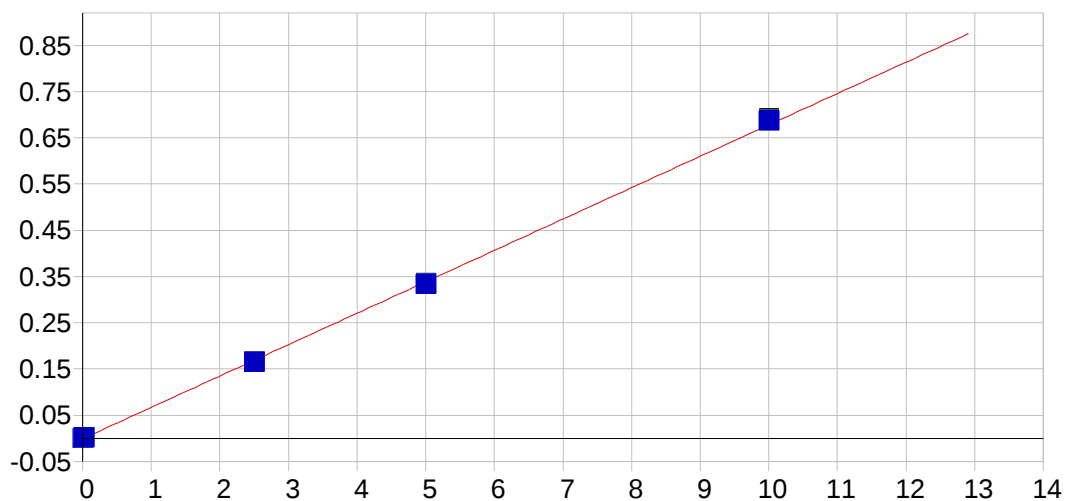


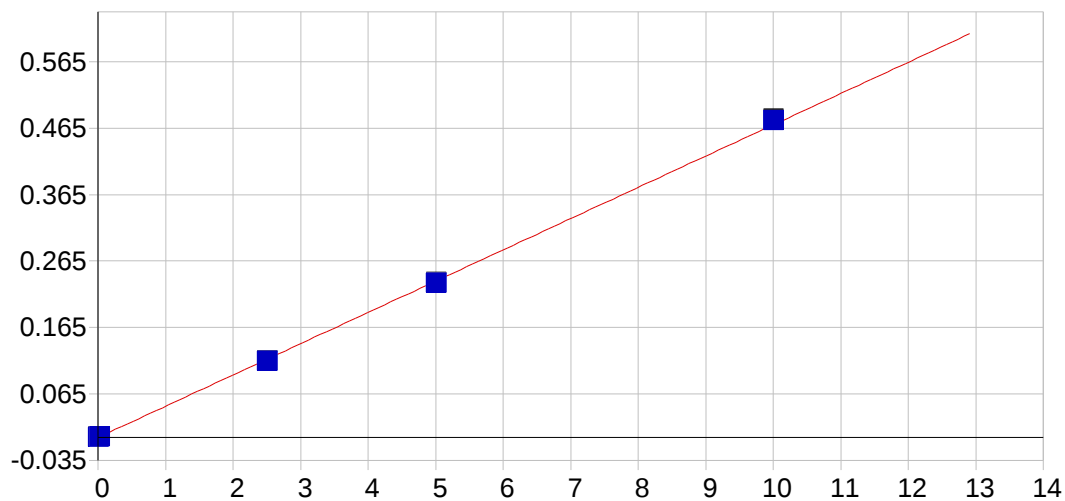


As 189.042 {478}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000541 Re-Slope: 1.000000
 A1 (Gain): 0.067828 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002988
 Predicted MQL: 0.009960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00054	.000	1
S1	.02000	.02273	.003	13.6	.00100	.000	1
S3	2.5000	2.4328	-.067	-2.69	.16446	.000	1
S4	5.0000	4.9314	-.069	-1.37	.33393	.001	1
S5	10.000	10.133	.133	1.33	.68672	.003	1



