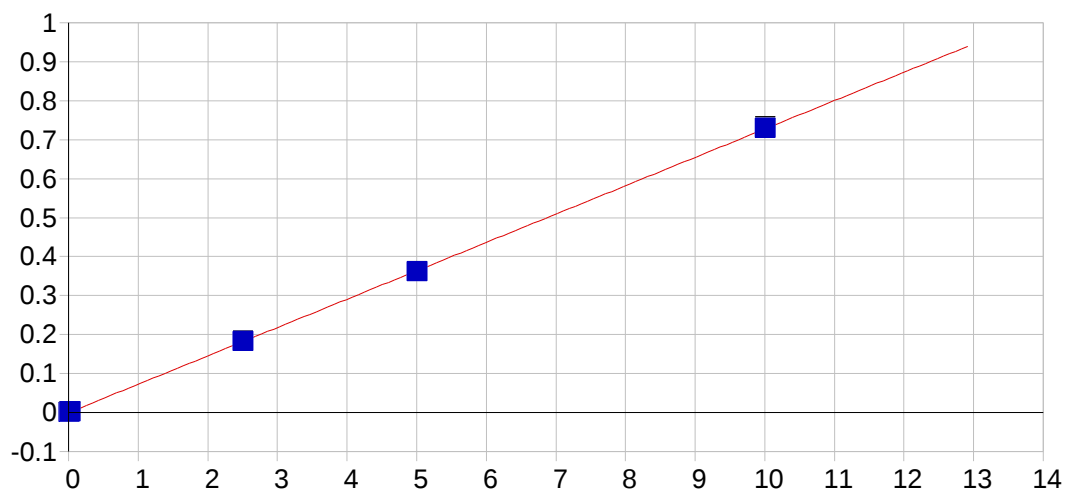


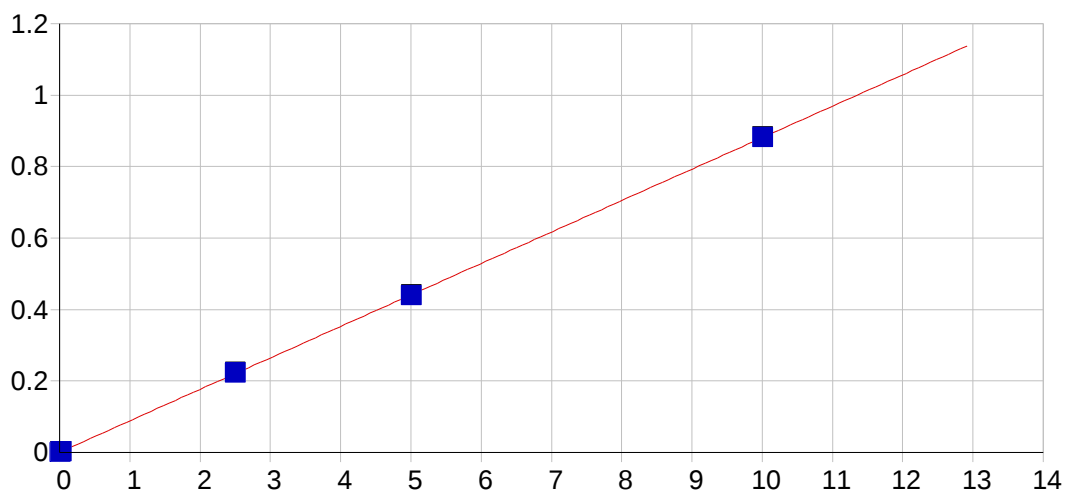


As 189.042 {478}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.072766 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003857
 Predicted MQL: 0.012857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.01858	-.001	-7.10	.00115	.000	1
S3	2.5000	2.5081	.008	.326	.18230	.001	1
S4	5.0000	4.9613	-.039	-.774	.36080	.001	1
S5	10.000	10.032	.032	.319	.72974	.002	1



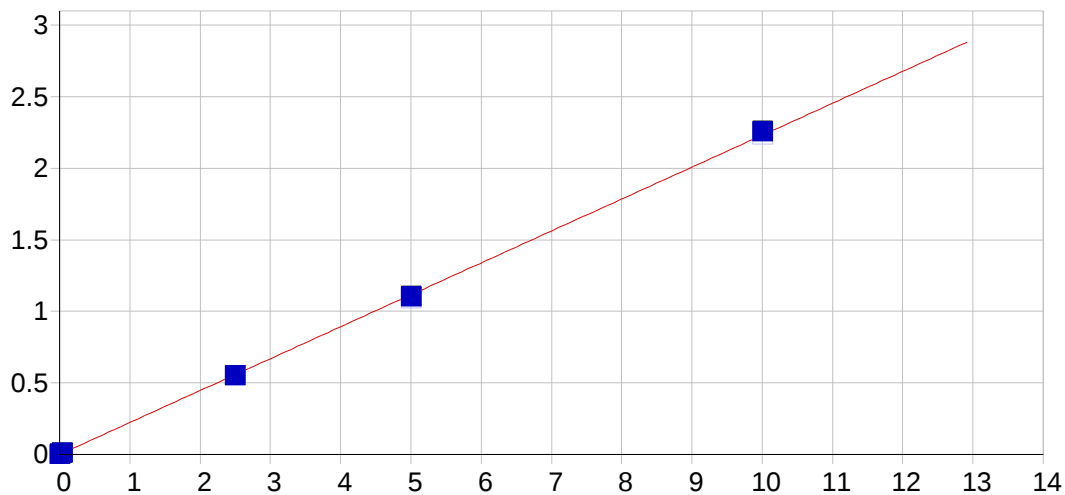
As 189.042 {479}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000623 Re-Slope: 1.000000

A1 (Gain): 0.088035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002621
 Predicted MQL: 0.008737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.02000	.01978	-.000	-1.09	.00236	.000	1
S3	2.5000	2.5248	.025	.993	.22290	.001	1
S4	5.0000	4.9769	-.023	-.462	.43877	.001	1
S5	10.000	9.9985	-.002	-.015	.88085	.003	1

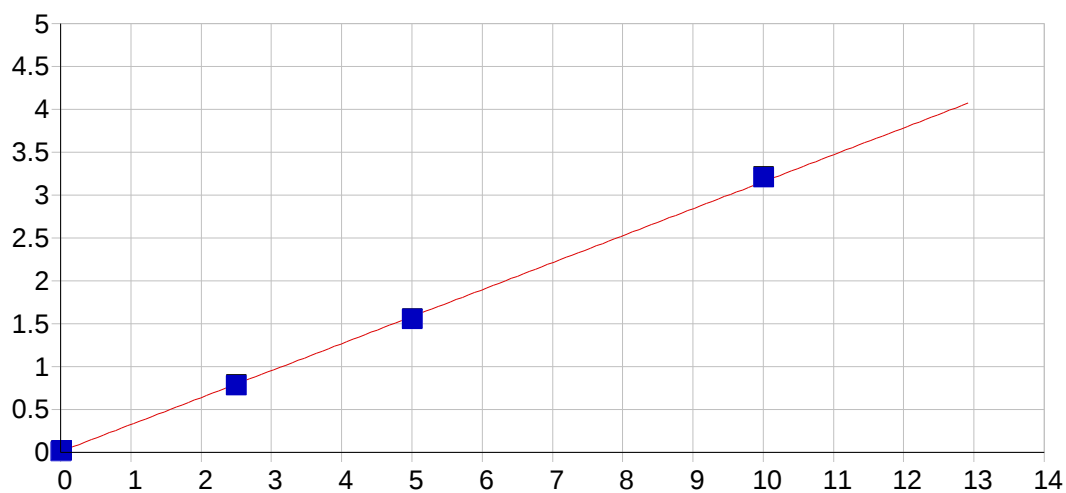


TI 190.856 {477}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000427 Re-Slope: 1.000000
 A1 (Gain): 0.223109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.001131
 Predicted MQL: 0.003771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.04000	.04069	.001	1.73	.00927	.000	1
S3	2.5000	2.4623	-.038	-1.51	.54406	.000	1
S4	5.0000	4.9306	-.069	-1.39	1.0890	.002	1
S5	10.000	10.106	.106	1.06	2.2324	.003	1

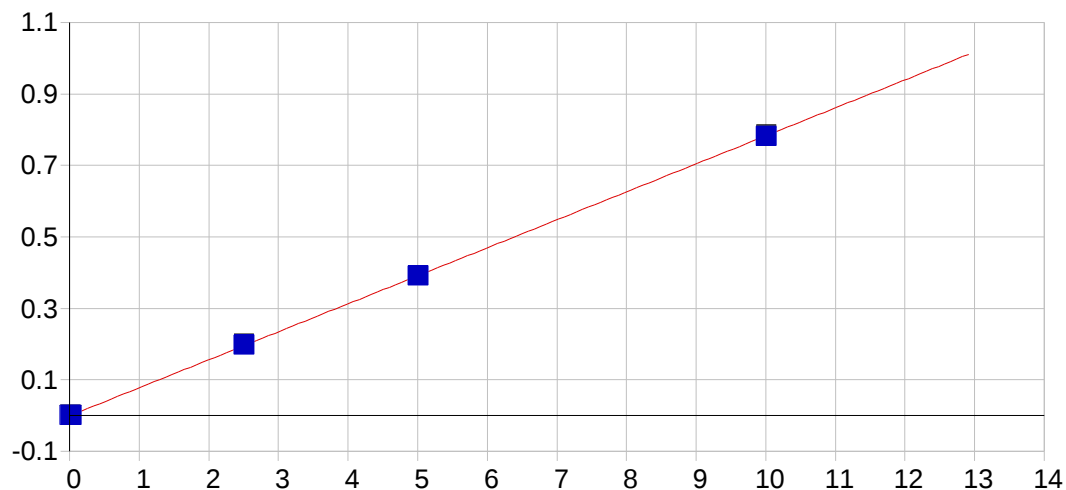


Pb 220.353 {453}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009999 Re-Slope: 1.000000
 A1 (Gain): 0.314544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.001134
 Predicted MQL: 0.003779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01000	.000	1
S1	.01200	.01308	.001	9.02	.01404	.000	1
S3	2.5000	2.4458	-.054	-2.17	.77825	.002	1
S4	5.0000	4.8950	-.105	-2.10	1.5476	.004	1
S5	10.000	10.158	.158	1.58	3.2009	.005	1



Se 196.090 {472}

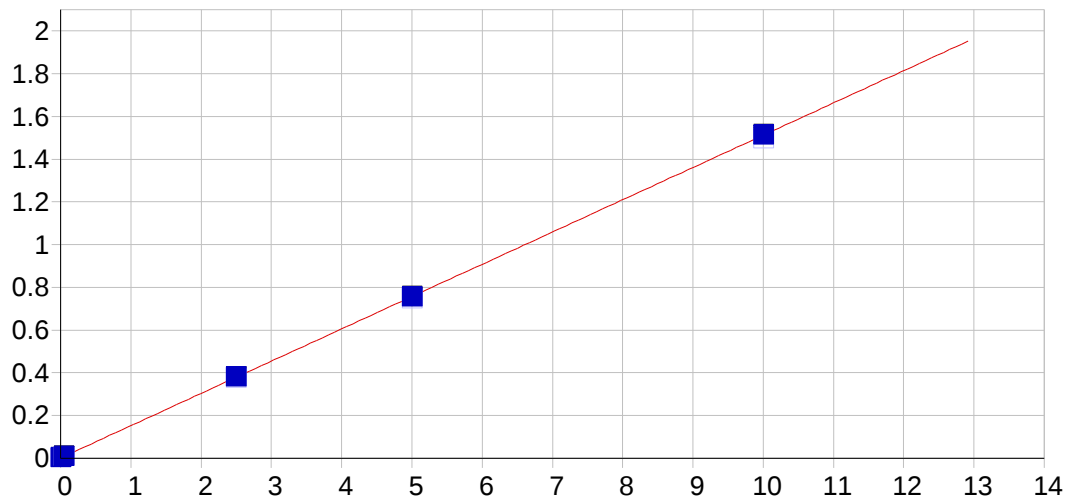
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000595 Re-Slope: 1.000000
 A1 (Gain): 0.078342 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000011
 Predicted MDL: 0.003656
 Predicted MQL: 0.012185

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.02000	.01914	-.001	-4.29	.00090	.000	1
S3	2.5000	2.5344	.034	1.38	.19791	.001	1
S4	5.0000	4.9909	-.009	-.182	.39031	.001	1
S5	10.000	9.9756	-.024	-.244	.78073	.003	1



Sb 206.833 {463}

Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

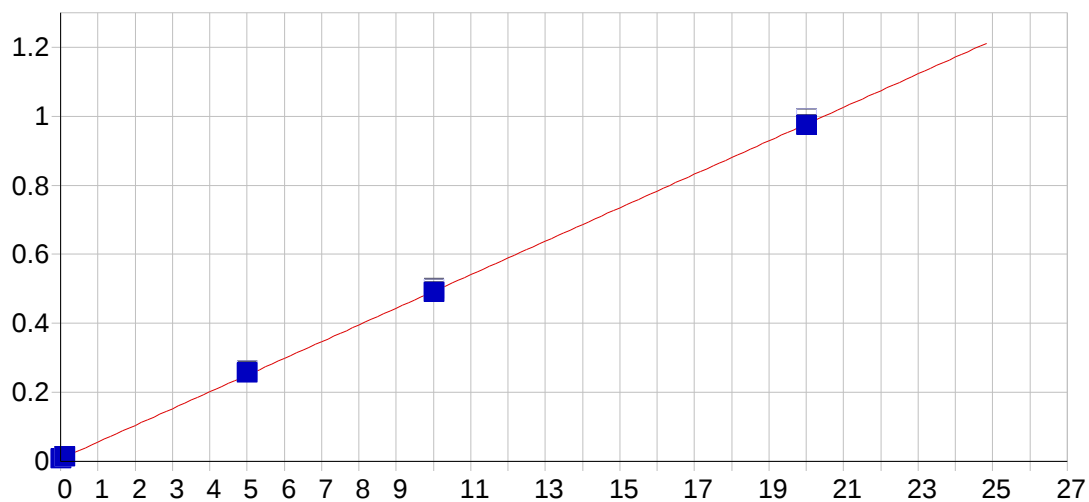
Weighting: 1/Conc

A0 (Offset): 0.001668
 A1 (Gain): 0.151064
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000017
 Predicted MDL: 0.002362
 Predicted MQL: 0.007875

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	.00167	.000	1
S1	.05000	.05215	.002	4.31	.00936	.001	1
S3	2.5000	2.5057	.006	.228	.37594	.001	1
S4	5.0000	4.9866	-.013	-.268	.74647	.002	1
S5	10.000	10.006	.006	.056	1.4962	.004	1

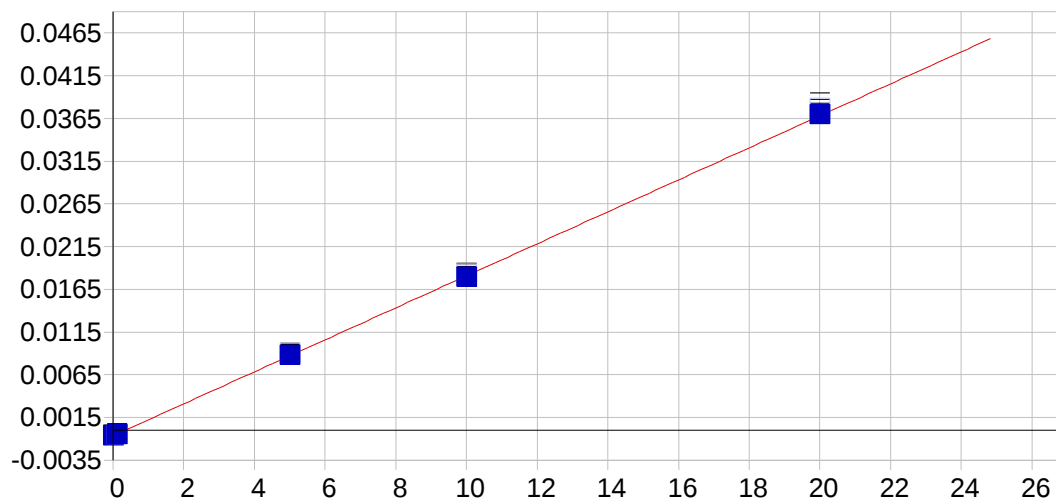


AI 308.215 {109}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007411 Re-Slope: 1.000000
 A1 (Gain): 0.048500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.003293
 Predicted MQL: 0.010978

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00741	.000	1
S1	.10000	.11084	.011	10.8	.01312	.000	1
S3	5.0000	5.1217	.122	2.43	.26064	.001	1
S4	10.000	9.9496	-.050	-.504	.49962	.000	1
S5	20.000	19.917	-.083	-.413	.99271	.000	1



AI 309.271 {109}

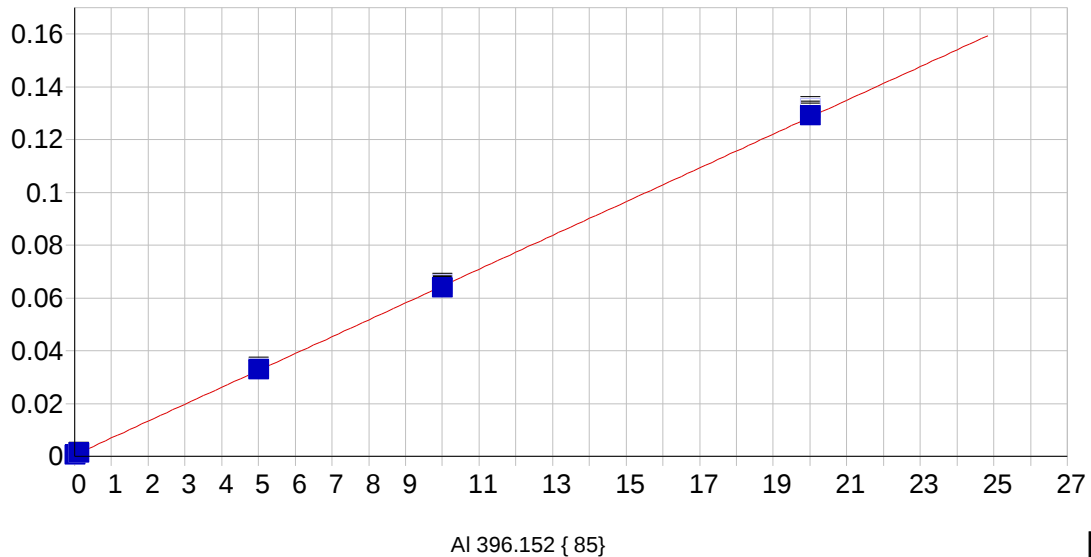
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000629 Re-Slope: 1.000000
 A1 (Gain): 0.001872 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871
 Std Error of Est: 0.000002
 Predicted MDL: 0.048165
 Predicted MQL: 0.160549

Status: OK.

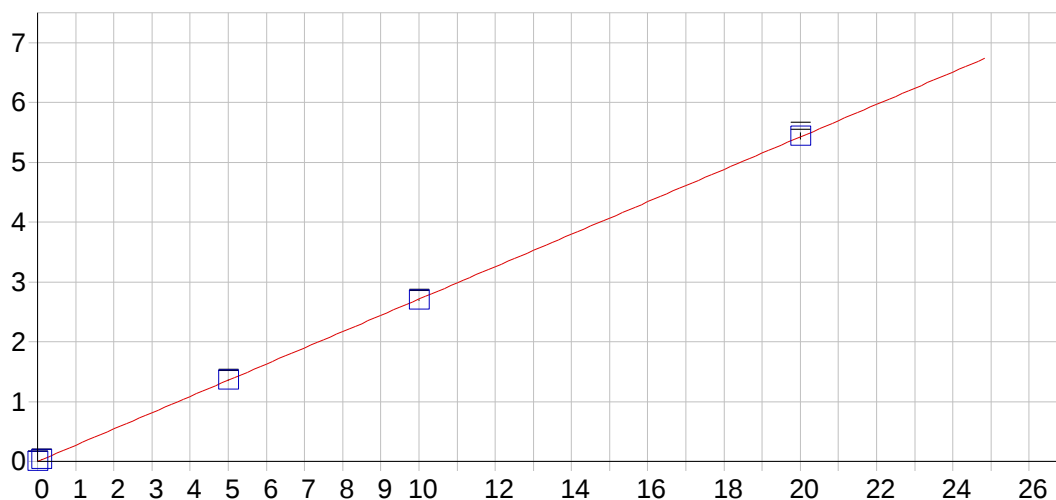
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00063	.000	1
S1	.10000	.07135	-.029	-28.7	-.00048	.000	1
S3	5.0000	5.0393	.039	.785	.00899	.000	1
S4	10.000	9.9192	-.081	-.808	.01831	.000	1
S5	20.000	20.072	.072	.358	.03769	.001	1



Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000547 Re-Slope: 1.000000
 A1 (Gain): 0.006396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.023530
 Predicted MQL: 0.078434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00055	.000	1
S1	.10000	.11435	.014	14.4	.00132	.000	1
S3	5.0000	5.0168	.017	.336	.03327	.000	1
S4	10.000	9.8815	-.119	-1.19	.06503	.000	1
S5	20.000	20.087	.087	.433	.13158	.001	1

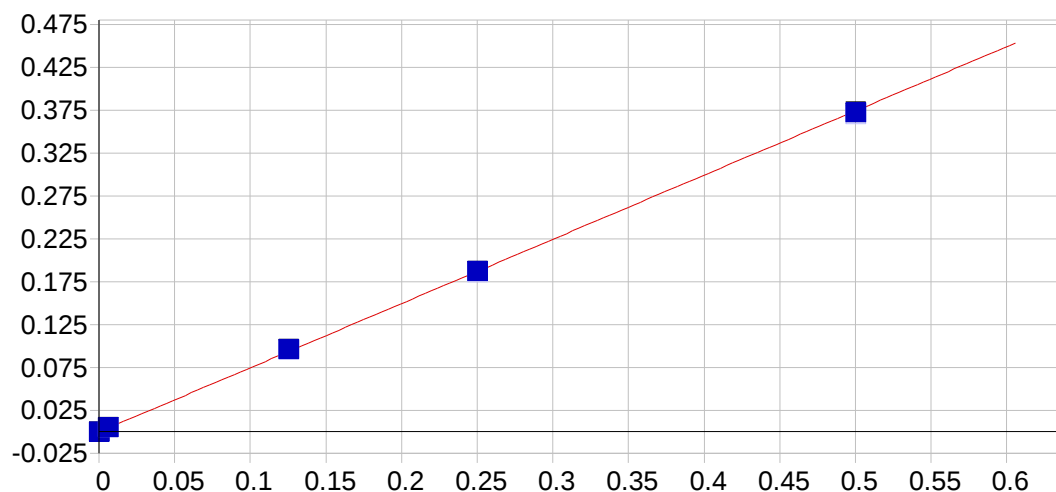


Ba 493.409 { 68}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.271224 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.001064
 Predicted MQL: 0.003546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.10000	.10281	.003	2.81	.02808	.000	1
S3	5.0000	5.0104	.010	.207	1.3591	.009	1
S5	20.000	20.056	.056	.280	5.4399	.061	1
S4	10.000	9.9307	-.069	-.693	2.6937	.010	1



Be 234.861 {144}

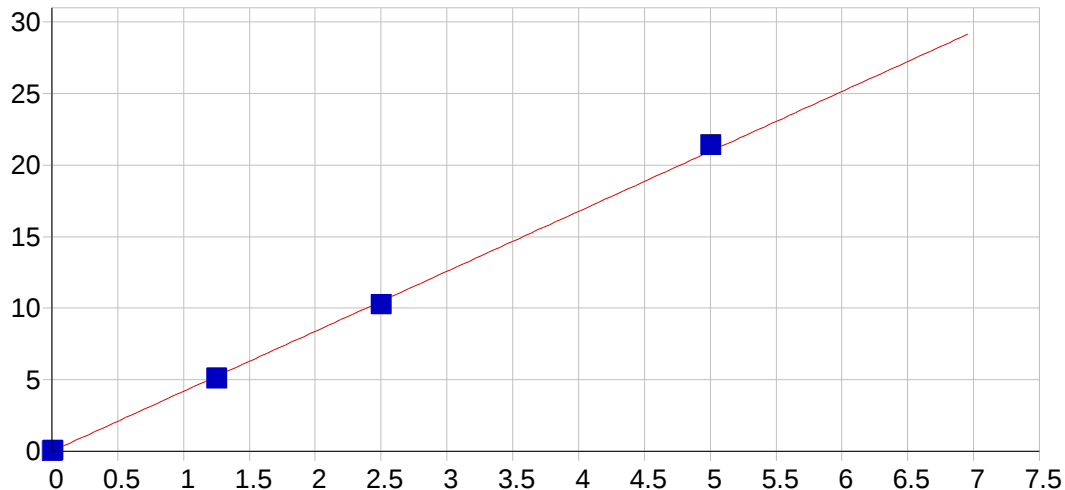
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000157 Re-Slope: 1.000000
 A1 (Gain): 0.748549 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000026
 Predicted MDL: 0.000111
 Predicted MQL: 0.000370

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.00600	.00645	.000	7.49	.00462	.000	1
S3	.12500	.12800	.003	2.40	.09507	.000	1
S4	.25000	.24947	-.001	-.214	.18540	.000	1
S5	.50000	.49709	-.003	-.583	.36958	.001	1



Cd 226.502 {449}

Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

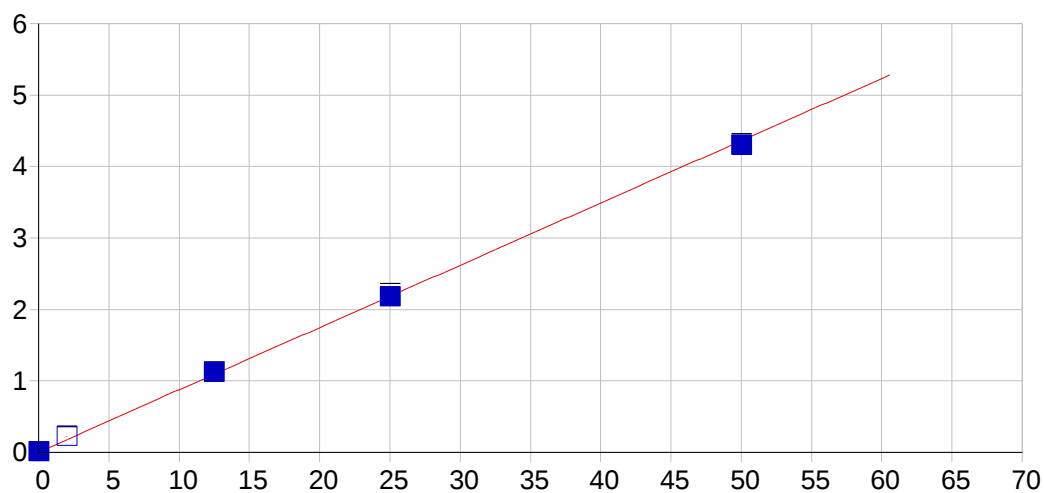
Weighting: 1/Conc

A0 (Offset): 0.004694
 A1 (Gain): 4.191147
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745
 Std Error of Est: 0.000886
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

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	.00470	.000	1
S1	.00600	.00578	-.000	-3.67	.02897	.000	1
S3	1.2500	1.2090	-.041	-3.28	5.0728	.009	1
S4	2.5000	2.4443	-.056	-2.23	10.252	.010	1
S5	5.0000	5.0969	.097	1.94	21.371	.045	1

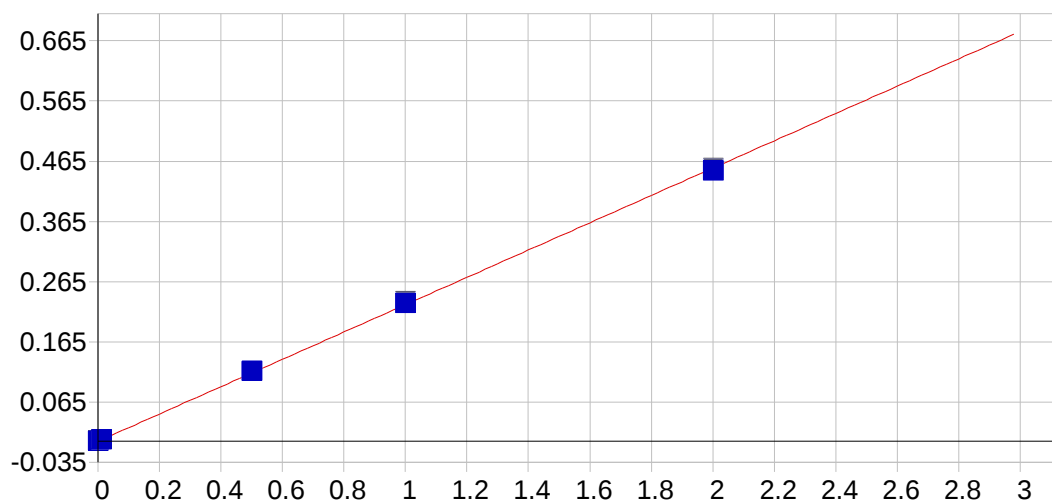


Ca 373.690 { 90}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005108 Re-Slope: 1.000000
 A1 (Gain): 0.087114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999293 Status: OK.
 Std Error of Est: 0.001790
 Predicted MDL: 0.024719
 Predicted MQL: 0.082396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.4678	.468	23.4	.22009	.002	1
S0	.00000	-.00048	-.000	.000	.00507	.003	1
S3	12.500	12.805	.305	2.44	1.1212	.004	1
S4	25.000	24.921	-.079	-.315	2.1773	.041	1
S5	50.000	49.307	-.693	-1.39	4.3027	.016	1



Cr 267.716 {126}

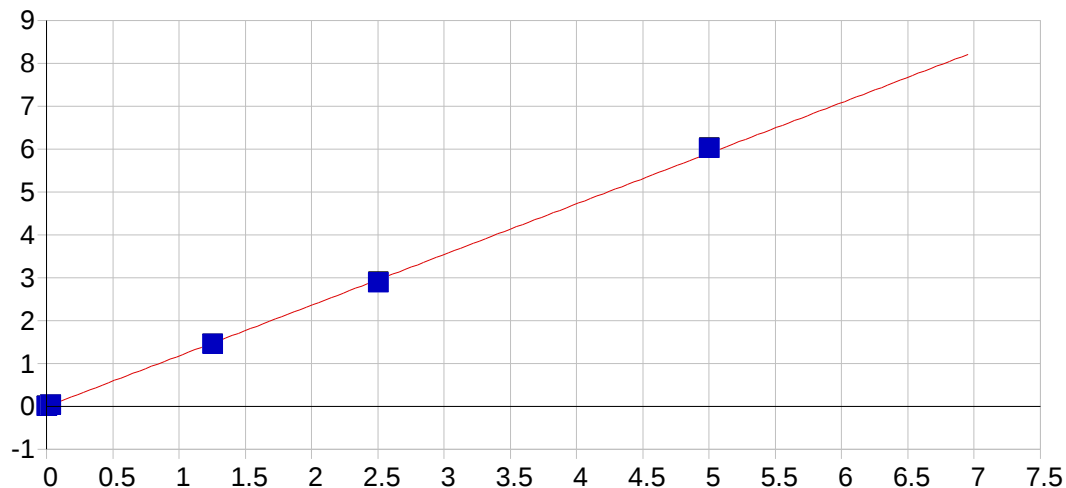
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.226830 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000026
 Predicted MDL: 0.000556
 Predicted MQL: 0.001853

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.01000	.01085	.001	8.54	.00233	.000	1
S3	.50000	.51328	.013	2.66	.11718	.000	1
S4	1.0000	1.0093	.009	.925	.23057	.001	1
S5	2.0000	1.9766	-.023	-1.17	.45178	.002	1



Co 228.616 {447}

Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

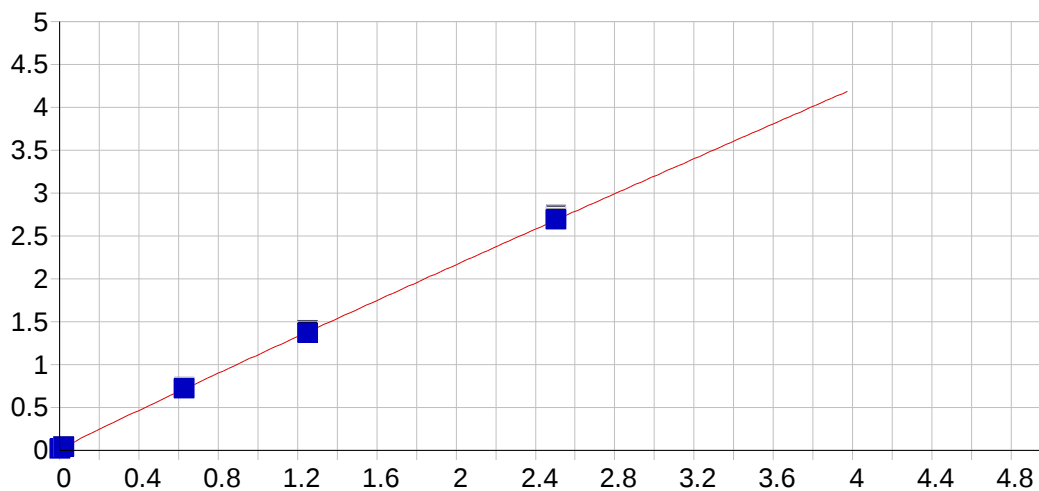
Weighting: 1/Conc

A0 (Offset): -0.001346
 A1 (Gain): 1.181170
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783
 Std Error of Est: 0.000516
 Predicted MDL: 0.000293
 Predicted MQL: 0.000977

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	-.00134	.000	1
S1	.03000	.02794	-.002	-6.87	.03142	.000	1
S3	1.2500	1.2212	-.029	-2.30	1.4423	.004	1
S4	2.5000	2.4409	-.059	-2.36	2.8841	.007	1
S5	5.0000	5.0899	.090	1.80	6.0153	.011	1

