	.00005	.0011	.00012	.1233	1.2290
%RSD	.24430	5.509	.55691	9.8553	178.84
#1	.02034	.0183	.02086	1.3395	-.28766
#2	.02027	.0204	.02105	1.3034	.29231
#3	.02024	.0189	.02083	1.1102	-2.0663
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4901.0	60629.	5631.8	71.088	5261.2
Stddev	4.8	297.	9.6	1.734	10.8
%RSD	.09696	.48953	.16959	2.4399	.20472
#1	4895.8	60304.	5625.8	69.795	5250.1
#2	4901.9	60885.	5626.7	70.409	5261.7
#3	4905.2	60697.	5642.8	73.059	5271.6

Sample Name: ICB01 Acquired: 4/23/2019 12:08:54 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00104	.00003	-.00155	.00089	.00118	.00064
Stddev	.00172	.00039	.00023	.00091	.00085	.01573	.00033
%RSD	165.73	37.631	672.54	58.491	95.376	1332.8	51.840

#1	.00298	.00080	.00024	-.00177	.00165	-.01672	.00081
#2	.00038	.00083	.00009	-.00233	-.00002	.01277	.00026
#3	-.00025	.00149	-.00022	-.00055	.00104	.00749	.00085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00001	-.00385	.00008	.00021	-.00011	.00028
Stddev	.00001	.00006	.00379	.00006	.00013	.00061	.00034
%RSD	29.172	726.29	98.277	69.195	60.218	557.35	121.38

#1	.00007	-.00008	-.00765	.00003	.00025	-.00080	.00067
#2	.00005	.00002	-.00384	.00014	.00007	.00010	.00017
#3	.00004	.00003	-.00008	.00008	.00031	.00037	.00001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02724	-.00018	-.00040	-.02976	-.00005	-.00005
Stddev	.00001	.05498	.00021	.00034	.00926	.00029	.00003
%RSD	26.508	201.84	120.06	84.471	31.107	583.40	55.525

#1	-.00003	-.06792	-.00039	-.00004	-.02515	-.00007	-.00002
#2	-.00003	.03531	.00003	-.00072	-.04042	-.00033	-.00005
#3	-.00002	-.04910	-.00018	-.00044	-.02371	.00025	-.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05711	-.00004	.00125	F -.01359	.00011	.00074	.00023
Stddev	.01712	.00021	.00440	.00079	.00292	.00016	.00170
%RSD	29.972	545.75	351.43	5.8336	2553.3	21.175	745.58

#1	-.04458	-.00022	-.00023	-.01412	.00333	.00067	.00047
#2	-.05013	-.00009	.00620	-.01268	-.00064	.00092	.00180
#3	-.07661	.00019	-.00222	-.01396	-.00235	.00063	-.00158

Sample Name: ICB01 Acquired: 4/23/2019 12:08:54 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.0002	-.00002	1.1336	<.00000
Stddev	.00102	.0006	.00012	.1546	1.3311
%RSD	879.75	340.0	555.05	13.637	431.99
#1	.00115	.0005	-.00006	1.0898	-.52980
#2	-.00089	.0005	.00011	1.3053	-1.5145
#3	.00009	-.0005	-.00012	1.0056	1.1199
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4905.3	60656.	5602.1	70.559	5331.7
Stddev	11.3	196.	20.4	2.703	8.1
%RSD	.23022	.32323	.36502	3.8309	.15193
#1	4892.4	60526.	5590.4	71.777	5323.1
#2	4909.9	60881.	5590.2	67.461	5333.0
#3	4913.6	60560.	5625.7	72.439	5339.1

Sample Name: CRI01 Acquired: 4/23/2019 12:13:21 Type: Unk
Method: P4-ICP2(v3065) 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	.01989	.04204	.01282	.02030	.05076	.09316	.10502	.00641
Stddev	.00082	.00070	.00021	.00244	.00050	.01771	.00072	.00010
%RSD	4.1198	1.6709	1.6632	11.998	.99408	19.012	.68869	1.6248
#1	.02081	.04239	.01301	.02209	.05079	.08124	.10430	.00634
#2	.01961	.04250	.01259	.01753	.05126	.11351	.10575	.00635
#3	.01924	.04123	.01286	.02128	.05025	.08473	.10502	.00653
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.1028	.01046	.02936	.02160	.10631	.02221	2.0076
Stddev	.00007	.0090	.00059	.00018	.00023	.00075	.00009	.0362
%RSD	1.1288	.42945	5.6826	.62348	1.0580	.70572	.42466	1.8022
#1	.00580	2.1045	.00977	.02956	.02137	.10644	.02213	2.0302
#2	.00584	2.0930	.01081	.02921	.02159	.10550	.02218	1.9658
#3	.00593	2.1109	.01079	.02931	.02183	.10698	.02231	2.0267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03990	.01022	2.0380	.04085	.03896	2.0073	.21114	.10284
Stddev	.00035	.00037	.0043	.00001	.00022	.0317	.00232	.00446
%RSD	.87682	3.6503	.21332	.02242	.56930	1.5784	1.1007	4.3395
#1	.03970	.01018	2.0334	.04084	.03921	2.0236	.21336	.09853
#2	.04030	.00986	2.0386	.04085	.03878	1.9707	.21133	.10744
#3	.03969	.01061	2.0420	.04086	.03888	2.0274	.20872	.10255
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02536	.40704	.03939	.04144	.02055	.0183	.02099	F 1.7232
Stddev	.00164	.00456	.00072	.00125	.00065	.0005	.00010	.0959
%RSD	6.4530	1.1200	1.8374	3.0057	3.1537	2.606	.46487	5.5653
#1	.02481	.40323	.03942	.04217	.02074	.0178	.02107	1.7157
#2	.02406	.40581	.03865	.04001	.01982	.0186	.02088	1.8227
#3	.02720	.41209	.04010	.04216	.02108	.0186	.02101	1.6314

Sample Name: CRI01 Acquired: 4/23/2019 12:13:21 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7996
Stddev	1.2923
%RSD	46.162

#1	2.9038
#2	1.4583
#3	4.0366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4874.4	60459.	5610.7	71.691	5233.4
Stddev	24.6	270.	9.5	.264	13.6
%RSD	.50437	.44660	.16968	.36778	.25980

#1	4847.7	60193.	5601.2	71.902	5217.9
#2	4879.3	60733.	5620.3	71.775	5243.0
#3	4896.1	60453.	5610.7	71.395	5239.4

Sample Name: ICSA01 Acquired: 4/23/2019 12:17:46 Type: Unk
 Method: P4-ICP2(v3065) 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	-.00288	.01084	.00275	.01459	.00509	266.04	.00766	.00299
Stddev	.00230	.00112	.00047	.00138	.00034	1.74	.00028	.00002
%RSD	79.929	10.303	17.187	9.4445	6.6961	.65265	3.6343	.80854
#1	-.00493	.00959	.00322	.01616	.00477	264.32	.00743	.00297
#2	-.00331	.01118	.00274	.01401	.00504	266.00	.00797	.00302
#3	-.00039	.01175	.00228	.01360	.00545	267.79	.00759	.00299
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	247.51	.04759	-.00043	.00325	95.168	.01461	269.18
Stddev	.00020	1.67	.00085	.00023	.00024	.706	.00013	2.48
%RSD	10.156	.67273	1.7899	53.898	7.5275	.74165	.90196	.91990
#1	-.00176	249.19	.04846	-.00036	.00337	94.353	.01469	266.86
#2	-.00196	247.47	.04676	-.00069	.00342	95.576	.01468	268.88
#3	-.00216	245.87	.04756	-.00025	.00297	95.575	.01446	271.79
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00447	-.00713	.03880	.00125	-.01499	.02010	-.00061	.05814
Stddev	.00059	.00051	.00400	.00042	.00025	.05698	.00040	.00703
%RSD	13.270	7.0988	10.322	33.335	1.6462	283.42	66.659	12.088
#1	-.00449	-.00756	.03787	.00080	-.01473	.06012	-.00107	.06583
#2	-.00506	-.00725	.03534	.00134	-.01502	-.04513	-.00035	.05653
#3	-.00387	-.00657	.04319	.00162	-.01522	.04531	-.00039	.05205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00730	-.00798	.00381	-.00282	.01214	.0007	-.00168	3.5140
Stddev	.00381	.00141	.00012	.00043	.00071	.0015	.00080	.1768
%RSD	52.183	17.687	3.1440	15.418	5.8709	213.6	47.623	5.0324
#1	.00658	-.00636	.00391	-.00318	.01138	.0003	-.00076	3.4325
#2	.00390	-.00860	.00368	-.00234	.01280	-.0006	-.00207	3.7169
#3	.01141	-.00897	.00385	-.00294	.01223	.0024	-.00222	3.3926

Sample Name: ICSA01 Acquired: 4/23/2019 12:17:46 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.58258
%RSD	12.416

#1	-4.1352
#2	-4.6443
#3	-5.2974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4343.6	53914.	5394.6	67.247	4141.5
Stddev	1.7	230.	43.6	.464	3.1
%RSD	.03948	.42737	.80847	.68978	.07548

#1	4343.9	54109.	5351.7	67.234	4140.3
#2	4345.2	53972.	5393.1	66.789	4139.1
#3	4341.8	53660.	5438.9	67.717	4145.0

Sample Name: ICSAB01 Acquired: 4/23/2019 12:22:25 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10089	.11780	.05266	.06857	.61734	264.81	.54843
Stddev	.00385	.00388	.00118	.00216	.00808	.75	.00205
%RSD	3.8200	3.2938	2.2363	3.1509	1.3084	.28355	.37344

#1	.09789	.11340	.05259	.06750	.61239	265.09	.55035
#2	.09954	.11924	.05387	.06716	.61297	265.38	.54866
#3	.10523	.12075	.05152	.07106	.62666	263.96	.54628

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53978	1.0097	245.25	.54999	.50919	.50987	94.473
Stddev	.00155	.0145	1.35	.00220	.00717	.00588	.768
%RSD	.28700	1.4402	.54957	.39931	1.4084	1.1527	.81278

#1	.53810	.99642	246.25	.54746	.50215	.50489	93.599
#2	.54007	1.0075	245.78	.55137	.50893	.50837	94.779
#3	.54116	1.0252	243.71	.55114	.51649	.51636	95.040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51936	269.13	1.0055	.20566	.03213	.50580	1.0720
Stddev	.00200	1.00	.0122	.00046	.00620	.00110	.0133
%RSD	.38568	.37137	1.2117	.22410	19.295	.21812	1.2429

#1	.51741	268.69	.99365	.20532	.02660	.50605	1.0603
#2	.51926	270.28	1.0048	.20547	.03883	.50459	1.0692
#3	.52141	268.43	1.0180	.20618	.03095	.50675	1.0865

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00831	1.0351	1.1544	1.0506	.92068	1.0715	1.0290
Stddev	.01425	.0217	.0104	.0271	.00317	.0237	.0032
%RSD	171.61	2.0993	.90035	2.5807	.34413	2.2151	.30828

#1	.01018	1.0152	1.1464	1.0260	.92408	1.0496	1.0325
#2	-.00679	1.0317	1.1508	1.0461	.91781	1.0681	1.0282
#3	.02153	1.0583	1.1662	1.0797	.92017	1.0967	1.0263

Sample Name: ICSAB01 Acquired: 4/23/2019 12:22:25 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00991	F .0042	F -.00155	3.7304	<.00000
Stddev	.00027	.0011	.00110	.0843	1.4065
%RSD	2.6996	26.89	70.952	2.2590	53.199
#1	.00985	.0037	-.00028	3.7050	-2.7657
#2	.01020	.0034	-.00216	3.6617	-1.1804
#3	.00968	.0055	-.00220	3.8244	-3.9854
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4339.5	53682.	5421.2	65.044	4134.4
Stddev	12.1	87.	31.7	1.230	1.2
%RSD	.27885	.16237	.58417	1.8912	.02829
#1	4327.7	53720.	5390.5	64.392	4133.6
#2	4351.9	53583.	5419.3	66.463	4135.8
#3	4339.0	53744.	5453.8	64.278	4133.8

Sample Name: CCV01 Acquired: 4/23/2019 12:26:49 Type: Unk
Method: P4-ICP2(v3065) 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	4.9539	5.0221	4.9316	4.9972	4.9469	9.7328	9.9167	.24912
Stddev	.0159	.0050	.0024	.0112	.0076	.0255	.0260	.00018
%RSD	.32148	.09967	.04777	.22354	.15258	.26209	.26239	.07345
#1	4.9514	5.0257	4.9290	4.9846	4.9498	9.7128	9.9047	.24929
#2	4.9393	5.0242	4.9335	5.0010	4.9383	9.7241	9.9465	.24893
#3	4.9709	5.0164	4.9324	5.0059	4.9525	9.7616	9.8987	.24913
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4663	25.006	.99477	2.4591	1.2429	4.9726	2.5050	24.442
Stddev	.0018	.025	.00050	.0029	.0015	.0091	.0029	.073
%RSD	.07415	.10050	.05031	.11781	.11940	.18210	.11368	.29883
#1	2.4642	24.988	.99523	2.4596	1.2420	4.9813	2.5078	24.462
#2	2.4668	24.995	.99484	2.4616	1.2422	4.9733	2.5021	24.361
#3	2.4678	25.035	.99424	2.4559	1.2447	4.9632	2.5049	24.502
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4729	1.2375	24.608	2.4773	2.4550	24.672	4.9620	4.9781
Stddev	.0018	.0008	.048	.0037	.0033	.042	.0088	.0102
%RSD	.07202	.06275	.19524	.14993	.13520	.17055	.17727	.20474
#1	2.4713	1.2383	24.595	2.4808	2.4552	24.663	4.9591	4.9824
#2	2.4727	1.2367	24.661	2.4778	2.4583	24.718	4.9550	4.9855
#3	2.4748	1.2376	24.567	2.4734	2.4516	24.635	4.9719	4.9665
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9619	4.9638	4.9410	4.9692	4.9136	5.010	5.0142	F 2.5994
Stddev	.0044	.0094	.0110	.0079	.0078	.008	.0111	.0504
%RSD	.08827	.18988	.22228	.15820	.15787	.1551	.22093	1.9395
#1	4.9662	4.9538	4.9284	4.9648	4.9082	5.003	5.0029	2.6551
#2	4.9620	4.9726	4.9486	4.9645	4.9100	5.018	5.0250	2.5568
#3	4.9574	4.9649	4.9461	4.9783	4.9225	5.010	5.0147	2.5864

Sample Name: CCV01 Acquired: 4/23/2019 12:26:49 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3290
Stddev	1.0566
%RSD	79.506

#1	1.7888
#2	2.0777
#3	.12035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4670.5	57774.	5498.9	68.741	4636.7
Stddev	9.9	121.	3.5	2.344	5.5
%RSD	.21104	.20903	.06298	3.4099	.11755

#1	4661.4	57672.	5496.0	66.043	4630.5
#2	4680.9	57742.	5497.9	70.280	4638.7
#3	4669.1	57907.	5502.7	69.899	4640.8

Sample Name: LLCCV01 Acquired: 4/23/2019 12:30:48 Type: Unk
Method: P4-ICP2(v3065) 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	.02113	.04354	.01179	.02194	.05144	.10026	.10464	.00639
Stddev	.00241	.00036	.00076	.00185	.00090	.01446	.00017	.00002
%RSD	11.401	.83745	6.4373	8.4314	1.7413	14.422	.16097	.33463
#1	.01859	.04339	.01165	.02346	.05120	.09524	.10483	.00641
#2	.02338	.04328	.01260	.02247	.05244	.08898	.10460	.00639
#3	.02141	.04396	.01110	.01988	.05069	.11656	.10450	.00637
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	2.1170	.01047	.02940	.02167	.10722	.02234	1.9897
Stddev	.00006	.0170	.00025	.00009	.00021	.00055	.00007	.0190
%RSD	1.0128	.80332	2.3473	.31559	.95118	.51239	.29630	.95716
#1	.00601	2.1244	.01039	.02949	.02180	.10742	.02241	1.9734
#2	.00592	2.1291	.01028	.02930	.02177	.10660	.02228	1.9850
#3	.00590	2.0976	.01075	.02940	.02143	.10764	.02233	2.0106
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04021	.01098	2.0310	.04113	.03895	1.9711	.21275	.10957
Stddev	.00025	.00068	.0071	.00054	.00013	.0438	.00145	.00756
%RSD	.62392	6.2078	.35130	1.3158	.33570	2.2212	.68142	6.8971
#1	.04050	.01097	2.0376	.04069	.03887	1.9210	.21240	.10390
#2	.04003	.01167	2.0234	.04098	.03910	2.0018	.21434	.10667
#3	.04010	.01030	2.0319	.04174	.03887	1.9906	.21151	.11815
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02383	.41535	.04057	.04290	.01923	.0195	.02119	F 1.0030
Stddev	.00153	.00427	.00126	.00058	.00027	.0009	.00016	.2097
%RSD	6.4096	1.0269	3.1076	1.3618	1.4250	4.606	.73548	20.901
#1	.02296	.41043	.04202	.04328	.01953	.0184	.02101	.81021
#2	.02294	.41771	.03979	.04222	.01917	.0200	.02129	1.2262
#3	.02559	.41792	.03989	.04319	.01899	.0199	.02126	.97274

Sample Name: LLCCV01 Acquired: 4/23/2019 12:30:48 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1624
Stddev	2.9115
%RSD	250.47

#1	1.0072
#2	-1.6684
#3	4.1485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4863.7	60205.	5548.5	70.802	5231.3
Stddev	10.1	38.	46.2	.794	4.8
%RSD	.20724	.06390	.83181	1.1210	.09103

#1	4865.2	60177.	5595.7	70.770	5230.5
#2	4853.0	60249.	5503.5	71.611	5227.0
#3	4873.0	60191.	5546.2	70.025	5236.4

Sample Name: CCB01 Acquired: 4/23/2019 12:35:14 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00062	.00010	.00091	.00082	-.00644	.00096
Stddev	.00275	.00102	.00061	.00198	.00242	.01212	.00037
%RSD	174.88	164.52	630.16	216.96	294.16	188.30	38.507

#1	-.00350	.00048	-.00016	-.00080	-.00196	-.00668	.00095
#2	-.00279	.00169	-.00035	.00046	.00234	-.01843	.00133
#3	.00157	-.00032	.00079	.00307	.00209	.00580	.00059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	-.00227	.00024	.00026	.00008	.00052
Stddev	.00004	.00003	.00865	.00017	.00015	.00039	.00078
%RSD	106.48	261.81	380.12	69.959	57.897	490.03	150.76

#1	.00005	-.00002	.00466	.00039	.00041	-.00018	.00093
#2	-.00001	.00002	-.01196	.00006	.00010	.00052	-.00038
#3	.00008	.00004	.00048	.00025	.00028	-.00011	.00100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.03852	-.00011	-.00008	-.03371	.00010	-.00004
Stddev	.00005	.02432	.00025	.00044	.00343	.00045	.00002
%RSD	84.568	63.130	236.89	534.34	10.183	451.41	55.532

#1	-.00000	-.04569	-.00025	-.00027	-.03265	.00027	-.00002
#2	-.00009	-.05845	-.00025	-.00040	-.03754	.00043	-.00002
#3	-.00007	-.01142	.00018	.00042	-.03093	-.00041	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09135	.00009	.00963	F -.01480	-.00087	.00001	.00210
Stddev	.01291	.00005	.00394	.00081	.00190	.00050	.00079
%RSD	14.137	59.332	40.882	5.5001	218.00	8758.0	37.842

#1	-.07829	.00014	.01376	-.01570	.00004	.00053	.00204
#2	-.10411	.00006	.00592	-.01459	.00040	-.00006	.00133
#3	-.09166	.00005	.00922	-.01411	-.00305	-.00046	.00291

Sample Name: CCB01 Acquired: 4/23/2019 12:35:14 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.0013	.00003	1.3778	2.1538
Stddev	.00145	.0003	.00007	.1903	1.6580
%RSD	507.85	19.04	234.49	13.813	76.980

#1	-.00138	.0012	-.00005	1.1614	1.5162
#2	.00123	.0016	.00006	1.4528	.90926
#3	.00100	.0011	.00008	1.5191	4.0360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4883.9	60580.	5566.1	70.464	5308.6
Stddev	17.0	55.	26.7	.800	13.8
%RSD	.34891	.09023	.47885	1.1356	.26017

#1	4872.4	60549.	5536.8	71.209	5300.2
#2	4875.8	60643.	5572.5	69.618	5301.0
#3	4903.5	60548.	5588.9	70.564	5324.5

Sample Name: PB119041BL Acquired: 4/23/2019 12:42:15 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00008	-.00034	.00056	.00028	-.00428	.00131
Stddev	.00106	.00089	.00045	.00053	.00092	.00965	.00017
%RSD	89.774	1088.8	133.67	95.166	324.14	225.34	12.937

#1	.00004	-.00099	-.00070	.00032	-.00072	.00125	.00122
#2	-.00172	.00077	-.00048	.00117	.00049	.00133	.00120
#3	-.00186	-.00003	.00017	.00019	.00108	-.01543	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	-.01009	-.00007	.00022	-.00012	-.00026
Stddev	.00003	.00001	.00914	.00029	.00005	.00021	.00060
%RSD	170.26	79.830	90.562	417.15	20.439	172.97	236.00

#1	.00003	-.00002	-.02064	-.00037	.00017	-.00028	-.00060
#2	.00003	-.00003	-.00438	.00019	.00026	.00012	.00044
#3	-.00002	-.00000	-.00527	-.00003	.00022	-.00020	-.00061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00313	.00035	-.00024	-.03126	.00041	.00006
Stddev	.00001	.02238	.00026	.00031	.01515	.00021	.00003
%RSD	43.775	714.64	73.469	126.84	48.475	51.670	50.719

#1	-.00002	-.01988	.00064	-.00060	-.03903	.00034	.00009
#2	-.00004	-.01180	.00027	-.00006	-.04095	.00066	.00003
#3	-.00003	.02229	.00015	-.00007	-.01380	.00024	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04889	.00009	.00120	F -.01731	-.00071	-.00017	.00021
Stddev	.03939	.00034	.00244	.00282	.00128	.00014	.00165
%RSD	80.563	384.23	202.86	16.307	181.27	79.872	800.64

#1	-.08834	-.00030	.00378	-.01969	-.00013	-.00022	.00087
#2	-.04878	.00034	.00088	-.01419	-.00217	-.00027	-.00167
#3	-.00956	.00023	-.00106	-.01805	.00019	-.00002	.00142

Sample Name: PB119041BL Acquired: 4/23/2019 12:42:15 Type: Unk
Method: P4-ICP2(v3065) 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	.00003	.0004	-.00001	F 1.9502	F 2.1829
Stddev	.00057	.0004	.00006	.0657	.3614
%RSD	2018.0	113.7	510.69	3.3703	16.558
#1	-.00028	.0002	.00002	2.0053	2.4217
#2	.00069	.0009	-.00009	1.8774	2.3599
#3	-.00033	.0001	.00003	1.9680	1.7671
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4888.1	60769.	5585.7	71.287	5312.3
Stddev	14.6	179.	33.5	1.728	16.8
%RSD	.29831	.29471	.59982	2.4245	.31578
#1	4874.7	60562.	5575.1	73.273	5295.2
#2	4886.0	60872.	5558.8	70.468	5312.9
#3	4903.7	60872.	5623.2	70.120	5328.8

Sample Name: PB119041BS Acquired: 4/23/2019 12:46:42 Type: Unk
Method: P4-ICP2(v3065) 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	.72486	1.9406	.94079	1.9022	.73747	1.8123	.19203	.19226
Stddev	.00336	.0117	.00118	.0065	.00178	.0106	.00014	.00028
%RSD	.46400	.60404	.12512	.34375	.24184	.58475	.07088	.14645
#1	.72862	1.9515	.94120	1.9082	.73936	1.8001	.19198	.19205
#2	.72215	1.9421	.94170	1.9031	.73724	1.8188	.19192	.19216
#3	.72381	1.9282	.93946	1.8952	.73582	1.8180	.19218	.19258
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18205	1.0064	.39157	.18875	.30547	2.9894	.20067	1.8725
Stddev	.00038	.0170	.00122	.00109	.00070	.0046	.00020	.0508
%RSD	.20861	1.6851	.31141	.57642	.23000	.15561	.10205	2.7118
#1	.18248	.98685	.39029	.18899	.30628	2.9842	.20052	1.9290
#2	.18188	1.0158	.39169	.18970	.30505	2.9906	.20058	1.8578
#3	.18178	1.0166	.39272	.18756	.30508	2.9933	.20090	1.8308
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47279	.06956	2.8591	.29011	.18378	9.4680	.37936	.29121
Stddev	.00102	.00017	.0115	.00012	.00082	.0948	.00168	.01131
%RSD	.21514	.24646	.40216	.04102	.44741	1.0010	.44251	3.8845
#1	.47273	.06970	2.8460	.29008	.18415	9.3605	.38120	.28362
#2	.47383	.06937	2.8633	.29001	.18436	9.5397	.37792	.28579
#3	.47180	.06961	2.8679	.29024	.18284	9.5037	.37897	.30421
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6141	.89143	.64607	.19527	.18968	5.121	.19129	F 2.5483
Stddev	.0333	.00511	.00258	.00065	.00268	.021	.00082	.1129
%RSD	.38614	.57331	.39938	.33097	1.4142	.4059	.43116	4.4318
#1	8.6489	.89733	.64648	.19473	.19130	5.144	.19111	2.5341
#2	8.6108	.88873	.64842	.19598	.19115	5.116	.19219	2.6677
#3	8.5826	.88824	.64331	.19509	.18658	5.104	.19057	2.4432

Sample Name: PB119041BS Acquired: 4/23/2019 12:46:42 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.84771
Stddev	1.2362
%RSD	145.83

#1	-.03831
#2	2.2600
#3	.32147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4847.4	60515.	5558.9	70.462	5141.4
Stddev	16.1	120.	22.1	1.360	11.7
%RSD	.33305	.19812	.39774	1.9307	.22815

#1	4828.8	60432.	5533.7	69.282	5130.3
#2	4855.4	60653.	5574.9	70.155	5140.4
#3	4857.9	60461.	5568.1	71.950	5153.6

Sample Name: K2475-01 Acquired: 4/23/2019 12:50:49 Type: Unk
Method: P4-ICP2(v3065) 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	.40339	.00497	.43183	.03935	.01061	112.36	.62932
Stddev	.00076	.00021	.00220	.00074	.00041	.29	.00467
%RSD	.18765	4.1337	.50938	1.8851	3.9031	.25601	.74234

#1	.40426	.00475	.43233	.04016	.01105	112.04	.62394
#2	.40298	.00500	.42942	.03871	.01023	112.48	.63164
#3	.40293	.00516	.43373	.03918	.01055	112.58	.63237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01631	-.00054	14.235	.22044	.15211	.43408	194.47
Stddev	.00038	.00016	.033	.00094	.00020	.00196	1.39
%RSD	2.3400	29.213	.23408	.42571	.12985	.45078	.71469

#1	.01640	-.00054	14.247	.22007	.15194	.43589	192.88
#2	.01663	-.00070	14.261	.22150	.15206	.43200	195.14
#3	.01588	-.00038	14.198	.21973	.15233	.43434	195.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4329	60.405	1.0106	-.01414	1.5066	.33398	1.0272
Stddev	.0010	.315	.0037	.00058	.0110	.00336	.0004
%RSD	.02869	.52132	.36587	4.1138	.73308	1.0047	.03947

#1	3.4340	60.051	1.0108	-.01470	1.4967	.33198	1.0269
#2	3.4323	60.511	1.0068	-.01418	1.5046	.33785	1.0269
#3	3.4323	60.653	1.0142	-.01354	1.5185	.33211	1.0276

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.795	.00505	.15609	.91468	1.9153	.02536	4.0221
Stddev	.083	.00033	.00075	.00350	.0172	.00038	.0037
%RSD	.59878	6.6190	.48142	.38229	.89604	1.4923	.09330

#1	13.703	.00481	.15540	.91748	1.9246	.02499	4.0178
#2	13.818	.00543	.15597	.91076	1.9259	.02534	4.0245
#3	13.863	.00492	.15689	.91579	1.8955	.02575	4.0240

Sample Name: K2475-01 Acquired: 4/23/2019 12:50:49 Type: Unk
Method: P4-ICP2(v3065) 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	.18363	5.385	-.12769	<.00000	F<.00000
Stddev	.00190	.020	.00163	.16210	1.8232
%RSD	1.0363	.3763	1.2745	7.5677	4.1837
#1	.18539	5.388	-.12582	-2.0853	-44.908
#2	.18389	5.363	-.12846	-2.3248	-44.328
#3	.18161	5.403	-.12878	-2.0159	-41.500
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5410.8	67141.	6486.3	68.942	4594.3
Stddev	9.2	217.	28.6	.201	3.2
%RSD	.17075	.32269	.44127	.29136	.06948
#1	5400.1	67300.	6454.4	69.141	4590.8
#2	5416.7	67229.	6509.6	68.739	4594.8
#3	5415.5	66894.	6495.1	68.946	4597.1

Sample Name: K2475-03 Acquired: 4/23/2019 12:55:15 Type: Unk
Method: P4-ICP2(v3065) 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	.13943	.00405	1.4104	.04819	.00977	100.13	.80075
Stddev	.00348	.00094	.0054	.00281	.00089	.25	.00183
%RSD	2.4985	23.299	.38568	5.8234	9.1477	.24530	.22817

#1	.14271	.00427	1.4151	.04537	.00888	99.921	.79874
#2	.13981	.00487	1.4045	.04822	.00977	100.40	.80122
#3	.13577	.00302	1.4118	.05098	.01066	100.06	.80230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01583	-.00101	30.703	.23313	.15854	.48589	230.76
Stddev	.00002	.00003	.074	.00097	.00051	.00260	.80
%RSD	.12089	2.5190	.24154	.41621	.32089	.53545	.34770

#1	.01581	-.00101	30.617	.23256	.15849	.48592	231.65
#2	.01584	-.00099	30.741	.23425	.15806	.48328	230.55
#3	.01583	-.00104	30.750	.23257	.15907	.48848	230.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8360	62.430	1.0019	-.01856	3.8500	.37251	.79117
Stddev	.0162	.094	.0029	.00026	.0096	.00081	.00089
%RSD	.42274	.14983	.29169	1.3793	.24825	.21792	.11275

#1	3.8527	62.538	1.0045	-.01877	3.8422	.37238	.79197
#2	3.8203	62.385	.99871	-.01863	3.8606	.37338	.79021
#3	3.8349	62.368	1.0025	-.01828	3.8470	.37178	.79132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.729	.00683	.17233	4.9092	2.1259	.05177	5.8422
Stddev	.024	.00006	.01083	.0233	.0038	.00047	.0054
%RSD	.11785	.94496	6.2844	.47466	.18054	.90777	.09247

#1	20.705	.00689	.17860	4.9079	2.1238	.05129	5.8372
#2	20.754	.00683	.17856	4.8865	2.1236	.05223	5.8415
#3	20.727	.00676	.15982	4.9331	2.1304	.05179	5.8480

Sample Name: K2475-03 Acquired: 4/23/2019 12:55:15 Type: Unk
 Method: P4-ICP2(v3065) 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	.15619	5.990	-.14582	<.00000	F<.00000
Stddev	.00165	.010	.00118	.25038	2.3866
%RSD	1.0581	.1627	.80671	10.466	3.8778
#1	.15712	5.986	-.14706	-2.6811	-63.243
#2	.15428	5.982	-.14569	-2.2607	-58.817
#3	.15717	6.001	-.14472	-2.2353	-62.576
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5252.7	65394.	6306.5	68.781	4542.2
Stddev	13.3	139.	8.2	1.500	13.0
%RSD	.25275	.21216	.13063	2.1813	.28643
#1	5238.0	65239.	6314.0	67.905	4527.8
#2	5263.9	65437.	6307.8	70.514	4553.2
#3	5256.2	65506.	6297.6	67.925	4545.6

Sample Name: K2475-04 Acquired: 4/23/2019 12:59:46 Type: Unk
Method: P4-ICP2(v3065) 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	.48384	.01408	.68648	.06034	.01710	145.76	1.0845
Stddev	.00382	.00042	.00215	.00248	.00239	.37	.0036
%RSD	.79012	2.9492	.31368	4.1124	13.994	.25224	.32926

#1	.48761	.01369	.68710	.05757	.01970	146.17	1.0844
#2	.47996	.01403	.68825	.06108	.01662	145.62	1.0881
#3	.48395	.01452	.68408	.06237	.01498	145.48	1.0810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02208	-.00125	15.360	.32511	.11471	.79315	330.83
Stddev	.00018	.00028	.078	.00117	.00017	.00087	1.88
%RSD	.81047	22.390	.50736	.35949	.15064	.10952	.56677

#1	.02187	-.00137	15.310	.32463	.11453	.79231	331.20
#2	.02216	-.00145	15.320	.32426	.11471	.79405	332.48
#3	.02219	-.00093	15.450	.32644	.11488	.79308	328.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6511	56.048	.83723	-.03546	2.4150	.43649	.64174
Stddev	.0106	.138	.00243	.00041	.0138	.00182	.00218
%RSD	.28887	.24654	.29035	1.1578	.57246	.41650	.33901

#1	3.6599	55.959	.83573	-.03498	2.4170	.43461	.64389
#2	3.6539	56.207	.84004	-.03572	2.4277	.43824	.63954
#3	3.6394	55.977	.83593	-.03567	2.4003	.43663	.64178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.143	.01401	.22123	6.7177	2.4939	.07021	3.1770
Stddev	.050	.00047	.01477	.0175	.0142	.00063	.0051
%RSD	.40851	3.3273	6.6779	.26095	.57011	.90044	.16139

#1	12.167	.01351	.23613	6.7349	2.4862	.06981	3.1712
#2	12.177	.01443	.22098	6.7183	2.4852	.07094	3.1787
#3	12.086	.01410	.20659	6.6999	2.5103	.06989	3.1810

Sample Name: K2475-04 Acquired: 4/23/2019 12:59:46 Type: Unk
Method: P4-ICP2(v3065) 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	.17952	7.763	-.15247	<.00000	F<.00000
Stddev	.00103	.004	.00348	.17958	2.0922
%RSD	.57202	.0564	2.2849	8.8639	1.9243

#1	.17882	7.763	-.15232	-1.9390	-111.14
#2	.18070	7.768	-.15604	-1.9064	-107.45
#3	.17904	7.759	-.14907	-2.2324	-107.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5106.7	63312.	6176.4	68.216	4496.8
Stddev	13.9	213.	40.8	1.196	13.2
%RSD	.27129	.33721	.66025	1.7539	.29411

#1	5112.4	63085.	6168.9	68.493	4489.1
#2	5091.0	63342.	6220.3	66.905	4489.2
#3	5116.9	63509.	6139.8	69.250	4512.1

Sample Name: K2475-07 Acquired: 4/23/2019 13:04:12 Type: Unk
Method: P4-ICP2(v3065) 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	.21168	.00708	.70506	.05057	.01178	96.667	.74567
Stddev	.00138	.00051	.00282	.00139	.00095	.287	.00510
%RSD	.64981	7.2233	.40007	2.7496	8.0788	.29681	.68376

#1	.21018	.00717	.70267	.04903	.01174	96.921	.75051
#2	.21288	.00753	.70433	.05095	.01276	96.355	.74035
#3	.21199	.00652	.70817	.05173	.01086	96.724	.74614

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01501	-.00327	19.179	.24544	.17320	.50819	240.02
Stddev	.00019	.00018	.079	.00006	.00049	.00089	.45
%RSD	1.2361	5.5462	.41384	.02259	.28289	.17561	.18718

#1	.01487	-.00346	19.144	.24550	.17266	.50722	240.48
#2	.01522	-.00325	19.270	.24542	.17333	.50898	239.58
#3	.01493	-.00310	19.123	.24540	.17362	.50836	239.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0164	61.549	1.1104	-.01895	1.3646	.37846	.72403
Stddev	.0044	.298	.0014	.00045	.0190	.00057	.00075
%RSD	.10991	.48382	.12734	2.3862	1.3951	.15082	.10344

#1	4.0196	61.435	1.1089	-.01923	1.3739	.37910	.72430
#2	4.0182	61.325	1.1116	-.01920	1.3427	.37803	.72460
#3	4.0113	61.887	1.1107	-.01843	1.3772	.37824	.72318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.706	.00638	.16624	F 10.723	2.6265	.15048	4.5593
Stddev	.160	.00015	.00780	.022	.0276	.00151	.0230
%RSD	.85449	2.4105	4.6918	.20232	1.0512	1.0018	.50385

#1	18.807	.00640	.15728	10.725	2.6136	.14935	4.5331
#2	18.521	.00653	.16997	10.700	2.6582	.15219	4.5763
#3	18.788	.00622	.17148	10.743	2.6077	.14989	4.5684

Sample Name: K2475-07 Acquired: 4/23/2019 13:04:12 Type: Unk
Method: P4-ICP2(v3065) 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	.16864	4.885	-.12312	<.00000	F<.00000
Stddev	.00225	.010	.00110	.13576	1.1543
%RSD	1.3368	.2024	.89734	9.7761	1.8859
#1	.16631	4.894	-.12419	-1.5308	-61.436
#2	.17081	4.874	-.12198	-1.2604	-62.228
#3	.16881	4.888	-.12320	-1.3749	-59.954
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5132.4	64045.	6158.7	69.147	4627.1
Stddev	8.0	330.	42.4	.642	7.0
%RSD	.15648	.51591	.68830	.92796	.15057
#1	5130.5	63670.	6163.7	69.412	4624.1
#2	5125.5	64295.	6114.1	69.614	4622.1
#3	5141.2	64170.	6198.4	68.416	4635.1

Sample Name: K2203-13 Acquired: 4/23/2019 13:08:43 Type: Unk
Method: P4-ICP2(v3065) 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	.03556	-.00269	.26637	.05451	.01584	211.68	.66278
Stddev	.00204	.00048	.00356	.00377	.00196	.89	.00274
%RSD	5.7387	17.680	1.3363	6.9188	12.381	.42233	.41303

#1	.03768	-.00261	.26226	.05861	.01420	210.65	.66048
#2	.03540	-.00226	.26859	.05119	.01801	212.14	.66204
#3	.03361	-.00320	.26825	.05374	.01531	212.26	.66581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02420	.01097	66.874	.19960	.33204	.73265	357.87
Stddev	.00016	.00020	.294	.00037	.00118	.00126	.58
%RSD	.65519	1.7937	.43976	.18677	.35682	.17158	.16084

#1	.02405	.01106	66.838	.19927	.33098	.73356	357.32
#2	.02437	.01111	67.184	.19954	.33332	.73121	357.82
#3	.02419	.01075	66.600	.20001	.33183	.73317	358.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7797	72.133	.29662	-.04411	17.809	1.3052	.92609
Stddev	.0096	.313	.00031	.00054	.077	.0039	.00147
%RSD	.12391	.43336	.10325	1.2187	.43426	.29806	.15867

#1	7.7839	71.991	.29679	-.04413	17.736	1.3032	.92654
#2	7.7865	71.916	.29680	-.04464	17.802	1.3097	.92728
#3	7.7687	72.491	.29626	-.04356	17.890	1.3027	.92445

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3999	.00114	.61717	3.8980	2.6375	.02120	F 10.528
Stddev	.0317	.00026	.02356	.0089	.0177	.00120	.064
%RSD	.58675	22.894	3.8178	.22804	.67220	5.6543	.60931

#1	5.3666	.00144	.59317	3.8999	2.6480	.02032	10.531
#2	5.4033	.00094	.64027	3.9057	2.6474	.02256	10.590
#3	5.4297	.00105	.61807	3.8883	2.6170	.02071	10.462

Sample Name: K2203-13 Acquired: 4/23/2019 13:08:43 Type: Unk
 Method: P4-ICP2(v3065) 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	.12799	8.087	-.13531	<.00000	F<.00000
Stddev	.00102	.025	.00190	.15963	.74710
%RSD	.79526	.3100	1.4021	2.9032	.39682

#1	.12745	8.078	-.13460	-5.5850	-189.14
#2	.12917	8.115	-.13387	-5.3143	-187.84
#3	.12736	8.067	-.13745	-5.5963	-187.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5725.2	71387.	7040.1	65.474	4234.7
Stddev	.9	122.	53.5	1.681	5.2
%RSD	.01641	.17092	.76058	2.5673	.12194

#1	5724.9	71522.	7025.3	64.047	4230.6
#2	5726.2	71352.	6995.4	65.049	4233.1
#3	5724.4	71285.	7099.4	67.327	4240.5

Sample Name: K2203-13DUP Acquired: 4/23/2019 13:13:14 Type: Unk
Method: P4-ICP2(v3065) 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	.03486	-.00227	.26265	.05604	.01610	211.91	.66344
Stddev	.00130	.00196	.00135	.00207	.00142	.37	.00267
%RSD	3.7236	86.498	.51227	3.6875	8.8168	.17439	.40239

#1	.03524	-.00452	.26110	.05427	.01590	212.08	.66086
#2	.03593	-.00092	.26342	.05553	.01478	212.17	.66619
#3	.03342	-.00137	.26344	.05831	.01760	211.49	.66326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02401	.01094	67.003	.19898	.32947	.73378	355.45
Stddev	.00015	.00006	.371	.00101	.00106	.00229	1.85
%RSD	.63192	.57230	.55438	.50644	.32170	.31187	.52145

#1	.02417	.01095	66.574	.19805	.32877	.73264	353.32
#2	.02387	.01087	67.221	.19884	.32896	.73228	356.43
#3	.02399	.01099	67.213	.20005	.33069	.73641	356.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7649	71.993	.29505	-.04397	17.795	1.3044	.92014
Stddev	.0170	.564	.00047	.00035	.069	.0015	.00093
%RSD	.21964	.78391	.16087	.79668	.38853	.11381	.10131

#1	7.7736	71.575	.29457	-.04356	17.720	1.3048	.92031
#2	7.7758	72.635	.29552	-.04415	17.857	1.3056	.91914
#3	7.7453	71.770	.29506	-.04419	17.806	1.3027	.92098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3954	.00131	.62843	3.8629	2.6240	.02122	F 10.520
Stddev	.0295	.00006	.01051	.0126	.0163	.00098	.030
%RSD	.54738	4.6492	1.6725	.32662	.62150	4.6222	.28264

#1	5.3637	.00138	.64019	3.8583	2.6329	.02147	10.490
#2	5.4003	.00125	.61995	3.8533	2.6052	.02205	10.522
#3	5.4221	.00131	.62515	3.8772	2.6340	.02014	10.549

Sample Name: K2203-13DUP Acquired: 4/23/2019 13:13:14 Type: Unk
 Method: P4-ICP2(v3065) 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	.12705	8.006	-.13253	<.00000	F<.00000
Stddev	.00041	.016	.00176	.21245	.49226
%RSD	.32561	.2033	1.3253	3.6940	.25868
#1	.12720	7.987	-.13053	-5.5098	-190.87
#2	.12736	8.012	-.13379	-5.8342	-190.02
#3	.12658	8.018	-.13328	-5.9097	-190.01
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5728.5	71485.	7052.8	66.065	4252.5
Stddev	11.4	98.	25.1	1.075	6.0
%RSD	.19950	.13777	.35572	1.6278	.14212
#1	5729.4	71596.	7060.9	67.304	4250.6
#2	5739.4	71449.	7072.9	65.511	4259.2
#3	5716.6	71409.	7024.7	65.379	4247.6

Sample Name: K2203-13LX5 Acquired: 4/23/2019 13:17:46 Type: Unk
Method: P4-ICP2(v3065) 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	.00988	.00405	.04904	.02655	.00413	48.843	.15584
Stddev	.00164	.00098	.00070	.00281	.00110	.189	.00185
%RSD	16.596	24.305	1.4179	10.586	26.666	.38757	1.1887

#1	.01018	.00370	.04914	.02789	.00539	48.752	.15438
#2	.00811	.00516	.04968	.02845	.00360	49.061	.15793
#3	.01135	.00329	.04830	.02332	.00339	48.716	.15523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	-.00374	16.295	.04612	.06477	.18385	115.29
Stddev	.00020	.00013	.445	.00065	.00023	.00089	.53
%RSD	3.6257	3.5628	2.7293	1.4145	.36238	.48534	.45849

#1	.00542	-.00384	15.782	.04655	.06502	.18488	115.84
#2	.00575	-.00359	16.552	.04643	.06472	.18325	114.78
#3	.00539	-.00380	16.552	.04537	.06456	.18343	115.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0101	17.284	.05568	-.00678	4.1164	.31892	.16337
Stddev	.0017	.019	.00034	.00017	.0274	.00087	.00008
%RSD	.08201	.10985	.61134	2.5360	.66456	.27141	.05081

#1	2.0082	17.265	.05603	-.00691	4.1116	.31854	.16346
#2	2.0108	17.302	.05535	-.00659	4.1458	.31991	.16335
#3	2.0113	17.286	.05567	-.00684	4.0917	.31831	.16329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1851	.00014	.19502	.73196	.65381	.00405	2.5354
Stddev	.0348	.00003	.01482	.00184	.01221	.00031	.0546
%RSD	2.9357	24.824	7.5973	.25125	1.8679	7.6795	2.1516

#1	1.2078	.00017	.19542	.73126	.64011	.00369	2.4725
#2	1.2025	.00010	.18001	.73057	.65775	.00421	2.5645
#3	1.1451	.00014	.20963	.73404	.66356	.00425	2.5693

Sample Name: K2203-13LX5 Acquired: 4/23/2019 13:17:46 Type: Unk
Method: P4-ICP2(v3065) 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	.02844	1.541	-.06430	.95572	F<.00000
Stddev	.00063	.005	.00199	.12420	3.1790
%RSD	2.2270	.3294	3.0888	12.995	23.581

#1	.02846	1.537	-.06655	.86942	-14.500
#2	.02906	1.539	-.06282	.89968	-9.9174
#3	.02780	1.546	-.06351	1.0981	-16.026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5069.6	63117.	6081.3	71.782	4845.9
Stddev	.9	216.	124.1	1.798	3.7
%RSD	.01787	.34152	2.0412	2.5050	.07608

#1	5070.0	62928.	6219.3	73.851	4843.8
#2	5068.6	63072.	6046.0	70.601	4843.8
#3	5070.3	63352.	5978.7	70.893	4850.2

Sample Name: K2203-13MS Acquired: 4/23/2019 13:22:09 Type: Unk
Method: P4-ICP2(v3065) 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	.60585	1.9423	1.2347	1.5412	.11436	238.29	.82940
Stddev	.00240	.0036	.0017	.0045	.00238	.98	.00524
%RSD	.39559	.18746	.13438	.29011	2.0771	.41308	.63138

#1	.60858	1.9465	1.2352	1.5455	.11249	238.00	.82626
#2	.60484	1.9398	1.2360	1.5415	.11703	237.49	.82650
#3	.60411	1.9406	1.2328	1.5365	.11355	239.39	.83545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18527	.20972	76.307	.51588	.54067	.97830	359.15
Stddev	.00083	.00051	.264	.00261	.00113	.00093	1.86
%RSD	.44715	.24237	.34656	.50677	.20832	.09457	.51651

#1	.18508	.21031	76.108	.51579	.54052	.97729	359.56
#2	.18456	.20950	76.607	.51331	.53962	.97911	357.13
#3	.18618	.20937	76.207	.51854	.54186	.97849	360.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5078	77.536	.80694	.01644	22.120	1.4751	1.1246
Stddev	.0256	.619	.00079	.00056	.131	.0080	.0019
%RSD	.34029	.79839	.09808	3.3981	.59086	.53989	.16583

#1	7.5321	77.285	.80741	.01586	22.051	1.4740	1.1266
#2	7.4811	77.081	.80603	.01698	22.039	1.4677	1.1240
#3	7.5101	78.241	.80738	.01647	22.271	1.4835	1.1230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.202	.28229	.77008	F 12.526	3.5302	.66038	F 11.269
Stddev	.124	.00050	.00837	.029	.0262	.00244	.046
%RSD	.87052	.17879	1.0865	.23092	.74158	.36966	.40887

#1	14.098	.28262	.77672	12.513	3.5179	.65838	11.248
#2	14.169	.28171	.76068	12.559	3.5603	.66310	11.322
#3	14.339	.28254	.77284	12.505	3.5125	.65965	11.238

Sample Name: K2203-13MS Acquired: 4/23/2019 13:22:09 Type: Unk
Method: P4-ICP2(v3065) 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	.30372	F 13.27	.06633	<.00000	F<.00000
Stddev	.00331	.03	.00451	.20815	5.0152
%RSD	1.0911	.2396	6.8037	3.6797	2.6301
#1	.30192	13.28	.06504	-5.4172	-193.94
#2	.30755	13.30	.07135	-5.7928	-184.91
#3	.30170	13.24	.06260	-5.7606	-193.20
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5650.9	70594.	6996.2	66.143	4215.0
Stddev	11.5	239.	51.3	3.746	6.1
%RSD	.20417	.33859	.73342	5.6629	.14387
#1	5639.2	70652.	6996.7	62.308	4208.9
#2	5651.2	70799.	6944.6	66.328	4214.9
#3	5662.3	70332.	7047.2	69.793	4221.1

Sample Name: CCV02 Acquired: 4/23/2019 13:26:36 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7700	4.8371	4.7581	4.8185	4.7571	9.5085	9.7058	.24105
Stddev	.0043	.0064	.0080	.0040	.0030	.0818	.0955	.00020
%RSD	.09111	.13323	.16725	.08259	.06223	.86001	.98417	.08141
#1	4.7717	4.8302	4.7551	4.8231	4.7541	9.4171	9.6090	.24127
#2	4.7733	4.8429	4.7521	4.8160	4.7601	9.5336	9.7086	.24097
#3	4.7651	4.8382	4.7671	4.8164	4.7571	9.5748	9.8000	.24090
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3865	24.286	.96626	2.3818	1.2046	4.8414	2.4279	23.843
Stddev	.0015	.057	.00307	.0038	.0007	.0023	.0033	.300
%RSD	.06142	.23402	.31798	.15862	.05492	.04707	.13641	1.2598
#1	2.3857	24.232	.96299	2.3782	1.2039	4.8389	2.4245	23.566
#2	2.3855	24.346	.96670	2.3814	1.2047	4.8434	2.4282	23.800
#3	2.3882	24.280	.96908	2.3857	1.2052	4.8419	2.4311	24.163
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3986	1.1993	24.065	2.4163	2.3647	24.132	4.7844	4.8808
Stddev	.0030	.0020	.237	.0024	.0026	.240	.0036	.0660
%RSD	.12433	.16983	.98692	.09875	.10890	.99582	.07591	1.3525
#1	2.3953	1.1970	23.818	2.4180	2.3618	23.881	4.7852	4.8065
#2	2.4012	1.2005	24.087	2.4136	2.3654	24.157	4.7876	4.9327
#3	2.3992	1.2006	24.291	2.4173	2.3668	24.359	4.7805	4.9031
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8020	4.7705	4.7713	4.8134	4.7596	4.848	4.8614	F 2.5473
Stddev	.0057	.0476	.0058	.0245	.0345	.007	.0244	.0632
%RSD	.11855	.99884	.12145	.50792	.72449	.1483	.50215	2.4795
#1	4.8081	4.8209	4.7671	4.7855	4.7933	4.857	4.8836	2.6086
#2	4.8013	4.7646	4.7688	4.8309	4.7612	4.845	4.8653	2.5507
#3	4.7968	4.7261	4.7779	4.8239	4.7244	4.844	4.8353	2.4825

Sample Name: CCV02 Acquired: 4/23/2019 13:26:36 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9849
Stddev	1.4742
%RSD	74.268