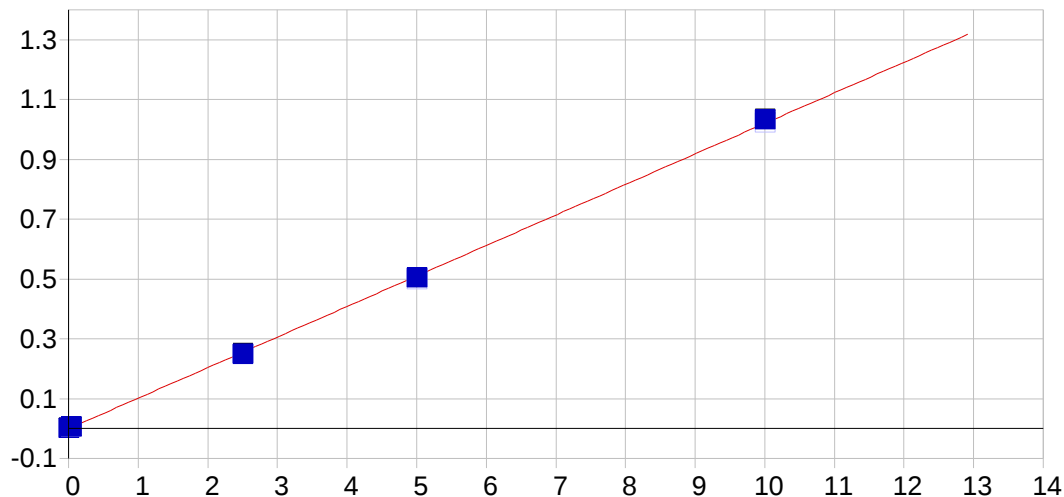
As 189.042 {479}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000485 Re-Slope: 1.000000

A1 (Gain): 0.047045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002821
 Predicted MQL: 0.009403

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02000	.02387	.004	19.3	.00064	.000	1
S3	2.5000	2.4358	-.064	-2.57	.11411	.000	1
S4	5.0000	4.9319	-.068	-1.36	.23154	.001	1
S5	10.000	10.128	.128	1.28	.47601	.002	1

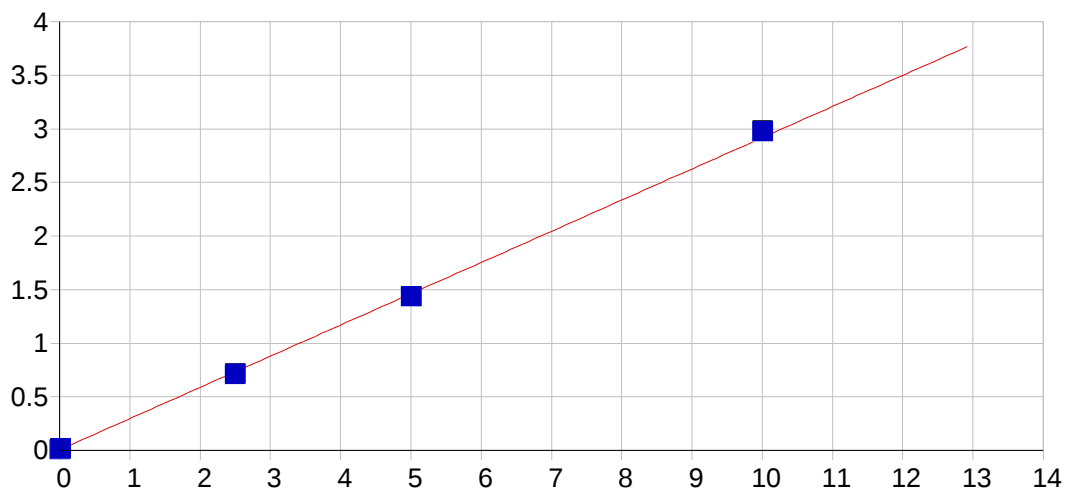


TI 190.856 {477}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000406 Re-Slope: 1.000000
 A1 (Gain): 0.102076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001614
 Predicted MQL: 0.005379

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00041	.000	1
S1	.04000	.04949	.009	23.7	.00454	.000	1
S3	2.5000	2.4474	-.053	-2.11	.24679	.001	1
S4	5.0000	4.9328	-.067	-1.34	.49788	.000	1
S5	10.000	10.110	.110	1.10	1.0212	.002	1