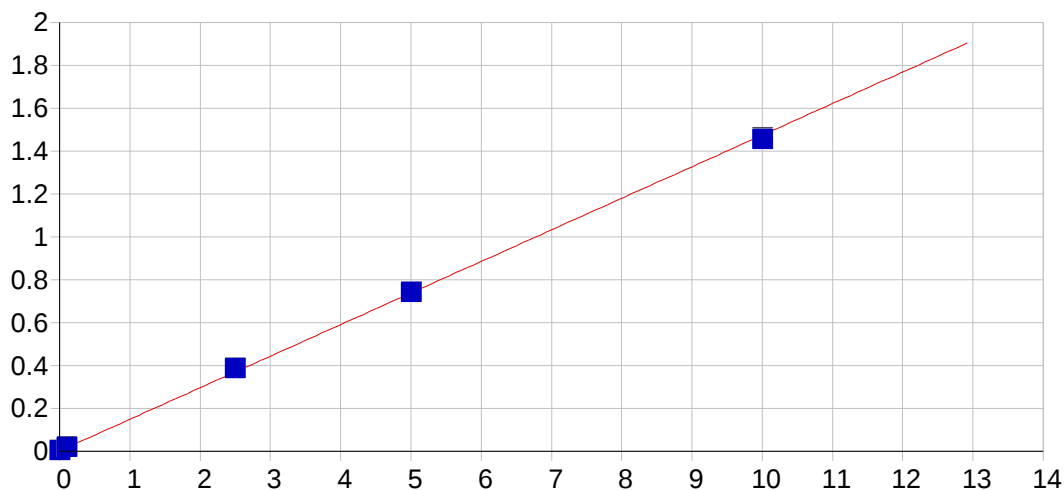


Cu 224.700 {450}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.012958 Re-Slope: 1.000000
 A1 (Gain): 1.103391 Y-int: 0.000000
 A2 (Curvature): -0.002257
 n (Exponent): 0.970000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000477
 Predicted MQL: 0.001591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01296	.001	1
S1	.02000	.01969	-.000	-1.57	.03774	.001	1
S3	.62500	.63202	.007	1.12	.73021	.001	1
S4	1.2500	1.2397	-.010	-.821	1.3909	.004	1
S5	2.5000	2.5035	.003	.140	2.7315	.006	1



Fe 240.488 {140}

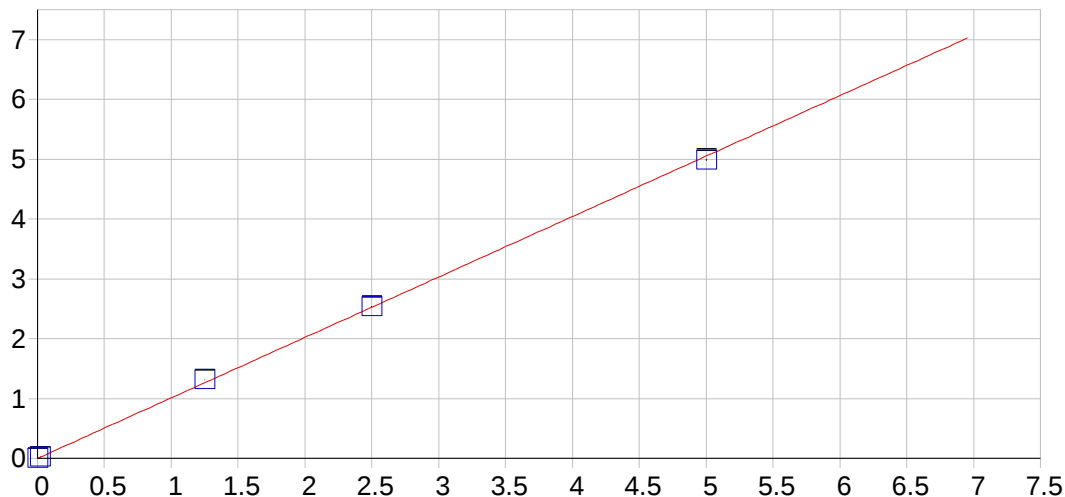
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002033 Re-Slope: 1.000000
 A1 (Gain): 0.147252 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791
 Std Error of Est: 0.000163
 Predicted MDL: 0.000760
 Predicted MQL: 0.002532

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00203	.000	1
S1	.10000	.11032	.010	10.3	.01835	.000	1
S3	2.5000	2.6059	.106	4.24	.38713	.001	1
S4	5.0000	5.0175	.018	.351	.74362	.001	1
S5	10.000	9.8663	-.134	-1.34	1.4604	.002	1



Mn 257.610 {131}

Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

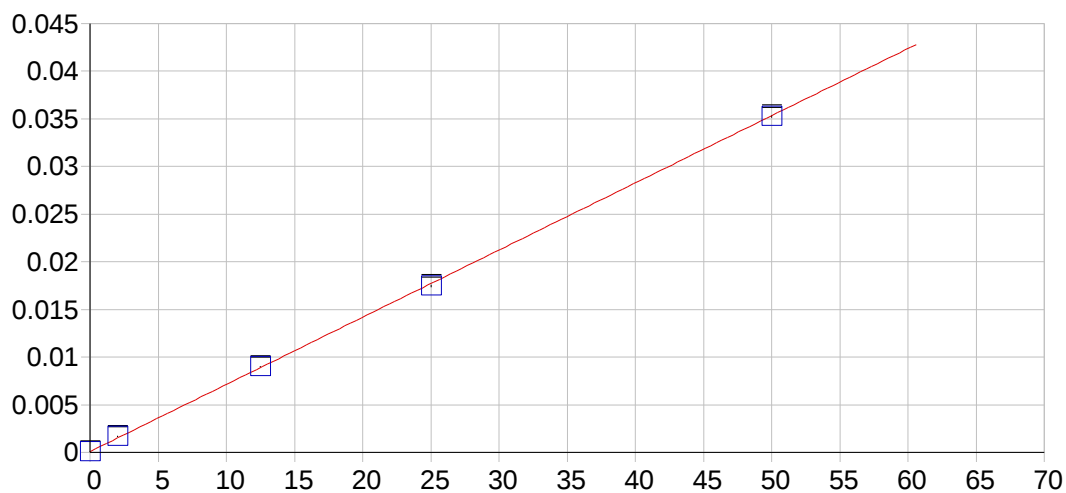
Weighting: 1/Conc

A0 (Offset): 0.000418
 A1 (Gain): 1.010355
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819
 Std Error of Est: 0.000329
 Predicted MDL: 0.000099
 Predicted MQL: 0.000330

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.02000	.02299	.003	15.0	.02365	.000	1
S3	1.2500	1.2987	.049	3.90	1.3126	.005	1
S4	2.5000	2.5109	.011	.437	2.5373	.014	1
S5	5.0000	4.9374	-.063	-1.25	4.9889	.017	1

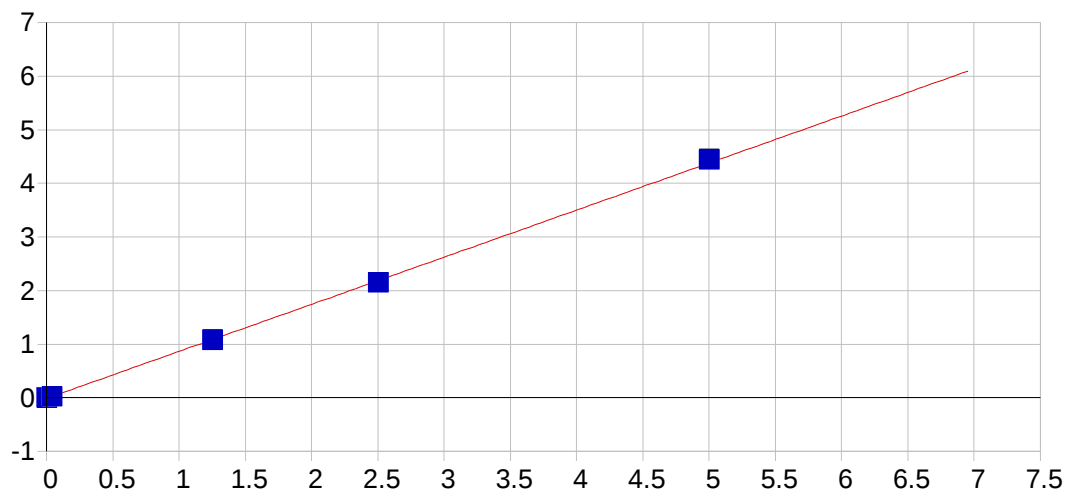


Mg 279.079 {121}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.000705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.065887
 Predicted MQL: 0.219622

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2812	.281	14.1	.00170	.000	1
S0	.00000	-.00028	-.000	.000	.00009	.000	1
S3	12.500	12.662	.162	1.30	.00901	.000	1
S4	25.000	24.667	-.333	-1.33	.01748	.000	1
S5	50.000	49.890	-.110	-.221	.03525	.000	1



Ni 231.604 {445}

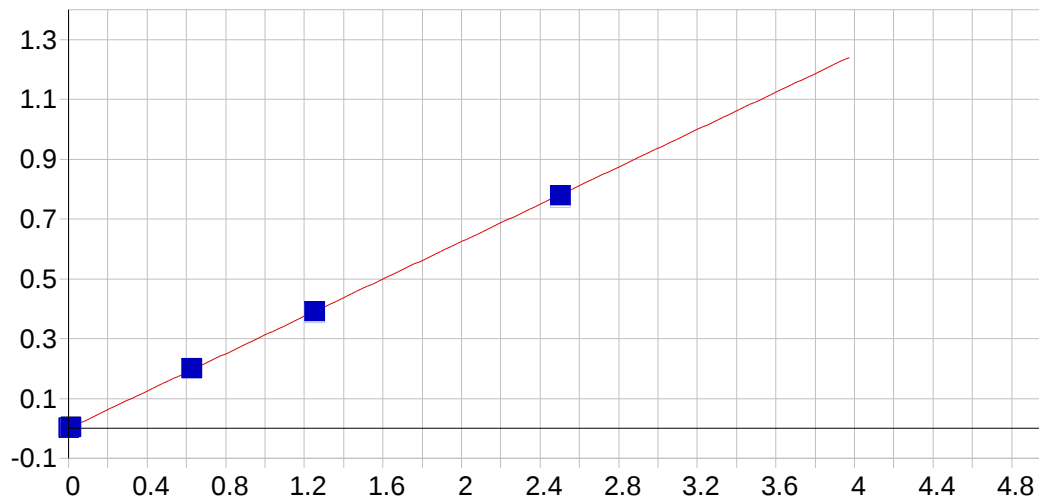
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013983 Re-Slope: 1.000000
 A1 (Gain): 0.878384 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000334
 Predicted MDL: 0.000473
 Predicted MQL: 0.001576

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01398	.000	1
S1	.04000	.03908	-.001	-2.29	.02037	.000	1
S3	1.2500	1.2336	-.016	-1.31	1.0708	.001	1
S4	2.5000	2.4497	-.050	-2.01	2.1402	.004	1
S5	5.0000	5.0677	.068	1.35	4.4422	.008	1



Ag 328.068 {103}

Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

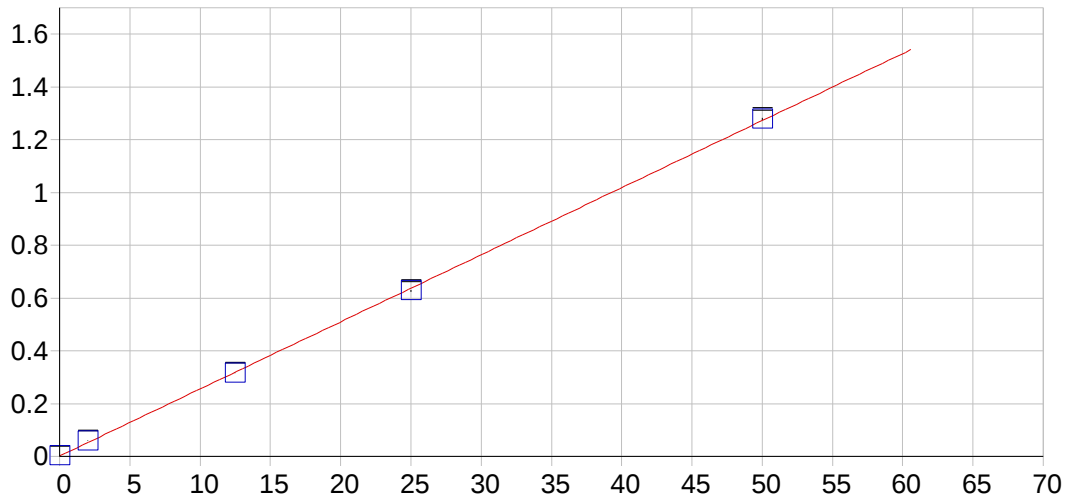
Weighting: 1/Conc

A0 (Offset): 0.000015
 A1 (Gain): 0.312208
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000033
 Predicted MDL: 0.000688
 Predicted MQL: 0.002294

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	.00001	.000	1
S1	.01000	.01162	.002	16.2	.00358	.000	1
S3	.62500	.63927	.014	2.28	.19738	.000	1
S4	1.2500	1.2462	-.004	-.303	.38465	.001	1
S5	2.5000	2.4879	-.012	-.484	.76787	.000	1

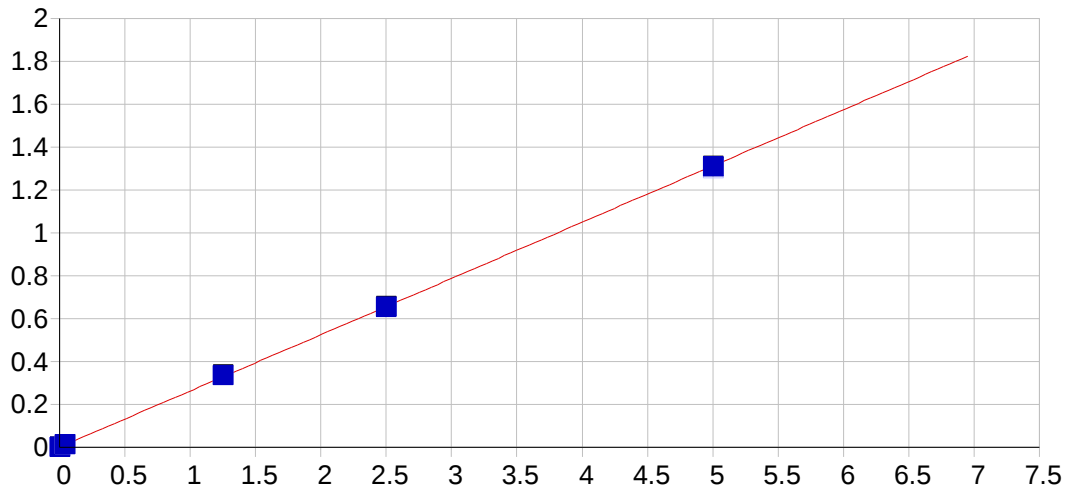


Na 589.592 { 57}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001431 Re-Slope: 1.000000
 A1 (Gain): 0.025419 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000318
 Predicted MDL: 0.015342
 Predicted MQL: 0.051140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2788	.279	13.9	.05936	.000	1
S0	.00000	-.00024	-.000	.000	.00143	.001	1
S3	12.500	12.386	-.114	-.913	.31626	.001	1
S4	25.000	24.610	-.390	-1.56	.62699	.003	1
S5	50.000	50.225	.225	.450	1.2781	.005	1



V 292.402 {115}

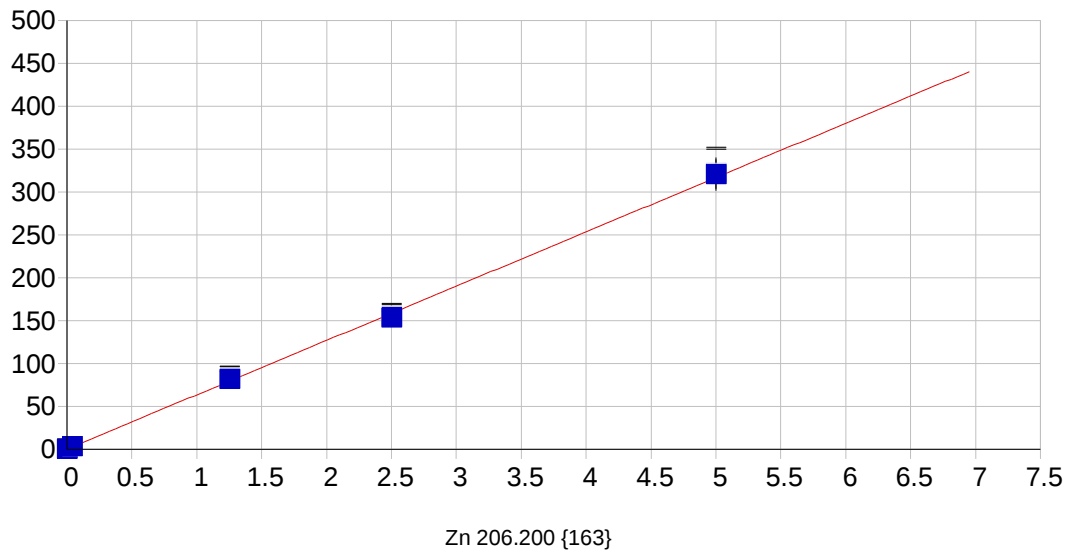
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000753 Re-Slope: 1.000000
 A1 (Gain): 0.262294 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000055
 Predicted MDL: 0.000544
 Predicted MQL: 0.001815

Status: OK.

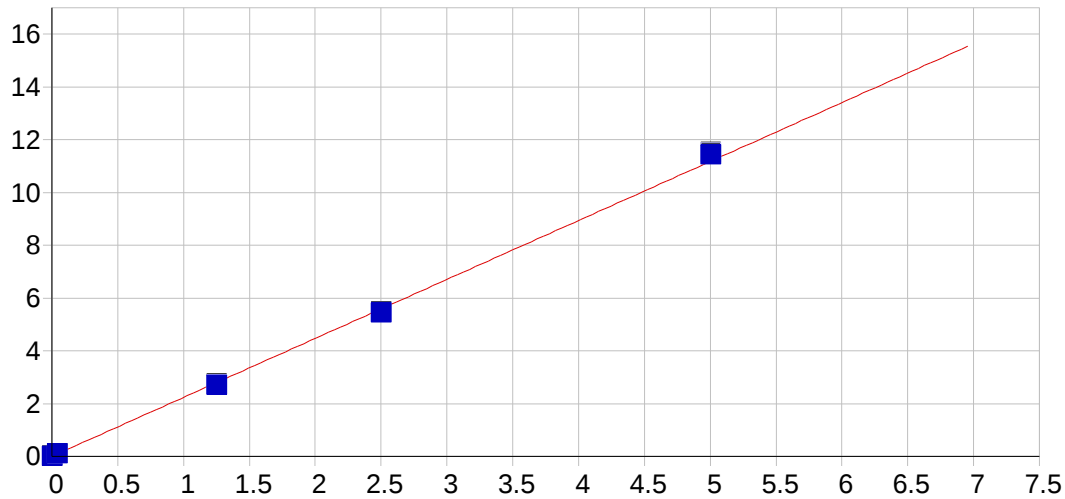
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00075	.000	1
S1	.04000	.04134	.001	3.34	.01143	.000	1
S3	1.2500	1.2753	.025	2.02	.33312	.001	1
S4	2.5000	2.4928	-.007	-.287	.65032	.001	1
S5	5.0000	4.9805	-.019	-.389	1.2985	.003	1



Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.225649 Re-Slope: 1.000000
 A1 (Gain): 63.326393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.034082
 Predicted MDL: 0.000448
 Predicted MQL: 0.001495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.22546	.023	1
S1	.04000	.04278	.003	6.96	2.9516	.059	1
S3	1.2500	1.2843	.034	2.74	82.034	3.06	1
S4	2.5000	2.4166	-.083	-3.34	154.22	3.81	1
S5	5.0000	5.0464	.046	.927	321.71	18.3	1

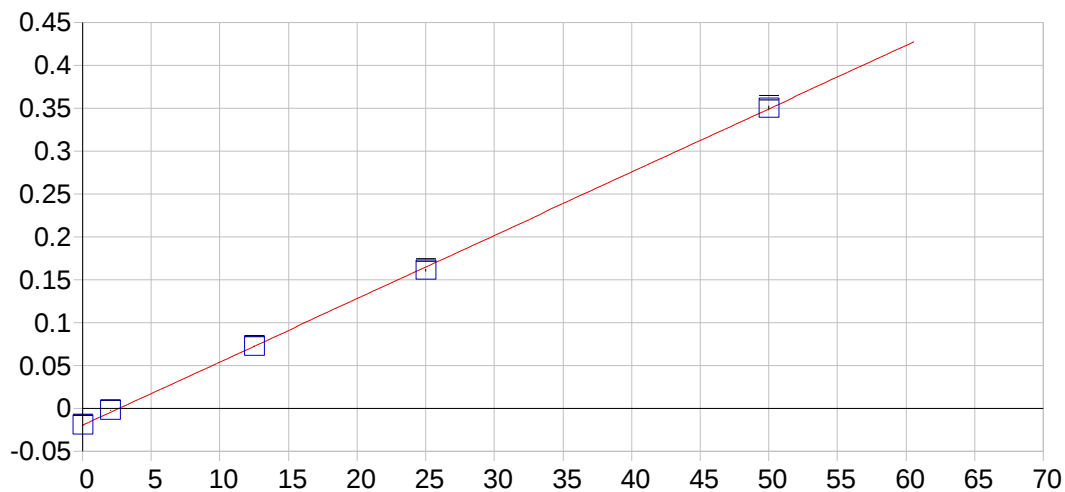


Zn 213.856 {458}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002149 Re-Slope: 1.000000
 A1 (Gain): 2.233972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999650 Status: OK.
 Std Error of Est: 0.001440
 Predicted MDL: 0.000128
 Predicted MQL: 0.000427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00216	.000	1
S1	.04000	.03722	-.003	-6.94	.08593	.000	1
S3	1.2500	1.2092	-.041	-3.27	2.7212	.008	1
S4	2.5000	2.4283	-.072	-2.87	5.4625	.007	1
S5	5.0000	5.1153	.115	2.31	11.501	.023	1



K 766.490 {44}

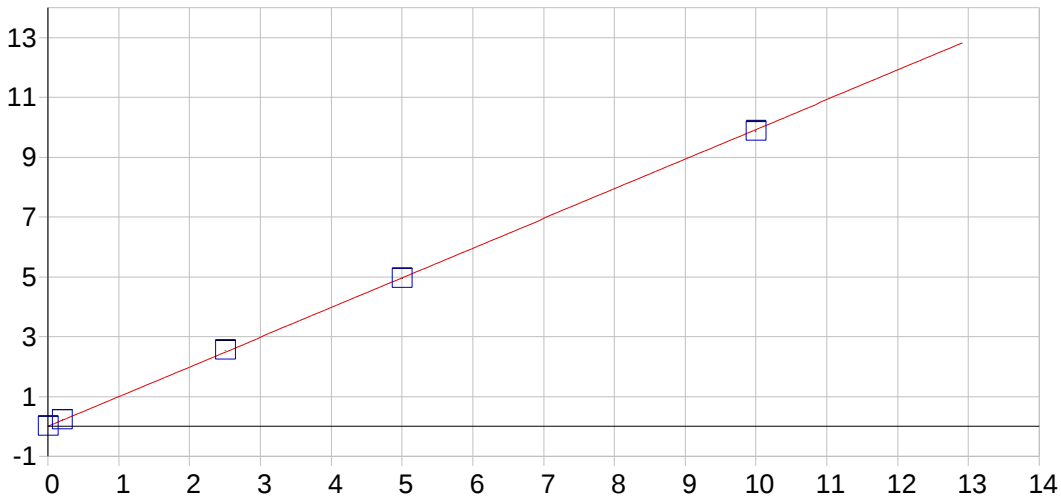
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019646 Re-Slope: 1.000000
 A1 (Gain): 0.007387 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999587
 Std Error of Est: 0.000116
 Predicted MDL: 0.062183
 Predicted MQL: 0.207277

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3579	.358	17.9	-.00223	.000	1
S0	.00000	-.00032	-.000	.000	-.01965	.001	1
S3	12.500	12.504	.004	.035	.07272	.001	1
S4	25.000	24.511	-.489	-1.95	.16141	.001	1
S5	50.000	50.126	.126	.253	.35062	.002	1



Mo 202.030 {467}

Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

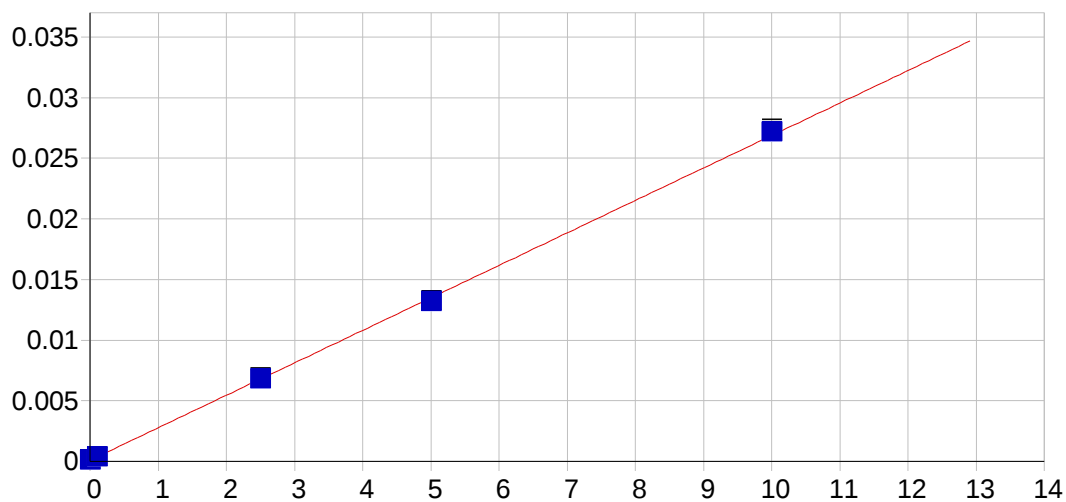
Weighting: 1/Conc

A0 (Offset): -0.000006
 A1 (Gain): 0.993038
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920
 Std Error of Est: 0.000962
 Predicted MDL: 0.000327
 Predicted MQL: 0.001091

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	.21341	.013	6.71	.21192	.001	1
S3	2.5000	2.5617	.062	2.47	2.5439	.006	1
S4	5.0000	4.9820	-.018	-.360	4.9473	.003	1
S5	10.000	9.9429	-.057	-.571	9.8736	.027	1

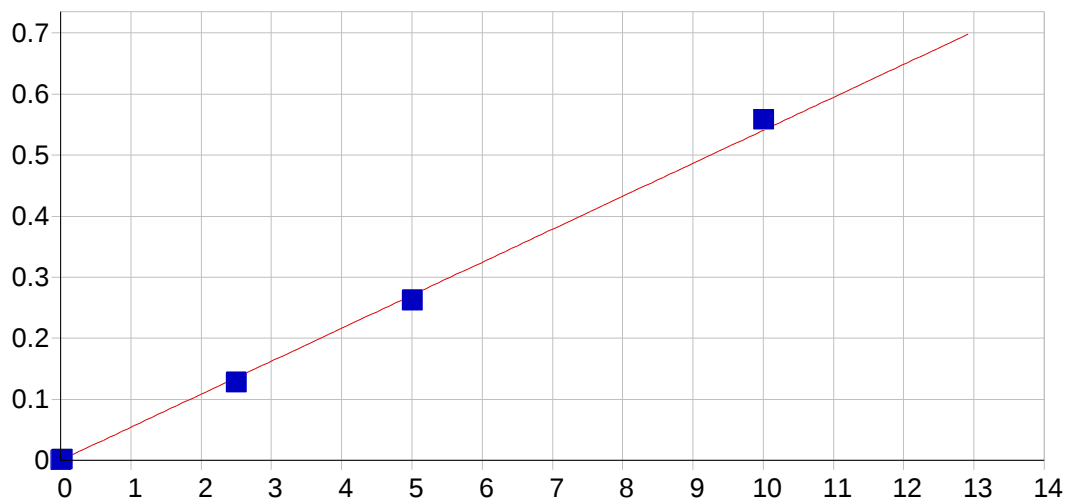


B 249.678 {135}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.002678 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.015608
 Predicted MQL: 0.052028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00009	.000	1
S1	.10000	.09411	-.006	-5.89	.00034	.000	1
S3	2.5000	2.5006	.001	.026	.00677	.000	1
S4	5.0000	4.8933	-.107	-2.13	.01317	.000	1
S5	10.000	10.112	.112	1.12	.02711	.000	1



S 182.034 {485}

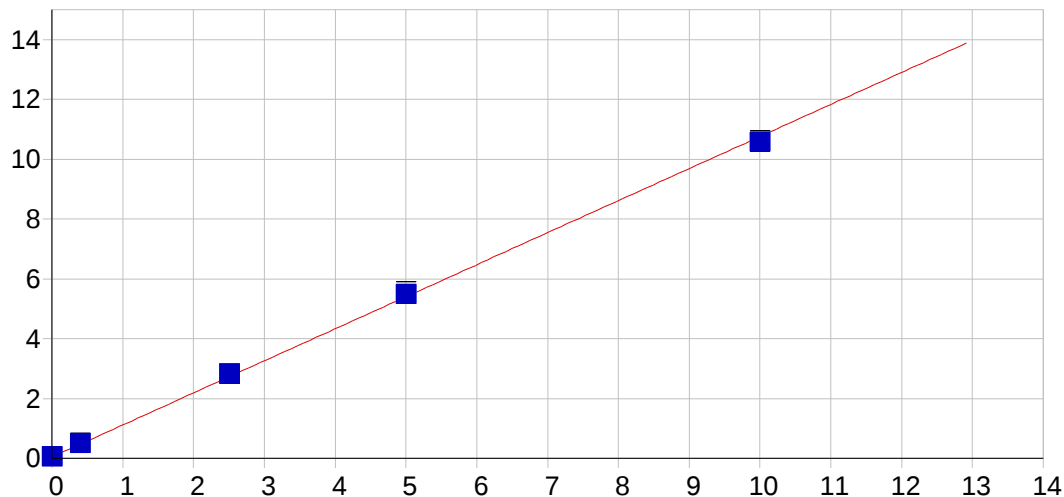
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000216 Re-Slope: 1.000000
 A1 (Gain): 0.054036 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999300
 Std Error of Est: 0.000049
 Predicted MDL: 0.003624
 Predicted MQL: 0.012080

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.02000	.01859	-.001	-7.07	.00119	.000	1
S3	2.5000	2.3503	-.150	-5.99	.12707	.000	1
S4	5.0000	4.8351	-.165	-3.30	.26118	.001	1
S5	10.000	10.316	.316	3.16	.55705	.001	1



Date of Fit: 6/21/2019 18:33:46

Type of Fit: Linear

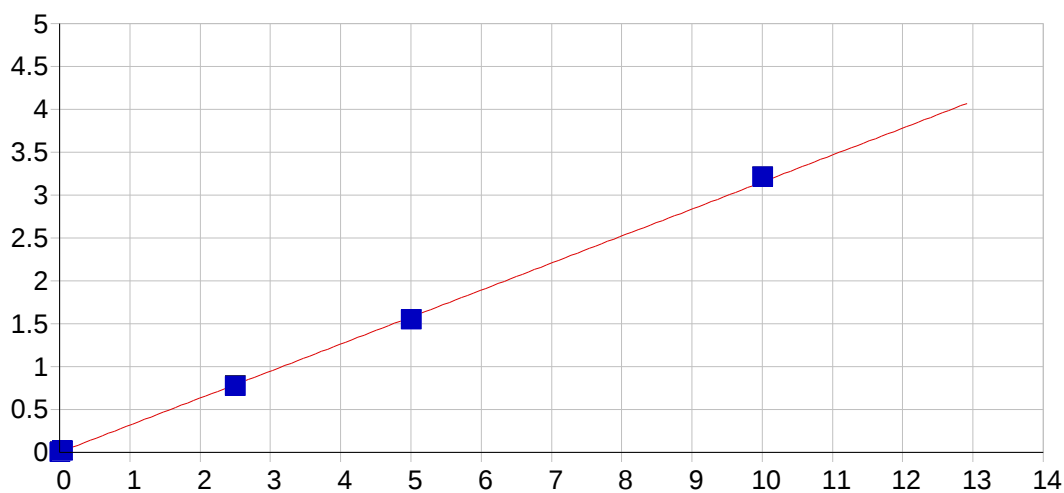
Weighting: 1/Conc

A0 (Offset): 0.043126
 A1 (Gain): 1.071602
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803
 Std Error of Est: 0.002318
 Predicted MDL: 0.002670
 Predicted MQL: 0.008899

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	.04310	.002	1
S1	.40000	.41490	.015	3.73	.48738	.005	1
S3	2.5000	2.5800	.080	3.20	2.8064	.010	1
S4	5.0000	5.0735	.073	1.47	5.4770	.091	1
S5	10.000	9.8317	-.168	-1.68	10.573	.031	1

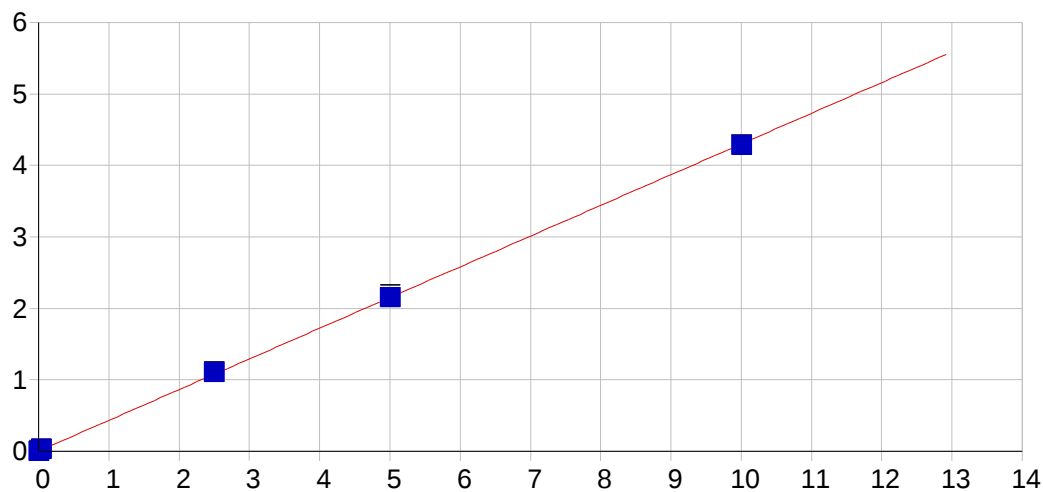


Sn 189.989 {477}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002920 Re-Slope: 1.000000
 A1 (Gain): 0.314911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000215
 Predicted MDL: 0.000650
 Predicted MQL: 0.002168

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00292	.000	1
S1	.04000	.03680	-.003	-8.00	.01451	.000	1
S3	2.5000	2.4411	-.059	-2.35	.77180	.002	1
S4	5.0000	4.8900	-.110	-2.20	1.5431	.002	1
S5	10.000	10.172	.172	1.72	3.2068	.004	1