#1	3.4749
#2	1.9528
#3	.52706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4757.6	58538.	5619.2	68.337	4721.5
Stddev	9.1	170.	51.1	2.290	5.6
%RSD	.19107	.29084	.90922	3.3515	.11820

#1	4750.8	58718.	5569.3	65.964	4717.2
#2	4754.2	58515.	5616.9	68.513	4719.4
#3	4768.0	58380.	5671.4	70.534	4727.8

Sample Name: CCB02 Acquired: 4/23/2019 13:31:28 Type: Unk
Method: P4-ICP2(v3065) 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	-.00097	.00028	.00076	.00036	.00161	-.00872	.00126	.00002
Stddev	.00114	.00122	.00028	.00163	.00095	.00963	.00036	.00006
%RSD	117.41	437.83	36.926	456.89	59.104	110.44	28.875	272.71

#1	-.00063	-.00070	.00067	.00224	.00271	-.01967	.00137	.00003
#2	-.00004	.00164	.00107	-.00055	.00109	-.00155	.00085	.00008
#3	-.00223	-.00011	.00053	-.00061	.00103	-.00494	.00155	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00561	.00000	.00013	-.00025	.00087	.00001	-.02884
Stddev	.00004	.00786	.00029	.00019	.00011	.00005	.00005	.01395
%RSD	84.831	140.13	15835.	140.30	44.057	6.1120	668.46	48.375

#1	.00009	.01003	-.00002	-.00008	-.00016	.00087	.00006	-.02867
#2	.00001	.01026	.00031	.00026	-.00022	.00092	-.00004	-.01497
#3	.00005	-.00347	-.00028	.00023	-.00038	.00081	.00000	-.04288

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00015	-.03401	.00000	.00015	-.05510	.00021	-.00439
Stddev	.00017	.00045	.00806	.00025	.00001	.02447	.00021	.01247
%RSD	499.17	306.06	23.692	5331.4	7.8187	44.411	98.553	284.13

#1	-.00010	.00025	-.04145	-.00022	.00016	-.02700	.00045	.00994
#2	.00022	-.00064	-.03513	-.00005	.00015	-.06659	.00004	-.01033
#3	-.00002	-.00005	-.02545	.00028	.00013	-.07171	.00016	-.01278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01094	-.00044	.00071	.00108	-.00136	.0020	.00007	F 1.4956
Stddev	.00038	.00147	.00045	.00265	.00117	.0005	.00004	.1597
%RSD	3.4395	334.05	64.111	245.45	86.074	26.06	56.030	10.678

#1	.01130	.00095	.00075	.00408	-.00007	.0018	.00010	1.6760
#2	.01055	-.00029	.00023	.00011	-.00236	.0026	.00003	1.3723
#3	.01098	-.00198	.00113	-.00095	-.00165	.0016	.00007	1.4386

Sample Name: CCB02 Acquired: 4/23/2019 13:31:28 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6959
Stddev	1.1522
%RSD	67.937

#1	2.8660
#2	.56257
#3	1.6592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4936.8	61193.	5598.4	71.477	5356.7
Stddev	12.2	172.	21.3	.835	15.2
%RSD	.24731	.28091	.38056	1.1681	.28332

#1	4922.7	61285.	5590.5	72.366	5339.5
#2	4944.4	61299.	5582.1	70.709	5362.1
#3	4943.3	60995.	5622.5	71.357	5368.4

Sample Name: K2203-13MSD Acquired: 4/23/2019 13:35:56 Type: Unk
Method: P4-ICP2(v3065) 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	.60582	1.9507	1.2352	1.5301	.11436	238.15	.82547
Stddev	.00329	.0089	.0100	.0079	.00095	1.39	.00683
%RSD	.54297	.45604	.80743	.51425	.83470	.58532	.82749

#1	.60852	1.9574	1.2460	1.5344	.11465	237.29	.82325
#2	.60216	1.9406	1.2263	1.5211	.11330	237.41	.82002
#3	.60679	1.9541	1.2332	1.5350	.11514	239.76	.83313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18553	.20927	76.897	.52156	.54205	.97919	359.99
Stddev	.00013	.00037	.349	.00124	.00280	.00117	1.56
%RSD	.07107	.17472	.45428	.23847	.51710	.11985	.43349

#1	.18538	.20958	77.297	.52019	.54495	.97788	358.42
#2	.18561	.20886	76.739	.52261	.53935	.97956	360.01
#3	.18560	.20937	76.654	.52188	.54185	.98014	361.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4936	77.293	.81142	.01549	22.063	1.4892	1.1244
Stddev	.1022	.641	.00339	.00073	.143	.0037	.0015
%RSD	1.3640	.82995	.41785	4.7101	.64967	.25125	.13359

#1	7.4731	76.719	.81503	.01569	22.012	1.4925	1.1261
#2	7.4032	77.174	.80830	.01609	21.952	1.4852	1.1232
#3	7.6045	77.986	.81093	.01468	22.225	1.4901	1.1238

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.215	.28103	.77711	F 12.390	3.5749	.66330	F 11.319
Stddev	.138	.00104	.01114	.104	.0395	.00289	.033
%RSD	.97245	.36988	1.4337	.84029	1.1037	.43520	.29356

#1	14.170	.28222	.78022	12.444	3.6113	.66653	11.357
#2	14.104	.28049	.76474	12.270	3.5806	.66097	11.304
#3	14.370	.28037	.78636	12.455	3.5330	.66240	11.296

Sample Name: K2203-13MSD Acquired: 4/23/2019 13:35:56 Type: Unk
Method: P4-ICP2(v3065) 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	.30588	F 13.32	.06827	<.00000	F<.00000
Stddev	.00197	.09	.00292	.04754	1.8089
%RSD	.64256	.6719	4.2760	.88844	.95687

#1	.30368	13.33	.07134	-5.3159	-187.14
#2	.30649	13.23	.06793	-5.4050	-189.25
#3	.30746	13.40	.06553	-5.3318	-190.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5665.2	70417.	6913.7	65.481	4207.4
Stddev	16.0	213.	57.3	.451	4.2
%RSD	.28210	.30261	.82918	.68880	.10047

#1	5670.4	70366.	6863.2	65.088	4207.1
#2	5647.2	70652.	6901.9	65.974	4203.3
#3	5677.9	70235.	6976.0	65.381	4211.8

Sample Name: K2203-13A Acquired: 4/23/2019 13:40:24 Type: Unk
Method: P4-ICP2(v3065) 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	.60501	1.9562	1.2346	1.5338	.11576	236.75	.82216
Stddev	.00202	.0081	.0026	.0062	.00152	1.40	.00431
%RSD	.33443	.41668	.21158	.40594	1.3092	.58992	.52481

#1	.60302	1.9485	1.2331	1.5405	.11588	237.77	.82306
#2	.60707	1.9647	1.2330	1.5326	.11721	237.33	.82595
#3	.60495	1.9554	1.2376	1.5282	.11419	235.16	.81747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18602	.20926	77.229	.51913	.54234	.98276	361.34
Stddev	.00014	.00057	.362	.00097	.00019	.00176	2.26
%RSD	.07644	.27016	.46875	.18682	.03523	.17942	.62438

#1	.18611	.20884	77.306	.51801	.54251	.98169	363.90
#2	.18610	.20990	76.834	.51961	.54213	.98479	360.44
#3	.18586	.20904	77.545	.51977	.54238	.98180	359.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5115	77.024	.81284	.01560	21.976	1.4918	1.1232
Stddev	.0338	.152	.00104	.00027	.100	.0005	.0005
%RSD	.45069	.19705	.12813	1.7411	.45627	.03556	.04106

#1	7.5360	77.046	.81210	.01559	22.023	1.4913	1.1227
#2	7.5256	77.163	.81403	.01533	22.044	1.4918	1.1237
#3	7.4729	76.862	.81240	.01587	21.861	1.4924	1.1232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.112	.28259	.79779	F 13.268	3.5931	.66401	F 11.372
Stddev	.055	.00111	.01142	.042	.0267	.00341	.045
%RSD	.39011	.39330	1.4310	.31823	.74211	.51401	.39523

#1	14.135	.28185	.81036	13.263	3.5983	.66391	11.394
#2	14.151	.28387	.78806	13.313	3.5642	.66747	11.320
#3	14.049	.28205	.79494	13.229	3.6167	.66065	11.401

Sample Name: K2203-13A Acquired: 4/23/2019 13:40:24 Type: Unk
Method: P4-ICP2(v3065) 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	.30414	F 13.34	.06836	<.00000	F<.00000
Stddev	.00077	.02	.00211	.17813	2.2885
%RSD	.25313	.1446	3.0863	3.4660	1.1727
#1	.30451	13.33	.06689	-5.3399	-192.68
#2	.30465	13.36	.06742	-5.0791	-195.58
#3	.30325	13.32	.07078	-4.9993	-197.20
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5641.1	70575.	6876.3	64.634	4195.0
Stddev	8.6	263.	47.1	1.868	4.6
%RSD	.15267	.37333	.68534	2.8908	.10984
#1	5651.0	70296.	6854.0	62.524	4198.9
#2	5635.1	70608.	6930.4	66.078	4189.9
#3	5637.3	70820.	6844.4	65.300	4196.2

Sample Name: K2203-13DLX10 Acquired: 4/23/2019 13:44:51 Type: Unk
Method: P4-ICP2(v3065) 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	.00585	.00264	.02433	.01547	.00225	25.854	.08216
Stddev	.00190	.00014	.00070	.00213	.00187	.062	.00031
%RSD	32.530	5.4858	2.8745	13.738	83.196	.24157	.38276

#1	.00802	.00264	.02501	.01773	.00303	25.906	.08195
#2	.00448	.00249	.02361	.01516	.00359	25.872	.08253
#3	.00505	.00278	.02436	.01352	.00011	25.785	.08201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	-.00257	8.7436	.02435	.03296	.09797	63.561
Stddev	.00014	.00007	.0965	.00048	.00013	.00092	.356
%RSD	4.8124	2.7720	1.1039	1.9799	.38516	.94132	.56038

#1	.00292	-.00252	8.6735	.02412	.03282	.09849	63.154
#2	.00310	-.00253	8.7035	.02402	.03298	.09691	63.816
#3	.00282	-.00265	8.8537	.02490	.03307	.09852	63.712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0646	9.0588	.02810	-.00375	2.1332	.16958	.08033
Stddev	.0003	.0795	.00016	.00024	.0087	.00048	.00023
%RSD	.03126	.87722	.56779	6.4856	.40800	.28454	.28499

#1	1.0643	9.1250	.02808	-.00389	2.1416	.16920	.08044
#2	1.0650	9.0809	.02795	-.00347	2.1338	.17012	.08006
#3	1.0646	8.9707	.02827	-.00388	2.1242	.16943	.08048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63947	-.00008	.11124	.36509	.35527	.00188	1.3557
Stddev	.01499	.00014	.01120	.00219	.00471	.00075	.0075
%RSD	2.3442	169.78	10.072	.60122	1.3270	39.821	.55347

#1	.63649	-.00004	.11755	.36632	.34985	.00182	1.3498
#2	.62619	.00003	.11786	.36256	.35760	.00266	1.3532
#3	.65573	-.00023	.09830	.36640	.35837	.00116	1.3642

Sample Name: K2203-13DLX10 Acquired: 4/23/2019 13:44:51 Type: Unk
Method: P4-ICP2(v3065) 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	.01526	.7799	-.03643	.86701	F<.00000
Stddev	.00129	.0014	.00027	.26500	2.6073
%RSD	8.4806	.1749	.73309	30.565	45.107
#1	.01466	.7812	-.03616	1.0952	-2.7813
#2	.01674	.7785	-.03670	.57635	-7.5091
#3	.01437	.7800	-.03644	.92951	-7.0503
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5035.0	62119.	5846.7	70.755	5033.3
Stddev	11.2	144.	37.9	1.356	7.5
%RSD	.22152	.23206	.64779	1.9168	.14809
#1	5022.8	62011.	5887.9	69.227	5025.8
#2	5037.7	62063.	5839.0	71.818	5033.5
#3	5044.6	62282.	5813.3	71.218	5040.7

Sample Name: K2203-13DUPDLX10 Acquired: 4/23/2019 13:49:18 Type: Unk
Method: P4-ICP2(v3065) 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	.00309	.00239	.02518	.01598	.00288	25.232	.08041
Stddev	.00099	.00066	.00045	.00045	.00109	.187	.00054
%RSD	32.139	27.455	1.7814	2.8441	37.881	.74097	.67191

#1	.00212	.00277	.02570	.01637	.00164	25.165	.07980
#2	.00410	.00277	.02496	.01548	.00331	25.087	.08060
#3	.00304	.00163	.02488	.01610	.00370	25.443	.08082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	-.00248	8.6057	.02409	.03247	.09622	62.326
Stddev	.00008	.00002	.0695	.00028	.00045	.00058	.124
%RSD	2.9645	.72543	.80774	1.1759	1.3979	.60070	.19898

#1	.00286	-.00247	8.6074	.02391	.03251	.09640	62.384
#2	.00272	-.00250	8.6744	.02396	.03200	.09558	62.184
#3	.00286	-.00247	8.5354	.02442	.03290	.09669	62.411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0452	8.8552	.02776	-.00359	2.0788	.16609	.07938
Stddev	.0005	.1450	.00006	.00022	.0258	.00047	.00075
%RSD	.05075	1.6369	.23089	6.2433	1.2415	.28229	.94313

#1	1.0448	8.8562	.02769	-.00373	2.0708	.16661	.07880
#2	1.0450	8.7097	.02781	-.00333	2.0579	.16595	.07911
#3	1.0458	8.9996	.02777	-.00370	2.1076	.16570	.08022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59823	.00008	.09367	.35484	.34717	.00180	1.3309
Stddev	.02639	.00016	.01292	.00348	.00324	.00033	.0033
%RSD	4.4106	193.64	13.789	.97996	.93237	18.346	.24774

#1	.60649	.00013	.10170	.35814	.34837	.00204	1.3280
#2	.56870	.00020	.07877	.35121	.34964	.00193	1.3345
#3	.61949	-.00009	.10055	.35518	.34351	.00142	1.3302

Sample Name: K2203-13DUPDLX10 Acquired: 4/23/2019 13:49:18 Type: Unk
 Method: P4-ICP2(v3065) 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	.01376	.7661	-.03571	1.2649	F<.00000
Stddev	.00024	.0034	.00018	.1987	1.8092
%RSD	1.7327	.4464	.50627	15.706	31.518

#1	.01354	.7656	-.03582	1.1582	-7.7485
#2	.01374	.7629	-.03550	1.4942	-5.2350
#3	.01401	.7697	-.03580	1.1424	-4.2375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5025.7	62368.	5855.3	71.159	5017.0
Stddev	6.9	155.	64.9	.998	9.6
%RSD	.13746	.24804	1.1088	1.4027	.19176

#1	5019.6	62261.	5822.2	70.782	5016.3
#2	5033.2	62545.	5813.6	70.405	5027.0
#3	5024.3	62297.	5930.1	72.291	5007.8

Sample Name: K2203-13LDLX50 Acquired: 4/23/2019 13:53:44 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00015	.00524	.00411	.00047	5.6512	.01900
Stddev	.00214	.00073	.00064	.00295	.00132	.0338	.00046
%RSD	1231.2	472.88	12.236	71.758	283.26	.59832	2.4284

#1	.00214	.00016	.00451	.00196	.00080	5.6291	.01896
#2	-.00209	-.00058	.00571	.00290	-.00099	5.6344	.01948
#3	-.00058	.00088	.00550	.00747	.00159	5.6901	.01856

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00069	1.9623	.00519	.00718	.02183	14.605
Stddev	.00004	.00006	.0255	.00027	.00022	.00032	.026
%RSD	6.2608	9.1682	1.3014	5.2722	3.0815	1.4449	.17713

#1	.00072	-.00071	1.9337	.00520	.00743	.02196	14.613
#2	.00065	-.00075	1.9704	.00491	.00703	.02147	14.626
#3	.00073	-.00062	1.9828	.00546	.00707	.02206	14.576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23720	1.9825	.00603	-.00097	.43169	.03713	.01685
Stddev	.00056	.0194	.00014	.00042	.01119	.00013	.00008
%RSD	.23778	.98047	2.2439	43.444	2.5919	.34899	.47442

#1	.23782	1.9900	.00618	-.00052	.41927	.03721	.01692
#2	.23672	1.9970	.00598	-.00136	.43483	.03698	.01686
#3	.23706	1.9604	.00592	-.00102	.44098	.03719	.01676

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08528	-.00006	.01642	.06101	.07779	.00027	.29944
Stddev	.00723	.00032	.01372	.00068	.00236	.00060	.00126
%RSD	8.4811	494.31	83.569	1.1140	3.0363	219.42	.41989

#1	.08090	-.00001	.01808	.06031	.08025	.00037	.29805
#2	.08130	.00022	.02923	.06167	.07759	.00081	.30048
#3	.09362	-.00041	.00194	.06106	.07554	-.00037	.29980

Sample Name: K2203-13LDLX50 Acquired: 4/23/2019 13:53:44 Type: Unk
 Method: P4-ICP2(v3065) 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	.00206	.1635	-.00864	2.0754	F<.00000
Stddev	.00151	.0025	.00008	.1182	1.3844
%RSD	73.451	1.525	.96068	5.6952	98.107

#1	.00057	.1623	-.00867	1.9491	-1.7629
#2	.00358	.1663	-.00855	2.1834	.11526
#3	.00201	.1618	-.00871	2.0937	-2.5856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4972.3	61922.	5764.8	72.806	5218.5
Stddev	5.6	185.	18.1	.758	4.8
%RSD	.11288	.29818	.31360	1.0410	.09179

#1	4971.7	61831.	5754.6	72.984	5220.1
#2	4967.0	61801.	5754.1	71.975	5213.1
#3	4978.1	62135.	5785.7	73.459	5222.3

Sample Name: K2203-13MSDLX10 Acquired: 4/23/2019 13:58:07 Type: Unk

Method: P4-ICP2(v3065) 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	.07637	.21744	.12629	.21172	.01526	29.158	.10239
Stddev	.00300	.00099	.00091	.00240	.00063	.144	.00034
%RSD	3.9302	.45602	.72216	1.1318	4.1579	.49460	.33145

#1	.07293	.21838	.12550	.20896	.01548	29.216	.10252
#2	.07775	.21754	.12729	.21327	.01454	28.994	.10200
#3	.07843	.21640	.12609	.21294	.01575	29.264	.10264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02345	.01792	10.165	.06709	.05514	.13332	65.222
Stddev	.00019	.00005	.255	.00037	.00039	.00057	.479
%RSD	.79620	.29469	2.5076	.55355	.71357	.43099	.73481

#1	.02351	.01797	10.452	.06724	.05505	.13379	64.684
#2	.02360	.01792	9.9648	.06735	.05556	.13268	65.604
#3	.02324	.01786	10.077	.06666	.05479	.13348	65.376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0353	9.8312	.08160	.00353	2.6649	.19474	.10160
Stddev	.0020	.1282	.00056	.00026	.0271	.00151	.00018
%RSD	.19337	1.3040	.68203	7.2345	1.0175	.77600	.17255

#1	1.0343	9.6976	.08224	.00359	2.6378	.19625	.10166
#2	1.0376	9.8427	.08128	.00375	2.6648	.19474	.10174
#3	1.0340	9.9532	.08129	.00325	2.6921	.19323	.10141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6517	.03664	.12130	1.2072	.49143	.06810	1.4740
Stddev	.0322	.00021	.01490	.0026	.00960	.00055	.0172
%RSD	1.9484	.56637	12.287	.21215	1.9540	.80322	1.1659

#1	1.6165	.03644	.11274	1.2068	.50237	.06762	1.4926
#2	1.6590	.03661	.13851	1.2099	.48750	.06869	1.4586
#3	1.6796	.03686	.11266	1.2048	.48441	.06797	1.4708

Sample Name: K2203-13MSDLX10 Acquired: 4/23/2019 13:58:07 Type: Unk
Method: P4-ICP2(v3065) 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	.03801	1.331	-.01090	1.1459	F<.00000
Stddev	.00244	.004	.00134	.1078	1.3870
%RSD	6.4117	.3119	12.301	9.4106	28.223
#1	.03915	1.332	-.00939	1.0323	-4.4927
#2	.03522	1.335	-.01196	1.2469	-3.7874
#3	.03968	1.326	-.01134	1.1584	-6.4635
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5011.8	62105.	5803.8	71.617	4988.1
Stddev	3.4	65.	112.7	1.596	7.5
%RSD	.06750	.10420	1.9415	2.2288	.15018
#1	5014.0	62132.	5674.2	69.918	4988.3
#2	5007.9	62032.	5858.7	73.086	4980.6
#3	5013.4	62153.	5878.4	71.847	4995.5

Sample Name: K2203-13MSDDLX10 Acquired: 4/23/2019 14:02:30 Type: Unk
Method: P4-ICP2(v3065) 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	.07781	.21998	.13038	.21527	.01369	29.731	.10482
Stddev	.00246	.00131	.00037	.00257	.00060	.056	.00118
%RSD	3.1609	.59677	.28038	1.1938	4.3718	.18782	1.1218

#1	.07567	.22136	.13058	.21650	.01300	29.678	.10396
#2	.08049	.21982	.13061	.21699	.01401	29.725	.10434
#3	.07726	.21875	.12996	.21231	.01405	29.789	.10616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02399	.01826	10.323	.06881	.05601	.13591	65.923
Stddev	.00018	.00006	.004	.00070	.00046	.00041	.295
%RSD	.76263	.34564	.04191	1.0145	.82553	.30452	.44708

#1	.02401	.01829	10.321	.06960	.05646	.13631	65.585
#2	.02417	.01818	10.328	.06857	.05554	.13595	66.127
#3	.02380	.01830	10.321	.06827	.05605	.13549	66.057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0508	9.8945	.08256	.00386	2.7482	.19783	.10338
Stddev	.0017	.1183	.00050	.00021	.0243	.00018	.00033
%RSD	.16536	1.1952	.60537	5.5468	.88540	.08989	.32386

#1	1.0528	9.8533	.08253	.00394	2.7235	.19762	.10371
#2	1.0502	9.8023	.08207	.00403	2.7489	.19791	.10304
#3	1.0495	10.028	.08307	.00362	2.7721	.19795	.10339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6905	.03696	.12253	1.2032	.49755	.06930	1.4931
Stddev	.0226	.00007	.01058	.0013	.00864	.00112	.0074
%RSD	1.3372	.18241	8.6372	.10914	1.7356	1.6225	.49377

#1	1.6779	.03692	.13463	1.2047	.50718	.07027	1.4916
#2	1.6770	.03692	.11501	1.2028	.49500	.06957	1.5011
#3	1.7166	.03704	.11793	1.2022	.49048	.06807	1.4866

Sample Name: K2203-13MSDDLX10 Acquired: 4/23/2019 14:02:30 Type: Unk
Method: P4-ICP2(v3065) 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	.03936	1.350	-.01084	1.0240	F<.00000
Stddev	.00152	.005	.00044	.2499	.28023
%RSD	3.8656	.3741	4.0375	24.402	6.6254
#1	.04081	1.353	-.01034	1.2202	-3.9476
#2	.03951	1.344	-.01117	.74269	-4.2333
#3	.03777	1.353	-.01100	1.1091	-4.5080
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5000.3	61748.	5794.1	71.209	4976.9
Stddev	13.9	39.	33.6	.767	13.4
%RSD	.27835	.06330	.57978	1.0773	.26869
#1	4986.1	61719.	5759.7	70.670	4963.5
#2	5013.9	61731.	5795.8	70.870	4990.2
#3	5000.8	61792.	5826.9	72.088	4977.1

Sample Name: K2203-13ADLX10 Acquired: 4/23/2019 14:06:53 Type: Unk
Method: P4-ICP2(v3065) 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	.07909	.21318	.12601	.20874	.01479	28.752	.10171
Stddev	.00102	.00206	.00092	.00281	.00063	.229	.00078
%RSD	1.2866	.96835	.73316	1.3451	4.2328	.79578	.76292

#1	.07794	.21122	.12707	.20629	.01548	28.512	.10155
#2	.07987	.21534	.12559	.21180	.01462	28.968	.10256
#3	.07947	.21299	.12538	.20813	.01427	28.776	.10104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02306	.01780	10.051	.06564	.05427	.13251	64.244
Stddev	.00006	.00010	.032	.00036	.00009	.00058	.449
%RSD	.24813	.53652	.31372	.54536	.15670	.43516	.69879

#1	.02310	.01791	10.087	.06525	.05436	.13317	63.780
#2	.02300	.01775	10.040	.06596	.05419	.13230	64.676
#3	.02309	.01773	10.027	.06572	.05426	.13208	64.277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0256	9.7051	.08081	.00366	2.6237	.19111	.10084
Stddev	.0012	.0496	.00017	.00015	.0278	.00122	.00077
%RSD	.11727	.51113	.21203	4.1996	1.0576	.63927	.76171

#1	1.0255	9.6584	.08084	.00371	2.5924	.19042	.10171
#2	1.0268	9.7572	.08096	.00349	2.6337	.19252	.10026
#3	1.0244	9.6999	.08062	.00378	2.6451	.19039	.10054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6089	.03597	.11534	1.2458	.48107	.06640	1.4548
Stddev	.0438	.00006	.00469	.0008	.00503	.00078	.0042
%RSD	2.7242	.15597	4.0659	.06091	1.0449	1.1782	.28743

#1	1.5585	.03591	.11587	1.2464	.48617	.06587	1.4593
#2	1.6311	.03597	.11974	1.2450	.48094	.06604	1.4510
#3	1.6373	.03602	.11041	1.2460	.47612	.06730	1.4541

Sample Name: K2203-13ADLX10 Acquired: 4/23/2019 14:06:53 Type: Unk
 Method: P4-ICP2(v3065) 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	.03638	1.306	-.01044	1.4743	F<.00000
Stddev	.00073	.005	.00044	.0636	2.3412
%RSD	2.0055	.3503	4.1884	4.3117	49.717

#1	.03595	1.311	-.01012	1.5472	-5.8571
#2	.03596	1.301	-.01094	1.4303	-2.0154
#3	.03722	1.305	-.01026	1.4455	-6.2544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4983.0	61771.	5768.9	70.457	4968.4
Stddev	6.5	302.	33.2	.651	7.7
%RSD	.13122	.48859	.57574	.92394	.15402

#1	4982.6	61942.	5731.5	69.880	4961.6
#2	4989.8	61422.	5780.3	70.330	4976.7
#3	4976.7	61948.	5794.9	71.163	4966.9

Sample Name: PB119136BL Acquired: 4/23/2019 14:11:16 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119136BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00024	.00015	.00030	.00067	-.01110	.00106
Stddev	.00124	.00051	.00068	.00113	.00045	.00913	.00050
%RSD	220.87	216.27	438.43	379.46	67.377	82.297	46.730

#1	-.00190	.00081	.00020	-.00092	.00017	-.00474	.00143
#2	-.00033	.00007	-.00054	.00049	.00080	-.00700	.00127
#3	.00055	-.00017	.00081	.00132	.00104	-.02156	.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00000	.00551	-.00011	.00026	-.00027	.00073
Stddev	.00011	.00006	.00945	.00024	.00001	.00051	.00074
%RSD	909.38	2139.6	171.35	221.98	2.3901	188.50	100.52

#1	.00011	.00006	.00742	-.00038	.00026	-.00017	.00134
#2	.00003	-.00001	-.00474	.00009	.00026	-.00082	.00095
#3	-.00011	-.00006	.01386	-.00004	.00025	.00018	-.00009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01215	.00019	.00021	-.04897	.00028	-.00004
Stddev	.00002	.03065	.00024	.00008	.01381	.00028	.00005
%RSD	57.478	252.25	130.17	38.975	28.195	101.00	127.36

#1	-.00004	-.00318	.00039	.00015	-.06397	.00041	-.00008
#2	-.00006	-.00781	.00025	.00017	-.04614	.00048	.00002
#3	-.00002	.04744	-.00008	.00030	-.03679	-.00004	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07617	-.00019	.00304	F -.01757	-.00203	-.00049	-.00061
Stddev	.01680	.00026	.00677	.00079	.00086	.00034	.00084
%RSD	22.058	137.41	222.77	4.4771	42.204	69.330	137.96

#1	-.05735	-.00023	-.00476	-.01715	-.00137	-.00084	.00033
#2	-.08149	-.00043	.00651	-.01708	-.00172	-.00016	-.00086
#3	-.08967	.00009	.00736	-.01848	-.00300	-.00047	-.00130

Sample Name: PB119136BL Acquired: 4/23/2019 14:11:16 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119136BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.0014	.00003	F 1.6646	F 2.4849
Stddev	.00113	.0010	.00008	.1235	.4084
%RSD	67.002	69.52	307.76	7.4205	16.437
#1	-.00228	.0024	.00010	1.8069	2.9565
#2	-.00038	.0004	.00004	1.5856	2.2484
#3	-.00241	.0015	-.00006	1.6012	2.2497
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4932.9	61608.	5642.5	71.262	5347.8
Stddev	9.9	262.	19.9	.940	11.5
%RSD	.20059	.42603	.35352	1.3194	.21476
#1	4922.3	61599.	5622.7	70.266	5334.6
#2	4934.4	61876.	5642.2	72.134	5353.2
#3	4941.9	61351.	5662.6	71.386	5355.5

Sample Name: PB119136BS Acquired: 4/23/2019 14:15:42 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119136BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70698	1.9076	.92103	1.8373	.71830	1.8196	.18936
Stddev	.00161	.0072	.00351	.0081	.00344	.0169	.00106
%RSD	.22750	.37720	.38083	.44048	.47825	.93077	.55812

#1	.70674	1.9124	.91710	1.8417	.72206	1.8008	.18832
#2	.70869	1.9110	.92384	1.8423	.71751	1.8243	.19044
#3	.70550	1.8993	.92215	1.8280	.71532	1.8337	.18933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18459	.17944	1.0165	.39271	.18817	.30000	2.9797
Stddev	.00069	.00078	.0029	.00067	.00098	.00078	.0047
%RSD	.37530	.43384	.28706	.17024	.51824	.26146	.15745

#1	.18441	.18029	1.0145	.39195	.18855	.30004	2.9817
#2	.18536	.17876	1.0199	.39322	.18889	.30077	2.9831
#3	.18401	.17927	1.0152	.39296	.18706	.29920	2.9744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19844	1.8131	.47386	.06817	2.8153	.29382	.18443
Stddev	.00042	.0309	.00102	.00009	.0177	.00017	.00045
%RSD	.21007	1.7019	.21570	.12671	.62967	.05879	.24381

#1	.19865	1.7812	.47371	.06814	2.7973	.29362	.18440
#2	.19871	1.8428	.47495	.06827	2.8328	.29394	.18490
#3	.19796	1.8152	.47292	.06811	2.8159	.29389	.18400

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3809	.38180	.28497	F -.01811	.88030	.64032	.19125
Stddev	.0657	.00212	.01549	.00092	.00167	.00294	.00117
%RSD	.70002	.55455	5.4344	5.0719	.18922	.45930	.61181

#1	9.3080	.38288	.29691	-.01752	.88222	.64158	.19012
#2	9.4354	.38315	.26747	-.01917	.87925	.64241	.19118
#3	9.3994	.37936	.29053	-.01764	.87943	.63696	.19246

Sample Name: PB119136BS Acquired: 4/23/2019 14:15:42 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119136BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18794	5.077	.19163	F 1.6884	F<.00000
Stddev	.00205	.004	.00029	.1426	1.6406
%RSD	1.0924	.0704	.15032	8.4462	58.047

#1	.18605	5.079	.19177	1.8523	-3.5309
#2	.19013	5.079	.19182	1.6204	-.95114
#3	.18765	5.073	.19129	1.5926	-3.9971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4958.4	61862.	5637.5	71.936	5230.0
Stddev	4.2	134.	27.3	1.321	6.2
%RSD	.08374	.21659	.48473	1.8369	.11892

#1	4961.1	61949.	5606.1	70.725	5236.7
#2	4953.6	61707.	5655.3	73.345	5228.8
#3	4960.4	61928.	5651.3	71.739	5224.5

Sample Name: CCV03 Acquired: 4/23/2019 14:19:47 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7896	4.9197	4.7987	4.8731	4.7788	9.4354	9.6460	.24261
Stddev	.0148	.0090	.0049	.0139	.0079	.0012	.0267	.00058
%RSD	.30933	.18248	.10280	.28543	.16453	.01298	.27685	.24042
#1	4.7844	4.9104	4.8019	4.8783	4.7702	9.4364	9.6170	.24208
#2	4.8063	4.9283	4.8011	4.8573	4.7809	9.4358	9.6514	.24323
#3	4.7781	4.9204	4.7930	4.8836	4.7855	9.4341	9.6696	.24250
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4075	24.645	.97634	2.4075	1.2129	4.8868	2.4495	23.840
Stddev	.0017	.026	.00100	.0023	.0017	.0087	.0035	.148
%RSD	.06896	.10479	.10268	.09729	.13631	.17834	.14111	.62143
#1	2.4083	24.675	.97679	2.4067	1.2113	4.8906	2.4516	23.928
#2	2.4087	24.628	.97519	2.4102	1.2129	4.8769	2.4455	23.669
#3	2.4056	24.633	.97704	2.4057	1.2146	4.8930	2.4515	23.923
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4241	1.2078	24.040	2.4476	2.3895	24.218	4.8164	4.8916
Stddev	.0034	.0026	.097	.0040	.0021	.061	.0063	.0454
%RSD	.14003	.21719	.40254	.16475	.08923	.25114	.13092	.92731
#1	2.4260	1.2108	23.934	2.4492	2.3871	24.152	4.8099	4.8397
#2	2.4261	1.2062	24.063	2.4430	2.3909	24.230	4.8166	4.9237
#3	2.4202	1.2063	24.123	2.4505	2.3906	24.272	4.8226	4.9113
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8831	4.8695	4.8393	4.8620	4.7772	4.947	4.9215	F 3.0669
Stddev	.0067	.0215	.0095	.0189	.0290	.012	.0148	.1535
%RSD	.13766	.44133	.19557	.38857	.60638	.2366	.29984	5.0035
#1	4.8829	4.8927	4.8284	4.8826	4.8098	4.946	4.9382	3.2407
#2	4.8899	4.8503	4.8438	4.8577	4.7673	4.960	4.9103	2.9501
#3	4.8765	4.8656	4.8456	4.8455	4.7544	4.936	4.9161	3.0098

Sample Name: CCV03 Acquired: 4/23/2019 14:19:47 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.0827
Stddev	.6333
%RSD	12.460

#1	4.3592
#2	5.5362
#3	5.3527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4767.5	58946.	5565.5	68.320	4712.1
Stddev	8.3	26.	22.7	.781	4.5
%RSD	.17439	.04454	.40829	1.1432	.09455

#1	4773.7	58934.	5539.4	68.729	4717.1
#2	4770.8	58976.	5580.8	68.811	4710.4
#3	4758.1	58928.	5576.4	67.419	4708.7

Sample Name: CCB03 Acquired: 4/23/2019 14:23:44 Type: Unk
Method: P4-ICP2(v3065) 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	-.00067	.00127	-.00017	.00128	.00058	-.01429	.00118
Stddev	.00201	.00016	.00008	.00111	.00075	.00503	.00050
%RSD	300.10	12.422	47.209	87.016	130.82	35.196	42.548

#1	.00062	.00119	-.00027	.00235	.00103	-.01686	.00136
#2	-.00299	.00116	-.00013	.00013	-.00029	-.01752	.00061
#3	.00035	.00145	-.00012	.00135	.00100	-.00850	.00157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.00577	-.00012	.00009	-.00025	.00002
Stddev	.00011	.00000	.00918	.00016	.00014	.00034	.00037
%RSD	538.76	12.135	159.02	128.72	151.43	138.68	2294.6

#1	.00011	.00004	.00826	-.00022	.00015	-.00052	.00044
#2	.00005	.00004	.01345	.00006	-.00007	.00013	-.00017
#3	-.00010	.00003	-.00439	-.00020	.00020	-.00035	-.00022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01054	-.00010	.00004	-.04136	.00000	-.00002
Stddev	.00004	.02045	.00037	.00025	.00332	.00022	.00010
%RSD	95.010	194.06	393.16	666.79	8.0348	11808.	493.41

#1	-.00002	.01302	-.00041	-.00020	-.04519	-.00025	.00008
#2	-.00001	-.02095	-.00019	.00002	-.03920	.00012	-.00001
#3	-.00008	-.02369	.00032	.00030	-.03970	.00014	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06073	.00053	.00324	F -.01877	-.00043	.00079	-.00075
Stddev	.00909	.00022	.00147	.00084	.00245	.00043	.00075
%RSD	14.974	41.856	45.423	4.4825	567.91	53.566	100.45

#1	-.06733	.00042	.00211	-.01953	.00232	.00104	.00005
#2	-.06451	.00078	.00271	-.01892	-.00236	.00104	-.00085
#3	-.05036	.00038	.00491	-.01787	-.00126	.00030	-.00145

Sample Name: CCB03 Acquired: 4/23/2019 14:23:44 Type: Unk
 Method: P4-ICP2(v3065) 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	-.00079	.0004	.00003	F 1.8725	F 2.1195
Stddev	.00097	.0003	.00005	.1391	2.0510
%RSD	122.92	92.67	164.71	7.4302	96.769
#1	.00015	.0007	.00009	1.9748	-.23061
#2	-.00073	.0002	.00001	1.9286	3.5483
#3	-.00178	.0001	-.00001	1.7141	3.0407
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4976.6	61893.	5667.5	71.964	5379.8
Stddev	17.1	265.	49.2	1.466	13.6
%RSD	.34305	.42813	.86895	2.0365	.25256
#1	4961.8	61797.	5616.6	70.891	5366.5
#2	4972.8	62192.	5714.9	73.634	5379.1
#3	4995.3	61689.	5671.1	71.368	5393.7

Sample Name: LR CHECK 1 Acquired: 4/23/2019 14:28:02 Type: Unk
Method: P4-ICP2(v3065) 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	-.04049	.06456	.07051	.06396	.06233	1996.0	.01156	.03617
Stddev	.00122	.00263	.00218	.01239	.00899	2.9	.00012	.00037
%RSD	3.0144	4.0787	3.0945	19.367	14.416	.14642	1.0730	1.0155
#1	-.03960	.06413	.06835	.05749	.05563	1996.0	.01166	.03576
#2	-.04188	.06738	.07048	.05615	.07254	1993.1	.01142	.03647
#3	-.04000	.06217	.07271	.07825	.05882	1999.0	.01160	.03630
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02037	1845.4	-.05344	.04710	.06130	818.09	-.00233	1748.2
Stddev	.00026	6.1	.00051	.00087	.00184	2.75	.00033	3.3
%RSD	1.2565	.33257	.95566	1.8375	2.9956	.33659	14.303	.18924
#1	.02061	1851.8	-.05357	.04617	.05948	815.06	-.00202	1744.3
#2	.02039	1844.6	-.05387	.04723	.06315	818.78	-.00268	1750.2
#3	.02010	1839.6	-.05287	.04789	.06126	820.43	-.00229	1749.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06606	-.13054	1645.6	.01034	.06695	1087.0	-.00334	.21410
Stddev	.00034	.00100	15.6	.00067	.00100	9.1	.00105	.01370
%RSD	.51579	.76552	.94801	6.4312	1.4968	.83328	31.615	6.4006
#1	.06644	-.13124	1660.6	.00958	.06799	1097.3	-.00306	.19841
#2	.06578	-.13097	1646.7	.01062	.06685	1083.7	-.00450	.22014
#3	.06597	-.12939	1629.5	.01082	.06600	1080.0	-.00245	.22374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43442	-.02110	.02376	-.05239	.09837	.0567	-.88304	1.8557
Stddev	.00398	.00335	.00551	.00255	.00214	.0054	.00301	.0409
%RSD	.91501	15.877	23.166	4.8747	2.1806	9.524	.34142	2.2030
#1	.43880	-.02200	.02672	-.05327	.10010	.0515	-.87970	1.8398
#2	.43105	-.02390	.01741	-.05439	.09597	.0563	-.88384	1.8251
#3	.43341	-.01739	.02716	-.04952	.09903	.0623	-.88557	1.9021

Sample Name: LR CHECK 1 Acquired: 4/23/2019 14:28:02 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	5.0016
%RSD	1.9469

#1	-262.57
#2	-255.06
#3	-253.09

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3323.3	41250.	4842.2	55.589	2701.9
Stddev	14.1	109.	6.9	1.157	8.0
%RSD	.42462	.26357	.14288	2.0804	.29497

#1	3330.8	41368.	4849.1	56.766	2699.1
#2	3332.1	41227.	4842.3	54.454	2710.9
#3	3307.0	41154.	4835.2	55.546	2695.7

Sample Name: LR CHECK 2 Acquired: 4/23/2019 14:33:04 Type: Unk
Method: P4-ICP2(v3065) 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	-.00357	-.00526	231.64	.02674	-.03016	-.21655	91.624	-.00134
Stddev	.00154	.00101	.12	.00101	.00165	.00867	1.143	.00010
%RSD	43.035	19.182	.05232	3.7775	5.4653	4.0036	1.2471	7.1659

#1	-.00513	-.00410	231.53	.02575	-.03201	-.22640	90.686	-.00127
#2	-.00205	-.00593	231.60	.02777	-.02964	-.21317	92.896	-.00131
#3	-.00353	-.00575	231.77	.02671	-.02883	-.21008	91.289	-.00145

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00595	.26921	-.12807	.00059	253.94	-.72904	42.352	-.06738
Stddev	.00009	.01561	.00052	.00017	.71	.00245	.253	.02082
%RSD	1.5819	5.7997	.40635	29.423	.27817	.33636	.59667	30.901

#1	-.00585	.26281	-.12796	.00060	253.94	-.72626	42.098	-.04401
#2	-.00596	.28701	-.12762	.00041	254.66	-.73091	42.356	-.07418
#3	-.00603	.25782	-.12864	.00076	253.24	-.72994	42.603	-.08395

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.923	.00730	.72318	-.04038	34.071	1.0440	-.00570	-.00699
Stddev	.061	.00047	.00910	.00063	.123	.0512	.00048	.02019
%RSD	.12272	6.4547	1.2582	1.5681	.36102	4.9075	8.3453	288.84

#1	49.931	.00759	.71482	-.04094	34.160	1.0996	-.00601	-.02871
#2	49.858	.00756	.72186	-.04052	33.931	1.0336	-.00594	-.00346
#3	49.980	.00676	.73287	-.03969	34.123	.99875	-.00515	.01120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10914	-.01003	.00034	.02143	-.00286	.2203	.00254	3.1516
Stddev	.00314	.00086	.00008	.00139	.00029	.0044	.00006	.2161
%RSD	2.8761	8.5303	22.716	6.5010	10.113	1.998	2.2327	6.8567

#1	.10779	-.01080	.00031	.02176	-.00296	.2158	.00257	3.0707
#2	.10690	-.00911	.00029	.02262	-.00254	.2205	.00257	2.9875
#3	.11273	-.01018	.00043	.01990	-.00309	.2246	.00247	3.3964

Sample Name: LR CHECK 2 Acquired: 4/23/2019 14:33:04 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.7751
Stddev	1.1874
%RSD	42.789

#1	4.1402
#2	1.9814
#3	2.2036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4599.5	60799.	5674.1	72.953	4844.5
Stddev	8.0	179.	5.1	.658	1.2
%RSD	.17499	.29469	.08947	.90187	.02389

#1	4601.6	60984.	5678.2	73.086	4843.2
#2	4590.7	60627.	5675.8	72.239	4845.4
#3	4606.4	60786.	5668.5	73.534	4845.0

Sample Name: K2204-03 Acquired: 4/23/2019 14:37:53 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04807	.01021	.39413	.04254	.00713	126.09	.46858
Stddev	.00437	.00081	.00320	.00287	.00116	.65	.00183
%RSD	9.1015	7.9153	.81184	6.7556	16.339	.51825	.39132

#1	.04322	.01052	.39767	.04511	.00725	125.59	.46837
#2	.04924	.00929	.39328	.04308	.00591	125.84	.46686
#3	.05173	.01082	.39144	.03944	.00823	126.83	.47051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01287	-.00360	111.00	.15175	.09970	.49503	202.32
Stddev	.00015	.00011	.40	.00058	.00037	.00056	.46
%RSD	1.1961	3.1762	.35699	.38301	.36875	.11366	.22544

#1	.01293	-.00362	111.43	.15197	.09947	.49542	202.28
#2	.01298	-.00348	110.91	.15219	.10012	.49529	201.89
#3	.01269	-.00370	110.66	.15109	.09951	.49438	202.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6033	45.697	.14851	-.01685	2.9945	.44346	.83155
Stddev	.0020	.067	.00022	.00022	.0130	.00127	.00193
%RSD	.05487	.14569	.14774	1.2773	.43237	.28665	.23163

#1	3.6011	45.719	.14842	-.01669	2.9862	.44282	.83315
#2	3.6038	45.622	.14875	-.01710	2.9879	.44492	.83209
#3	3.6049	45.749	.14834	-.01677	3.0094	.44264	.82941

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9273	.00190	.58695	3.0108	2.8527	.01225	2.0671
Stddev	.0544	.00015	.00854	.0105	.0301	.00027	.0031
%RSD	.68667	8.0344	1.4547	.34943	1.0556	2.1780	.14912

#1	7.8821	.00176	.58680	3.0038	2.8180	.01200	2.0641
#2	7.9121	.00188	.57848	3.0229	2.8721	.01223	2.0671
#3	7.9877	.00207	.59555	3.0058	2.8680	.01253	2.0702

Sample Name: K2204-03 Acquired: 4/23/2019 14:37:53 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13030	4.579	.26053	.57597	F<.00000
Stddev	.00120	.007	.00138	.04438	3.6943
%RSD	.92364	.1551	.52780	7.7054	9.3383

#1	.12894	4.575	.26182	.62651	-35.700
#2	.13073	4.587	.26069	.54335	-39.918
#3	.13123	4.574	.25908	.55805	-43.062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5043.9	62432.	6141.3	69.924	4541.0
Stddev	11.8	115.	21.4	1.592	10.7
%RSD	.23463	.18359	.34789	2.2771	.23611

#1	5043.1	62508.	6126.6	70.507	4537.2
#2	5032.5	62489.	6131.4	68.123	4532.8
#3	5056.1	62300.	6165.8	71.143	4553.2

Sample Name: K2204-03DUP Acquired: 4/23/2019 14:42:17 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05164	.01020	.39629	.04206	.00663	128.29	.46516
Stddev	.00233	.00089	.00221	.00502	.00138	.67	.00190
%RSD	4.5198	8.6906	.55717	11.934	20.783	.52190	.40783

#1	.05318	.00930	.39755	.03627	.00634	128.01	.46470
#2	.05279	.01107	.39374	.04470	.00542	127.81	.46354
#3	.04895	.01024	.39759	.04520	.00813	129.06	.46725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01330	-.00366	112.71	.15588	.10219	.52063	207.65
Stddev	.00019	.00015	.20	.00118	.00043	.00086	.48
%RSD	1.4322	3.9997	.18079	.75810	.41969	.16433	.23240

#1	.01308	-.00363	112.93	.15451	.10223	.52162	207.13
#2	.01341	-.00383	112.53	.15659	.10174	.52008	208.09
#3	.01341	-.00354	112.68	.15653	.10259	.52020	207.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6316	47.003	.15256	-.01755	2.8977	.47217	.83913
Stddev	.0175	.254	.00064	.00020	.0187	.00245	.00027
%RSD	.48162	.53940	.42275	1.1276	.64412	.51914	.03221

#1	3.6414	46.944	.15187	-.01736	2.8861	.47006	.83926
#2	3.6114	46.785	.15268	-.01753	2.8878	.47160	.83931
#3	3.6419	47.281	.15314	-.01776	2.9193	.47486	.83882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7559	.00179	.56713	2.9172	2.9484	.01283	2.1151
Stddev	.0650	.00016	.00366	.0055	.0240	.00121	.0051
%RSD	.83876	8.7090	.64574	.18768	.81391	9.4640	.23927

#1	7.7348	.00192	.56294	2.9112	2.9577	.01295	2.1174
#2	7.7041	.00183	.56971	2.9183	2.9664	.01156	2.1093
#3	7.8289	.00161	.56875	2.9220	2.9211	.01397	2.1186

Sample Name: K2204-03DUP Acquired: 4/23/2019 14:42:17 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13368	4.742	.27635	<.00000	F<.00000
Stddev	.00148	.011	.00134	.28701	.92727
%RSD	1.1059	.2265	.48542	76.636	2.3298

#1	.13346	4.753	.27784	-.12728	-40.740
#2	.13525	4.742	.27597	-.68927	-38.886
#3	.13232	4.731	.27523	-.30700	-39.777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5045.4	62118.	6102.7	69.393	4528.8
Stddev	6.5	156.	34.8	.821	3.3
%RSD	.12932	.25085	.56974	1.1830	.07247

#1	5041.7	62059.	6070.7	68.467	4531.9
#2	5041.5	62294.	6097.8	70.033	4529.0
#3	5052.9	62000.	6139.7	69.678	4525.4

Sample Name: K2204-03LX5 Acquired: 4/23/2019 14:46:43 Type: Unk
Method: P4-ICP2(v3065) 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	.01289	.00320	.08561	.01397	.00193	27.590	.10091
Stddev	.00079	.00033	.00066	.00081	.00061	.147	.00059
%RSD	6.1548	10.232	.76576	5.7896	31.857	.53156	.58863

#1	.01310	.00350	.08636	.01457	.00190	27.690	.10129
#2	.01202	.00285	.08522	.01428	.00256	27.422	.10023
#3	.01356	.00324	.08524	.01305	.00133	27.659	.10122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	-.00211	25.478	.03395	.02087	.11677	51.875
Stddev	.00013	.00006	.168	.00084	.00005	.00054	.133
%RSD	4.5231	2.8590	.65833	2.4645	.26087	.46361	.25598

#1	.00283	-.00218	25.597	.03444	.02088	.11623	51.836
#2	.00285	-.00209	25.550	.03298	.02082	.11675	51.766
#3	.00307	-.00206	25.286	.03442	.02093	.11731	52.023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82204	10.260	.03040	-.00308	.74274	.10115	.16447
Stddev	.00176	.058	.00013	.00019	.02293	.00093	.00040
%RSD	.21397	.56436	.41782	6.1461	3.0872	.92036	.24613

#1	.82407	10.307	.03025	-.00304	.72115	.10093	.16400
#2	.82100	10.196	.03048	-.00291	.74027	.10035	.16466
#3	.82104	10.278	.03046	-.00328	.76681	.10217	.16474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7473	.00022	.13041	.57003	.65611	.00282	.47014
Stddev	.0224	.00015	.00432	.00471	.01517	.00062	.00454
%RSD	1.2839	67.909	3.3144	.82681	2.3125	21.911	.96609

#1	1.7476	.00038	.13171	.56467	.65197	.00217	.47390
#2	1.7248	.00018	.12559	.57188	.67293	.00340	.47143
#3	1.7696	.00010	.13394	.57353	.64344	.00289	.46509

Sample Name: K2204-03LX5 Acquired: 4/23/2019 14:46:43 Type: Unk
 Method: P4-ICP2(v3065) 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	.03135	.9234	.05522	1.3337	F<.00000
Stddev	.00188	.0025	.00026	.3321	1.0455
%RSD	5.9850	.2758	.46896	24.900	28.386

#1	.03287	.9231	.05507	1.6799	-4.8833
#2	.02925	.9261	.05552	1.3034	-2.9708
#3	.03193	.9211	.05508	1.0178	-3.1951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4924.1	60218.	5706.5	69.820	4959.4
Stddev	12.7	298.	43.2	1.366	4.8
%RSD	.25852	.49545	.75685	1.9566	.09585