Ti 336.121 {100}

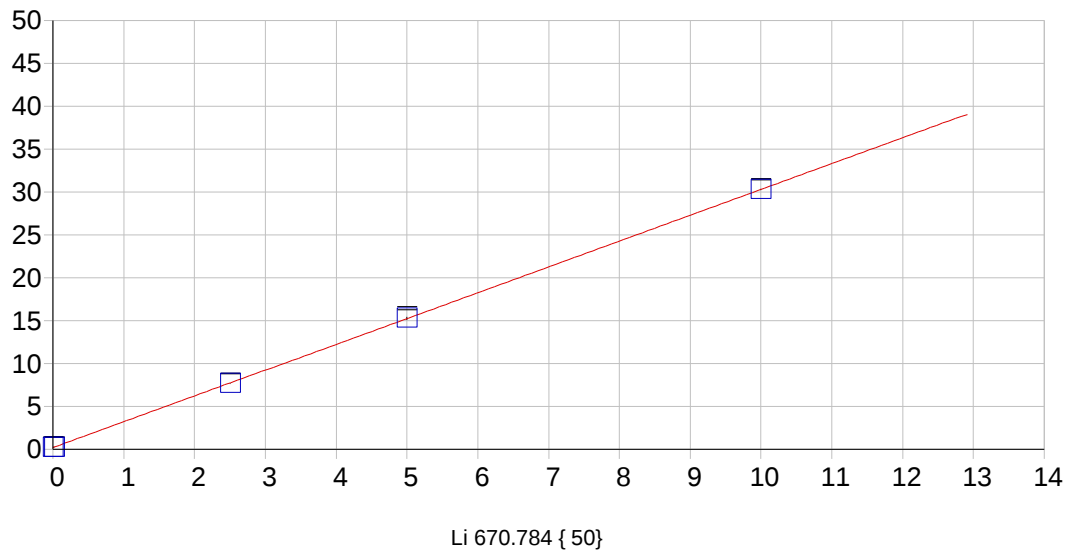
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003712 Re-Slope: 1.000000
 A1 (Gain): 0.429643 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000175
 Predicted MDL: 0.003274
 Predicted MQL: 0.010912

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00371	.002	1
S1	.04000	.04648	.006	16.2	.02367	.001	1
S3	2.5000	2.5536	.054	2.15	1.1007	.005	1
S4	5.0000	4.9909	-.009	-.182	2.1477	.040	1
S5	10.000	9.9490	-.051	-.510	4.2777	.014	1



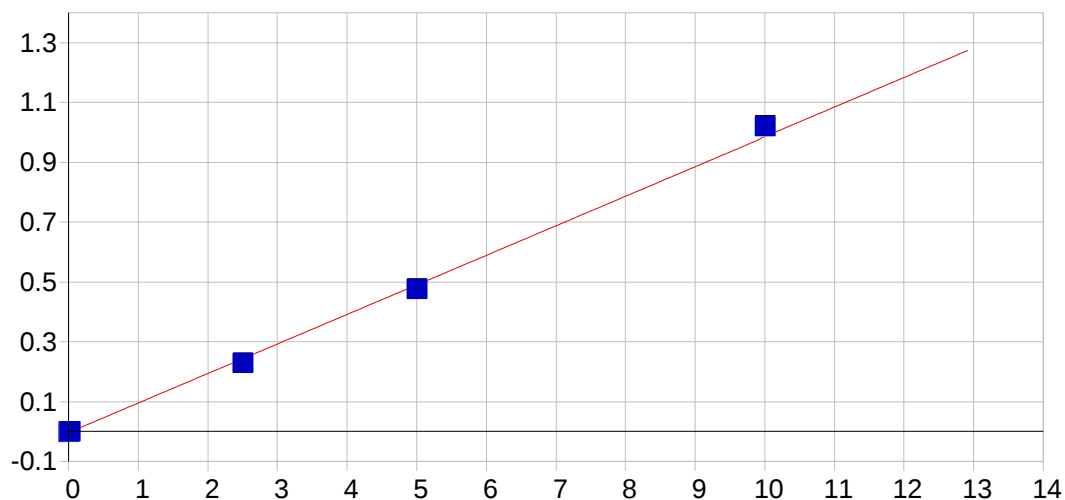
Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.198206
 A1 (Gain): 3.009939
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000270
 Predicted MDL: 0.002417
 Predicted MQL: 0.008057

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	.19821	.009	1
S1	.02000	.01849	-.002	-7.54	.25387	.010	1
S3	2.5000	2.4848	-.015	-.610	7.6772	.047	1
S4	5.0000	5.0128	.013	.256	15.286	.190	1
S5	10.000	10.004	.004	.040	30.310	.074	1



P 177.495 {490}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002865 Re-Slope: 1.000000
 A1 (Gain): 0.098783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999177 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.001870
 Predicted MQL: 0.006234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00286	.000	1
S1	.02000	.01869	-.001	-6.53	-.00102	.000	1
S3	2.5000	2.3275	-.173	-6.90	.22669	.000	1
S4	5.0000	4.8361	-.164	-3.28	.47414	.001	1
S5	10.000	10.338	.338	3.38	1.0169	.004	1



Y 224.306 {450}*

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

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

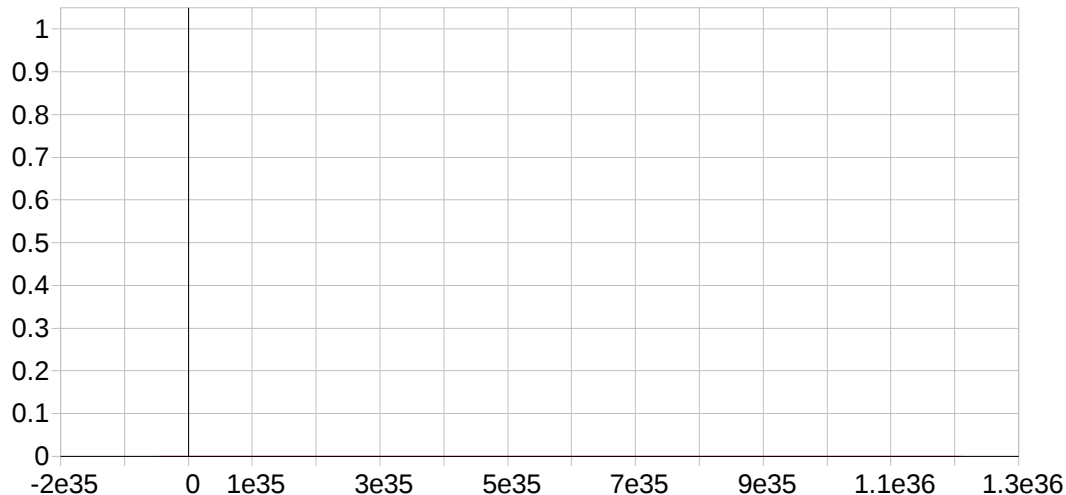
Status: Warning Zero Gain

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

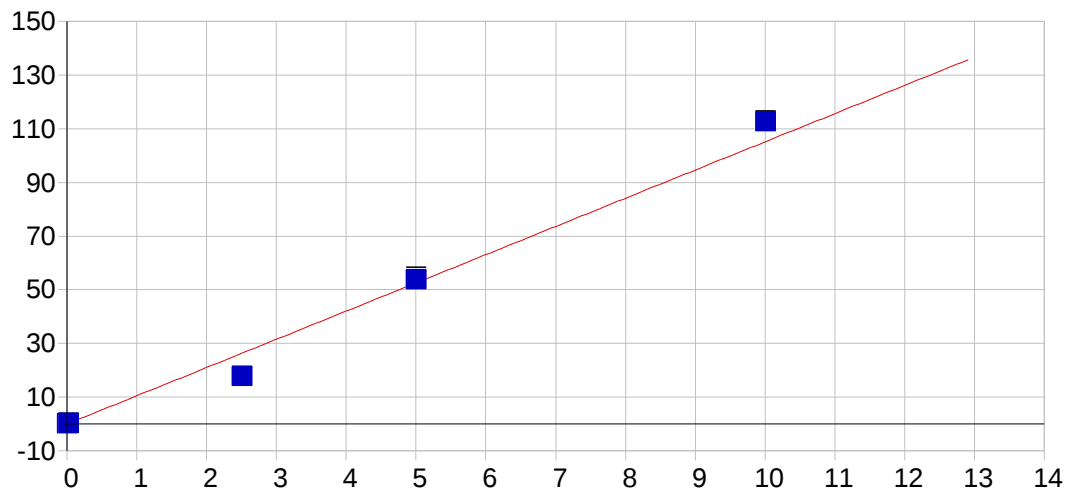
Status: Warning Zero Gain

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: 6/21/2019 18:33:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.012590

Re-Slope: 1.000000

A1 (Gain): 10.512483

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.990837

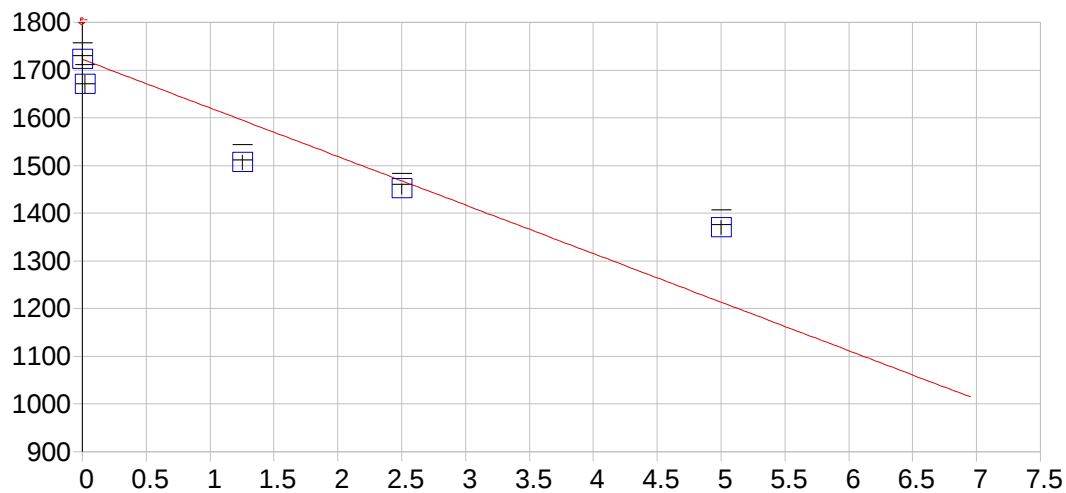
Status: OK.

Std Error of Est: 0.034650

Predicted MDL: 0.000245

Predicted MQL: 0.000817

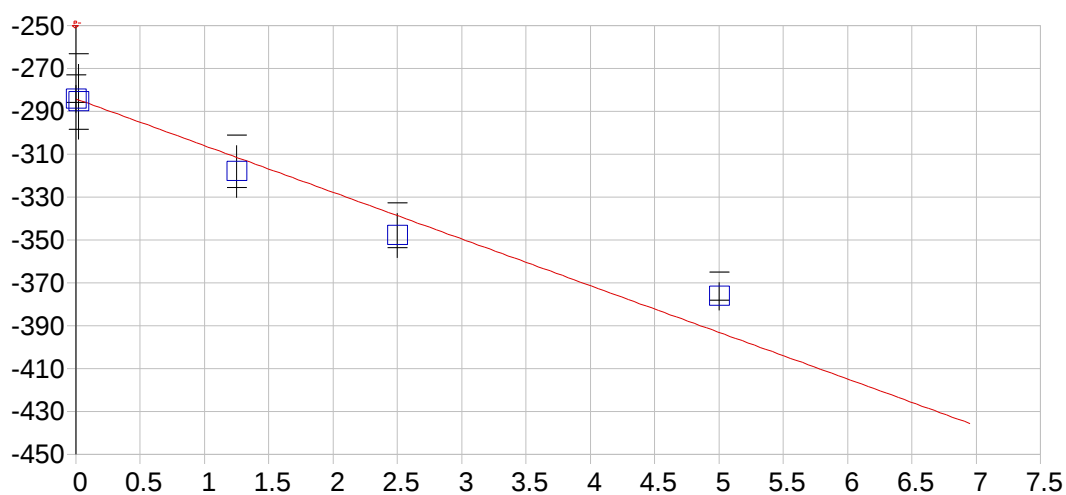
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01262	.003	1
S1	.02000	.02752	.008	37.6	.27788	.002	1
S3	2.5000	1.6763	-.824	-32.9	17.638	.097	1
S4	5.0000	5.1128	.113	2.26	53.793	.783	1
S5	10.000	10.703	.703	7.03	112.62	.256	1



Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1722.392479 Re-Slope: 1.000000
A1 (Gain): -101.757318 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.632735 Status: Warning Negative Gain
Std Error of Est: 2.128139
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.000	.000	1722.4	13.8	1
S1	.02000	.51047	.490	2450.	1670.4	20.0	1
S3	1.2500	2.1259	.876	70.1	1506.1	16.5	1
S4	2.5000	2.6664	.166	6.66	1451.1	11.2	1
S5	5.0000	3.4672	-1.53	-30.7	1369.6	15.4	1



U 385.958 { 87}

Date of Fit: 6/21/2019 18:33:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -284.219036 Re-Slope: 1.000000

A1 (Gain): -21.769573 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.980511

Status: Warning Negative Gain

Std Error of Est: 0.074539

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	-284.22	6.45	1
S1	.02000	.06120	.041	206.	-285.55	17.6	1
S3	1.2500	1.5590	.309	24.7	-318.16	12.2	1
S4	2.5000	2.9223	.422	16.9	-347.84	10.4	1
S5	5.0000	4.2275	-.773	-15.5	-376.25	6.49	1

Sample Name: S0 Acquired: 6/21/2019 11:46:16 Type: Cal
Method: P4-ICP2(v3224) 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	.00062	.00043	.01000	-.00059	.00167	.00055	.00020	-.00016
Stddev	.00029	.00028	.00044	.00036	.00026	.00005	.00004	.00006
%RSD	47.164	66.723	4.3517	60.268	15.825	9.4104	20.242	38.061

#1	.00050	.00028	.01019	-.00024	.00190	.00050	.00015	-.00014
#2	.00041	.00024	.01030	-.00059	.00138	.00054	.00022	-.00011
#3	.00096	.00075	.00950	-.00096	.00173	.00060	.00022	-.00022

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	.00470	.00507	-.00014	-.00134	.01296	.00203	.00041	.00009
Stddev	.00012	.00279	.00003	.00024	.00061	.00002	.00008	.00003
%RSD	2.5695	54.978	24.597	17.864	4.6710	1.0031	19.344	33.835

#1	.00482	.00216	-.00012	-.00112	.01294	.00204	.00051	.00006
#2	.00458	.00533	-.00012	-.00131	.01358	.00201	.00037	.00012
#3	.00469	.00771	-.00018	-.00159	.01237	.00205	.00037	.00009

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	-.01398	.00001	.00143	.00075	.00216	-.01965	-.00002	.00009
Stddev	.00008	.00012	.00091	.00002	.00006	.00064	.00014	.00002
%RSD	.59782	852.76	63.953	3.1582	2.9492	3.2681	610.58	22.468

#1	-.01407	-.00006	.00070	.00078	.00222	-.02039	-.00015	.00012
#2	-.01398	-.00005	.00113	.00075	.00217	-.01933	.00012	.00007
#3	-.01390	.00016	.00245	.00073	.00209	-.01923	-.00004	.00009

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	.00022	.04310	.00292	.00371	.19821	-.0029	-.01262	1722.4
Stddev	.00009	.00210	.00036	.00201	.00910	.0003	.00287	13.8
%RSD	41.554	4.8737	12.234	54.289	4.5891	9.218	22.775	.79882

#1	.00025	.04538	.00331	.00349	.19491	-.0029	-.01482	1738.2
#2	.00028	.04124	.00284	.00182	.20850	-.0031	-.00937	1713.1
#3	.00011	.04267	.00261	.00582	.19123	-.0026	-.01367	1716.0

Sample Name: S0 Acquired: 6/21/2019 11:46:16 Type: Cal
Method: P4-ICP2(v3224) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-284.22
Stddev	6.45
%RSD	2.2700

#1	-282.49
#2	-291.36
#3	-278.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.5	36266.	1641.4	39.266	2764.9
Stddev	6.3	180.	44.3	.871	10.8
%RSD	.26030	.49497	2.6984	2.2194	.39073

#1	2396.0	36099.	1654.0	39.380	2755.5
#2	2402.8	36456.	1592.2	40.075	2762.5
#3	2408.5	36245.	1678.1	38.343	2776.7

Sample Name: S1 Acquired: 6/21/2019 11:50:42 Type: Cal
Method: P4-ICP2(v3224) 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	.00236	.00927	.01404	.00090	.00936	.00132	.02808	.00462
Stddev	.00016	.00017	.00006	.00017	.00059	.00004	.00043	.00007
%RSD	6.7730	1.8731	.42897	18.862	6.3058	3.3580	1.5413	1.4199
#1	.00249	.00923	.01402	.00081	.00959	.00129	.02801	.00463
#2	.00218	.00912	.01411	.00110	.00979	.00131	.02769	.00456
#3	.00242	.00946	.01400	.00080	.00869	.00137	.02855	.00469
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	.02897	.00233	.03142	.03774	.01835	.02365	.02037	.00358
Stddev	.00020	.00002	.00031	.00058	.00014	.00013	.00021	.00013
%RSD	.70501	.72254	.98810	1.5416	.75099	.53845	1.0160	3.7514
#1	.02891	.00231	.03132	.03778	.01850	.02352	.02030	.00370
#2	.02879	.00235	.03116	.03713	.01832	.02366	.02020	.00360
#3	.02919	.00234	.03176	.03829	.01823	.02377	.02060	.00343
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	.01143	.08593	.21192	.00034	.00119	.48738	.01451	.02367
Stddev	.00004	.00023	.00096	.00003	.00022	.00488	.00019	.00056
%RSD	.31345	.26783	.45364	9.7736	18.264	1.0023	1.3088	2.3767
#1	.01145	.08616	.21269	.00034	.00134	.49231	.01472	.02302
#2	.01139	.08592	.21084	.00038	.00128	.48729	.01443	.02397
#3	.01146	.08570	.21223	.00031	.00094	.48254	.01437	.02403
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.25387	-.0010	.27788	1670.4	-285.55			
Stddev	.00982	.0000	.00237	20.0	17.58			
%RSD	3.8670	3.119	.85408	1.1991	6.1580			
#1	.25762	-.0011	.27697	1651.8	-290.97			
#2	.26126	-.0010	.28057	1691.7	-299.79			
#3	.24273	-.0010	.27609	1667.8	-265.90			

Sample Name: S1 Acquired: 6/21/2019 11:50:42 Type: Cal
Method: P4-ICP2(v3224) 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	2409.4	36252.	1670.8	38.372	2745.2
Stddev	12.0	46.	16.4	1.171	8.4
%RSD	.49709	.12674	.98290	3.0504	.30645
#1	2395.7	36280.	1660.6	39.598	2735.7
#2	2414.8	36199.	1662.1	37.266	2748.2
#3	2417.8	36276.	1689.8	38.252	2751.7

Sample Name: S2 Acquired: 6/21/2019 11:55:22 Type: Cal
Method: P4-ICP2(v3224) 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	.22009	.00170	.05936	-.00223
Stddev	.00153	.00007	.00031	.00022
%RSD	.69706	4.1275	.52211	9.8561

#1	.21838	.00162	.05900	-.00198
#2	.22056	.00176	.05949	-.00240
#3	.22134	.00172	.05957	-.00231

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	36277.	1667.8
Stddev	54.	9.5
%RSD	.15014	.57156

#1	36267.	1677.1
#2	36336.	1658.0
#3	36229.	1668.4

Sample Name: S3 Acquired: 6/21/2019 11:59:36 Type: Cal
Method: P4-ICP2(v3224) 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	.22290	.54406	.77825	.19791	.37594	.03327	1.3591	.09507
Stddev	.00060	.00042	.00173	.00082	.00102	.00040	.0092	.00010
%RSD	.27027	.07684	.22244	.41198	.27054	1.1986	.67693	.10403

#1	.22306	.54450	.77701	.19791	.37543	.03282	1.3496	.09517
#2	.22340	.54399	.78023	.19873	.37529	.03345	1.3680	.09506
#3	.22223	.54368	.77751	.19709	.37711	.03356	1.3598	.09497

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	5.0728	1.1212	.11718	1.4423	.73021	.38713	1.3126	.00901
Stddev	.0093	.0044	.00026	.0039	.00138	.00071	.0045	.00006
%RSD	.18337	.39434	.21887	.26980	.18858	.18258	.34369	.67271

#1	5.0798	1.1176	.11691	1.4428	.72869	.38644	1.3076	.00894
#2	5.0763	1.1261	.11741	1.4459	.73057	.38786	1.3164	.00904
#3	5.0623	1.1198	.11722	1.4382	.73137	.38709	1.3137	.00906

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	1.0708	.19738	.31626	.33312	2.7212	.07272	2.5439	.00677
Stddev	.0011	.00015	.00121	.00062	.0078	.00079	.0063	.00008
%RSD	.10623	.07829	.38163	.18651	.28745	1.0812	.24859	1.2395

#1	1.0713	.19726	.31494	.33240	2.7253	.07181	2.5449	.00668
#2	1.0715	.19755	.31729	.33345	2.7262	.07315	2.5497	.00683
#3	1.0695	.19732	.31656	.33349	2.7122	.07320	2.5371	.00682

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	.12707	2.8064	.77180	1.1007	7.6772	.2267	17.638	1506.1
Stddev	.00022	.0100	.00166	.0053	.0466	.0002	.097	16.5
%RSD	.17370	.35548	.21557	.47830	.60681	.0741	.54869	1.0941

#1	.12722	2.8076	.77002	1.0969	7.6608	.2266	17.620	1487.3
#2	.12681	2.8157	.77331	1.1067	7.7297	.2269	17.743	1513.0
#3	.12716	2.7959	.77208	1.0986	7.6410	.2266	17.552	1518.0

Sample Name: S3 Acquired: 6/21/2019 11:59:36 Type: Cal
 Method: P4-ICP2(v3224) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-318.16
Stddev	12.20
%RSD	3.8331

#1	-311.49
#2	-332.23
#3	-310.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.0	35676.	1676.7	38.557	2518.9
Stddev	7.7	150.	7.5	1.213	10.1
%RSD	.32377	.41927	.44994	3.1458	.40127

#1	2363.3	35821.	1673.2	37.271	2507.5
#2	2374.8	35522.	1671.6	38.722	2522.7
#3	2377.9	35686.	1685.4	39.680	2526.7

Sample Name: S4 Acquired: 6/21/2019 12:03:37 Type: Cal
Method: P4-ICP2(v3224) 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	.43877	1.0890	1.5476	.39031	.74647	.06503	2.6937	.18540
Stddev	.00100	.0023	.0038	.00104	.00182	.00046	.0096	.00041
%RSD	.22791	.21046	.24544	.26770	.24317	.70691	.35676	.21855
#1	.43992	1.0881	1.5452	.39134	.74855	.06531	2.6863	.18520
#2	.43823	1.0874	1.5456	.39035	.74525	.06450	2.6901	.18514
#3	.43816	1.0917	1.5519	.38925	.74560	.06527	2.7045	.18587
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	10.252	2.1773	.23057	2.8841	1.3909	.74362	2.5373	.01748
Stddev	.010	.0410	.00070	.0069	.0043	.00099	.0140	.00013
%RSD	.09299	1.8844	.30274	.23870	.30749	.13347	.55299	.75106
#1	10.244	2.2158	.23047	2.8801	1.3957	.74347	2.5440	.01754
#2	10.249	2.1341	.22993	2.8802	1.3873	.74272	2.5212	.01732
#3	10.262	2.1818	.23131	2.8921	1.3899	.74469	2.5468	.01756
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	2.1402	.38465	.62699	.65032	5.4625	.16141	4.9473	.01317
Stddev	.0043	.00083	.00261	.00081	.0075	.00122	.0033	.00005
%RSD	.20060	.21578	.41556	.12427	.13717	.75527	.06583	.37959
#1	2.1361	.38552	.62547	.64994	5.4557	.16039	4.9510	.01314
#2	2.1397	.38386	.62551	.64977	5.4613	.16108	4.9457	.01313
#3	2.1447	.38457	.63000	.65125	5.4705	.16276	4.9451	.01322
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	.26118	5.4770	1.5431	2.1477	15.286	.4741	53.793	1451.1
Stddev	.00052	.0907	.0022	.0397	.190	.0011	.783	11.2
%RSD	.19865	1.6560	.14121	1.8486	1.2437	.2421	1.4553	.77184
#1	.26101	5.5649	1.5455	2.1885	15.457	.4742	54.568	1463.5
#2	.26077	5.3838	1.5413	2.1092	15.082	.4729	53.002	1441.8
#3	.26176	5.4823	1.5425	2.1456	15.320	.4752	53.810	1447.8

Sample Name: S4 Acquired: 6/21/2019 12:03:37 Type: Cal
 Method: P4-ICP2(v3224) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-347.84
Stddev	10.44
%RSD	3.0015

#1	-359.37
#2	-339.03
#3	-345.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.1	34972.	1652.9	38.766	2377.4
Stddev	3.7	73.	26.0	.978	1.8
%RSD	.15973	.20874	1.5704	2.5216	.07444

#1	2320.8	35000.	1626.0	39.185	2378.3
#2	2327.1	35027.	1677.8	37.649	2378.5
#3	2327.2	34889.	1654.9	39.464	2375.4

Sample Name: S5 Acquired: 6/21/2019 12:07:36 Type: Cal
Method: P4-ICP2(v3224) 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	.88085	2.2324	3.2009	.78073	1.4962	.13158	5.4399	.36958
Stddev	.00303	.0034	.0046	.00300	.0039	.00095	.0605	.00066
%RSD	.34378	.15181	.14226	.38389	.26183	.72166	1.1122	.17758
#1	.88210	2.2304	3.2007	.78296	1.4994	.13157	5.4267	.36931
#2	.88305	2.2363	3.2055	.78191	1.4973	.13063	5.3871	.37033
#3	.87740	2.2304	3.1964	.77733	1.4918	.13253	5.5059	.36911
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	21.371	4.3027	.45178	6.0153	2.7315	1.4604	4.9889	.03525
Stddev	.045	.0162	.00152	.0107	.0056	.0021	.0169	.00016
%RSD	.21021	.37657	.33582	.17800	.20565	.14083	.33772	.44632
#1	21.378	4.2922	.45224	6.0115	2.7378	1.4594	5.0080	.03524
#2	21.413	4.2945	.45009	6.0274	2.7294	1.4589	4.9825	.03510
#3	21.324	4.3214	.45302	6.0070	2.7272	1.4627	4.9762	.03542
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4422	.76787	1.2781	1.2985	11.501	.35062	9.8736	.02711
Stddev	.0081	.00044	.0054	.0026	.023	.00246	.0267	.00024
%RSD	.18333	.05729	.42343	.19731	.20071	.70225	.27067	.88410
#1	4.4456	.76806	1.2792	1.2984	11.506	.35199	9.8901	.02713
#2	4.4480	.76819	1.2722	1.2961	11.521	.34778	9.8880	.02686
#3	4.4329	.76737	1.2828	1.3012	11.476	.35210	9.8428	.02734
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	.55705	10.573	3.2068	4.2777	30.310	1.017	112.62	1369.6
Stddev	.00054	.031	.0041	.0137	.074	.004	.26	15.4
%RSD	.09662	.29312	.12833	.31986	.24508	.3708	.22732	1.1208
#1	.55725	10.563	3.2103	4.2863	30.390	1.014	112.92	1378.9
#2	.55745	10.608	3.2078	4.2619	30.244	1.021	112.50	1351.9
#3	.55643	10.549	3.2022	4.2849	30.294	1.015	112.45	1377.9

Sample Name: S5 Acquired: 6/21/2019 12:07:36 Type: Cal
 Method: P4-ICP2(v3224) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-376.25
Stddev	6.49
%RSD	1.7250

#1	-381.45
#2	-368.98
#3	-378.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.0	34058.	1650.1	35.591	2180.9
Stddev	4.0	75.	6.4	1.972	2.2
%RSD	.17694	.21927	.38551	5.5412	.10255

#1	2250.0	33998.	1643.7	36.260	2181.1
#2	2251.5	34142.	1650.2	37.141	2178.6
#3	2257.5	34034.	1656.4	33.371	2183.1

Sample Name: ICV01 Acquired: 6/21/2019 12:35:20 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0117	1.0265	.98764	1.0275	1.0086	2.5522	.50911
Stddev	.0071	.0022	.00487	.0070	.0079	.0084	.00188
%RSD	.70475	.21064	.49354	.67937	.78479	.32865	.36831
#1	1.0181	1.0282	.99112	1.0339	1.0140	2.5566	.50704
#2	1.0130	1.0273	.98974	1.0286	1.0124	2.5425	.51071
#3	1.0040	1.0241	.98207	1.0201	.99956	2.5573	.50957
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51005	.47746	10.415	.50493	.49546	.51488	5.2455
Stddev	.00060	.00319	.106	.00084	.00302	.00365	.0058
%RSD	.11740	.66711	1.0202	.16561	.60971	.70863	.11029
#1	.51025	.48051	10.294	.50473	.49773	.51790	5.2456
#2	.51053	.47771	10.460	.50422	.49662	.51591	5.2512
#3	.50938	.47415	10.492	.50585	.49203	.51082	5.2396
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51240	6.0747	.49472	.52532	10.122	.51932	.98780
Stddev	.00120	.0905	.00233	.00050	.023	.00085	.00645
%RSD	.23495	1.4903	.47011	.09556	.22485	.16430	.65315
#1	.51299	6.0912	.49603	.52493	10.109	.51852	.99340
#2	.51101	5.9771	.49608	.52588	10.109	.52022	.98925
#3	.51319	6.1559	.49203	.52514	10.148	.51922	.98074
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7528	2.6187	2.5600	F -.00478	2.4868	2.4713	F 2.6721
Stddev	.0682	.0312	.0393	.00866	.0206	.0244	.0301
%RSD	.69934	1.1918	1.5362	181.41	.82876	.98732	1.1269
#1	9.7684	2.6462	2.5515	-.01424	2.4667	2.4964	2.6374
#2	9.6781	2.6252	2.5255	.00278	2.5079	2.4700	2.6867
#3	9.8118	2.5848	2.6028	-.00287	2.4858	2.4476	2.6921

Sample Name: ICV01 Acquired: 6/21/2019 12:35:20 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00536	F -.0056	F .00970	F 3.4510	F 1.9587
Stddev	.00298	.0002	.00036	.1325	.2270
%RSD	55.649	3.872	3.7157	3.8387	11.589
#1	-.00765	-.0056	.00928	3.3393	1.7856
#2	-.00645	-.0053	.00985	3.5974	1.8747
#3	-.00199	-.0057	.00995	3.4164	2.2157
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.8	35947.	1692.6	39.226	2579.2
Stddev	15.0	61.	17.4	.503	14.4
%RSD	.63095	.16834	1.0271	1.2834	.55643
#1	2365.0	35952.	1712.1	39.692	2567.4
#2	2369.6	36005.	1678.7	38.692	2575.1
#3	2392.9	35884.	1686.9	39.294	2595.2

Sample Name: LLICV01 Acquired: 6/21/2019 12:47:54 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02144	.04107	.01233	.01829	.05179	.11128	.10764	.00663
Stddev	.00130	.00031	.00022	.00337	.00166	.01254	.00151	.00006
%RSD	6.0477	.75354	1.7675	18.446	3.2064	11.270	1.3984	.83659
#1	.02293	.04072	.01222	.01464	.05362	.12521	.10688	.00669
#2	.02063	.04132	.01218	.02129	.05139	.10088	.10666	.00658
#3	.02074	.04116	.01258	.01894	.05037	.10776	.10937	.00663
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	2.1251	.01061	.02828	.01735	.10781	.02216	1.9778
Stddev	.00010	.0259	.00067	.00013	.00015	.00043	.00012	.0271
%RSD	1.7932	1.2170	6.3310	.47688	.84395	.39926	.55140	1.3676
#1	.00578	2.1529	.01127	.02836	.01749	.10733	.02212	1.9484
#2	.00579	2.1209	.01064	.02813	.01736	.10818	.02206	1.9833
#3	.00561	2.1017	.00992	.02836	.01720	.10791	.02230	2.0017
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03906	.01156	2.0370	.04276	.03872	1.9257	.21311	.08099
Stddev	.00033	.00073	.0044	.00054	.00003	.0637	.00017	.00694
%RSD	.83529	6.3455	.21543	1.2644	.07745	3.3079	.08048	8.5670
#1	.03930	.01090	2.0421	.04321	.03869	1.9935	.21330	.07301
#2	.03918	.01235	2.0349	.04291	.03873	1.8671	.21297	.08437
#3	.03869	.01142	2.0341	.04216	.03875	1.9166	.21307	.08559
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01521	.39201	.03735	F .04856	.01745	.0189	F .02796	F 3.7367
Stddev	.00213	.00082	.00015	.00484	.00382	.0006	.00030	.1355
%RSD	14.010	.21001	.40240	9.9740	21.897	2.974	1.0841	3.6273
#1	.01728	.39296	.03750	.04424	.02175	.0183	.02770	3.7248
#2	.01302	.39147	.03735	.05379	.01617	.0193	.02788	3.8777
#3	.01532	.39161	.03720	.04765	.01443	.0192	.02829	3.6074

Sample Name: LLICV01 Acquired: 6/21/2019 12:47:54 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .04020
Stddev	.23892
%RSD	594.39

#1	.01433
#2	.29100
#3	-.18474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.7	35772.	1652.0	39.767	2678.0
Stddev	9.6	82.	5.4	.432	6.7
%RSD	.40539	.23025	.32441	1.0852	.25010

#1	2351.7	35739.	1646.9	39.707	2672.0
#2	2362.7	35865.	1651.7	39.368	2676.7
#3	2370.7	35711.	1657.6	40.225	2685.2

Sample Name: ICB01 Acquired: 6/21/2019 12:52:20 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	-.00070	.00102	-.00640	-.00172	.01014	.00040	.00006
Stddev	.00136	.00085	.00071	.00286	.00129	.02447	.00025	.00010
%RSD	64.853	120.70	70.185	44.701	74.671	241.25	63.418	169.76
#1	.00361	-.00021	.00172	-.00338	-.00195	-.00936	.00030	-.00004
#2	.00099	-.00168	.00029	-.00675	-.00288	.03761	.00021	.00006
#3	.00168	-.00022	.00104	-.00907	-.00034	.00218	.00068	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01746	.00060	-.00031	-.00223	-.00006	-.00014	-.02530
Stddev	.00002	.01348	.00018	.00011	.00036	.00027	.00004	.07534
%RSD	19.715	77.190	30.800	35.429	16.240	465.46	27.147	297.76
#1	-.00010	-.02544	.00045	-.00026	-.00233	-.00017	-.00015	-.02850
#2	-.00012	-.02504	.00080	-.00024	-.00253	.00025	-.00010	-.09899
#3	-.00015	-.00190	.00054	-.00044	-.00183	-.00025	-.00017	.05159
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00012	-.05808	-.00004	-.00078	-.02042	-.00042	-.01542
Stddev	.00063	.00026	.01454	.00051	.00007	.03094	.00012	.00812
%RSD	353.82	209.53	25.041	1443.7	8.5927	151.55	29.669	52.687
#1	-.00046	-.00014	-.05346	.00053	-.00082	-.05167	-.00030	-.02392
#2	.00079	-.00037	-.04640	-.00016	-.00071	-.01978	-.00040	-.01459
#3	.00021	.00014	-.07437	-.00048	-.00082	.01020	-.00055	-.00774
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00295	-.00178	.00534	-.00883	-.0002	.00015	F 3.4793
Stddev	.00073	.00195	.00047	.00059	.00172	.0019	.00014	.0416
%RSD	100.75	66.083	26.220	11.017	19.500	1234.	94.484	1.1948
#1	.00012	-.00071	-.00231	.00507	-.01009	-.0020	.00016	3.4348
#2	-.00111	-.00392	-.00158	.00601	-.00687	-.0003	.00028	3.5172
#3	-.00118	-.00423	-.00144	.00494	-.00954	.0018	.00000	3.4858