#1	4910.9	60011.	5675.5	68.505	4955.0
#2	4925.1	60560.	5688.1	69.725	4958.6
#3	4936.4	60083.	5755.8	71.232	4964.5

Sample Name: K2204-03MS Acquired: 4/23/2019 14:51:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73828	1.9720	1.4203	1.8156	.15882	157.94	.67875
Stddev	.00167	.0164	.0008	.0055	.00243	.97	.00452
%RSD	.22583	.83128	.05279	.30320	1.5272	.61402	.66553

#1	.73702	1.9552	1.4198	1.8150	.15896	157.55	.67940
#2	.74017	1.9879	1.4212	1.8213	.16117	159.04	.68290
#3	.73764	1.9729	1.4200	1.8103	.15633	157.23	.67393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20330	.19436	114.63	.58634	.35065	.81969	218.11
Stddev	.00034	.00043	.56	.00192	.00126	.00136	1.69
%RSD	.16639	.22065	.48520	.32782	.35884	.16542	.77613

#1	.20307	.19485	115.18	.58663	.35053	.82125	217.56
#2	.20369	.19420	114.07	.58811	.35197	.81898	220.01
#3	.20314	.19404	114.64	.58429	.34946	.81883	216.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9461	55.238	.68267	.04929	8.4518	.74969	1.1556
Stddev	.0182	.210	.00228	.00070	.0476	.00238	.0013
%RSD	.46231	.37951	.33470	1.4261	.56382	.31786	.11027

#1	3.9298	55.352	.68069	.04992	8.4629	.74758	1.1569
#2	3.9658	55.365	.68517	.04944	8.4929	.75228	1.1544
#3	3.9427	54.996	.68214	.04853	8.3996	.74923	1.1554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.049	.33945	.65610	3.2603	3.5519	.66822	2.3812
Stddev	.098	.00140	.01087	.0307	.0429	.00449	.0076
%RSD	.51472	.41203	1.6567	.94144	1.2085	.67119	.32133

#1	19.051	.33872	.65954	3.2338	3.6004	.66607	2.3773
#2	19.147	.34106	.66484	3.2939	3.5364	.67337	2.3900
#3	18.951	.33856	.64393	3.2530	3.5189	.66521	2.3763

Sample Name: K2204-03MS Acquired: 4/23/2019 14:51:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34687	F 10.61	.38672	<.00000	F<.00000
Stddev	.00222	.08	.00397	.14627	3.1476
%RSD	.64098	.7953	1.0264	99.323	6.4930
#1	.34447	10.55	.39078	.01727	-51.489
#2	.34728	10.70	.38285	-.19651	-48.735
#3	.34886	10.57	.38655	-.26256	-45.209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5001.3	61669.	5966.7	67.383	4451.9
Stddev	5.8	324.	32.3	2.107	5.5
%RSD	.11658	.52537	.54077	3.1268	.12420
#1	4997.9	61584.	5929.5	64.955	4453.9
#2	5008.0	61396.	5987.7	68.737	4456.1
#3	4997.9	62027.	5982.8	68.456	4445.6

Sample Name: K2204-03MSD Acquired: 4/23/2019 14:55:34 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73477	1.9476	1.3878	1.8064	.15982	154.61	.66898
Stddev	.00749	.0019	.0038	.0076	.00266	.53	.00181
%RSD	1.0195	.09776	.27172	.42026	1.6644	.34427	.27046

#1	.74178	1.9498	1.3865	1.8068	.16192	154.15	.66731
#2	.72688	1.9465	1.3848	1.8138	.16072	155.19	.67090
#3	.73563	1.9465	1.3920	1.7986	.15683	154.49	.66873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20244	.19198	111.22	.57041	.33415	.78980	213.67
Stddev	.00018	.00037	.28	.00206	.00065	.00225	.74
%RSD	.08932	.19324	.24949	.36136	.19495	.28519	.34851

#1	.20265	.19157	111.51	.56803	.33462	.78989	214.21
#2	.20231	.19210	110.95	.57153	.33340	.78751	213.98
#3	.20237	.19228	111.19	.57167	.33441	.79201	212.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8073	53.903	.67086	.05058	7.9529	.73043	1.1085
Stddev	.0118	.075	.00118	.00055	.0269	.00149	.0005
%RSD	.31048	.13830	.17567	1.0811	.33796	.20375	.04201

#1	3.8164	53.820	.67004	.04998	7.9220	.73094	1.1082
#2	3.8114	53.964	.67032	.05071	7.9705	.73160	1.1090
#3	3.7939	53.926	.67221	.05106	7.9663	.72876	1.1082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.057	.33649	.67094	2.9683	3.3994	.66328	2.3125
Stddev	.116	.00038	.01452	.0053	.0325	.00234	.0112
%RSD	.61002	.11389	2.1642	.17939	.95720	.35277	.48446

#1	18.931	.33623	.68686	2.9623	3.3892	.66362	2.3219
#2	19.161	.33693	.65843	2.9725	3.3732	.66079	2.3156
#3	19.079	.33630	.66753	2.9702	3.4358	.66544	2.3001

Sample Name: K2204-03MSD Acquired: 4/23/2019 14:55:34 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34009	F 10.32	.37613	<.00000	F<.00000
Stddev	.00131	.00	.00228	.07387	1.9744
%RSD	.38430	.0371	.60621	36.221	4.1330
#1	.34149	10.32	.37716	-.11967	-48.775
#2	.33890	10.32	.37352	-.23464	-45.498
#3	.33989	10.31	.37772	-.25749	-49.044
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4999.0	61537.	5967.9	69.001	4470.0
Stddev	11.9	219.	57.8	2.641	7.9
%RSD	.23866	.35660	.96909	3.8273	.17601
#1	5009.5	61294.	5902.3	67.453	4478.9
#2	4986.0	61597.	6011.6	72.051	4464.0
#3	5001.6	61721.	5989.8	67.500	4467.1

Sample Name: K2204-03A Acquired: 4/23/2019 15:00:00 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8150 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73780	1.9649	1.4145	1.8118	.15927	156.41	.67482
Stddev	.00080	.0032	.0038	.0036	.00062	.28	.00059
%RSD	.10840	.16329	.26673	.19622	.38857	.17893	.08785

#1	.73705	1.9616	1.4166	1.8079	.15912	156.67	.67447
#2	.73864	1.9651	1.4102	1.8129	.15875	156.11	.67551
#3	.73771	1.9680	1.4169	1.8148	.15996	156.45	.67449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20286	.19293	113.10	.57753	.34596	.81198	216.88
Stddev	.00088	.00026	.06	.00258	.00060	.00515	.19
%RSD	.43375	.13590	.05426	.44606	.17483	.63372	.08922

#1	.20212	.19319	113.12	.57968	.34612	.80683	217.10
#2	.20383	.19292	113.15	.57823	.34529	.81198	216.73
#3	.20263	.19267	113.03	.57467	.34647	.81712	216.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8886	54.793	.67939	.05023	8.2698	.74316	1.1391
Stddev	.0230	.203	.00210	.00055	.0167	.00195	.0009
%RSD	.59224	.37117	.30891	1.0861	.20185	.26172	.08188

#1	3.9034	54.562	.68038	.04960	8.2533	.74498	1.1397
#2	3.8621	54.875	.67698	.05045	8.2866	.74111	1.1397
#3	3.9003	54.943	.68082	.05063	8.2694	.74338	1.1380

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.032	.33844	.65903	3.1606	3.3432	.66720	2.3487
Stddev	.016	.00128	.00546	.0128	.0469	.00161	.0126
%RSD	.08149	.37791	.82872	.40581	1.4028	.24059	.53418

#1	19.049	.33814	.65388	3.1525	3.3928	.66535	2.3502
#2	19.030	.33734	.65847	3.1540	3.2996	.66817	2.3355
#3	19.018	.33984	.66476	3.1754	3.3372	.66808	2.3605

Sample Name: K2204-03A Acquired: 4/23/2019 15:00:00 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8150 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34437	F 10.50	.38034	<.00000	F<.00000
Stddev	.00218	.02	.00192	.13292	1.8810
%RSD	.63207	.2348	.50502	156.26	3.7902

#1	.34541	10.47	.38124	-.20967	-50.615
#2	.34186	10.50	.38165	-.10036	-50.809
#3	.34582	10.52	.37814	.05485	-47.458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5009.7	61978.	6011.3	67.943	4461.6
Stddev	9.6	127.	30.0	1.260	9.4
%RSD	.19188	.20550	.49946	1.8547	.21091

#1	4998.7	61896.	5989.7	66.516	4450.7
#2	5014.2	61913.	5998.6	68.902	4466.3
#3	5016.3	62125.	6045.6	68.411	4467.7

Sample Name: K2413-03 Acquired: 4/23/2019 15:38:58 Type: Unk
Method: P4-ICP2(v3065) 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	.09158	.00148	.61961	.02307	-.00470	47.619	.29162	.00775
Stddev	.00277	.00061	.00686	.00058	.00072	.271	.00242	.00013
%RSD	3.0239	41.220	1.1073	2.5347	15.417	.56916	.83052	1.6869
#1	.08842	.00115	.61169	.02287	-.00517	47.777	.29305	.00769
#2	.09358	.00110	.62329	.02373	-.00506	47.306	.28883	.00765
#3	.09275	.00218	.62384	.02261	-.00386	47.774	.29300	.00790
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01776	527.31	.04697	.08803	.32965	59.927	14.656	109.30
Stddev	.00037	3.15	.00054	.00095	.00320	.324	.080	.56
%RSD	2.0991	.59711	1.1393	1.0768	.96954	.54012	.54288	.51201
#1	.01733	528.23	.04681	.08695	.32596	59.797	14.730	108.67
#2	.01801	529.89	.04653	.08870	.33148	59.689	14.572	109.48
#3	.01794	523.80	.04757	.08844	.33152	60.296	14.667	109.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11025	-.00360	13.336	.21691	4.1211	61.886	-.00081	1.0953
Stddev	.00059	.00046	.042	.00048	.0311	.159	.00021	.0082
%RSD	.53527	12.796	.31263	.21945	.75416	.25683	26.140	.74570
#1	.10958	-.00408	13.382	.21661	4.0853	62.022	-.00086	1.0994
#2	.11047	-.00357	13.300	.21666	4.1372	61.711	-.00057	1.1006
#3	.11070	-.00316	13.327	.21746	4.1409	61.924	-.00099	1.0859
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2059.7	F 13.779	-.77725	.52058	.02602	F 36.66	1.6998	.68325
Stddev	30.6	.113	.01108	.00199	.00180	.27	.0102	.17791
%RSD	1.4855	.81686	1.4254	.38195	6.9240	.7465	.60067	26.038
#1	2029.8	13.833	-.76616	.52227	.02677	36.34	1.7076	.87594
#2	2058.3	13.855	-.77726	.52108	.02731	36.80	1.7036	.64857
#3	2090.9	13.650	-.78832	.51839	.02396	36.83	1.6882	.52523

Sample Name: K2413-03 Acquired: 4/23/2019 15:38:58 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .21414
Stddev .72156
%RSD 336.96

#1 .54976
#2 -.61410
#3 .70676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5129.6	63977.	6493.3	65.307	4116.7
Stddev	20.0	366.	42.7	1.167	15.4
%RSD	.38920	.57162	.65773	1.7871	.37438

#1	5135.7	63619.	6453.1	64.641	4128.4
#2	5145.8	64350.	6488.5	64.626	4122.5
#3	5107.3	63962.	6538.2	66.655	4099.2

Sample Name: K2413-04 Acquired: 4/23/2019 15:43:33 Type: Unk
Method: P4-ICP2(v3065) 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	.10454	.00316	.73177	.02061	-.00688	48.940	.27238	.00855
Stddev	.00322	.00096	.00183	.00309	.00026	.224	.00129	.00009
%RSD	3.0762	30.291	.25050	15.017	3.8016	.45692	.47306	1.0973
#1	.10440	.00320	.73342	.02400	-.00689	49.043	.27220	.00860
#2	.10782	.00409	.72980	.01795	-.00661	49.093	.27374	.00861
#3	.10139	.00218	.73208	.01987	-.00713	48.683	.27118	.00844
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02282	569.89	.04938	.11049	.35672	64.491	15.475	126.48
Stddev	.00014	1.94	.00080	.00004	.00081	.073	.087	.72
%RSD	.59333	.34048	1.6224	.03694	.22711	.11334	.56160	.56945
#1	.02288	567.67	.04984	.11047	.35730	64.541	15.557	126.44
#2	.02266	571.27	.04984	.11053	.35708	64.523	15.483	127.21
#3	.02291	570.72	.04845	.11046	.35580	64.407	15.384	125.77
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13949	-.00481	15.548	.24423	5.0469	65.196	-.00113	1.1814
Stddev	.00020	.00027	.085	.00142	.0100	.507	.00026	.0149
%RSD	.14422	5.6360	.54709	.57938	.19819	.77781	22.701	1.2578
#1	.13964	-.00490	15.524	.24441	5.0381	65.010	-.00101	1.1651
#2	.13958	-.00503	15.643	.24555	5.0450	65.770	-.00096	1.1941
#3	.13927	-.00451	15.478	.24274	5.0578	64.809	-.00142	1.1850
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2181.5	F 14.236	-.82347	.45426	.02821	F 43.57	1.7088	<.00000
Stddev	6.1	.049	.00326	.00316	.00234	.08	.0055	.06990
%RSD	.27861	.34453	.39530	.69550	8.2793	.1735	.31892	12.736
#1	2175.8	14.218	-.82022	.45436	.02568	43.60	1.7040	-.49880
#2	2181.0	14.199	-.82346	.45105	.02868	43.62	1.7147	-.62868
#3	2187.9	14.292	-.82673	.45737	.03028	43.48	1.7076	-.51895

Sample Name: K2413-04 Acquired: 4/23/2019 15:43:33 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.3077
%RSD 1666.6

#1 .95250
#2 -2.7894
#3 1.4215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5493.2	69165.	7174.0	66.730	4036.0
Stddev	15.8	344.	1.8	.803	10.0
%RSD	.28727	.49770	.02459	1.2034	.24701

#1	5507.6	68929.	7174.8	66.706	4047.0
#2	5476.3	69007.	7175.3	67.545	4027.6
#3	5495.6	69560.	7172.0	65.939	4033.5

Sample Name: CCV04 Acquired: 4/23/2019 15:48:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14870 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8311	4.9500	4.8073	4.9220	4.7967	9.8378	10.112	.24740
Stddev	.0141	.0147	.0099	.0092	.0168	.0459	.134	.00030
%RSD	.29105	.29632	.20632	.18612	.34987	.46641	1.3254	.12118
#1	4.8210	4.9516	4.7959	4.9187	4.7799	9.7861	10.191	.24774
#2	4.8251	4.9347	4.8129	4.9149	4.7966	9.8536	9.9576	.24717
#3	4.8471	4.9639	4.8132	4.9323	4.8134	9.8736	10.188	.24730
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4234	24.770	.99348	2.4201	1.2242	4.9842	2.4791	24.843
Stddev	.0057	.065	.00147	.0038	.0045	.0022	.0025	.124
%RSD	.23426	.26418	.14802	.15828	.36450	.04346	.10067	.49988
#1	2.4192	24.777	.99304	2.4160	1.2191	4.9821	2.4763	24.703
#2	2.4210	24.701	.99227	2.4206	1.2261	4.9864	2.4812	24.882
#3	2.4298	24.832	.99512	2.4236	1.2274	4.9841	2.4797	24.942
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4549	1.2270	24.969	2.4967	2.3959	25.514	4.8431	5.1046
Stddev	.0052	.0038	.072	.0007	.0037	.148	.0115	.0308
%RSD	.21269	.31154	.29034	.02838	.15316	.58008	.23670	.60320
#1	2.4490	1.2283	25.006	2.4975	2.3951	25.500	4.8354	5.0844
#2	2.4566	1.2300	24.886	2.4965	2.3928	25.374	4.8376	5.0894
#3	2.4591	1.2227	25.016	2.4962	2.4000	25.669	4.8563	5.1400
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.7111	4.7596	4.8655	4.8822	4.7275	5.020	4.9350	F 3.3199
Stddev	.0592	.0044	.0063	.0167	.0102	.015	.0182	.1399
%RSD	1.0362	.09174	.13012	.34266	.21533	.3016	.36965	4.2150
#1	5.7780	4.7637	4.8601	4.8927	4.7356	5.018	4.9560	3.4780
#2	5.6894	4.7602	4.8639	4.8629	4.7308	5.006	4.9258	3.2121
#3	5.6658	4.7550	4.8725	4.8911	4.7161	5.036	4.9232	3.2696

Sample Name: CCV04 Acquired: 4/23/2019 15:48:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14870 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4061
Stddev	1.1865
%RSD	34.835

#1	4.7674
#2	2.8601
#3	2.5909

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.2	57969.	5723.0	72.657	4682.2
Stddev	7.2	154.	20.1	.508	7.8
%RSD	.15088	.26573	.35207	.69891	.16629

#1	4748.6	57934.	5702.7	72.380	4685.5
#2	4750.1	58137.	5743.0	72.348	4687.8
#3	4737.0	57836.	5723.3	73.243	4673.3

Sample Name: CCB04 Acquired: 4/23/2019 15:52:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14870 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00044	.00133	.00006	.00018	-.00390	.00083	.00005
Stddev	.00043	.00033	.00029	.00116	.00088	.00269	.00036	.00007
%RSD	318.56	74.613	21.758	2073.1	479.49	68.829	43.043	126.74
#1	-.00063	.00060	.00161	-.00113	-.00005	-.00638	.00103	-.00001
#2	.00014	.00006	.00103	.00119	-.00056	-.00105	.00105	.00005
#3	.00008	.00066	.00133	.00011	.00115	-.00427	.00042	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00124	-.00010	.00010	-.00027	.00046	.00002	-.04771
Stddev	.00003	.01280	.00014	.00011	.00014	.00074	.00005	.02759
%RSD	216.69	1033.6	130.15	108.16	52.316	160.29	221.31	57.834
#1	-.00002	.00381	-.00015	-.00001	-.00023	.00117	.00006	-.03664
#2	.00002	-.01580	.00005	.00011	-.00043	-.00030	-.00003	-.02738
#3	.00004	.00827	-.00021	.00021	-.00016	.00051	.00003	-.07912
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00019	.00886	.00051	.00056	.09622	.00063	.00184
Stddev	.00023	.00019	.00383	.00017	.00013	.02921	.00015	.02012
%RSD	140.33	100.46	43.267	33.900	23.268	30.357	23.159	1092.8
#1	.00042	.00029	.00569	.00060	.00063	.07005	.00073	.02250
#2	.00008	.00031	.01313	.00031	.00065	.09088	.00070	-.01770
#3	-.00002	-.00003	.00777	.00062	.00041	.12773	.00047	.00073
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .38671	-.00211	.00149	.00097	-.00203	.0017	.00007	F 1.8901
Stddev	.01378	.00143	.00064	.00072	.00103	.0016	.00011	.0826
%RSD	3.5641	68.093	42.632	73.763	50.824	94.66	166.14	4.3714
#1	.39961	-.00263	.00165	.00107	-.00196	.0026	.00013	1.8420
#2	.38834	-.00048	.00203	.00021	-.00309	.0027	-.00006	1.9855
#3	.37219	-.00320	.00079	.00164	-.00103	-.0002	.00014	1.8428

Sample Name: CCB04 Acquired: 4/23/2019 15:52:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14870 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3859
Stddev	.8386
%RSD	35.149

#1	2.9989
#2	2.7287
#3	1.4302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5012.5	61171.	5819.7	75.635	5387.7
Stddev	7.4	58.	51.3	1.522	7.5
%RSD	.14836	.09450	.88074	2.0128	.13894

#1	5014.7	61162.	5782.1	76.970	5382.3
#2	5018.6	61119.	5799.0	75.957	5396.2
#3	5004.3	61233.	5878.1	73.977	5384.5

Sample Name: K2204-03 Acquired: 4/23/2019 14:37:53 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04807	.01021	.39413	.04254	.00713	126.09	.46858
Stddev	.00437	.00081	.00320	.00287	.00116	.65	.00183
%RSD	9.1015	7.9153	.81184	6.7556	16.339	.51825	.39132

#1	.04322	.01052	.39767	.04511	.00725	125.59	.46837
#2	.04924	.00929	.39328	.04308	.00591	125.84	.46686
#3	.05173	.01082	.39144	.03944	.00823	126.83	.47051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01287	-.00360	111.00	.15175	.09970	.49503	202.32
Stddev	.00015	.00011	.40	.00058	.00037	.00056	.46
%RSD	1.1961	3.1762	.35699	.38301	.36875	.11366	.22544

#1	.01293	-.00362	111.43	.15197	.09947	.49542	202.28
#2	.01298	-.00348	110.91	.15219	.10012	.49529	201.89
#3	.01269	-.00370	110.66	.15109	.09951	.49438	202.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6033	45.697	.14851	-.01685	2.9945	.44346	.83155
Stddev	.0020	.067	.00022	.00022	.0130	.00127	.00193
%RSD	.05487	.14569	.14774	1.2773	.43237	.28665	.23163

#1	3.6011	45.719	.14842	-.01669	2.9862	.44282	.83315
#2	3.6038	45.622	.14875	-.01710	2.9879	.44492	.83209
#3	3.6049	45.749	.14834	-.01677	3.0094	.44264	.82941

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9273	.00190	.58695	3.0108	2.8527	.01225	2.0671
Stddev	.0544	.00015	.00854	.0105	.0301	.00027	.0031
%RSD	.68667	8.0344	1.4547	.34943	1.0556	2.1780	.14912

#1	7.8821	.00176	.58680	3.0038	2.8180	.01200	2.0641
#2	7.9121	.00188	.57848	3.0229	2.8721	.01223	2.0671
#3	7.9877	.00207	.59555	3.0058	2.8680	.01253	2.0702

Sample Name: K2204-03 Acquired: 4/23/2019 14:37:53 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13030	4.579	.26053	.57597	F<.00000
Stddev	.00120	.007	.00138	.04438	3.6943
%RSD	.92364	.1551	.52780	7.7054	9.3383

#1	.12894	4.575	.26182	.62651	-35.700
#2	.13073	4.587	.26069	.54335	-39.918
#3	.13123	4.574	.25908	.55805	-43.062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5043.9	62432.	6141.3	69.924	4541.0
Stddev	11.8	115.	21.4	1.592	10.7
%RSD	.23463	.18359	.34789	2.2771	.23611

#1	5043.1	62508.	6126.6	70.507	4537.2
#2	5032.5	62489.	6131.4	68.123	4532.8
#3	5056.1	62300.	6165.8	71.143	4553.2

Sample Name: K2204-03DUP Acquired: 4/23/2019 14:42:17 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05164	.01020	.39629	.04206	.00663	128.29	.46516
Stddev	.00233	.00089	.00221	.00502	.00138	.67	.00190
%RSD	4.5198	8.6906	.55717	11.934	20.783	.52190	.40783

#1	.05318	.00930	.39755	.03627	.00634	128.01	.46470
#2	.05279	.01107	.39374	.04470	.00542	127.81	.46354
#3	.04895	.01024	.39759	.04520	.00813	129.06	.46725

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01330	-.00366	112.71	.15588	.10219	.52063	207.65
Stddev	.00019	.00015	.20	.00118	.00043	.00086	.48
%RSD	1.4322	3.9997	.18079	.75810	.41969	.16433	.23240

#1	.01308	-.00363	112.93	.15451	.10223	.52162	207.13
#2	.01341	-.00383	112.53	.15659	.10174	.52008	208.09
#3	.01341	-.00354	112.68	.15653	.10259	.52020	207.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6316	47.003	.15256	-.01755	2.8977	.47217	.83913
Stddev	.0175	.254	.00064	.00020	.0187	.00245	.00027
%RSD	.48162	.53940	.42275	1.1276	.64412	.51914	.03221

#1	3.6414	46.944	.15187	-.01736	2.8861	.47006	.83926
#2	3.6114	46.785	.15268	-.01753	2.8878	.47160	.83931
#3	3.6419	47.281	.15314	-.01776	2.9193	.47486	.83882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7559	.00179	.56713	2.9172	2.9484	.01283	2.1151
Stddev	.0650	.00016	.00366	.0055	.0240	.00121	.0051
%RSD	.83876	8.7090	.64574	.18768	.81391	9.4640	.23927

#1	7.7348	.00192	.56294	2.9112	2.9577	.01295	2.1174
#2	7.7041	.00183	.56971	2.9183	2.9664	.01156	2.1093
#3	7.8289	.00161	.56875	2.9220	2.9211	.01397	2.1186

Sample Name: K2204-03DUP Acquired: 4/23/2019 14:42:17 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13368	4.742	.27635	<.00000	F<.00000
Stddev	.00148	.011	.00134	.28701	.92727
%RSD	1.1059	.2265	.48542	76.636	2.3298

#1	.13346	4.753	.27784	-.12728	-40.740
#2	.13525	4.742	.27597	-.68927	-38.886
#3	.13232	4.731	.27523	-.30700	-39.777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5045.4	62118.	6102.7	69.393	4528.8
Stddev	6.5	156.	34.8	.821	3.3
%RSD	.12932	.25085	.56974	1.1830	.07247

#1	5041.7	62059.	6070.7	68.467	4531.9
#2	5041.5	62294.	6097.8	70.033	4529.0
#3	5052.9	62000.	6139.7	69.678	4525.4

Sample Name: K2204-03LX5 Acquired: 4/23/2019 14:46:43 Type: Unk
Method: P4-ICP2(v3065) 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	.01289	.00320	.08561	.01397	.00193	27.590	.10091
Stddev	.00079	.00033	.00066	.00081	.00061	.147	.00059
%RSD	6.1548	10.232	.76576	5.7896	31.857	.53156	.58863

#1	.01310	.00350	.08636	.01457	.00190	27.690	.10129
#2	.01202	.00285	.08522	.01428	.00256	27.422	.10023
#3	.01356	.00324	.08524	.01305	.00133	27.659	.10122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	-.00211	25.478	.03395	.02087	.11677	51.875
Stddev	.00013	.00006	.168	.00084	.00005	.00054	.133
%RSD	4.5231	2.8590	.65833	2.4645	.26087	.46361	.25598

#1	.00283	-.00218	25.597	.03444	.02088	.11623	51.836
#2	.00285	-.00209	25.550	.03298	.02082	.11675	51.766
#3	.00307	-.00206	25.286	.03442	.02093	.11731	52.023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82204	10.260	.03040	-.00308	.74274	.10115	.16447
Stddev	.00176	.058	.00013	.00019	.02293	.00093	.00040
%RSD	.21397	.56436	.41782	6.1461	3.0872	.92036	.24613

#1	.82407	10.307	.03025	-.00304	.72115	.10093	.16400
#2	.82100	10.196	.03048	-.00291	.74027	.10035	.16466
#3	.82104	10.278	.03046	-.00328	.76681	.10217	.16474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7473	.00022	.13041	.57003	.65611	.00282	.47014
Stddev	.0224	.00015	.00432	.00471	.01517	.00062	.00454
%RSD	1.2839	67.909	3.3144	.82681	2.3125	21.911	.96609

#1	1.7476	.00038	.13171	.56467	.65197	.00217	.47390
#2	1.7248	.00018	.12559	.57188	.67293	.00340	.47143
#3	1.7696	.00010	.13394	.57353	.64344	.00289	.46509

Sample Name: K2204-03LX5 Acquired: 4/23/2019 14:46:43 Type: Unk
Method: P4-ICP2(v3065) 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	.03135	.9234	.05522	1.3337	F<.00000
Stddev	.00188	.0025	.00026	.3321	1.0455
%RSD	5.9850	.2758	.46896	24.900	28.386

#1	.03287	.9231	.05507	1.6799	-4.8833
#2	.02925	.9261	.05552	1.3034	-2.9708
#3	.03193	.9211	.05508	1.0178	-3.1951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4924.1	60218.	5706.5	69.820	4959.4
Stddev	12.7	298.	43.2	1.366	4.8
%RSD	.25852	.49545	.75685	1.9566	.09585

#1	4910.9	60011.	5675.5	68.505	4955.0
#2	4925.1	60560.	5688.1	69.725	4958.6
#3	4936.4	60083.	5755.8	71.232	4964.5

Sample Name: K2204-03MS Acquired: 4/23/2019 14:51:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73828	1.9720	1.4203	1.8156	.15882	157.94	.67875
Stddev	.00167	.0164	.0008	.0055	.00243	.97	.00452
%RSD	.22583	.83128	.05279	.30320	1.5272	.61402	.66553

#1	.73702	1.9552	1.4198	1.8150	.15896	157.55	.67940
#2	.74017	1.9879	1.4212	1.8213	.16117	159.04	.68290
#3	.73764	1.9729	1.4200	1.8103	.15633	157.23	.67393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20330	.19436	114.63	.58634	.35065	.81969	218.11
Stddev	.00034	.00043	.56	.00192	.00126	.00136	1.69
%RSD	.16639	.22065	.48520	.32782	.35884	.16542	.77613

#1	.20307	.19485	115.18	.58663	.35053	.82125	217.56
#2	.20369	.19420	114.07	.58811	.35197	.81898	220.01
#3	.20314	.19404	114.64	.58429	.34946	.81883	216.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9461	55.238	.68267	.04929	8.4518	.74969	1.1556
Stddev	.0182	.210	.00228	.00070	.0476	.00238	.0013
%RSD	.46231	.37951	.33470	1.4261	.56382	.31786	.11027

#1	3.9298	55.352	.68069	.04992	8.4629	.74758	1.1569
#2	3.9658	55.365	.68517	.04944	8.4929	.75228	1.1544
#3	3.9427	54.996	.68214	.04853	8.3996	.74923	1.1554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.049	.33945	.65610	3.2603	3.5519	.66822	2.3812
Stddev	.098	.00140	.01087	.0307	.0429	.00449	.0076
%RSD	.51472	.41203	1.6567	.94144	1.2085	.67119	.32133

#1	19.051	.33872	.65954	3.2338	3.6004	.66607	2.3773
#2	19.147	.34106	.66484	3.2939	3.5364	.67337	2.3900
#3	18.951	.33856	.64393	3.2530	3.5189	.66521	2.3763

Sample Name: K2204-03MS Acquired: 4/23/2019 14:51:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34687	F 10.61	.38672	<.00000	F<.00000
Stddev	.00222	.08	.00397	.14627	3.1476
%RSD	.64098	.7953	1.0264	99.323	6.4930
#1	.34447	10.55	.39078	.01727	-51.489
#2	.34728	10.70	.38285	-.19651	-48.735
#3	.34886	10.57	.38655	-.26256	-45.209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5001.3	61669.	5966.7	67.383	4451.9
Stddev	5.8	324.	32.3	2.107	5.5
%RSD	.11658	.52537	.54077	3.1268	.12420
#1	4997.9	61584.	5929.5	64.955	4453.9
#2	5008.0	61396.	5987.7	68.737	4456.1
#3	4997.9	62027.	5982.8	68.456	4445.6

Sample Name: K2204-03MSD Acquired: 4/23/2019 14:55:34 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73477	1.9476	1.3878	1.8064	.15982	154.61	.66898
Stddev	.00749	.0019	.0038	.0076	.00266	.53	.00181
%RSD	1.0195	.09776	.27172	.42026	1.6644	.34427	.27046

#1	.74178	1.9498	1.3865	1.8068	.16192	154.15	.66731
#2	.72688	1.9465	1.3848	1.8138	.16072	155.19	.67090
#3	.73563	1.9465	1.3920	1.7986	.15683	154.49	.66873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20244	.19198	111.22	.57041	.33415	.78980	213.67
Stddev	.00018	.00037	.28	.00206	.00065	.00225	.74
%RSD	.08932	.19324	.24949	.36136	.19495	.28519	.34851

#1	.20265	.19157	111.51	.56803	.33462	.78989	214.21
#2	.20231	.19210	110.95	.57153	.33340	.78751	213.98
#3	.20237	.19228	111.19	.57167	.33441	.79201	212.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8073	53.903	.67086	.05058	7.9529	.73043	1.1085
Stddev	.0118	.075	.00118	.00055	.0269	.00149	.0005
%RSD	.31048	.13830	.17567	1.0811	.33796	.20375	.04201

#1	3.8164	53.820	.67004	.04998	7.9220	.73094	1.1082
#2	3.8114	53.964	.67032	.05071	7.9705	.73160	1.1090
#3	3.7939	53.926	.67221	.05106	7.9663	.72876	1.1082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.057	.33649	.67094	2.9683	3.3994	.66328	2.3125
Stddev	.116	.00038	.01452	.0053	.0325	.00234	.0112
%RSD	.61002	.11389	2.1642	.17939	.95720	.35277	.48446

#1	18.931	.33623	.68686	2.9623	3.3892	.66362	2.3219
#2	19.161	.33693	.65843	2.9725	3.3732	.66079	2.3156
#3	19.079	.33630	.66753	2.9702	3.4358	.66544	2.3001

Sample Name: K2204-03MSD Acquired: 4/23/2019 14:55:34 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34009	F 10.32	.37613	<.00000	F<.00000
Stddev	.00131	.00	.00228	.07387	1.9744
%RSD	.38430	.0371	.60621	36.221	4.1330
#1	.34149	10.32	.37716	-.11967	-48.775
#2	.33890	10.32	.37352	-.23464	-45.498
#3	.33989	10.31	.37772	-.25749	-49.044
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4999.0	61537.	5967.9	69.001	4470.0
Stddev	11.9	219.	57.8	2.641	7.9
%RSD	.23866	.35660	.96909	3.8273	.17601
#1	5009.5	61294.	5902.3	67.453	4478.9
#2	4986.0	61597.	6011.6	72.051	4464.0
#3	5001.6	61721.	5989.8	67.500	4467.1

Sample Name: K2204-03A Acquired: 4/23/2019 15:00:00 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8150 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73780	1.9649	1.4145	1.8118	.15927	156.41	.67482
Stddev	.00080	.0032	.0038	.0036	.00062	.28	.00059
%RSD	.10840	.16329	.26673	.19622	.38857	.17893	.08785

#1	.73705	1.9616	1.4166	1.8079	.15912	156.67	.67447
#2	.73864	1.9651	1.4102	1.8129	.15875	156.11	.67551
#3	.73771	1.9680	1.4169	1.8148	.15996	156.45	.67449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20286	.19293	113.10	.57753	.34596	.81198	216.88
Stddev	.00088	.00026	.06	.00258	.00060	.00515	.19
%RSD	.43375	.13590	.05426	.44606	.17483	.63372	.08922

#1	.20212	.19319	113.12	.57968	.34612	.80683	217.10
#2	.20383	.19292	113.15	.57823	.34529	.81198	216.73
#3	.20263	.19267	113.03	.57467	.34647	.81712	216.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8886	54.793	.67939	.05023	8.2698	.74316	1.1391
Stddev	.0230	.203	.00210	.00055	.0167	.00195	.0009
%RSD	.59224	.37117	.30891	1.0861	.20185	.26172	.08188

#1	3.9034	54.562	.68038	.04960	8.2533	.74498	1.1397
#2	3.8621	54.875	.67698	.05045	8.2866	.74111	1.1397
#3	3.9003	54.943	.68082	.05063	8.2694	.74338	1.1380

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.032	.33844	.65903	3.1606	3.3432	.66720	2.3487
Stddev	.016	.00128	.00546	.0128	.0469	.00161	.0126
%RSD	.08149	.37791	.82872	.40581	1.4028	.24059	.53418

#1	19.049	.33814	.65388	3.1525	3.3928	.66535	2.3502
#2	19.030	.33734	.65847	3.1540	3.2996	.66817	2.3355
#3	19.018	.33984	.66476	3.1754	3.3372	.66808	2.3605

Sample Name: K2204-03A Acquired: 4/23/2019 15:00:00 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8150 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34437	F 10.50	.38034	<.00000	F<.00000
Stddev	.00218	.02	.00192	.13292	1.8810
%RSD	.63207	.2348	.50502	156.26	3.7902

#1	.34541	10.47	.38124	-.20967	-50.615
#2	.34186	10.50	.38165	-.10036	-50.809
#3	.34582	10.52	.37814	.05485	-47.458

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5009.7	61978.	6011.3	67.943	4461.6
Stddev	9.6	127.	30.0	1.260	9.4
%RSD	.19188	.20550	.49946	1.8547	.21091

#1	4998.7	61896.	5989.7	66.516	4450.7
#2	5014.2	61913.	5998.6	68.902	4466.3
#3	5016.3	62125.	6045.6	68.411	4467.7

Sample Name: K2413-03 Acquired: 4/23/2019 15:38:58 Type: Unk
Method: P4-ICP2(v3065) 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	.09158	.00148	.61961	.02307	-.00470	47.619	.29162	.00775
Stddev	.00277	.00061	.00686	.00058	.00072	.271	.00242	.00013
%RSD	3.0239	41.220	1.1073	2.5347	15.417	.56916	.83052	1.6869
#1	.08842	.00115	.61169	.02287	-.00517	47.777	.29305	.00769
#2	.09358	.00110	.62329	.02373	-.00506	47.306	.28883	.00765
#3	.09275	.00218	.62384	.02261	-.00386	47.774	.29300	.00790
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01776	527.31	.04697	.08803	.32965	59.927	14.656	109.30
Stddev	.00037	3.15	.00054	.00095	.00320	.324	.080	.56
%RSD	2.0991	.59711	1.1393	1.0768	.96954	.54012	.54288	.51201
#1	.01733	528.23	.04681	.08695	.32596	59.797	14.730	108.67
#2	.01801	529.89	.04653	.08870	.33148	59.689	14.572	109.48
#3	.01794	523.80	.04757	.08844	.33152	60.296	14.667	109.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11025	-.00360	13.336	.21691	4.1211	61.886	-.00081	1.0953
Stddev	.00059	.00046	.042	.00048	.0311	.159	.00021	.0082
%RSD	.53527	12.796	.31263	.21945	.75416	.25683	26.140	.74570
#1	.10958	-.00408	13.382	.21661	4.0853	62.022	-.00086	1.0994
#2	.11047	-.00357	13.300	.21666	4.1372	61.711	-.00057	1.1006
#3	.11070	-.00316	13.327	.21746	4.1409	61.924	-.00099	1.0859
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2059.7	F 13.779	-.77725	.52058	.02602	F 36.66	1.6998	.68325
Stddev	30.6	.113	.01108	.00199	.00180	.27	.0102	.17791
%RSD	1.4855	.81686	1.4254	.38195	6.9240	.7465	.60067	26.038
#1	2029.8	13.833	-.76616	.52227	.02677	36.34	1.7076	.87594
#2	2058.3	13.855	-.77726	.52108	.02731	36.80	1.7036	.64857
#3	2090.9	13.650	-.78832	.51839	.02396	36.83	1.6882	.52523

Sample Name: K2413-03 Acquired: 4/23/2019 15:38:58 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.21414
Stddev	.72156
%RSD	336.96

#1	.54976
#2	-.61410
#3	.70676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5129.6	63977.	6493.3	65.307	4116.7
Stddev	20.0	366.	42.7	1.167	15.4
%RSD	.38920	.57162	.65773	1.7871	.37438

#1	5135.7	63619.	6453.1	64.641	4128.4
#2	5145.8	64350.	6488.5	64.626	4122.5
#3	5107.3	63962.	6538.2	66.655	4099.2

Sample Name: K2413-04 Acquired: 4/23/2019 15:43:33 Type: Unk
Method: P4-ICP2(v3065) 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	.10454	.00316	.73177	.02061	-.00688	48.940	.27238	.00855
Stddev	.00322	.00096	.00183	.00309	.00026	.224	.00129	.00009
%RSD	3.0762	30.291	.25050	15.017	3.8016	.45692	.47306	1.0973

#1	.10440	.00320	.73342	.02400	-.00689	49.043	.27220	.00860
#2	.10782	.00409	.72980	.01795	-.00661	49.093	.27374	.00861
#3	.10139	.00218	.73208	.01987	-.00713	48.683	.27118	.00844

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02282	569.89	.04938	.11049	.35672	64.491	15.475	126.48
Stddev	.00014	1.94	.00080	.00004	.00081	.073	.087	.72
%RSD	.59333	.34048	1.6224	.03694	.22711	.11334	.56160	.56945

#1	.02288	567.67	.04984	.11047	.35730	64.541	15.557	126.44
#2	.02266	571.27	.04984	.11053	.35708	64.523	15.483	127.21
#3	.02291	570.72	.04845	.11046	.35580	64.407	15.384	125.77

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13949	-.00481	15.548	.24423	5.0469	65.196	-.00113	1.1814
Stddev	.00020	.00027	.085	.00142	.0100	.507	.00026	.0149
%RSD	.14422	5.6360	.54709	.57938	.19819	.77781	22.701	1.2578

#1	.13964	-.00490	15.524	.24441	5.0381	65.010	-.00101	1.1651
#2	.13958	-.00503	15.643	.24555	5.0450	65.770	-.00096	1.1941
#3	.13927	-.00451	15.478	.24274	5.0578	64.809	-.00142	1.1850

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2181.5	F 14.236	-.82347	.45426	.02821	F 43.57	1.7088	<.00000
Stddev	6.1	.049	.00326	.00316	.00234	.08	.0055	.06990
%RSD	.27861	.34453	.39530	.69550	8.2793	.1735	.31892	12.736

#1	2175.8	14.218	-.82022	.45436	.02568	43.60	1.7040	-.49880
#2	2181.0	14.199	-.82346	.45105	.02868	43.62	1.7147	-.62868
#3	2187.9	14.292	-.82673	.45737	.03028	43.48	1.7076	-.51895

Sample Name: K2413-04 Acquired: 4/23/2019 15:43:33 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.3077
%RSD 1666.6

#1 .95250
#2 -2.7894
#3 1.4215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5493.2	69165.	7174.0	66.730	4036.0
Stddev	15.8	344.	1.8	.803	10.0
%RSD	.28727	.49770	.02459	1.2034	.24701

#1	5507.6	68929.	7174.8	66.706	4047.0
#2	5476.3	69007.	7175.3	67.545	4027.6
#3	5495.6	69560.	7172.0	65.939	4033.5

Sample Name: CCV04 Acquired: 4/23/2019 15:48:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14870 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8311	4.9500	4.8073	4.9220	4.7967	9.8378	10.112	.24740
Stddev	.0141	.0147	.0099	.0092	.0168	.0459	.134	.00030
%RSD	.29105	.29632	.20632	.18612	.34987	.46641	1.3254	.12118
#1	4.8210	4.9516	4.7959	4.9187	4.7799	9.7861	10.191	.24774
#2	4.8251	4.9347	4.8129	4.9149	4.7966	9.8536	9.9576	.24717
#3	4.8471	4.9639	4.8132	4.9323	4.8134	9.8736	10.188	.24730
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4234	24.770	.99348	2.4201	1.2242	4.9842	2.4791	24.843
Stddev	.0057	.065	.00147	.0038	.0045	.0022	.0025	.124
%RSD	.23426	.26418	.14802	.15828	.36450	.04346	.10067	.49988
#1	2.4192	24.777	.99304	2.4160	1.2191	4.9821	2.4763	24.703
#2	2.4210	24.701	.99227	2.4206	1.2261	4.9864	2.4812	24.882
#3	2.4298	24.832	.99512	2.4236	1.2274	4.9841	2.4797	24.942
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4549	1.2270	24.969	2.4967	2.3959	25.514	4.8431	5.1046
Stddev	.0052	.0038	.072	.0007	.0037	.148	.0115	.0308
%RSD	.21269	.31154	.29034	.02838	.15316	.58008	.23670	.60320
#1	2.4490	1.2283	25.006	2.4975	2.3951	25.500	4.8354	5.0844
#2	2.4566	1.2300	24.886	2.4965	2.3928	25.374	4.8376	5.0894
#3	2.4591	1.2227	25.016	2.4962	2.4000	25.669	4.8563	5.1400
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.7111	4.7596	4.8655	4.8822	4.7275	5.020	4.9350	F 3.3199
Stddev	.0592	.0044	.0063	.0167	.0102	.015	.0182	.1399
%RSD	1.0362	.09174	.13012	.34266	.21533	.3016	.36965	4.2150
#1	5.7780	4.7637	4.8601	4.8927	4.7356	5.018	4.9560	3.4780
#2	5.6894	4.7602	4.8639	4.8629	4.7308	5.006	4.9258	3.2121
#3	5.6658	4.7550	4.8725	4.8911	4.7161	5.036	4.9232	3.2696

Sample Name: CCV04 Acquired: 4/23/2019 15:48:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14870 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4061
Stddev	1.1865
%RSD	34.835

#1	4.7674
#2	2.8601
#3	2.5909

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.2	57969.	5723.0	72.657	4682.2
Stddev	7.2	154.	20.1	.508	7.8
%RSD	.15088	.26573	.35207	.69891	.16629

#1	4748.6	57934.	5702.7	72.380	4685.5
#2	4750.1	58137.	5743.0	72.348	4687.8
#3	4737.0	57836.	5723.3	73.243	4673.3

Sample Name: CCB04 Acquired: 4/23/2019 15:52:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14870 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00044	.00133	.00006	.00018	-.00390	.00083	.00005
Stddev	.00043	.00033	.00029	.00116	.00088	.00269	.00036	.00007
%RSD	318.56	74.613	21.758	2073.1	479.49	68.829	43.043	126.74
#1	-.00063	.00060	.00161	-.00113	-.00005	-.00638	.00103	-.00001
#2	.00014	.00006	.00103	.00119	-.00056	-.00105	.00105	.00005
#3	.00008	.00066	.00133	.00011	.00115	-.00427	.00042	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00124	-.00010	.00010	-.00027	.00046	.00002	-.04771
Stddev	.00003	.01280	.00014	.00011	.00014	.00074	.00005	.02759
%RSD	216.69	1033.6	130.15	108.16	52.316	160.29	221.31	57.834
#1	-.00002	.00381	-.00015	-.00001	-.00023	.00117	.00006	-.03664
#2	.00002	-.01580	.00005	.00011	-.00043	-.00030	-.00003	-.02738
#3	.00004	.00827	-.00021	.00021	-.00016	.00051	.00003	-.07912
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00019	.00886	.00051	.00056	.09622	.00063	.00184
Stddev	.00023	.00019	.00383	.00017	.00013	.02921	.00015	.02012
%RSD	140.33	100.46	43.267	33.900	23.268	30.357	23.159	1092.8
#1	.00042	.00029	.00569	.00060	.00063	.07005	.00073	.02250
#2	.00008	.00031	.01313	.00031	.00065	.09088	.00070	-.01770
#3	-.00002	-.00003	.00777	.00062	.00041	.12773	.00047	.00073
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .38671	-.00211	.00149	.00097	-.00203	.0017	.00007	F 1.8901
Stddev	.01378	.00143	.00064	.00072	.00103	.0016	.00011	.0826
%RSD	3.5641	68.093	42.632	73.763	50.824	94.66	166.14	4.3714
#1	.39961	-.00263	.00165	.00107	-.00196	.0026	.00013	1.8420
#2	.38834	-.00048	.00203	.00021	-.00309	.0027	-.00006	1.9855
#3	.37219	-.00320	.00079	.00164	-.00103	-.0002	.00014	1.8428

Sample Name: CCB04 Acquired: 4/23/2019 15:52:08 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14870 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3859
Stddev .8386
%RSD 35.149

#1 2.9989
#2 2.7287
#3 1.4302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5012.5	61171.	5819.7	75.635	5387.7
Stddev	7.4	58.	51.3	1.522	7.5
%RSD	.14836	.09450	.88074	2.0128	.13894

#1	5014.7	61162.	5782.1	76.970	5382.3
#2	5018.6	61119.	5799.0	75.957	5396.2
#3	5004.3	61233.	5878.1	73.977	5384.5

Sample Name: PB119140BL Acquired: 4/23/2019 15:56:36 Type: Unk
Method: P4-ICP2(v3065) 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	-.00150	.00076	.00146	.00289	.00084	-.00279	.00122	.00006
Stddev	.00141	.00047	.00023	.00162	.00078	.00410	.00023	.00005
%RSD	94.446	61.943	15.540	56.049	92.968	146.81	18.468	86.670
#1	-.00124	.00073	.00171	.00225	.00172	-.00367	.00100	.00012
#2	-.00023	.00124	.00127	.00473	.00054	-.00638	.00121	.00002
#3	-.00302	.00030	.00139	.00169	.00025	.00168	.00145	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00459	-.00020	.00027	-.00050	.00086	-.00003	-.03168
Stddev	.00005	.01168	.00050	.00025	.00018	.00066	.00001	.01264
%RSD	464.28	254.46	257.74	94.430	35.841	76.804	54.546	39.906
#1	.00002	.00325	-.00058	.00055	-.00046	.00123	-.00002	-.04136
#2	.00001	.01688	-.00038	.00013	-.00034	.00126	-.00004	-.01738
#3	-.00007	-.00636	.00038	.00012	-.00069	.00010	-.00001	-.03631
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00012	-.00403	.00004	.00036	.01441	-.00004	.00048
Stddev	.00013	.00024	.01180	.00040	.00009	.05034	.00033	.01518
%RSD	56.750	197.12	292.73	996.77	24.565	349.44	809.67	3168.0
#1	.00010	-.00022	-.01742	-.00041	.00047	.05447	-.00019	-.01704
#2	.00021	.00015	.00053	.00020	.00031	-.04210	.00034	.00869
#3	.00036	-.00030	.00481	.00033	.00032	.03085	-.00027	.00979
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .28429	-.00268	.00043	.00041	.00070	.0013	.00007	F 1.9938
Stddev	.00443	.00115	.00038	.00105	.00031	.0007	.00007	.0988
%RSD	1.5579	43.043	88.711	253.98	43.913	54.45	107.77	4.9557
#1	.28937	-.00393	.00009	-.00039	.00104	.0021	.00011	2.1046
#2	.28220	-.00243	.00084	.00160	.00061	.0007	.00010	1.9623
#3	.28129	-.00167	.00035	.00003	.00045	.0012	-.00002	1.9147

Sample Name: PB119140BL Acquired: 4/23/2019 15:56:36 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .49038
Stddev .65575
%RSD 133.72

#1 1.2476
#2 .11432
#3 .10925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4947.9	60523.	5737.2	73.205	5304.5
Stddev	7.2	169.	27.0	1.341	3.4
%RSD	.14476	.27980	.47130	1.8315	.06501

#1	4945.9	60458.	5725.3	72.230	5304.0
#2	4942.0	60396.	5768.2	74.734	5301.4
#3	4955.9	60715.	5718.2	72.652	5308.2

Sample Name: PB119140BS Acquired: 4/23/2019 16:01:05 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74422	1.9841	.95606	1.9263	.74469	1.9383	.20797
Stddev	.00541	.0043	.00286	.0033	.00252	.0324	.00136
%RSD	.72733	.21613	.29881	.17121	.33904	1.6724	.65548

#1	.74144	1.9818	.95277	1.9234	.74181	1.9549	.20664
#2	.75046	1.9891	.95754	1.9299	.74656	1.9009	.20789
#3	.74077	1.9815	.95787	1.9257	.74568	1.9590	.20936

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19132	.18726	1.0817	.42111	.19860	.31413	3.1656
Stddev	.00013	.00021	.0079	.00108	.00069	.00033	.0014
%RSD	.06955	.11101	.73104	.25629	.34945	.10502	.04254

#1	.19119	.18702	1.0864	.42040	.19877	.31387	3.1642
#2	.19145	.18740	1.0860	.42057	.19919	.31401	3.1669
#3	.19131	.18735	1.0725	.42235	.19784	.31450	3.1658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21043	1.9716	.50027	.07070	3.0709	.31762	.18492
Stddev	.00026	.0140	.00222	.00030	.0353	.00032	.00061
%RSD	.12278	.71204	.44316	.42704	1.1489	.10193	.32851

#1	.21019	1.9751	.49924	.07044	3.0524	.31793	.18436
#2	.21040	1.9835	.50281	.07103	3.0488	.31729	.18557
#3	.21070	1.9561	.49875	.07063	3.1116	.31765	.18483

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.304	.40530	.30040	F .18248	.90309	.66596	.20265
Stddev	.064	.00123	.00160	.00494	.00735	.00289	.00219
%RSD	.62127	.30362	.53362	2.7073	.81422	.43356	1.0784

#1	10.243	.40453	.30218	.18765	.91030	.66269	.20299
#2	10.299	.40672	.29908	.18198	.90337	.66816	.20031
#3	10.370	.40466	.29993	.17781	.89560	.66703	.20464

Sample Name: PB119140BS Acquired: 4/23/2019 16:01:05 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19871	5.356	.20502	F 2.0475	F<.00000
Stddev	.00246	.019	.00047	.1909	.98051
%RSD	1.2394	.3627	.22725	9.3237	21.314

#1	.19626	5.346	.20553	1.8587	-4.9009
#2	.20119	5.378	.20494	2.2404	-3.5047
#3	.19870	5.343	.20461	2.0433	-5.3954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4952.6	61275.	5703.5	72.998	5233.8
Stddev	7.0	163.	40.6	1.590	7.7
%RSD	.14191	.26627	.71102	2.1775	.14663

#1	4952.2	61122.	5668.9	74.255	5234.3
#2	4945.7	61447.	5693.5	73.530	5225.9
#3	4959.7	61255.	5748.1	71.211	5241.3

Sample Name: PB119141BL Acquired: 4/23/2019 16:05:12 Type: Unk
Method: P4-ICP2(v3065) 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	.00017	.00131	.00152	.00097	.00101	-.01152	.00146	.00004
Stddev	.00073	.00034	.00053	.00158	.00058	.00694	.00002	.00002
%RSD	441.49	25.578	34.962	162.72	57.289	60.266	1.2908	69.605
#1	-.00057	.00093	.00203	-.00046	.00058	-.01316	.00147	.00002
#2	.00089	.00142	.00097	.00267	.00078	-.01749	.00144	.00002
#3	.00017	.00158	.00156	.00071	.00167	-.00390	.00147	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01106	-.00006	.00022	-.00046	.00908	.00005	.00462
Stddev	.00008	.00497	.00042	.00020	.00019	.00029	.00003	.02437
%RSD	379.00	44.956	705.13	89.403	41.892	3.1424	66.490	527.60
#1	-.00011	.01565	-.00017	.00041	-.00043	.00878	.00008	-.00396
#2	.00003	.01173	-.00041	.00002	-.00067	.00935	.00002	.03212
#3	.00002	.00578	.00041	.00023	-.00028	.00910	.00004	-.01430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00009	-.02001	.00011	.00404	.00564	.00019	.00448
Stddev	.00008	.00036	.01238	.00028	.00005	.03358	.00009	.00836
%RSD	35.786	420.56	61.856	258.36	1.3139	594.83	46.243	186.68
#1	.00029	-.00002	-.03431	-.00021	.00409	.03843	.00026	-.00141
#2	.00014	.00048	-.01288	.00034	.00403	.00717	.00023	.01406
#3	.00027	-.00021	-.01285	.00019	.00398	-.02867	.00009	.00080
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .17702	-.00164	.00035	-.00102	-.00148	.0015	.00003	F 2.6133
Stddev	.00277	.00317	.00026	.00064	.00133	.0003	.00004	.1802
%RSD	1.5640	193.95	73.408	62.548	90.189	17.08	143.78	6.8954
#1	.17814	.00203	.00053	-.00111	-.00016	.0018	.00006	2.6230
#2	.17906	-.00337	.00006	-.00160	-.00145	.0013	-.00002	2.7884
#3	.17387	-.00357	.00046	-.00034	-.00283	.0014	.00004	2.4284

Sample Name: PB119141BL Acquired: 4/23/2019 16:05:12 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3818
Stddev	1.3917
%RSD	58.428

#1	3.7076
#2	.93255
#3	2.5053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4903.9	60091.	5678.5	73.045	5261.5
Stddev	6.6	66.	48.3	.502	15.6
%RSD	.13387	.11015	.85120	.68695	.29596

#1	4903.5	60031.	5636.2	73.075	5259.6
#2	4910.7	60162.	5668.1	72.530	5278.0
#3	4897.6	60081.	5731.2	73.532	5247.0

Sample Name: PB119141BS Acquired: 4/23/2019 16:09:40 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69607	1.8529	.89885	1.8031	.70569	1.8499	.19622
Stddev	.00394	.0101	.00433	.0041	.00223	.0170	.00032
%RSD	.56537	.54725	.48120	.22716	.31621	.91739	.16515

#1	.69473	1.8579	.90268	1.8071	.70764	1.8351	.19599
#2	.69297	1.8412	.89416	1.8034	.70619	1.8463	.19608
#3	.70049	1.8595	.89971	1.7989	.70326	1.8684	.19659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17988	.17606	.99873	.39552	.18564	.29494	2.9652
Stddev	.00037	.00126	.00272	.00042	.00028	.00131	.0052
%RSD	.20390	.71749	.27246	.10704	.15245	.44302	.17585

#1	.18024	.17748	.99666	.39578	.18557	.29634	2.9605
#2	.17990	.17505	1.0018	.39503	.18541	.29375	2.9643
#3	.17951	.17566	.99773	.39575	.18596	.29471	2.9708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19718	1.8581	.46843	.06628	2.8930	.29753	.17313
Stddev	.00012	.0441	.00122	.00031	.0215	.00035	.00066
%RSD	.05899	2.3741	.26065	.47366	.74266	.11630	.37989

#1	.19704	1.8317	.46917	.06607	2.8863	.29731	.17374
#2	.19724	1.8336	.46702	.06665	2.8758	.29734	.17243
#3	.19724	1.9090	.46910	.06613	2.9171	.29793	.17321

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6704	.38350	.30043	F .12734	.85288	.62752	.19145
Stddev	.0664	.00116	.00865	.00196	.00775	.00131	.00074
%RSD	.68625	.30310	2.8799	1.5398	.90868	.20933	.38704

#1	9.6045	.38476	.29712	.12961	.86148	.62889	.19106
#2	9.6697	.38326	.31025	.12631	.85069	.62741	.19098
#3	9.7372	.38248	.29392	.12611	.84645	.62627	.19230

Sample Name: PB119141BS Acquired: 4/23/2019 16:09:40 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18651	4.999	.19202	F 1.6420	F<.00000
Stddev	.00041	.006	.00019	.0415	2.0508
%RSD	.21778	.1209	.09960	2.5245	42.099

#1	.18697	5.003	.19204	1.6822	-3.3364
#2	.18620	4.992	.19182	1.6444	-7.2005
#3	.18637	5.003	.19221	1.5994	-4.0773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4968.6	61269.	5752.4	73.461	5256.0
Stddev	21.9	155.	47.4	1.303	15.7
%RSD	.44074	.25303	.82488	1.7733	.29833

#1	4950.2	61196.	5725.0	73.250	5239.5
#2	4962.9	61163.	5724.9	72.277	5258.0
#3	4992.8	61447.	5807.2	74.857	5270.7

Sample Name: PB119144BL Acquired: 4/23/2019 16:13:44 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119144BL 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	.00044	.00113	.00037	.00099	-.00848	.00103	-.00001
Stddev	.00216	.00089	.00040	.00228	.00078	.01471	.00022	.00003
%RSD	909.89	202.68	35.771	617.81	79.024	173.42	21.141	411.69
#1	.00040	.00014	.00152	.00184	.00190	-.01335	.00079	.00002
#2	.00231	.00144	.00071	-.00226	.00051	-.02014	.00122	-.00004
#3	-.00200	-.00026	.00115	.00153	.00057	.00804	.00107	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00087	.00002	.00018	-.00029	.00018	-.00004	-.05590
Stddev	.00002	.00614	.00007	.00006	.00016	.00054	.00005	.02410
%RSD	269.83	706.07	418.50	33.003	55.345	301.65	121.91	43.104
#1	.00001	.00555	-.00005	.00020	-.00034	.00066	-.00000	-.08094
#2	-.00003	-.00608	.00009	.00011	-.00011	.00028	-.00011	-.03288
#3	.00000	.00314	.00001	.00023	-.00042	-.00041	-.00002	-.05388
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00013	-.02537	.00029	.00014	.01886	.00010	-.01575
Stddev	.00017	.00020	.00755	.00022	.00008	.02344	.00022	.01646
%RSD	83.457	150.47	29.780	75.876	56.399	124.29	210.04	104.46
#1	.00029	-.00007	-.02799	.00013	.00022	.00126	.00030	.00313
#2	.00001	.00003	-.03126	.00020	.00011	.04547	.00014	-.02706
#3	.00031	-.00036	-.01685	.00054	.00008	.00985	-.00013	-.02333
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .13978	-.00142	.00034	-.00013	-.00187	.0007	.00003	F 1.4850
Stddev	.00087	.00109	.00040	.00021	.00129	.0005	.00003	.1185
%RSD	.62346	76.557	118.15	157.63	68.872	79.07	130.24	7.9772
#1	.13901	-.00118	.00013	.00001	-.00245	.0002	-.00001	1.5072
#2	.14073	-.00261	.00080	-.00038	-.00039	.0013	.00004	1.5909
#3	.13959	-.00047	.00009	-.00003	-.00277	.0005	.00005	1.3571

Sample Name: PB119144BL Acquired: 4/23/2019 16:13:44 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119144BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7597
Stddev	1.5882
%RSD	90.256

#1	3.5935
#2	.85774
#3	.82782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4993.8	60830.	5793.5	74.766	5365.3
Stddev	7.1	195.	67.2	.868	4.3
%RSD	.14129	.32056	1.1607	1.1615	.08004

#1	4988.7	60974.	5715.9	75.623	5361.1
#2	5001.8	60908.	5833.6	74.789	5364.9
#3	4990.7	60609.	5831.0	73.886	5369.7

Sample Name: PB119144BS Acquired: 4/23/2019 16:18:10 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119144BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64498	1.7215	.83226	1.6708	.65017	1.7103	.18147
Stddev	.00121	.0039	.00352	.0048	.00062	.0245	.00130
%RSD	.18687	.22409	.42302	.28805	.09605	1.4336	.71643

#1	.64637	1.7184	.83328	1.6658	.64974	1.7217	.18143
#2	.64423	1.7258	.83516	1.6753	.65088	1.6822	.18020
#3	.64434	1.7204	.82834	1.6712	.64988	1.7271	.18279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16703	.16386	.94279	.36815	.17211	.27421	2.7631
Stddev	.00047	.00082	.00725	.00095	.00047	.00077	.0017
%RSD	.27885	.50128	.76854	.25766	.27129	.28166	.06273

#1	.16659	.16428	.95052	.36822	.17243	.27445	2.7633
#2	.16752	.16438	.94172	.36717	.17233	.27484	2.7613
#3	.16699	.16291	.93615	.36906	.17158	.27335	2.7648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18281	1.7265	.43581	.06187	2.6703	.27563	.16321
Stddev	.00056	.0217	.00196	.00029	.0164	.00022	.00031
%RSD	.30747	1.2559	.44989	.47297	.61443	.08042	.19206

#1	.18218	1.7026	.43662	.06202	2.6741	.27540	.16314
#2	.18299	1.7320	.43723	.06154	2.6524	.27564	.16355
#3	.18326	1.7449	.43357	.06207	2.6845	.27585	.16293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9765	.35230	.26741	F .09432	.77689	.58099	.17628
Stddev	.0827	.00022	.00846	.00316	.00654	.00258	.00097
%RSD	.92096	.06163	3.1647	3.3524	.84232	.44360	.54885

#1	8.9985	.35232	.27505	.09513	.77543	.58105	.17527
#2	8.8851	.35251	.26887	.09699	.78404	.58354	.17720
#3	9.0460	.35208	.25831	.09083	.77120	.57839	.17637

Sample Name: PB119144BS Acquired: 4/23/2019 16:18:10 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119144BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17511	F 4.648	.17847	F 1.9630	F<.00000
Stddev	.00051	.013	.00018	.2591	.15712
%RSD	.29161	.2686	.09834	13.197	7.3275
#1	.17466	4.647	.17854	2.2154	-2.0219
#2	.17502	4.661	.17860	1.9759	-2.3214
#3	.17566	4.636	.17827	1.6978	-2.0894
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4869.1	59950.	5613.4	73.161	5150.2
Stddev	10.8	164.	49.5	.679	14.1
%RSD	.22145	.27341	.88220	.92754	.27398
#1	4856.8	59761.	5602.3	72.580	5134.3
#2	4873.4	60039.	5570.4	73.907	5155.0
#3	4877.1	60051.	5667.5	72.998	5161.3

Sample Name: PB119144TB Acquired: 4/23/2019 16:22:15 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8150 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00190	-.00104	.00121	.00118	.00088	.00325	.00067	-.00008
Stddev	.00218	.00056	.00013	.00098	.00036	.00680	.00040	.00007
%RSD	114.73	54.531	11.173	83.237	41.102	209.06	60.127	94.957
#1	-.00432	-.00169	.00112	.00231	.00128	-.00458	.00084	-.00015
#2	-.00124	-.00068	.00114	.00049	.00075	.00666	.00095	-.00000
#3	-.00012	-.00074	.00136	.00075	.00060	.00767	.00021	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00649	.00022	-.00013	-.00030	.00452	.00014	-.01644
Stddev	.00005	.00740	.00021	.00018	.00002	.00058	.00003	.03342
%RSD	67.359	113.97	93.188	138.37	7.8022	12.744	22.435	203.29
#1	-.00014	.00605	.00046	-.00018	-.00029	.00387	.00014	.00959
#2	-.00003	.01410	.00014	.00007	-.00032	.00470	.00016	-.05413
#3	-.00008	-.00068	.00007	-.00028	-.00028	.00498	.00010	-.00478
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	.00108	F 303.42	-.00000	.00224	.13379	.00017	.00371
Stddev	.00032	.00021	1.82	.00005	.00004	.01704	.00009	.00760
%RSD	29.166	19.255	.59824	8278.9	1.8028	12.734	49.686	204.81
#1	.00079	.00094	301.55	-.00004	.00221	.12828	.00026	.00479
#2	.00108	.00099	305.17	.00005	.00229	.12019	.00009	-.00437
#3	.00143	.00132	303.56	-.00001	.00222	.15290	.00017	.01072
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .11236	.00145	.00006	.00043	-.00217	.0018	.00004	3.2538
Stddev	.00110	.00228	.00022	.00047	.00036	.0013	.00007	.0680
%RSD	.98001	156.69	359.53	107.35	16.592	71.57	162.45	2.0901
#1	.11136	.00400	-.00008	.00094	-.00182	.0030	-.00001	3.2435
#2	.11354	-.00039	.00031	.00032	-.00254	.0005	.00012	3.1916
#3	.11217	.00075	-.00005	.00003	-.00216	.0017	.00002	3.3264

Sample Name: PB119144TB Acquired: 4/23/2019 16:22:15 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8150 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.5634
Stddev	1.5100
%RSD	17.634

#1	8.1145
#2	10.247
#3	7.3287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4590.3	55517.	5586.3	69.811	4548.7
Stddev	12.8	108.	41.8	1.428	13.3
%RSD	.27839	.19513	.74853	2.0460	.29250

#1	4579.0	55450.	5632.4	71.339	4535.9
#2	4587.8	55459.	5550.8	69.584	4547.7
#3	4604.2	55642.	5575.7	68.509	4562.4

Sample Name: PB119145BL Acquired: 4/23/2019 16:26:51 Type: Unk
Method: P4-ICP2(v3065) 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	-.00041	-.00030	.00097	.00200	.00107	-.01285	.00128	.00008
Stddev	.00223	.00119	.00132	.00093	.00082	.00936	.00062	.00002
%RSD	538.10	396.34	136.87	46.570	76.909	72.859	48.524	27.820
#1	.00203	-.00115	.00134	.00249	.00140	-.02284	.00172	.00007
#2	-.00093	.00106	.00207	.00092	.00168	-.00428	.00155	.00010
#3	-.00234	-.00082	-.00050	.00258	.00013	-.01142	.00057	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00215	.00003	.00024	-.00035	-.00020	-.00002	-.06063
Stddev	.00007	.00457	.00017	.00006	.00031	.00014	.00004	.03144
%RSD	501.39	212.88	643.07	23.244	87.524	71.483	195.67	51.846
#1	-.00006	.00180	-.00001	.00022	-.00000	-.00026	-.00006	-.08662
#2	-.00005	.00687	.00021	.00030	-.00057	-.00004	-.00001	-.06960
#3	.00006	-.00224	-.00012	.00019	-.00048	-.00030	.00001	-.02569
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00011	.07595	-.00028	-.00002	.01064	-.00003	-.00560
Stddev	.00026	.00042	.00894	.00007	.00005	.00947	.00021	.01205
%RSD	66.028	384.81	11.771	24.345	266.75	88.992	652.51	214.92
#1	.00067	-.00037	.06776	-.00028	-.00002	-.00021	-.00008	-.00569
#2	.00037	.00029	.07460	-.00022	.00003	.01721	.00020	.00648
#3	.00015	.00042	.08549	-.00035	-.00006	.01492	-.00021	-.01761
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .10511	-.00143	-.00017	.00012	-.00021	.0011	.00009	F 1.6071
Stddev	.00187	.00033	.00034	.00102	.00078	.0006	.00008	.1551
%RSD	1.7832	23.181	200.81	826.86	371.71	52.90	86.969	9.6513
#1	.10353	-.00142	.00022	-.00105	-.00112	.0016	.00018	1.7682
#2	.10463	-.00111	-.00031	.00064	.00025	.0005	.00004	1.5942
#3	.10718	-.00177	-.00042	.00078	.00024	.0012	.00005	1.4588

Sample Name: PB119145BL Acquired: 4/23/2019 16:26:51 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .48334
Stddev 1.7265
%RSD 357.20

#1 1.8775
#2 -1.4478
#3 1.0204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4996.8	61222.	5853.4	74.742	5370.8
Stddev	4.9	138.	10.1	.323	9.2
%RSD	.09855	.22516	.17228	.43241	.17107

#1	5001.1	61175.	5857.2	74.582	5372.0
#2	4998.0	61113.	5841.9	74.530	5379.3
#3	4991.4	61377.	5861.0	75.114	5361.0

Sample Name: PB119145BS Acquired: 4/23/2019 16:31:18 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65283	1.7448	.84122	1.6880	.65457	1.7377	.18375
Stddev	.00097	.0022	.00097	.0089	.00124	.0275	.00237
%RSD	.14807	.12879	.11559	.52986	.18991	1.5825	1.2889

#1	.65392	1.7463	.84092	1.6980	.65582	1.7108	.18178
#2	.65251	1.7460	.84231	1.6855	.65455	1.7364	.18310
#3	.65206	1.7423	.84044	1.6806	.65334	1.7658	.18638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16959	.16569	.93015	.37257	.17405	.27721	2.7999
Stddev	.00029	.00060	.01751	.00209	.00057	.00022	.0058
%RSD	.16880	.35916	1.8820	.55975	.32549	.07944	.20874

#1	.16965	.16638	.94494	.37280	.17463	.27721	2.7969
#2	.16928	.16531	.93470	.37038	.17401	.27698	2.7962
#3	.16984	.16539	.91082	.37453	.17350	.27742	2.8067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18594	1.7218	.44036	.06280	2.7397	.28062	.16448
Stddev	.00004	.0182	.00117	.00010	.0312	.00096	.00026
%RSD	.02262	1.0596	.26540	.16312	1.1397	.34139	.15742

#1	.18590	1.7041	.44150	.06270	2.7074	.27982	.16476
#2	.18595	1.7405	.44042	.06290	2.7418	.28034	.16440
#3	.18598	1.7206	.43916	.06279	2.7698	.28168	.16426

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0784	.35658	.26103	F .07146	.77419	.58738	.17690
Stddev	.1322	.00164	.01444	.00100	.01140	.00150	.00430
%RSD	1.4563	.45873	5.5325	1.3943	1.4721	.25532	2.4311

#1	8.9306	.35846	.27354	.07245	.78721	.58904	.17362
#2	9.1191	.35558	.24522	.07149	.76935	.58612	.17532
#3	9.1854	.35568	.26431	.07045	.76602	.58697	.18177

Sample Name: PB119145BS Acquired: 4/23/2019 16:31:18 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17629	F 4.711	.17947	F 2.2002	F<.00000
Stddev	.00046	.023	.00046	.2526	1.6877
%RSD	.26077	.4932	.25444	11.482	38.827

#1	.17582	4.729	.17901	1.9629	-6.2737
#2	.17632	4.719	.17992	2.1719	-3.1307
#3	.17674	4.685	.17949	2.4658	-3.6360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4918.9	60625.	5717.2	72.795	5210.7
Stddev	16.0	114.	55.8	1.398	14.5
%RSD	.32539	.18783	.97640	1.9203	.27795

#1	4901.0	60743.	5670.9	71.545	5194.0
#2	4931.7	60516.	5701.4	72.534	5218.6
#3	4924.0	60617.	5779.2	74.305	5219.6

Sample Name: PB119145TB Acquired: 4/23/2019 16:35:25 Type: Unk
Method: P4-ICP2(v3065) 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	-.00107	.00168	.00193	-.00042	.00029	.00077	-.00002
Stddev	.00086	.00092	.00085	.00339	.00141	.00352	.00010	.00003
%RSD	27.396	85.730	50.925	175.43	336.42	1226.4	12.449	155.30
#1	-.00386	-.00070	.00253	.00352	-.00019	.00080	.00074	.00002
#2	-.00338	-.00040	.00082	-.00196	-.00192	.00352	.00069	-.00004
#3	-.00219	-.00212	.00169	.00424	.00086	-.00346	.00087	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01324	.00049	-.00014	.00017	.00404	.00012	.00124
Stddev	.00006	.00248	.00029	.00024	.00014	.00035	.00002	.03927
%RSD	130.80	18.731	60.062	170.98	84.217	8.5739	13.335	3155.8
#1	-.00012	.01419	.00081	-.00030	.00030	.00366	.00014	.04573
#2	-.00002	.01511	.00023	-.00026	.00017	.00411	.00012	-.01339
#3	-.00000	.01043	.00043	.00014	.00002	.00434	.00011	-.02860
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.00112	F 370.65	.00023	.00222	.11038	.00010	.00043
Stddev	.00032	.00017	3.95	.00036	.00011	.04706	.00030	.01007
%RSD	18.571	14.723	1.0649	155.36	5.0313	42.632	311.99	2356.7
#1	.00176	.00123	366.13	.00007	.00225	.07635	.00036	-.00883
#2	.00203	.00093	373.41	-.00002	.00210	.16409	.00015	.01114
#3	.00139	.00121	372.41	.00065	.00231	.09071	-.00023	-.00103
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08321	.00381	.00002	.00077	-.00000	-.0006	.00000	3.3308
Stddev	.00239	.00244	.00043	.00129	.00108	.0010	.00004	.0517
%RSD	2.8716	64.151	2310.8	167.88	125350.	159.6	1494.7	1.5524
#1	.08494	.00635	-.00042	-.00070	.00079	-.0011	-.00003	3.2967
#2	.08419	.00360	.00044	.00173	.00045	.0005	-.00001	3.3054
#3	.08048	.00147	.00004	.00126	-.00124	-.0013	.00005	3.3903

Sample Name: PB119145TB Acquired: 4/23/2019 16:35:25 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.9696
Stddev	2.5393
%RSD	28.311

#1	10.348
#2	10.522
#3	6.0391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4615.3	55938.	5616.6	70.494	4553.7
Stddev	6.7	180.	60.4	2.092	9.7
%RSD	.14471	.32183	1.0752	2.9684	.21352

#1	4620.5	56144.	5548.8	69.591	4550.5
#2	4607.7	55859.	5636.7	72.886	4545.9
#3	4617.6	55811.	5664.5	69.005	4564.6

Sample Name: K2518-02 Acquired: 4/23/2019 16:40:01 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MUDDY-BAGS 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	-.00143	-.00601	.00187	-.00125	-.05882	.00200	.00002
Stddev	.00012	.00018	.00016	.00054	.00027	.00038	.00011	.00001
%RSD	7.0678	12.382	2.6372	28.823	21.672	.64270	5.3920	64.165

#1	-.00168	-.00131	-.00596	.00128	-.00097	-.05847	.00190	.00004
#2	-.00180	-.00134	-.00619	.00233	-.00151	-.05876	.00200	.00002
#3	-.00156	-.00163	-.00588	.00201	-.00126	-.05922	.00212	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01968	.00008	.00038	-.00198	-.00432	-.00013	-.05932
Stddev	.00001	.00565	.00007	.00004	.00005	.00004	.00001	.01325
%RSD	21.265	28.706	93.060	11.634	2.7557	.99332	7.5745	22.328

#1	.00004	-.01660	.00003	.00042	-.00204	-.00435	-.00012	-.04728
#2	.00005	-.01624	.00016	.00034	-.00193	-.00434	-.00013	-.07351
#3	.00004	-.02620	.00004	.00038	-.00199	-.00427	-.00014	-.05718

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00582	-.00088	-.03142	.00032	-.00049	-.11857	-.00005	-.00580
Stddev	.00003	.00012	.00417	.00016	.00001	.01245	.00004	.00320
%RSD	.44814	14.051	13.256	50.138	1.4847	10.496	79.686	55.193

#1	.00582	-.00101	-.02679	.00016	-.00048	-.12679	-.00000	-.00883
#2	.00585	-.00087	-.03487	.00048	-.00050	-.10425	-.00007	-.00246
#3	.00580	-.00077	-.03261	.00031	-.00049	-.12467	-.00008	-.00609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02679	-.02658	-.00125	-.00132	-.00977	.0016	.00010	^ *****
Stddev	.00175	.00012	.00020	.00083	.00103	.0002	.00001	-----
%RSD	6.5204	.44736	15.763	62.868	10.505	11.41	14.381	-----

#1	-.02477	-.02651	-.00144	-.00099	-.00892	.0017	.00011	^ -----
#2	-.02781	-.02653	-.00105	-.00227	-.01091	.0014	.00009	^ -----
#3	-.02779	-.02672	-.00126	-.00071	-.00948	.0018	.00012	^ -----

Sample Name: K2518-02 Acquired: 4/23/2019 16:40:01 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MUDDY-BAGS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.997
 Stddev 1.080
 %RSD 6.3551

#1 15.799
 #2 17.896
 #3 17.297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15614.	178970.	13540.	177.38	17887.
Stddev	180.	4481.	24.	.88	190.
%RSD	1.1511	2.5038	.17909	.49363	1.0641

#1	15543.	173830.	13538.	176.58	17792.
#2	15481.	182070.	13516.	178.32	17762.
#3	15819.	181000.	13565.	177.24	18106.

Sample Name: CCV05 Acquired: 4/23/2019 16:44:39 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8487	4.9659	4.8024	4.9638	4.8237	9.8262	10.175	.24707
Stddev	.0009	.0057	.0014	.0137	.0046	.0461	.034	.00049
%RSD	.01931	.11472	.02938	.27681	.09506	.46906	.33084	.19828
#1	4.8480	4.9621	4.8032	4.9741	4.8281	9.7822	10.137	.24763
#2	4.8483	4.9724	4.8033	4.9482	4.8190	9.8742	10.198	.24672
#3	4.8497	4.9631	4.8008	4.9692	4.8239	9.8222	10.190	.24685
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4277	25.065	.99506	2.4171	1.2290	4.9819	2.4779	24.589
Stddev	.0025	.119	.00174	.0028	.0019	.0083	.0046	.205
%RSD	.10478	.47628	.17530	.11501	.15659	.16662	.18359	.83200
#1	2.4306	24.985	.99686	2.4199	1.2307	4.9883	2.4820	24.364
#2	2.4266	25.007	.99338	2.4143	1.2269	4.9725	2.4730	24.638
#3	2.4260	25.202	.99495	2.4170	1.2295	4.9848	2.4786	24.764
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4615	1.2334	25.081	2.5097	2.3989	25.512	4.8666	5.1079
Stddev	.0036	.0020	.038	.0060	.0036	.143	.0053	.0492
%RSD	.14674	.16557	.15021	.24124	.15024	.55930	.10917	.96236
#1	2.4637	1.2346	25.037	2.5166	2.4030	25.373	4.8721	5.0528
#2	2.4634	1.2345	25.103	2.5053	2.3962	25.658	4.8615	5.1233
#3	2.4573	1.2310	25.102	2.5073	2.3975	25.506	4.8662	5.1475
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1310	4.8032	4.8848	4.9249	4.8142	5.075	4.9975	F 3.1755
Stddev	.0049	.0312	.0021	.0093	.0350	.008	.0287	.1045
%RSD	.09619	.64915	.04387	.18911	.72629	.1543	.57352	3.2901
#1	5.1319	4.8333	4.8832	4.9189	4.8478	5.083	5.0199	3.2771
#2	5.1257	4.7711	4.8872	4.9201	4.7780	5.074	4.9652	3.0684
#3	5.1355	4.8053	4.8840	4.9356	4.8169	5.068	5.0073	3.1810

Sample Name: CCV05 Acquired: 4/23/2019 16:44:39 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7042
Stddev 1.9087
%RSD 112.00

#1 3.7741
#2 1.3247
#3 .01370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4783.0	58132.	5676.8	70.704	4724.7
Stddev	7.7	68.	47.6	1.952	6.5
%RSD	.16104	.11670	.83931	2.7606	.13753

#1	4775.5	58071.	5626.1	69.471	4717.2
#2	4790.9	58121.	5720.6	69.686	4728.8
#3	4782.7	58205.	5683.5	72.955	4728.0

Sample Name: CCB05 Acquired: 4/23/2019 16:50:26 Type: Unk
Method: P4-ICP2(v3065) 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	.00108	.00084	.00091	.00223	.00132	-.00236	.00111	.00005
Stddev	.00155	.00067	.00050	.00123	.00096	.00955	.00057	.00006
%RSD	144.09	80.143	54.587	54.984	72.663	405.31	51.123	126.57
#1	.00231	.00149	.00091	.00355	.00214	-.00841	.00165	.00012
#2	.00158	.00087	.00041	.00111	.00156	-.00731	.00052	.00001
#3	-.00066	.00015	.00141	.00204	.00026	.00865	.00114	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00225	-.00028	.00013	-.00021	.00027	-.00005	-.04793
Stddev	.00005	.00863	.00005	.00011	.00028	.00044	.00002	.03168
%RSD	484.74	383.79	18.722	86.558	134.74	163.77	44.935	66.109
#1	-.00004	.01155	-.00028	.00000	-.00044	.00043	-.00007	-.01182
#2	-.00005	.00069	-.00022	.00017	-.00029	.00060	-.00003	-.06089
#3	.00005	-.00549	-.00033	.00021	.00010	-.00023	-.00005	-.07107
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00039	.00560	.00017	.00010	.00079	.00037	.00667
Stddev	.00009	.00039	.01174	.00021	.00001	.04174	.00014	.00911
%RSD	263.29	99.434	209.53	124.83	15.220	5285.0	38.016	136.61
#1	.00005	-.00013	-.00725	.00011	.00010	-.04726	.00040	.00375
#2	-.00006	-.00021	.00830	-.00001	.00011	.02803	.00050	-.00063
#3	.00012	-.00084	.01576	.00040	.00008	.02160	.00022	.01688
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06414	-.00228	.00017	-.00048	-.00124	.0018	.00011	F 1.5781
Stddev	.00186	.00053	.00040	.00063	.00174	.0015	.00005	.2566
%RSD	2.9018	23.328	235.52	131.34	141.13	84.30	46.512	16.262
#1	.06200	-.00277	-.00028	.00022	-.00269	.0009	.00007	1.6562
#2	.06528	-.00235	.00028	-.00065	-.00172	.0035	.00017	1.7866
#3	.06515	-.00171	.00050	-.00101	.00070	.0009	.00010	1.2915

Sample Name: CCB05 Acquired: 4/23/2019 16:50:26 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9058
Stddev	1.8949
%RSD	99.427

#1	2.4414
#2	3.4752
#3	-.19922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5072.0	61786.	5812.0	74.030	5446.4
Stddev	12.2	55.	33.2	1.187	2.0
%RSD	.24010	.08961	.57203	1.6038	.03627

#1	5060.0	61724.	5782.7	74.682	5444.1
#2	5071.7	61804.	5805.2	72.659	5447.5
#3	5084.3	61830.	5848.1	74.748	5447.6

Sample Name: K2413-03DUP Acquired: 4/23/2019 16:54:53 Type: Unk
Method: P4-ICP2(v3065) 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	.10073	.00405	.66594	.02184	-.00544	49.414	.30659	.00823
Stddev	.00365	.00066	.00122	.00184	.00065	.273	.00170	.00013
%RSD	3.6250	16.266	.18306	8.4364	11.988	.55256	.55407	1.6278
#1	.09662	.00403	.66546	.02123	-.00616	49.136	.30600	.00815
#2	.10197	.00340	.66732	.02391	-.00526	49.682	.30851	.00839
#3	.10360	.00472	.66503	.02038	-.00489	49.423	.30528	.00816
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01915	551.64	.04897	.09466	.34886	61.789	15.232	114.71
Stddev	.00013	4.91	.00030	.00007	.00046	.688	.090	.73
%RSD	.66507	.88967	.61289	.06911	.13328	1.1129	.59262	.63348
#1	.01905	545.98	.04863	.09466	.34833	61.053	15.167	113.87
#2	.01929	554.76	.04913	.09473	.34911	62.415	15.335	115.11
#3	.01911	554.17	.04917	.09460	.34915	61.898	15.195	115.14
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11783	-.00434	14.070	.22851	4.3507	65.690	-.00114	1.1418
Stddev	.00091	.00062	.054	.00047	.0055	.373	.00020	.0121
%RSD	.77203	14.197	.38107	.20649	.12722	.56775	17.134	1.0592
#1	.11705	-.00401	14.017	.22796	4.3559	65.285	-.00135	1.1289
#2	.11883	-.00505	14.124	.22878	4.3449	66.019	-.00097	1.1529
#3	.11761	-.00395	14.069	.22878	4.3512	65.767	-.00111	1.1435
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2190.6	F 14.330	-.82682	.54301	.02825	F 39.67	1.7695	1.0073
Stddev	25.3	.144	.00986	.00186	.00146	.13	.0110	.1975
%RSD	1.1571	1.0059	1.1926	.34340	5.1523	.3174	.62033	19.610
#1	2162.5	14.174	-.81576	.54188	.02693	39.80	1.7568	.77944
#2	2211.8	14.356	-.83469	.54199	.02981	39.64	1.7751	1.1127
#3	2197.5	14.459	-.83002	.54516	.02801	39.55	1.7765	1.1298

Sample Name: K2413-03DUP Acquired: 4/23/2019 16:54:53 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.75002
Stddev	2.3234
%RSD	309.78

#1	2.7187
#2	1.3441
#3	-1.8127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5088.5	64741.	6618.0	66.769	4000.6
Stddev	13.1	132.	42.4	1.445	9.0
%RSD	.25776	.20396	.64025	2.1644	.22501

#1	5074.0	64893.	6664.0	68.415	3990.2
#2	5092.1	64653.	6609.5	66.182	4006.1
#3	5099.5	64678.	6580.5	65.710	4005.5

Sample Name: K2413-03LX5 Acquired: 4/23/2019 16:59:31 Type: Unk
Method: P4-ICP2(v3065) 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	.02081	.00032	.13917	.00963	-.00247	11.540	.07123	.00199
Stddev	.00251	.00077	.00044	.00241	.00092	.062	.00041	.00004
%RSD	12.067	237.85	.31758	25.060	37.326	.53793	.57497	2.0149
#1	.02270	.00057	.13958	.00735	-.00151	11.584	.07075	.00203
#2	.01796	.00095	.13922	.01216	-.00255	11.566	.07150	.00199
#3	.02177	-.00054	.13870	.00939	-.00335	11.469	.07142	.00195
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	135.26	.01167	.01926	.08738	16.081	4.0333	27.327
Stddev	.00008	.80	.00016	.00018	.00072	.039	.0227	.122
%RSD	2.5316	.59080	1.3964	.93424	.82285	.24499	.56155	.44588
#1	.00325	134.44	.01169	.01915	.08683	16.119	4.0590	27.248
#2	.00341	135.30	.01181	.01947	.08820	16.084	4.0248	27.265
#3	.00338	136.03	.01149	.01916	.08712	16.040	4.0161	27.467
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02299	-.00059	3.2239	.05532	.85623	14.924	-.00045	.27332
Stddev	.00032	.00014	.0113	.00024	.00330	.099	.00024	.00458
%RSD	1.3756	23.795	.35123	.42562	.38522	.66309	52.790	1.6741
#1	.02284	-.00053	3.2301	.05511	.85339	15.000	-.00070	.26836
#2	.02335	-.00049	3.2108	.05557	.85545	14.812	-.00024	.27737
#3	.02277	-.00075	3.2308	.05527	.85985	14.962	-.00040	.27423
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 705.90	3.6844	-.26565	.13258	.00699	7.826	.42771	2.4141
Stddev	1.92	.0184	.00015	.00014	.00141	.027	.00216	.2187
%RSD	.27167	.49946	.05564	.10303	20.145	.3484	.50460	9.0602
#1	704.57	3.6654	-.26570	.13270	.00821	7.795	.42556	2.5717
#2	708.10	3.6857	-.26577	.13243	.00731	7.844	.42769	2.5062
#3	705.04	3.7021	-.26549	.13260	.00545	7.839	.42988	2.1644

Sample Name: K2413-03LX5 Acquired: 4/23/2019 16:59:31 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.18055
Stddev	.92262
%RSD	510.99

#1	-.82101
#2	.99578
#3	.36689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4884.0	59996.	5835.0	71.392	4724.5
Stddev	16.4	228.	12.9	1.395	19.5
%RSD	.33584	.37934	.22119	1.9539	.41210

#1	4896.1	59763.	5840.7	72.035	4733.6
#2	4890.4	60217.	5844.2	69.792	4737.7
#3	4865.3	60009.	5820.3	72.350	4702.1

Sample Name: K2413-03MS Acquired: 4/23/2019 17:03:57 Type: Unk
Method: P4-ICP2(v3065) 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	.75311	1.9094	1.5718	1.9626	.63704	49.527	.47863
Stddev	.00258	.0123	.0096	.0082	.00239	.786	.00790
%RSD	.34314	.64418	.60868	.41620	.37468	1.5872	1.6507

#1	.75412	1.9002	1.5712	1.9610	.63941	48.687	.46972
#2	.75017	1.9047	1.5626	1.9553	.63463	49.651	.48140
#3	.75503	1.9234	1.5817	1.9714	.63708	50.244	.48478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17746	.21338	542.87	.37729	.29317	.58123	62.778
Stddev	.00133	.00103	2.85	.00247	.00126	.00298	.268
%RSD	.74732	.48251	.52442	.65556	.42915	.51214	.42611

#1	.17603	.21343	542.73	.37474	.29327	.58252	62.548
#2	.17768	.21232	540.10	.37744	.29186	.57782	62.715
#3	.17866	.21438	545.79	.37968	.29438	.58333	63.072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.063	112.64	.62253	.05716	16.346	.48015	4.3560
Stddev	.141	1.75	.00281	.00023	.282	.00181	.0191
%RSD	.93580	1.5527	.45181	.40759	1.7263	.37767	.43840

#1	14.908	110.68	.62223	.05722	16.047	.47818	4.3489
#2	15.096	113.24	.61987	.05690	16.383	.48053	4.3415
#3	15.184	114.02	.62548	.05736	16.608	.48175	4.3776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	72.470	.31861	1.3646	F 2127.3	F 14.830	-.13078	.70260
Stddev	1.186	.00116	.0308	5.5	.186	.00382	.00123
%RSD	1.6363	.36463	2.2589	.25633	1.2520	2.9211	.17500

#1	71.180	.31799	1.3290	2133.5	15.044	-.13420	.70400
#2	72.716	.31789	1.3817	2125.2	14.710	-.13148	.70170
#3	73.513	.31995	1.3831	2123.2	14.737	-.12665	.70209

Sample Name: K2413-03MS Acquired: 4/23/2019 17:03:57 Type: Unk
 Method: P4-ICP2(v3065) 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	.19904	F 43.90	1.8995	1.4825	F<.00000
Stddev	.00126	.22	.0112	.1509	1.9902
%RSD	.63453	.4965	.58743	10.180	61.370

#1	.20021	43.74	1.8963	1.3227	-1.1816
#2	.19921	43.81	1.8903	1.6226	-3.3937
#3	.19770	44.15	1.9119	1.5023	-5.1534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5105.7	64166.	6433.5	64.799	4048.6
Stddev	25.6	505.	44.1	.807	15.0
%RSD	.50235	.78650	.68541	1.2458	.37037

#1	5077.1	64715.	6385.0	63.867	4031.3
#2	5113.3	64062.	6471.1	65.232	4057.2
#3	5126.6	63722.	6444.5	65.296	4057.4

Sample Name: K2413-03MSD Acquired: 4/23/2019 17:08:24 Type: Unk
Method: P4-ICP2(v3065) 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	.74489	1.8923	1.5521	1.9409	.62603	49.247	.47925
Stddev	.00466	.0088	.0043	.0117	.00456	.256	.00310
%RSD	.62503	.46295	.27632	.60411	.72829	.51914	.64687

#1	.74950	1.9016	1.5500	1.9544	.62991	49.451	.48103
#2	.74019	1.8843	1.5494	1.9327	.62101	48.960	.47567
#3	.74497	1.8909	1.5571	1.9358	.62718	49.330	.48106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17615	.20977	538.48	.37457	.28889	.57386	62.399
Stddev	.00035	.00074	1.19	.00170	.00108	.00192	.509
%RSD	.20067	.35150	.22156	.45408	.37434	.33481	.81554

#1	.17654	.20969	539.85	.37643	.28907	.57495	62.983
#2	.17585	.20907	537.65	.37420	.28773	.57165	62.164
#3	.17605	.21054	537.93	.37309	.28987	.57500	62.051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.976	112.13	.61556	.05655	16.312	.47705	4.2752
Stddev	.023	.89	.00128	.00051	.068	.00091	.0156
%RSD	.15443	.79551	.20767	.90075	.41957	.19038	.36367

#1	15.000	112.42	.61544	.05711	16.366	.47809	4.2783
#2	14.954	111.12	.61434	.05611	16.235	.47658	4.2583
#3	14.974	112.83	.61689	.05643	16.335	.47647	4.2889

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	72.359	.31564	1.3680	F 2132.5	F 14.630	-.13920	.69537
Stddev	.269	.00110	.0160	8.4	.061	.00262	.00266
%RSD	.37173	.34798	1.1672	.39295	.41364	1.8839	.38206

#1	72.476	.31641	1.3535	2142.2	14.674	-.14194	.69300
#2	72.051	.31438	1.3851	2127.3	14.656	-.13896	.69825
#3	72.549	.31613	1.3653	2128.0	14.561	-.13671	.69487

Sample Name: K2413-03MSD Acquired: 4/23/2019 17:08:24 Type: Unk
Method: P4-ICP2(v3065) 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	.19763	F 43.22	1.8857	1.3732	F<.00000
Stddev	.00209	.24	.0042	.0670	.96512
%RSD	1.0551	.5487	.21992	4.8770	71.511
#1	.19573	43.36	1.8904	1.4402	-2.2179
#2	.19729	42.94	1.8825	1.3731	-1.5204
#3	.19986	43.35	1.8843	1.3062	-.31049
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5158.7	64631.	6508.5	66.465	4098.4
Stddev	9.5	348.	31.9	.974	9.6
%RSD	.18370	.53895	.48990	1.4649	.23361
#1	5151.7	64238.	6476.9	67.564	4095.9
#2	5169.5	64901.	6508.0	65.710	4109.0
#3	5155.0	64754.	6540.6	66.123	4090.3

Sample Name: K2413-03A Acquired: 4/23/2019 17:12:50 Type: Unk
Method: P4-ICP2(v3065) 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	.75660	1.9170	1.5780	1.9614	.63117	49.920	.48332
Stddev	.00680	.0121	.0041	.0141	.00322	.291	.00259
%RSD	.89896	.63218	.25791	.71707	.50979	.58202	.53490

#1	.76243	1.9304	1.5812	1.9774	.63443	49.592	.48050
#2	.75824	1.9138	1.5793	1.9559	.63108	50.024	.48389
#3	.74913	1.9067	1.5734	1.9509	.62800	50.144	.48557

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17769	.21343	546.28	.37909	.29429	.58370	63.091
Stddev	.00060	.00101	1.97	.00219	.00123	.00151	.294
%RSD	.33747	.47429	.36033	.57671	.41675	.25901	.46545

#1	.17755	.21455	545.94	.37865	.29571	.58527	62.769
#2	.17718	.21314	548.39	.37716	.29349	.58359	63.159
#3	.17835	.21259	544.50	.38146	.29369	.58225	63.344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.041	113.08	.62623	.05682	16.442	.48332	4.3486
Stddev	.068	.90	.00274	.00033	.153	.00206	.0261
%RSD	.44915	.79758	.43707	.57358	.93158	.42696	.59917

#1	14.963	112.13	.62919	.05646	16.299	.48333	4.3783
#2	15.086	113.18	.62569	.05693	16.422	.48126	4.3377
#3	15.074	113.92	.62380	.05708	16.604	.48538	4.3297

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.020	.31919	1.3625	F 2161.3	F 14.923	-.14297	.70165
Stddev	.652	.00163	.0087	27.4	.099	.00658	.00170
%RSD	.89274	.51034	.63562	1.2665	.66382	4.6045	.24196

#1	72.402	.32085	1.3650	2192.1	15.022	-.15057	.70321
#2	72.957	.31911	1.3528	2152.2	14.921	-.13932	.70191
#3	73.701	.31760	1.3696	2139.7	14.824	-.13902	.69984

Sample Name: K2413-03A Acquired: 4/23/2019 17:12:50 Type: Unk
Method: P4-ICP2(v3065) 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	.20001	F 43.88	1.9139	1.3994	F<.00000
Stddev	.00023	.32	.0075	.0319	1.9560
%RSD	.11733	.7207	.39286	2.2824	60.324

#1	.20022	44.22	1.9171	1.4135	-5.0550
#2	.20005	43.82	1.9194	1.4218	-3.5033
#3	.19976	43.60	1.9054	1.3628	-1.1691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5108.4	63991.	6419.4	63.945	4039.2
Stddev	16.8	71.	59.6	.650	14.1
%RSD	.32960	.11043	.92842	1.0168	.34831

#1	5090.8	63948.	6368.5	63.697	4023.1
#2	5110.2	64072.	6404.8	63.455	4045.3
#3	5124.4	63951.	6485.0	64.683	4049.1

Sample Name: K2518-02 Acquired: 4/23/2019 17:17:17 Type: Unk
Method: P4-ICP2(v3065) 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	.02419	-.02791	.38262	.04428	.00474	114.50	.92244
Stddev	.00137	.00096	.00063	.00302	.00071	.16	.00274
%RSD	5.6629	3.4444	.16586	6.8102	14.891	.14280	.29730

#1	.02511	-.02683	.38252	.04485	.00400	114.67	.92303
#2	.02261	-.02822	.38330	.04102	.00481	114.47	.92484
#3	.02484	-.02868	.38204	.04697	.00541	114.35	.91945

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01590	.02196	86.715	.87979	.22713	.62562	237.65
Stddev	.00029	.00013	.633	.00252	.00086	.00039	.25
%RSD	1.8331	.60664	.72971	.28639	.37857	.06155	.10586

#1	.01592	.02183	87.115	.88227	.22687	.62606	237.62
#2	.01560	.02209	87.044	.87724	.22643	.62541	237.91
#3	.01618	.02196	85.985	.87987	.22809	.62538	237.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8371	106.19	.39774	-.02354	8.1253	.49210	3.2516
Stddev	.0171	.27	.00176	.00037	.0256	.00370	.0056
%RSD	.60436	.25507	.44137	1.5820	.31563	.75158	.17280

#1	2.8569	106.47	.39826	-.02372	8.1549	.49538	3.2577
#2	2.8285	106.18	.39578	-.02311	8.1116	.48809	3.2506
#3	2.8260	105.92	.39917	-.02378	8.1095	.49283	3.2466

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.109	.04803	.18780	F 18.257	5.3465	.05435	F 13.922
Stddev	.156	.00020	.00199	.037	.0910	.00064	.098
%RSD	.25588	.40875	1.0575	.20438	1.7016	1.1812	.70545

#1	61.138	.04793	.18997	18.298	5.4317	.05414	13.989
#2	61.250	.04791	.18606	18.251	5.3572	.05507	13.968
#3	60.941	.04826	.18737	18.224	5.2506	.05384	13.810

Sample Name: K2518-02 Acquired: 4/23/2019 17:17:17 Type: Unk
Method: P4-ICP2(v3065) 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	.17195	F 18.30	.03814	<.00000	F<.00000
Stddev	.00116	.03	.00179	.17669	1.5929
%RSD	.67676	.1846	4.7053	2.2312	1.3652
#1	.17105	18.30	.03960	-8.1008	-116.08
#2	.17154	18.33	.03869	-7.9089	-118.49
#3	.17326	18.27	.03614	-7.7478	-115.49
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6816.0	84604.	8529.6	69.364	4271.7
Stddev	7.9	179.	42.1	3.101	7.3
%RSD	.11609	.21196	.49358	4.4709	.17206
#1	6811.7	84403.	8486.1	65.798	4263.9
#2	6825.1	84748.	8532.6	71.428	4278.5
#3	6811.2	84661.	8570.1	70.866	4272.7

Sample Name: K2518-05 Acquired: 4/23/2019 17:21:49 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MUDDY-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02338	-.02832	.39291	.04184	.00638	115.62	1.1303
Stddev	.00148	.00315	.00760	.00238	.00048	.59	.0043
%RSD	6.3226	11.140	1.9342	5.6793	7.5539	.50711	.37905

#1	.02212	-.02661	.38797	.04389	.00582	115.48	1.1288
#2	.02501	-.03196	.40166	.04239	.00665	116.27	1.1352
#3	.02300	-.02638	.38910	.03924	.00665	115.12	1.1270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01595	.02332	74.156	.88460	.21795	.64837	239.34
Stddev	.00012	.00089	.365	.00314	.00421	.00692	.61
%RSD	.72879	3.7951	.49247	.35514	1.9318	1.0678	.25309

#1	.01584	.02240	74.332	.88766	.21456	.64103	238.91
#2	.01596	.02416	73.736	.88138	.22266	.65479	240.03
#3	.01607	.02340	74.400	.88475	.21663	.64928	239.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4936	106.22	.40300	-.02626	7.9938	.48336	3.4789
Stddev	.0080	.17	.00721	.00028	.0340	.00476	.0563
%RSD	.31981	.15672	1.7889	1.0820	.42535	.98494	1.6183

#1	2.4989	106.15	.39563	-.02651	7.9702	.48450	3.4269
#2	2.4845	106.41	.41004	-.02595	8.0328	.47814	3.5387
#3	2.4975	106.10	.40332	-.02632	7.9784	.48745	3.4711

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.145	.03783	.18934	F 19.177	5.3567	.05863	F 13.875
Stddev	.147	.00039	.00505	.306	.0586	.00132	.047
%RSD	.24034	1.0425	2.6668	1.5974	1.0933	2.2448	.33973

#1	61.005	.03738	.19070	18.945	5.4101	.05730	13.911
#2	61.298	.03811	.18376	19.524	5.2941	.05866	13.822
#3	61.132	.03800	.19358	19.060	5.3660	.05994	13.893

Sample Name: K2518-05 Acquired: 4/23/2019 17:21:49 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MUDDY-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17499	F 17.80	.00927	<.00000	F<.00000
Stddev	.00112	.30	.00185	.24639	2.5754
%RSD	.63744	1.681	19.936	3.1080	2.2345