Sample Name: ICB01 Acquired: 6/21/2019 12:52:20 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .18727
Stddev	.25694
%RSD	137.20

#1	.11640
#2	.47220
#3	-.02680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.0	36215.	1672.4	38.799	2727.0
Stddev	12.8	13.	9.6	1.254	15.0
%RSD	.53299	.03650	.57305	3.2323	.55065

#1	2378.4	36225.	1661.4	37.436	2709.8
#2	2398.7	36219.	1678.5	39.905	2733.3
#3	2402.0	36200.	1677.4	39.057	2737.8

Sample Name: CRI01 Acquired: 6/21/2019 12:56:48 Type: Unk
Method: P4-ICP2(v3224) 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	.01947	.04001	.01291	.01721	.05258	.10879	.10669	.00670
Stddev	.00222	.00066	.00078	.00229	.00134	.00387	.00088	.00013
%RSD	11.380	1.6608	6.0445	13.317	2.5581	3.5601	.82256	1.8906
#1	.01744	.04006	.01232	.01472	.05149	.10549	.10635	.00684
#2	.01913	.03932	.01379	.01767	.05216	.11305	.10769	.00659
#3	.02183	.04065	.01260	.01924	.05408	.10782	.10603	.00667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	2.1192	.01082	.02790	.01747	.11094	.02209	2.0574
Stddev	.00005	.0185	.00066	.00033	.00039	.00125	.00020	.0556
%RSD	.81197	.87117	6.1407	1.1994	2.2119	1.1295	.89083	2.7048
#1	.00569	2.0979	.01105	.02816	.01705	.11238	.02230	2.1135
#2	.00560	2.1291	.01007	.02752	.01755	.11027	.02206	2.0022
#3	.00565	2.1305	.01133	.02802	.01782	.11016	.02192	2.0565
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03801	.01154	2.0485	.04252	.03882	1.8954	.21059	.08119
Stddev	.00008	.00029	.0106	.00070	.00024	.0261	.00119	.01387
%RSD	.21999	2.5072	.51600	1.6487	.62115	1.3758	.56351	17.080
#1	.03809	.01154	2.0430	.04331	.03909	1.8845	.21174	.06540
#2	.03803	.01125	2.0607	.04199	.03875	1.8765	.20937	.09137
#3	.03792	.01183	2.0418	.04225	.03863	1.9252	.21064	.08679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01425	.40788	.03485	.04627	.01445	.0191	F .02781	F 3.7093
Stddev	.00077	.00524	.00046	.00209	.00307	.0004	.00031	.3295
%RSD	5.4231	1.2842	1.3277	4.5157	21.268	2.187	1.1136	8.8817
#1	.01490	.41382	.03537	.04845	.01777	.0193	.02749	4.0479
#2	.01445	.40587	.03471	.04429	.01171	.0194	.02811	3.6903
#3	.01340	.40394	.03447	.04607	.01387	.0186	.02782	3.3898

Sample Name: CRI01 Acquired: 6/21/2019 12:56:48 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0758
Stddev	.6581
%RSD	61.169

#1	1.8024
#2	.51986
#3	.90518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.7	35766.	1652.6	38.560	2690.7
Stddev	2.6	522.	15.7	.931	5.0
%RSD	.10878	1.4604	.94899	2.4138	.18575

#1	2372.8	35169.	1634.6	37.511	2685.2
#2	2377.0	35986.	1660.2	38.880	2691.7
#3	2377.5	36142.	1663.1	39.289	2695.1

Sample Name: ICSA01 Acquired: 6/21/2019 13:01:15 Type: Unk
Method: P4-ICP2(v3224) 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	.00175	.00874	-.00260	-.00982	.00493	270.46	.00866	.00212
Stddev	.00239	.00261	.00342	.00114	.00277	.34	.00071	.00007
%RSD	136.66	29.876	131.39	11.586	56.234	.12714	8.1795	3.1355

#1	.00078	.01076	-.00655	-.00854	.00499	270.73	.00821	.00212
#2	-.00000	.00968	-.00040	-.01022	.00213	270.07	.00830	.00206
#3	.00447	.00579	-.00086	-.01071	.00767	270.57	.00948	.00219

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	251.67	.04622	-.00123	.01866	97.298	.01145	273.38
Stddev	.00017	1.16	.00104	.00032	.00072	.588	.00001	.49
%RSD	61.915	.46073	2.2465	25.932	3.8445	.60386	.11934	.18033

#1	.00009	250.56	.04689	-.00149	.01943	97.974	.01144	273.89
#2	.00041	251.58	.04675	-.00087	.01851	96.908	.01146	273.33
#3	.00031	252.87	.04502	-.00132	.01802	97.012	.01144	272.91

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00930	-.00179	-.01154	.00138	-.01447	-.24904	-.00190	-.03722
Stddev	.00024	.00031	.00154	.00044	.00021	.04099	.00047	.02172
%RSD	2.5936	17.435	13.352	32.013	1.4429	16.459	24.767	58.337

#1	-.00956	-.00160	-.00996	.00153	-.01471	-.29478	-.00205	-.02866
#2	-.00924	-.00162	-.01304	.00172	-.01432	-.21565	-.00228	-.06192
#3	-.00909	-.00215	-.01161	.00088	-.01439	-.23668	-.00137	-.02110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02251	-.00793	.00764	.00260	.00719	.0042	.02666	4.9796
Stddev	.00282	.00126	.00152	.00344	.00111	.0012	.00178	.0673
%RSD	12.525	15.854	19.939	132.41	15.413	28.84	6.6722	1.3521

#1	-.01987	-.00823	.00621	.00290	.00728	.0056	.02463	4.9837
#2	-.02220	-.00900	.00925	-.00098	.00604	.0034	.02793	5.0448
#3	-.02548	-.00655	.00747	.00589	.00825	.0036	.02742	4.9103

Sample Name: ICSA01 Acquired: 6/21/2019 13:01:15 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	25.602
Stddev	.364
%RSD	1.4212

#1	25.271
#2	25.544
#3	25.991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.4	32271.	1618.3	35.696	2117.6
Stddev	5.4	127.	6.2	.798	7.1
%RSD	.24985	.39439	.38353	2.2347	.33687

#1	2177.5	32124.	1625.1	35.260	2125.5
#2	2167.1	32351.	1616.9	36.616	2115.8
#3	2169.6	32338.	1612.9	35.211	2111.6

Sample Name: ICSAB01 Acquired: 6/21/2019 13:05:53 Type: Unk
Method: P4-ICP2(v3224) 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	.11044	.11721	.05135	.04746	.65031	264.85	.56843
Stddev	.00623	.00231	.00147	.00339	.00481	.65	.00286
%RSD	5.6416	1.9742	2.8544	7.1523	.74007	.24376	.50370

#1	.11620	.11462	.05257	.04354	.64943	264.12	.56629
#2	.11129	.11909	.04973	.04951	.65550	265.09	.57168
#3	.10383	.11791	.05176	.04932	.64600	265.34	.56732

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57666	1.0445	250.09	.56979	.52150	.51389	95.247
Stddev	.00192	.0004	.52	.00118	.00038	.00068	.810
%RSD	.33270	.03950	.20973	.20714	.07192	.13227	.85031

#1	.57546	1.0448	249.82	.57115	.52142	.51461	94.353
#2	.57565	1.0440	249.75	.56914	.52191	.51381	95.931
#3	.57888	1.0447	250.69	.56908	.52118	.51326	95.458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52350	267.32	1.0230	.21785	-.01540	.54326	1.1415
Stddev	.00301	.96	.0011	.00047	.01183	.00352	.0006
%RSD	.57497	.35956	.10706	.21588	76.827	.64766	.05000

#1	.52082	266.31	1.0239	.21828	-.01246	.53991	1.1411
#2	.52292	267.44	1.0218	.21735	-.02844	.54294	1.1421
#3	.52675	268.22	1.0233	.21791	-.00532	.54692	1.1411

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18007	1.0910	1.1048	F -.02307	.98915	1.1332	1.1068
Stddev	.03524	.0020	.0357	.01022	.00463	.0036	.0012
%RSD	19.569	.18713	3.2307	44.294	.46803	.31716	.10953

#1	-.14032	1.0920	1.0893	-.03248	.98512	1.1355	1.1082
#2	-.20747	1.0923	1.0795	-.01220	.98814	1.1290	1.1058
#3	-.19240	1.0886	1.1456	-.02454	.99421	1.1351	1.1064

Sample Name: ICSAB01 Acquired: 6/21/2019 13:05:53 Type: Unk
Method: P4-ICP2(v3224) 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 .00564	F .0029	F .02718	5.0759	25.591
Stddev	.00107	.0022	.00136	.0883	.346
%RSD	18.876	74.17	4.9962	1.7392	1.3502
#1	.00443	.0037	.02861	5.1165	25.986
#2	.00606	.0005	.02591	5.1366	25.442
#3	.00644	.0046	.02703	4.9746	25.345
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.1	32754.	1620.2	35.714	2091.4
Stddev	3.8	100.	3.1	.526	2.5
%RSD	.17277	.30463	.18955	1.4735	.11791
#1	2172.9	32864.	1621.8	35.929	2088.7
#2	2175.2	32670.	1616.7	36.099	2093.5
#3	2180.3	32727.	1622.2	35.114	2092.0

Sample Name: CCV01 Acquired: 6/21/2019 13:10:18 Type: Unk
Method: P4-ICP2(v3224) 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	4.9134	4.9514	4.9434	5.0098	5.0102	9.7807	9.9681	.25578
Stddev	.0141	.0255	.0155	.0148	.0157	.0845	.0767	.00197
%RSD	.28709	.51582	.31409	.29510	.31388	.86434	.76992	.76980
#1	4.8980	4.9325	4.9266	4.9941	4.9921	9.7195	9.8940	.25500
#2	4.9166	4.9805	4.9572	5.0235	5.0183	9.7453	9.9631	.25432
#3	4.9257	4.9413	4.9465	5.0118	5.0202	9.8772	10.047	.25802
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4404	25.245	1.0059	2.4705	1.2325	5.0199	2.4415	24.868
Stddev	.0097	.063	.0079	.0084	.0063	.0245	.0140	.234
%RSD	.39540	.24910	.78284	.33879	.51135	.48881	.57247	.94118
#1	2.4305	25.186	.99843	2.4619	1.2259	4.9965	2.4274	24.726
#2	2.4498	25.237	1.0050	2.4786	1.2384	5.0179	2.4418	24.741
#3	2.4409	25.311	1.0141	2.4709	1.2331	5.0454	2.4553	25.139
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4553	1.2465	25.003	2.5384	2.4651	23.620	4.9241	4.8002
Stddev	.0109	.0089	.180	.0136	.0098	.094	.0177	.0714
%RSD	.44542	.71616	.72006	.53460	.39745	.39770	.35936	1.4866
#1	2.4434	1.2366	24.854	2.5268	2.4549	23.529	4.9043	4.7650
#2	2.4650	1.2489	24.952	2.5351	2.4744	23.616	4.9384	4.7533
#3	2.4575	1.2539	25.203	2.5533	2.4659	23.716	4.9297	4.8823
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8677	4.9050	4.8735	4.9723	4.8637	5.087	5.1032	4.9406
Stddev	.0392	.0085	.0435	.0188	.0156	.030	.0069	.1227
%RSD	.80469	.17337	.89260	.37756	.32164	.5968	.13534	2.4832
#1	4.8306	4.8973	4.8363	4.9542	4.8675	5.052	5.0957	4.8040
#2	4.9086	4.9141	4.9213	4.9709	4.8465	5.106	5.1049	4.9764
#3	4.8639	4.9035	4.8628	4.9917	4.8771	5.103	5.1092	5.0414

Sample Name: CCV01 Acquired: 6/21/2019 13:10:18 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0614
Stddev	.2966
%RSD	9.6886

#1	3.0093
#2	2.7942
#3	3.3805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.4	34644.	1641.9	37.889	2327.2
Stddev	2.5	163.	2.0	1.694	4.4
%RSD	.10961	.47168	.12464	4.4702	.18767

#1	2296.1	34751.	1639.9	37.652	2328.0
#2	2292.7	34726.	1641.8	36.326	2322.5
#3	2297.5	34456.	1644.0	39.689	2331.2

Sample Name: LLCCV01 Acquired: 6/21/2019 13:14:17 Type: Unk
Method: P4-ICP2(v3224) 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	.01814	.04201	.01349	.02001	.05339	.08761	.10731	.00660
Stddev	.00276	.00102	.00077	.00402	.00165	.02961	.00124	.00010
%RSD	15.228	2.4182	5.6858	20.112	3.0933	33.791	1.1580	1.5651
#1	.02093	.04139	.01345	.01802	.05528	.05357	.10871	.00648
#2	.01809	.04146	.01275	.02464	.05224	.10190	.10634	.00664
#3	.01541	.04318	.01428	.01736	.05265	.10736	.10689	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	2.1359	.01045	.02826	.01711	.10959	.02212	2.0617
Stddev	.00007	.0372	.00069	.00009	.00063	.00037	.00009	.0517
%RSD	1.2325	1.7399	6.5854	.30835	3.7072	.33780	.42376	2.5063
#1	.00574	2.1785	.01014	.02816	.01694	.10962	.02214	2.1123
#2	.00570	2.1194	.01124	.02832	.01658	.10995	.02220	2.0091
#3	.00584	2.1099	.00997	.02829	.01781	.10921	.02201	2.0637
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03875	.01131	2.0424	.04356	.03909	1.8675	.21143	.08058
Stddev	.00030	.00013	.0065	.00054	.00009	.0207	.00086	.00630
%RSD	.76967	1.1615	.31798	1.2407	.22437	1.1063	.40816	7.8191
#1	.03848	.01145	2.0496	.04305	.03905	1.8809	.21238	.08580
#2	.03870	.01119	2.0369	.04412	.03919	1.8437	.21071	.08237
#3	.03907	.01128	2.0408	.04352	.03902	1.8779	.21120	.07358
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01507	.39498	.03677	.04721	.01629	.0180	F .02791	F 3.8887
Stddev	.00437	.00982	.00034	.00182	.00131	.0011	.00004	.1687
%RSD	28.972	2.4856	.91385	3.8551	8.0636	6.389	.15186	4.3390
#1	.01031	.39572	.03673	.04517	.01778	.0189	.02790	3.8867
#2	.01889	.40441	.03646	.04779	.01529	.0184	.02796	3.7210
#3	.01602	.38481	.03713	.04867	.01580	.0167	.02788	4.0584

Sample Name: LLCCV01 Acquired: 6/21/2019 13:14:17 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .85747
Stddev	.23185
%RSD	27.039

#1	.89453
#2	1.0686
#3	.60931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.1	35794.	1659.4	39.272	2675.8
Stddev	13.8	104.	19.4	1.362	4.0
%RSD	.57956	.28988	1.1693	3.4691	.14782

#1	2359.5	35763.	1656.4	39.786	2671.9
#2	2385.4	35710.	1641.7	37.727	2679.8
#3	2380.5	35910.	1680.1	40.302	2675.7

Sample Name: CCB01 Acquired: 6/21/2019 13:18:44 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	-.00002	.00048	.00061	-.00198	-.01525	.00099	.00001
Stddev	.00126	.00191	.00147	.00677	.00093	.01731	.00078	.00012
%RSD	60.945	11538.	307.71	1102.8	47.096	113.50	78.714	1226.6
#1	-.00102	-.00080	.00214	.00653	-.00096	-.03254	.00095	.00014
#2	-.00347	-.00141	-.00007	-.00677	-.00278	-.01528	.00023	-.00004
#3	-.00172	.00216	-.00064	.00209	-.00221	.00208	.00178	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01955	.00027	-.00027	-.00262	.00085	-.00007	-.05819
Stddev	.00005	.00654	.00035	.00020	.00030	.00028	.00010	.05417
%RSD	147.59	33.425	126.72	72.725	11.355	32.842	142.03	93.090
#1	.00001	-.02218	-.00005	-.00019	-.00293	.00117	-.00006	-.10394
#2	-.00002	-.01211	.00064	-.00050	-.00234	.00064	.00002	-.07224
#3	-.00008	-.02436	.00023	-.00013	-.00260	.00074	-.00018	.00162
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00003	-.09802	.00013	-.00074	-.17029	-.00035	-.01785
Stddev	.00054	.00037	.00936	.00032	.00010	.05264	.00012	.00754
%RSD	132.41	1483.3	9.5526	236.03	13.355	30.911	33.714	42.270
#1	-.00094	.00035	-.10584	.00027	-.00078	-.10994	-.00047	-.01443
#2	-.00040	.00010	-.10057	.00036	-.00063	-.20675	-.00036	-.01261
#3	.00013	-.00038	-.08764	-.00023	-.00082	-.19418	-.00023	-.02649
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	-.00352	-.00243	.00349	-.00641	.0009	.00013	F 4.0405
Stddev	.00174	.00051	.00074	.00152	.00032	.0009	.00024	.1057
%RSD	69.978	14.377	30.560	43.551	5.0652	98.19	187.45	2.6163
#1	-.00177	-.00294	-.00307	.00243	-.00672	.0002	.00030	4.0560
#2	-.00122	-.00382	-.00161	.00282	-.00642	.0005	.00024	4.1376
#3	-.00447	-.00382	-.00260	.00523	-.00607	.0019	-.00015	3.9279

Sample Name: CCB01 Acquired: 6/21/2019 13:18:44 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .79604
Stddev	.13291
%RSD	16.696

#1	.69288
#2	.94603
#3	.74922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.9	35567.	1656.1	39.169	2704.7
Stddev	8.3	579.	9.8	1.268	9.4
%RSD	.34886	1.6292	.58900	3.2374	.34938

#1	2374.3	35776.	1645.8	40.066	2695.3
#2	2380.8	34912.	1657.4	37.718	2704.6
#3	2390.8	36013.	1665.2	39.723	2714.2

Sample Name: K3382-03 Acquired: 6/21/2019 13:22:42 Type: Unk
Method: P4-ICP2(v3224) 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	-.00131	.00017	.00132	-.00355	-.00189	.04363	.00367	-.00002
Stddev	.00172	.00075	.00104	.00440	.00118	.01352	.00043	.00011
%RSD	131.42	427.67	79.088	123.75	62.443	30.978	11.710	424.92

#1	-.00317	-.00066	.00189	-.00836	-.00323	.03718	.00405	.00009
#2	-.00099	.00077	.00011	-.00258	-.00144	.03455	.00377	-.00006
#3	.00023	.00042	.00195	.00027	-.00100	.05916	.00320	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	4.7347	.00075	-.00011	.00007	.07401	.00168	.73989
Stddev	.00005	.0209	.00048	.00004	.00014	.00300	.00005	.11501
%RSD	119.17	.44086	64.319	37.885	181.99	4.0478	3.2137	15.544

#1	.00010	4.7495	.00026	-.00015	.00023	.07704	.00162	.86553
#2	.00002	4.7439	.00076	-.00007	-.00003	.07395	.00168	.63981
#3	.00001	4.7109	.00122	-.00010	.00003	.07105	.00173	.71434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00066	1.0286	.00078	.00206	.34839	.00186	-.00698
Stddev	.00028	.00026	.0294	.00025	.00013	.06515	.00022	.00213
%RSD	216.52	38.657	2.8600	31.893	6.3284	18.700	11.846	30.477

#1	.00028	.00058	1.0594	.00103	.00215	.27991	.00211	-.00903
#2	-.00020	.00045	1.0257	.00053	.00211	.35566	.00169	-.00714
#3	.00031	.00095	1.0007	.00080	.00191	.40960	.00177	-.00478

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91621	.48238	-.00310	.00361	-.00695	.0043	.03609	4.1537
Stddev	.00902	.00703	.00049	.00261	.00146	.0004	.00036	.5348
%RSD	.98451	1.4574	15.688	72.466	21.065	8.749	.99567	12.875

#1	.92173	.48025	-.00285	.00176	-.00526	.0040	.03578	4.6784
#2	.90581	.49023	-.00278	.00660	-.00768	.0047	.03648	4.1732
#3	.92111	.47666	-.00366	.00246	-.00789	.0042	.03602	3.6094

Sample Name: K3382-03 Acquired: 6/21/2019 13:22:42 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .65572
Stddev .48405
%RSD 73.820

#1 .29026
#2 .47220
#3 1.2047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.2	35668.	1667.5	38.910	2744.4
Stddev	10.8	1184.	9.5	1.168	14.1
%RSD	.45223	3.3182	.57224	3.0031	.51480

#1	2386.0	34314.	1672.0	39.109	2729.1
#2	2398.0	36183.	1656.6	37.655	2747.1
#3	2407.6	36506.	1674.0	39.966	2757.0

Sample Name: K3382-03DUP Acquired: 6/21/2019 13:27:12 Type: Unk
Method: P4-ICP2(v3224) 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	.00169	.00173	-.00012	-.00271	-.00209	.05069	.00247	.00002
Stddev	.00148	.00038	.00190	.00228	.00131	.01134	.00082	.00003
%RSD	87.439	21.907	1622.1	83.898	62.659	22.369	33.055	194.36

#1	-.00000	.00211	-.00158	-.00534	-.00186	.06234	.00265	.00004
#2	.00273	.00135	-.00080	-.00143	-.00091	.03970	.00318	.00003
#3	.00235	.00174	.00202	-.00137	-.00351	.05001	.00158	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	4.5822	.00038	-.00010	.00003	.08384	.00157	.68667
Stddev	.00001	.0960	.00009	.00029	.00008	.00132	.00010	.03702
%RSD	20.956	2.0960	24.562	296.72	235.36	1.5788	6.6543	5.3916

#1	-.00004	4.4791	.00029	-.00008	-.00005	.08493	.00169	.72740
#2	-.00006	4.5985	.00038	-.00040	.00011	.08423	.00151	.65506
#3	-.00005	4.6691	.00047	.00018	.00005	.08237	.00150	.67755

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00004	.98382	.00049	.00250	.42660	.00194	-.01223
Stddev	.00051	.00045	.00081	.00015	.00002	.01129	.00025	.00969
%RSD	395.00	1137.1	.08245	31.126	.70700	2.6457	12.855	79.224

#1	-.00012	.00045	.98420	.00047	.00249	.43953	.00208	-.00951
#2	-.00065	-.00045	.98289	.00034	.00252	.42156	.00165	-.00420
#3	.00038	.00012	.98437	.00065	.00250	.41871	.00208	-.02299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92292	.48984	-.00325	.00538	-.00726	.0036	.03499	3.6791
Stddev	.00557	.00196	.00050	.00498	.00171	.0010	.00035	.0251
%RSD	.60389	.40011	15.312	92.514	23.477	27.16	1.0039	.68237

#1	.91649	.49195	-.00379	.00433	-.00846	.0044	.03469	3.6874
#2	.92637	.48951	-.00313	.00101	-.00802	.0025	.03490	3.6989
#3	.92590	.48807	-.00282	.01080	-.00531	.0038	.03537	3.6508

Sample Name: K3382-03DUP Acquired: 6/21/2019 13:27:12 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93444
 Stddev .32739
 %RSD 35.036

#1 1.2429
 #2 .59096
 #3 .96940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.9	36376.	1679.0	39.151	2724.1
Stddev	7.5	9.	17.2	.204	10.6
%RSD	.31463	.02472	1.0243	.52001	.38996

#1	2393.5	36377.	1698.5	39.259	2735.8
#2	2378.7	36385.	1672.5	39.277	2715.1
#3	2388.5	36367.	1666.0	38.916	2721.3

Sample Name: K3382-03LX5 Acquired: 6/21/2019 13:31:42 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.00052	.00043	-.00141	.00057	.00041	.00151	.00006
Stddev	.00395	.00069	.00053	.00071	.00220	.01445	.00032	.00004
%RSD	242.52	133.36	123.49	50.551	384.47	3506.4	21.257	61.981

#1	.00215	.00088	.00061	-.00155	-.00160	.00764	.00116	.00010
#2	-.00572	.00095	.00084	-.00203	.00051	-.01623	.00159	.00007
#3	-.00131	-.00028	-.00017	-.00063	.00280	.00982	.00179	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.92803	.00015	-.00002	-.00066	.01705	.00022	.13492
Stddev	.00006	.05085	.00052	.00011	.00053	.00192	.00001	.03019
%RSD	1983.7	5.4792	351.00	613.49	80.051	11.269	3.0446	22.379

#1	.00007	.91055	.00016	-.00007	-.00009	.01836	.00022	.10484
#2	-.00004	.88823	-.00038	-.00009	-.00075	.01795	.00023	.16522
#3	-.00002	.98532	.00066	.00011	-.00114	.01485	.00023	.13471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00025	.12717	.00023	.00033	.02307	.00002	-.01787
Stddev	.00035	.00047	.00671	.00064	.00011	.05214	.00008	.00735
%RSD	6267.2	186.87	5.2739	274.41	33.224	226.01	461.97	41.129

#1	-.00040	.00080	.13255	.00094	.00045	-.01585	.00009	-.02632
#2	.00013	-.00002	.11966	-.00032	.00028	.08230	-.00006	-.01299
#3	.00025	-.00002	.12932	.00008	.00025	.00275	.00002	-.01430

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20009	.09966	-.00310	.00416	-.01038	-.0009	.00744	3.9226
Stddev	.00337	.00298	.00022	.00414	.00284	.0028	.00023	.0583
%RSD	1.6861	2.9933	7.1227	99.425	27.312	320.9	3.1246	1.4862

#1	.19673	.10308	-.00331	.00555	-.00776	-.0038	.00769	3.8870
#2	.20347	.09757	-.00313	-.00049	-.01340	.0018	.00737	3.8910
#3	.20008	.09834	-.00287	.00742	-.01000	-.0007	.00724	3.9899

Sample Name: K3382-03LX5 Acquired: 6/21/2019 13:31:42 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.50507
Stddev	.41628
%RSD	82.421

#1	.50530
#2	.92124
#3	.08867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.3	36373.	1685.3	41.026	2722.1
Stddev	12.6	53.	27.9	.609	18.1
%RSD	.52688	.14536	1.6550	1.4852	.66458

#1	2381.8	36402.	1657.8	41.045	2705.1
#2	2397.3	36405.	1713.6	41.625	2720.2
#3	2406.8	36312.	1684.5	40.407	2741.1

Sample Name: K3382-03MS Acquired: 6/21/2019 13:36:10 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78764	1.9923	.97923	2.0904	.81090	2.0265	.20908	.21478	.19084
Stddev	.00245	.0049	.00451	.0030	.00307	.0233	.00130	.00027	.00082
%RSD	.31142	.24561	.46089	.14550	.37894	1.1508	.62282	.12547	.43083
#1	.78484	1.9900	.98248	2.0888	.81438	2.0065	.20982	.21457	.18990
#2	.78941	1.9979	.98114	2.0939	.80975	2.0208	.20984	.21508	.19143
#3	.78868	1.9889	.97408	2.0885	.80857	2.0521	.20758	.21469	.19119
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6472	.42568	.19966	.31425	3.3290	.20871	2.7703	.49375	.07838
Stddev	.0080	.00270	.00061	.00063	.0060	.00037	.0237	.00071	.00019
%RSD	.14088	.63332	.30350	.19989	.17991	.17723	.85417	.14358	.24281
#1	5.6536	.42257	.19965	.31385	3.3241	.20873	2.7486	.49402	.07841
#2	5.6383	.42734	.20028	.31497	3.3357	.20833	2.7955	.49295	.07856
#3	5.6497	.42714	.19906	.31393	3.3272	.20907	2.7667	.49429	.07818
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0988	.32224	.19803	9.9489	.40819	.28858	.91329	1.4075	.67318
Stddev	.0156	.00141	.00050	.1142	.00129	.01903	.00554	.0094	.00271
%RSD	.38143	.43722	.25079	1.1475	.31677	6.5946	.60664	.66642	.40195
#1	4.1015	.32088	.19854	9.9300	.40819	.29776	.91853	1.3967	.67538
#2	4.1129	.32215	.19799	9.8454	.40689	.26670	.91384	1.4131	.67399
#3	4.0820	.32370	.19755	10.071	.40948	.30127	.90750	1.4128	.67016
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21468	.20313	5.807	.30161	4.9163	.06774			
Stddev	.00380	.00019	.015	.00102	.1164	.34747			
%RSD	1.7710	.09478	.2528	.33853	2.3674	512.92			
#1	.21054	.20335	5.820	.30128	5.0336	-.33025			
#2	.21549	.20301	5.810	.30080	4.9145	.31077			
#3	.21801	.20303	5.791	.30276	4.8008	.22270			

Sample Name: K3382-03MS Acquired: 6/21/2019 13:36:10 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.1	36395.	1657.7	38.745	2645.8
Stddev	7.1	58.	8.5	2.082	3.6
%RSD	.29791	.15927	.51141	5.3745	.13734
#1	2388.7	36369.	1657.1	40.920	2642.1
#2	2393.3	36461.	1666.5	38.543	2649.3
#3	2379.4	36354.	1649.6	36.770	2645.8

Sample Name: K3382-03MSD Acquired: 6/21/2019 13:40:16 Type: Unk
Method: P4-ICP2(v3224) 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	.80529	2.0458	1.0037	2.1479	.83236	2.0662	.21323	.21828
Stddev	.01363	.0288	.0146	.0326	.01152	.0357	.00403	.00459
%RSD	1.6921	1.4055	1.4591	1.5171	1.3843	1.7282	1.8877	2.1016
#1	.81426	2.0454	1.0046	2.1527	.83071	2.0941	.21623	.22314
#2	.78961	2.0173	.98856	2.1132	.82175	2.0260	.20866	.21403
#3	.81200	2.0748	1.0178	2.1779	.84462	2.0786	.21482	.21766
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19582	5.6369	.43478	.20462	.32119	3.3849	.21342	2.7749
Stddev	.00294	.0790	.01103	.00297	.00591	.0751	.00466	.0979
%RSD	1.4990	1.4006	2.5375	1.4493	1.8402	2.2192	2.1824	3.5283
#1	.19691	5.5804	.44601	.20519	.32360	3.4606	.21852	2.8870
#2	.19249	5.7271	.42395	.20142	.31446	3.3104	.20939	2.7060
#3	.19805	5.6033	.43437	.20726	.32552	3.3835	.21235	2.7317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50779	.07875	4.1617	.32682	.20188	10.263	.41974	.27320
Stddev	.00571	.00154	.0920	.00852	.00333	.193	.00659	.01798
%RSD	1.1252	1.9508	2.2108	2.6083	1.6486	1.8823	1.5694	6.5806
#1	.50731	.08051	4.2430	.33528	.20212	10.448	.42231	.29011
#2	.50234	.07764	4.0618	.31823	.19844	10.062	.41225	.27518
#3	.51374	.07812	4.1803	.32693	.20508	10.280	.42465	.25432
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90818	1.4269	.69219	.21584	.20819	5.953	.30865	4.9425
Stddev	.01334	.0155	.00624	.00182	.00295	.079	.00188	.4507
%RSD	1.4691	1.0848	.90102	.84394	1.4150	1.325	.60795	9.1179
#1	.90951	1.4258	.69309	.21743	.21126	5.966	.30810	5.4155
#2	.89422	1.4429	.68555	.21623	.20791	5.868	.31074	4.5181
#3	.92080	1.4120	.69792	.21385	.20539	6.024	.30712	4.8941

Sample Name: K3382-03MSD Acquired: 6/21/2019 13:40:16 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.69568
%RSD	2436.3

#1	.53531
#2	-.80597
#3	.18500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.9	36147.	1646.4	38.868	2617.4
Stddev	36.5	840.	8.4	1.572	35.6
%RSD	1.5438	2.3250	.51031	4.0442	1.3597

#1	2352.9	35279.	1639.3	37.498	2615.4
#2	2402.0	36957.	1644.2	38.523	2653.9
#3	2330.7	36203.	1655.7	40.584	2582.9

Sample Name: K3382-03A Acquired: 6/21/2019 13:44:22 Type: Unk
Method: P4-ICP2(v3224) 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	.78599	1.9900	.97289	2.0869	.80870	1.9956	.20748	.21259
Stddev	.00760	.0211	.01119	.0152	.01016	.0369	.00138	.00157
%RSD	.96678	1.0599	1.1504	.72654	1.2559	1.8491	.66416	.73634
#1	.78308	1.9763	.96491	2.0801	.80294	1.9531	.20592	.21287
#2	.78028	1.9795	.96806	2.0764	.80273	2.0141	.20802	.21090
#3	.79461	2.0143	.98568	2.1043	.82043	2.0195	.20851	.21399
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18934	5.6307	.42344	.19969	.31342	3.3080	.20724	2.6827
Stddev	.00191	.1052	.00341	.00211	.00452	.0301	.00149	.0401
%RSD	1.0113	1.8679	.80627	1.0586	1.4413	.91014	.71783	1.4939
#1	.18833	5.6431	.42250	.19910	.31126	3.3109	.20675	2.6683
#2	.18814	5.7292	.42060	.19793	.31038	3.2765	.20607	2.6518
#3	.19154	5.5199	.42723	.20204	.31861	3.3365	.20892	2.7279
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49424	.07764	4.0605	.31983	.19656	9.9649	.40835	.27943
Stddev	.00693	.00068	.0426	.00300	.00220	.0570	.00484	.01823
%RSD	1.4018	.86944	1.0498	.93778	1.1209	.57163	1.1858	6.5224
#1	.49128	.07833	4.0145	.32125	.19561	9.9050	.40505	.27673
#2	.48929	.07698	4.0684	.31639	.19499	9.9714	.40608	.26271
#3	.50216	.07760	4.0986	.32186	.19908	10.018	.41391	.29886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88971	1.4245	.67188	.21421	.20880	5.794	.30511	5.0624
Stddev	.01561	.0400	.00844	.00146	.00912	.078	.00870	.1554
%RSD	1.7548	2.8088	1.2568	.68273	4.3666	1.343	2.8510	3.0700
#1	.89001	1.4053	.66807	.21352	.20278	5.748	.29961	5.1916
#2	.87395	1.4705	.66600	.21589	.21929	5.749	.31513	4.8899
#3	.90517	1.3978	.68155	.21321	.20433	5.883	.30057	5.1057

Sample Name: K3382-03A Acquired: 6/21/2019 13:44:22 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .33225
 %RSD 498.98

#1 .28828
 #2 -.37028
 #3 -.11775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.3	36500.	1632.0	39.101	2652.3
Stddev	25.3	256.	35.8	1.342	26.9
%RSD	1.0583	.70047	2.1951	3.4319	1.0138

#1	2398.9	36598.	1650.6	39.500	2663.4
#2	2406.5	36692.	1590.7	37.605	2671.8
#3	2359.4	36210.	1654.7	40.198	2621.6

Sample Name: PB120816BL Acquired: 6/21/2019 13:48:29 Type: Unk
Method: P4-ICP2(v3224) 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	-.00207	.00006	-.00030	-.00098	.00234	.00346	.00058
Stddev	.00127	.00120	.00066	.00473	.00041	.01761	.00173
%RSD	61.253	2056.7	220.70	481.68	17.619	508.81	296.61

#1	-.00061	.00129	-.00018	.00365	.00250	-.01228	-.00141
#2	-.00279	-.00110	.00030	-.00581	.00266	.00019	.00152
#3	-.00281	-.00002	-.00102	-.00078	.00188	.02247	.00165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00009	.00986	.00095	-.00018	-.00094	.01420
Stddev	.00007	.00005	.00759	.00048	.00031	.00013	.00063
%RSD	105.65	57.948	76.971	50.535	178.61	14.395	4.4327

#1	-.00000	-.00015	.00374	.00122	-.00019	-.00087	.01492
#2	-.00006	-.00006	.01836	.00125	.00015	-.00109	.01378
#3	-.00013	-.00006	.00750	.00040	-.00048	-.00085	.01388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.09390	.00011	-.00009	-.09459	-.00024	.00403
Stddev	.00009	.08951	.00049	.00033	.01628	.00035	.00007
%RSD	708.14	95.328	444.83	351.40	17.210	145.73	1.8011

#1	-.00002	-.04478	-.00044	.00019	-.11320	-.00051	.00405
#2	.00008	-.19722	.00050	-.00002	-.08757	.00016	.00395
#3	-.00010	-.03970	.00027	-.00046	-.08299	-.00037	.00410

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06475	.00012	-.02220	.00175	-.00162	-.00312	.00026
Stddev	.03622	.00034	.01120	.00113	.00112	.00041	.00332
%RSD	55.945	278.37	50.425	64.695	69.093	13.193	1276.2

#1	-.09540	.00035	-.01656	.00047	-.00220	-.00275	-.00262
#2	-.02478	.00028	-.01495	.00261	-.00233	-.00305	-.00049
#3	-.07407	-.00027	-.03510	.00218	-.00033	-.00357	.00389

Sample Name: PB120816BL Acquired: 6/21/2019 13:48:29 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01029	.0011	.00022	F 4.3639	F<.00000
Stddev	.00100	.0018	.00019	.0793	.58516
%RSD	9.6922	160.0	84.683	1.8172	394.80
#1	-.00986	.0011	.00039	4.4417	-.81696
#2	-.01144	-.0007	.00002	4.3667	.10243
#3	-.00959	.0029	.00024	4.2832	.26986
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.2	36487.	1655.7	39.886	2669.4
Stddev	5.7	117.	17.2	.099	2.6
%RSD	.24303	.32191	1.0360	.24748	.09722
#1	2363.3	36352.	1636.0	39.777	2672.4
#2	2352.0	36566.	1664.2	39.970	2667.6
#3	2356.2	36544.	1666.9	39.909	2668.3

Sample Name: PB120816BS Acquired: 6/21/2019 13:52:57 Type: Unk
Method: P4-ICP2(v3224) 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	.67611	1.7256	.85584	1.7407	.76652	1.7397	.18575
Stddev	.00198	.0042	.00115	.0075	.00063	.0359	.00199
%RSD	.29310	.24558	.13392	.42930	.08194	2.0657	1.0687

#1	.67737	1.7219	.85465	1.7322	.76719	1.7231	.18411
#2	.67383	1.7248	.85694	1.7438	.76641	1.7150	.18520
#3	.67713	1.7302	.85592	1.7462	.76595	1.7809	.18796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17828	.16414	.97501	.38291	.17711	.27379	2.8722
Stddev	.00038	.00036	.02367	.00165	.00052	.00071	.0077
%RSD	.21310	.22147	2.4273	.43190	.29626	.26028	.26717

#1	.17845	.16395	.95247	.38132	.17673	.27373	2.8748
#2	.17785	.16391	.99966	.38280	.17689	.27310	2.8635
#3	.17855	.16456	.97288	.38462	.17771	.27453	2.8782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18447	1.7650	.43553	.06650	2.7013	.28607	.17190
Stddev	.00060	.0810	.00143	.00072	.0319	.00144	.00019
%RSD	.32650	4.5897	.32842	1.0806	1.1803	.50347	.11137

#1	.18480	1.7600	.43556	.06723	2.6769	.28505	.17180
#2	.18377	1.6866	.43409	.06579	2.6895	.28546	.17212
#3	.18483	1.8484	.43695	.06647	2.7373	.28772	.17178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5833	.40161	F .23893	F -.00693	.90642	.64309	.20604
Stddev	.0810	.00100	.00652	.00077	.00389	.00194	.00331
%RSD	.94339	.25014	2.7301	11.041	.42910	.30126	1.6048

#1	8.5677	.40054	.23240	-.00721	.90551	.64146	.20310
#2	8.5113	.40253	.23896	-.00607	.91068	.64523	.20540
#3	8.6710	.40176	.24544	-.00752	.90306	.64258	.20962

Sample Name: PB120816BS Acquired: 6/21/2019 13:52:57 Type: Unk
 Method: P4-ICP2(v3224) 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	.17914	4.898	F .24094	F 4.6668	F<.00000
Stddev	.00117	.003	.00040	.1328	.48358
%RSD	.65490	.0663	.16452	2.8450	58.260
#1	.18009	4.901	.24069	4.6773	-.27423
#2	.17783	4.895	.24072	4.5291	-1.0615
#3	.17951	4.897	.24139	4.7940	-1.1544
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.6	36351.	1651.7	39.706	2636.4
Stddev	3.1	79.	3.1	.208	2.1
%RSD	.13187	.21852	.18607	.52418	.07991
#1	2359.1	36357.	1648.8	39.818	2638.7
#2	2354.6	36427.	1651.4	39.834	2635.9
#3	2353.1	36268.	1655.0	39.466	2634.6

Sample Name: PB120916TB Acquired: 6/21/2019 13:57:05 Type: Unk
Method: P4-ICP2(v3224) 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	-.00218	.00091	.00299	.00053	-.00224	.00515	.00210	-.00012
Stddev	.00281	.00089	.00084	.00507	.00175	.00557	.00100	.00002
%RSD	128.99	98.853	28.023	964.62	78.228	108.13	47.950	15.845
#1	-.00540	.00006	.00341	.00497	-.00085	-.00057	.00117	-.00010
#2	-.00095	.00081	.00202	-.00500	-.00421	.00546	.00196	-.00012
#3	-.00020	.00185	.00353	.00161	-.00166	.01055	.00316	-.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00745	.00086	-.00051	-.00033	.00658	.00015	-.00897
Stddev	.00009	.02390	.00020	.00010	.00013	.00029	.00007	.04979
%RSD	78.297	320.56	23.526	19.724	40.991	4.3861	44.340	555.21
#1	.00021	.02976	.00071	-.00063	-.00040	.00671	.00022	-.03841
#2	.00013	.01037	.00109	-.00046	-.00040	.00678	.00013	.04852
#3	.00002	-.01777	.00078	-.00045	-.00017	.00625	.00009	-.03702
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00144	F 287.11	-.00004	.00822	-.12720	-.00042	-.02445
Stddev	.00013	.00026	1.71	.00012	.00007	.02389	.00017	.03228
%RSD	53.750	18.106	.59572	318.13	.82545	18.779	39.693	131.99
#1	-.00015	.00161	285.96	.00008	.00814	-.15331	-.00044	-.01626
#2	-.00018	.00114	286.30	-.00005	.00825	-.10644	-.00058	.00294
#3	-.00038	.00157	289.08	-.00015	.00826	-.12184	-.00025	-.06004
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00471	-.00146	.00176	-.00459	-.0016	.00034	5.5942
Stddev	.00511	.00141	.00075	.00429	.00135	.0029	.00019	.0398
%RSD	340.62	30.026	51.362	244.54	29.419	179.5	55.036	.71074
#1	-.00394	.00319	-.00180	-.00253	-.00610	-.0020	.00028	5.5672
#2	.00225	.00599	-.00060	.00174	-.00417	-.0044	.00056	5.6399
#3	.00619	.00495	-.00199	.00606	-.00350	.0014	.00020	5.5756

Sample Name: PB120916TB Acquired: 6/21/2019 13:57:05 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .81524
Stddev .13149
%RSD 16.129

#1 .92891
#2 .67124
#3 .84555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.2	33760.	1646.5	38.139	2330.6
Stddev	2.8	9.	14.2	1.304	1.4
%RSD	.12388	.02584	.86219	3.4183	.06142

#1	2233.6	33751.	1630.1	37.098	2331.2
#2	2237.2	33768.	1654.9	39.602	2328.9
#3	2231.8	33762.	1654.6	37.718	2331.6

Sample Name: PB120814BL Acquired: 6/21/2019 14:01:33 Type: Unk
Method: P4-ICP2(v3224) 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	.00148	.00036	.00063	-.00279	-.00298	.00553	.00121	.00013
Stddev	.00154	.00032	.00040	.00033	.00179	.01061	.00121	.00004
%RSD	103.66	88.334	63.527	11.756	59.999	191.79	100.07	29.742
#1	.00255	.00037	.00096	-.00241	-.00500	.01326	-.00018	.00011
#2	-.00028	.00069	.00075	-.00301	-.00232	.00992	.00205	.00018
#3	.00218	.00004	.00018	-.00295	-.00161	-.00657	.00177	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.03611	.00008	-.00020	-.00090	.00000	-.00008	-.08646
Stddev	.00005	.00565	.00024	.00014	.00028	.00029	.00006	.07436
%RSD	102.19	15.651	312.91	73.498	31.104	7263.6	72.330	86.005
#1	-.00001	-.03361	.00008	-.00018	-.00076	-.00033	-.00014	-.00243
#2	-.00003	-.03213	-.00017	-.00035	-.00072	.00016	-.00008	-.14377
#3	-.00010	-.04258	.00032	-.00006	-.00122	.00018	-.00002	-.11318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00013	.05565	-.00037	-.00017	.02483	-.00064	-.02553
Stddev	.00015	.00049	.00920	.00051	.00010	.03857	.00032	.02168
%RSD	50.505	391.80	16.528	138.27	58.253	155.31	49.730	84.918
#1	-.00013	.00031	.05869	-.00093	-.00006	-.01822	-.00093	-.05057
#2	-.00038	-.00043	.04532	.00008	-.00025	.05623	-.00030	-.01328
#3	-.00040	.00050	.06295	-.00027	-.00020	.03649	-.00070	-.01275
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	-.00484	-.00281	.00550	-.00442	-.0003	.00021	F 4.1752
Stddev	.00270	.00108	.00021	.00200	.00218	.0025	.00025	.0979
%RSD	107.82	22.271	7.5737	36.348	49.209	806.3	124.15	2.3454
#1	-.00189	-.00604	-.00273	.00324	-.00315	.0026	.00049	4.0774
#2	-.00016	-.00397	-.00264	.00703	-.00318	-.0022	.00001	4.2733
#3	-.00546	-.00450	-.00305	.00623	-.00693	-.0013	.00011	4.1751

Sample Name: PB120814BL Acquired: 6/21/2019 14:01:33 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .56538
Stddev	.40138
%RSD	70.994

#1	.10372
#2	.76062
#3	.83179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.7	36742.	1669.3	37.856	2719.2
Stddev	.4	85.	12.2	1.821	4.8
%RSD	.01527	.23091	.73296	4.8089	.17525

#1	2396.2	36811.	1655.6	39.111	2717.6
#2	2395.5	36766.	1673.0	38.689	2715.4
#3	2395.5	36647.	1679.2	35.768	2724.5

Sample Name: CCV02 Acquired: 6/21/2019 14:06:01 Type: Unk
Method: P4-ICP2(v3224) 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	4.9573	4.9787	4.9481	5.0563	5.0080	9.6398	9.9634	.25671
Stddev	.0144	.0042	.0028	.0115	.0111	.0654	.1151	.00150
%RSD	.29054	.08347	.05633	.22778	.22068	.67847	1.1554	.58483

#1	4.9541	4.9810	4.9502	5.0693	5.0136	9.6309	9.8979	.25599
#2	4.9447	4.9739	4.9492	5.0473	4.9952	9.5793	9.8960	.25571
#3	4.9730	4.9812	4.9449	5.0524	5.0150	9.7092	10.096	.25844

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4414	25.188	1.0122	2.4869	1.2390	5.0184	2.3984	24.880
Stddev	.0024	.094	.0072	.0048	.0032	.0405	.0220	.167
%RSD	.09760	.37465	.71077	.19389	.26081	.80603	.91574	.67185

#1	2.4441	25.129	1.0072	2.4828	1.2416	5.0067	2.3878	24.778
#2	2.4397	25.138	1.0090	2.4922	1.2354	4.9852	2.3838	24.789
#3	2.4404	25.297	1.0205	2.4857	1.2401	5.0635	2.4237	25.072

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4612	1.2465	25.072	2.5441	2.4756	23.369	4.9503	4.7413
Stddev	.0036	.0078	.306	.0167	.0021	.197	.0105	.0575
%RSD	.14809	.62777	1.2211	.65763	.08387	.84410	.21293	1.2120

#1	2.4635	1.2480	24.876	2.5364	2.4780	23.201	4.9543	4.7072
#2	2.4570	1.2380	24.915	2.5326	2.4740	23.319	4.9384	4.7091
#3	2.4632	1.2535	25.425	2.5633	2.4749	23.586	4.9583	4.8077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9490	4.8586	4.8946	4.9646	4.7823	5.135	5.0830	F 5.5557
Stddev	.0214	.0267	.0038	.0234	.0156	.020	.0271	.2105
%RSD	.43176	.54991	.07696	.47133	.32531	.3894	.53402	3.7884

#1	4.9245	4.8419	4.8910	4.9377	4.7666	5.158	5.0627	5.7985
#2	4.9585	4.8445	4.8985	4.9798	4.7825	5.125	5.0723	5.4423
#3	4.9640	4.8894	4.8943	4.9765	4.7977	5.123	5.1138	5.4262

Sample Name: CCV02 Acquired: 6/21/2019 14:06:01 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4943
Stddev .0408
%RSD 1.1692

#1 3.5201
#2 3.4472
#3 3.5156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.8	35046.	1663.6	37.850	2329.1
Stddev	3.0	205.	.5	1.260	1.1
%RSD	.13184	.58476	.03184	3.3293	.04708

#1	2297.1	35112.	1663.9	37.398	2330.2
#2	2299.7	35211.	1663.9	36.878	2328.0
#3	2293.7	34817.	1663.0	39.274	2329.0

Sample Name: CCB02 Acquired: 6/21/2019 14:10:00 Type: Unk
Method: P4-ICP2(v3224) 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	-.00027	.00156	-.00021	-.00077	.00213	-.00906	.00166	.00006
Stddev	.00067	.00099	.00077	.00397	.00187	.01561	.00035	.00009
%RSD	249.64	63.694	367.65	515.81	88.115	172.28	21.376	148.36
#1	-.00058	.00229	.00037	.00146	.00268	-.02437	.00130	.00011
#2	-.00073	.00043	.00008	.00159	.00366	-.00965	.00200	.00010
#3	.00050	.00195	-.00108	-.00536	.00004	.00683	.00166	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00239	.00032	-.00012	-.00074	.00009	-.00011	-.07245
Stddev	.00004	.00456	.00044	.00007	.00012	.00025	.00011	.02457
%RSD	98.045	190.89	137.58	53.014	16.003	267.36	98.458	33.908
#1	.00009	.00270	.00060	-.00017	-.00086	-.00016	-.00010	-.10027
#2	.00005	-.00232	-.00019	-.00016	-.00062	.00010	-.00022	-.05373
#3	-.00000	.00679	.00053	-.00005	-.00072	.00033	-.00001	-.06337
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00037	-.04171	-.00028	.00001	-.05336	.00017	-.00901
Stddev	.00068	.00003	.00445	.00026	.00014	.05177	.00030	.00394
%RSD	148.56	8.9575	10.662	94.749	979.69	97.019	173.77	43.693
#1	-.00081	.00040	-.04589	-.00035	.00017	-.02303	.00050	-.01114
#2	.00033	.00039	-.03703	-.00049	-.00011	-.02391	.00009	-.00447
#3	-.00089	.00034	-.04221	.00001	-.00001	-.11313	-.00007	-.01142
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	.00044	-.00178	.00380	-.00587	-.0022	.00026	F 4.1939
Stddev	.00305	.00302	.00052	.00323	.00154	.0013	.00032	.1443
%RSD	153.80	679.67	29.412	84.952	26.185	55.73	121.57	3.4399
#1	-.00549	.00391	-.00160	.00716	-.00501	-.0008	.00059	4.0297
#2	-.00055	-.00098	-.00137	.00073	-.00764	-.0031	-.00004	4.2519
#3	.00009	-.00160	-.00237	.00351	-.00495	-.0028	.00023	4.3002

Sample Name: CCB02 Acquired: 6/21/2019 14:10:00 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .28334
Stddev	.37163
%RSD	131.16

#1	-.11633
#2	.34785
#3	.61849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.1	36640.	1666.2	39.480	2718.3
Stddev	6.7	400.	12.0	.780	6.7
%RSD	.28023	1.0918	.72096	1.9746	.24574

#1	2386.5	37101.	1656.2	40.075	2714.0
#2	2380.7	36437.	1663.0	38.598	2714.8
#3	2394.1	36382.	1679.6	39.768	2726.0

Sample Name: LR CHECK 1 Acquired: 6/21/2019 14:15:29 Type: Unk
Method: P4-ICP2(v3224) 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	.00271	.03908	.17941	-.27530	.09740	1873.8	.01578	.05233
Stddev	.00648	.00437	.00419	.01755	.00246	10.3	.00037	.00042
%RSD	238.89	11.182	2.3358	6.3760	2.5276	.54706	2.3665	.80061
#1	-.00218	.03651	.18262	-.29530	.09497	1880.0	.01597	.05281
#2	.01006	.03660	.18095	-.26243	.09733	1879.5	.01602	.05210
#3	.00026	.04412	.17467	-.26818	.09989	1862.0	.01535	.05207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16468	1785.8	-.09756	.09180	.45642	955.46	-.06243	1638.2
Stddev	.00127	8.2	.00250	.00086	.00291	6.38	.00046	1.8
%RSD	.77416	.45936	2.5596	.93731	.63652	.66801	.73178	.11246
#1	.16615	1785.2	-.09572	.09195	.45317	950.48	-.06197	1636.1
#2	.16382	1794.3	-.10040	.09259	.45735	962.66	-.06289	1639.5
#3	.16408	1777.9	-.09655	.09088	.45875	953.25	-.06243	1639.1
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01561	-.15620	1656.3	.01532	.10524	963.46	-.01681	-2.0664
Stddev	.00273	.00067	7.6	.00068	.00272	1.81	.00141	.0462
%RSD	17.469	.42932	.45640	4.4251	2.5865	.18762	8.3899	2.2374
#1	.01458	-.15651	1659.3	.01454	.10818	965.49	-.01527	-2.0638
#2	.01354	-.15543	1647.7	.01568	.10281	962.87	-.01714	-2.0215
#3	.01870	-.15666	1661.9	.01574	.10473	962.02	-.01804	-2.1138
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24653	.00976	.08887	-.06739	.10344	.0876	-1.0315	<.00000
Stddev	.00228	.00319	.00419	.00462	.00139	.0031	.0068	.29024
%RSD	.92346	32.663	4.7154	6.8526	1.3450	3.493	.66347	23.031
#1	.24409	.00653	.08498	-.06684	.10402	.0911	-1.0262	-1.4795
#2	.24690	.00984	.09331	-.07226	.10185	.0862	-1.0392	-.93108
#3	.24860	.01291	.08833	-.06307	.10445	.0855	-1.0291	-1.3701

Sample Name: LR CHECK 1 Acquired: 6/21/2019 14:15:29 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.0	25039.	1422.9	29.975	1164.3
Stddev	8.2	16.	8.8	.653	3.1
%RSD	.48036	.06436	.62159	2.1792	.26429

#1	1724.8	25039.	1421.5	30.724	1166.8
#2	1708.5	25024.	1414.9	29.523	1160.8
#3	1714.6	25056.	1432.4	29.678	1165.1

Sample Name: LR CHECK 2 Acquired: 6/21/2019 14:20:24 Type: Unk
Method: P4-ICP2(v3224) 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	-.00147	.00176	254.85	.03175	-.03622	-.16592	F 2.2059	-.00391
Stddev	.00170	.00139	.70	.00335	.00199	.01999	.0048	.00007
%RSD	115.68	79.040	.27592	10.568	5.4846	12.045	.21848	1.7731
#1	-.00311	.00321	254.13	.03052	-.03734	-.15272	2.2003	-.00384
#2	.00028	.00043	254.86	.02918	-.03740	-.15613	2.2082	-.00392
#3	-.00156	.00164	255.54	.03554	-.03393	-.18892	2.2091	-.00397
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00785	.34473	-.13451	.00878	229.60	-.73295	47.569	-.14115
Stddev	.00003	.03138	.00070	.00075	1.07	.00976	.178	.05219
%RSD	.43705	9.1040	.51802	8.5165	.46814	1.3318	.37510	36.974
#1	-.00788	.35956	-.13394	.00794	230.79	-.72282	47.525	-.13006
#2	-.00785	.36596	-.13431	.00937	229.33	-.73374	47.416	-.09540
#3	-.00781	.30868	-.13529	.00902	228.69	-.74230	47.765	-.19800
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.371	.00824	10.400	-.12770	32.498	1.7715	-.00843	-.02367
Stddev	.168	.00048	.037	.00018	.082	.0466	.00023	.02927
%RSD	.30858	5.8531	.35143	.13921	.25370	2.6287	2.7366	123.66
#1	54.260	.00776	10.424	-.12785	32.593	1.7957	-.00826	-.04181
#2	54.564	.00873	10.418	-.12750	32.455	1.8010	-.00835	-.03929
#3	54.288	.00824	10.358	-.12774	32.446	1.7178	-.00870	.01010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04368	-.01052	-.00005	.00403	-.00104	-1.716	.00127	6.6334
Stddev	.00765	.00113	.00026	.00322	.00159	.005	.00011	.1911
%RSD	17.506	10.726	521.24	79.886	153.62	.2772	8.9334	2.8802
#1	.04107	-.01056	-.00017	.00764	-.00181	-1.713	.00115	6.4856
#2	.05229	-.01162	.00025	.00297	.00079	-1.714	.00138	6.8491
#3	.03768	-.00937	-.00023	.00147	-.00209	-1.722	.00129	6.5654

Sample Name: LR CHECK 2 Acquired: 6/21/2019 14:20:24 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3122
Stddev	.1878
%RSD	14.309

#1	1.4897
#2	1.1157
#3	1.3312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.3	36323.	1665.4	37.380	2421.3
Stddev	6.9	87.	25.2	1.659	2.9
%RSD	.31349	.24088	1.5103	4.4380	.11845

#1	2198.0	36387.	1651.9	36.934	2421.7
#2	2203.2	36223.	1649.8	35.991	2418.2
#3	2211.7	36359.	1694.4	39.217	2423.9

Sample Name: K3158-05 Acquired: 6/21/2019 14:26:10 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01702	-.00306	.23262	.01235	.00267	76.131	.32852	.00762
Stddev	.00187	.00185	.00420	.00366	.00157	.067	.00149	.00022
%RSD	11.010	60.517	1.8054	29.608	58.659	.08847	.45297	2.8731

#1	.01511	-.00381	.23660	.01172	.00369	76.068	.32704	.00770
#2	.01885	-.00442	.22823	.00906	.00087	76.123	.32850	.00738
#3	.01712	-.00095	.23303	.01629	.00346	76.202	.33002	.00780

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	72.371	.16661	.10465	.30034	177.55	2.2885	58.452
Stddev	.00034	.433	.00153	.00050	.00070	.98	.0033	.171
%RSD	13.554	.59777	.91739	.47556	.23423	.55218	.14282	.29189

#1	.00235	71.893	.16493	.10510	.29968	178.66	2.2922	58.408
#2	.00291	72.482	.16793	.10412	.30027	177.17	2.2874	58.307
#3	.00229	72.736	.16696	.10473	.30108	176.81	2.2859	58.640

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15108	-.00411	7.5672	.38263	.88104	14.069	.00704	-.06184
Stddev	.00092	.00073	.0402	.00099	.00118	.043	.00022	.01990
%RSD	.60808	17.756	.53173	.25878	.13421	.30278	3.1090	32.181

#1	.15019	-.00399	7.5239	.38302	.88180	14.117	.00712	-.04776
#2	.15103	-.00345	7.5744	.38150	.88164	14.036	.00680	-.08461
#3	.15203	-.00489	7.6034	.38336	.87968	14.055	.00721	-.05316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5586	1.4461	.01958	4.5475	.09756	5.388	-.06404	.54314
Stddev	.0360	.0335	.00106	.0132	.00091	.013	.00106	.32310
%RSD	.79003	2.3187	5.4180	.29022	.93035	.2455	1.6602	59.487

#1	4.5824	1.4154	.01838	4.5325	.09833	5.403	-.06508	.41988
#2	4.5172	1.4819	.01996	4.5528	.09780	5.379	-.06408	.90972
#3	4.5764	1.4411	.02040	4.5572	.09656	5.382	-.06295	.29981

Sample Name: K3158-05 Acquired: 6/21/2019 14:26:10 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 53.035
 Stddev .339
 %RSD .63860

#1 52.650
 #2 53.286
 #3 53.169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.1	40987.	1970.8	37.744	2310.7
Stddev	2.3	97.	9.2	.974	1.9
%RSD	.08359	.23729	.46829	2.5818	.08006

#1	2734.9	40984.	1979.8	36.624	2309.7
#2	2736.8	40892.	1961.4	38.210	2309.6
#3	2739.5	41086.	1971.4	38.399	2312.8

Sample Name: K3158-05DUP Acquired: 6/21/2019 14:30:25 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01725	-.00335	.23173	.01098	-.00039	76.286	.32958	.00743
Stddev	.00067	.00290	.00344	.00124	.00164	.100	.00104	.00020
%RSD	3.8648	86.627	1.4861	11.301	422.16	.13120	.31494	2.6863

#1	.01773	-.00668	.23536	.01235	-.00175	76.223	.32911	.00732
#2	.01649	-.00131	.23133	.01065	-.00084	76.233	.33077	.00731
#3	.01754	-.00207	.22851	.00994	.00143	76.401	.32886	.00766

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	70.985	.16532	.10549	.29892	178.00	2.3004	58.310
Stddev	.00016	.251	.00099	.00061	.00059	.97	.0037	.115
%RSD	6.1068	.35376	.59890	.58120	.19903	.54298	.16321	.19666

#1	.00275	71.241	.16642	.10497	.29851	177.48	2.2963	58.183
#2	.00251	70.976	.16452	.10534	.29960	177.41	2.3036	58.406
#3	.00245	70.739	.16501	.10617	.29864	179.12	2.3015	58.342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15144	-.00408	7.4109	.38167	.88906	14.106	.00727	-.05427
Stddev	.00081	.00035	.0280	.00215	.00176	.019	.00010	.00983
%RSD	.53792	8.6549	.37759	.56363	.19794	.13263	1.3763	18.121

#1	.15057	-.00404	7.3851	.38402	.88704	14.090	.00722	-.05090
#2	.15157	-.00445	7.4070	.37979	.88998	14.127	.00738	-.06534
#3	.15218	-.00374	7.4406	.38120	.89018	14.101	.00720	-.04656

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5780	1.4340	.01796	4.5392	.09567	5.439	-.06628	.52522
Stddev	.0191	.0392	.00097	.0180	.00197	.007	.00124	.18233
%RSD	.41735	2.7306	5.4265	.39645	2.0615	.1207	1.8700	34.714

#1	4.5560	1.4783	.01687	4.5290	.09396	5.431	-.06580	.66009
#2	4.5908	1.4198	.01825	4.5600	.09522	5.442	-.06535	.59779
#3	4.5872	1.4040	.01876	4.5287	.09783	5.444	-.06769	.31778

Sample Name: K3158-05DUP Acquired: 6/21/2019 14:30:25 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 52.370
 Stddev .257
 %RSD .49067

#1 52.666
 #2 52.242
 #3 52.203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.6	40850.	1972.8	36.705	2307.3
Stddev	1.5	60.	13.0	1.235	1.4
%RSD	.05339	.14609	.65774	3.3636	.06070

#1	2744.8	40812.	1958.0	36.375	2309.0
#2	2746.0	40819.	1978.4	38.071	2306.5
#3	2743.1	40919.	1982.0	35.668	2306.5

Sample Name: K3158-05LX5 Acquired: 6/21/2019 14:34:40 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	.00054	.05419	.00119	.00012	17.069	.07520	.00158
Stddev	.00200	.00091	.00292	.00186	.00138	.077	.00057	.00014
%RSD	33.891	167.47	5.3915	155.86	1146.6	.45061	.75546	9.1816
#1	.00361	.00148	.05728	.00005	-.00060	17.113	.07482	.00164
#2	.00730	-.00034	.05148	.00019	-.00075	17.115	.07586	.00168
#3	.00678	.00049	.05382	.00334	.00172	16.981	.07493	.00141
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	16.106	.03868	.02013	.06733	44.175	.53822	13.139
Stddev	.00006	.082	.00050	.00044	.00030	.301	.00261	.127
%RSD	8.1431	.50880	1.2901	2.1622	.45192	.68176	.48518	.96935
#1	-.00078	16.056	.03850	.01993	.06698	44.296	.54027	13.124
#2	-.00066	16.200	.03829	.02063	.06754	44.396	.53911	13.273
#3	-.00074	16.062	.03924	.01984	.06748	43.832	.53528	13.020
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02821	-.00057	1.7995	.08646	.16708	3.2415	.00148	-.03723
Stddev	.00058	.00031	.0194	.00055	.00029	.0647	.00042	.01017
%RSD	2.0400	54.865	1.0790	.63379	.17473	1.9954	28.418	27.309
#1	.02814	-.00032	1.7776	.08611	.16720	3.2554	.00182	-.03878
#2	.02767	-.00091	1.8145	.08709	.16730	3.2981	.00160	-.02637
#3	.02881	-.00046	1.8064	.08618	.16675	3.1710	.00101	-.04653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84625	.35040	.00169	1.0448	.02102	1.026	-.01866	3.7519
Stddev	.00468	.01973	.00046	.0038	.00036	.004	.00016	.0227
%RSD	.55361	5.6319	27.311	.36041	1.7272	.4269	.83679	.60476
#1	.84096	.34811	.00187	1.0405	.02073	1.025	-.01857	3.7441
#2	.84988	.37118	.00117	1.0474	.02143	1.031	-.01884	3.7341
#3	.84791	.33191	.00204	1.0465	.02090	1.022	-.01856	3.7775

Sample Name: K3158-05LX5 Acquired: 6/21/2019 14:34:40 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.183
Stddev	.609
%RSD	4.9958

#1	12.287
#2	12.732
#3	11.528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.2	36798.	1714.4	38.482	2517.0
Stddev	1.5	179.	10.0	2.696	3.8
%RSD	.06132	.48686	.58569	7.0047	.15120

#1	2453.8	36604.	1703.0	35.384	2517.3
#2	2450.8	36833.	1722.2	40.293	2513.1
#3	2452.0	36957.	1717.8	39.768	2520.7

Sample Name: K3158-05MS Acquired: 6/21/2019 14:39:09 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	.62767	1.9694	1.3371	1.6215	.16403	77.488	.48281	.18927	.19772
Stddev	.00672	.0069	.0040	.0052	.00158	.398	.00262	.00016	.00048
%RSD	1.0714	.35120	.29703	.31874	.96570	.51349	.54294	.08520	.24109

#1	.62515	1.9768	1.3338	1.6226	.16266	77.029	.48241	.18945	.19717
#2	.62258	1.9632	1.3415	1.6159	.16366	77.702	.48042	.18921	.19803
#3	.63530	1.9682	1.3358	1.6261	.16576	77.734	.48561	.18914	.19795

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.828	.50613	.29677	.56024	165.95	2.4682	59.920	.65096	.06018
Stddev	.447	.00012	.00071	.00119	.57	.0029	.339	.00057	.00049
%RSD	.64903	.02330	.23929	.21189	.34216	.11730	.56528	.08801	.80893

#1	68.667	.50610	.29596	.55892	166.28	2.4712	59.529	.65031	.05965
#2	69.333	.50604	.29705	.56123	165.30	2.4681	60.133	.65138	.06061
#3	68.484	.50627	.29729	.56057	166.28	2.4654	60.097	.65120	.06027

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	9.7617	.62022	1.0700	19.608	.31778	.18297	4.7766	2.0060	.67865
Stddev	.0510	.00165	.0019	.052	.00091	.01787	.0133	.0629	.00228
%RSD	.52220	.26607	.17541	.26714	.28537	9.7670	.27841	3.1341	.33588

#1	9.7072	.61949	1.0685	19.592	.31868	.17108	4.7639	1.9540	.67939
#2	9.7697	.62211	1.0695	19.565	.31687	.17432	4.7904	2.0759	.68047
#3	9.8082	.61906	1.0721	19.666	.31780	.20352	4.7756	1.9881	.67609

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.1730	.26213	F 13.10	.18287	1.2620	48.574			
Stddev	.0334	.00196	.01	.00220	.1024	.400			
%RSD	.79941	.74850	.1088	1.2020	8.1142	.82383			

#1	4.1346	.26079	13.09	.18036	1.3226	48.905			
#2	4.1942	.26121	13.11	.18448	1.3196	48.687			
#3	4.1904	.26438	13.10	.18376	1.1438	48.129			

Sample Name: K3158-05MS Acquired: 6/21/2019 14:39:09 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	2724.3	40416.	1923.7	37.745	2299.5
Stddev	5.3	13.	7.5	.688	2.7
%RSD	.19275	.03139	.38886	1.8221	.11851
#1	2722.2	40409.	1922.2	37.700	2300.2
#2	2730.3	40409.	1917.0	37.081	2301.8
#3	2720.4	40431.	1931.8	38.454	2296.5

Sample Name: K3158-05MSD Acquired: 6/21/2019 14:43:19 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	.62619	1.9748	1.3838	1.6301	.15900	81.015	.49094	.18976	.19904
Stddev	.00512	.0058	.0008	.0079	.00033	.334	.00112	.00056	.00069
%RSD	.81724	.29558	.05488	.48377	.20808	.41227	.22894	.29261	.34871