#1	.17626	17.57	.01079	-7.8888	-118.23
#2	.17455	18.14	.00722	-8.1911	-113.93
#3	.17417	17.69	.00981	-7.7029	-113.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6825.6	84365.	8532.8	69.851	4307.7
Stddev	21.0	186.	43.1	.356	38.6
%RSD	.30726	.22014	.50516	.51016	.89644

#1	6825.1	84424.	8514.3	69.573	4327.3
#2	6804.8	84157.	8582.1	70.253	4263.3
#3	6846.8	84514.	8502.1	69.728	4332.7

Sample Name: K2522-07 Acquired: 4/23/2019 17:26:12 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-WOODBURY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09632	.01167	.83020	.04306	.00440	128.42	2.9841
Stddev	.00233	.00043	.00195	.00351	.00065	.16	.0102
%RSD	2.4175	3.7022	.23445	8.1429	14.685	.12436	.34282

#1	.09879	.01129	.82923	.04639	.00367	128.36	2.9953
#2	.09599	.01214	.83245	.03940	.00490	128.61	2.9751
#3	.09417	.01157	.82893	.04338	.00464	128.31	2.9820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01480	-.00341	51.322	.24390	.05370	.21807	185.88
Stddev	.00020	.00010	.276	.00147	.00032	.00079	1.28
%RSD	1.3774	2.9854	.53864	.60109	.59130	.36248	.68731

#1	.01477	-.00343	51.417	.24224	.05403	.21722	186.31
#2	.01501	-.00331	51.538	.24503	.05366	.21878	184.44
#3	.01460	-.00351	51.010	.24442	.05340	.21821	186.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3531	24.554	.09512	-.01724	1.5173	.35734	2.7969
Stddev	.0067	.022	.00061	.00057	.0135	.00286	.0013
%RSD	.49272	.08881	.63976	3.3153	.88959	.80049	.04772

#1	1.3498	24.568	.09547	-.01664	1.5063	.35461	2.7980
#2	1.3488	24.529	.09548	-.01731	1.5133	.35709	2.7973
#3	1.3608	24.565	.09442	-.01778	1.5324	.36032	2.7954

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.482	.00299	.17481	2.1655	4.7452	.03068	.82051
Stddev	.064	.00015	.00354	.0161	.0342	.00058	.00255
%RSD	.47436	5.0214	2.0251	.74522	.72139	1.9048	.31075

#1	13.537	.00314	.17621	2.1793	4.7487	.03002	.82340
#2	13.412	.00299	.17744	2.1695	4.7776	.03090	.81858
#3	13.497	.00284	.17079	2.1478	4.7094	.03113	.81954

Sample Name: K2522-07 Acquired: 4/23/2019 17:26:12 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-WOODBURY Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10099	3.942	.05505	<.00000	F<.00000
Stddev	.00116	.003	.00292	.35122	.48090
%RSD	1.1521	.0842	5.3085	40.970	1.2541
#1	.09980	3.938	.05550	-1.0844	-38.648
#2	.10212	3.944	.05773	-1.0347	-38.601
#3	.10105	3.942	.05193	-.45272	-37.792
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5374.3	65554.	6676.5	75.694	4826.6
Stddev	6.2	188.	23.8	.707	1.1
%RSD	.11487	.28649	.35585	.93454	.02228
#1	5379.2	65584.	6683.0	74.918	4826.9
#2	5367.4	65726.	6650.1	76.302	4827.4
#3	5376.4	65354.	6696.3	75.863	4825.4

Sample Name: K2526-01 Acquired: 4/23/2019 17:30:40 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-ROLLOFF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04771	.00861	1.1566	.04588	.01161	70.167	.89108
Stddev	.00094	.00142	.0058	.00255	.00128	.738	.00808
%RSD	1.9762	16.485	.50173	5.5635	11.035	1.0523	.90702

#1	.04789	.00948	1.1499	.04837	.01058	70.996	.90041
#2	.04669	.00937	1.1606	.04601	.01305	69.582	.88613
#3	.04855	.00697	1.1593	.04326	.01121	69.922	.88671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02142	-.00152	143.82	.34882	.17739	2.1112	177.30
Stddev	.00040	.00033	2.61	.00453	.00016	.0039	2.00
%RSD	1.8823	21.450	1.8164	1.2986	.08922	.18498	1.1280

#1	.02188	-.00190	145.80	.35380	.17720	2.1067	179.60
#2	.02111	-.00130	140.86	.34495	.17747	2.1129	176.27
#3	.02128	-.00137	144.81	.34771	.17749	2.1139	176.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3907	25.554	1.1464	-.01248	6.7540	.17779	4.4030
Stddev	.0225	.246	.0021	.00011	.0626	.00222	.0128
%RSD	.94284	.96327	.17924	.88289	.92703	1.2504	.28990

#1	2.4166	25.796	1.1456	-.01237	6.8262	.18036	4.3887
#2	2.3762	25.304	1.1448	-.01259	6.7158	.17651	4.4070
#3	2.3792	25.564	1.1487	-.01249	6.7198	.17651	4.4133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8911	.04222	.31298	F 33.016	2.9679	.30981	1.4439
Stddev	.1253	.00028	.00301	.102	.0861	.00110	.0325
%RSD	1.2672	.66399	.96050	.30826	2.9002	.35608	2.2476

#1	10.024	.04216	.31355	32.903	3.0435	.30989	1.4686
#2	9.7746	.04198	.30973	33.099	2.8742	.30867	1.4072
#3	9.8750	.04253	.31567	33.047	2.9861	.31088	1.4560

Sample Name: K2526-01 Acquired: 4/23/2019 17:30:40 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-ROLLOFF Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12479	3.615	.46430	.92093	F<.00000
Stddev	.00385	.016	.01123	.07746	.88788
%RSD	3.0852	.4294	2.4182	8.4108	2.9663

#1	.12762	3.598	.47212	.86520	-29.102
#2	.12040	3.629	.45144	1.0094	-29.826
#3	.12635	3.617	.46935	.88821	-30.869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5044.0	61681.	6315.3	74.618	4671.6
Stddev	3.6	482.	106.5	.545	2.8
%RSD	.07080	.78082	1.6869	.73030	.06092

#1	5039.9	61130.	6236.9	73.996	4673.5
#2	5045.4	61893.	6436.6	75.014	4673.0
#3	5046.6	62021.	6272.5	74.843	4668.3

Sample Name: K2526-04 Acquired: 4/23/2019 17:34:55 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-72- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03133	.00258	.09471	.01605	.00462	153.34	1.2663	.00985
Stddev	.00647	.00028	.00265	.00130	.00041	.65	.0068	.00009
%RSD	20.666	11.045	2.7993	8.1300	8.9379	.42526	.53439	.87147
#1	.03465	.00276	.09428	.01735	.00416	153.83	1.2740	.00993
#2	.02387	.00273	.09229	.01474	.00472	152.60	1.2611	.00986
#3	.03547	.00225	.09755	.01606	.00497	153.59	1.2639	.00976
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	F 1872.5	.14609	.04961	.12116	111.19	3.1286	425.98
Stddev	.00041	17.5	.00020	.00154	.00399	.39	.0013	.82
%RSD	36.363	.93362	.13950	3.1084	3.2900	.35474	.04002	.19359
#1	-.00145	1853.5	.14595	.04865	.11934	111.58	3.1294	426.71
#2	-.00127	1876.1	.14632	.04878	.11841	110.79	3.1272	425.08
#3	-.00066	1887.8	.14600	.05139	.12573	111.19	3.1293	426.14
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12448	-.00899	3.1989	.17855	.37187	9.4328	.00331	.36687
Stddev	.00363	.00019	.0200	.00126	.01368	.0829	.00007	.01818
%RSD	2.9183	2.1140	.62403	.70700	3.6780	.87841	2.1627	4.9541
#1	.12161	-.00885	3.2068	.17976	.36345	9.4337	.00337	.36011
#2	.12327	-.00921	3.1762	.17724	.36452	9.3496	.00332	.35304
#3	.12856	-.00892	3.2138	.17865	.38766	9.5153	.00323	.38745
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.456	.74412	-.00315	5.3281	.15700	7.471	8.1483	4.4325
Stddev	1.359	.00255	.00221	.0185	.00045	.222	.0106	.1186
%RSD	3.5330	.34250	70.018	.34802	.28688	2.965	.13040	2.6747
#1	37.668	.74214	-.00527	5.3162	.15653	7.352	8.1366	4.3030
#2	37.676	.74322	-.00331	5.3186	.15705	7.333	8.1511	4.5358
#3	40.025	.74700	-.00087	5.3494	.15743	7.726	8.1573	4.4585

Sample Name: K2526-04 Acquired: 4/23/2019 17:34:55 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-72- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	20.455
Stddev	.770
%RSD	3.7652

#1	20.981
#2	19.571
#3	20.812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4169.5	52786.	5833.2	64.290	3547.0
Stddev	111.5	144.	15.7	1.366	109.0
%RSD	2.6748	.27259	.26974	2.1251	3.0725

#1	4238.4	52624.	5822.2	65.546	3635.5
#2	4229.3	52837.	5851.2	62.835	3580.3
#3	4040.9	52898.	5826.2	64.488	3425.3

Sample Name: CCV06 Acquired: 4/23/2019 17:39:40 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14871 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8284	4.9565	4.7841	4.9832	4.7710	9.9455	10.283	.24906
Stddev	.0019	.0169	.0115	.0047	.0017	.0456	.068	.00023
%RSD	.03981	.34131	.24054	.09370	.03572	.45834	.65850	.09211
#1	4.8306	4.9744	4.7914	4.9880	4.7728	9.9145	10.326	.24879
#2	4.8271	4.9546	4.7900	4.9829	4.7694	9.9979	10.205	.24919
#3	4.8274	4.9407	4.7708	4.9787	4.7708	9.9242	10.317	.24919
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4204	25.349	1.0036	2.4590	1.2480	5.0373	2.5081	24.874
Stddev	.0028	.116	.0032	.0036	.0010	.0051	.0031	.181
%RSD	.11476	.45765	.32170	.14558	.08264	.10108	.12512	.72951
#1	2.4221	25.267	1.0051	2.4594	1.2476	5.0315	2.5046	24.744
#2	2.4220	25.297	.99986	2.4624	1.2492	5.0410	2.5093	25.081
#3	2.4172	25.482	1.0058	2.4553	1.2473	5.0395	2.5105	24.796
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5023	1.2495	25.464	2.5358	2.4599	25.997	4.9486	5.2672
Stddev	.0036	.0017	.186	.0014	.0045	.285	.0050	.0454
%RSD	.14560	.13455	.73231	.05367	.18179	1.0944	.10195	.86153
#1	2.5031	1.2499	25.374	2.5351	2.4645	25.855	4.9455	5.2650
#2	2.5055	1.2476	25.678	2.5374	2.4598	26.324	4.9544	5.3136
#3	2.4984	1.2509	25.339	2.5350	2.4556	25.811	4.9459	5.2229
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3987	4.8707	5.0666	5.1213	4.8358	5.159	5.0666	F 3.2663
Stddev	.0183	.0354	.0076	.0136	.0083	.017	.0126	.0863
%RSD	.33883	.72751	.15071	.26632	.17076	.3190	.24906	2.6434
#1	5.4198	4.8673	5.0663	5.1057	4.8309	5.173	5.0524	3.1831
#2	5.3889	4.8370	5.0743	5.1272	4.8311	5.163	5.0767	3.2603
#3	5.3873	4.9077	5.0591	5.1309	4.8453	5.141	5.0706	3.3555

Sample Name: CCV06 Acquired: 4/23/2019 17:39:40 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14871 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1545
Stddev	1.4981
%RSD	69.532

#1	.57571
#2	3.5561
#3	2.3317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4810.8	58587.	5741.8	72.265	4730.7
Stddev	1.9	145.	22.8	.299	8.0
%RSD	.04023	.24732	.39676	.41434	.16832

#1	4808.9	58523.	5731.3	72.348	4721.5
#2	4812.8	58485.	5767.9	71.933	4735.3
#3	4810.6	58753.	5726.2	72.515	4735.3

Sample Name: CCB06 Acquired: 4/23/2019 17:43:41 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14871 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00020	.00006	.00056	.00409	-.01232	.00140	-.00001
Stddev	.00078	.00119	.00033	.00164	.00161	.00347	.00030	.00005
%RSD	69.371	590.57	517.49	291.33	39.391	28.159	21.176	706.49

#1	-.00166	-.00157	.00003	-.00094	.00592	-.01618	.00166	-.00002
#2	-.00023	.00066	.00042	.00231	.00348	-.00947	.00145	-.00005
#3	-.00147	.00030	-.00025	.00032	.00288	-.01131	.00108	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00566	-.00028	.00013	-.00041	.00022	.00002	-.02933
Stddev	.00003	.00605	.00022	.00021	.00015	.00030	.00004	.01718
%RSD	63.232	106.89	77.881	157.34	37.097	139.90	183.85	58.566

#1	.00006	.01188	-.00031	-.00009	-.00055	.00041	.00001	-.03266
#2	.00002	-.00019	-.00048	.00017	-.00044	-.00013	.00007	-.04461
#3	.00008	.00528	-.00005	.00033	-.00025	.00038	-.00001	-.01074

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.00041	-.01506	.00008	.00019	.05284	.00055	.00220
Stddev	.00045	.00013	.00380	.00032	.00013	.00890	.00007	.00371
%RSD	102.79	30.741	25.263	421.15	67.740	16.846	13.107	168.78

#1	-.00008	-.00034	-.01688	-.00003	.00032	.06092	.00061	.00519
#2	.00075	-.00033	-.01760	.00044	.00018	.04330	.00055	-.00195
#3	.00063	-.00055	-.01068	-.00018	.00007	.05429	.00047	.00335

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .14392	-.00229	.00052	-.00060	-.00053	.0012	.00017	F 1.7062
Stddev	.00362	.00095	.00054	.00205	.00101	.0015	.00002	.0493
%RSD	2.5183	41.450	104.20	343.67	192.06	124.7	13.398	2.8902

#1	.14203	-.00126	.00112	-.00026	.00063	-.0003	.00020	1.7631
#2	.14810	-.00250	.00035	.00126	-.00125	.0013	.00016	1.6788
#3	.14164	-.00313	.00008	-.00279	-.00096	.0027	.00016	1.6766

Sample Name: CCB06 Acquired: 4/23/2019 17:43:41 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14871 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .65805
Stddev	.44734
%RSD	67.979

#1	.98885
#2	.83622
#3	.14909

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5074.0	61969.	5910.8	74.989	5447.4
Stddev	9.1	231.	26.2	.360	15.2
%RSD	.17878	.37211	.44374	.48070	.27986

#1	5063.7	61702.	5914.7	74.611	5430.0
#2	5080.8	62095.	5882.8	75.025	5458.5
#3	5077.5	62108.	5934.9	75.330	5453.6

Sample Name: K2528-01 Acquired: 4/23/2019 17:48:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37619	.01053	.52709	.02955	.03029	77.049	1.4463	.01067
Stddev	.00640	.00241	.00236	.00488	.00137	.409	.0107	.00017
%RSD	1.7003	22.916	.44764	16.511	4.5193	.53019	.74084	1.5996
#1	.37152	.01323	.52603	.03412	.03037	77.457	1.4542	.01086
#2	.38348	.00859	.52545	.03012	.02889	76.639	1.4341	.01054
#3	.37357	.00976	.52979	.02441	.03162	77.052	1.4506	.01061
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01744	F 2981.8	.10247	.11720	.46323	199.97	13.688	1155.6
Stddev	.00013	35.5	.00059	.00060	.00122	.53	.068	6.2
%RSD	.72356	1.1903	.57632	.51325	.26279	.26676	.49438	.54053
#1	.01732	2971.7	.10291	.11652	.46212	200.42	13.655	1160.2
#2	.01757	3021.2	.10180	.11764	.46453	199.38	13.644	1148.5
#3	.01743	2952.4	.10269	.11745	.46303	200.12	13.766	1158.1
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18006	-.02093	4.7382	.29170	5.4777	16.907	.00325	.27434
Stddev	.00094	.00015	.0249	.00075	.0201	.101	.00066	.01545
%RSD	.52139	.72601	.52562	.25568	.36678	.59597	20.422	5.6312
#1	.18023	-.02090	4.7536	.29186	5.4913	16.977	.00338	.29203
#2	.18090	-.02109	4.7095	.29088	5.4546	16.791	.00253	.26350
#3	.17905	-.02079	4.7514	.29235	5.4872	16.952	.00384	.26749
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.113	2.7931	.09074	4.2750	.32895	7.697	6.0552	3.1156
Stddev	.112	.0586	.00072	.0533	.00216	.019	.1487	.1728
%RSD	.52853	2.0977	.79818	1.2468	.65778	.2481	2.4562	5.5474
#1	21.154	2.8587	.09157	4.3353	.33124	7.709	6.1830	2.9238
#2	20.987	2.7458	.09045	4.2343	.32694	7.675	5.8919	3.1638
#3	21.198	2.7749	.09021	4.2555	.32866	7.707	6.0906	3.2593

Sample Name: K2528-01 Acquired: 4/23/2019 17:48:09 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S042219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.835
Stddev	5.536
%RSD	34.958

#1	20.089
#2	17.840
#3	9.5766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4302.1	55057.	6243.6	60.481	3168.8
Stddev	6.1	165.	82.7	.856	8.8
%RSD	.14181	.29903	1.3252	1.4150	.27847

#1	4304.1	54924.	6157.9	61.417	3159.9
#2	4295.3	55241.	6323.0	60.287	3177.5
#3	4307.0	55007.	6249.8	59.739	3169.0

Sample Name: K2529-01 Acquired: 4/23/2019 17:52:53 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P3P4042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01729	-.00105	.08142	.04624	.00739	110.23	.61042
Stddev	.00273	.00039	.00135	.00236	.00078	.20	.00031
%RSD	15.797	36.831	1.6620	5.1022	10.547	.17928	.05019

#1	.01575	-.00146	.08296	.04463	.00794	110.11	.61040
#2	.02044	-.00068	.08087	.04895	.00650	110.45	.61073
#3	.01567	-.00103	.08042	.04514	.00774	110.11	.61012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01336	-.00347	53.732	.19319	.14296	.39670	216.30
Stddev	.00016	.00002	.204	.00136	.00048	.00070	.65
%RSD	1.1855	.44119	.38011	.70225	.33348	.17650	.30041

#1	.01318	-.00346	53.903	.19172	.14331	.39750	216.55
#2	.01349	-.00347	53.506	.19344	.14315	.39644	215.56
#3	.01340	-.00349	53.787	.19440	.14242	.39617	216.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4233	92.677	.23656	-.01991	2.4108	.35428	.51772
Stddev	.0211	.304	.00064	.00036	.0100	.00140	.00033
%RSD	.61539	.32856	.27074	1.7949	.41321	.39648	.06405

#1	3.4122	92.364	.23713	-.02009	2.3993	.35271	.51802
#2	3.4476	92.972	.23668	-.01950	2.4162	.35542	.51736
#3	3.4101	92.696	.23586	-.02015	2.4169	.35471	.51779

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.435	.00360	.16422	7.5225	3.2119	.01176	6.5415
Stddev	.084	.00025	.01300	.0507	.0403	.00034	.0305
%RSD	.27465	6.9346	7.9172	.67408	1.2544	2.8770	.46619

#1	30.460	.00336	.17034	7.5802	3.2530	.01138	6.5747
#2	30.504	.00386	.17302	7.4848	3.1725	.01200	6.5148
#3	30.342	.00360	.14928	7.5025	3.2101	.01191	6.5350

Sample Name: K2529-01 Acquired: 4/23/2019 17:52:53 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P3P4042219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20080	9.406	-.14618	<.00000	F<.00000
Stddev	.00068	.023	.00088	.11931	1.4326
%RSD	.33677	.2463	.60045	6.1704	2.3646

#1	.20157	9.426	-.14627	-1.8244	-60.637
#2	.20028	9.380	-.14526	-2.0609	-61.991
#3	.20057	9.410	-.14701	-1.9152	-59.127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5519.1	68126.	6889.9	73.074	4601.6
Stddev	8.4	89.	24.9	.307	5.8
%RSD	.15234	.13074	.36078	.41956	.12682

#1	5519.0	68198.	6867.7	72.874	4602.5
#2	5527.5	68027.	6916.7	73.427	4607.0
#3	5510.7	68154.	6885.1	72.920	4595.4

Sample Name: K2530-01 Acquired: 4/23/2019 17:57:27 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-MANAGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09745	.00144	.32325	.02361	.00536	183.49	4.9479	.01194
Stddev	.00316	.00201	.00071	.00164	.00143	7.72	.2225	.00073
%RSD	3.2403	139.37	.21942	6.9647	26.585	4.2092	4.4974	6.1333
#1	.09465	.00267	.32259	.02274	.00701	188.53	5.0897	.01246
#2	.09682	.00254	.32316	.02551	.00456	187.33	5.0626	.01225
#3	.10087	-.00088	.32400	.02259	.00452	174.59	4.6915	.01110
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	F 2157.8	.94442	.06703	.52102	130.19	4.1321	413.95
Stddev	.00062	20.2	.04522	.00046	.00358	5.45	.1723	17.87
%RSD	51.496	.93705	4.7885	.68990	.68751	4.1894	4.1697	4.3162
#1	.00099	2181.0	.96885	.06659	.51969	132.97	4.2458	425.68
#2	.00073	2144.3	.97219	.06751	.51829	133.69	4.2167	422.79
#3	.00191	2148.0	.89224	.06700	.52508	123.90	3.9339	393.39
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39951	-.00919	8.0627	.74520	1.3326	23.442	.07349	.60424
Stddev	.00171	.00112	.3781	.03576	.0032	1.017	.00062	.01360
%RSD	.42817	12.138	4.6893	4.7993	.24211	4.3397	.84705	2.2513
#1	.39801	-.01045	8.3241	.76329	1.3291	24.069	.07305	.61970
#2	.39916	-.00880	8.2348	.76830	1.3331	23.989	.07322	.59411
#3	.40137	-.00833	7.6292	.70400	1.3355	22.268	.07420	.59890
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.216	.75278	.00605	8.8341	.20895	8.642	4.8201	3.4871
Stddev	.240	.00625	.00060	.0035	.00094	.036	.0045	.3488
%RSD	.27205	.82989	9.8524	.03978	.45044	.4116	.09282	10.002
#1	87.945	.75353	.00622	8.8379	.20787	8.611	4.8190	3.7293
#2	88.303	.75861	.00654	8.8337	.20962	8.633	4.8163	3.6448
#3	88.400	.74619	.00539	8.8309	.20936	8.681	4.8251	3.0873

Sample Name: K2530-01 Acquired: 4/23/2019 17:57:27 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WASTE-MANAGE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.144
Stddev	3.403
%RSD	17.774

#1	22.998
#2	16.554
#3	17.881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4297.2	54466.	5956.6	63.127	3511.5
Stddev	3.3	2192.	29.4	.806	6.0
%RSD	.07647	4.0241	.49379	1.2774	.17031

#1	4293.8	53050.	5971.2	63.368	3511.6
#2	4297.2	53358.	5975.9	63.786	3505.4
#3	4300.4	56991.	5922.8	62.228	3517.4

Sample Name: K2530-03 Acquired: 4/23/2019 18:02:07 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05010	-.00124	.30049	.01871	-.00057	168.75	1.6895	.01319
Stddev	.00194	.00062	.00056	.00094	.00356	.26	.0040	.00017
%RSD	3.8692	49.914	.18549	5.0411	623.28	.15444	.23383	1.3164
#1	.05157	-.00127	.30113	.01786	-.00448	168.62	1.6939	.01303
#2	.04790	-.00060	.30015	.01972	.00027	168.58	1.6862	.01316
#3	.05081	-.00184	.30018	.01854	.00249	169.05	1.6883	.01338
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	1521.1	1.4494	.03968	.36280	88.678	6.1780	117.21
Stddev	.00003	12.5	.0029	.00044	.00157	.580	.0299	.37
%RSD	17.084	.82095	.19968	1.1083	.43216	.65429	.48440	.31891
#1	.00016	1507.6	1.4460	.03994	.36112	89.225	6.1915	117.61
#2	.00016	1532.3	1.4506	.03917	.36307	88.070	6.1988	117.15
#3	.00021	1523.2	1.4514	.03993	.36422	88.739	6.1437	116.87
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35814	-.00319	7.3954	.71367	.69452	21.974	.06306	.25082
Stddev	.00200	.00052	.0034	.00539	.00353	.150	.00059	.02078
%RSD	.55735	16.253	.04565	.75458	.50884	.68140	.93131	8.2831
#1	.35794	-.00275	7.3990	.70935	.69581	22.101	.06321	.25115
#2	.35626	-.00307	7.3924	.71196	.69052	22.013	.06242	.27143
#3	.36023	-.00376	7.3947	.71970	.69723	21.809	.06357	.22988
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 64.146	.71615	.00549	8.0919	.17684	2.012	1.4466	3.4927
Stddev	.265	.00422	.00219	.0430	.00076	.012	.0096	.1600
%RSD	.41290	.58874	39.847	.53205	.43217	.6084	.66495	4.5817
#1	64.243	.71182	.00514	8.0685	.17609	2.009	1.4425	3.6641
#2	63.847	.72024	.00350	8.1416	.17762	2.001	1.4576	3.4668
#3	64.349	.71638	.00783	8.0657	.17681	2.025	1.4398	3.3472

Sample Name: K2530-03 Acquired: 4/23/2019 18:02:07 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.084
Stddev	1.679
%RSD	11.919

#1	12.276
#2	15.594
#3	14.381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4614.4	56811.	6254.7	67.885	3818.3
Stddev	8.5	164.	27.6	1.911	18.2
%RSD	.18403	.28787	.44202	2.8154	.47607

#1	4616.8	56640.	6258.4	69.252	3817.0
#2	4621.4	56967.	6225.4	65.701	3837.1
#3	4604.9	56825.	6280.4	68.701	3800.8

Sample Name: K2532-03 Acquired: 4/23/2019 18:06:50 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03959	.00841	.21966	.05429	.01022	191.63	.75736
Stddev	.00349	.00129	.00067	.00211	.00069	.04	.00060
%RSD	8.8218	15.322	.30658	3.8945	6.7532	.02186	.07908

#1	.03697	.00877	.22044	.05261	.00968	191.63	.75667
#2	.03825	.00947	.21924	.05358	.00998	191.58	.75762
#3	.04356	.00698	.21930	.05666	.01100	191.67	.75778

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02092	-.00031	24.310	.21454	.17354	.31020	283.32
Stddev	.00031	.00019	.068	.00139	.00083	.00105	1.05
%RSD	1.4739	59.590	.27972	.64667	.47598	.34006	.37148

#1	.02059	-.00010	24.376	.21470	.17400	.31126	282.26
#2	.02096	-.00046	24.240	.21308	.17259	.30915	284.37
#3	.02121	-.00037	24.313	.21585	.17404	.31018	283.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5522	55.387	.24707	-.03383	3.1875	.55387	.73187
Stddev	.0179	.218	.00151	.00026	.0121	.00067	.00144
%RSD	.27240	.39275	.60959	.77359	.37868	.12050	.19718

#1	6.5459	55.311	.24824	-.03366	3.1743	.55310	.73352
#2	6.5724	55.632	.24537	-.03369	3.1903	.55423	.73124
#3	6.5384	55.218	.24760	-.03413	3.1979	.55427	.73084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3289	.00255	.17372	.87198	3.8857	.01442	3.4104
Stddev	.0331	.00017	.01158	.00708	.0576	.00078	.0082
%RSD	.45121	6.7104	6.6668	.81249	1.4832	5.3794	.23991

#1	7.3591	.00238	.18656	.87283	3.9057	.01433	3.4012
#2	7.3340	.00272	.16406	.86451	3.8208	.01369	3.4132
#3	7.2936	.00254	.17055	.87860	3.9307	.01524	3.4169

Sample Name: K2532-03 Acquired: 4/23/2019 18:06:50 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20131	9.414	-.20782	<.00000	F<.00000
Stddev	.00134	.037	.00127	.09702	2.6365
%RSD	.66631	.3952	.60911	2.8064	2.7269
#1	.20157	9.449	-.20672	-3.3544	-99.666
#2	.19986	9.375	-.20920	-3.4702	-94.666
#3	.20251	9.418	-.20753	-3.5471	-95.718
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5679.8	69154.	7039.6	73.412	4615.7
Stddev	1.5	157.	23.1	1.192	1.8
%RSD	.02653	.22665	.32755	1.6232	.03821
#1	5679.5	69056.	7014.5	72.427	4615.7
#2	5681.4	69071.	7059.7	74.737	4617.4
#3	5678.4	69335.	7044.7	73.073	4613.9

Sample Name: K2532-07 Acquired: 4/23/2019 18:11:23 Type: Unk
Method: P4-ICP2(v3065) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03260	.00901	.42159	.05548	.00827	150.15	.92038
Stddev	.00210	.00068	.00234	.00289	.00128	.50	.00178
%RSD	6.4531	7.6025	.55595	5.2065	15.535	.33565	.19347

#1	.03453	.00899	.42430	.05429	.00975	150.50	.92116
#2	.03290	.00970	.42018	.05877	.00742	149.58	.91834
#3	.03036	.00833	.42030	.05338	.00765	150.38	.92164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01907	.00132	20.894	.18866	.14552	.22056	248.40
Stddev	.00033	.00021	.069	.00126	.00113	.00105	.97
%RSD	1.7477	15.853	.32906	.66702	.77360	.47595	.38937

#1	.01910	.00156	20.901	.18842	.14682	.22176	249.12
#2	.01939	.00115	20.822	.19002	.14485	.21981	248.77
#3	.01873	.00127	20.958	.18754	.14489	.22011	247.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.357	39.871	.21016	-.02728	5.3374	.56249	.73378
Stddev	.051	.213	.00239	.00056	.0113	.00334	.00088
%RSD	.49092	.53485	1.1384	2.0386	.21163	.59317	.12024

#1	10.319	40.036	.21262	-.02792	5.3395	.56627	.73464
#2	10.337	39.630	.20785	-.02703	5.3252	.56120	.73287
#3	10.415	39.947	.21000	-.02690	5.3475	.55998	.73384

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9455	.00233	.16377	1.5983	4.0558	.01388	2.2079
Stddev	.0218	.00016	.01203	.0147	.0658	.00113	.0012
%RSD	.36726	6.9518	7.3442	.92144	1.6224	8.1159	.05543

#1	5.9687	.00215	.16750	1.6146	4.1121	.01484	2.2078
#2	5.9254	.00241	.15032	1.5945	4.0718	.01264	2.2067
#3	5.9422	.00244	.17349	1.5858	3.9835	.01415	2.2092

Sample Name: K2532-07 Acquired: 4/23/2019 18:11:23 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16217	6.455	-.14037	<.00000	F<.00000
Stddev	.00079	.053	.00119	.33934	1.4078
%RSD	.48796	.8174	.84530	8.8636	1.7620
#1	.16268	6.512	-.14133	-4.1766	-81.488
#2	.16258	6.408	-.14074	-3.8100	-78.809
#3	.16126	6.445	-.13904	-3.4987	-79.399
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5818.3	70713.	7215.4	73.185	4599.0
Stddev	2.5	203.	27.8	.602	4.5
%RSD	.04260	.28764	.38460	.82262	.09830
#1	5815.5	70498.	7185.3	73.023	4601.2
#2	5819.7	70740.	7220.8	73.851	4602.0
#3	5819.8	70902.	7240.0	72.680	4593.8

Sample Name: K2532-11 Acquired: 4/23/2019 18:15:58 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02232	.00845	.14328	.05211	.01135	146.45	.70819
Stddev	.00131	.00062	.00132	.00323	.00060	.34	.00119
%RSD	5.8515	7.3725	.92016	6.2002	5.2796	.22924	.16850

#1	.02262	.00917	.14184	.05204	.01069	146.06	.70808
#2	.02089	.00816	.14355	.05538	.01150	146.61	.70943
#3	.02345	.00802	.14443	.04892	.01187	146.66	.70705

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01709	-.00250	18.676	.19684	.12836	.24137	255.01
Stddev	.00010	.00007	.151	.00071	.00084	.00107	.95
%RSD	.60987	2.7791	.80985	.36313	.65456	.44325	.37343

#1	.01720	-.00254	18.789	.19602	.12745	.24029	254.14
#2	.01707	-.00254	18.735	.19733	.12851	.24138	256.03
#3	.01699	-.00242	18.504	.19717	.12911	.24243	254.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7446	54.547	.24373	-.02684	5.2282	.46780	.62451
Stddev	.0131	.180	.00138	.00067	.0089	.00347	.00058
%RSD	.22801	.32973	.56687	2.4946	.17107	.74250	.09286

#1	5.7422	54.651	.24231	-.02747	5.2201	.47055	.62408
#2	5.7588	54.340	.24379	-.02613	5.2378	.46390	.62430
#3	5.7330	54.652	.24507	-.02692	5.2267	.46896	.62517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1159	.00053	.17253	.95959	2.7538	.00977	3.5112
Stddev	.0173	.00017	.00441	.00781	.0280	.00146	.0029
%RSD	.21291	32.566	2.5578	.81382	1.0169	14.917	.08168

#1	8.1061	.00052	.17754	.95193	2.7700	.01058	3.5086
#2	8.1058	.00036	.17083	.95929	2.7700	.00809	3.5142
#3	8.1359	.00070	.16923	.96754	2.7215	.01065	3.5107

Sample Name: K2532-11 Acquired: 4/23/2019 18:15:58 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18065	7.707	-.19457	<.00000	F<.00000
Stddev	.00137	.032	.00097	.15145	.60294
%RSD	.76099	.4117	.49764	5.5358	.80603
#1	.17910	7.671	-.19373	-2.8994	-75.489
#2	.18174	7.716	-.19563	-2.6004	-74.569
#3	.18109	7.733	-.19437	-2.7079	-74.354
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5535.9	67580.	6887.2	74.596	4676.2
Stddev	8.4	151.	90.4	3.139	4.9
%RSD	.15245	.22396	1.3123	4.2083	.10454
#1	5544.2	67530.	6819.1	72.738	4681.8
#2	5527.3	67460.	6852.7	72.831	4673.2
#3	5536.0	67750.	6989.7	78.221	4673.6

Sample Name: K2532-15 Acquired: 4/23/2019 18:20:32 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03052	.01257	.63281	.05479	.01068	198.86	1.2700
Stddev	.00312	.00013	.00098	.00323	.00089	.58	.0068
%RSD	10.239	1.0720	.15537	5.8898	8.3225	.29323	.53262

#1	.02941	.01265	.63198	.05191	.00965	198.19	1.2626
#2	.02810	.01263	.63256	.05418	.01119	199.25	1.2715
#3	.03405	.01241	.63389	.05828	.01118	199.14	1.2759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02061	.00012	18.412	.18883	.11706	.37224	266.41
Stddev	.00030	.00011	.048	.00044	.00033	.00176	.54
%RSD	1.4524	93.640	.25881	.23243	.27907	.47187	.20393

#1	.02071	.00011	18.360	.18923	.11675	.37181	267.02
#2	.02084	.00023	18.424	.18889	.11740	.37416	265.99
#3	.02027	.00001	18.453	.18836	.11703	.37073	266.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8418	43.622	.21774	-.02837	1.1658	.44933	1.2738
Stddev	.0351	.445	.00047	.00051	.0112	.00052	.0013
%RSD	.51284	1.0193	.21592	1.7955	.95886	.11643	.09855

#1	6.8305	43.253	.21808	-.02821	1.1529	.44916	1.2747
#2	6.8138	43.498	.21794	-.02797	1.1710	.44992	1.2723
#3	6.8812	44.116	.21720	-.02894	1.1734	.44891	1.2742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1814	.00189	.16497	1.8642	7.2342	.05940	1.8440
Stddev	.0288	.00006	.00637	.0057	.0484	.00050	.0056
%RSD	.46525	3.1680	3.8623	.30356	.66866	.84295	.30248

#1	6.1836	.00195	.16923	1.8578	7.2740	.05931	1.8445
#2	6.1516	.00183	.16803	1.8663	7.2483	.05993	1.8493
#3	6.2090	.00190	.15764	1.8686	7.1804	.05894	1.8382

Sample Name: K2532-15 Acquired: 4/23/2019 18:20:32 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16294	F 11.39	-.17929	<.00000	F<.00000
Stddev	.00126	.04	.00060	.21207	1.9463
%RSD	.77209	.3380	.33199	6.9313	2.2805
#1	.16289	11.39	-.17986	-3.0541	-83.581
#2	.16422	11.35	-.17867	-3.2744	-87.434
#3	.16171	11.43	-.17934	-2.8504	-85.026
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5673.1	69117.	7080.3	74.356	4663.0
Stddev	3.5	85.	23.0	1.693	7.3
%RSD	.06122	.12350	.32450	2.2763	.15558
#1	5669.8	69018.	7070.9	74.690	4656.1
#2	5672.7	69168.	7063.6	72.521	4670.6
#3	5676.7	69163.	7106.5	75.857	4662.3

Sample Name: K2532-19 Acquired: 4/23/2019 18:25:06 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03915	.00913	.17041	.04889	.00844	154.63	.39939
Stddev	.00227	.00134	.00142	.00388	.00149	1.22	.00484
%RSD	5.7882	14.703	.83239	7.9270	17.602	.78599	1.2121

#1	.03832	.00768	.17186	.04550	.00821	153.28	.39381
#2	.04172	.01032	.17034	.05312	.00708	154.97	.40189
#3	.03742	.00938	.16902	.04807	.01003	155.64	.40247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01599	-.00350	11.681	.15801	.10770	.19875	236.58
Stddev	.00019	.00015	.096	.00163	.00008	.00103	.68
%RSD	1.1865	4.1971	.82284	1.0314	.07384	.51820	.28601

#1	.01578	-.00343	11.702	.15628	.10776	.19993	235.88
#2	.01605	-.00340	11.765	.15951	.10761	.19806	236.64
#3	.01614	-.00367	11.576	.15825	.10774	.19825	237.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6267	56.228	.21104	-.02376	2.0116	.32107	.64314
Stddev	.0303	.667	.00054	.00081	.0209	.00145	.00222
%RSD	.65418	1.1857	.25821	3.4262	1.0410	.45215	.34548

#1	4.5935	55.459	.21167	-.02410	1.9907	.31940	.64313
#2	4.6527	56.651	.21070	-.02435	2.0116	.32179	.64537
#3	4.6339	56.573	.21075	-.02283	2.0326	.32202	.64093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4461	.00110	.17004	.89181	4.7844	.01011	2.4205
Stddev	.0459	.00019	.01621	.00691	.0053	.00093	.0049
%RSD	.71139	16.918	9.5318	.77455	.11068	9.1622	.20379

#1	6.3988	.00113	.18597	.89791	4.7857	.01035	2.4193
#2	6.4904	.00127	.17059	.89322	4.7890	.00908	2.4259
#3	6.4491	.00090	.15356	.88431	4.7786	.01089	2.4163

Sample Name: K2532-19 Acquired: 4/23/2019 18:25:06 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18002	7.255	-.20956	<.00000	F<.00000
Stddev	.00049	.031	.00083	.27035	2.8047
%RSD	.27267	.4260	.39613	15.275	4.2773
#1	.18047	7.290	-.20890	-2.0779	-66.022
#2	.18009	7.243	-.20928	-1.6598	-62.570
#3	.17950	7.232	-.21049	-1.5719	-68.125
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5461.8	66915.	6789.3	74.812	4729.5
Stddev	13.9	348.	60.1	1.294	12.8
%RSD	.25515	.51961	.88469	1.7293	.27097
#1	5467.1	67289.	6756.5	73.519	4731.9
#2	5446.0	66601.	6752.8	74.811	4715.7
#3	5472.3	66856.	6858.6	76.106	4741.0

Sample Name: K2532-23 Acquired: 4/23/2019 18:29:40 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05527	.01569	.25901	.06345	.01350	230.27	1.4437
Stddev	.00412	.00038	.00192	.00253	.00081	1.64	.0080
%RSD	7.4629	2.4080	.74141	3.9868	6.0036	.71098	.55291

#1	.05053	.01528	.25991	.06054	.01273	229.80	1.4451
#2	.05727	.01603	.25680	.06466	.01343	228.92	1.4351
#3	.05801	.01575	.26031	.06515	.01434	232.09	1.4508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02932	.00633	28.146	.30969	.20433	.25858	332.48
Stddev	.00018	.00038	.162	.00101	.00086	.00058	2.10
%RSD	.62968	5.9611	.57598	.32713	.42032	.22517	.63286

#1	.02924	.00636	28.233	.31086	.20397	.25794	330.90
#2	.02918	.00669	28.245	.30911	.20371	.25874	331.67
#3	.02953	.00594	27.958	.30911	.20531	.25907	334.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.894	40.755	.23397	-.04757	1.3045	.96037	.73355
Stddev	.049	.125	.00081	.00071	.0092	.00141	.00200
%RSD	.44607	.30734	.34658	1.4951	.70409	.14677	.27307

#1	10.850	40.688	.23343	-.04754	1.2976	.96190	.73567
#2	10.886	40.900	.23358	-.04829	1.3010	.95912	.73329
#3	10.947	40.678	.23490	-.04687	1.3150	.96008	.73169

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5398	.00806	.16155	1.9655	4.4744	.01626	1.8260
Stddev	.0527	.00027	.02043	.0194	.0551	.00038	.0031
%RSD	1.1615	3.3600	12.649	.98580	1.2325	2.3289	.16824

#1	4.5586	.00794	.17110	1.9505	4.5021	.01594	1.8226
#2	4.4802	.00837	.13808	1.9586	4.5103	.01617	1.8286
#3	4.5805	.00787	.17546	1.9874	4.4109	.01668	1.8268

Sample Name: K2532-23 Acquired: 4/23/2019 18:29:40 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20055	5.164	-.22264	<.00000	F<.00000
Stddev	.00120	.012	.00218	.23971	5.3441
%RSD	.60081	.2377	.98084	4.1826	3.2803
#1	.19953	5.162	-.22115	-5.4677	-164.11
#2	.20023	5.153	-.22163	-5.7895	-167.56
#3	.20188	5.177	-.22515	-5.9364	-157.08
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6159.5	75304.	7770.7	73.358	4501.6
Stddev	7.7	279.	33.0	1.361	8.7
%RSD	.12571	.36989	.42434	1.8553	.19228
#1	6158.3	75313.	7738.1	72.904	4495.5
#2	6152.5	75578.	7770.0	74.887	4497.7
#3	6167.8	75021.	7804.0	72.281	4511.5

Sample Name: CCV07 Acquired: 4/23/2019 18:34:14 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8282	4.9548	4.7604	4.9883	4.7953	9.8343	10.161
Stddev	.0040	.0080	.0014	.0061	.0026	.0477	.029
%RSD	.08351	.16105	.03053	.12287	.05389	.48532	.29026

#1	4.8328	4.9463	4.7619	4.9864	4.7949	9.8006	10.143
#2	4.8265	4.9622	4.7601	4.9833	4.7981	9.8134	10.145
#3	4.8253	4.9558	4.7591	4.9952	4.7930	9.8889	10.195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24713	2.4112	24.786	.98771	2.4034	1.2197	4.9782
Stddev	.00064	.0022	.058	.00207	.0013	.0022	.0099
%RSD	.25873	.09182	.23373	.20929	.05588	.17935	.19822

#1	.24639	2.4119	24.720	.98567	2.4028	1.2210	4.9791
#2	.24748	2.4129	24.828	.98981	2.4049	1.2209	4.9876
#3	.24752	2.4087	24.809	.98765	2.4024	1.2172	4.9680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4644	24.674	2.4492	1.2287	25.196	2.5047	2.3719
Stddev	.0050	.113	.0024	.0008	.069	.0033	.0031
%RSD	.20481	.45891	.09745	.06815	.27197	.13342	.12921

#1	2.4625	24.660	2.4475	1.2291	25.116	2.5041	2.3729
#2	2.4701	24.794	2.4519	1.2293	25.236	2.5083	2.3744
#3	2.4605	24.568	2.4481	1.2277	25.234	2.5017	2.3685

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.795	4.8093	5.1749	5.1720	4.7357	4.8635	4.8770
Stddev	.038	.0046	.0347	.0187	.0230	.0094	.0180
%RSD	.14819	.09508	.67123	.36178	.48604	.19326	.36891

#1	25.783	4.8145	5.1627	5.1504	4.7134	4.8662	4.8586
#2	25.838	4.8074	5.2141	5.1841	4.7343	4.8712	4.8945
#3	25.764	4.8060	5.1480	5.1814	4.7594	4.8530	4.8778

Sample Name: CCV07 Acquired: 4/23/2019 18:34:14 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14873 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7020	5.090	4.9475	F 3.1620	F<.00000
Stddev	.0393	.011	.0303	.1532	2.9393
%RSD	.83468	.2099	.61339	4.8441	662.02

#1	4.6612	5.079	4.9140	3.3388	1.8487
#2	4.7053	5.100	4.9554	3.0689	.57691
#3	4.7395	5.089	4.9732	3.0784	-3.7576

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4899.3	59635.	5922.8	73.670	4829.9
Stddev	11.7	79.	24.4	.295	7.2
%RSD	.23907	.13198	.41148	.40096	.14962

#1	4886.1	59714.	5944.5	73.992	4823.7
#2	4903.3	59635.	5927.5	73.608	4828.2
#3	4908.5	59557.	5896.4	73.411	4837.8

Sample Name: CCB07 Acquired: 4/23/2019 18:38:20 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14873 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	.00116	.00014	.00117	.00088	-.01371	.00132	.00005
Stddev	.00287	.00003	.00019	.00222	.00096	.00883	.00038	.00009
%RSD	256.79	2.5114	130.27	189.64	109.07	64.367	28.639	173.32
#1	.00193	.00118	.00007	-.00056	.00163	-.02351	.00118	.00006
#2	-.00378	.00112	.00036	.00039	.00122	-.00639	.00174	-.00004
#3	-.00151	.00117	.00001	.00367	-.00020	-.01124	.00102	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01207	-.00006	.00032	-.00028	.00091	-.00001	-.02611
Stddev	.00012	.00791	.00026	.00028	.00011	.00031	.00000	.03144
%RSD	142.38	65.511	463.01	87.295	40.942	34.588	61.080	120.40
#1	.00020	.01449	.00008	.00063	-.00039	.00055	-.00001	-.01295
#2	-.00004	.00324	-.00036	.00017	-.00016	.00103	-.00001	-.00339
#3	.00009	.01850	.00011	.00014	-.00028	.00114	-.00000	-.06200
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00012	-.03348	.00030	.00015	-.03348	.00065	-.01113
Stddev	.00030	.00025	.00363	.00047	.00007	.00778	.00041	.01894
%RSD	78.245	209.60	10.832	154.32	47.374	23.242	62.215	170.22
#1	.00027	-.00041	-.02956	.00057	.00019	-.04216	.00112	-.00682
#2	.00073	-.00004	-.03672	-.00024	.00018	-.03114	.00039	-.03186
#3	.00016	.00008	-.03414	.00057	.00007	-.02714	.00045	.00529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06404	-.00246	-.00014	.00072	-.00086	.0023	.00011	F 1.6309
Stddev	.00222	.00136	.00055	.00156	.00134	.0016	.00002	.1919
%RSD	3.4671	55.198	406.13	214.91	154.81	69.08	20.282	11.766
#1	.06152	-.00224	-.00070	.00048	.00046	.0020	.00013	1.6710
#2	.06570	-.00392	.00040	.00239	-.00221	.0009	.00009	1.7996
#3	.06490	-.00123	-.00011	-.00070	-.00084	.0040	.00012	1.4221

Sample Name: CCB07 Acquired: 4/23/2019 18:38:20 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14873 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .29901
Stddev	2.8638
%RSD	957.76

#1	.63964
#2	-2.7199
#3	2.9773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5116.6	62941.	5950.2	76.867	5494.8
Stddev	13.8	84.	38.9	.834	11.8
%RSD	.26951	.13361	.65373	1.0851	.21466

#1	5122.5	62908.	5908.1	76.470	5493.7
#2	5100.8	63036.	5957.5	77.825	5483.5
#3	5126.5	62878.	5984.9	76.305	5507.0

Sample Name: K2487-01 Acquired: 4/23/2019 18:42:48 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05280	.01234	3.1597	.05281	.06155	40.667	4.6301
Stddev	.00218	.00185	.0017	.00379	.00104	.053	.0304
%RSD	4.1343	14.995	.05297	7.1787	1.6942	.13054	.65670

#1	.05336	.01446	3.1610	.05118	.06267	40.634	4.6016
#2	.05040	.01104	3.1602	.05714	.06137	40.639	4.6267
#3	.05466	.01152	3.1578	.05010	.06061	40.728	4.6621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01081	.01499	254.37	.25976	.04959	2.4992	242.88
Stddev	.00033	.00016	.93	.00131	.00038	.0009	1.73
%RSD	3.0769	1.0972	.36702	.50550	.76162	.03434	.71184

#1	.01055	.01509	253.58	.25847	.04929	2.4982	240.92
#2	.01070	.01509	254.13	.25972	.05002	2.4996	244.17
#3	.01119	.01480	255.40	.26110	.04947	2.4998	243.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0743	50.555	.20155	-.01358	55.618	.36802	6.1681
Stddev	.0042	.436	.00068	.00031	.432	.00318	.0075
%RSD	.13566	.86185	.33831	2.2830	.77612	.86361	.12134

#1	3.0716	50.334	.20166	-.01345	55.213	.36436	6.1734
#2	3.0791	50.275	.20216	-.01393	55.570	.37012	6.1595
#3	3.0721	51.057	.20081	-.01335	56.072	.36958	6.1713

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.339	.02943	.73905	F 15.333	F 54.161	1.0160	1.5340
Stddev	.719	.00027	.01223	.056	.251	.0060	.0036
%RSD	1.0516	.91674	1.6548	.36273	.46253	.59419	.23153

#1	67.600	.02921	.72685	15.309	54.407	1.0116	1.5381
#2	68.381	.02973	.75131	15.397	54.170	1.0136	1.5317
#3	69.035	.02936	.73898	15.293	53.906	1.0229	1.5322

Sample Name: K2487-01 Acquired: 4/23/2019 18:42:48 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GMW-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04818	F 17.39	1.3253	2.4534	F<.00000
Stddev	.00025	.02	.0004	.2062	.46505
%RSD	.51368	.1406	.03241	8.4051	1.1492

#1	.04807	17.41	1.3258	2.5789	-39.994
#2	.04801	17.36	1.3249	2.5659	-40.923
#3	.04847	17.38	1.3253	2.2154	-40.488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4542.2	56370.	5653.3	67.416	4227.4
Stddev	8.0	171.	42.1	.803	8.4
%RSD	.17595	.30267	.74477	1.1916	.19884

#1	4536.5	56176.	5608.3	67.376	4220.4
#2	4538.8	56496.	5659.9	66.633	4225.1
#3	4551.3	56439.	5691.7	68.239	4236.7

Sample Name: K2487-02 Acquired: 4/23/2019 18:47:05 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01991	.00326	2.4060	.04108	.03744	79.495	3.6453
Stddev	.00205	.00169	.0100	.00364	.00083	.322	.0183
%RSD	10.280	51.887	.41640	8.8547	2.2213	.40491	.50223

#1	.01787	.00189	2.3961	.03755	.03840	79.210	3.6423
#2	.01988	.00274	2.4161	.04481	.03694	79.431	3.6287
#3	.02197	.00515	2.4058	.04088	.03698	79.844	3.6649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00876	.01293	265.82	.32429	.08180	2.5938	175.09
Stddev	.00002	.00023	1.33	.00032	.00028	.0025	.97
%RSD	.24484	1.7494	.50208	.09831	.33682	.09477	.55266