#1	.62908	1.9756	1.3845	1.6388	.15939	80.684	.49015	.18978	.19846
#2	.62028	1.9803	1.3830	1.6234	.15883	81.009	.49044	.19030	.19886
#3	.62921	1.9687	1.3839	1.6281	.15880	81.352	.49223	.18919	.19981

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.496	.51483	.29905	.57268	169.63	2.6233	58.337	.65624	.06055
Stddev	.641	.00156	.00094	.00121	.22	.0010	.303	.00039	.00017
%RSD	1.0421	.30370	.31404	.21212	.12968	.03761	.51906	.05994	.27261

#1	62.181	.51660	.29836	.57396	169.88	2.6234	58.097	.65582	.06071
#2	61.398	.51364	.30012	.57155	169.52	2.6223	58.236	.65660	.06056
#3	60.911	.51425	.29866	.57252	169.48	2.6243	58.677	.65629	.06038

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	10.100	.62905	1.0972	19.971	.31876	.17971	4.5666	2.0456	.68077
Stddev	.085	.00038	.0024	.034	.00119	.01055	.0189	.0798	.00253
%RSD	.84358	.06088	.21644	.16939	.37275	5.8720	.41302	3.8985	.37202

#1	10.018	.62923	1.0993	19.932	.31895	.19034	4.5528	2.1233	.67893
#2	10.094	.62861	1.0976	19.995	.31749	.16924	4.5880	1.9639	.68366
#3	10.188	.62930	1.0946	19.986	.31984	.17954	4.5589	2.0497	.67973

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.2625	.26885	F 12.65	.18287	.42969	48.953			
Stddev	.0512	.00489	.01	.00286	.08217	.390			
%RSD	1.2022	1.8175	.1004	1.5654	19.123	.79748			

#1	4.3129	.27051	12.64	.18541	.48910	48.516			
#2	4.2643	.27270	12.66	.18344	.33592	49.075			
#3	4.2104	.26335	12.67	.17977	.46406	49.267			

Sample Name: K3158-05MSD Acquired: 6/21/2019 14:43:19 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	2709.8	40023.	1908.3	36.954	2292.0
Stddev	4.6	47.	33.2	1.669	3.4
%RSD	.17115	.11813	1.7420	4.5166	.14859
#1	2704.8	40077.	1876.7	35.649	2289.7
#2	2713.9	39987.	1905.0	36.378	2290.4
#3	2710.9	40006.	1943.0	38.834	2295.9

Sample Name: K3158-05A Acquired: 6/21/2019 14:47:29 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	.62908	1.9661	1.3376	1.6245	.16361	78.335	.48414	.18903	.19754
Stddev	.00161	.0060	.0037	.0022	.00221	.135	.00233	.00032	.00089
%RSD	.25598	.30680	.27331	.13607	1.3534	.17252	.48114	.16890	.45022
#1	.62723	1.9730	1.3406	1.6266	.16574	78.457	.48203	.18898	.19853
#2	.62987	1.9624	1.3335	1.6222	.16378	78.358	.48664	.18938	.19726
#3	.63015	1.9628	1.3387	1.6247	.16132	78.190	.48374	.18874	.19681
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.228	.50649	.29627	.55961	165.58	2.5011	60.116	.64983	.06045
Stddev	.241	.00190	.00108	.00097	.91	.0158	.108	.00062	.00040
%RSD	.35341	.37481	.36597	.17246	.54896	.63146	.17891	.09539	.66354
#1	68.474	.50642	.29748	.56030	166.35	2.5091	60.152	.64956	.06061
#2	68.217	.50842	.29538	.55851	164.58	2.5112	60.200	.65054	.05999
#3	67.992	.50463	.29596	.56002	165.82	2.4829	59.995	.64940	.06074
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	9.7123	.61953	1.0680	19.678	.31708	.16592	4.7157	2.0107	.67780
Stddev	.0349	.00067	.0022	.071	.00017	.02058	.0133	.0294	.00286
%RSD	.35969	.10789	.20807	.35868	.05352	12.405	.28128	1.4639	.42232
#1	9.6925	.62026	1.0697	19.746	.31705	.14312	4.7089	2.0213	.68094
#2	9.6918	.61937	1.0687	19.605	.31726	.17153	4.7310	2.0333	.67713
#3	9.7526	.61895	1.0655	19.682	.31693	.18312	4.7073	1.9774	.67533
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.1690	.26537	F 13.01	.18412	.60525	48.097			
Stddev	.0088	.00290	.01	.00138	.24642	.780			
%RSD	.21101	1.0941	.0642	.75041	40.714	1.6216			
#1	4.1632	.26869	13.02	.18398	.64802	48.113			
#2	4.1791	.26413	13.00	.18556	.34024	47.309			
#3	4.1648	.26330	13.01	.18281	.82748	48.868			

Sample Name: K3158-05A Acquired: 6/21/2019 14:47:29 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	2713.1	40034.	1909.4	37.231	2291.4
Stddev	3.6	147.	11.7	1.068	3.4
%RSD	.13276	.36686	.61429	2.8686	.14707
#1	2709.1	39878.	1898.5	36.373	2287.5
#2	2714.2	40053.	1907.9	38.427	2293.9
#3	2716.1	40170.	1921.8	36.892	2292.6

Sample Name: PB120814BS Acquired: 6/21/2019 15:18:01 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120814BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71727	1.8946	.94143	1.9014	.77477	1.9546	.20046
Stddev	.00732	.0092	.00340	.0103	.00430	.0367	.00377
%RSD	1.0202	.48566	.36088	.54115	.55523	1.8803	1.8816

#1	.70948	1.8848	.94171	1.8904	.76986	1.9135	.19812
#2	.71832	1.8958	.93790	1.9030	.77789	1.9659	.19846
#3	.72400	1.9031	.94468	1.9108	.77655	1.9843	.20482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19996	.17891	1.0534	.42037	.19173	.29839	3.0950
Stddev	.00128	.00033	.0214	.00131	.00044	.00150	.0189
%RSD	.63878	.18361	2.0326	.31278	.22839	.50206	.60935

#1	.19887	.17883	1.0483	.41946	.19220	.29674	3.0907
#2	.19966	.17863	1.0349	.41976	.19165	.29966	3.0786
#3	.20137	.17927	1.0768	.42187	.19133	.29877	3.1156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20382	1.9165	.47343	.07148	3.1377	.31291	.18601
Stddev	.00097	.1027	.00148	.00055	.0671	.00074	.00026
%RSD	.47780	5.3583	.31324	.77479	2.1386	.23755	.14219

#1	.20458	1.9061	.47334	.07140	3.1020	.31331	.18605
#2	.20272	1.8194	.47199	.07096	3.0960	.31205	.18573
#3	.20415	2.0240	.47495	.07206	3.2151	.31336	.18626

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3998	.39121	.25336	F -.00283	.87358	.63130	.20597
Stddev	.0227	.00074	.00518	.00289	.01110	.00310	.00368
%RSD	.24192	.18926	2.0434	101.83	1.2702	.49183	1.7883

#1	9.4009	.39037	.25625	-.00562	.88612	.62906	.21014
#2	9.3765	.39150	.24738	-.00303	.86963	.63000	.20314
#3	9.4220	.39177	.25645	.00015	.86500	.63485	.20463

Sample Name: PB120814BS Acquired: 6/21/2019 15:18:01 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120814BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20092	5.465	F .26049	F 5.0830	F<.00000
Stddev	.00258	.019	.00141	.2824	.15297
%RSD	1.2823	.3456	.54160	5.5552	44.867
#1	.20332	5.446	.26183	4.7583	-.48516
#2	.19820	5.465	.26062	5.2711	-.35714
#3	.20125	5.484	.25902	5.2195	-.18051
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.5	34848.	1598.1	38.345	2589.9
Stddev	6.5	204.	17.6	1.131	7.3
%RSD	.27973	.58628	1.1020	2.9493	.28275
#1	2335.1	34888.	1580.0	37.048	2581.9
#2	2336.4	35028.	1599.0	39.120	2591.6
#3	2347.0	34626.	1615.2	38.868	2596.3

Sample Name: PB120824BL Acquired: 6/21/2019 15:22:09 Type: Unk
Method: P4-ICP2(v3224) 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	-.00210	.00147	F .00349	.00181	-.00160	-.00381	.00140	.00006
Stddev	.00228	.00039	.00116	.00068	.00227	.01268	.00145	.00016
%RSD	108.41	26.553	33.187	37.604	141.98	332.86	103.68	244.02

#1	-.00372	.00192	.00222	.00244	-.00128	-.01842	.00230	-.00005
#2	.00050	.00132	.00448	.00109	-.00402	.00431	.00219	-.00001
#3	-.00308	.00118	.00377	.00192	.00049	.00268	-.00028	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02804	.00012	-.00008	-.00051	.00068	-.00010	-.00365
Stddev	.00004	.01373	.00034	.00018	.00056	.00033	.00005	.04218
%RSD	227.38	48.978	288.08	234.05	110.05	48.261	45.578	1154.1

#1	-.00003	-.02954	.00013	.00006	-.00114	.00087	-.00015	-.03782
#2	.00003	-.01362	-.00023	-.00001	-.00035	.00030	-.00006	-.01663
#3	-.00006	-.04096	.00045	-.00028	-.00005	.00088	-.00010	.04348

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00056	.09128	.00019	.00049	.07924	-.00022	-.02755
Stddev	.00044	.00037	.00420	.00031	.00015	.05058	.00015	.00783
%RSD	46.254	66.383	4.6032	161.06	30.632	63.831	67.074	28.413

#1	-.00051	-.00090	.08984	.00028	.00052	.09074	-.00034	-.03431
#2	-.00140	-.00017	.09601	.00044	.00062	.12309	-.00027	-.02936
#3	-.00095	-.00059	.08799	-.00015	.00032	.02390	-.00006	-.01897

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00297	-.00288	.00448	-.00663	-.0019	.00016	F 4.3830
Stddev	.00287	.00299	.00013	.00605	.00253	.0002	.00023	.0772
%RSD	159.54	100.55	4.6743	134.94	38.136	10.25	148.11	1.7608

#1	.00136	-.00294	-.00277	.00992	-.00594	-.0019	.00042	4.3112
#2	-.00251	.00000	-.00303	.00556	-.00943	-.0017	-.00002	4.4646
#3	-.00424	-.00597	-.00284	-.00203	-.00452	-.0021	.00007	4.3731

Sample Name: PB120824BL Acquired: 6/21/2019 15:22:09 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .36720
Stddev .55254
%RSD 150.47

#1 .15644
#2 .99410
#3 -.04894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.2	35475.	1630.8	38.519	2682.9
Stddev	6.0	149.	24.9	2.123	7.3
%RSD	.25177	.41947	1.5251	5.5118	.27361

#1	2375.0	35363.	1602.6	37.166	2676.4
#2	2372.7	35644.	1639.9	37.425	2681.3
#3	2384.0	35419.	1649.8	40.966	2690.9

Sample Name: CCV03 Acquired: 6/21/2019 15:26:37 Type: Unk
Method: P4-ICP2(v3224) 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	4.9144	5.0203	4.9992	5.0956	5.0448	9.8651	10.056	.26100
Stddev	.0047	.0089	.0062	.0044	.0053	.0265	.027	.00096
%RSD	.09670	.17712	.12307	.08705	.10519	.26811	.27301	.36817
#1	4.9089	5.0140	4.9987	5.0992	5.0389	9.8450	10.083	.26211
#2	4.9173	5.0164	4.9934	5.0968	5.0491	9.8950	10.056	.26038
#3	4.9170	5.0305	5.0056	5.0906	5.0464	9.8552	10.028	.26051
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4526	25.519	1.0332	2.5014	1.2443	5.0366	2.4582	25.125
Stddev	.0045	.077	.0022	.0034	.0031	.0256	.0146	.266
%RSD	.18454	.30170	.21148	.13558	.24625	.50860	.59509	1.0596
#1	2.4484	25.465	1.0357	2.5023	1.2420	5.0662	2.4750	24.834
#2	2.4519	25.486	1.0323	2.4976	1.2431	5.0230	2.4484	25.356
#3	2.4574	25.607	1.0315	2.5042	1.2478	5.0208	2.4513	25.185
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4719	1.2480	25.287	2.5665	2.4887	23.585	4.9336	4.7846
Stddev	.0043	.0055	.055	.0099	.0034	.040	.0081	.0211
%RSD	.17421	.43751	.21744	.38725	.13794	.17044	.16506	.44210
#1	2.4708	1.2541	25.347	2.5776	2.4899	23.565	4.9245	4.7611
#2	2.4682	1.2437	25.274	2.5584	2.4848	23.631	4.9359	4.7908
#3	2.4766	1.2461	25.239	2.5636	2.4914	23.559	4.9403	4.8020
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9733	4.8795	4.8879	4.9810	4.7718	5.238	5.1146	5.4576
Stddev	.0163	.0342	.0106	.0267	.0305	.015	.0254	.1443
%RSD	.32865	.69999	.21693	.53538	.63996	.2846	.49634	2.6445
#1	4.9644	4.9055	4.8805	4.9503	4.7747	5.229	5.1301	5.3646
#2	4.9633	4.8408	4.8833	4.9940	4.7399	5.230	5.0853	5.6238
#3	4.9922	4.8922	4.9001	4.9987	4.8008	5.255	5.1283	5.3843

Sample Name: CCV03 Acquired: 6/21/2019 15:26:37 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.6651
 Stddev .0420
 %RSD 1.5766

#1 2.7134
 #2 2.6368
 #3 2.6452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.4	34250.	1635.5	37.000	2308.3
Stddev	3.7	146.	11.4	1.739	5.7
%RSD	.15946	.42638	.69921	4.6987	.24850

#1	2288.1	34084.	1627.5	35.314	2305.9
#2	2293.5	34360.	1648.6	38.787	2314.8
#3	2286.6	34305.	1630.3	36.900	2304.2

Sample Name: CCB03 Acquired: 6/21/2019 15:30:35 Type: Unk
Method: P4-ICP2(v3224) 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	.00033	.00148	F .00459	-.00103	-.00117	-.01070	.00158	.00001
Stddev	.00399	.00278	.00109	.00344	.00204	.01404	.00039	.00003
%RSD	1210.0	188.58	23.697	333.54	174.20	131.31	24.569	374.43

#1	.00476	.00368	.00557	.00258	.00104	.00440	.00198	-.00003
#2	-.00081	.00239	.00477	-.00427	-.00157	-.02338	.00155	.00001
#3	-.00297	-.00165	.00342	-.00141	-.00298	-.01310	.00120	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.02692	-.00019	.00008	-.00070	.00089	-.00006	-.03063
Stddev	.00003	.03162	.00073	.00010	.00012	.00017	.00006	.04372
%RSD	1317.4	117.48	381.22	121.20	17.134	18.885	110.42	142.73

#1	-.00003	-.06137	.00057	.00014	-.00071	.00085	-.00001	.01978
#2	-.00000	-.02015	-.00026	.00015	-.00058	.00108	-.00013	-.05348
#3	.00004	.00077	-.00088	-.00003	-.00082	.00075	-.00003	-.05819

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	-.00074	.02278	.00011	.00024	.13841	.00035	-.02623
Stddev	.00006	.00042	.01522	.00037	.00009	.00786	.00006	.01542
%RSD	8.8591	56.134	66.808	332.26	38.491	5.6775	17.337	58.798

#1	-.00062	-.00032	.01029	.00028	.00019	.13246	.00028	-.03200
#2	-.00070	-.00115	.03974	-.00031	.00018	.14731	.00038	-.00875
#3	-.00059	-.00077	.01832	.00036	.00035	.13545	.00038	-.03792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00303	-.00149	.00709	-.00636	-.0012	.00052	F 4.2316
Stddev	.00243	.00145	.00036	.00215	.00397	.0013	.00037	.2556
%RSD	1279.1	47.937	24.264	30.258	62.366	112.9	72.164	6.0392

#1	.00261	.00180	-.00111	.00515	-.00978	-.0014	.00063	4.4351
#2	-.00136	.00463	-.00152	.00674	-.00201	.0003	.00010	3.9448
#3	-.00182	.00266	-.00183	.00940	-.00728	-.0023	.00082	4.3149

Sample Name: CCB03 Acquired: 6/21/2019 15:30:35 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .32071
Stddev	.35901
%RSD	111.94

#1	.32836
#2	.67583
#3	-.04206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.2	35755.	1636.6	39.285	2690.2
Stddev	5.3	133.	17.1	.761	.7
%RSD	.22100	.37166	1.0445	1.9370	.02504

#1	2382.0	35907.	1644.3	38.566	2690.8
#2	2373.2	35662.	1617.0	39.207	2690.3
#3	2382.5	35696.	1648.5	40.082	2689.5

Sample Name: PB120824BS Acquired: 6/21/2019 15:35:03 Type: Unk
Method: P4-ICP2(v3224) 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	.70223	1.8286	.90728	1.8378	.77268	1.8330	.19310
Stddev	.00384	.0059	.00227	.0004	.00057	.0240	.00152
%RSD	.54664	.32213	.25047	.02159	.07374	1.3113	.78851

#1	.69810	1.8307	.90934	1.8377	.77233	1.8305	.19464
#2	.70569	1.8332	.90765	1.8382	.77334	1.8102	.19306
#3	.70292	1.8220	.90484	1.8375	.77238	1.8581	.19160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19101	.17374	1.0255	.40219	.18619	.28844	2.9960
Stddev	.00083	.00030	.0140	.00256	.00023	.00087	.0009
%RSD	.43685	.17433	1.3670	.63528	.12551	.30185	.02904

#1	.19168	.17409	1.0286	.40470	.18646	.28939	2.9950
#2	.19007	.17358	1.0378	.39959	.18603	.28825	2.9963
#3	.19127	.17355	1.0102	.40229	.18609	.28768	2.9966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19525	1.7865	.45876	.06958	2.9017	.30047	.17984
Stddev	.00024	.1046	.00030	.00061	.0092	.00036	.00071
%RSD	.12391	5.8576	.06449	.88272	.31566	.12017	.39385

#1	.19548	1.6809	.45882	.06936	2.9118	.30033	.18053
#2	.19527	1.7884	.45902	.06910	2.8939	.30021	.17987
#3	.19500	1.8901	.45843	.07027	2.8994	.30088	.17912

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9485	.39673	F .24062	F -.00521	.90164	.64142	.20616
Stddev	.0086	.00157	.01495	.00168	.00535	.00135	.00159
%RSD	.09644	.39619	6.2125	32.192	.59326	.21009	.77050

#1	8.9389	.39506	.25765	-.00327	.90738	.64239	.20515
#2	8.9508	.39693	.22966	-.00615	.89679	.64198	.20534
#3	8.9557	.39818	.23456	-.00620	.90074	.63988	.20799

Sample Name: PB120824BS Acquired: 6/21/2019 15:35:03 Type: Unk
Method: P4-ICP2(v3224) 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	.18742	F 5.275	F .25020	F 4.8488	F .04397
Stddev	.00247	.009	.00090	.2083	.49997
%RSD	1.3168	.1746	.36079	4.2965	1137.1
#1	.18555	5.284	.24921	4.7993	-.31571
#2	.18649	5.276	.25097	5.0775	.61488
#3	.19021	5.266	.25044	4.6698	-.16727
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.7	35677.	1625.1	36.685	2610.6
Stddev	4.5	79.	4.9	.262	7.8
%RSD	.19255	.22175	.29877	.71354	.29883
#1	2354.4	35587.	1630.7	36.955	2603.1
#2	2348.8	35738.	1622.2	36.432	2609.9
#3	2357.8	35705.	1622.4	36.668	2618.7

Sample Name: K3453-01 Acquired: 6/21/2019 15:39:12 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FRAC-TANK-MU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20910	.00612	2.3459	.01778	.01330	208.23	1.3902	.01473
Stddev	.00315	.00180	.0008	.00120	.00187	.57	.0018	.00019
%RSD	1.5084	29.485	.03434	6.7510	14.074	.27230	.12996	1.2956
#1	.20661	.00791	2.3468	.01875	.01525	208.78	1.3882	.01451
#2	.21265	.00615	2.3452	.01815	.01312	208.26	1.3905	.01482
#3	.20805	.00430	2.3458	.01643	.01152	207.65	1.3918	.01486
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01859	109.37	.33691	.12333	1.2204	237.17	2.7823	51.109
Stddev	.00018	.59	.00124	.00064	.0030	1.13	.0072	.123
%RSD	.98981	.54160	.36783	.52251	.24548	.47733	.25916	.23977
#1	.01871	110.03	.33571	.12276	1.2172	235.86	2.7806	50.998
#2	.01838	109.19	.33684	.12320	1.2209	237.87	2.7760	51.241
#3	.01869	108.89	.33819	.12403	1.2231	237.78	2.7902	51.089
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44913	-.00396	1.7317	.39125	6.3792	11.753	.00784	-.06620
Stddev	.00065	.00021	.0104	.00278	.0085	.042	.00043	.01925
%RSD	.14412	5.2931	.60058	.71173	.13356	.35551	5.4192	29.086
#1	.44987	-.00378	1.7321	.38804	6.3847	11.801	.00833	-.08225
#2	.44869	-.00419	1.7419	.39297	6.3694	11.733	.00764	-.04485
#3	.44883	-.00391	1.7211	.39273	6.3835	11.724	.00755	-.07149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7732	6.2288	.22277	2.3817	.18736	F 17.30	.80226	<.00000
Stddev	.0296	.0268	.00111	.0152	.00120	.05	.00922	.24707
%RSD	.43665	.43039	.49876	.63679	.63881	.2745	1.1490	29.854
#1	6.8072	6.2571	.22331	2.3936	.18869	17.24	.81249	-.78684
#2	6.7589	6.2254	.22149	2.3646	.18704	17.33	.79971	-.60347
#3	6.7535	6.2038	.22351	2.3869	.18636	17.32	.79459	-1.0925

Sample Name: K3453-01 Acquired: 6/21/2019 15:39:12 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FRAC-TANK-MU Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 70.333
 Stddev .699
 %RSD .99388

#1 69.764
 #2 70.122
 #3 71.113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.1	42129.	2056.6	38.434	2233.5
Stddev	6.3	117.	7.5	1.083	2.2
%RSD	.22269	.27827	.36427	2.8176	.09833

#1	2841.1	42261.	2048.1	37.186	2234.4
#2	2828.9	42088.	2059.9	38.981	2235.1
#3	2832.2	42038.	2061.9	39.134	2231.0

Sample Name: K3470-02 Acquired: 6/21/2019 15:43:38 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	.02534	.00519	.35545	.01184	.00326	135.53	1.3354	.01225
Stddev	.00199	.00201	.00077	.00524	.00148	.60	.0040	.00006
%RSD	7.8380	38.680	.21629	44.264	45.390	.44379	.29995	.46968

#1	.02325	.00321	.35527	.01399	.00340	136.23	1.3401	.01232
#2	.02720	.00514	.35629	.01566	.00466	135.19	1.3330	.01222
#3	.02556	.00723	.35479	.00587	.00171	135.19	1.3333	.01222

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	59.897	.16898	.13513	.43260	191.55	4.2309	60.140
Stddev	.00037	.250	.00103	.00073	.00035	.52	.0540	.101
%RSD	11.692	.41726	.61231	.54233	.08024	.27145	1.2760	.16865

#1	.00316	60.181	.17005	.13453	.43278	191.92	4.2812	60.239
#2	.00281	59.798	.16799	.13491	.43220	191.78	4.2376	60.037
#3	.00356	59.711	.16890	.13595	.43282	190.95	4.1739	60.145

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25716	-.00377	5.1979	.30957	.89800	12.675	.00084	-.01887
Stddev	.00038	.00037	.0027	.00119	.00188	.093	.00023	.01724
%RSD	.14700	9.7605	.05199	.38348	.20930	.73693	27.521	91.356

#1	.25737	-.00335	5.2008	.31049	.89754	12.744	.00095	-.03751
#2	.25672	-.00392	5.1954	.30823	.89640	12.569	.00058	-.01559
#3	.25738	-.00405	5.1975	.31000	.90007	12.714	.00100	-.00351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5542	4.8367	.07883	1.9277	.25510	5.069	.06335	<.00000
Stddev	.0049	.0062	.00081	.0031	.00153	.013	.00122	.26101
%RSD	.31610	.12824	1.0259	.16073	.59962	.2482	1.9206	185.47

#1	1.5486	4.8439	.07966	1.9280	.25570	5.063	.06247	-.32501
#2	1.5562	4.8329	.07879	1.9245	.25623	5.060	.06284	.15794
#3	1.5578	4.8335	.07804	1.9307	.25336	5.083	.06474	-.25512

Sample Name: K3470-02 Acquired: 6/21/2019 15:43:38 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 57.289
 Stddev .344
 %RSD .60115

#1 57.077
 #2 57.104
 #3 57.686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.4	41272.	1981.9	38.919	2273.1
Stddev	2.3	60.	6.3	2.066	2.4
%RSD	.08318	.14596	.31747	5.3088	.10569

#1	2783.0	41240.	1977.0	36.568	2275.8
#2	2781.3	41234.	1979.7	40.448	2272.3
#3	2785.8	41341.	1989.0	39.741	2271.2

Sample Name: K3470-06 Acquired: 6/21/2019 15:48:11 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	.01883	.00338	.16529	.01813	.00098	141.11	.97303	.01513
Stddev	.00071	.00314	.00145	.00219	.00177	.57	.00936	.00019
%RSD	3.7667	92.943	.87643	12.084	181.09	.40741	.96174	1.2464

#1	.01807	.00097	.16589	.02066	.00151	140.57	.96369	.01513
#2	.01896	.00223	.16364	.01701	-.00100	141.06	.97299	.01532
#3	.01947	.00693	.16635	.01673	.00243	141.72	.98241	.01494

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	20.438	.19016	.15596	.43128	227.73	7.0469	63.032
Stddev	.00020	.504	.00085	.00072	.00083	1.27	.0344	.644
%RSD	3.6314	2.4640	.44472	.46026	.19266	.55719	.48792	1.0221

#1	.00573	20.688	.19008	.15666	.43032	227.04	7.0387	62.314
#2	.00535	19.859	.19104	.15523	.43175	229.20	7.0847	63.222
#3	.00565	20.768	.18935	.15599	.43177	226.96	7.0174	63.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30833	-.00535	4.7075	.28503	.77709	17.049	.00033	-.05352
Stddev	.00073	.00038	.0336	.00075	.00154	.050	.00011	.01620
%RSD	.23688	7.1834	.71312	.26272	.19765	.29242	33.009	30.271

#1	.30836	-.00578	4.6734	.28465	.77718	16.992	.00036	-.04417
#2	.30759	-.00522	4.7086	.28590	.77552	17.075	.00042	-.04417
#3	.30905	-.00504	4.7405	.28456	.77858	17.081	.00021	-.07223

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63005	2.7814	.01302	2.7307	.27589	6.771	-.12460	<.00000
Stddev	.00863	.0543	.00020	.0465	.00525	.012	.00405	.18229
%RSD	1.3705	1.9506	1.5500	1.7039	1.9022	.1767	3.2489	9.6225

#1	.63104	2.8325	.01299	2.7518	.27685	6.775	-.12338	-1.9427
#2	.63814	2.7245	.01283	2.6773	.27023	6.758	-.12912	-2.0477
#3	.62096	2.7874	.01323	2.7629	.28060	6.781	-.12131	-1.6928

Sample Name: K3470-06 Acquired: 6/21/2019 15:48:11 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 69.348
Stddev .233
%RSD .33561

#1 69.143
#2 69.601
#3 69.301

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2947.0	43755.	2132.2	37.932	2265.1
Stddev	4.1	108.	41.5	.799	5.5
%RSD	.13881	.24711	1.9445	2.1061	.24427

#1	2946.0	43880.	2102.1	38.279	2261.6
#2	2943.5	43684.	2179.5	38.498	2271.5
#3	2951.5	43703.	2115.0	37.018	2262.2

Sample Name: K3470-10 Acquired: 6/21/2019 15:52:45 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02001	.00322	.14861	.01364	.00214	126.74	.89225	.01327
Stddev	.00269	.00049	.00240	.00476	.00229	.32	.00294	.00021
%RSD	13.429	15.172	1.6169	34.862	107.12	.25230	.32990	1.5685

#1	.01692	.00362	.14884	.01466	.00224	126.92	.89092	.01311
#2	.02181	.00267	.15089	.01781	.00437	126.92	.89562	.01320
#3	.02130	.00336	.14611	.00846	-.00020	126.37	.89019	.01351

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00320	27.143	.18258	.14660	.40183	218.16	6.2932	61.478
Stddev	.00021	.131	.00099	.00073	.00164	.26	.0251	.282
%RSD	6.5773	.48238	.54402	.49821	.40908	.11991	.39954	.45924

#1	.00341	27.183	.18166	.14740	.40202	218.38	6.2959	61.162
#2	.00319	27.250	.18244	.14644	.40337	217.87	6.3169	61.707
#3	.00299	26.997	.18363	.14597	.40010	218.22	6.2668	61.564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28110	-.00505	4.1933	.28531	.69150	14.909	.00050	-.04397
Stddev	.00089	.00014	.0269	.00130	.00210	.050	.00029	.00642
%RSD	.31628	2.8401	.64188	.45735	.30407	.33865	58.692	14.600

#1	.28198	-.00511	4.1824	.28672	.69391	14.940	.00030	-.03788
#2	.28020	-.00489	4.2240	.28413	.69006	14.936	.00035	-.05067
#3	.28113	-.00516	4.1736	.28509	.69052	14.851	.00083	-.04335

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60120	2.6337	.01175	2.9463	.25818	5.355	-.10456	<.00000
Stddev	.00469	.0257	.00072	.0010	.00147	.016	.00082	.16955
%RSD	.78092	.97680	6.1268	.03438	.57019	.2944	.78374	33.449

#1	.60060	2.6093	.01092	2.9459	.25798	5.370	-.10526	-.68813
#2	.59683	2.6311	.01214	2.9455	.25681	5.339	-.10366	-.35215
#3	.60616	2.6606	.01219	2.9474	.25974	5.356	-.10477	-.48037

Sample Name: K3470-10 Acquired: 6/21/2019 15:52:45 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 63.847
 Stddev .270
 %RSD .42328

#1 63.541
 #2 64.054
 #3 63.944

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2801.4	41644.	1992.8	37.086	2280.4
Stddev	10.6	82.	10.7	.341	8.3
%RSD	.37678	.19788	.53533	.91982	.36533

#1	2793.5	41616.	1982.2	37.325	2271.1
#2	2797.4	41580.	1992.6	36.696	2283.0
#3	2813.4	41737.	2003.6	37.238	2287.1

Sample Name: K3471-01 Acquired: 6/21/2019 15:57:19 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15160 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13126	.00419	1.0147	.05747	.00682	106.66	.77671	.01061
Stddev	.00328	.00143	.0041	.00134	.00266	.33	.00114	.00008
%RSD	2.5001	34.093	.40330	2.3385	39.075	.30583	.14678	.76852

#1	.12888	.00255	1.0184	.05865	.00817	106.89	.77544	.01063
#2	.12990	.00519	1.0103	.05601	.00854	106.81	.77765	.01068
#3	.13501	.00483	1.0155	.05774	.00375	106.29	.77704	.01052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	36.990	.25014	.10939	.49584	214.32	2.2590	32.256
Stddev	.00004	.212	.00089	.00043	.00101	.43	.0021	.219
%RSD	.67744	.57255	.35527	.39599	.20305	.20108	.09286	.68002

#1	.00621	37.127	.24932	.10986	.49475	214.81	2.2613	32.069
#2	.00615	37.097	.25002	.10930	.49603	214.17	2.2584	32.201
#3	.00623	36.746	.25109	.10900	.49673	213.99	2.2572	32.498

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18470	-.00368	4.6589	.45889	1.1493	4.2198	.00626	-.04765
Stddev	.00038	.00002	.0055	.00156	.0018	.0702	.00018	.01291
%RSD	.20574	.42366	.11751	.33950	.16004	1.6632	2.9076	27.089

#1	.18505	-.00370	4.6576	.45815	1.1472	4.3007	.00617	-.06111
#2	.18430	-.00367	4.6542	.45785	1.1507	4.1836	.00647	-.03538
#3	.18475	-.00367	4.6649	.46068	1.1499	4.1751	.00613	-.04645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5644	1.8094	.18250	3.5261	.08880	5.441	.04649	.31176
Stddev	.0067	.0181	.00085	.0094	.00149	.017	.00024	.14120
%RSD	.14712	1.0026	.46653	.26697	1.6762	.3082	.52460	45.292

#1	4.5619	1.8294	.18209	3.5288	.08772	5.441	.04624	.14889
#2	4.5593	1.8051	.18193	3.5338	.09050	5.424	.04651	.39973
#3	4.5720	1.7939	.18348	3.5156	.08817	5.457	.04672	.38666

Sample Name: K3471-01 Acquired: 6/21/2019 15:57:19 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15160 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 60.938
 Stddev .653
 %RSD 1.0711

#1 60.365
 #2 60.800
 #3 61.648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.4	40952.	1934.4	37.122	2332.1
Stddev	3.6	10.	7.7	.898	2.9
%RSD	.13228	.02392	.39703	2.4191	.12319

#1	2742.8	40961.	1928.1	37.972	2334.9
#2	2735.6	40941.	1932.2	36.183	2332.1
#3	2739.8	40953.	1943.0	37.213	2329.1

Sample Name: K3378-01 Acquired: 6/21/2019 16:14:10 Type: Unk
Method: P4-ICP2(v3224) 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	.01415	-.00469	.05628	.00267	-.02279	.22392	.12076
Stddev	.00587	.00542	.00440	.00406	.00329	.04203	.00254
%RSD	41.510	115.68	7.8251	152.24	14.429	18.772	2.1041

#1	.01458	-.01007	.05156	.00487	-.02365	.18027	.11922
#2	.01980	-.00476	.06028	.00516	-.02557	.26412	.12370
#3	.00807	.00077	.05699	-.00202	-.01916	.22737	.11938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00158	285.80	.00250	.12909	.01220	.05013
Stddev	.00016	.00021	1.64	.00028	.00073	.00157	.00109
%RSD	86.225	13.546	.57505	11.088	.56765	12.877	2.1730

#1	-.00016	.00161	286.96	.00266	.12923	.01400	.05118
#2	-.00004	.00178	283.92	.00218	.12974	.01109	.05019
#3	-.00036	.00135	286.53	.00266	.12830	.01152	.04901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	25.382	.14433	.00141	F 8546.8	.00273	.24580
Stddev	.00009	.473	.00187	.00192	90.2	.00120	.00551
%RSD	4.4916	1.8620	1.2956	136.84	1.0559	43.880	2.2429

#1	.00202	25.242	.14480	.00362	8618.9	.00294	.25137
#2	.00207	25.908	.14593	.00035	8575.9	.00144	.24567
#3	.00190	24.994	.14228	.00024	8445.6	.00380	.24035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1482.4	.35085	.37001	F 6757.7	1.8519	F -2.5437	-.01281
Stddev	87.4	.00272	.02816	37.9	.0147	.0150	.00227
%RSD	5.8983	.77649	7.6103	.56112	.79539	.58835	17.755

#1	1385.4	.35254	.40236	6786.1	1.8619	-2.5554	-.01509
#2	1506.6	.35230	.35100	6772.4	1.8350	-2.5487	-.01280
#3	1555.2	.34770	.35667	6714.6	1.8587	-2.5268	-.01054

Sample Name: K3378-01 Acquired: 6/21/2019 16:14:10 Type: Unk
Method: P4-ICP2(v3224) 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	.25700	.0577	.81894	13.621	F<.00000
Stddev	.01853	.0059	.00271	.109	.47801
%RSD	7.2112	10.26	.33108	.79813	43.425

#1	.23716	.0596	.82196	13.584	-1.1783
#2	.25997	.0510	.81815	13.744	-1.5353
#3	.27387	.0624	.81671	13.536	-.58872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	774.66	11654.	1013.6	21.986	655.09
Stddev	5.33	115.	10.7	.380	4.57
%RSD	.68844	.98426	1.0586	1.7293	.69717

#1	771.62	11624.	1002.6	22.394	651.40
#2	771.55	11557.	1024.0	21.921	653.66
#3	780.82	11781.	1014.1	21.642	660.20

Sample Name: K3378-01DUP Acquired: 6/21/2019 16:18:41 Type: Unk
Method: P4-ICP2(v3224) 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	.01245	-.00190	.05319	.01231	-.02091	.22004	.11790
Stddev	.00232	.00123	.00148	.00460	.00618	.03565	.00374
%RSD	18.618	64.723	2.7849	37.391	29.541	16.201	3.1756

#1	.00987	-.00328	.05416	.00733	-.01638	.19074	.11734
#2	.01311	-.00151	.05393	.01641	-.01841	.25973	.11447
#3	.01436	-.00091	.05149	.01320	-.02795	.20966	.12189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00151	270.52	-.00001	.12567	.01091	.04439
Stddev	.00013	.00014	1.79	.00044	.00080	.00103	.00150
%RSD	500.40	9.2628	.66336	4492.4	.63338	9.4616	3.3703

#1	-.00006	.00166	270.46	.00012	.12546	.01085	.04320
#2	.00012	.00138	268.76	-.00050	.12655	.01197	.04391
#3	-.00014	.00150	272.34	.00035	.12500	.00990	.04607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	24.449	.13917	.00259	^ *****	.00190	.17525
Stddev	.00012	1.071	.00136	.00020	-----	.00130	.00207
%RSD	8.0919	4.3823	.97829	7.7887	-----	68.268	1.1833

#1	.00144	24.037	.13846	.00248	7247.4	.00215	.17755
#2	.00134	23.644	.13831	.00246	^ -----	.00305	.17470
#3	.00157	25.665	.14074	.00282	7224.0	.00050	.17351

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1592.9	.34096	.35905	F 6611.2	1.7552	F -2.4885	-.00683
Stddev	50.7	.00090	.03357	36.1	.0286	.0128	.00626
%RSD	3.1834	.26386	9.3501	.54641	1.6300	.51462	91.745

#1	1568.0	.34071	.38102	6582.1	1.7322	-2.4780	-.00263
#2	1559.5	.34195	.32040	6651.6	1.7462	-2.5028	-.01403
#3	1651.3	.34020	.37572	6599.8	1.7873	-2.4847	-.00383

Sample Name: K3378-01DUP Acquired: 6/21/2019 16:18:41 Type: Unk
Method: P4-ICP2(v3224) 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	.21867	.0491	.77219	13.528	<.00000
Stddev	.00591	.0027	.00629	.146	.28080
%RSD	2.7025	5.444	.81444	1.0809	28.915

#1	.21405	.0521	.77496	13.521	-.92764
#2	.21663	.0471	.76499	13.386	-.71459
#3	.22533	.0480	.77661	13.678	-1.2711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	788.37	11867.	1044.9	22.570	668.12
Stddev	3.82	358.	9.1	.845	2.90
%RSD	.48396	3.0147	.86638	3.7441	.43339

#1	792.27	12003.	1044.4	21.727	670.28
#2	784.65	12136.	1054.3	23.417	664.83
#3	788.19	11461.	1036.2	22.564	669.25

Sample Name: K3378-01MS Acquired: 6/21/2019 16:23:14 Type: Unk
Method: P4-ICP2(v3224) 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	1.1141	1.7314	.98524	3.0713	1.1286	3.9525	.46373
Stddev	.0059	.0129	.01144	.0330	.0112	.0487	.00559
%RSD	.53305	.74221	1.1613	1.0755	.99371	1.2327	1.2060

#1	1.1190	1.7412	.99203	3.0974	1.1401	3.9293	.45914
#2	1.1158	1.7361	.99166	3.0823	1.1281	3.9197	.46996
#3	1.1075	1.7168	.97203	3.0341	1.1177	4.0085	.46208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32283	.19452	262.64	.33923	.30671	.24351	2.5306
Stddev	.00418	.00147	2.86	.00632	.00257	.00340	.0502
%RSD	1.2963	.75630	1.0891	1.8623	.83866	1.3969	1.9843

#1	.32039	.19549	260.65	.33536	.30858	.24592	2.5112
#2	.32766	.19524	265.92	.34652	.30777	.24498	2.5876
#3	.32043	.19283	261.36	.33581	.30378	.23962	2.4930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16771	24.882	.58643	.11968	F 6028.6	.28787	.55261
Stddev	.00317	.338	.00497	.00322	189.9	.00589	.00386
%RSD	1.8930	1.3597	.84725	2.6933	3.1502	2.0443	.69831

#1	.16602	24.509	.58976	.12152	6234.2	.28414	.55408
#2	.17137	24.971	.58881	.12157	5859.7	.29466	.55552
#3	.16573	25.168	.58072	.11596	5992.1	.28483	.54823

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1230.1	.66331	.80804	F 6347.0	2.5908	F -1.7276	.17653
Stddev	23.9	.00700	.05481	56.6	.0614	.0202	.00432
%RSD	1.9400	1.0547	6.7827	.89235	2.3686	1.1707	2.4445

#1	1202.8	.66716	.76439	6374.3	2.5671	-1.7371	.17903
#2	1240.7	.66753	.86955	6384.9	2.6605	-1.7414	.17901
#3	1246.8	.65523	.79019	6281.9	2.5449	-1.7044	.17155

Sample Name: K3378-01MS Acquired: 6/21/2019 16:23:14 Type: Unk
Method: P4-ICP2(v3224) 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	.72235	F 10.99	.97914	13.484	<.00000
Stddev	.00891	.10	.00826	.037	.16621
%RSD	1.2332	.8854	.84333	.27308	26.997
#1	.71279	11.05	.97125	13.451	-.52497
#2	.73042	11.04	.98772	13.477	-.51454
#3	.72384	10.88	.97845	13.524	-.80750
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	817.00	12543.	1036.0	23.313	686.73
Stddev	10.02	120.	13.5	1.177	8.81
%RSD	1.2265	.95491	1.3037	5.0479	1.2834
#1	812.15	12645.	1044.4	23.947	683.38
#2	810.32	12411.	1020.4	24.036	680.08
#3	828.52	12573.	1043.2	21.955	696.73

Sample Name: K3378-01LX5 Acquired: 6/21/2019 16:27:37 Type: Unk
Method: P4-ICP2(v3224) 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	.00441	.00235	.02523	.00259	-.00978	.05486	.02100	-.00009
Stddev	.00353	.00253	.00218	.00497	.00213	.02415	.00008	.00014
%RSD	80.068	107.73	8.6516	192.35	21.775	44.019	.39284	156.43
#1	.00547	.00501	.02332	.00311	-.00770	.07202	.02091	-.00022
#2	.00047	.00204	.02761	-.00263	-.01195	.06531	.02102	.00005
#3	.00730	-.00002	.02477	.00728	-.00968	.02725	.02107	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	73.669	.00296	.03028	.00452	.01796	.00060	5.1320
Stddev	.00010	.835	.00055	.00068	.00044	.00050	.00010	.1869
%RSD	15.864	1.1334	18.563	2.2457	9.6395	2.7870	17.368	3.6422
#1	.00074	72.708	.00355	.03097	.00473	.01805	.00059	4.9952
#2	.00054	74.208	.00288	.02962	.00482	.01742	.00071	5.0559
#3	.00070	74.093	.00246	.03023	.00402	.01841	.00050	5.3450
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02891	-.00138	^ *****	.00110	.02656	172.45	.08244	.05332
Stddev	.00059	.00109	-----	.00057	.00041	3.15	.00153	.01687
%RSD	2.0537	79.457	-----	51.906	1.5481	1.8269	1.8556	31.636
#1	.02897	-.00061	5306.2	.00168	.02703	170.11	.08420	.04805
#2	.02947	-.00089	4688.8	.00109	.02631	171.21	.08150	.03971
#3	.02829	-.00263	^ -----	.00054	.02633	176.03	.08161	.07219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2025.5	.43375	-.76011	-.00152	.03059	.0014	.18212	11.116
Stddev	34.5	.01138	.01211	.00236	.00256	.0038	.00217	.045
%RSD	1.7057	2.6230	1.5927	154.96	8.3812	265.0	1.1927	.40594
#1	2061.4	.43105	-.77272	-.00324	.02801	.0057	.17963	11.143
#2	1992.4	.44624	-.74858	-.00249	.03313	-.0016	.18307	11.064
#3	2022.6	.42397	-.75903	.00117	.03062	.0002	.18365	11.140

Sample Name: K3378-01LX5 Acquired: 6/21/2019 16:27:37 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.43589
Stddev	.39367
%RSD	90.314

#1	.61893
#2	-.01597
#3	.70473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.1	20465.	1369.8	31.373	1302.4
Stddev	23.0	87.	7.0	1.821	18.3
%RSD	1.5659	.42539	.50994	5.8029	1.4077

#1	1445.7	20393.	1364.9	30.308	1284.5
#2	1491.7	20562.	1366.6	30.335	1321.2
#3	1470.0	20440.	1377.8	33.475	1301.6

Sample Name: CCV04 Acquired: 6/21/2019 17:58:12 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15160 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9068	5.0079	5.0925	5.1257	5.0176	9.3561	9.9626	.26565
Stddev	.0076	.0085	.0111	.0154	.0155	.1199	.1092	.00120
%RSD	.15522	.17026	.21777	.29977	.30909	1.2820	1.0962	.45308
#1	4.9039	5.0142	5.0982	5.1420	5.0078	9.2182	9.8398	.26587
#2	4.9012	5.0114	5.0995	5.1234	5.0095	9.4148	9.9992	.26673
#3	4.9155	4.9982	5.0797	5.1116	5.0354	9.4355	10.049	.26435
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4599	25.661	1.0640	2.5612	1.2407	5.0294	2.3395	25.339
Stddev	.0025	.630	.0015	.0051	.0022	.0156	.0068	.305
%RSD	.10180	2.4554	.14064	.19876	.17561	.31034	.29098	1.2037
#1	2.4608	24.952	1.0623	2.5601	1.2408	5.0192	2.3422	24.991
#2	2.4619	25.873	1.0651	2.5667	1.2385	5.0473	2.3446	25.469
#3	2.4571	26.157	1.0646	2.5567	1.2428	5.0216	2.3318	25.558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4817	1.2268	F 27.998	2.5959	2.5499	F 22.224	4.8940	F 4.4794
Stddev	.0041	.0019	.128	.0080	.0040	.208	.0017	.0390
%RSD	.16445	.15088	.45758	.30818	.15601	.93480	.03552	.87020
#1	2.4863	1.2255	27.859	2.5890	2.5523	21.998	4.8923	4.4375
#2	2.4799	1.2289	28.111	2.6047	2.5522	22.267	4.8939	4.5146
#3	2.4788	1.2261	28.025	2.5941	2.5453	22.407	4.8958	4.4859
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2301	4.6982	4.9335	4.9350	F 4.3460	5.371	F 4.4968	F 7.7398
Stddev	.0323	.0858	.0063	.1297	.0948	.014	.1160	.0789
%RSD	.61687	1.8255	.12775	2.6280	2.1814	.2600	2.5802	1.0190
#1	5.2505	4.5993	4.9389	4.7908	4.2366	5.387	4.3631	7.6487
#2	5.2468	4.7435	4.9351	4.9721	4.3974	5.362	4.5560	7.7860
#3	5.1929	4.7518	4.9266	5.0421	4.4040	5.363	4.5712	7.7847

Sample Name: CCV04 Acquired: 6/21/2019 17:58:12 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15160 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3912
Stddev	.6642
%RSD	19.585

#1	2.7781
#2	4.0967
#3	3.2987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.8	35011.	1662.5	37.914	2299.9
Stddev	7.7	25.	24.6	1.440	4.9
%RSD	.33455	.07055	1.4823	3.7966	.21393

#1	2300.5	34985.	1690.8	38.945	2298.2
#2	2310.1	35034.	1650.2	36.270	2305.5
#3	2294.9	35015.	1646.3	38.528	2296.1

Sample Name: CCB04 Acquired: 6/21/2019 18:02:10 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00139	.00054	.00244	-.00198	-.00148	-.02194	.00323
Stddev	.00127	.00116	.00114	.00320	.00151	.01272	.00065
%RSD	91.981	215.48	46.797	161.90	101.90	57.975	20.091

#1	-.00283	.00183	.00131	-.00198	-.00090	-.02983	.00285
#2	-.00093	.00019	.00241	-.00517	-.00035	-.02874	.00398
#3	-.00040	-.00041	.00360	.00123	-.00319	-.00727	.00286

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00001	-.01680	.00095	-.00013	-.00087	.00119
Stddev	.00006	.00006	.01713	.00005	.00002	.00059	.00135
%RSD	749.02	779.53	101.95	5.2104	15.576	67.784	113.43

#1	.00007	.00003	-.01721	.00089	-.00011	-.00140	.00081
#2	.00001	.00003	.00053	.00098	-.00013	-.00099	.00269
#3	-.00006	-.00008	-.03373	.00097	-.00015	-.00023	.00007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01122	-.00066	-.00076	F 4.6843	.00028	-.00011
Stddev	.00016	.05329	.00045	.00048	.4066	.00057	.00004
%RSD	223.53	475.03	68.411	63.887	8.6792	201.14	36.394

#1	.00000	-.03507	-.00070	-.00118	4.7697	.00092	-.00007
#2	-.00025	-.00074	-.00019	-.00086	4.2418	.00010	-.00015
#3	.00004	.06947	-.00108	-.00023	5.0414	-.00017	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38669	.00047	-.01831	F .09381	.00228	-.00217	.00221
Stddev	.05492	.00026	.01852	.00271	.00322	.00077	.00326
%RSD	14.202	56.171	101.14	2.8856	141.07	35.632	147.10

#1	.39472	.00061	.00086	.09270	-.00142	-.00158	.00582
#2	.32820	.00063	-.03610	.09690	.00439	-.00188	.00135
#3	.43716	.00016	-.01969	.09183	.00388	-.00304	-.00052

Sample Name: CCB04 Acquired: 6/21/2019 18:02:10 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WASTE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01608	-.0023	.00039	F 7.3306	F .91036
Stddev	.00237	.0005	.00021	.1529	.43830
%RSD	14.706	23.76	53.114	2.0856	48.146

#1	-.01840	-.0026	.00053	7.3700	1.3037
#2	-.01367	-.0017	.00015	7.1619	.43787
#3	-.01618	-.0026	.00049	7.4599	.98952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.8	36402.	1647.6	40.436	2654.1
Stddev	3.9	104.	3.7	.415	7.2
%RSD	.16584	.28457	.22582	1.0271	.26990

#1	2370.1	36374.	1643.4	40.145	2656.2
#2	2369.0	36315.	1648.9	40.250	2646.1
#3	2376.3	36517.	1650.5	40.911	2660.0

Sample Name: K3378-01MSD Acquired: 6/21/2019 18:06:39 Type: Unk
Method: P4-ICP2(v3224) 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	1.1157	1.7210	.98450	3.1051	1.1297	3.8507	.47850
Stddev	.0100	.0166	.00992	.0404	.0049	.1315	.00834
%RSD	.89189	.96276	1.0073	1.3013	.43566	3.4137	1.7426

#1	1.1267	1.7262	.98856	3.1364	1.1340	3.9168	.47440
#2	1.1074	1.7024	.97320	3.0594	1.1244	3.6993	.47300
#3	1.1130	1.7344	.99175	3.1193	1.1308	3.9358	.48809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33437	.19320	268.29	.34307	.30970	.23798	2.5402
Stddev	.00357	.00196	3.91	.00372	.00418	.00330	.0254
%RSD	1.0689	1.0131	1.4573	1.0848	1.3506	1.3858	1.0012

#1	.33251	.19403	269.43	.34139	.31104	.24031	2.5314
#2	.33210	.19097	271.50	.34048	.30501	.23420	2.5204
#3	.33849	.19461	263.93	.34733	.31305	.23942	2.5689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15971	25.428	.58059	.11816	F 7676.3	.29347	.55759
Stddev	.00053	.564	.00757	.00283	320.0	.00281	.00602
%RSD	.33395	2.2185	1.3042	2.3932	4.1691	.95910	1.0794

#1	.15933	24.850	.58584	.11894	7424.9	.29225	.56032
#2	.15948	25.457	.57191	.11502	8036.6	.29147	.55069
#3	.16032	25.977	.58402	.12052	7567.3	.29669	.56176

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1052.7	.65445	.79762	F 6385.5	2.5566	F -1.7460	.17469
Stddev	41.8	.00561	.03164	51.1	.0503	.0148	.00265
%RSD	3.9678	.85687	3.9671	.80088	1.9680	.84563	1.5182

#1	1016.0	.65663	.76821	6409.9	2.5683	-1.7551	.17286
#2	1044.1	.64808	.79356	6326.8	2.6000	-1.7290	.17773
#3	1098.1	.65864	.83110	6419.9	2.5014	-1.7539	.17348

Sample Name: K3378-01MSD Acquired: 6/21/2019 18:06:39 Type: Unk
Method: P4-ICP2(v3224) 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	1.0679	F 11.18	.98820	14.029	<.00000
Stddev	.0786	.10	.01481	.137	.24490
%RSD	7.3608	.9040	1.4989	.97547	27.958
#1	1.0542	11.25	.99129	14.179	-.68356
#2	1.1524	11.07	1.0012	13.994	-.79268
#3	.99697	11.24	.97209	13.912	-1.1516
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	832.45	12725.	1058.3	23.814	696.88
Stddev	4.61	100.	24.0	.653	5.13
%RSD	.55427	.78603	2.2683	2.7422	.73555
#1	829.59	12739.	1049.8	24.220	693.83
#2	837.77	12817.	1039.6	23.061	702.80
#3	829.98	12619.	1085.3	24.162	694.01

Sample Name: K3378-01A Acquired: 6/21/2019 18:11:03 Type: Unk
Method: P4-ICP2(v3224) 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	1.1300	1.7238	.99561	3.0959	1.1232	3.6569	.46248
Stddev	.0006	.0058	.00770	.0078	.0107	.1331	.00930
%RSD	.05604	.33693	.77385	.25135	.95025	3.6386	2.0118

#1	1.1304	1.7236	.98671	3.0880	1.1136	3.5431	.46216
#2	1.1293	1.7181	1.0000	3.0961	1.1211	3.6244	.45334
#3	1.1303	1.7297	1.0001	3.1036	1.1347	3.8032	.47194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32553	.19502	265.40	.33258	.31289	.24136	2.5082
Stddev	.00316	.00084	1.77	.00220	.00148	.00011	.0169
%RSD	.97132	.43081	.66707	.66180	.47335	.04487	.67542

#1	.32715	.19440	266.54	.33261	.31124	.24145	2.5096
#2	.32189	.19598	263.36	.33037	.31410	.24124	2.4906
#3	.32755	.19468	266.30	.33477	.31334	.24140	2.5243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15544	24.679	.58790	.11822	F 5706.7	.28438	.55655
Stddev	.00213	.365	.00337	.00213	105.0	.00446	.00457
%RSD	1.3721	1.4778	.57297	1.8001	1.8406	1.5692	.82192

#1	.15720	24.567	.58483	.11857	5731.0	.28550	.55219
#2	.15307	24.384	.59150	.11594	5591.6	.27946	.55614
#3	.15605	25.087	.58738	.12015	5797.5	.28817	.56131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	996.41	.65777	.74203	F 6504.8	2.5496	F -1.7827	.17036
Stddev	28.93	.00623	.00877	14.6	.0152	.0042	.00363
%RSD	2.9038	.94677	1.1823	.22512	.59701	.23812	2.1335

#1	980.15	.65093	.73499	6488.8	2.5557	-1.7844	.17392
#2	979.26	.66311	.73923	6517.5	2.5608	-1.7858	.16666
#3	1029.8	.65926	.75186	6508.2	2.5322	-1.7778	.17052

Sample Name: K3378-01A Acquired: 6/21/2019 18:11:03 Type: Unk
Method: P4-ICP2(v3224) 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	.68765	F 11.20	.97582	14.080	<.00000
Stddev	.01122	.06	.00583	.131	.11489
%RSD	1.6310	.5453	.59697	.93307	14.630
#1	.67908	11.14	.97860	13.932	-.71144
#2	.68352	11.20	.96913	14.122	-.72683
#3	.70034	11.26	.97974	14.185	-.91768
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	819.99	12981.	1053.4	22.937	685.37
Stddev	3.63	151.	5.8	2.072	2.37
%RSD	.44318	1.1613	.54672	9.0345	.34513
#1	823.65	12908.	1046.8	20.734	688.09
#2	816.38	13154.	1056.3	24.847	684.19
#3	819.96	12879.	1057.1	23.229	683.83

Sample Name: K3410-01 Acquired: 6/21/2019 18:15:28 Type: Unk
Method: P4-ICP2(v3224) 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	-.00068	.00046	.01444	.00057	-.00224	.05290	.01175	-.00005
Stddev	.00073	.00163	.00062	.00170	.00245	.00915	.00082	.00013
%RSD	107.23	353.51	4.3122	299.52	109.23	17.293	7.0177	275.13

#1	-.00034	.00126	.01372	-.00122	-.00480	.06061	.01087	.00010
#2	-.00152	-.00141	.01481	.00077	-.00201	.04279	.01187	-.00009
#3	-.00018	.00154	.01478	.00216	.00009	.05529	.01251	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	12.267	-.00635	-.00021	.21747	.13674	.00824	3.4151
Stddev	.00003	.074	.00030	.00008	.00050	.00089	.00012	.0547
%RSD	11.744	.60698	4.7966	35.740	.23026	.64928	1.4314	1.6018

#1	.00025	12.216	-.00602	-.00026	.21714	.13639	.00811	3.3919
#2	.00020	12.233	-.00641	-.00012	.21805	.13775	.00834	3.3757
#3	.00024	12.353	-.00661	-.00026	.21724	.13608	.00827	3.4775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00158	141.94	.00059	.11410	760.24	.00071	-.01601
Stddev	.00055	.00009	4.89	.00038	.00025	2.47	.00023	.01566
%RSD	5655.8	5.5365	3.4419	64.708	.21733	.32525	31.540	97.759

#1	.00055	-.00167	145.95	.00083	.11411	762.61	.00057	-.02605
#2	-.00054	-.00149	143.37	.00081	.11385	760.42	.00097	.00203
#3	-.00005	-.00159	136.50	.00015	.11435	757.67	.00060	-.02402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.851	2.7688	-.01244	.00198	-.01442	F 12.50	.05782	8.6154
Stddev	.029	.0086	.00049	.00242	.00203	.01	.00024	.2046
%RSD	.10804	.30940	3.9239	122.02	14.063	.0805	.40683	2.3752

#1	26.860	2.7622	-.01205	.00440	-.01649	12.49	.05765	8.8433
#2	26.818	2.7785	-.01229	.00197	-.01243	12.50	.05772	8.5554
#3	26.874	2.7657	-.01299	-.00043	-.01435	12.51	.05809	8.4475

Sample Name: K3410-01 Acquired: 6/21/2019 18:15:28 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1492
Stddev .4147
%RSD 19.293

#1 1.6860
#2 2.4857
#3 2.2760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.5	33298.	1596.0	37.859	2209.9
Stddev	3.1	115.	6.7	.728	5.3
%RSD	.14150	.34637	.41829	1.9242	.23960

#1	2227.1	33261.	1589.7	37.918	2215.8
#2	2221.1	33205.	1595.3	37.103	2208.2
#3	2222.4	33427.	1603.0	38.556	2205.5

Sample Name: K3459-01 Acquired: 6/21/2019 18:19:49 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00055	.00830	-.00147	-.00344	.02417	.00428	.00005
Stddev	.00130	.00152	.00090	.00239	.00230	.00588	.00258	.00012
%RSD	157.96	276.76	10.810	161.99	66.783	24.311	60.276	250.32

#1	.00049	-.00119	.00779	-.00054	-.00283	.02081	.00639	.00007
#2	-.00212	.00124	.00934	.00031	-.00151	.02075	.00504	-.00008
#3	-.00084	.00160	.00778	-.00419	-.00599	.03096	.00141	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.23148	.00122	-.00014	.05040	.02515	.00084	-.02443
Stddev	.00005	.00501	.00027	.00037	.00019	.00027	.00004	.01666
%RSD	24.795	2.1663	22.398	268.14	.37032	1.0658	4.6668	68.198

#1	.00025	.23284	.00119	.00013	.05025	.02536	.00086	-.00569
#2	.00025	.22592	.00097	.00001	.05033	.02525	.00086	-.03005
#3	.00016	.23567	.00151	-.00056	.05061	.02485	.00079	-.03756

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01778	-.00077	18.690	.00013	.11987	1.7521	-.00023	-.02756
Stddev	.00027	.00032	.246	.00020	.00046	.0462	.00018	.01898
%RSD	1.5067	41.836	1.3166	148.51	.38729	2.6389	79.654	68.864

#1	.01794	-.00114	18.939	-.00004	.12040	1.8007	-.00026	-.00662
#2	.01793	-.00056	18.685	.00010	.11967	1.7086	-.00039	-.04362
#3	.01747	-.00060	18.447	.00035	.11954	1.7470	-.00003	-.03244

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09399	.48067	-.00477	.00261	-.01993	.0000	.00153	6.9632
Stddev	.00083	.00455	.00016	.00058	.00280	.0009	.00013	.0416
%RSD	.88739	.94670	3.2761	22.224	14.044	2569.	8.4031	.59713

#1	.09493	.47745	-.00460	.00328	-.02305	.0004	.00140	7.0006
#2	.09333	.48588	-.00491	.00221	-.01764	.0007	.00165	6.9706
#3	.09372	.47869	-.00480	.00235	-.01911	-.0010	.00154	6.9184

Sample Name: K3459-01 Acquired: 6/21/2019 18:19:49 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0936
 Stddev .3412
 %RSD 31.198

#1 .69970
 #2 1.2836
 #3 1.2974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.4	37435.	1652.9	40.388	2727.6
Stddev	4.4	80.	6.0	1.551	7.6
%RSD	.18241	.21465	.36456	3.8395	.27793

#1	2436.7	37407.	1659.8	39.671	2728.8
#2	2427.8	37526.	1650.7	39.326	2719.4
#3	2432.7	37373.	1648.3	42.168	2734.4

Sample Name: K3459-02 Acquired: 6/21/2019 18:24:14 Type: Unk
Method: P4-ICP2(v3224) 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	-.00089	.00017	.01402	-.00224	-.00149	.55084	.00869	-.00000
Stddev	.00143	.00044	.00152	.00171	.00146	.00642	.00132	.00002
%RSD	160.78	264.65	10.844	76.291	98.324	1.1646	15.147	1836.1

#1	-.00203	.00004	.01256	-.00343	-.00315	.54699	.00732	-.00002
#2	.00072	.00065	.01390	-.00028	-.00092	.54729	.00994	.00000
#3	-.00136	-.00020	.01559	-.00300	-.00039	.55825	.00882	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.37741	.00496	-.00011	.10658	.94981	.00711	-.00226
Stddev	.00006	.03600	.00030	.00040	.00030	.00418	.00005	.03454
%RSD	81.473	9.5387	6.0653	378.93	.28437	.43983	.69901	1525.8

#1	.00012	.33617	.00503	-.00022	.10660	.95045	.00705	-.01157
#2	.00008	.40254	.00463	.00034	.10627	.95362	.00715	.03597
#3	.00001	.39353	.00522	-.00043	.10687	.94534	.00713	-.03120

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03879	-.00090	13.677	.00048	.23409	1.2920	-.00005	.01913
Stddev	.00036	.00028	.099	.00036	.00031	.0156	.00017	.01001
%RSD	.91553	30.745	.72395	74.285	.13231	1.2034	307.08	52.318

#1	.03878	-.00062	13.772	.00007	.23378	1.3046	-.00014	.01026
#2	.03844	-.00117	13.685	.00070	.23409	1.2968	-.00016	.01715
#3	.03915	-.00091	13.575	.00068	.23440	1.2746	.00014	.02998

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14666	1.8067	-.00377	.00516	-.02037	.0026	.00179	7.1287
Stddev	.00318	.0493	.00032	.00188	.00068	.0012	.00011	.1433
%RSD	2.1677	2.7290	8.4600	36.490	3.3194	45.97	6.0837	2.0099

#1	.14759	1.8633	-.00381	.00562	-.01974	.0032	.00190	7.1876
#2	.14312	1.7736	-.00406	.00678	-.02028	.0035	.00179	6.9653
#3	.14927	1.7830	-.00343	.00309	-.02109	.0012	.00168	7.2331

Sample Name: K3459-02 Acquired: 6/21/2019 18:24:14 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5396
 Stddev .1732
 %RSD 11.246

#1 1.6458
 #2 1.3398
 #3 1.6333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.1	37329.	1648.4	39.082	2721.1
Stddev	16.3	103.	36.8	.960	16.0
%RSD	.66658	.27506	2.2295	2.4570	.58834

#1	2457.8	37447.	1606.5	37.986	2739.6
#2	2431.2	37257.	1674.9	39.774	2712.7
#3	2428.3	37283.	1663.9	39.486	2711.1

Sample Name: CCV05 Acquired: 6/21/2019 18:33:34 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9349	4.9719	5.0783	5.1489	4.9782	9.0087	9.7744	.26235
Stddev	.0173	.0063	.0063	.0152	.0089	.0215	.0459	.00051
%RSD	.35039	.12741	.12336	.29467	.17927	.23834	.46955	.19626
#1	4.9420	4.9646	5.0724	5.1657	4.9687	8.9893	9.7263	.26266
#2	4.9152	4.9750	5.0776	5.1364	4.9794	9.0050	9.8177	.26264
#3	4.9476	4.9762	5.0849	5.1445	4.9864	9.0318	9.7793	.26176
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4573	25.450	1.0264	2.5564	1.2289	4.9980	2.2710	24.558
Stddev	.0044	.606	.0022	.0052	.0006	.0037	.0052	.318
%RSD	.17806	2.3815	.21858	.20408	.05109	.07464	.22877	1.2964
#1	2.4522	25.789	1.0253	2.5505	1.2284	5.0022	2.2666	24.227
#2	2.4601	25.811	1.0249	2.5582	1.2296	4.9966	2.2697	24.862
#3	2.4595	24.750	1.0289	2.5604	1.2288	4.9951	2.2768	24.586
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4563	1.2114	F 39.099	2.5678	2.5436	23.032	4.8697	F 4.3318
Stddev	.0065	.0013	.299	.0049	.0049	.127	.0067	.0607
%RSD	.26600	.11069	.76507	.19133	.19425	.54951	.13796	1.4017
#1	2.4490	1.2109	38.755	2.5653	2.5381	22.943	4.8659	4.2799
#2	2.4616	1.2129	39.297	2.5646	2.5477	23.177	4.8658	4.3986
#3	2.4582	1.2104	39.245	2.5734	2.5450	22.977	4.8775	4.3170
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.1816	4.7562	4.9399	4.8766	F 4.2645	5.364	4.8673	F 8.2654
Stddev	.0838	.1128	.0091	.1191	.1252	.006	.1268	.0926
%RSD	1.3549	2.3710	.18384	2.4431	2.9353	.1173	2.6059	1.1209
#1	6.0980	4.8254	4.9295	4.9312	4.3330	5.364	4.9333	8.3691
#2	6.1812	4.8173	4.9464	4.9586	4.3404	5.357	4.9474	8.1907
#3	6.2655	4.6261	4.9439	4.7399	4.1200	5.370	4.7210	8.2365

Sample Name: CCV05 Acquired: 6/21/2019 18:33:34 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5322
Stddev	.6297
%RSD	17.827

#1	3.5563
#2	2.8908
#3	4.1494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.8	35439.	1652.1	38.753	2307.5
Stddev	3.7	62.	42.3	2.007	1.6
%RSD	.16185	.17604	2.5629	5.1797	.07022

#1	2311.3	35437.	1621.8	36.934	2308.8
#2	2315.8	35503.	1634.0	38.417	2308.0
#3	2308.3	35378.	1700.5	40.906	2305.7

Sample Name: CCB05 Acquired: 6/21/2019 18:37:31 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8344 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	.00118	F .00397	-.00093	-.00113	-.02014	.00437
Stddev	.00162	.00142	.00077	.00219	.00229	.00887	.00101
%RSD	204.04	120.13	19.503	235.67	202.18	44.036	23.223

#1	-.00176	-.00045	.00367	.00113	-.00371	-.02329	.00434
#2	-.00169	.00192	.00339	-.00323	-.00039	-.01013	.00336
#3	.00107	.00207	.00485	-.00069	.00070	-.02701	.00539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00000	-.02303	.00054	-.00033	-.00010	.00187
Stddev	.00001	.00003	.01313	.00039	.00015	.00038	.00086
%RSD	26.353	710.04	57.000	72.876	46.405	372.87	45.741

#1	.00003	-.00003	-.00855	.00099	-.00032	-.00042	.00090
#2	.00004	.00003	-.02639	.00031	-.00018	-.00022	.00250
#3	.00005	-.00001	-.03416	.00031	-.00048	.00032	.00222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.03839	-.00122	-.00097	F 17.733	.00013	-.00012
Stddev	.00007	.05547	.00018	.00026	.562	.00032	.00009
%RSD	143.44	144.50	14.973	27.023	3.1689	240.61	80.500

#1	-.00011	-.00111	-.00142	-.00081	17.096	.00005	-.00010
#2	-.00005	-.01192	-.00107	-.00083	18.158	.00049	-.00003
#3	.00002	-.10213	-.00115	-.00127	17.946	-.00013	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8351	.00037	-.02202	F 1.0284	.00488	-.00110	.00421
Stddev	.0098	.00020	.00953	.0430	.00173	.00024	.00238
%RSD	.53649	53.217	43.274	4.1774	35.513	21.969	56.439