#1	.00875	.01268	266.33	.32403	.08163	2.5912	176.17
#2	.00874	.01300	266.82	.32464	.08212	2.5939	174.82
#3	.00878	.01312	264.30	.32420	.08165	2.5961	174.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8264	91.996	.60484	-.00254	96.783	.20503	4.4141
Stddev	.0014	.448	.00091	.00017	.409	.00104	.0067
%RSD	.07588	.48741	.14993	6.5976	.42234	.50947	.15130

#1	1.8248	91.873	.60548	-.00245	96.642	.20383	4.4086
#2	1.8273	91.622	.60380	-.00244	96.464	.20560	4.4121
#3	1.8271	92.493	.60523	-.00273	97.244	.20567	4.4215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.272	.00736	1.2046	F 33.087	F 84.206	.65113	3.8835
Stddev	.314	.00006	.0272	.145	1.176	.00132	.0085
%RSD	.54887	.76963	2.2555	.43907	1.3961	.20323	.21782

#1	57.111	.00732	1.1834	32.936	84.621	.64964	3.8896
#2	57.072	.00743	1.1952	33.100	85.118	.65157	3.8871
#3	57.635	.00734	1.2352	33.225	82.880	.65218	3.8738

Sample Name: K2487-02 Acquired: 4/23/2019 18:47:05 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GMW-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09403	4.800	1.5160	2.9012	F<.00000
Stddev	.00088	.014	.0125	.1885	1.6331
%RSD	.93742	.2805	.82470	6.4968	8.5955

#1	.09464	4.785	1.5166	2.7341	-19.076
#2	.09443	4.805	1.5281	2.8640	-17.330
#3	.09302	4.811	1.5032	3.1056	-20.593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4582.1	56547.	5773.0	67.766	4175.3
Stddev	4.8	183.	78.2	1.561	7.6
%RSD	.10562	.32384	1.3542	2.3040	.18182

#1	4577.7	56384.	5741.0	66.458	4168.1
#2	4581.2	56513.	5715.9	67.346	4174.7
#3	4587.3	56745.	5862.1	69.495	4183.2

Sample Name: K2487-02DUP Acquired: 4/23/2019 18:51:20 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-7DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01583	.00398	2.4256	.04000	.03820	80.290	3.6871
Stddev	.00145	.00060	.0210	.00107	.00156	.167	.0099
%RSD	9.1636	15.157	.86592	2.6746	4.0853	.20737	.26808

#1	.01725	.00412	2.4293	.03890	.03689	80.431	3.6828
#2	.01587	.00450	2.4446	.04009	.03779	80.106	3.6800
#3	.01436	.00332	2.4030	.04103	.03993	80.333	3.6984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00864	.01320	267.41	.32560	.08231	2.6015	174.17
Stddev	.00006	.00011	1.12	.00288	.00034	.0032	.47
%RSD	.67952	.84560	.41915	.88521	.40776	.12374	.26808

#1	.00868	.01307	267.21	.32227	.08199	2.6031	173.93
#2	.00867	.01323	268.61	.32718	.08229	2.6035	173.88
#3	.00857	.01329	266.40	.32734	.08266	2.5978	174.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8342	92.779	.60554	-.00229	97.766	.20549	4.4434
Stddev	.0033	.505	.00220	.00050	.222	.00202	.0023
%RSD	.18129	.54476	.36309	22.008	.22737	.98528	.05136

#1	1.8309	92.444	.60398	-.00202	97.701	.20339	4.4451
#2	1.8341	92.533	.60806	-.00198	97.584	.20566	4.4408
#3	1.8376	93.361	.60460	-.00287	98.014	.20742	4.4443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.739	.00753	1.1923	F 33.388	F 84.000	.65572	3.8979
Stddev	.240	.00053	.0272	.055	.616	.00461	.0118
%RSD	.41487	7.0469	2.2821	.16564	.73375	.70371	.30302

#1	57.502	.00728	1.1762	33.326	84.139	.65099	3.8851
#2	57.736	.00813	1.1769	33.434	84.536	.66021	3.9084
#3	57.981	.00716	1.2237	33.404	83.327	.65596	3.9002

Sample Name: K2487-02DUP Acquired: 4/23/2019 18:51:20 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GMW-7DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09565	4.821	1.5371	2.7518	F<.00000
Stddev	.00151	.019	.0081	.1752	1.5170
%RSD	1.5792	.3926	.52895	6.3687	8.7215
#1	.09393	4.802	1.5391	2.9369	-19.046
#2	.09624	4.840	1.5440	2.5884	-17.070
#3	.09678	4.822	1.5281	2.7300	-16.065
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4587.2	56772.	5811.7	67.774	4182.8
Stddev	5.4	163.	42.6	3.133	3.3
%RSD	.11728	.28637	.73382	4.6225	.07967
#1	4582.1	56584.	5784.2	69.181	4180.5
#2	4592.9	56863.	5790.0	64.184	4186.6
#3	4586.6	56868.	5860.8	69.956	4181.3

Sample Name: K2487-02LX5 Acquired: 4/23/2019 18:55:36 Type: Unk
Method: P4-ICP2(v3065) 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	.00342	.00166	.49646	.01286	.00675	16.160	.73147
Stddev	.00312	.00102	.00214	.00247	.00095	.022	.00142
%RSD	91.358	61.673	.43157	19.228	14.047	.13642	.19421

#1	.00101	.00082	.49542	.01108	.00728	16.138	.73195
#2	.00231	.00280	.49503	.01569	.00731	16.182	.73259
#3	.00695	.00136	.49892	.01182	.00565	16.162	.72987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	.00171	56.232	.06848	.01664	.57162	40.513
Stddev	.00002	.00009	.122	.00173	.00009	.00061	.125
%RSD	1.2786	5.2386	.21680	2.5330	.56081	.10746	.30789

#1	.00178	.00182	56.267	.07049	.01666	.57106	40.599
#2	.00182	.00166	56.332	.06748	.01654	.57228	40.570
#3	.00182	.00167	56.096	.06749	.01673	.57152	40.370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38560	19.037	.12048	-.00034	19.468	.04216	.86616
Stddev	.00047	.085	.00045	.00058	.015	.00069	.00018
%RSD	.12225	.44807	.37382	170.42	.07791	1.6269	.02134

#1	.38508	18.987	.12021	.00031	19.452	.04205	.86598
#2	.38600	19.136	.12100	-.00081	19.481	.04289	.86635
#3	.38572	18.989	.12023	-.00053	19.472	.04154	.86613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.511	.00154	.24920	6.4617	F 18.255	.13029	.80634
Stddev	.053	.00005	.01161	.0197	.040	.00059	.00134
%RSD	.45819	3.1133	4.6589	.30543	.22027	.45029	.16573

#1	11.451	.00153	.24036	6.4389	18.302	.13023	.80783
#2	11.530	.00150	.26235	6.4730	18.237	.13091	.80523
#3	11.551	.00159	.24489	6.4733	18.227	.12974	.80598

Sample Name: K2487-02LX5 Acquired: 4/23/2019 18:55:36 Type: Unk
 Method: P4-ICP2(v3065) 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	.01882	.9198	.31625	2.3978	F<.00000
Stddev	.00130	.0030	.00077	.0880	.52426
%RSD	6.8968	.3255	.24358	3.6689	31.680

#1	.01745	.9180	.31688	2.3440	-1.3335
#2	.01899	.9181	.31649	2.4993	-1.3713
#3	.02003	.9232	.31539	2.3501	-2.2598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4877.8	59935.	5923.2	73.896	4818.2
Stddev	1.7	95.	18.1	2.329	3.2
%RSD	.03540	.15838	.30580	3.1523	.06672

#1	4876.8	59888.	5911.3	71.526	4814.9
#2	4876.9	59873.	5914.4	73.978	4818.5
#3	4879.8	60044.	5944.1	76.183	4821.3

Sample Name: K2487-03 Acquired: 4/23/2019 18:59:59 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K2487-02MS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65994	1.6429	2.9928	1.7057	.58068	79.950	3.5496
Stddev	.00546	.0058	.0040	.0152	.00580	.596	.0211
%RSD	.82762	.35345	.13325	.88901	.99929	.74538	.59495

#1	.66461	1.6419	2.9892	1.7116	.58048	79.341	3.5259
#2	.65393	1.6376	2.9971	1.6885	.57498	79.977	3.5566
#3	.66128	1.6491	2.9921	1.7170	.58658	80.532	3.5663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17682	.17897	247.38	.63053	.24514	2.6328	160.13
Stddev	.00034	.00051	1.76	.00139	.00097	.0046	2.06
%RSD	.19111	.28710	.71255	.22000	.39448	.17585	1.2838

#1	.17645	.17908	246.94	.62907	.24563	2.6315	157.91
#2	.17711	.17941	245.87	.63070	.24403	2.6289	160.51
#3	.17689	.17840	249.32	.63183	.24577	2.6379	161.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8350	87.059	.98785	.05904	92.368	.44180	4.2208
Stddev	.0047	.565	.00576	.00054	.582	.00076	.0064
%RSD	.25816	.64955	.58321	.91318	.62977	.17200	.15172

#1	1.8307	86.822	.98962	.05871	91.705	.44096	4.2141
#2	1.8401	86.650	.98142	.05967	92.608	.44244	4.2269
#3	1.8343	87.704	.99253	.05876	92.792	.44200	4.2215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.677	.32500	1.3548	F 30.229	F 83.556	1.1796	3.7735
Stddev	.419	.00206	.0129	.085	.439	.0018	.0404
%RSD	.67989	.63261	.94854	.28177	.52559	.15437	1.0707

#1	61.198	.32614	1.3424	30.172	83.761	1.1810	3.7486
#2	61.857	.32263	1.3681	30.327	83.052	1.1775	3.7518
#3	61.977	.32624	1.3540	30.189	83.855	1.1802	3.8201

Sample Name: K2487-03 Acquired: 4/23/2019 18:59:59 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K2487-02MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25508	9.600	1.5874	2.1482	F<.00000
Stddev	.00328	.036	.0125	.0774	2.0187
%RSD	1.2876	.3734	.78885	3.6039	10.465

#1	.25276	9.634	1.5840	2.1860	-21.426
#2	.25364	9.562	1.5769	2.1995	-17.414
#3	.25884	9.605	1.6013	2.0592	-19.032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4626.2	57080.	5803.8	67.803	4261.0
Stddev	2.2	128.	34.1	.760	4.7
%RSD	.04657	.22353	.58813	1.1211	.11030

#1	4623.9	57219.	5794.1	67.059	4260.6
#2	4628.2	57054.	5841.7	68.579	4256.5
#3	4626.4	56968.	5775.6	67.771	4265.9

Sample Name: K2487-04 Acquired: 4/23/2019 19:04:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K2487-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66134	1.6584	3.0326	1.7177	.57963	81.537	3.6161
Stddev	.00421	.0030	.0042	.0055	.00206	.353	.0235
%RSD	.63674	.18324	.13764	.31764	.35534	.43307	.65079

#1	.65670	1.6572	3.0288	1.7115	.57726	81.132	3.5911
#2	.66491	1.6618	3.0320	1.7196	.58100	81.783	3.6378
#3	.66243	1.6561	3.0371	1.7219	.58063	81.695	3.6195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17921	.18115	252.43	.64499	.24716	2.6680	163.95
Stddev	.00029	.00050	.21	.00108	.00036	.0025	.41
%RSD	.16295	.27828	.08430	.16717	.14533	.09296	.25160

#1	.17955	.18080	252.67	.64624	.24676	2.6692	163.82
#2	.17904	.18173	252.35	.64439	.24729	2.6652	163.62
#3	.17905	.18093	252.27	.64436	.24744	2.6698	164.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8672	88.461	1.0015	.06025	94.063	.45164	4.2835
Stddev	.0009	.403	.0007	.00111	.641	.00064	.0011
%RSD	.04788	.45590	.07245	1.8506	.68124	.14140	.02579

#1	1.8665	88.018	1.0006	.05953	93.367	.45091	4.2846
#2	1.8682	88.807	1.0019	.05968	94.628	.45208	4.2836
#3	1.8669	88.557	1.0019	.06153	94.193	.45194	4.2824

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.182	.32731	1.4064	F 30.813	F 85.000	1.1943	3.8303
Stddev	.548	.00079	.0097	.048	.609	.0007	.0037
%RSD	.86801	.24090	.68987	.15415	.71692	.06202	.09730

#1	62.601	.32702	1.3954	30.831	85.678	1.1951	3.8340
#2	63.691	.32671	1.4137	30.849	84.823	1.1941	3.8266
#3	63.254	.32821	1.4100	30.759	84.498	1.1936	3.8302

Sample Name: K2487-04 Acquired: 4/23/2019 19:04:09 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K2487-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25960	9.736	1.6115	2.3230	F<.00000
Stddev	.00124	.005	.0061	.2010	1.9398
%RSD	.47809	.0519	.37898	8.6511	9.2917
#1	.26081	9.732	1.6175	2.4340	-21.396
#2	.25833	9.741	1.6115	2.0910	-22.504
#3	.25966	9.735	1.6053	2.4440	-18.730
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4587.6	56312.	5726.3	67.996	4210.3
Stddev	3.6	146.	31.5	.293	2.3
%RSD	.07901	.25969	.54955	.43129	.05452
#1	4584.1	56471.	5690.0	67.789	4209.3
#2	4591.3	56184.	5745.2	68.332	4208.6
#3	4587.5	56279.	5743.7	67.868	4212.9

Sample Name: K2487-02A Acquired: 4/23/2019 19:08:18 Type: Unk
Method: P4-ICP2(v3065) 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	.66668	1.6708	3.0357	1.7212	.58463	82.930	3.6831
Stddev	.00370	.0077	.0036	.0032	.00277	1.543	.0729
%RSD	.55451	.45927	.11681	.18809	.47318	1.8603	1.9792

#1	.66679	1.6644	3.0316	1.7198	.58405	81.640	3.6175
#2	.66293	1.6793	3.0374	1.7250	.58764	82.511	3.6703
#3	.67033	1.6685	3.0381	1.7190	.58220	84.639	3.7616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18129	.18126	251.21	.65197	.24955	2.6697	165.90
Stddev	.00304	.00013	.89	.01141	.00104	.0015	2.66
%RSD	1.6749	.07361	.35554	1.7503	.41522	.05491	1.6027

#1	.17958	.18116	251.50	.64708	.24835	2.6680	163.33
#2	.17950	.18120	250.21	.64382	.25017	2.6703	165.72
#3	.18480	.18141	251.92	.66502	.25012	2.6707	168.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8879	89.871	1.0070	.06055	95.673	.45708	4.2908
Stddev	.0302	2.128	.0027	.00058	1.793	.00710	.0030
%RSD	1.6015	2.3683	.26321	.96235	1.8745	1.5540	.06903

#1	1.8715	88.049	1.0055	.06047	94.086	.45282	4.2938
#2	1.8695	89.355	1.0101	.06002	95.313	.45314	4.2907
#3	1.9228	92.210	1.0054	.06117	97.619	.46528	4.2879

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.229	.32776	1.4321	F 30.844	F 84.089	1.2034	3.8341
Stddev	1.292	.00110	.0259	.047	.814	.0019	.0142
%RSD	2.0110	.33445	1.8052	.15151	.96826	.15786	.36955

#1	63.064	.32650	1.4033	30.838	84.845	1.2017	3.8179
#2	64.004	.32835	1.4395	30.893	83.227	1.2031	3.8442
#3	65.618	.32845	1.4534	30.800	84.196	1.2054	3.8402

Sample Name: K2487-02A Acquired: 4/23/2019 19:08:18 Type: Unk
Method: P4-ICP2(v3065) 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	.25874	9.796	1.6039	2.6228	F<.00000
Stddev	.00052	.041	.0069	.0914	1.7411
%RSD	.19975	.4200	.42826	3.4844	8.6679
#1	.25842	9.773	1.6110	2.7273	-19.503
#2	.25847	9.843	1.5972	2.5581	-18.713
#3	.25934	9.771	1.6034	2.5830	-22.045
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4598.7	55662.	5774.7	68.033	4211.1
Stddev	.8	741.	47.2	1.581	3.6
%RSD	.01677	1.3309	.81780	2.3242	.08637
#1	4597.9	56180.	5720.4	67.826	4207.0
#2	4598.8	55994.	5806.2	69.708	4212.1
#3	4599.4	54814.	5797.5	66.566	4214.0

Sample Name: K2487-05 Acquired: 4/23/2019 19:12:25 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-X Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00896	.00349	1.6889	.02863	.02667	54.139	2.7511
Stddev	.00128	.00102	.0048	.00053	.00020	.290	.0107
%RSD	14.297	29.184	.28459	1.8599	.75723	.53526	.38901

#1	.00923	.00237	1.6944	.02821	.02679	53.886	2.7447
#2	.00756	.00435	1.6852	.02845	.02679	54.075	2.7451
#3	.01008	.00375	1.6872	.02923	.02644	54.455	2.7634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	.00753	250.93	.21944	.05640	1.6476	115.32
Stddev	.00006	.00018	.61	.00042	.00033	.0003	.77
%RSD	1.1822	2.4434	.24327	.19153	.58617	.02085	.66660

#1	.00547	.00751	251.30	.21962	.05660	1.6477	114.45
#2	.00535	.00737	251.26	.21974	.05602	1.6478	115.89
#3	.00537	.00773	250.23	.21896	.05658	1.6472	115.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3733	85.589	.40441	-.00149	102.49	.13968	2.7770
Stddev	.0012	.204	.00109	.00063	.33	.00083	.0027
%RSD	.08760	.23873	.26865	42.510	.32058	.59637	.09911

#1	1.3732	85.355	.40506	-.00094	102.18	.13879	2.7780
#2	1.3722	85.730	.40315	-.00218	102.47	.14043	2.7792
#3	1.3746	85.682	.40501	-.00135	102.83	.13983	2.7739

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.379	.00582	1.1935	F 29.046	F 73.936	.42276	2.6656
Stddev	.232	.00004	.0186	.098	.524	.00134	.0048
%RSD	.42646	.68744	1.5564	.33816	.70908	.31645	.17893

#1	54.186	.00582	1.2071	29.156	74.417	.42306	2.6604
#2	54.314	.00578	1.1723	29.013	74.013	.42130	2.6697
#3	54.636	.00586	1.2010	28.968	73.377	.42392	2.6668

Sample Name: K2487-05 Acquired: 4/23/2019 19:12:25 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GMW-X Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07912	2.931	1.5204	2.9634	F<.00000
Stddev	.00299	.007	.0059	.0619	1.3432
%RSD	3.7765	.2344	.38479	2.0899	19.841

#1	.07834	2.938	1.5271	2.8959	-7.4693
#2	.07659	2.925	1.5175	2.9765	-5.2212
#3	.08241	2.931	1.5165	3.0176	-7.6187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4579.2	56337.	5762.0	66.081	4241.6
Stddev	3.2	146.	46.2	1.973	6.3
%RSD	.06956	.25921	.80182	2.9857	.14930

#1	4582.7	56341.	5732.1	64.747	4239.1
#2	4576.5	56190.	5738.7	65.148	4236.9
#3	4578.3	56482.	5815.2	68.347	4248.8

Sample Name: K2487-06 Acquired: 4/23/2019 19:16:42 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	.00009	-.00107	-.00013	-.00026	-.01787	.00165	.00010
Stddev	.00065	.00055	.00016	.00173	.00155	.01556	.00021	.00001
%RSD	30.706	615.11	15.310	1309.1	601.56	87.045	12.488	9.3294

#1	-.00279	.00052	-.00102	-.00133	.00015	-.00911	.00172	.00009
#2	-.00207	.00028	-.00094	.00185	.00105	-.03584	.00181	.00010
#3	-.00149	-.00053	-.00125	-.00092	-.00197	-.00867	.00142	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01016	.00013	.00028	-.00043	.00035	.00003	-.02268
Stddev	.00002	.00698	.00019	.00008	.00022	.00043	.00004	.01375
%RSD	165.95	68.691	147.26	28.410	51.572	122.83	127.26	60.615

#1	.00003	-.00373	.00032	.00027	-.00046	-.00012	.00001	-.00797
#2	.00003	-.01758	-.00005	.00036	-.00019	.00072	.00008	-.02487
#3	-.00001	-.00916	.00012	.00021	-.00064	.00045	.00001	-.03521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00017	-.02728	.00032	.00479	.02199	.00002	-.00743
Stddev	.00022	.00024	.00993	.00022	.00007	.03955	.00020	.00324
%RSD	15.822	136.86	36.409	70.444	1.4085	179.90	914.97	43.680

#1	.00115	.00006	-.02614	.00007	.00477	.01450	.00022	-.00369
#2	.00156	-.00041	-.01797	.00051	.00474	-.01329	-.00017	-.00905
#3	.00148	-.00017	-.03773	.00038	.00487	.06474	.00001	-.00953

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01054	.00512	-.00136	-.00051	-.00531	.0026	-.00001	.02518
Stddev	.00136	.00067	.00014	.00077	.00176	.0016	.00005	.13691
%RSD	12.918	13.119	10.402	152.10	33.114	61.63	506.87	543.74

#1	-.00898	.00540	-.00126	-.00095	-.00538	.0008	.00003	.13214
#2	-.01118	.00561	-.00130	.00038	-.00703	.0037	-.00006	-.12911
#3	-.01147	.00436	-.00152	-.00095	-.00351	.0034	-.00000	.07250

Sample Name: K2487-06 Acquired: 4/23/2019 19:16:42 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.3707
 %RSD 305.95

#1 -1.7197
 #2 -.62815
 #3 1.0038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5432.5	66541.	6351.3	82.599	5979.2
Stddev	7.9	341.	41.9	.898	4.7
%RSD	.14471	.51217	.66039	1.0877	.07812

#1	5426.9	66934.	6305.4	82.684	5977.3
#2	5429.2	66366.	6387.7	81.661	5984.5
#3	5441.5	66323.	6360.7	83.452	5975.7

Sample Name: K2516-01 Acquired: 4/23/2019 19:21:09 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.00145	.01595	.01625	.00303	39.793	.23114	.00255
Stddev	.00238	.00100	.00084	.00168	.00093	.137	.00087	.00004
%RSD	221.43	68.787	5.2937	10.371	30.716	.34500	.37482	1.6585
#1	-.00149	.00087	.01688	.01607	.00318	39.792	.23195	.00254
#2	.00151	.00261	.01523	.01466	.00388	39.930	.23023	.00260
#3	.00320	.00088	.01574	.01801	.00204	39.655	.23123	.00251
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	108.50	.01822	.02737	.09837	48.556	1.3645	29.901
Stddev	.00005	.31	.00036	.00033	.00071	.066	.0026	.262
%RSD	2.4068	.28905	1.9893	1.1991	.71864	.13632	.19162	.87587
#1	-.00197	108.69	.01800	.02770	.09912	48.553	1.3616	29.601
#2	-.00206	108.66	.01864	.02704	.09827	48.624	1.3655	30.024
#3	-.00199	108.13	.01802	.02736	.09771	48.491	1.3666	30.079
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03196	-.00340	221.97	.07776	.25052	21.438	.01403	.28032
Stddev	.00041	.00019	2.77	.00090	.00141	.189	.00008	.01449
%RSD	1.2685	5.4436	1.2488	1.1556	.56146	.88273	.53573	5.1693
#1	.03238	-.00338	223.78	.07673	.25214	21.372	.01397	.26480
#2	.03157	-.00360	223.36	.07841	.24964	21.291	.01402	.29350
#3	.03195	-.00323	218.78	.07813	.24977	21.652	.01411	.28265
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.554	F 62.060	-.00241	.74315	.02222	.8001	.50066	3.2926
Stddev	.035	.385	.00046	.00438	.00141	.0048	.00352	.2715
%RSD	.19911	.62038	19.168	.58878	6.3636	.6049	.70308	8.2468
#1	17.568	62.185	-.00250	.74637	.02196	.8054	.50316	3.5743
#2	17.580	62.368	-.00282	.74491	.02095	.7959	.50218	3.0325
#3	17.514	61.628	-.00191	.73817	.02374	.7990	.49663	3.2710

Sample Name: K2516-01 Acquired: 4/23/2019 19:21:09 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P041919 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.5643
Stddev	2.7315
%RSD	31.895

#1	8.3088
#2	5.9695
#3	11.415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4655.3	56796.	5731.0	69.845	4420.7
Stddev	10.8	176.	43.5	.903	7.4
%RSD	.23182	.30929	.75866	1.2925	.16817

#1	4652.2	56631.	5703.0	69.381	4414.6
#2	4646.4	56776.	5709.0	69.268	4418.5
#3	4667.3	56980.	5781.1	70.885	4429.0

Sample Name: CCV08 Acquired: 4/23/2019 19:25:38 Type: Unk
Method: P4-ICP2(v3065) 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	4.8591	4.9840	4.7800	5.0154	4.8275	9.8623	10.146
Stddev	.0010	.0028	.0010	.0056	.0181	.0349	.066
%RSD	.01960	.05659	.02151	.11237	.37418	.35403	.64692

#1	4.8583	4.9807	4.7805	5.0207	4.8459	9.8729	10.125
#2	4.8602	4.9854	4.7789	5.0159	4.8098	9.8906	10.094
#3	4.8589	4.9858	4.7807	5.0095	4.8269	9.8233	10.220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24666	2.4263	24.788	.99277	2.4134	1.2280	4.9791
Stddev	.00077	.0043	.142	.00183	.0033	.0017	.0051
%RSD	.31071	.17584	.57109	.18444	.13518	.14191	.10154

#1	.24703	2.4311	24.811	.99070	2.4159	1.2286	4.9739
#2	.24578	2.4229	24.636	.99420	2.4097	1.2260	4.9794
#3	.24717	2.4250	24.916	.99339	2.4146	1.2294	4.9840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4681	24.675	2.4716	1.2333	25.207	2.5176	2.3856
Stddev	.0018	.187	.0022	.0017	.067	.0030	.0034
%RSD	.07269	.75859	.08793	.13837	.26469	.11800	.14061

#1	2.4661	24.563	2.4734	1.2317	25.185	2.5151	2.3890
#2	2.4687	24.892	2.4692	1.2351	25.282	2.5169	2.3823
#3	2.4696	24.572	2.4722	1.2332	25.154	2.5209	2.3853

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.841	4.8520	5.1630	5.1919	4.9739	4.8980	4.8730
Stddev	.082	.0106	.0153	.0036	.0457	.0011	.0346
%RSD	.31720	.21868	.29569	.07016	.91931	.02315	.71016

#1	25.798	4.8621	5.1606	5.1900	4.9848	4.8992	4.8938
#2	25.936	4.8410	5.1794	5.1961	4.9237	4.8969	4.8331
#3	25.790	4.8529	5.1492	5.1895	5.0132	4.8979	4.8922

Sample Name: CCV08 Acquired: 4/23/2019 19:25:38 Type: Unk
 Method: P4-ICP2(v3065) 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	4.7206	5.135	4.9501	F 2.9837	F<.00000
Stddev	.0338	.006	.0345	.1203	1.5701
%RSD	.71544	.1254	.69772	4.0318	1860.3
#1	4.7332	5.139	4.9550	2.8575	.14728
#2	4.6823	5.137	4.9133	2.9966	-1.7575
#3	4.7462	5.127	4.9819	3.0971	1.3570
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4890.1	59937.	5959.8	73.896	4815.5
Stddev	9.7	52.	65.0	2.078	8.0
%RSD	.19921	.08746	1.0905	2.8116	.16561
#1	4880.5	59932.	5948.1	75.605	4808.0
#2	4900.0	59991.	6029.8	74.499	4823.9
#3	4889.8	59887.	5901.4	71.583	4814.5

Sample Name: CCB08 Acquired: 4/23/2019 19:29:45 Type: Unk
Method: P4-ICP2(v3065) 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	-.00103	.00121	-.00007	.00183	.00088	-.01256	.00169	.00004
Stddev	.00101	.00037	.00028	.00194	.00072	.00341	.00067	.00004
%RSD	97.860	30.331	397.48	105.87	82.161	27.141	39.758	111.02

#1	-.00132	.00145	.00020	.00386	.00165	-.01650	.00100	.00007
#2	-.00186	.00079	-.00006	.00001	.00075	-.01052	.00172	-.00001
#3	.00009	.00138	-.00035	.00162	.00023	-.01067	.00234	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00196	.00054	.00027	-.00034	.00062	-.00001	-.02039
Stddev	.00005	.01256	.00030	.00034	.00020	.00084	.00007	.02200
%RSD	9233.1	639.98	56.054	128.36	59.147	134.79	578.05	107.94

#1	.00005	-.00874	.00088	-.00013	-.00042	.00088	-.00004	-.03137
#2	-.00000	-.00116	.00040	.00044	-.00011	.00131	.00007	.00495
#3	-.00005	.01579	.00033	.00049	-.00050	-.00031	-.00006	-.03474

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00016	-.00055	.00021	.00012	.04413	.00057	.00213
Stddev	.00038	.00031	.00418	.00023	.00007	.01159	.00019	.00864
%RSD	92.267	199.81	764.70	105.88	59.656	26.255	33.603	405.77

#1	.00078	-.00016	-.00538	.00020	.00013	.03096	.00076	.00463
#2	.00045	-.00046	.00179	-.00001	.00019	.05275	.00038	-.00749
#3	.00002	.00016	.00194	.00044	.00004	.04870	.00056	.00924

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03313	.00192	-.00025	.00041	.00057	.0027	.00018	F 2.0088
Stddev	.00225	.00206	.00033	.00047	.00146	.0011	.00004	.1642
%RSD	6.7857	107.40	135.26	115.91	255.43	39.56	22.960	8.1722

#1	.03241	.00099	-.00063	.00092	.00051	.0026	.00022	2.1027
#2	.03133	.00048	-.00004	-.00001	-.00086	.0039	.00014	2.1045
#3	.03565	.00427	-.00006	.00032	.00205	.0017	.00017	1.8192

Sample Name: CCB08 Acquired: 4/23/2019 19:29:45 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1862
%RSD 20507.

#1 .10325
#2 1.1221
#3 -1.2427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5025.6	61430.	5827.3	75.147	5388.9
Stddev	11.4	122.	11.2	1.521	12.3
%RSD	.22733	.19778	.19222	2.0240	.22898

#1	5019.7	61416.	5833.1	73.407	5376.1
#2	5018.4	61316.	5834.4	76.223	5389.8
#3	5038.8	61558.	5814.4	75.811	5400.8

Sample Name: K2522-01 Acquired: 4/23/2019 19:34:14 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09745	.00948	1.6664	.04256	.00788	128.06	7.4168
Stddev	.00155	.00071	.0081	.00047	.00136	.46	.0369
%RSD	1.5859	7.4368	.48504	1.1063	17.247	.36015	.49813

#1	.09916	.00982	1.6757	.04213	.00701	128.13	7.4101
#2	.09701	.00995	1.6621	.04247	.00719	128.49	7.4567
#3	.09617	.00867	1.6613	.04306	.00945	127.57	7.3837

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01360	-.00177	138.87	.23446	.06072	.38764	164.84
Stddev	.00012	.00024	.32	.00202	.00041	.00247	.35
%RSD	.87338	13.534	.23011	.86008	.67339	.63796	.21408

#1	.01347	-.00150	138.51	.23277	.06109	.39049	164.53
#2	.01370	-.00194	138.98	.23669	.06028	.38632	165.22
#3	.01363	-.00188	139.12	.23392	.06078	.38610	164.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9911	35.717	.09910	-.01494	28.704	.36930	5.6330
Stddev	.0020	.154	.00053	.00034	.100	.00259	.0040
%RSD	.10270	.43027	.53624	2.2674	.34779	.70162	.07161

#1	1.9929	35.720	.09967	-.01457	28.658	.37072	5.6374
#2	1.9916	35.870	.09862	-.01500	28.818	.37086	5.6295
#3	1.9889	35.562	.09902	-.01524	28.635	.36631	5.6319

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.996	.01053	.29133	9.0845	F 90.968	.05777	1.5248
Stddev	.085	.00022	.01745	.0292	.514	.00114	.0099
%RSD	.50239	2.0826	5.9889	.32137	.56478	1.9691	.65037

#1	17.010	.01031	.28010	9.1161	90.686	.05656	1.5139
#2	17.073	.01074	.28245	9.0790	90.658	.05882	1.5272
#3	16.904	.01055	.31143	9.0585	91.561	.05795	1.5333

Sample Name: K2522-01 Acquired: 4/23/2019 19:34:14 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WELL-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09785	4.702	.57065	1.2404	F<.00000
Stddev	.00193	.023	.00041	.0352	1.2018
%RSD	1.9679	.4955	.07116	2.8346	3.9823

#1	.09562	4.726	.57028	1.2015	-30.536
#2	.09900	4.700	.57109	1.2498	-28.840
#3	.09892	4.679	.57059	1.2699	-31.163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5028.3	61739.	6162.7	69.521	4460.1
Stddev	12.8	67.	19.3	1.369	11.7
%RSD	.25431	.10823	.31273	1.9689	.26144

#1	5018.0	61671.	6166.0	70.885	4448.2
#2	5024.3	61743.	6180.1	68.148	4460.7
#3	5042.6	61805.	6142.0	69.531	4471.5

Sample Name: K2522-04 Acquired: 4/23/2019 19:38:40 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20408	.01400	.78859	.06040	.01140	183.84	1.0502
Stddev	.00170	.00044	.00318	.00236	.00155	.30	.0022
%RSD	.83110	3.1424	.40346	3.9026	13.623	.16426	.21048

#1	.20343	.01411	.79227	.05950	.00998	184.04	1.0525
#2	.20280	.01352	.78680	.06308	.01117	184.00	1.0502
#3	.20600	.01438	.78671	.05863	.01306	183.50	1.0480

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02179	-.00268	63.999	.34537	.06945	.42385	268.23
Stddev	.00006	.00007	.090	.00081	.00029	.00230	1.42
%RSD	.28872	2.4572	.14066	.23591	.41200	.54301	.53039

#1	.02172	-.00261	63.904	.34494	.06978	.42593	268.55
#2	.02183	-.00267	64.083	.34631	.06925	.42138	266.67
#3	.02183	-.00274	64.010	.34487	.06931	.42423	269.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4837	30.983	.12386	-.02992	28.711	.54772	1.1018
Stddev	.0004	.016	.00065	.00067	.031	.00236	.0018
%RSD	.02820	.05060	.52550	2.2549	.10721	.43042	.15966

#1	1.4834	30.985	.12459	-.03051	28.716	.54860	1.1028
#2	1.4841	30.998	.12334	-.03005	28.740	.54505	1.1028
#3	1.4834	30.967	.12366	-.02918	28.678	.54951	1.0997

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.466	.01804	.42602	F 13.697	F 100.05	.04178	1.5946
Stddev	.086	.00029	.01524	.070	.32	.00016	.0028
%RSD	.29122	1.5842	3.5764	.50985	.32020	.39476	.17673

#1	29.488	.01823	.41052	13.775	100.40	.04194	1.5961
#2	29.539	.01771	.42657	13.641	99.955	.04179	1.5914
#3	29.372	.01818	.44098	13.674	99.781	.04161	1.5963

Sample Name: K2522-04 Acquired: 4/23/2019 19:38:40 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WELL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12052	5.869	.20859	<.00000	F<.00000
Stddev	.00098	.035	.00209	.11421	2.4105
%RSD	.81710	.6010	1.0008	19.014	2.9301
#1	.11953	5.910	.20878	-.48053	-79.535
#2	.12052	5.850	.21057	-.61363	-84.098
#3	.12150	5.848	.20641	-.70785	-83.165
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5241.6	64195.	6400.3	69.218	4452.0
Stddev	5.1	124.	7.1	.880	10.9
%RSD	.09708	.19307	.11087	1.2715	.24592
#1	5237.0	64105.	6398.5	68.218	4441.3
#2	5240.6	64144.	6394.3	69.876	4451.5
#3	5247.1	64337.	6408.1	69.559	4463.2

Sample Name: K2487-08 Acquired: 4/23/2019 19:43:15 Type: Unk

Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: GMW-10 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00146	.00081	.00647	.00334	-.02541	.70869	.00042
Stddev	.00087	.00125	.00081	.00194	.00140	.01152	.00150	.00004
%RSD	122.71	85.626	100.23	29.927	41.870	45.357	.21185	9.8642

#1	-.00003	.00289	.00056	.00463	.00437	-.03688	.70786	.00038
#2	.00049	.00057	.00172	.00630	.00390	-.01383	.71042	.00047
#3	.00167	.00092	.00016	.00849	.00175	-.02551	.70779	.00042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	200.87	-.00252	.00161	.00503	15.733	1.4346	33.671
Stddev	.00007	.89	.00012	.00009	.00038	.038	.0021	.209
%RSD	9.4682	.44417	4.8865	5.3157	7.5489	.24209	.14349	.61986

#1	-.00080	200.46	-.00251	.00170	.00547	15.699	1.4323	33.449
#2	-.00078	200.26	-.00240	.00154	.00482	15.774	1.4362	33.703
#3	-.00067	201.90	-.00265	.00158	.00481	15.725	1.4354	33.862

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01027	-.00118	39.723	.00179	.11794	63.216	.00321	.39443
Stddev	.00034	.00022	.102	.00047	.00075	.269	.00017	.00502
%RSD	3.3357	19.060	.25646	26.295	.63264	.42474	5.2313	1.2735

#1	.01065	-.00121	39.627	.00127	.11733	62.908	.00308	.38869
#2	.00997	-.00138	39.830	.00219	.11877	63.397	.00315	.39656
#3	.01020	-.00094	39.712	.00190	.11772	63.344	.00340	.39803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4879	F 18.853	-.00141	-.00494	.01528	.0184	1.1273	3.8443
Stddev	.0286	.056	.00103	.00081	.00206	.0006	.0025	.0586
%RSD	.63704	.29780	73.118	16.407	13.466	3.190	.22295	1.5252

#1	4.4666	18.853	-.00030	-.00570	.01291	.0180	1.1274	3.7896
#2	4.5204	18.797	-.00234	-.00409	.01646	.0191	1.1248	3.9062
#3	4.4768	18.909	-.00158	-.00503	.01649	.0182	1.1298	3.8372

Sample Name: K2487-08 Acquired: 4/23/2019 19:43:15 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-10 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1450
Stddev	1.4603
%RSD	23.764

#1	5.6024
#2	7.7989
#3	5.0336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4618.6	57066.	5595.9	69.636	4543.0
Stddev	4.2	212.	5.2	1.319	8.8
%RSD	.09085	.37128	.09375	1.8935	.19375

#1	4615.6	57144.	5594.4	70.426	4533.0
#2	4623.4	56826.	5601.7	68.114	4546.2
#3	4616.8	57227.	5591.5	70.368	4549.8

Sample Name: K2487-09 Acquired: 4/23/2019 19:47:36 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.00080	.00740	.00465	.00266	-.03556	1.1884	.00005
Stddev	.00180	.00018	.00039	.00146	.00176	.00702	.0015	.00008
%RSD	90.211	23.098	5.2431	31.455	66.117	19.742	.12909	172.70

#1	.00008	.00088	.00696	.00302	.00287	-.02972	1.1866	.00007
#2	-.00299	.00059	.00752	.00584	.00431	-.04335	1.1894	.00011
#3	-.00309	.00092	.00770	.00509	.00081	-.03360	1.1892	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	263.70	-.00020	.00238	.01006	.00392	.50767	77.506
Stddev	.00004	.71	.00014	.00015	.00031	.00052	.00044	.526
%RSD	8.6347	.27066	73.778	6.1617	3.0681	13.245	.08633	.67901

#1	.00047	264.52	-.00018	.00224	.00988	.00452	.50738	76.991
#2	.00042	263.22	-.00006	.00253	.01042	.00366	.50745	77.484
#3	.00049	263.36	-.00035	.00236	.00988	.00358	.50817	78.043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	-.00032	105.17	.00236	.11730	49.198	.00254	1.1410
Stddev	.00068	.00028	.17	.00029	.00022	.201	.00010	.0069
%RSD	6.3936	88.650	.15814	12.355	.19083	.40886	3.8461	.60094

#1	.01004	-.00046	105.00	.00216	.11709	48.966	.00265	1.1401
#2	.01059	.00001	105.33	.00269	.11753	49.334	.00250	1.1346
#3	.01140	-.00049	105.19	.00222	.11726	49.292	.00248	1.1482

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.479	F 16.516	-.01190	-.00637	.04726	.0296	1.6722	4.4101
Stddev	.015	.097	.00054	.00227	.00057	.0004	.0063	.1242
%RSD	.04603	.58950	4.5411	35.663	1.2024	1.467	.37448	2.8152

#1	32.485	16.627	-.01142	-.00375	.04770	.0297	1.6792	4.2914
#2	32.489	16.450	-.01178	-.00783	.04746	.0300	1.6703	4.3997
#3	32.461	16.470	-.01249	-.00753	.04662	.0291	1.6672	4.5391

Sample Name: K2487-09 Acquired: 4/23/2019 19:47:36 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GMW-7 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.975
Stddev	.592
%RSD	4.9421

#1	12.326
#2	12.307
#3	11.291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4491.5	55827.	5636.5	69.431	4370.4
Stddev	5.3	95.	35.6	1.433	4.3
%RSD	.11754	.17045	.63227	2.0644	.09925

#1	4485.5	55742.	5595.6	70.246	4365.9
#2	4493.7	55810.	5652.7	67.776	4370.8
#3	4495.3	55930.	5661.1	70.270	4374.5

Sample Name: K2487-09DUP Acquired: 4/23/2019 19:51:58 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-7DUP 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	.00037	.00675	.00346	.00108	-.02993	1.1967	.00000
Stddev	.00165	.00053	.00085	.00241	.00204	.00757	.0072	.00005
%RSD	110.19	142.38	12.650	69.789	188.69	25.275	.60133	1834.8
#1	-.00247	.00081	.00649	.00404	.00130	-.02609	1.1907	-.00004
#2	-.00244	.00053	.00770	.00553	.00300	-.02506	1.2047	.00000
#3	.00041	-.00022	.00605	.00081	-.00106	-.03865	1.1947	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	264.99	-.00043	.00240	.01028	.00381	.51085	78.060
Stddev	.00004	1.14	.00031	.00012	.00012	.00048	.00119	1.011
%RSD	9.4215	.42857	73.365	4.8459	1.1269	12.543	.23221	1.2957
#1	.00049	263.94	-.00036	.00252	.01027	.00331	.50962	76.929
#2	.00042	266.19	-.00015	.00229	.01017	.00383	.51097	78.374
#3	.00049	264.82	-.00076	.00238	.01040	.00427	.51198	78.877
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01056	-.00008	106.03	.00209	.11607	49.634	.00244	1.1504
Stddev	.00011	.00008	.82	.00037	.00009	.486	.00023	.0174
%RSD	1.0244	101.52	.77505	17.624	.08174	.98009	9.3285	1.5090
#1	.01066	-.00008	105.20	.00206	.11618	49.163	.00259	1.1488
#2	.01045	-.00016	106.84	.00174	.11599	50.135	.00218	1.1686
#3	.01057	.00000	106.05	.00248	.11604	49.605	.00256	1.1340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.601	F 16.710	-.01166	-.00561	.04785	.0301	1.6834	4.0306
Stddev	.052	.070	.00072	.00178	.00131	.0004	.0086	.0810
%RSD	.16026	.42049	6.1936	31.675	2.7378	1.176	.50786	2.0099
#1	32.554	16.791	-.01141	-.00707	.04663	.0301	1.6846	4.1009
#2	32.657	16.669	-.01248	-.00363	.04768	.0305	1.6914	3.9420
#3	32.593	16.669	-.01111	-.00612	.04923	.0297	1.6744	4.0488

Sample Name: K2487-09DUP Acquired: 4/23/2019 19:51:58 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-7DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.086
Stddev	.300
%RSD	2.4821

#1	11.749
#2	12.186
#3	12.324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4485.4	55353.	5603.2	68.650	4376.5
Stddev	25.3	114.	34.2	1.412	15.5
%RSD	.56354	.20557	.61048	2.0565	.35507

#1	4457.9	55321.	5564.5	68.593	4359.6
#2	4490.8	55258.	5615.8	70.089	4379.6
#3	4507.6	55479.	5629.4	67.267	4390.2

Sample Name: K2487-09LX5 Acquired: 4/23/2019 19:56:20 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8152 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00093	.00242	.00371	.00156	.00459	.24270	.00005
Stddev	.00087	.00091	.00113	.00056	.00033	.00225	.00194	.00006
%RSD	236.51	98.081	46.807	15.188	21.241	49.069	.79780	104.95

#1	.00008	.00016	.00319	.00360	.00192	.00517	.24308	.00001
#2	-.00137	.00069	.00297	.00321	.00127	.00650	.24061	.00003
#3	.00018	.00193	.00112	.00432	.00150	.00211	.24442	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	55.330	-.00014	.00057	.00171	.00870	.10885	16.010
Stddev	.00002	.400	.00029	.00026	.00026	.00077	.00100	.145
%RSD	63.713	.72362	204.53	44.644	15.211	8.7976	.92323	.90707

#1	.00004	55.314	-.00016	.00032	.00183	.00950	.10974	15.978
#2	.00002	55.738	-.00041	.00084	.00188	.00860	.10776	15.882
#3	.00001	54.938	.00016	.00056	.00141	.00798	.10906	16.168

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.00050	21.146	.00051	.02639	9.9010	.00042	.23061
Stddev	.00029	.00057	.139	.00019	.00012	.0649	.00008	.01644
%RSD	15.125	112.58	.65696	37.521	.44480	.65495	18.187	7.1280

#1	.00164	-.00031	21.304	.00071	.02646	9.9276	.00051	.23713
#2	.00222	-.00115	21.047	.00046	.02646	9.8271	.00039	.24279
#3	.00192	-.00006	21.085	.00034	.02625	9.9483	.00036	.21191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4726	3.6314	-.00245	-.00037	.00929	.0068	.35062	1.8530
Stddev	.0053	.0187	.00020	.00059	.00061	.0010	.00268	.2286
%RSD	.08223	.51472	7.9629	159.72	6.6049	14.99	.76484	12.339

#1	6.4755	3.6505	-.00264	-.00054	.00987	.0073	.35107	1.6599
#2	6.4758	3.6306	-.00246	.00029	.00936	.0074	.35305	2.1055
#3	6.4665	3.6131	-.00225	-.00085	.00865	.0056	.34774	1.7936

Sample Name: K2487-09LX5 Acquired: 4/23/2019 19:56:20 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8152 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6283
Stddev 3.1589
%RSD 120.19

#1 4.9214
#2 -.97494
#3 3.9383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4875.7	59573.	5851.0	73.383	4921.2
Stddev	12.9	204.	43.1	1.213	9.1
%RSD	.26496	.34251	.73613	1.6529	.18419

#1	4866.0	59353.	5867.0	74.020	4911.3
#2	4870.7	59757.	5802.2	71.984	4923.1
#3	4890.3	59607.	5883.8	74.144	4929.2

Sample Name: K2487-10 Acquired: 4/23/2019 20:00:43 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K2487-09MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71698	1.7711	.87404	1.8666	.70728	1.8888	1.3052	.18620
Stddev	.00145	.0059	.00197	.0023	.00189	.0153	.0038	.00045
%RSD	.20262	.33403	.22491	.12548	.26720	.80901	.28970	.24436
#1	.71816	1.7644	.87348	1.8668	.70747	1.8725	1.3027	.18621
#2	.71742	1.7731	.87622	1.8642	.70907	1.8911	1.3095	.18573
#3	.71536	1.7757	.87241	1.8689	.70530	1.9028	1.3034	.18664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17924	249.43	.37768	.18189	.28075	2.7981	.65279	73.658
Stddev	.00036	.85	.00030	.00012	.00078	.0063	.00054	.378
%RSD	.20232	.34082	.07815	.06768	.27641	.22339	.08317	.51360
#1	.17884	248.81	.37736	.18182	.28130	2.7931	.65331	73.225
#2	.17955	249.07	.37794	.18182	.28108	2.8051	.65283	73.824
#3	.17933	250.40	.37776	.18203	.27986	2.7961	.65223	73.925
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46747	.06704	100.92	.29475	.27776	55.660	.36452	1.3627
Stddev	.00054	.00018	.33	.00024	.00028	.321	.00144	.0237
%RSD	.11589	.26397	.32908	.08250	.10250	.57592	.39469	1.7358
#1	.46687	.06694	100.58	.29473	.27750	55.290	.36548	1.3399
#2	.46762	.06724	101.25	.29499	.27806	55.846	.36521	1.3871
#3	.46792	.06694	100.93	.29451	.27771	55.844	.36286	1.3611
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.057	F 16.540	.62322	.17901	.22767	5.782	1.7626	3.4178
Stddev	.047	.041	.00199	.00224	.00074	.016	.0044	.2910
%RSD	.15544	.24973	.31906	1.2509	.32416	.2768	.24993	8.5155
#1	30.042	16.556	.62160	.17847	.22685	5.768	1.7640	3.7423
#2	30.110	16.493	.62544	.18147	.22788	5.799	1.7577	3.3310
#3	30.021	16.571	.62261	.17709	.22829	5.780	1.7662	3.1800

Sample Name: K2487-10 Acquired: 4/23/2019 20:00:43 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K2487-09MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2107
Stddev	.5915
%RSD	7.2041

#1	8.1263
#2	7.6659
#3	8.8398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4498.3	55218.	5503.2	69.095	4370.8
Stddev	20.5	91.	17.4	.474	7.8
%RSD	.45595	.16558	.31701	.68615	.17950

#1	4476.0	55210.	5486.4	69.065	4366.2
#2	4502.6	55130.	5521.3	68.637	4366.4
#3	4516.3	55313.	5501.9	69.584	4379.8

Sample Name: K2487-11 Acquired: 4/23/2019 20:04:46 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K2487-09MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71563	1.7783	.87330	1.8647	.70494	1.8630	1.2835	.18541
Stddev	.00459	.0032	.00360	.0097	.00356	.0247	.0125	.00028
%RSD	.64135	.17934	.41260	.51912	.50571	1.3271	.97453	.15351
#1	.71096	1.7747	.87301	1.8677	.70683	1.8888	1.2926	.18569
#2	.71580	1.7795	.87704	1.8726	.70716	1.8606	1.2887	.18543
#3	.72013	1.7808	.86985	1.8539	.70082	1.8395	1.2693	.18512
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17909	246.72	.37499	.18278	.28032	2.7851	.64935	72.781
Stddev	.00014	2.36	.00022	.00019	.00050	.0099	.00104	.473
%RSD	.08054	.95836	.05841	.10425	.17794	.35424	.16047	.64991
#1	.17897	244.67	.37495	.18289	.28000	2.7963	.65043	73.191
#2	.17925	249.31	.37522	.18256	.28089	2.7780	.64835	72.888
#3	.17904	246.19	.37479	.18288	.28006	2.7808	.64926	72.263
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46809	.06688	99.351	.29335	.27849	54.945	.36395	1.3499
Stddev	.00050	.00058	.896	.00066	.00036	.476	.00030	.0196
%RSD	.10600	.87474	.90167	.22547	.13101	.86601	.08344	1.4545
#1	.46783	.06754	99.976	.29394	.27807	55.265	.36415	1.3562
#2	.46778	.06667	99.752	.29348	.27872	55.171	.36410	1.3656
#3	.46866	.06642	98.324	.29264	.27868	54.398	.36360	1.3279
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.920	F 16.501	.62472	.17608	.22604	5.795	1.7441	3.6115
Stddev	.013	.146	.00213	.00054	.00265	.013	.0103	.0826
%RSD	.04417	.88708	.34042	.30751	1.1746	.2208	.59091	2.2871
#1	29.933	16.336	.62309	.17562	.22470	5.782	1.7367	3.5162
#2	29.921	16.552	.62713	.17595	.22432	5.798	1.7559	3.6624
#3	29.907	16.616	.62394	.17668	.22909	5.807	1.7398	3.6558

Sample Name: K2487-11 Acquired: 4/23/2019 20:04:46 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K2487-09MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7955
Stddev	2.0042
%RSD	34.583

#1	5.7636
#2	3.8073
#3	7.8154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4516.1	55685.	5520.8	68.345	4382.4
Stddev	7.9	266.	50.3	.770	11.0
%RSD	.17514	.47751	.91034	1.1271	.25146

#1	4508.4	55546.	5577.8	68.713	4370.4
#2	4515.9	55518.	5482.9	67.459	4384.6
#3	4524.2	55992.	5501.7	68.861	4392.1

Sample Name: K2487-09A Acquired: 4/23/2019 20:08:48 Type: Unk
Method: P4-ICP2(v3065) 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	.71325	1.7796	.87609	1.8582	.70490	1.8513	1.2873	.18531
Stddev	.00022	.0045	.00246	.0026	.00124	.0172	.0065	.00008
%RSD	.03135	.25070	.28037	.14096	.17659	.92918	.50224	.04557
#1	.71314	1.7806	.87538	1.8596	.70586	1.8382	1.2808	.18536
#2	.71350	1.7748	.87407	1.8597	.70349	1.8708	1.2872	.18521
#3	.71309	1.7836	.87883	1.8551	.70534	1.8450	1.2938	.18535
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17889	247.61	.37412	.18275	.28017	2.7836	.65144	72.763
Stddev	.00048	1.03	.00105	.00012	.00067	.0028	.00036	.239
%RSD	.27046	.41579	.28162	.06701	.24048	.09941	.05501	.32839
#1	.17906	247.09	.37522	.18283	.28041	2.7840	.65181	72.498
#2	.17834	246.94	.37403	.18261	.27941	2.7806	.65109	72.962
#3	.17926	248.80	.37312	.18282	.28070	2.7861	.65143	72.828
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46939	.06655	99.449	.29339	.27869	54.787	.36315	1.3540
Stddev	.00105	.00109	.396	.00117	.00073	.229	.00059	.0186
%RSD	.22430	1.6339	.39848	.39994	.26145	.41747	.16337	1.3725
#1	.47036	.06533	99.126	.29236	.27912	54.645	.36351	1.3403
#2	.46827	.06740	99.329	.29467	.27785	54.665	.36247	1.3751
#3	.46954	.06694	99.891	.29316	.27910	55.051	.36348	1.3466
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.892	F 16.513	.62449	.17461	.22561	5.781	1.7498	3.6018
Stddev	.027	.011	.00394	.00274	.00248	.032	.0073	.2226
%RSD	.09065	.06928	.63070	1.5688	1.0990	.5465	.41565	6.1790
#1	29.901	16.500	.62729	.17151	.22287	5.794	1.7493	3.8583
#2	29.862	16.520	.61999	.17564	.22625	5.745	1.7428	3.4606
#3	29.914	16.519	.62619	.17669	.22770	5.804	1.7573	3.4864

Sample Name: K2487-09A Acquired: 4/23/2019 20:08:48 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0448
Stddev	.6949
%RSD	11.495

#1	5.3152
#2	6.6987
#3	6.1205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.4	55647.	5512.0	68.615	4367.3
Stddev	9.4	95.	21.0	.754	5.4
%RSD	.20916	.17066	.38061	1.0986	.12359

#1	4496.5	55547.	5488.2	69.444	4361.3
#2	4507.5	55658.	5527.9	67.971	4368.7
#3	4515.2	55736.	5519.8	68.431	4371.9

Sample Name: K2487-12 Acquired: 4/23/2019 20:12:51 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-X Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00050	.00740	.00255	.00099	-.02865	1.1933	-.00001
Stddev	.00214	.00106	.00040	.00044	.00141	.02217	.0032	.00005
%RSD	2296.0	210.87	5.3514	17.117	143.55	77.383	.26798	420.42
#1	.00139	-.00060	.00757	.00239	.00260	-.03004	1.1917	-.00005
#2	-.00255	.00061	.00695	.00305	.00038	-.05010	1.1913	-.00003
#3	.00088	.00150	.00769	.00222	-.00002	-.00582	1.1970	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	242.77	-.00041	.00229	.00648	.00420	.45328	72.686
Stddev	.00000	1.40	.00025	.00033	.00017	.00073	.00072	.338
%RSD	1.6661	.57850	61.948	14.293	2.6463	17.368	.15840	.46508
#1	.00016	242.85	-.00050	.00220	.00663	.00435	.45307	72.417
#2	.00016	244.14	-.00061	.00201	.00630	.00341	.45270	72.576
#3	.00016	241.33	-.00012	.00265	.00651	.00484	.45408	73.066
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00896	-.00055	103.70	.00254	.08825	46.658	.00282	1.0935
Stddev	.00051	.00012	.18	.00019	.00028	.192	.00027	.0265
%RSD	5.7123	21.037	.17159	7.2835	.32027	.41191	9.5198	2.4256
#1	.00924	-.00057	103.53	.00264	.08800	46.493	.00302	1.0693
#2	.00837	-.00066	103.67	.00266	.08819	46.611	.00251	1.0895
#3	.00926	-.00043	103.89	.00233	.08855	46.869	.00292	1.1218
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.174	F 15.826	-.01033	-.00588	.04534	.0237	1.5679	3.9083
Stddev	.027	.136	.00054	.00112	.00076	.0014	.0073	.1669
%RSD	.09883	.85958	5.1876	19.007	1.6800	5.993	.46742	4.2705
#1	27.160	15.844	-.01066	-.00521	.04546	.0234	1.5720	3.8798
#2	27.156	15.951	-.01062	-.00717	.04452	.0253	1.5724	3.7575
#3	27.204	15.681	-.00971	-.00525	.04603	.0225	1.5595	4.0876

Sample Name: K2487-12 Acquired: 4/23/2019 20:12:51 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GMW-X Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.206
Stddev	1.494
%RSD	13.332

#1	12.506
#2	9.5736
#3	11.538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4523.5	56166.	5601.7	67.733	4408.0
Stddev	12.5	89.	46.8	1.062	7.4
%RSD	.27565	.15836	.83498	1.5676	.16736

#1	4515.9	56143.	5587.4	67.316	4399.5
#2	4516.7	56091.	5563.8	68.940	4411.3
#3	4537.9	56264.	5654.0	66.943	4413.1

Sample Name: CCV09 Acquired: 4/23/2019 20:17:12 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14874 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7881	4.9224	4.7149	4.9600	4.7444	9.6931	10.076	.24282
Stddev	.0120	.0163	.0016	.0134	.0065	.0728	.031	.00020
%RSD	.24978	.33034	.03403	.26918	.13644	.75101	.30638	.08064
#1	4.8019	4.9406	4.7167	4.9615	4.7502	9.6113	10.109	.24270
#2	4.7819	4.9175	4.7142	4.9725	4.7455	9.7171	10.070	.24271
#3	4.7805	4.9092	4.7137	4.9459	4.7374	9.7509	10.048	.24305
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3889	24.590	.97800	2.3804	1.2059	4.9064	2.4384	24.486
Stddev	.0035	.023	.00167	.0032	.0008	.0108	.0014	.160
%RSD	.14582	.09511	.17080	.13485	.06917	.22045	.05893	.65352
#1	2.3928	24.567	.97608	2.3812	1.2061	4.8988	2.4368	24.301
#2	2.3880	24.590	.97885	2.3832	1.2066	4.9017	2.4388	24.575
#3	2.3860	24.614	.97907	2.3769	1.2049	4.9188	2.4396	24.581
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4237	1.2151	24.774	2.4790	2.3525	25.447	4.7674	5.1326
Stddev	.0018	.0011	.086	.0049	.0053	.107	.0097	.0597
%RSD	.07201	.08787	.34876	.19871	.22598	.41960	.20253	1.1622
#1	2.4249	1.2139	24.703	2.4747	2.3557	25.367	4.7784	5.0721
#2	2.4245	1.2160	24.870	2.4843	2.3554	25.568	4.7606	5.1914
#3	2.4217	1.2153	24.748	2.4779	2.3463	25.406	4.7631	5.1345
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0941	4.9180	4.8312	4.8190	4.6223	5.058	4.8891	F 2.9004
Stddev	.0165	.0398	.0118	.0153	.0420	.011	.0425	.1323
%RSD	.32478	.80866	.24465	.31677	.90886	.2247	.86840	4.5601
#1	5.0962	4.9631	4.8368	4.8297	4.6657	5.067	4.9291	2.7977
#2	5.1094	4.8881	4.8393	4.8257	4.6194	5.062	4.8937	3.0496
#3	5.0765	4.9027	4.8177	4.8015	4.5818	5.045	4.8446	2.8539

Sample Name: CCV09 Acquired: 4/23/2019 20:17:12 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14874 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2700
Stddev	2.2283
%RSD	98.166

#1	3.7454
#2	3.3579
#3	-.29336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4989.5	61197.	6059.3	76.179	4912.1
Stddev	12.0	151.	51.7	.837	9.6
%RSD	.24006	.24627	.85337	1.0988	.19645

#1	4975.8	61188.	5999.6	77.034	4901.7
#2	4995.2	61352.	6091.3	76.142	4913.9
#3	4997.7	61051.	6087.0	75.361	4920.8

Sample Name: CCB09 Acquired: 4/23/2019 20:21:16 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14874 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	.00109	-.00026	.00039	.00002	-.01939	.00174	.00006
Stddev	.00162	.00093	.00049	.00189	.00023	.00651	.00025	.00006
%RSD	90.984	85.560	189.77	479.36	1421.9	33.587	14.401	106.65

#1	-.00132	.00013	-.00024	.00252	-.00017	-.01834	.00151	.00014
#2	-.00044	.00115	.00022	-.00111	.00028	-.02637	.00171	.00002
#3	-.00358	.00199	-.00075	-.00023	-.00005	-.01347	.00201	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00659	-.00019	.00037	-.00058	-.00048	-.00001	-.05119
Stddev	.00003	.00450	.00027	.00016	.00008	.00035	.00004	.03489
%RSD	120.83	68.267	138.62	42.431	14.382	73.930	754.34	68.153

#1	-.00001	.01168	.00002	.00036	-.00067	-.00046	-.00004	-.02361
#2	.00004	.00490	-.00049	.00053	-.00051	-.00084	-.00002	-.03956
#3	.00004	.00318	-.00010	.00022	-.00056	-.00014	.00004	-.09041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00010	-.01274	.00025	.00014	.01476	.00068	.00667
Stddev	.00014	.00025	.00444	.00022	.00009	.03270	.00028	.02008
%RSD	27.261	248.62	34.851	85.729	61.757	221.55	41.692	301.10

#1	.00050	-.00016	-.01779	.00039	.00017	.05229	.00099	.02813
#2	.00069	.00017	-.00941	.00000	.00004	-.00766	.00060	-.01167
#3	.00040	-.00031	-.01104	.00036	.00021	-.00034	.00044	.00355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01672	.00222	-.00018	.00092	-.00186	.0026	.00012	F 1.6232
Stddev	.00052	.00145	.00063	.00106	.00092	.0003	.00004	.1753
%RSD	3.1116	65.199	353.19	115.33	49.475	11.01	31.274	10.802

#1	.01728	.00076	.00007	.00211	-.00136	.0028	.00010	1.5099
#2	.01661	.00225	.00029	.00054	-.00293	.0023	.00016	1.8252
#3	.01626	.00366	-.00090	.00010	-.00130	.0026	.00009	1.5345

Sample Name: CCB09 Acquired: 4/23/2019 20:21:16 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14874 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0638
Stddev 1.4120
%RSD 132.73

#1 -.31905
#2 2.5032
#3 1.0073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5201.5	63818.	6084.8	79.602	5576.4
Stddev	15.2	264.	26.2	1.238	12.3
%RSD	.29309	.41406	.43012	1.5547	.22011

#1	5187.1	63718.	6097.8	81.023	5562.3
#2	5217.5	64118.	6054.6	78.757	5584.4
#3	5199.8	63618.	6101.8	79.027	5582.5

Sample Name: K2487-13 Acquired: 4/23/2019 20:25:44 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	.00103	-.00080	-.00088	-.00060	-.01405	.00247	-.00002
Stddev	.00212	.00058	.00068	.00132	.00074	.01252	.00025	.00004
%RSD	194.92	56.309	85.321	150.08	123.83	89.119	10.131	227.70

#1	.00086	.00170	-.00114	-.00225	-.00117	-.01784	.00265	.00003
#2	-.00334	.00060	-.00125	.00038	-.00086	-.02423	.00258	-.00006
#3	-.00078	.00081	-.00001	-.00077	.00024	-.00007	.00218	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.09420	-.00016	.00022	-.00086	-.00156	.00022	.01121
Stddev	.00002	.01662	.00015	.00013	.00015	.00032	.00004	.02473
%RSD	63.215	17.645	92.772	57.952	17.092	20.297	20.213	220.52

#1	-.00006	.09885	-.00033	.00014	-.00093	-.00151	.00026	-.00007
#2	-.00001	.10799	-.00006	.00037	-.00096	-.00190	.00023	-.00586
#3	-.00005	.07574	-.00009	.00016	-.00069	-.00128	.00017	.03957

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00043	-.04615	.00039	.00991	-.03029	-.00017	.00161
Stddev	.00017	.00014	.00946	.00007	.00009	.01702	.00008	.01378
%RSD	12.396	33.173	20.495	17.589	.87516	56.194	49.854	854.96

#1	.00120	-.00056	-.04102	.00038	.00993	-.04821	-.00007	.01655
#2	.00152	-.00028	-.05707	.00032	.00981	-.01434	-.00023	-.01062
#3	.00127	-.00044	-.04036	.00046	.00998	-.02832	-.00020	-.00109

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00525	.02512	-.00150	.00031	-.00583	.0051	.00069	.32091
Stddev	.00090	.00141	.00060	.00080	.00057	.0006	.00005	.08462
%RSD	17.247	5.6132	40.007	253.88	9.7242	11.38	7.5917	26.370

#1	-.00609	.02587	-.00175	.00025	-.00647	.0045	.00067	.22566
#2	-.00429	.02599	-.00193	-.00045	-.00537	.0054	.00065	.34964
#3	-.00535	.02349	-.00081	.00114	-.00566	.0056	.00075	.38743

Sample Name: K2487-13 Acquired: 4/23/2019 20:25:44 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FB Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.6441
 %RSD 664.09

#1 -1.9568
 #2 -1.8924
 #3 2.6548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5382.3	65406.	6292.1	81.129	5896.0
Stddev	7.2	73.	43.7	2.868	11.2
%RSD	.13335	.11122	.69514	3.5349	.18940

#1	5389.3	65433.	6342.5	84.436	5898.8
#2	5382.6	65461.	6268.5	79.336	5905.4
#3	5374.9	65323.	6265.2	79.614	5883.7

Sample Name: K2204-04 Acquired: 4/23/2019 20:30:13 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	.00075	.06417	.00164	-.00102	.10729	.09224	.00011
Stddev	.00040	.00006	.00011	.00307	.00057	.01511	.00084	.00003
%RSD	30.583	8.5765	.16615	186.91	55.998	14.082	.90648	30.037

#1	-.00102	.00079	.06407	.00516	-.00037	.12404	.09319	.00014
#2	-.00112	.00078	.06415	.00027	-.00145	.10313	.09191	.00009
#3	-.00176	.00068	.06428	-.00050	-.00124	.09470	.09163	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	43.453	.00011	.00611	.00534	.10893	.60784	1.3785
Stddev	.00008	.558	.00020	.00016	.00023	.00053	.00041	.0222
%RSD	68.449	1.2838	185.57	2.6544	4.3941	.48403	.06826	1.6091

#1	.00018	42.813	-.00004	.00593	.00561	.10954	.60795	1.4036
#2	.00012	43.713	.00033	.00615	.00525	.10856	.60738	1.3616
#3	.00003	43.833	.00003	.00624	.00517	.10870	.60818	1.3702

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	-.00009	304.18	-.00004	.05819	.78918	.00024	.01569
Stddev	.00017	.00012	.55	.00005	.00025	.01900	.00021	.00259
%RSD	8.1803	130.54	.18135	136.52	.43764	2.4071	89.091	16.511

#1	.00189	-.00023	304.65	.00001	.05846	.76726	.00005	.01501
#2	.00204	-.00003	304.32	-.00004	.05796	.80064	.00019	.01855
#3	.00222	-.00001	303.58	-.00009	.05816	.79965	.00048	.01350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29254	.86190	.00033	-.00218	-.00060	.0073	.19566	2.8706
Stddev	.00130	.01122	.00045	.00032	.00252	.0021	.00185	.0431
%RSD	.44541	1.3018	136.74	14.850	419.63	29.00	.94316	1.5015

#1	.29107	.84896	.00030	-.00238	-.00318	.0056	.19355	2.8352
#2	.29356	.86786	-.00011	-.00234	.00185	.0066	.19641	2.9186
#3	.29299	.86888	.00079	-.00180	-.00047	.0097	.19700	2.8580

Sample Name: K2204-04 Acquired: 4/23/2019 20:30:13 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.476
 Stddev 1.535
 %RSD 14.655

#1 8.7233
 #2 11.122
 #3 11.583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4688.9	56953.	5795.8	73.285	4592.9
Stddev	15.3	178.	57.1	1.410	12.9
%RSD	.32546	.31216	.98503	1.9241	.28163

#1	4671.4	56752.	5860.4	74.845	4579.0
#2	4695.9	57088.	5752.2	72.101	4595.1
#3	4699.4	57019.	5774.7	72.909	4604.6

Sample Name: K2204-04DUP Acquired: 4/23/2019 20:34:46 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00055	.06375	.00274	.00054	.11033	.09118	.00005
Stddev	.00334	.00109	.00049	.00179	.00044	.01335	.00084	.00006
%RSD	390.76	198.29	.77109	65.236	82.249	12.099	.92165	127.20

#1	.00296	-.00159	.06431	.00139	.00024	.09614	.09158	.00012
#2	-.00225	.00058	.06355	.00207	.00104	.12264	.09021	.00002
#3	-.00327	-.00063	.06339	.00477	.00032	.11221	.09174	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	43.575	.00005	.00626	.00528	.09736	.60679	1.3467
Stddev	.00006	.335	.00018	.00007	.00039	.00046	.00048	.0316
%RSD	31.906	.76782	330.21	1.0770	7.3782	.47729	.07830	2.3487

#1	.00017	43.957	.00000	.00627	.00569	.09779	.60677	1.3109
#2	.00027	43.338	-.00009	.00618	.00524	.09687	.60728	1.3586
#3	.00015	43.429	.00025	.00632	.00492	.09744	.60633	1.3707

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	-.00036	300.41	.00003	.05813	.83650	.00006	.01919
Stddev	.00027	.00025	1.84	.00040	.00008	.01389	.00024	.01237
%RSD	11.531	68.822	.61268	1382.7	.12965	1.6603	404.26	64.502

#1	.00204	-.00061	299.06	.00046	.05805	.83322	.00032	.00663
#2	.00254	-.00037	302.51	-.00033	.05819	.82455	.00000	.01955
#3	.00247	-.00011	299.67	-.00005	.05815	.85174	-.00015	.03137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29413	.87235	.00052	.00123	.00020	.0088	.19585	2.8936
Stddev	.00100	.00508	.00087	.00061	.00250	.0006	.00013	.2217
%RSD	.33982	.58212	167.97	49.435	1282.5	6.293	.06542	7.6620

#1	.29306	.87678	.00152	.00176	-.00255	.0082	.19589	2.8304
#2	.29430	.86681	.00014	.00056	.00235	.0092	.19596	3.1400
#3	.29504	.87345	-.00010	.00137	.00079	.0089	.19571	2.7103

Sample Name: K2204-04DUP Acquired: 4/23/2019 20:34:46 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-042219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.844
Stddev	2.012
%RSD	18.554

#1	8.5704
#2	12.394
#3	11.570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4696.1	57540.	5786.9	72.909	4590.4
Stddev	12.8	107.	19.5	1.691	7.1
%RSD	.27166	.18644	.33757	2.3198	.15563

#1	4681.4	57420.	5768.4	74.286	4584.3
#2	4702.3	57626.	5785.0	71.021	4598.2
#3	4704.6	57575.	5807.3	73.419	4588.6

Sample Name: K2204-04LX5 Acquired: 4/23/2019 20:39:20 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8154 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00018	.01319	.00093	.00020	.00940	.01914	.00007
Stddev	.00184	.00075	.00033	.00053	.00099	.00847	.00040	.00002
%RSD	152.86	408.75	2.5302	56.903	505.58	90.103	2.0909	23.044

#1	.00329	.00050	.01325	.00150	-.00089	.01663	.01870	.00007
#2	-.00016	-.00067	.01349	.00047	.00104	.01148	.01924	.00005
#3	.00048	.00073	.01283	.00081	.00044	.00008	.01949	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	9.0057	.00011	.00150	.00089	.02161	.12632	.22398
Stddev	.00001	.0116	.00007	.00011	.00005	.00089	.00024	.01790
%RSD	15.921	.12855	69.163	7.5146	5.1282	4.1241	.19224	7.9928

#1	.00008	8.9925	.00005	.00156	.00089	.02255	.12617	.23405
#2	.00006	9.0137	.00008	.00137	.00094	.02078	.12660	.23458
#3	.00007	9.0110	.00019	.00157	.00085	.02151	.12618	.20331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00033	60.932	.00002	.01242	.23326	-.00004	-.00296
Stddev	.00009	.00034	.090	.00040	.00008	.01403	.00005	.02696
%RSD	95.257	104.21	.14808	2100.2	.62549	6.0130	115.10	909.22

#1	.00007	-.00067	60.921	-.00042	.01237	.23977	-.00007	.02188
#2	.00002	-.00033	61.027	.00012	.01251	.21716	-.00007	-.03163
#3	.00019	.00002	60.848	.00035	.01237	.24284	.00001	.00085

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06882	.17982	-.00060	.00017	.00079	.0038	.03990	2.2034
Stddev	.00352	.00252	.00009	.00142	.00059	.0014	.00013	.0791
%RSD	5.1176	1.4000	15.829	824.59	73.974	36.17	.32255	3.5909

#1	.06617	.17771	-.00064	.00180	.00116	.0032	.03976	2.2939
#2	.06746	.17916	-.00066	-.00079	.00111	.0054	.03992	2.1476
#3	.07281	.18261	-.00049	-.00050	.00012	.0029	.04002	2.1686

Sample Name: K2204-04LX5 Acquired: 4/23/2019 20:39:20 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8154 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3656
 Stddev 2.5712
 %RSD 76.398

#1 .77632
 #2 5.9184
 #3 3.4020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4926.9	59982.	5881.4	75.775	4996.3
Stddev	10.8	163.	26.1	.330	8.1
%RSD	.21867	.27247	.44359	.43540	.16199

#1	4938.7	59801.	5857.4	75.530	5003.4
#2	4924.5	60027.	5909.1	76.150	4998.1
#3	4917.6	60118.	5877.6	75.645	4987.5

Sample Name: K2204-04MS Acquired: 4/23/2019 20:43:47 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 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	.77554	1.9209	1.0099	2.0759	.74463	2.0959	.30449	.19970	.19657
Stddev	.00748	.0088	.0065	.0122	.00271	.0229	.00225	.00013	.00090
%RSD	.96506	.45791	.64418	.58555	.36454	1.0943	.73837	.06729	.45822

#1	.76783	1.9112	1.0033	2.0715	.74151	2.0694	.30349	.19976	.19570
#2	.78278	1.9285	1.0163	2.0897	.74596	2.1099	.30706	.19955	.19750
#3	.77600	1.9229	1.0099	2.0666	.74643	2.1083	.30291	.19980	.19653

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.598	.40940	.20575	.30467	3.1448	.82776	3.3761	.50713	.07110
Stddev	.182	.00058	.00065	.00152	.0036	.00108	.0579	.00162	.00021
%RSD	.39952	.14124	.31549	.49883	.11398	.13082	1.7139	.31892	.29754

#1	45.682	.40882	.20514	.30326	3.1476	.82876	3.3166	.50635	.07123
#2	45.723	.40939	.20643	.30628	3.1461	.82791	3.4321	.50899	.07122
#3	45.389	.40998	.20567	.30447	3.1408	.82661	3.3797	.50605	.07086

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	306.15	.32087	.25414	11.741	.39448	.32836	.28986	1.7348	.68374
Stddev	1.03	.00043	.00087	.181	.00205	.02268	.00194	.0252	.00334
%RSD	.33499	.13549	.34413	1.5397	.52036	6.9066	.66844	1.4540	.48817

#1	305.67	.32054	.25326	11.532	.39266	.33364	.29194	1.7612	.68101
#2	305.45	.32071	.25500	11.849	.39670	.34793	.28812	1.7110	.68746
#3	307.33	.32136	.25416	11.842	.39406	.30351	.28951	1.7321	.68275

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19711	.19137	6.217	.39284	3.9301	11.648
Stddev	.00175	.00279	.018	.00227	.0395	1.302
%RSD	.88793	1.4578	.2903	.57764	1.0054	11.178

#1	.19912	.19287	6.209	.39465	3.9435	11.964
#2	.19632	.18815	6.238	.39358	3.9612	12.763
#3	.19590	.19308	6.204	.39030	3.8856	10.217

Sample Name: K2204-04MS Acquired: 4/23/2019 20:43:47 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-042219 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	4697.5	57914.	5791.0	74.340	4594.7
Stddev	3.2	146.	38.2	.405	.2
%RSD	.06735	.25157	.65931	.54471	.00415
#1	4700.9	58027.	5746.9	73.934	4594.5
#2	4694.6	57750.	5810.9	74.343	4594.8
#3	4697.0	57965.	5815.1	74.744	4594.8

Sample Name: K2204-04MSD Acquired: 4/23/2019 20:48:00 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 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	.77710	1.9374	1.0138	2.0795	.75574	2.1089	.30333	.20105	.19767
Stddev	.00219	.0053	.0046	.0065	.00423	.0178	.00145	.00013	.00037
%RSD	.28161	.27245	.45198	.31177	.56027	.84471	.47640	.06539	.18561

#1	.77686	1.9431	1.0191	2.0796	.76058	2.1016	.30485	.20115	.19737
#2	.77505	1.9327	1.0117	2.0860	.75390	2.1292	.30316	.20090	.19757
#3	.77940	1.9362	1.0106	2.0730	.75274	2.0959	.30197	.20110	.19808

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.785	.41647	.20647	.30750	3.1785	.79495	3.2962	.51319	.07154
Stddev	.012	.00171	.00073	.00136	.0032	.00147	.0192	.00087	.00041
%RSD	.02793	.41034	.35350	.44189	.10176	.18517	.58101	.16994	.57260

#1	43.799	.41541	.20731	.30882	3.1759	.79329	3.3183	.51405	.07171
#2	43.779	.41844	.20611	.30611	3.1774	.79548	3.2850	.51322	.07108
#3	43.778	.41555	.20600	.30757	3.1821	.79609	3.2852	.51230	.07184

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	292.60	.32331	.25227	11.742	.40110	.32876	.27467	1.7154	.69396
Stddev	.96	.00046	.00101	.055	.00120	.01062	.00210	.0186	.00424
%RSD	.32909	.14088	.39969	.46536	.30025	3.2307	.76375	1.0819	.61111

#1	291.49	.32375	.25341	11.701	.40236	.32088	.27240	1.7000	.69879
#2	293.22	.32284	.25150	11.804	.40096	.34084	.27654	1.7360	.69222
#3	293.09	.32332	.25190	11.720	.39997	.32457	.27506	1.7102	.69086

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20080	.19406	6.230	.38681	3.6204	12.144
Stddev	.00148	.00343	.015	.00132	.3279	1.380
%RSD	.73780	1.7680	.2340	.34141	9.0557	11.364

#1	.20029	.19010	6.239	.38654	3.5871	10.564
#2	.20247	.19618	6.238	.38824	3.3106	13.114
#3	.19964	.19589	6.214	.38564	3.9637	12.755

Sample Name: K2204-04MSD Acquired: 4/23/2019 20:48:00 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-042219 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	4677.0	57195.	5701.6	72.829	4579.9
Stddev	14.4	71.	16.5	.652	9.4
%RSD	.30727	.12423	.28861	.89478	.20429
#1	4662.5	57116.	5720.6	73.089	4569.9
#2	4691.3	57214.	5691.2	72.088	4588.5
#3	4677.3	57254.	5693.0	73.311	4581.3

Sample Name: K2204-04A Acquired: 4/23/2019 20:52:14 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8154 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	.77583	1.9319	1.0157	2.0826	.75100	2.1392	.30578	.20066	.19757
Stddev	.00324	.0066	.0043	.0078	.00310	.0255	.00339	.00019	.00105
%RSD	.41793	.34426	.42719	.37240	.41297	1.1924	1.1070	.09585	.53371
#1	.77221	1.9272	1.0115	2.0883	.75258	2.1120	.30513	.20083	.19761
#2	.77847	1.9395	1.0202	2.0857	.75299	2.1627	.30944	.20071	.19650
#3	.77682	1.9289	1.0153	2.0738	.74743	2.1428	.30276	.20045	.19861
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.734	.41537	.20635	.30659	3.1708	.81156	3.3629	.51264	.07151
Stddev	.305	.00108	.00053	.00071	.0049	.00075	.0702	.00171	.00044
%RSD	.68262	.26036	.25738	.23111	.15537	.09224	2.0870	.33445	.62103
#1	44.980	.41503	.20581	.30651	3.1719	.81225	3.2850	.51074	.07192
#2	44.830	.41658	.20687	.30734	3.1751	.81168	3.4213	.51408	.07157
#3	44.392	.41450	.20638	.30593	3.1654	.81076	3.3822	.51309	.07103
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	300.69	.32217	.25342	11.845	.39967	.32048	.28144	1.7446	.68972
Stddev	2.13	.00059	.00051	.099	.00083	.01565	.00340	.0092	.00363
%RSD	.70748	.18337	.20092	.83208	.20790	4.8843	1.2088	.52973	.52567
#1	298.32	.32150	.25353	11.743	.39923	.33505	.28209	1.7524	.68787
#2	302.45	.32240	.25386	11.939	.40062	.30393	.28447	1.7470	.69390
#3	301.29	.32262	.25286	11.853	.39915	.32244	.27776	1.7344	.68739
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20096	.19639	6.226	.39272	3.3321	9.4531			
Stddev	.00117	.00110	.014	.00206	.2106	2.1096			
%RSD	.58068	.55869	.2228	.52363	6.3206	22.317			
#1	.19989	.19681	6.225	.39371	3.5583	11.882			
#2	.20078	.19515	6.241	.39409	3.1416	8.3947			
#3	.20220	.19722	6.213	.39035	3.2964	8.0822			

Sample Name: K2204-04A Acquired: 4/23/2019 20:52:14 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8154 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	4682.1	57003.	5694.6	73.120	4580.2
Stddev	12.4	217.	37.9	.626	11.1
%RSD	.26563	.38106	.66614	.85586	.24292
#1	4670.1	57147.	5651.7	73.391	4569.9
#2	4694.9	56753.	5708.6	73.566	4592.0
#3	4681.2	57109.	5723.6	72.405	4578.8

Sample Name: K2518-04 Acquired: 4/23/2019 20:56:27 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MUDDY-BAGS 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	.00036	.01489	.00595	.00174	.22503	.11969	.00062
Stddev	.00276	.00047	.00122	.00150	.00014	.01967	.00181	.00004
%RSD	610.55	132.02	8.1752	25.263	8.0117	8.7409	1.5096	6.8838

#1	.00355	-.00003	.01506	.00610	.00163	.20617	.11788	.00066
#2	-.00047	.00022	.01359	.00738	.00190	.22350	.11968	.00062
#3	-.00173	.00088	.01601	.00438	.00170	.24542	.12150	.00058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	11.629	.01961	.01279	.00605	15.486	.67641	.60246
Stddev	.00002	.055	.00011	.00013	.00041	.021	.00158	.02523
%RSD	2.8671	.47001	.57705	1.0053	6.7923	.13431	.23391	4.1880

#1	.00060	11.566	.01971	.01270	.00589	15.491	.67653	.61112
#2	.00063	11.667	.01949	.01294	.00652	15.504	.67793	.57404
#3	.00060	11.653	.01964	.01273	.00575	15.464	.67477	.62221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01261	-.00136	260.92	.00124	.55451	.66805	.00025	.02007
Stddev	.00034	.00001	.79	.00013	.00145	.01800	.00017	.01573
%RSD	2.7119	1.0035	.30452	10.659	.26197	2.6943	70.480	78.379

#1	.01283	-.00137	260.02	.00139	.55433	.64727	.00045	.00191
#2	.01280	-.00134	261.53	.00114	.55604	.67805	.00017	.02867
#3	.01222	-.00136	261.21	.00120	.55315	.67883	.00012	.02963

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11198	.76355	.00018	.00340	.00361	.0131	.04788	2.7146
Stddev	.00113	.00561	.00081	.00107	.00282	.0013	.00025	.3451
%RSD	1.0125	.73443	442.59	31.304	78.008	10.14	.52563	12.712

#1	.11253	.76802	-.00018	.00372	.00138	.0134	.04762	2.9922
#2	.11273	.76539	-.00038	.00428	.00677	.0116	.04813	2.8235
#3	.11068	.75726	.00111	.00222	.00267	.0142	.04789	2.3282

Sample Name: K2518-04 Acquired: 4/23/2019 20:56:27 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MUDDY-BAGS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.4040
Stddev	.7182
%RSD	7.6375

#1	8.6960
#2	10.132
#3	9.3838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4746.9	57873.	5756.6	72.471	4678.3
Stddev	10.3	54.	51.9	.706	8.0
%RSD	.21800	.09417	.90101	.97428	.17117

#1	4751.2	57838.	5712.3	71.818	4682.9
#2	4735.1	57936.	5743.8	72.375	4669.1
#3	4754.5	57846.	5813.6	73.220	4683.0

Sample Name: K2518-07 Acquired: 4/23/2019 21:00:58 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MUDDY-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	.00041	.01190	.00921	.00072	.19469	.16462	.00077
Stddev	.00083	.00065	.00112	.00294	.00125	.00849	.00121	.00010
%RSD	50.562	156.95	9.4518	31.888	174.65	4.3625	.73517	12.996

#1	.00145	-.00030	.01317	.00587	.00115	.20289	.16485	.00083
#2	.00256	.00096	.01148	.01139	-.00069	.18593	.16331	.00084
#3	.00093	.00058	.01104	.01038	.00170	.19524	.16570	.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	8.5143	.01741	.01364	.00409	22.426	.60650	.81501
Stddev	.00007	.0480	.00057	.00020	.00032	.015	.00032	.02286
%RSD	6.7918	.56366	3.3016	1.4701	7.8611	.06602	.05294	2.8048

#1	-.00090	8.4708	.01698	.01378	.00420	22.409	.60613	.80630
#2	-.00103	8.5658	.01719	.01341	.00434	22.432	.60667	.84094
#3	-.00098	8.5063	.01807	.01372	.00373	22.437	.60671	.79778

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01589	-.00157	289.13	.00303	.45525	.76602	.00009	.04877
Stddev	.00020	.00049	1.09	.00038	.00118	.04288	.00036	.00952
%RSD	1.2519	31.011	.37597	12.516	.25837	5.5976	399.81	19.523

#1	.01580	-.00159	288.12	.00269	.45645	.71856	.00040	.04371
#2	.01574	-.00205	290.28	.00296	.45520	.77753	-.00030	.04286
#3	.01611	-.00108	288.99	.00344	.45410	.80197	.00017	.05976

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14089	.83614	-.00003	.00495	.00378	.0206	.03988	3.1964
Stddev	.00255	.00583	.00040	.00028	.00226	.0005	.00008	.1263
%RSD	1.8088	.69672	1302.9	5.5590	59.740	2.293	.20540	3.9501

#1	.13842	.82988	.00032	.00477	.00160	.0207	.03979	3.3417
#2	.14351	.83714	-.00046	.00482	.00363	.0201	.03995	3.1333
#3	.14074	.84140	.00006	.00527	.00610	.0210	.03990	3.1140

Sample Name: K2518-07 Acquired: 4/23/2019 21:00:58 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MUDDY-SOIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.322
Stddev	.154
%RSD	1.1561

#1	13.403
#2	13.145
#3	13.420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4702.9	56696.	5629.5	71.355	4622.4
Stddev	5.2	165.	37.1	.837	7.1
%RSD	.11058	.29150	.65974	1.1733	.15353

#1	4703.7	56803.	5663.3	71.832	4617.1
#2	4707.7	56505.	5589.7	71.845	4630.5
#3	4697.4	56778.	5635.4	70.389	4619.7

Sample Name: K2522-08 Acquired: 4/23/2019 21:05:30 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-WOODBURY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	-.00025	.03452	.00429	.00144	.12878	.44701	.00057
Stddev	.00116	.00026	.00063	.00106	.00088	.00869	.00511	.00001
%RSD	26.879	101.84	1.8129	24.831	61.014	6.7459	1.1442	2.0199

#1	.00493	.00001	.03524	.00523	.00103	.11983	.44199	.00055
#2	.00502	-.00027	.03422	.00313	.00084	.13718	.44681	.00058
#3	.00297	-.00050	.03410	.00450	.00245	.12932	.45222	.00056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	32.176	-.00082	.00830	.00078	13.581	.41211	3.1086
Stddev	.00001	.127	.00018	.00015	.00016	.031	.00147	.0438
%RSD	2.7289	.39347	21.941	1.7788	19.876	.22908	.35582	1.4089

#1	-.00049	32.249	-.00076	.00838	.00060	13.564	.41074	3.0700
#2	-.00049	32.248	-.00102	.00813	.00086	13.562	.41193	3.0996
#3	-.00051	32.030	-.00068	.00840	.00088	13.617	.41365	3.1562

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	-.00130	313.46	.00081	.29709	1.7432	-.00019	.05051
Stddev	.00020	.00030	.79	.00033	.00070	.0296	.00010	.01435
%RSD	8.0106	23.313	.25145	40.844	.23565	1.6956	51.948	28.404

#1	.00254	-.00130	312.98	.00102	.29784	1.7128	-.00008	.05169
#2	.00224	-.00161	313.03	.00098	.29646	1.7718	-.00027	.03561
#3	.00261	-.00100	314.37	.00043	.29696	1.7452	-.00021	.06423

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44316	.72916	-.00011	.00100	.00329	.0029	.12328	3.4551
Stddev	.00621	.00529	.00109	.00134	.00104	.0007	.00063	.1398
%RSD	1.4018	.72617	992.89	133.99	31.625	24.11	.50769	4.0467

#1	.44745	.73185	.00098	.00036	.00227	.0038	.12343	3.5527
#2	.44600	.73257	-.00011	.00010	.00435	.0025	.12382	3.2949
#3	.43604	.72306	-.00120	.00253	.00326	.0026	.12259	3.5177

Sample Name: K2522-08 Acquired: 4/23/2019 21:05:30 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-WOODBURY Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.660
 Stddev 2.397
 %RSD 16.350

#1 13.134
 #2 13.423
 #3 17.422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4641.4	56365.	5606.4	70.518	4535.8
Stddev	8.3	58.	85.0	.652	12.9
%RSD	.17987	.10255	1.5155	.92493	.28346

#1	4637.2	56304.	5529.8	69.817	4527.7
#2	4651.0	56420.	5591.8	71.106	4550.6
#3	4636.0	56370.	5697.8	70.632	4529.0

Sample Name: CCV10 Acquired: 4/23/2019 21:10:02 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14876 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8286	5.0181	4.7895	5.0165	4.7890	9.7860	10.111	.24665
Stddev	.0009	.0078	.0051	.0056	.0119	.0678	.023	.00042
%RSD	.01785	.15624	.10593	.11228	.24907	.69301	.22331	.17094
#1	4.8280	5.0106	4.7855	5.0197	4.8027	9.7662	10.101	.24635
#2	4.8296	5.0262	4.7879	5.0198	4.7826	9.7303	10.095	.24646
#3	4.8283	5.0175	4.7952	5.0100	4.7816	9.8615	10.137	.24713
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4319	25.321	1.0012	2.4199	1.2278	5.0154	2.4833	24.512
Stddev	.0009	.086	.0006	.0037	.0055	.0055	.0031	.242
%RSD	.03849	.34122	.06265	.15334	.44379	.10858	.12599	.98772
#1	2.4315	25.242	1.0019	2.4165	1.2340	5.0167	2.4805	24.291
#2	2.4330	25.413	1.0006	2.4239	1.2258	5.0094	2.4828	24.475
#3	2.4313	25.308	1.0012	2.4195	1.2237	5.0201	2.4867	24.771
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4783	1.2363	24.961	2.5288	2.4009	25.682	4.8398	5.1317
Stddev	.0012	.0016	.074	.0014	.0033	.129	.0153	.0527
%RSD	.04716	.12680	.29785	.05560	.13901	.50421	.31670	1.0269
#1	2.4786	1.2358	24.901	2.5302	2.3970	25.635	4.8554	5.1141
#2	2.4793	1.2380	24.937	2.5274	2.4028	25.582	4.8395	5.0901
#3	2.4770	1.2350	25.044	2.5289	2.4029	25.828	4.8247	5.1910
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1648	4.9434	4.9260	4.9144	4.7402	5.141	4.9978	F 3.2667
Stddev	.0197	.0485	.0076	.0088	.0524	.009	.0433	.1682
%RSD	.38217	.98094	.15411	.17896	1.1065	.1770	.86559	5.1480
#1	5.1438	4.9357	4.9185	4.9051	4.7277	5.132	4.9840	3.4053
#2	5.1678	4.9953	4.9337	4.9225	4.7978	5.141	5.0462	3.0797
#3	5.1830	4.8992	4.9259	4.9156	4.6951	5.150	4.9631	3.3152

Sample Name: CCV10 Acquired: 4/23/2019 21:10:02 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14876 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1890
Stddev	1.5685
%RSD	49.184

#1	4.5124
#2	1.4565
#3	3.5979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4867.9	59177.	5750.2	73.098	4778.0
Stddev	20.0	100.	55.4	.885	11.7
%RSD	.40986	.16841	.96391	1.2108	.24558

#1	4849.0	59286.	5760.1	72.098	4775.8
#2	4865.9	59156.	5690.5	73.783	4767.5
#3	4888.8	59090.	5800.1	73.411	4790.7

Sample Name: CCB10 Acquired: 4/23/2019 21:14:03 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14876 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00105	.00000	.00135	.00070	-.00539	.00104	.00004
Stddev	.00143	.00046	.00070	.00117	.00098	.00750	.00047	.00004
%RSD	170.64	43.567	308340.	86.879	140.28	139.21	45.130	90.091
#1	.00046	.00145	.00026	.00066	-.00041	-.00916	.00134	.00005
#2	-.00237	.00055	.00053	.00068	.00145	-.01026	.00128	.00007
#3	-.00060	.00115	-.00079	.00270	.00106	.00325	.00050	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00875	-.00005	.00029	-.00028	.00070	.00002	.01481
Stddev	.00007	.00818	.00007	.00026	.00024	.00063	.00002	.01075
%RSD	487.05	93.411	137.77	90.566	85.819	89.798	139.21	72.576
#1	.00000	.01159	-.00009	-.00001	-.00008	.00077	.00004	.02314
#2	.00009	-.00046	.00003	.00047	-.00021	.00004	.00000	.01860
#3	-.00005	.01513	-.00008	.00041	-.00054	.00129	.00000	.00268
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00030	.03748	.00019	.00005	-.02411	.00050	-.00673
Stddev	.00024	.00057	.01000	.00027	.00001	.02648	.00022	.00527
%RSD	115.43	193.19	26.686	143.35	20.441	109.83	43.921	78.305
#1	.00013	-.00082	.03035	.00047	.00007	-.01555	.00074	-.00905
#2	.00047	-.00039	.03317	.00016	.00004	-.00297	.00045	-.01043
#3	.00002	.00032	.04891	-.00007	.00005	-.05380	.00031	-.00070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00605	.00215	-.00029	.00048	.00033	.0025	.00007	F 1.9554
Stddev	.00139	.00069	.00044	.00088	.00050	.0006	.00005	.2821
%RSD	23.048	32.209	149.32	181.22	151.12	25.19	80.697	14.427
#1	.00611	.00280	-.00021	-.00052	-.00012	.0018	.00001	1.8268
#2	.00462	.00142	.00010	.00111	.00024	.0027	.00008	2.2789
#3	.00741	.00222	-.00077	.00087	.00088	.0031	.00011	1.7605

Sample Name: CCB10 Acquired: 4/23/2019 21:14:03 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14876 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5225
Stddev	1.7246
%RSD	68.367

#1	3.2261
#2	3.7841
#3	.55738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5066.4	61616.	5810.2	75.558	5413.0
Stddev	7.0	333.	36.2	.408	9.0
%RSD	.13821	.54051	.62348	.53947	.16673

#1	5058.7	61271.	5775.2	75.882	5406.7
#2	5068.3	61936.	5807.7	75.691	5408.9
#3	5072.3	61640.	5847.6	75.100	5423.3

Sample Name: K2526-03 Acquired: 4/23/2019 21:18:32 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-ROLLOFF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	-.00037	.00640	.00464	.00033	.05319	.13418	.00024
Stddev	.00187	.00152	.00078	.00191	.00097	.01225	.00006	.00005
%RSD	116.33	411.33	12.152	41.233	290.31	23.023	.04723	21.388

#1	-.00023	.00138	.00667	.00290	.00144	.05373	.13417	.00022
#2	.00155	-.00128	.00552	.00669	-.00009	.06516	.13425	.00029
#3	.00350	-.00122	.00700	.00434	-.00035	.04069	.13412	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	66.176	-.00008	.00168	.00734	3.2801	.36103	1.6940
Stddev	.00014	.261	.00016	.00016	.00020	.0005	.00035	.0155
%RSD	64.034	.39476	192.60	9.4701	2.7727	.01494	.09731	.91577

#1	.00038	66.189	-.00017	.00183	.00739	3.2798	.36117	1.6964
#2	.00013	65.909	.00010	.00151	.00751	3.2799	.36129	1.6775
#3	.00015	66.431	-.00019	.00169	.00712	3.2807	.36063	1.7083

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01597	-.00054	323.25	.00127	.06414	1.4900	.00038	.01388
Stddev	.00010	.00031	2.74	.00006	.00025	.0397	.00020	.01694
%RSD	.64242	57.296	.84766	4.5920	.38823	2.6629	51.030	122.07

#1	.01586	-.00018	322.78	.00120	.06442	1.4622	.00059	.00853
#2	.01598	-.00072	320.77	.00130	.06406	1.4723	.00020	.03285
#3	.01606	-.00072	326.19	.00130	.06394	1.5354	.00037	.00026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49213	.35729	.00048	-.00211	.00465	.0036	.23630	3.1599
Stddev	.00546	.00297	.00079	.00100	.00145	.0006	.00083	.2677
%RSD	1.1094	.83154	164.80	47.543	31.219	16.68	.34929	8.4701

#1	.49644	.35862	-.00024	-.00150	.00330	.0043	.23644	3.0299
#2	.49397	.35936	.00132	-.00156	.00447	.0032	.23541	2.9821
#3	.48599	.35388	.00036	-.00327	.00619	.0033	.23704	3.4677

Sample Name: K2526-03 Acquired: 4/23/2019 21:18:32 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-ROLLOFF Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.974
Stddev	.608
%RSD	3.8062

#1	15.625
#2	16.676
#3	15.621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4630.4	56370.	5663.1	71.105	4522.8
Stddev	5.3	208.	4.6	1.624	8.5
%RSD	.11448	.36904	.08186	2.2835	.18709

#1	4635.7	56136.	5658.4	69.712	4515.5
#2	4630.2	56534.	5663.3	72.888	4532.1
#3	4625.1	56439.	5667.7	70.715	4520.8

Sample Name: K2526-05 Acquired: 4/23/2019 21:23:04 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-72- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	-.00063	.00291	.00219	.00016	-.00822	.14133	.00003
Stddev	.00192	.00098	.00073	.00055	.00064	.00305	.00099	.00007
%RSD	61.082	155.44	25.009	25.115	401.09	37.111	.70035	253.14

#1	-.00474	-.00105	.00207	.00272	-.00058	-.00914	.14043	.00010
#2	-.00368	-.00134	.00336	.00221	.00051	-.01072	.14239	-.00005
#3	-.00101	.00049	.00329	.00163	.00055	-.00482	.14118	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	211.00	.00010	.00112	.00065	-.00213	.18911	4.2793
Stddev	.00004	.22	.00015	.00002	.00019	.00055	.00029	.0420
%RSD	66.016	.10315	155.74	2.1136	29.110	25.851	.15154	.98044

#1	.00008	210.88	.00001	.00115	.00064	-.00159	.18919	4.2634
#2	.00001	211.26	.00028	.00112	.00084	-.00211	.18879	4.2475
#3	.00007	210.88	.00001	.00110	.00047	-.00269	.18935	4.3268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00031	326.96	.00068	.03403	.76689	.00109	.06059
Stddev	.00020	.00031	2.72	.00030	.00010	.03000	.00029	.00941
%RSD	7.2771	98.565	.83325	44.499	.28558	3.9120	26.129	15.536

#1	.00295	.00000	325.33	.00034	.03406	.73518	.00084	.05317
#2	.00255	-.00061	330.10	.00081	.03410	.79482	.00140	.07118
#3	.00279	-.00033	325.43	.00090	.03392	.77069	.00104	.05741

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3744	5.5847	-.00147	-.00573	.01364	.0071	1.2238	3.6116
Stddev	.0398	.0454	.00064	.00018	.00211	.0018	.0010	.1307
%RSD	.74092	.81256	43.724	3.1148	15.436	25.26	.08258	3.6196

#1	5.3889	5.6156	-.00200	-.00594	.01370	.0090	1.2236	3.7391
#2	5.4050	5.5326	-.00076	-.00563	.01151	.0069	1.2249	3.6180
#3	5.3294	5.6058	-.00165	-.00563	.01572	.0055	1.2229	3.4778

Sample Name: K2526-05 Acquired: 4/23/2019 21:23:04 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-72- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.383
 Stddev 1.852
 %RSD 11.304

#1 15.228
 #2 15.402
 #3 18.519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4495.4	55181.	5609.1	69.721	4405.1
Stddev	7.7	172.	31.1	.471	7.2
%RSD	.17033	.31102	.55525	.67505	.16346

#1	4492.8	55323.	5577.1	69.194	4396.8
#2	4504.1	54991.	5639.3	69.873	4409.8
#3	4489.4	55230.	5611.1	70.098	4408.8

Sample Name: K2530-02 Acquired: 4/23/2019 21:27:37 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-MANAGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	.00000	.00337	.00331	.00070	-.00681	.12071	-.00003
Stddev	.00242	.00224	.00043	.00161	.00061	.01354	.00041	.00006
%RSD	118.78	150040.	12.853	48.660	86.770	198.84	.34153	224.97

#1	.00047	.00256	.00367	.00161	.00074	.00105	.12111	-.00002
#2	-.00222	-.00091	.00357	.00481	.00129	.00096	.12029	-.00009
#3	-.00436	-.00164	.00287	.00351	.00007	-.02244	.12074	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	178.84	.06641	.00020	.00059	-.00239	.00548	4.1488
Stddev	.00005	.50	.00024	.00010	.00064	.00044	.00009	.0439
%RSD	52.578	.28210	.36849	50.345	107.81	18.516	1.5814	1.0581

#1	-.00015	178.39	.06659	.00024	-.00011	-.00290	.00551	4.1316
#2	-.00009	178.75	.06613	.00009	.00114	-.00208	.00554	4.1987
#3	-.00005	179.39	.06652	.00028	.00074	-.00220	.00538	4.1161