#1	1.8335	.00060	-.02891	1.0698	.00595	-.00111	.00359
#2	1.8457	.00026	-.01114	1.0315	.00288	-.00133	.00220
#3	1.8262	.00026	-.02599	.98401	.00580	-.00085	.00683

Sample Name: CCB05 Acquired: 6/21/2019 18:37:31 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8344 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01536	-.0023	.00077	F 7.2016	F 1.5238
Stddev	.00199	.0013	.00010	.3410	.4595
%RSD	12.929	57.71	13.433	4.7349	30.154

#1	-.01626	-.0039	.00089	6.8127	1.9013
#2	-.01308	-.0017	.00068	7.3429	1.0122
#3	-.01674	-.0014	.00075	7.4493	1.6579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.6	37640.	1642.6	39.975	2658.8
Stddev	4.2	983.	11.2	1.734	4.0
%RSD	.17760	2.6109	.68042	4.3384	.15006

#1	2393.0	38772.	1639.2	40.548	2663.4
#2	2385.7	37149.	1655.1	41.351	2656.9
#3	2393.1	37000.	1633.5	38.027	2656.1

Sample Name: K3459-03 Acquired: 6/21/2019 18:41:59 Type: Unk
Method: P4-ICP2(v3224) 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	.00045	-.00027	.00599	-.00084	-.00212	.00739	.00427	-.00004
Stddev	.00230	.00070	.00109	.00344	.00161	.00965	.00125	.00005
%RSD	514.21	254.50	18.223	410.70	75.831	130.60	29.359	128.20

#1	-.00172	-.00047	.00659	-.00004	-.00053	.01718	.00293	-.00008
#2	.00021	.00050	.00473	-.00461	-.00209	-.00212	.00542	.00002
#3	.00285	-.00085	.00666	.00213	-.00374	.00712	.00445	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.20218	.00060	-.00031	.05527	.01231	.00050	-.04232
Stddev	.00011	.00514	.00007	.00008	.00038	.00064	.00004	.07524
%RSD	60.716	2.5436	12.154	25.686	.67851	5.2096	7.3699	177.77

#1	.00023	.20789	.00067	-.00031	.05529	.01292	.00048	-.10476
#2	.00027	.19790	.00053	-.00023	.05564	.01238	.00048	-.06341
#3	.00006	.20076	.00061	-.00039	.05489	.01164	.00054	.04121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01976	-.00107	10.711	-.00013	.07211	1.1397	-.00036	-.01822
Stddev	.00044	.00019	.091	.00014	.00020	.0580	.00002	.01666
%RSD	2.2476	17.583	.85236	103.99	.28285	5.0892	5.6698	91.443

#1	.01942	-.00091	10.815	-.00001	.07187	1.1792	-.00034	-.00000
#2	.01960	-.00128	10.675	-.00028	.07219	1.0731	-.00035	-.03269
#3	.02026	-.00102	10.643	-.00010	.07225	1.1668	-.00038	-.02198

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30149	.14034	-.00477	.00366	-.02135	-.0007	.00093	7.0027
Stddev	.00984	.00355	.00046	.00036	.00095	.0026	.00028	.1634
%RSD	3.2626	2.5271	9.6305	9.8046	4.4493	380.6	29.594	2.3331

#1	.31211	.14320	-.00528	.00401	-.02239	-.0022	.00087	6.8936
#2	.29967	.13637	-.00466	.00330	-.02114	-.0021	.00124	6.9240
#3	.29270	.14144	-.00438	.00367	-.02052	.0023	.00069	7.1906

Sample Name: K3459-03 Acquired: 6/21/2019 18:41:59 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3346
 Stddev .1079
 %RSD 8.0833

#1 1.4272
 #2 1.2161
 #3 1.3603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.7	38100.	1677.1	40.930	2770.5
Stddev	15.5	46.	6.8	1.462	18.5
%RSD	.63108	.12135	.40281	3.5728	.66802

#1	2458.5	38152.	1669.3	39.739	2766.1
#2	2475.9	38085.	1681.0	40.489	2790.9
#3	2444.9	38064.	1681.1	42.562	2754.7

Sample Name: K3158-06 Acquired: 6/21/2019 18:46:23 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00129	.01524	-.00095	-.00189	.10922	.06119	-.00005
Stddev	.00175	.00131	.00078	.00269	.00231	.01230	.00066	.00007
%RSD	338.77	100.78	5.1405	285.05	121.78	11.264	1.0762	156.54

#1	.00127	-.00024	.01611	.00215	-.00419	.09524	.06113	-.00008
#2	.00177	-.00275	.01503	-.00221	.00042	.11405	.06056	-.00010
#3	-.00149	-.00089	.01458	-.00278	-.00191	.11838	.06188	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	17.558	.00091	.00395	.00473	.27695	.31786	1.7799
Stddev	.00003	.053	.00035	.00004	.00059	.00180	.00120	.0063
%RSD	9.5245	.29908	39.065	.90473	12.412	.64874	.37864	.35610

#1	.00030	17.505	.00053	.00393	.00498	.27902	.31881	1.7744
#2	.00025	17.558	.00124	.00399	.00406	.27577	.31651	1.7783
#3	.00026	17.610	.00095	.00394	.00515	.27606	.31826	1.7868

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00105	263.13	-.00016	.12532	1.7710	-.00015	-.01693
Stddev	.00058	.00050	2.63	.00016	.00026	.0388	.00020	.01204
%RSD	57.646	47.269	.99977	101.84	.20658	2.1883	133.97	71.102

#1	.00164	-.00132	266.15	-.00033	.12535	1.7638	-.00011	-.00934
#2	.00050	-.00136	261.31	-.00001	.12556	1.7364	-.00037	-.03081
#3	.00087	-.00048	261.94	-.00014	.12504	1.8129	.00003	-.01064

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64699	.41469	-.00243	.00566	-.01807	.0008	.04149	8.2676
Stddev	.02434	.00583	.00033	.00058	.00249	.0020	.00023	.0851
%RSD	3.7622	1.4049	13.767	10.243	13.801	245.1	.55592	1.0287

#1	.67096	.42051	-.00279	.00591	-.01568	-.0012	.04122	8.2088
#2	.64770	.41472	-.00213	.00608	-.01788	.0010	.04159	8.2288
#3	.62230	.40886	-.00237	.00500	-.02065	.0027	.04164	8.3651

Sample Name: K3158-06 Acquired: 6/21/2019 18:46:23 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2876
Stddev	.2745
%RSD	21.322

#1	1.6001
#2	1.0855
#3	1.1771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.2	34811.	1634.6	39.423	2342.6
Stddev	5.9	101.	7.1	.726	5.6
%RSD	.25732	.29126	.43245	1.8407	.23814

#1	2291.4	34702.	1634.6	38.679	2337.4
#2	2301.6	34902.	1627.5	40.128	2341.7
#3	2301.7	34830.	1641.6	39.462	2348.5

Sample Name: K3158-06DUP Acquired: 6/21/2019 18:50:48 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00311	-.00104	.01550	-.00179	-.00352	.12569	.06199	.00006
Stddev	.00305	.00241	.00104	.00396	.00313	.01374	.00040	.00008
%RSD	98.079	231.17	6.7378	221.41	88.924	10.935	.65249	135.09

#1	-.00011	-.00321	.01600	-.00382	-.00713	.11129	.06158	-.00001
#2	-.00621	-.00148	.01619	-.00432	-.00148	.13867	.06238	.00004
#3	-.00301	.00156	.01430	.00277	-.00196	.12710	.06202	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	17.875	.00149	.00415	.00484	.28472	.32421	1.7242
Stddev	.00005	.189	.00054	.00044	.00024	.00173	.00085	.0194
%RSD	13.471	1.0548	36.409	10.590	4.9705	.60766	.26080	1.1248

#1	.00040	17.722	.00138	.00466	.00509	.28672	.32502	1.7046
#2	.00037	17.818	.00207	.00392	.00484	.28374	.32428	1.7247
#3	.00031	18.086	.00100	.00388	.00461	.28371	.32334	1.7434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00141	265.15	-.00022	.13119	1.9248	-.00010	-.01309
Stddev	.00055	.00024	.91	.00084	.00022	.0219	.00018	.02077
%RSD	79.148	16.849	.34358	380.92	.16640	1.1397	175.58	158.67

#1	.00015	-.00163	266.19	.00075	.13133	1.9003	.00009	-.02844
#2	.00125	-.00116	264.50	-.00071	.13130	1.9425	-.00026	-.02138
#3	.00069	-.00144	264.76	-.00069	.13094	1.9317	-.00013	.01054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55965	.41864	-.00220	.00449	-.01565	-.0011	.04235	8.3213
Stddev	.00841	.00442	.00031	.00089	.00135	.0013	.00067	.0115
%RSD	1.5031	1.0563	13.881	19.741	8.6171	111.6	1.5869	.13824

#1	.56936	.42261	-.00205	.00387	-.01461	.0002	.04158	8.3323
#2	.55477	.41944	-.00200	.00410	-.01717	-.0012	.04282	8.3222
#3	.55482	.41388	-.00255	.00550	-.01517	-.0023	.04265	8.3094

Sample Name: K3158-06DUP Acquired: 6/21/2019 18:50:48 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-062019 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3512
Stddev	.6225
%RSD	46.070

#1	.67907
#2	1.4666
#3	1.9079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.1	34649.	1631.1	40.014	2328.8
Stddev	5.8	27.	7.2	1.086	7.7
%RSD	.25647	.07708	.44339	2.7145	.33036

#1	2274.0	34664.	1639.2	40.723	2321.2
#2	2280.5	34618.	1625.4	38.763	2336.6
#3	2285.6	34665.	1628.7	40.555	2328.4

Sample Name: K3158-06LX5 Acquired: 6/21/2019 18:55:12 Type: Unk
Method: P4-ICP2(v3224) 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	-.00169	.00060	.00521	-.00366	-.00038	.01018	.01459	.00009
Stddev	.00179	.00135	.00152	.00289	.00183	.01862	.00022	.00014
%RSD	105.48	223.50	29.146	79.050	487.46	182.81	1.4752	152.87

#1	-.00360	.00102	.00683	-.00416	-.00201	.01131	.01434	.00004
#2	-.00005	-.00091	.00496	-.00055	-.00071	-.00897	.01472	-.00002
#3	-.00143	.00170	.00383	-.00626	.00160	.02821	.01470	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.5125	.00029	.00061	.00047	.06054	.06563	.32591
Stddev	.00004	.1189	.00029	.00020	.00019	.00081	.00039	.05175
%RSD	170.78	3.3853	100.36	32.477	40.190	1.3386	.58744	15.879

#1	.00005	3.5884	.00059	.00051	.00039	.05962	.06518	.35410
#2	.00004	3.5738	.00026	.00084	.00033	.06084	.06583	.26619
#3	-.00002	3.3755	.00001	.00049	.00068	.06116	.06587	.35745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00061	59.928	.00009	.02514	1.3188	-.00041	-.00647
Stddev	.00051	.00064	.583	.00017	.00005	.0316	.00013	.00779
%RSD	47.575	105.18	.97359	185.16	.21623	2.3969	30.720	120.53

#1	-.00167	-.00035	60.470	.00029	.02509	1.3464	-.00029	-.00990
#2	-.00075	-.00134	59.310	.00002	.02515	1.3257	-.00039	-.01195
#3	-.00081	-.00014	60.003	-.00003	.02520	1.2843	-.00054	.00245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40094	.08856	-.00276	.00552	-.01701	-.0036	.00887	7.5392
Stddev	.01346	.00616	.00086	.00131	.00215	.0023	.00031	.2598
%RSD	3.3559	6.9544	31.049	23.689	12.635	65.92	3.4905	3.4463

#1	.41372	.08902	-.00374	.00627	-.01588	-.0055	.00903	7.8094
#2	.40221	.09447	-.00236	.00628	-.01565	-.0010	.00906	7.5171
#3	.38690	.08218	-.00217	.00401	-.01948	-.0042	.00851	7.2912

Sample Name: K3158-06LX5 Acquired: 6/21/2019 18:55:12 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3726
Stddev .2982
%RSD 21.728

#1 1.0604
#2 1.4027
#3 1.6546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.3	36657.	1685.7	40.764	2535.5
Stddev	6.4	66.	60.9	1.348	3.2
%RSD	.26811	.17984	3.6099	3.3057	.12435

#1	2369.0	36582.	1643.0	39.811	2532.2
#2	2380.7	36680.	1658.6	40.175	2538.5
#3	2379.2	36708.	1755.4	42.306	2535.8

Sample Name: K3158-06MS Acquired: 6/21/2019 18:59:39 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	.77552	1.8645	1.0000	2.0494	.77302	1.9712	.26517	.20976	.19497
Stddev	.00482	.0042	.0038	.0138	.00349	.0212	.00053	.00058	.00026
%RSD	.62206	.22552	.37762	.67160	.45167	1.0753	.19960	.27724	.13173

#1	.77593	1.8681	.99793	2.0645	.77043	1.9584	.26456	.20945	.19468
#2	.77051	1.8599	.99776	2.0376	.77164	1.9594	.26541	.20940	.19516
#3	.78013	1.8654	1.0044	2.0460	.77699	1.9956	.26554	.21043	.19507

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.583	.41631	.21027	.29352	3.3573	.49033	3.6835	.49209	.06991
Stddev	.122	.00140	.00080	.00189	.0063	.00108	.0552	.00042	.00038
%RSD	.65756	.33739	.38096	.64280	.18774	.21990	1.4978	.08536	.54400

#1	18.595	.41714	.20984	.29525	3.3536	.49026	3.7290	.49212	.07027
#2	18.455	.41711	.20977	.29151	3.3538	.49144	3.6221	.49165	.06951
#3	18.699	.41469	.21119	.29380	3.3646	.48928	3.6995	.49249	.06994

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	256.97	.32636	.32716	10.728	.39343	.25216	.42179	1.2956	.68169
Stddev	.67	.00143	.00047	.108	.00012	.00904	.00285	.0046	.00134
%RSD	.25961	.43741	.14275	1.0056	.03052	3.5835	.67646	.35864	.19644

#1	257.43	.32765	.32671	10.671	.39357	.24747	.42454	1.3003	.68324
#2	256.20	.32661	.32712	10.661	.39337	.26258	.42199	1.2956	.68083
#3	257.26	.32483	.32765	10.852	.39335	.24644	.41885	1.2910	.68102

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20742	.16934	6.489	.30032	8.9119	1.2609
Stddev	.00295	.00298	.008	.00301	.0643	.7486
%RSD	1.4210	1.7580	.1211	1.0021	.72094	59.372

#1	.20760	.17106	6.498	.30105	8.9839	2.0064
#2	.20438	.16590	6.483	.29702	8.8604	1.2670
#3	.21027	.17107	6.487	.30290	8.8915	.50923

Sample Name: K3158-06MS Acquired: 6/21/2019 18:59:39 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	2267.1	34526.	1596.3	38.841	2307.5
Stddev	6.3	58.	14.6	1.198	10.4
%RSD	.27937	.16691	.91521	3.0850	.44952
#1	2273.7	34488.	1581.6	38.334	2318.8
#2	2261.2	34498.	1610.9	40.210	2298.5
#3	2266.2	34592.	1596.3	37.981	2305.2

Sample Name: K3158-06MSD Acquired: 6/21/2019 19:03:47 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	.77156	1.8630	.99989	2.0424	.77135	1.9599	.26484	.21003	.19449
Stddev	.00286	.0025	.00275	.0012	.00194	.0202	.00178	.00079	.00006
%RSD	.37057	.13268	.27528	.05620	.25089	1.0313	.67267	.37435	.03292

#1	.77284	1.8623	1.0029	2.0438	.77016	1.9402	.26286	.21011	.19446
#2	.77356	1.8658	.99920	2.0417	.77031	1.9806	.26632	.21077	.19457
#3	.76828	1.8610	.99754	2.0418	.77359	1.9589	.26533	.20920	.19446

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.656	.41721	.21084	.29418	3.3496	.49303	3.7341	.49183	.06980
Stddev	.108	.00159	.00067	.00202	.0083	.00188	.0552	.00092	.00043
%RSD	.58107	.38097	.31606	.68498	.24713	.38152	1.4788	.18611	.61240

#1	18.556	.41858	.21036	.29578	3.3527	.49476	3.7191	.49280	.06939
#2	18.640	.41547	.21160	.29485	3.3559	.49329	3.7953	.49099	.07025
#3	18.771	.41758	.21057	.29192	3.3402	.49103	3.6880	.49169	.06976

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	258.88	.32629	.32850	10.709	.39385	.24029	.39098	1.2919	.68423
Stddev	1.72	.00060	.00082	.039	.00065	.01626	.00663	.0151	.00148
%RSD	.66256	.18526	.25107	.36401	.16420	6.7665	1.6956	1.1664	.21624

#1	257.33	.32696	.32839	10.674	.39426	.22808	.39720	1.3011	.68561
#2	258.60	.32578	.32937	10.751	.39417	.25875	.39174	1.2745	.68267
#3	260.72	.32613	.32773	10.704	.39310	.23404	.38400	1.3000	.68441

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20613	.16836	6.486	.29882	8.7955	1.1329
Stddev	.00606	.00236	.001	.00137	.0708	.5331
%RSD	2.9376	1.4026	.0160	.45698	.80487	47.054

#1	.19915	.16841	6.487	.29753	8.7139	1.7269
#2	.20990	.17069	6.485	.29868	8.8335	.69607
#3	.20935	.16597	6.487	.30025	8.8392	.97578

Sample Name: K3158-06MSD Acquired: 6/21/2019 19:03:47 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-062019 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	2270.9	34635.	1611.4	38.071	2307.2
Stddev	3.9	144.	9.6	.608	1.1
%RSD	.17128	.41598	.59774	1.5961	.04604
#1	2267.6	34470.	1603.5	38.562	2306.4
#2	2270.0	34699.	1622.1	37.391	2306.9
#3	2275.2	34735.	1608.6	38.260	2308.4

Sample Name: K3158-06A Acquired: 6/21/2019 19:07:55 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76829	1.8605	.99942	2.0337	.76805	1.9321	.26544	.20973	.19412
Stddev	.00543	.0046	.00233	.0052	.00383	.0200	.00335	.00040	.00015
%RSD	.70657	.25010	.23306	.25663	.49929	1.0371	1.2639	.19088	.07674

#1	.76358	1.8565	.99682	2.0335	.77095	1.9122	.26177	.20950	.19422
#2	.77423	1.8593	1.0001	2.0390	.76949	1.9318	.26621	.21019	.19395
#3	.76706	1.8656	1.0013	2.0286	.76370	1.9523	.26834	.20951	.19419

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.838	.41582	.20987	.29265	3.3431	.49457	3.6278	.49183	.06929
Stddev	.067	.00150	.00010	.00089	.0054	.00179	.1418	.00141	.00010
%RSD	.35535	.36058	.04929	.30349	.16090	.36132	3.9086	.28749	.14526

#1	18.895	.41423	.20976	.29252	3.3371	.49553	3.4954	.49142	.06940
#2	18.764	.41604	.20989	.29359	3.3475	.49568	3.7774	.49067	.06924
#3	18.853	.41720	.20996	.29183	3.3447	.49251	3.6105	.49340	.06921

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	263.05	.32537	.32778	10.583	.39307	.24902	.36393	1.3029	.68273
Stddev	3.59	.00119	.00037	.115	.00019	.00509	.00411	.0120	.00238
%RSD	1.3666	.36626	.11331	1.0913	.04877	2.0456	1.1302	.92126	.34924

#1	266.49	.32673	.32791	10.450	.39329	.24455	.36867	1.3102	.68286
#2	263.35	.32488	.32736	10.661	.39292	.25456	.36177	1.3094	.68029
#3	259.32	.32451	.32807	10.638	.39302	.24793	.36134	1.2890	.68505

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20099	.17049	6.475	.29975	8.8478	1.5750
Stddev	.00125	.00317	.025	.00101	.0899	.3594
%RSD	.62110	1.8587	.3854	.33533	1.0164	22.819

#1	.19957	.17263	6.500	.30084	8.8274	1.2252
#2	.20146	.17198	6.450	.29886	8.7698	1.5563
#3	.20193	.16685	6.474	.29954	8.9462	1.9433

Sample Name: K3158-06A Acquired: 6/21/2019 19:07:55 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.3	34710.	1606.7	38.895	2310.1
Stddev	7.7	19.	23.8	.604	12.0
%RSD	.34047	.05603	1.4804	1.5533	.51739
#1	2269.3	34703.	1579.9	38.286	2302.5
#2	2284.1	34732.	1615.3	39.494	2323.9
#3	2272.6	34694.	1625.1	38.904	2304.0

Sample Name: K3470-04 Acquired: 6/21/2019 19:12:04 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	.00234	-.00199	.01460	.00051	-.00344	.14982	.19831	.00017
Stddev	.00219	.00084	.00098	.00546	.00180	.00972	.00124	.00011
%RSD	93.462	42.068	6.7456	1065.3	52.156	6.4897	.62544	62.700

#1	.00168	-.00289	.01450	.00219	-.00149	.14096	.19762	.00014
#2	.00056	-.00123	.01563	.00494	-.00380	.16022	.19756	.00008
#3	.00479	-.00185	.01366	-.00559	-.00503	.14827	.19974	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	16.036	.00102	.00200	.00665	1.6140	.92851	1.3480
Stddev	.00009	.050	.00005	.00028	.00010	.0071	.00446	.0330
%RSD	40.985	.31024	4.9245	14.098	1.4626	.44120	.48041	2.4497

#1	.00030	16.062	.00107	.00233	.00669	1.6099	.93098	1.3220
#2	.00012	16.068	.00099	.00183	.00672	1.6098	.92337	1.3852
#3	.00027	15.979	.00098	.00184	.00654	1.6222	.93120	1.3369

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00037	247.46	-.00122	.04240	1.2761	-.00022	.00026
Stddev	.00040	.00027	1.17	.00027	.00004	.0466	.00016	.01135
%RSD	258.03	72.186	.47442	22.099	.09070	3.6488	69.920	4361.2

#1	-.00039	-.00020	248.18	-.00153	.04243	1.2225	-.00027	.01094
#2	.00031	-.00023	246.11	-.00110	.04241	1.3068	-.00035	-.01166
#3	-.00038	-.00069	248.10	-.00103	.04236	1.2990	-.00005	.00150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42498	.73835	-.00243	.00595	-.01399	-.0005	.07017	8.3764
Stddev	.00593	.00895	.00045	.00093	.00266	.0013	.00067	.0558
%RSD	1.3950	1.2122	18.638	15.698	19.042	284.7	.95223	.66628

#1	.42464	.74679	-.00236	.00554	-.01578	-.0019	.07047	8.3446
#2	.43107	.73930	-.00291	.00530	-.01526	.0006	.07063	8.3438
#3	.41922	.72896	-.00201	.00702	-.01093	-.0000	.06940	8.4408

Sample Name: K3470-04 Acquired: 6/21/2019 19:12:04 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7098
 Stddev .8940
 %RSD 52.283

#1 .83131
 #2 1.6798
 #3 2.6185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.6	34857.	1618.7	40.215	2327.6
Stddev	2.6	73.	18.3	.728	6.5
%RSD	.11570	.20978	1.1333	1.8110	.27722

#1	2268.1	34798.	1604.2	39.441	2326.6
#2	2268.2	34939.	1612.5	40.317	2321.7
#3	2272.7	34836.	1639.3	40.887	2334.5

Sample Name: K3470-08 Acquired: 6/21/2019 19:16:29 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-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	-.00040	-.00142	.00759	-.00264	-.00241	.05808	.11225	.00003
Stddev	.00160	.00131	.00156	.00258	.00014	.01387	.00151	.00009
%RSD	404.66	92.143	20.496	97.577	5.9773	23.884	1.3432	339.53

#1	.00081	-.00161	.00590	-.00352	-.00227	.05522	.11272	.00012
#2	.00022	-.00263	.00896	-.00467	-.00240	.04586	.11056	-.00004
#3	-.00222	-.00003	.00791	.00026	-.00256	.07316	.11347	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	5.3495	.00014	.00358	.00696	.02738	.95298	1.4881
Stddev	.00011	.0185	.00014	.00024	.00033	.00052	.00382	.0495
%RSD	64.042	.34628	103.32	6.6350	4.7498	1.8813	.40097	3.3278

#1	.00012	5.3415	.00006	.00330	.00708	.02732	.95194	1.5075
#2	.00010	5.3363	.00005	.00369	.00721	.02793	.95721	1.4318
#3	.00029	5.3707	.00030	.00374	.00658	.02691	.94978	1.5250

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00090	243.01	-.00198	.02440	.97563	-.00046	-.01770
Stddev	.00025	.00036	1.28	.00029	.00035	.01892	.00025	.01975
%RSD	22.891	39.979	.52607	14.554	1.4246	1.9398	53.370	111.56

#1	.00139	-.00056	241.58	-.00210	.02405	.95688	-.00020	-.02581
#2	.00105	-.00128	244.06	-.00165	.02475	.97527	-.00068	-.03210
#3	.00090	-.00086	243.38	-.00218	.02441	.99473	-.00051	.00481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32397	.26334	-.00298	.00370	-.01619	.0020	.02423	8.2540
Stddev	.00876	.00530	.00114	.00105	.00367	.0021	.00030	.0861
%RSD	2.7027	2.0145	38.227	28.361	22.648	107.1	1.2348	1.0428

#1	.31454	.26932	-.00170	.00477	-.01542	-.0000	.02448	8.1675
#2	.33184	.26148	-.00336	.00267	-.02017	.0042	.02390	8.2547
#3	.32553	.25921	-.00387	.00366	-.01296	.0018	.02431	8.3397

Sample Name: K3470-08 Acquired: 6/21/2019 19:16:29 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1383
 Stddev .5585
 %RSD 49.065

#1 1.6854
 #2 .56904
 #3 1.1604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.6	35296.	1633.8	38.074	2372.9
Stddev	19.7	114.	9.9	.179	19.8
%RSD	.85585	.32413	.60570	.46913	.83399

#1	2325.5	35282.	1622.6	38.006	2394.6
#2	2287.2	35189.	1637.9	37.940	2355.8
#3	2298.2	35417.	1641.1	38.277	2368.4

Sample Name: K3470-12 Acquired: 6/21/2019 19:20:56 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00136	-.00084	.00908	.00057	-.00197	.13648	.13841	-.00002
Stddev	.00284	.00082	.00137	.00197	.00235	.02032	.00015	.00008
%RSD	209.08	98.231	15.129	343.65	119.13	14.886	.10484	408.65

#1	-.00245	-.00011	.00860	.00165	.00074	.13451	.13853	-.00008
#2	.00187	-.00173	.00802	.00177	-.00320	.11721	.13825	-.00004
#3	-.00349	-.00067	.01063	-.00170	-.00346	.15770	.13846	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	8.3406	.00026	.00116	.00703	.09294	.50426	1.9690
Stddev	.00010	.0123	.00066	.00016	.00035	.00100	.00210	.0239
%RSD	93.344	.14772	251.04	14.159	5.0271	1.0796	.41668	1.2155

#1	.00007	8.3310	.00030	.00099	.00743	.09402	.50482	1.9549
#2	.00003	8.3545	.00091	.00131	.00675	.09205	.50193	1.9556
#3	.00022	8.3363	-.00042	.00118	.00692	.09275	.50602	1.9967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00119	297.99	-.00089	.03562	.99858	-.00033	-.01598
Stddev	.00040	.00009	1.29	.00028	.00022	.01375	.00006	.01363
%RSD	141.49	7.8334	.43120	31.027	.61251	1.3765	19.506	85.270

#1	.00010	-.00110	297.34	-.00106	.03537	1.0014	-.00036	-.03134
#2	-.00071	-.00129	299.47	-.00105	.03570	.98366	-.00026	-.00536
#3	-.00025	-.00118	297.17	-.00057	.03578	1.0107	-.00038	-.01124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29777	.54277	-.00244	.00800	-.01772	.0133	.03787	8.3132
Stddev	.00686	.01319	.00076	.00236	.00172	.0025	.00014	.1514
%RSD	2.3050	2.4300	31.285	29.527	9.6952	18.78	.36996	1.8216

#1	.30568	.55711	-.00161	.01073	-.01670	.0104	.03798	8.3109
#2	.29342	.54004	-.00311	.00648	-.01676	.0146	.03791	8.4658
#3	.29420	.53116	-.00261	.00680	-.01970	.0148	.03771	8.1630

Sample Name: K3470-12 Acquired: 6/21/2019 19:20:56 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9499
 Stddev .4030
 %RSD 20.668

#1 1.8204
 #2 1.6275
 #3 2.4017

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.3	34904.	1626.1	38.633	2339.2
Stddev	4.1	33.	8.3	.910	7.7
%RSD	.18125	.09412	.50940	2.3560	.33063

#1	2278.5	34928.	1618.4	37.597	2336.9
#2	2286.7	34918.	1625.1	39.305	2347.8
#3	2281.6	34867.	1634.9	38.997	2332.8

Sample Name: CCV06 Acquired: 6/21/2019 19:25:23 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15161 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7850	4.8185	4.9310	4.9682	4.8398	F 8.6413	9.3971	.25291
Stddev	.0161	.0047	.0091	.0228	.0129	.0177	.0951	.00013
%RSD	.33677	.09718	.18408	.45992	.26581	.20434	1.0118	.04960
#1	4.7974	4.8223	4.9300	4.9780	4.8351	8.6617	9.4788	.25301
#2	4.7668	4.8199	4.9225	4.9421	4.8298	8.6310	9.2927	.25277
#3	4.7909	4.8132	4.9405	4.9845	4.8543	8.6311	9.4199	.25296
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3869	25.603	.97590	2.4834	1.1901	4.8452	F 2.1861	23.792
Stddev	.0039	1.740	.00090	.0048	.0025	.0041	.0052	.054
%RSD	.16444	6.7971	.09231	.19190	.20695	.08489	.23552	.22863
#1	2.3879	27.501	.97487	2.4834	1.1911	4.8425	2.1821	23.843
#2	2.3825	24.083	.97648	2.4787	1.1873	4.8433	2.1842	23.735
#3	2.3902	25.226	.97636	2.4882	1.1919	4.8500	2.1919	23.800
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3772	1.1768	F 29.826	2.4916	2.4641	F 21.165	4.7483	F 4.1758
Stddev	.0056	.0017	.237	.0008	.0045	.152	.0034	.0223
%RSD	.23480	.14329	.79587	.03248	.18241	.71899	.07045	.53452
#1	2.3790	1.1785	29.975	2.4910	2.4660	21.332	4.7474	4.1561
#2	2.3710	1.1767	29.552	2.4912	2.4590	21.034	4.7454	4.1713
#3	2.3817	1.1751	29.951	2.4925	2.4674	21.130	4.7520	4.2001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2311	4.7413	4.7916	4.8877	F 4.2962	5.209	5.3518	F 8.1665
Stddev	.0083	.2881	.0131	.3152	.3152	.001	.3862	.0244
%RSD	.15797	6.0770	.27372	6.4497	7.3370	.0169	7.2172	.29827
#1	5.2403	5.0509	4.7824	5.2307	4.6364	5.209	5.7712	8.1939
#2	5.2243	4.4810	4.7858	4.6107	4.0141	5.210	5.0108	8.1583
#3	5.2286	4.6919	4.8066	4.8216	4.2380	5.209	5.2733	8.1472

Sample Name: CCV06 Acquired: 6/21/2019 19:25:23 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15161 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6546
Stddev	.1512
%RSD	4.1358

#1	3.5642
#2	3.8291
#3	3.5705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.6	36440.	1635.1	38.873	2350.7
Stddev	5.1	67.	98.5	2.122	6.3
%RSD	.21613	.18329	6.0259	5.4591	.26766

#1	2347.9	36511.	1528.2	36.431	2350.6
#2	2350.9	36430.	1722.3	40.268	2357.0
#3	2341.0	36379.	1654.7	39.920	2344.4

Sample Name: CCB06 Acquired: 6/21/2019 19:29:21 Type: Unk
Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15161 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	.00041	F .00328	.00013	-.00286	-.01224	.00292
Stddev	.00246	.00107	.00102	.00055	.00185	.02029	.00063
%RSD	119.21	263.63	31.090	426.83	64.691	165.71	21.709

#1	-.00049	.00127	.00212	-.00035	-.00127	.00195	.00327
#2	-.00080	-.00079	.00368	.00073	-.00489	-.03548	.00331
#3	-.00489	.00075	.00404	.00001	-.00242	-.00319	.00219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00001	-.01150	.00035	-.00007	-.00098	.00209
Stddev	.00004	.00004	.01755	.00012	.00020	.00024	.00076
%RSD	85.122	464.79	152.65	33.516	274.55	24.324	36.463

#1	.00008	.00000	-.02165	.00049	.00015	-.00087	.00281
#2	.00000	.00002	.00877	.00026	-.00022	-.00082	.00216
#3	.00008	-.00005	-.02162	.00030	-.00014	-.00126	.00129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02192	-.00050	-.00103	F 7.9579	.00043	-.00014
Stddev	.00003	.00734	.00022	.00049	.4183	.00027	.00010
%RSD	41.001	33.501	42.897	47.233	5.2569	62.528	73.213

#1	-.00006	-.02869	-.00026	-.00062	7.5344	.00071	-.00025
#2	-.00005	-.02295	-.00058	-.00091	8.3708	.00017	-.00006
#3	-.00010	-.01411	-.00067	-.00157	7.9686	.00042	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .64111	.00059	-.02164	F .17512	.00138	-.00112	.00234
Stddev	.10367	.00028	.00372	.00243	.00278	.00058	.00124
%RSD	16.171	47.217	17.171	1.3902	201.89	52.068	52.842

#1	.67834	.00061	-.01750	.17702	.00368	-.00135	.00207
#2	.52396	.00087	-.02469	.17597	.00216	-.00046	.00370
#3	.72103	.00031	-.02273	.17237	-.00171	-.00155	.00127

Sample Name: CCB06 Acquired: 6/21/2019 19:29:21 Type: Unk
 Method: P4-ICP2(v3224) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15161 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01554	-.0036	.00072	F 7.5325	F 1.3095
Stddev	.00082	.0006	.00017	.5948	.1491
%RSD	5.3003	16.84	24.085	7.8968	11.383
#1	-.01647	-.0042	.00092	6.9316	1.2099
#2	-.01525	-.0030	.00060	8.1211	1.2378
#3	-.01490	-.0035	.00064	7.5449	1.4809
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.8	36678.	1668.4	39.942	2732.9
Stddev	16.6	1291.	2.6	.472	17.0
%RSD	.67760	3.5204	.15559	1.1805	.62335
#1	2465.8	37875.	1668.4	39.570	2752.5
#2	2439.2	35309.	1671.0	39.784	2724.7
#3	2435.4	36851.	1665.8	40.473	2721.4