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00810	-.00051	313.33	.01499	.01600	5.0641	.01720	.02807
Stddev	.00034	.00046	3.70	.00060	.00005	.0576	.00034	.00920
%RSD	4.1804	91.553	1.1815	4.0249	.32248	1.1381	1.9577	32.782

#1	.00832	-.00051	311.52	.01430	.01594	5.0114	.01683	.02971
#2	.00771	-.00004	317.59	.01545	.01604	5.1257	.01749	.03633
#3	.00827	-.00097	310.88	.01521	.01602	5.0551	.01729	.01815

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4126	6.4195	-.00121	-.00361	.01601	.0008	.18693	3.0668
Stddev	.0158	.0243	.00072	.00199	.00216	.0016	.00059	.2976
%RSD	.29274	.37859	59.554	55.201	13.475	204.4	.31590	9.7053

#1	5.3985	6.4156	-.00067	-.00357	.01443	-.0009	.18638	3.3200
#2	5.4297	6.3974	-.00203	-.00163	.01513	.0023	.18685	2.7389
#3	5.4097	6.4455	-.00092	-.00561	.01847	.0011	.18755	3.1414

Sample Name: K2530-02 Acquired: 4/23/2019 21:27:37 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WASTE-MANAGE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.821
Stddev	3.234
%RSD	18.147

#1	15.572
#2	16.363
#3	21.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4521.0	55098.	5554.2	69.740	4433.2
Stddev	20.3	189.	9.5	1.279	15.4
%RSD	.44967	.34392	.17092	1.8345	.34736

#1	4499.6	55081.	5549.0	70.563	4416.7
#2	4523.3	54918.	5565.1	70.391	4435.9
#3	4540.1	55296.	5548.4	68.266	4447.1

Sample Name: K2530-04 Acquired: 4/23/2019 21:32:11 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	-.00020	.00303	.00339	.00018	-.00054	.11098	.00002
Stddev	.00077	.00032	.00067	.00177	.00168	.00896	.00053	.00008
%RSD	24.113	158.04	22.280	52.371	916.12	1670.9	.47984	356.86

#1	-.00279	-.00027	.00229	.00533	-.00139	.00160	.11038	.00011
#2	-.00406	.00015	.00317	.00185	-.00001	.00716	.11116	-.00001
#3	-.00268	-.00048	.00362	.00298	.00195	-.01037	.11139	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	195.13	.02133	.00059	.00080	-.00127	.07202	4.3182
Stddev	.00006	.23	.00017	.00022	.00016	.00062	.00038	.0605
%RSD	286.40	.11746	.79377	36.781	20.622	48.961	.53210	1.4019

#1	-.00004	195.12	.02127	.00040	.00089	-.00194	.07193	4.2560
#2	.00004	195.36	.02120	.00054	.00061	-.00114	.07168	4.3216
#3	-.00006	194.90	.02152	.00083	.00090	-.00072	.07243	4.3770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	-.00023	317.02	.00241	.05272	2.0004	.00261	.04678
Stddev	.00010	.00044	2.71	.00021	.00021	.0151	.00022	.01001
%RSD	1.5770	188.11	.85408	8.9146	.40144	.75361	8.4801	21.410

#1	.00664	.00002	314.07	.00225	.05249	1.9832	.00263	.05752
#2	.00658	-.00074	317.62	.00265	.05276	2.0113	.00282	.04511
#3	.00644	.00002	319.38	.00232	.05290	2.0066	.00238	.03770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0642	4.9908	-.00150	-.00554	.01699	.0060	.92042	3.1788
Stddev	.0167	.0310	.00114	.00069	.00046	.0001	.00239	.1860
%RSD	.27450	.62199	76.061	12.532	2.7036	2.190	.25959	5.8529

#1	6.0480	5.0108	-.00024	-.00509	.01649	.0061	.92019	3.3532
#2	6.0634	5.0066	-.00180	-.00634	.01738	.0061	.92292	3.2003
#3	6.0813	4.9551	-.00246	-.00518	.01710	.0058	.91816	2.9830

Sample Name: K2530-04 Acquired: 4/23/2019 21:32:11 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.125
Stddev	.558
%RSD	3.0771

#1	17.815
#2	18.769
#3	17.790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4502.0	55026.	5554.3	69.236	4420.3
Stddev	12.2	62.	38.9	.568	7.7
%RSD	.27067	.11271	.70124	.82084	.17344

#1	4495.7	55020.	5537.3	68.642	4416.6
#2	4494.3	54967.	5526.8	69.291	4415.1
#3	4516.0	55090.	5598.9	69.774	4429.1

Sample Name: K2532-04 Acquired: 4/23/2019 21:36:43 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00199	-.00135	.00180	.00282	.00096	.06709	.07177	.00002
Stddev	.00086	.00052	.00047	.00142	.00066	.00337	.00103	.00004
%RSD	43.367	38.271	25.943	50.503	69.252	5.0169	1.4393	156.06

#1	-.00168	-.00098	.00198	.00221	.00024	.06998	.07086	.00000
#2	-.00133	-.00112	.00215	.00444	.00156	.06789	.07289	.00000
#3	-.00297	-.00194	.00127	.00180	.00108	.06339	.07156	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	5.6840	.00033	.00009	.00297	.04427	.01051	.96980
Stddev	.00003	.0076	.00040	.00010	.00030	.00062	.00001	.03005
%RSD	163.46	.13404	123.50	117.30	10.247	1.3914	.08740	3.0988

#1	.00001	5.6906	-.00013	-.00000	.00262	.04366	.01052	.94296
#2	-.00002	5.6756	.00063	.00020	.00319	.04489	.01050	1.0023
#3	-.00005	5.6858	.00047	.00007	.00309	.04425	.01051	.96418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00027	282.43	.00066	.01439	.64001	-.00002	.00495
Stddev	.00026	.00012	2.27	.00024	.00015	.04623	.00026	.00230
%RSD	38.640	44.150	.80307	35.620	1.0162	7.2232	1126.2	46.499

#1	-.00069	-.00021	282.55	.00041	.01424	.60467	.00016	.00687
#2	-.00040	-.00040	284.63	.00088	.01453	.69233	-.00032	.00559
#3	-.00092	-.00018	280.10	.00068	.01440	.62304	.00009	.00240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05772	.40234	-.00015	.00280	.00192	.0106	.02839	2.9536
Stddev	.00279	.00808	.00013	.00212	.00125	.0018	.00010	.0139
%RSD	4.8402	2.0079	84.215	75.913	65.082	17.19	.35391	.46975

#1	.05835	.41135	-.00017	.00261	.00058	.0097	.02830	2.9693
#2	.06014	.39572	-.00002	.00077	.00211	.0126	.02838	2.9432
#3	.05466	.39996	-.00026	.00500	.00306	.0094	.02850	2.9482

Sample Name: K2532-04 Acquired: 4/23/2019 21:36:43 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.3960
 Stddev 1.0737
 %RSD 11.427

#1 8.8731
 #2 10.631
 #3 8.6838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4690.2	56946.	5660.7	71.941	4631.0
Stddev	6.8	180.	53.3	2.942	4.3
%RSD	.14543	.31600	.94105	4.0901	.09363

#1	4692.2	56909.	5604.7	68.650	4630.8
#2	4695.8	56788.	5710.8	74.318	4635.4
#3	4682.6	57142.	5666.4	72.855	4626.7

Sample Name: K2532-08 Acquired: 4/23/2019 21:41:18 Type: Unk
Method: P4-ICP2(v3065) 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	-.00209	-.00116	.00181	.00439	.00162	.10646	.06720	.00004
Stddev	.00187	.00057	.00131	.00107	.00154	.00196	.00038	.00002
%RSD	89.749	49.180	72.507	24.345	95.082	1.8413	.56390	36.351

#1	-.00226	-.00181	.00168	.00452	.00055	.10723	.06764	.00004
#2	-.00387	-.00073	.00319	.00538	.00092	.10423	.06701	.00003
#3	-.00013	-.00095	.00057	.00326	.00338	.10792	.06695	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.7900	.00061	-.00018	.00189	.04701	.00819	.57030
Stddev	.00003	.0489	.00012	.00015	.00037	.00107	.00005	.04982
%RSD	314.95	.72004	19.562	83.644	19.580	2.2806	.64975	8.7358

#1	-.00000	6.7340	.00048	-.00008	.00149	.04684	.00822	.62070
#2	-.00004	6.8247	.00072	-.00035	.00194	.04815	.00812	.56914
#3	.00002	6.8112	.00062	-.00011	.00223	.04603	.00822	.52108

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00010	307.64	.00037	.01351	.58523	.00003	-.00022
Stddev	.00029	.00020	.79	.00010	.00005	.01107	.00040	.00586
%RSD	23.376	196.23	.25763	27.904	.36060	1.8911	1245.8	2720.8

#1	-.00124	-.00032	308.46	.00047	.01348	.59027	-.00041	-.00036
#2	-.00151	-.00006	307.59	.00037	.01348	.59288	.00013	.00571
#3	-.00094	.00008	306.88	.00027	.01356	.57254	.00037	-.00600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06247	.52134	.00095	.00326	.00279	.0111	.03679	3.4444
Stddev	.00245	.00281	.00073	.00198	.00043	.0019	.00020	.0914
%RSD	3.9285	.53884	76.809	60.813	15.285	17.32	.55076	2.6526

#1	.06210	.52380	.00149	.00187	.00319	.0106	.03674	3.5499
#2	.06509	.51828	.00012	.00238	.00283	.0132	.03662	3.3953
#3	.06023	.52193	.00122	.00553	.00234	.0094	.03701	3.3882

Sample Name: K2532-08 Acquired: 4/23/2019 21:41:18 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.012
 Stddev .536
 %RSD 5.3565

#1 9.4605
 #2 10.532
 #3 10.043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4628.0	56233.	5593.2	72.317	4561.6
Stddev	7.0	287.	14.2	.830	9.4
%RSD	.15207	.50993	.25371	1.1480	.20573

#1	4630.8	55996.	5596.9	72.573	4571.6
#2	4620.0	56151.	5605.1	71.389	4553.0
#3	4633.2	56552.	5577.5	72.989	4560.2

Sample Name: K2532-12 Acquired: 4/23/2019 21:45:54 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00202	-.00138	.00269	.00301	.00082	.86752	.11317	.00007
Stddev	.00071	.00083	.00027	.00079	.00086	.01541	.00043	.00007
%RSD	35.001	60.150	9.8531	26.130	104.66	1.7759	.37813	100.18

#1	-.00189	-.00228	.00257	.00390	.00031	.86588	.11294	-.00000
#2	-.00138	-.00065	.00251	.00270	.00033	.88368	.11366	.00008
#3	-.00278	-.00121	.00299	.00242	.00181	.85299	.11291	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	2.7270	.00070	.00299	.00404	.91513	.66547	.61713
Stddev	.00005	.0211	.00051	.00009	.00040	.00073	.00118	.02465
%RSD	375.00	.77453	72.120	2.9231	9.8777	.07946	.17745	3.9937

#1	.00007	2.7027	.00125	.00289	.00373	.91437	.66425	.58990
#2	-.00002	2.7379	.00062	.00301	.00449	.91520	.66556	.62359
#3	-.00001	2.7405	.00024	.00307	.00391	.91582	.66661	.63791

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00037	268.29	.00211	.02652	.59638	.00016	.00696
Stddev	.00002	.00014	.98	.00046	.00003	.02622	.00002	.00583
%RSD	2.0088	37.325	.36564	21.599	.12786	4.3961	10.414	83.847

#1	.00084	-.00052	269.11	.00253	.02652	.59537	.00014	.01221
#2	.00087	-.00031	268.57	.00217	.02648	.62309	.00017	.00068
#3	.00085	-.00027	267.20	.00162	.02655	.57068	.00016	.00798

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07343	1.1502	.00068	.03065	.00138	.0302	.01402	3.4699
Stddev	.00217	.0158	.00060	.00119	.00059	.0024	.00010	.0402
%RSD	2.9574	1.3712	87.875	3.8735	42.709	8.120	.70145	1.1587

#1	.07552	1.1598	-.00001	.03194	.00081	.0319	.01391	3.4672
#2	.07118	1.1320	.00103	.02960	.00199	.0274	.01409	3.5114
#3	.07359	1.1587	.00101	.03041	.00134	.0313	.01406	3.4311

Sample Name: K2532-12 Acquired: 4/23/2019 21:45:54 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.918
Stddev	2.099
%RSD	15.081

#1	15.943
#2	11.752
#3	14.060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4645.5	56159.	5615.5	72.683	4588.3
Stddev	5.8	93.	66.5	1.911	8.0
%RSD	.12584	.16534	1.1847	2.6287	.17383

#1	4640.6	56052.	5550.9	72.132	4580.2
#2	4644.0	56216.	5683.8	74.809	4588.6
#3	4652.0	56209.	5611.9	71.109	4596.2

Sample Name: K2532-16 Acquired: 4/23/2019 21:50:29 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	-.00130	.00235	.00337	.00155	.09723	.08478	.00002
Stddev	.00130	.00045	.00046	.00222	.00080	.00992	.00073	.00003
%RSD	55.296	34.253	19.572	66.001	51.253	10.203	.85747	152.18

#1	-.00332	-.00083	.00254	.00107	.00171	.10718	.08558	.00001
#2	-.00287	-.00172	.00182	.00353	.00069	.08734	.08415	-.00001
#3	-.00087	-.00136	.00268	.00550	.00226	.09717	.08462	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	5.7620	.00041	.00003	.00298	.08174	.00684	.62258
Stddev	.00003	.0435	.00048	.00026	.00025	.00085	.00003	.04889
%RSD	730.89	.75498	118.63	905.38	8.5401	1.0340	.48359	7.8522

#1	.00003	5.7263	.00074	-.00026	.00326	.08102	.00684	.59644
#2	-.00001	5.7494	-.00015	.00011	.00277	.08267	.00687	.67898
#3	-.00003	5.8105	.00063	.00024	.00291	.08152	.00680	.59232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00022	271.20	.00030	.01323	.37296	-.00011	.00233
Stddev	.00013	.00019	.97	.00034	.00016	.02148	.00005	.02023
%RSD	15.463	85.872	.35616	114.12	1.2347	5.7594	43.040	869.86

#1	-.00072	-.00002	272.25	.00029	.01337	.34816	-.00011	-.01154
#2	-.00088	-.00039	270.99	.00064	.01327	.38520	-.00015	.02554
#3	-.00098	-.00025	270.35	-.00004	.01305	.38553	-.00006	-.00703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06164	.31432	-.00021	.00350	.00119	.0148	.02979	3.2220
Stddev	.00424	.00179	.00038	.00148	.00227	.0006	.00021	.0940
%RSD	6.8834	.56819	176.29	42.224	190.93	3.890	.69192	2.9190

#1	.05686	.31421	-.00001	.00182	-.00137	.0147	.02974	3.1915
#2	.06307	.31260	-.00065	.00460	.00199	.0142	.03001	3.3275
#3	.06498	.31616	.00001	.00407	.00294	.0154	.02961	3.1470

Sample Name: K2532-16 Acquired: 4/23/2019 21:50:29 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-17 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.102
Stddev	2.532
%RSD	22.805

#1	12.502
#2	8.1794
#3	12.625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4678.5	56446.	5565.5	71.908	4617.4
Stddev	9.3	147.	24.9	.998	7.2
%RSD	.19873	.26000	.44702	1.3874	.15630

#1	4675.9	56291.	5559.1	72.098	4618.9
#2	4688.8	56465.	5544.4	72.798	4623.8
#3	4670.8	56583.	5592.9	70.830	4609.6

Sample Name: K2532-20 Acquired: 4/23/2019 21:55:06 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	-.00115	.00266	.00180	.00102	.10151	.05675	.00007
Stddev	.00217	.00092	.00050	.00140	.00120	.00540	.00076	.00002
%RSD	80.650	80.215	18.659	78.058	117.40	5.3214	1.3382	28.460

#1	-.00517	-.00208	.00312	.00217	.00232	.10108	.05620	.00005
#2	-.00108	-.00024	.00274	.00298	-.00004	.09633	.05643	.00008
#3	-.00183	-.00113	.00213	.00025	.00078	.10711	.05761	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	2.3920	.00053	.00019	.00306	.04038	.02372	.35933
Stddev	.00003	.0182	.00004	.00020	.00028	.00023	.00015	.04459
%RSD	121.70	.76025	7.8554	104.37	9.0044	.57997	.61190	12.409

#1	-.00001	2.4013	.00058	.00040	.00335	.04065	.02356	.35637
#2	.00003	2.3711	.00052	-.00001	.00304	.04026	.02377	.40532
#3	.00004	2.4037	.00050	.00019	.00280	.04024	.02384	.31629

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00019	319.07	-.00011	.01490	.28453	.00022	-.00156
Stddev	.00002	.00034	.94	.00016	.00010	.02549	.00021	.00890
%RSD	30.468	178.91	.29437	143.61	.68327	8.9572	96.915	572.23

#1	-.00010	.00018	318.23	.00007	.01498	.27061	-.00002	.00828
#2	-.00006	-.00026	318.90	-.00024	.01478	.26903	.00037	-.00907
#3	-.00006	-.00049	320.09	-.00017	.01493	.31394	.00032	-.00388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06162	.20237	.00017	.00033	.00254	.0105	.01009	3.2074
Stddev	.00349	.00285	.00028	.00171	.00048	.0005	.00001	.3025
%RSD	5.6590	1.4064	160.90	516.51	18.909	4.873	.13056	9.4318

#1	.05761	.20071	-.00012	.00111	.00272	.0100	.01010	3.5205
#2	.06388	.20566	.00044	.00151	.00291	.0107	.01007	2.9167
#3	.06337	.20075	.00019	-.00163	.00200	.0110	.01010	3.1851

Sample Name: K2532-20 Acquired: 4/23/2019 21:55:06 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.373
Stddev	.947
%RSD	7.6534

#1	13.221
#2	11.351
#3	12.545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4649.4	55945.	5501.7	69.780	4572.8
Stddev	14.0	128.	41.7	.528	12.0
%RSD	.30090	.22898	.75751	.75638	.26252

#1	4633.5	55956.	5466.7	69.266	4559.7
#2	4655.2	55812.	5490.6	70.320	4583.3
#3	4659.6	56068.	5547.8	69.752	4575.3

Sample Name: K2532-24 Acquired: 4/23/2019 21:59:43 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	-.00082	.00155	.00189	.00055	.02962	.06942	.00005
Stddev	.00224	.00040	.00093	.00034	.00125	.00335	.00082	.00006
%RSD	112.44	49.123	60.319	17.964	229.86	11.309	1.1776	111.24

#1	.00036	-.00070	.00048	.00226	.00199	.02586	.06854	.00010
#2	-.00410	-.00049	.00223	.00183	-.00023	.03226	.06954	-.00001
#3	-.00224	-.00127	.00192	.00159	-.00012	.03075	.07016	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	9.2644	.00034	-.00001	.00184	.02180	.01085	2.0778
Stddev	.00006	.0366	.00013	.00019	.00039	.00042	.00016	.0111
%RSD	1792.4	.39536	39.329	1363.9	21.273	1.9042	1.5129	.53478

#1	.00004	9.2342	.00020	.00014	.00154	.02197	.01091	2.0671
#2	.00003	9.2539	.00046	.00004	.00169	.02210	.01097	2.0769
#3	-.00006	9.3051	.00036	-.00023	.00228	.02133	.01066	2.0893

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00038	279.77	.00036	.01625	.16307	-.00015	-.00804
Stddev	.00016	.00019	1.82	.00048	.00009	.04307	.00022	.02083
%RSD	23.169	48.756	.65063	136.14	.54848	26.411	143.30	258.94

#1	-.00052	-.00042	278.43	.00068	.01621	.11390	.00008	-.00274
#2	-.00075	-.00018	279.04	-.00020	.01619	.18122	-.00017	.00962
#3	-.00084	-.00055	281.84	.00059	.01635	.19409	-.00036	-.03101

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09162	.44143	.00035	.00042	.00248	.0049	.03615	2.9805
Stddev	.00312	.00374	.00079	.00186	.00050	.0009	.00007	.1373
%RSD	3.4051	.84805	227.95	447.58	19.934	18.71	.20145	4.6076

#1	.09471	.44364	-.00002	.00026	.00304	.0042	.03616	2.9133
#2	.09170	.44354	.00125	.00235	.00209	.0045	.03607	2.8896
#3	.08847	.43710	-.00020	-.00136	.00232	.0059	.03621	3.1384

Sample Name: K2532-24 Acquired: 4/23/2019 21:59:43 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.171
Stddev	1.894
%RSD	18.621

#1	8.2465
#2	12.033
#3	10.234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4692.8	56561.	5599.1	71.977	4625.3
Stddev	4.6	177.	44.5	.965	4.4
%RSD	.09754	.31345	.79511	1.3411	.09433

#1	4697.8	56695.	5553.7	70.875	4622.6
#2	4691.7	56627.	5600.9	72.380	4623.0
#3	4688.9	56360.	5642.7	72.675	4630.3

Sample Name: CCV11 Acquired: 4/23/2019 22:04:19 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14877 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7030	4.9044	4.6937	4.9021	4.6715	9.6893	9.9252	.24626
Stddev	.0032	.0050	.0082	.0037	.0083	.0892	.0134	.00051
%RSD	.06858	.10228	.17445	.07586	.17673	.92097	.13530	.20543
#1	4.7060	4.9102	4.6876	4.8994	4.6748	9.6027	9.9279	.24589
#2	4.7035	4.9020	4.7030	4.9006	4.6621	9.6843	9.9371	.24684
#3	4.6996	4.9010	4.6905	4.9064	4.6776	9.7810	9.9107	.24606
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3947	25.328	.99978	2.4070	1.2302	4.9990	2.4727	24.306
Stddev	.0032	.021	.00221	.0022	.0010	.0020	.0049	.299
%RSD	.13363	.08108	.22113	.08932	.08003	.03943	.19881	1.2315
#1	2.3910	25.321	1.0017	2.4062	1.2291	4.9991	2.4693	24.001
#2	2.3964	25.312	1.0003	2.4095	1.2309	5.0009	2.4783	24.319
#3	2.3967	25.351	.99736	2.4054	1.2307	4.9970	2.4705	24.599
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4863	1.2367	24.583	2.5303	2.3990	25.331	4.8960	5.2074
Stddev	.0036	.0007	.111	.0032	.0007	.073	.0105	.0610
%RSD	.14622	.05394	.45251	.12647	.02841	.28667	.21444	1.1721
#1	2.4823	1.2360	24.455	2.5292	2.3983	25.253	4.8878	5.1420
#2	2.4871	1.2372	24.635	2.5339	2.3992	25.397	4.8924	5.2174
#3	2.4895	1.2371	24.658	2.5277	2.3996	25.341	4.9079	5.2628
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1370	5.0585	5.0301	5.0649	4.7253	5.086	4.9780	F 3.1536
Stddev	.0076	.0445	.0011	.0057	.0224	.014	.0220	.1850
%RSD	.14814	.88017	.02236	.11276	.47311	.2720	.44209	5.8651
#1	5.1283	5.1079	5.0290	5.0669	4.7511	5.094	5.0014	2.9487
#2	5.1406	5.0459	5.0312	5.0585	4.7119	5.070	4.9749	3.2040
#3	5.1421	5.0215	5.0301	5.0694	4.7129	5.095	4.9577	3.3082

Sample Name: CCV11 Acquired: 4/23/2019 22:04:19 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14877 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6910
Stddev	.9738
%RSD	36.188

#1	2.3679
#2	3.7853
#3	1.9198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4851.4	59053.	5671.2	71.116	4750.9
Stddev	10.9	51.	44.8	1.015	9.4
%RSD	.22556	.08648	.78999	1.4270	.19889

#1	4862.6	59046.	5619.9	72.277	4761.7
#2	4850.9	59106.	5691.4	70.402	4746.8
#3	4840.8	59005.	5702.4	70.668	4744.1

Sample Name: CCB11 Acquired: 4/23/2019 22:08:24 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14877 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00000	.00014	.00156	.00335	-.00444	.00128
Stddev	.00081	.00058	.00049	.00116	.00080	.00940	.00047
%RSD	322.84	17887.	340.97	74.694	23.733	211.85	36.839

#1	.00009	-.00044	.00049	.00152	.00425	.00622	.00180
#2	.00034	-.00021	.00034	.00274	.00272	-.01155	.00089
#3	-.00118	.00066	-.00041	.00041	.00309	-.00799	.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00002	.00610	-.00012	.00028	-.00026	-.00017
Stddev	.00000	.00006	.00705	.00023	.00002	.00031	.00086
%RSD	27.987	261.42	115.58	198.91	7.3461	119.67	513.60

#1	.00002	.00001	.00127	.00015	.00028	-.00020	.00008
#2	.00002	.00008	.00284	-.00020	.00030	-.00059	.00054
#3	.00001	-.00003	.01420	-.00029	.00026	.00002	-.00113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01716	-.00018	-.00011	.04391	.00056	.00002
Stddev	.00006	.01755	.00028	.00027	.00274	.00025	.00005
%RSD	10923.	102.27	155.18	254.29	6.2402	44.741	227.74

#1	-.00001	-.00312	-.00004	.00007	.04083	.00028	.00006
#2	.00007	-.03684	-.00051	.00003	.04487	.00063	.00004
#3	-.00005	-.01153	.00000	-.00042	.04605	.00076	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04322	.00054	.00425	.00019	-.00165	-.00074	-.00123
Stddev	.01536	.00029	.01406	.00124	.00167	.00027	.00058
%RSD	35.534	54.529	330.61	645.23	101.56	36.275	47.275

#1	-.04297	.00079	-.00894	.00040	-.00266	-.00045	-.00159
#2	-.02799	.00060	.01904	.00132	-.00257	-.00098	-.00154
#3	-.05871	.00022	.00266	-.00114	.00028	-.00079	-.00056

Sample Name: CCB11 Acquired: 4/23/2019 22:08:24 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14877 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.0019	.00015	F 1.2308	F<.00000
Stddev	.00133	.0003	.00002	.2220	1.7918
%RSD	497.56	15.17	14.500	18.038	4353.4
#1	-.00019	.0017	.00013	1.4783	-.20920
#2	.00176	.0019	.00015	1.0493	1.8288
#3	-.00077	.0022	.00017	1.1648	-1.7430
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5084.5	61251.	5703.3	75.303	5435.1
Stddev	8.9	195.	51.4	.757	5.2
%RSD	.17553	.31857	.90066	1.0054	.09617
#1	5076.2	61104.	5691.0	76.166	5429.2
#2	5094.0	61177.	5659.2	74.993	5439.2
#3	5083.2	61472.	5759.7	74.750	5436.9

Sample Name: K2522-02 Acquired: 4/23/2019 22:12:52 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-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	-.00151	-.00093	.00019	.00232	.00174	.20958	.06767	-.00001
Stddev	.00131	.00052	.00046	.00028	.00130	.00900	.00058	.00005
%RSD	87.215	55.223	247.01	11.979	74.242	4.2944	.85788	394.34

#1	-.00302	-.00119	.00046	.00262	.00266	.20016	.06800	.00004
#2	-.00086	-.00127	-.00034	.00228	.00231	.21050	.06700	-.00006
#3	-.00064	-.00034	.00045	.00207	.00026	.21809	.06800	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	9.5508	.00082	.00031	.00031	.15067	.00704	.78827
Stddev	.00001	.0321	.00018	.00007	.00016	.00079	.00007	.01549
%RSD	42.657	.33618	21.923	22.317	51.924	.52109	.93072	1.9653

#1	-.00002	9.5168	.00101	.00023	.00042	.14993	.00704	.80609
#2	-.00004	9.5550	.00065	.00035	.00038	.15149	.00710	.77800
#3	-.00003	9.5806	.00082	.00034	.00013	.15060	.00697	.78072

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00007	3.2351	.00037	.01290	.34343	.00066	.01231
Stddev	.00040	.00032	.0259	.00021	.00010	.01330	.00027	.00943
%RSD	73.493	453.30	.80040	55.275	.75870	3.8719	40.163	76.595

#1	.00100	-.00040	3.2073	.00056	.01293	.35777	.00057	.00491
#2	.00033	-.00005	3.2394	.00042	.01299	.33150	.00096	.02293
#3	.00029	.00023	3.2585	.00015	.01280	.34102	.00045	.00909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65778	1.2191	-.00091	.00457	-.00155	.0106	.04423	.97027
Stddev	.00371	.0147	.00034	.00149	.00069	.0008	.00017	.14524
%RSD	.56451	1.2015	37.698	32.494	44.365	7.838	.38988	14.969

#1	.65772	1.2162	-.00122	.00299	-.00233	.0097	.04403	.81956
#2	.66153	1.2350	-.00096	.00480	-.00130	.0106	.04435	.98192
#3	.65410	1.2062	-.00054	.00593	-.00103	.0114	.04430	1.1093

Sample Name: K2522-02 Acquired: 4/23/2019 22:12:52 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WELL-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.4256
 %RSD 177.18

#1 .69680
 #2 -2.1397
 #3 -.97075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5037.2	61228.	5691.1	73.605	5361.0
Stddev	14.0	120.	45.6	1.422	5.6
%RSD	.27857	.19636	.80106	1.9316	.10443

#1	5024.6	61092.	5680.5	73.218	5358.7
#2	5052.3	61269.	5651.7	75.180	5367.4
#3	5034.7	61322.	5741.0	72.416	5357.0

Sample Name: K2522-02DUP Acquired: 4/23/2019 22:17:18 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-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	-.00002	-.00049	.00051	.00027	.00111	.21173	.06914	.00002
Stddev	.00089	.00067	.00027	.00338	.00090	.00417	.00069	.00005
%RSD	4631.0	137.44	51.779	1265.4	80.723	1.9687	1.0039	309.00

#1	-.00022	-.00126	.00027	.00334	.00122	.21126	.06897	-.00000
#2	-.00079	-.00018	.00048	-.00336	.00196	.20782	.06855	.00007
#3	.00095	-.00003	.00080	.00082	.00017	.21612	.06990	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	9.7231	.00083	.00012	.00020	.15398	.00713	.85938
Stddev	.00004	.0192	.00032	.00003	.00017	.00065	.00008	.01933
%RSD	64.423	.19758	38.200	26.895	85.802	.41993	1.1508	2.2495

#1	-.00008	9.7047	.00103	.00008	.00009	.15471	.00706	.84677
#2	-.00008	9.7431	.00046	.00014	.00011	.15347	.00712	.84973
#3	-.00001	9.7215	.00100	.00013	.00040	.15375	.00722	.88163

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00054	3.2993	.00064	.01310	.35466	.00049	.01249
Stddev	.00012	.00047	.0071	.00014	.00003	.01907	.00016	.00884
%RSD	68.288	87.522	.21434	21.233	.25704	5.3758	32.690	70.738

#1	.00030	-.00108	3.2911	.00080	.01306	.33295	.00044	.01714
#2	.00006	-.00034	3.3039	.00056	.01309	.36235	.00067	.01803
#3	.00017	-.00020	3.3028	.00057	.01313	.36869	.00037	.00230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66294	1.2350	-.00071	.00601	-.00183	.0082	.04519	.96258
Stddev	.00036	.0031	.00069	.00170	.00147	.0008	.00012	.19982
%RSD	.05479	.24914	96.933	28.228	80.308	10.25	.26516	20.759

#1	.66273	1.2377	.00008	.00673	-.00309	.0078	.04532	1.1925
#2	.66336	1.2317	-.00104	.00721	-.00021	.0091	.04517	.83104
#3	.66273	1.2357	-.00117	.00407	-.00220	.0076	.04508	.86418

Sample Name: K2522-02DUP Acquired: 4/23/2019 22:17:18 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WELL-1DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.1965
 %RSD 331.00

#1 .79639
 #2 -1.5931
 #3 -.28767

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4983.7	60506.	5667.1	72.194	5302.9
Stddev	4.2	121.	16.7	1.299	11.2
%RSD	.08437	.20049	.29404	1.7988	.21194

#1	4979.9	60619.	5650.4	70.868	5295.1
#2	4983.1	60521.	5683.7	73.464	5297.7
#3	4988.2	60378.	5667.1	72.250	5315.7

Sample Name: K2522-02LX5 Acquired: 4/23/2019 22:21:44 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00030	.00035	-.00061	.00121	.02621	.01373	.00002
Stddev	.00113	.00062	.00037	.00068	.00078	.00572	.00037	.00000
%RSD	1588.7	206.44	103.79	112.71	64.035	21.828	2.7317	19.527

#1	.00090	.00029	.00030	-.00133	.00034	.02347	.01377	.00002
#2	.00019	-.00025	.00074	-.00050	.00146	.02238	.01333	.00003
#3	-.00131	-.00095	.00001	.00002	.00183	.03279	.01407	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	1.8423	.00010	.00020	-.00015	.02955	.00142	.15629
Stddev	.00004	.0091	.00011	.00009	.00013	.00071	.00001	.03891
%RSD	191.88	.49318	104.75	45.193	86.908	2.4006	.98225	24.896

#1	-.00001	1.8318	.00022	.00010	-.00026	.02924	.00144	.15934
#2	.00001	1.8472	.00001	.00029	-.00001	.02906	.00141	.11594
#3	-.00006	1.8479	.00007	.00022	-.00018	.03037	.00141	.19358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00059	.61314	.00001	.00307	.00166	-.00007	-.00039
Stddev	.00026	.00036	.00753	.00040	.00002	.03263	.00029	.01656
%RSD	51.723	59.931	1.2278	2711.8	.54801	1963.9	421.34	4232.0

#1	.00080	-.00018	.61107	.00033	.00307	.00356	.00020	-.00228
#2	.00039	-.00077	.60686	.00014	.00307	-.03188	-.00003	.01703
#3	.00032	-.00082	.62148	-.00043	.00309	.03330	-.00037	-.01592

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12892	.23786	-.00009	.00190	-.00215	.0037	.00842	1.0799
Stddev	.00330	.00545	.00058	.00161	.00010	.0011	.00008	.1384
%RSD	2.5626	2.2899	631.51	84.811	4.5994	29.05	.96031	12.814

#1	.12534	.24410	-.00074	.00336	-.00206	.0026	.00844	.96534
#2	.12960	.23539	.00011	.00217	-.00225	.0037	.00833	1.2336
#3	.13184	.23407	.00036	.00017	-.00213	.0047	.00849	1.0407

Sample Name: K2522-02LX5 Acquired: 4/23/2019 22:21:44 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.2910
%RSD 887.93

#1 .82773
#2 -2.8901
#3 1.2883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5078.6	61497.	5746.9	75.053	5411.6
Stddev	15.1	118.	34.1	2.040	13.7
%RSD	.29797	.19243	.59380	2.7178	.25309

#1	5064.3	61595.	5725.2	73.761	5396.0
#2	5077.1	61530.	5729.3	73.993	5417.0
#3	5094.5	61366.	5786.2	77.405	5421.7

Sample Name: K2522-02MS Acquired: 4/23/2019 22:26:13 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69523	1.8727	.89244	1.8278	.69563	2.0873	.26409
Stddev	.00283	.0091	.00549	.0083	.00202	.0220	.00039
%RSD	.40702	.48812	.61573	.45625	.29036	1.0534	.14612

#1	.69282	1.8662	.88784	1.8191	.69556	2.0625	.26369
#2	.69835	1.8688	.89095	1.8286	.69768	2.0952	.26447
#3	.69454	1.8832	.89852	1.8357	.69365	2.1043	.26410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18173	.17699	10.881	.40608	.18530	.29560	3.1786
Stddev	.00027	.00021	.029	.00046	.00127	.00108	.0022
%RSD	.15053	.12093	.26774	.11363	.68729	.36471	.06907

#1	.18195	.17723	10.852	.40583	.18431	.29524	3.1764
#2	.18182	.17683	10.879	.40662	.18486	.29474	3.1786
#3	.18142	.17691	10.911	.40581	.18674	.29681	3.1808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20478	2.7499	.47726	.06814	6.1461	.30784	.18509
Stddev	.00041	.0047	.00273	.00041	.0049	.00116	.00116
%RSD	.20263	.17127	.57305	.60516	.08013	.37671	.62824

#1	.20473	2.7530	.47486	.06774	6.1513	.30729	.18435
#2	.20522	2.7444	.47669	.06811	6.1454	.30917	.18449
#3	.20440	2.7522	.48024	.06857	6.1415	.30706	.18643

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.247	.38252	.29948	.67090	2.1301	.63354	.19801
Stddev	.035	.00154	.01824	.00727	.0100	.00472	.00131
%RSD	.34573	.40164	6.0905	1.0834	.46895	.74429	.66072

#1	10.220	.38078	.31225	.66310	2.1230	.62969	.19705
#2	10.287	.38312	.27859	.67211	2.1416	.63213	.19950
#3	10.234	.38367	.30760	.67748	2.1259	.63880	.19748

Sample Name: K2522-02MS Acquired: 4/23/2019 22:26:13 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WELL-1MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19002	5.206	.23790	1.8492	F<.00000
Stddev	.00098	.022	.00115	.1920	1.3399
%RSD	.51316	.4237	.48419	10.380	68.865

#1	.18926	5.186	.23923	1.6298	-3.0653
#2	.18968	5.204	.23722	1.9858	-.46116
#3	.19112	5.229	.23724	1.9321	-2.3104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4918.0	60006.	5555.3	70.901	5142.5
Stddev	13.6	195.	31.1	.451	8.0
%RSD	.27581	.32529	.56049	.63542	.15582

#1	4911.2	59840.	5519.7	70.619	5133.4
#2	4909.2	59956.	5569.0	71.420	5145.8
#3	4933.7	60221.	5577.2	70.662	5148.3

Sample Name: K2522-02MSD Acquired: 4/23/2019 22:30:19 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69978	1.8824	.89650	1.8391	.69707	2.0985	.26878
Stddev	.00167	.0078	.00308	.0060	.00275	.0194	.00172
%RSD	.23892	.41523	.34391	.32354	.39404	.92709	.63928
#1	.70087	1.8789	.89628	1.8436	.70021	2.1163	.26778
#2	.69786	1.8769	.89353	1.8323	.69511	2.0777	.26780
#3	.70063	1.8914	.89969	1.8413	.69588	2.1015	.27077
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18247	.17790	10.997	.40450	.18615	.29595	3.1813
Stddev	.00034	.00042	.056	.00054	.00078	.00106	.0065
%RSD	.18567	.23675	.50982	.13413	.42164	.35970	.20465
#1	.18253	.17775	10.958	.40480	.18658	.29640	3.1856
#2	.18277	.17757	10.972	.40388	.18524	.29474	3.1844
#3	.18210	.17837	11.061	.40483	.18662	.29672	3.1738
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20561	2.7603	.47678	.06749	6.2307	.30835	.18581
Stddev	.00017	.0420	.00180	.00019	.0286	.00065	.00038
%RSD	.08159	1.5234	.37691	.27425	.45969	.21099	.20650
#1	.20579	2.7555	.47518	.06770	6.2599	.30904	.18600
#2	.20557	2.7209	.47645	.06734	6.2296	.30827	.18537
#3	.20546	2.8046	.47872	.06744	6.2027	.30774	.18606
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.314	.38098	.30925	.68678	2.1446	.63791	.19699
Stddev	.079	.00052	.00309	.00436	.0147	.00274	.00079
%RSD	.76415	.13656	.99886	.63460	.68468	.42927	.39965
#1	10.257	.38126	.30657	.68830	2.1479	.63711	.19764
#2	10.281	.38038	.31263	.69018	2.1574	.63565	.19723
#3	10.404	.38130	.30856	.68187	2.1286	.64095	.19612

Sample Name: K2522-02MSD Acquired: 4/23/2019 22:30:19 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18912	5.243	.23794	2.0787	F<.00000
Stddev	.00052	.013	.00080	.1232	.45384
%RSD	.27589	.2495	.33747	5.9286	14.151
#1	.18872	5.250	.23747	2.2085	-2.8855
#2	.18893	5.228	.23886	2.0644	-3.7262
#3	.18971	5.251	.23747	1.9632	-3.0095
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4929.2	60364.	5637.8	72.801	5137.7
Stddev	11.3	152.	30.8	1.429	6.0
%RSD	.23006	.25254	.54658	1.9634	.11757
#1	4917.0	60248.	5616.7	72.120	5131.4
#2	4931.0	60307.	5623.6	71.839	5138.3
#3	4939.4	60537.	5673.2	74.443	5143.4

Sample Name: K2522-02A Acquired: 4/23/2019 22:34:24 Type: Unk
Method: P4-ICP2(v3065) 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	.70142	1.8846	.89906	1.8465	.69944	2.0940	.26571
Stddev	.00542	.0070	.00363	.0108	.00296	.0147	.00158
%RSD	.77215	.37124	.40351	.58654	.42273	.70440	.59474

#1	.69661	1.8776	.89527	1.8391	.69692	2.0780	.26406
#2	.70037	1.8848	.89943	1.8414	.69870	2.0969	.26585
#3	.70728	1.8915	.90249	1.8589	.70269	2.1070	.26721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18254	.17834	10.903	.40611	.18671	.29740	3.1961
Stddev	.00039	.00032	.043	.00076	.00077	.00162	.0032
%RSD	.21372	.17663	.39460	.18779	.41350	.54421	.09931

#1	.18210	.17841	10.937	.40657	.18585	.29564	3.1935
#2	.18267	.17800	10.855	.40653	.18696	.29774	3.1952
#3	.18284	.17862	10.918	.40523	.18733	.29883	3.1997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20560	2.7406	.47911	.06747	6.1839	.30912	.18528
Stddev	.00022	.0121	.00317	.00046	.0313	.00028	.00055
%RSD	.10745	.44284	.66149	.68554	.50554	.09133	.29934

#1	.20542	2.7438	.47598	.06703	6.1525	.30904	.18464
#2	.20553	2.7509	.47904	.06796	6.2150	.30944	.18559
#3	.20585	2.7272	.48232	.06743	6.1841	.30889	.18561

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.244	.38336	.30794	.67618	2.1532	.63757	.19850
Stddev	.095	.00246	.02005	.00207	.0210	.00404	.00188
%RSD	.93177	.64060	6.5107	.30573	.97597	.63414	.94961

#1	10.138	.38095	.30322	.67629	2.1738	.63375	.20035
#2	10.271	.38328	.29067	.67407	2.1539	.63715	.19857
#3	10.323	.38586	.32992	.67820	2.1318	.64180	.19658

Sample Name: K2522-02A Acquired: 4/23/2019 22:34:24 Type: Unk
 Method: P4-ICP2(v3065) 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	.19018	5.239	.23903	2.0280	F<.00000
Stddev	.00228	.022	.00162	.0193	.56705
%RSD	1.1964	.4149	.67865	.95262	17.576

#1	.19047	5.223	.24059	2.0340	-2.5937
#2	.19230	5.230	.23913	2.0436	-3.6889
#3	.18777	5.264	.23736	2.0064	-3.3961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4923.6	60110.	5573.6	71.595	5137.4
Stddev	4.3	157.	67.3	1.687	6.8
%RSD	.08659	.26132	1.2073	2.3564	.13241

#1	4918.9	59933.	5504.1	73.346	5130.1
#2	4924.7	60164.	5578.2	69.980	5138.3
#3	4927.2	60233.	5638.5	71.458	5143.6

Sample Name: K2522-05 Acquired: 4/23/2019 22:38:30 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WELL-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	-.00117	-.00014	.00005	.00245	.00111	.17486	.08041	.00001
Stddev	.00134	.00028	.00053	.00244	.00076	.00698	.00077	.00002
%RSD	114.19	193.11	1159.4	99.450	67.925	3.9935	.95198	371.72

#1	-.00019	-.00033	-.00013	.00410	.00198	.17436	.08052	-.00000
#2	-.00270	.00018	-.00037	.00361	.00075	.16814	.08111	-.00001
#3	-.00064	-.00027	.00064	-.00035	.00061	.18208	.07959	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	4.5558	.00053	.00041	.00367	1.2753	.04459	.96192
Stddev	.00002	.0193	.00017	.00017	.00011	.0038	.00021	.05390
%RSD	11.114	.42373	31.105	41.399	2.9511	.30025	.48051	5.6030

#1	-.00016	4.5338	.00036	.00054	.00365	1.2796	.04469	.98543
#2	-.00020	4.5701	.00054	.00048	.00357	1.2722	.04474	1.0001
#3	-.00019	4.5635	.00070	.00022	.00378	1.2741	.04434	.90026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00105	4.3553	.00069	.04529	.80392	.00077	.03281
Stddev	.00025	.00054	.0127	.00039	.00012	.03068	.00015	.02292
%RSD	209.66	51.684	.29039	56.502	.25767	3.8164	19.562	69.855

#1	.00037	-.00128	4.3503	.00113	.04520	.77524	.00081	.04876
#2	-.00013	-.00043	4.3696	.00054	.04524	.80024	.00090	.00655
#3	.00012	-.00144	4.3459	.00040	.04542	.83627	.00061	.04312

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3021	.64404	-.00119	.00584	-.00195	.0089	.02914	1.4813
Stddev	.0074	.00704	.00027	.00166	.00136	.0012	.00020	.2524
%RSD	.57145	1.0936	22.572	28.526	69.772	13.92	.67223	17.036

#1	1.2991	.64387	-.00150	.00415	-.00231	.0081	.02898	1.7619
#2	1.2967	.63709	-.00107	.00748	-.00310	.0104	.02908	1.4092
#3	1.3106	.65117	-.00101	.00587	-.00045	.0084	.02936	1.2729

Sample Name: K2522-05 Acquired: 4/23/2019 22:38:30 Type: Unk
 Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WELL-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .65775
 Stddev 1.2351
 %RSD 187.77

#1 -.43846
 #2 .41582
 #3 1.9959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4968.1	60324.	5617.7	73.308	5265.2
Stddev	9.2	36.	42.6	.764	14.9
%RSD	.18578	.05951	.75826	1.0421	.28296

#1	4963.8	60283.	5612.7	73.170	5263.9
#2	4978.7	60337.	5662.6	72.623	5280.7
#3	4961.8	60352.	5577.9	74.132	5251.0

Sample Name: CCV12 Acquired: 4/23/2019 22:42:55 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7764	4.9695	4.7576	4.9815	4.7304	9.8887	10.162	.24889
Stddev	.0122	.0072	.0104	.0093	.0098	.0486	.043	.00037
%RSD	.25605	.14504	.21861	.18662	.20622	.49151	.42663	.14804
#1	4.7633	4.9623	4.7680	4.9717	4.7336	9.8326	10.212	.24888
#2	4.7874	4.9767	4.7472	4.9828	4.7194	9.9195	10.132	.24927
#3	4.7786	4.9697	4.7575	4.9902	4.7381	9.9139	10.142	.24853
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4282	25.502	1.0165	2.4389	1.2453	5.0732	2.4948	24.728
Stddev	.0047	.045	.0012	.0025	.0025	.0059	.0032	.228
%RSD	.19368	.17651	.11931	.10272	.20155	.11664	.12818	.92314
#1	2.4331	25.452	1.0161	2.4400	1.2469	5.0674	2.4920	24.495
#2	2.4237	25.538	1.0179	2.4361	1.2424	5.0731	2.4942	24.952
#3	2.4278	25.517	1.0155	2.4407	1.2465	5.0792	2.4983	24.736
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5200	1.2544	25.159	2.5529	2.4291	25.893	4.9526	5.2556
Stddev	.0051	.0008	.060	.0028	.0027	.081	.0062	.0484
%RSD	.20410	.06337	.23760	.10864	.11069	.31299	.12430	.92017
#1	2.5228	1.2539	25.194	2.5519	2.4319	25.929	4.9546	5.2224
#2	2.5140	1.2539	25.192	2.5508	2.4266	25.950	4.9457	5.3111
#3	2.5231	1.2553	25.090	2.5560	2.4287	25.800	4.9575	5.2332
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2340	5.1103	5.0958	5.1113	4.8327	5.173	5.0461	F 2.6384
Stddev	.0130	.0246	.0063	.0065	.0285	.006	.0280	.0340
%RSD	.24832	.48166	.12452	.12788	.58976	.1250	.55415	1.2899
#1	5.2213	5.1339	5.1006	5.1052	4.8569	5.180	5.0743	2.6004
#2	5.2335	5.0848	5.0983	5.1182	4.8013	5.168	5.0184	2.6489
#3	5.2473	5.1120	5.0886	5.1106	4.8400	5.170	5.0456	2.6660

Sample Name: CCV12 Acquired: 4/23/2019 22:42:55 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6397
Stddev .4702
%RSD 17.811

#1 2.6468
#2 3.1063
#3 2.1660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4816.8	57957.	5618.0	70.097	4712.2
Stddev	6.7	64.	19.7	1.108	6.0
%RSD	.13964	.11007	.35136	1.5805	.12703

#1	4821.5	57985.	5598.4	68.884	4709.5
#2	4819.8	57884.	5637.8	70.350	4719.1
#3	4809.1	58002.	5617.9	71.056	4708.0

Sample Name: CCB12 Acquired: 4/23/2019 22:47:00 Type: Unk
Method: P4-ICP2(v3065) 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	.00080	.00058	.00017	.00093	.00379	-.00312	.00094	.00005
Stddev	.00247	.00075	.00071	.00136	.00110	.00909	.00050	.00004
%RSD	307.92	129.54	421.31	146.19	28.930	291.28	53.363	80.626
#1	-.00115	.00140	-.00059	-.00064	.00500	-.01360	.00056	.00002
#2	-.00002	.00040	.00029	.00166	.00350	.00157	.00150	.00003
#3	.00357	-.00007	.00081	.00177	.00287	.00266	.00075	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00050	-.00008	.00021	-.00035	.00016	-.00003	-.01877
Stddev	.00002	.01126	.00015	.00021	.00014	.00019	.00002	.03457
%RSD	128.36	2245.2	200.11	97.377	39.849	119.31	72.991	184.16
#1	.00003	-.00208	.00004	.00007	-.00048	-.00006	-.00003	.01846
#2	.00001	-.00924	-.00002	.00045	-.00038	.00023	-.00001	-.04985
#3	-.00000	.01283	-.00025	.00012	-.00020	.00031	-.00006	-.02492
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00044	-.02628	.00014	.00007	-.03966	.00047	-.00045
Stddev	.00032	.00028	.00623	.00028	.00008	.01603	.00035	.01717
%RSD	454.29	63.321	23.714	207.49	109.60	40.424	73.240	3841.6
#1	-.00022	-.00015	-.03278	.00002	.00001	-.04241	.00087	.01077
#2	.00030	-.00070	-.02572	.00046	.00005	-.05414	.00034	.00809
#3	-.00029	-.00046	-.02035	-.00007	.00016	-.02243	.00022	-.02021
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00212	-.00028	.00125	-.00090	.0028	.00013	F 1.4437
Stddev	.00279	.00113	.00048	.00133	.00142	.0015	.00010	.1056
%RSD	357.36	53.068	170.81	106.59	159.13	52.84	78.588	7.3137
#1	.00243	-.00342	-.00047	.00061	.00053	.0040	.00002	1.5256
#2	-.00262	-.00136	-.00064	.00036	-.00089	.0033	.00022	1.4810
#3	-.00216	-.00159	.00026	.00278	-.00232	.0011	.00014	1.3246

Sample Name: CCB12 Acquired: 4/23/2019 22:47:00 Type: Unk
Method: P4-ICP2(v3065) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .25579
Stddev 1.0779
%RSD 421.40

#1 1.2016
#2 -.91777
#3 .48352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5034.1	60548.	5619.2	73.561	5383.9
Stddev	4.1	131.	50.7	.736	8.0
%RSD	.08131	.21711	.90267	1.0012	.14946

#1	5029.8	60501.	5572.1	73.159	5376.8
#2	5034.4	60696.	5612.7	73.114	5382.2
#3	5038.0	60446.	5672.9	74.411	5392.7