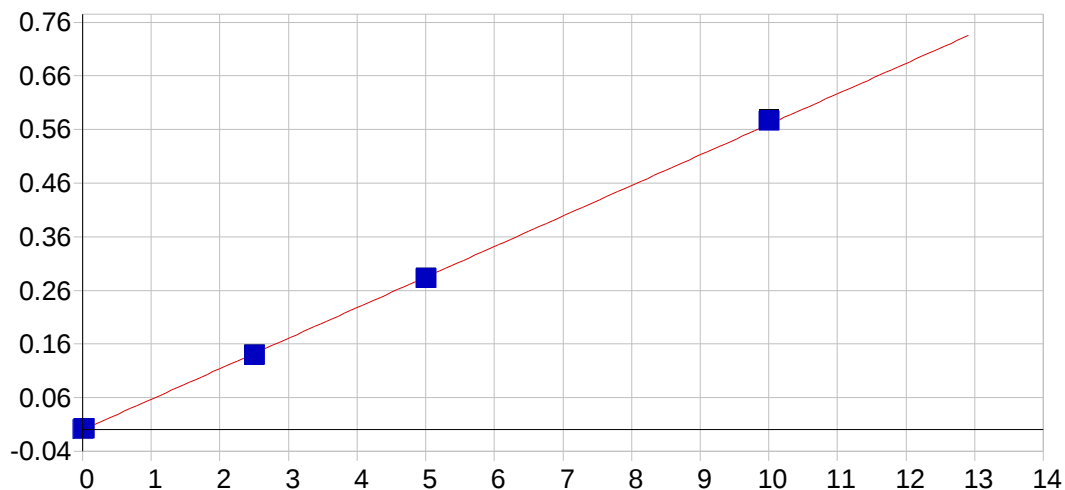


Pb 220.353 (453)

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005639 Re-Slope: 1.000000
 A1 (Gain): 0.291114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999729 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000971
 Predicted MQL: 0.003236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00564	.000	1
S1	.01200	.01550	.003	29.2	.01009	.000	1
S3	2.5000	2.4115	-.089	-3.54	.70673	.002	1
S4	5.0000	4.9015	-.099	-1.97	1.4307	.000	1
S5	10.000	10.184	.184	1.84	2.9666	.009	1



Se 196.090 (472)

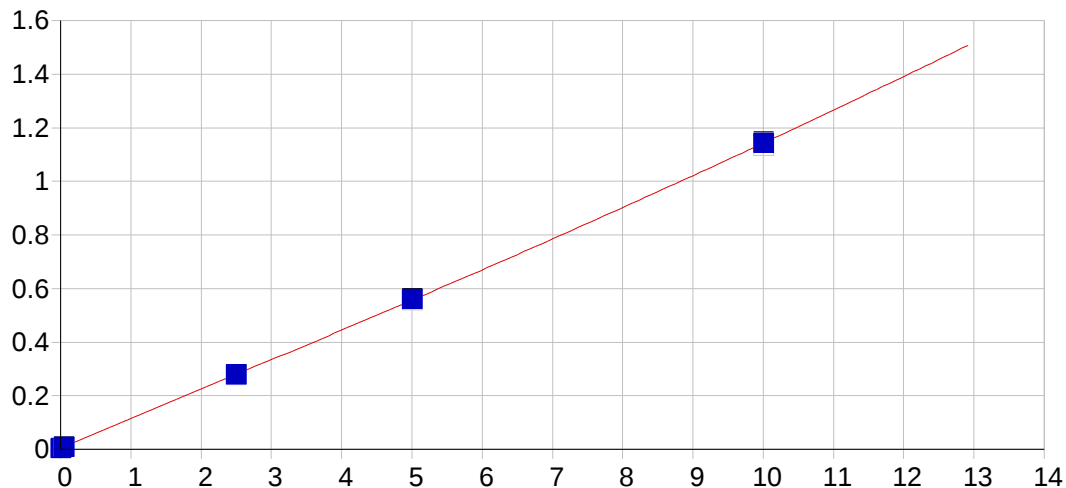
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.056939 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.000018
 Predicted MDL: 0.003317
 Predicted MQL: 0.011056

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.02000	.02130	.001	6.51	.00129	.000	1
S3	2.5000	2.4425	-.058	-2.30	.13913	.000	1
S4	5.0000	4.9488	-.051	-1.02	.28182	.001	1
S5	10.000	10.107	.107	1.07	.57552	.002	1



Sb 206.833 {463}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Full Fit

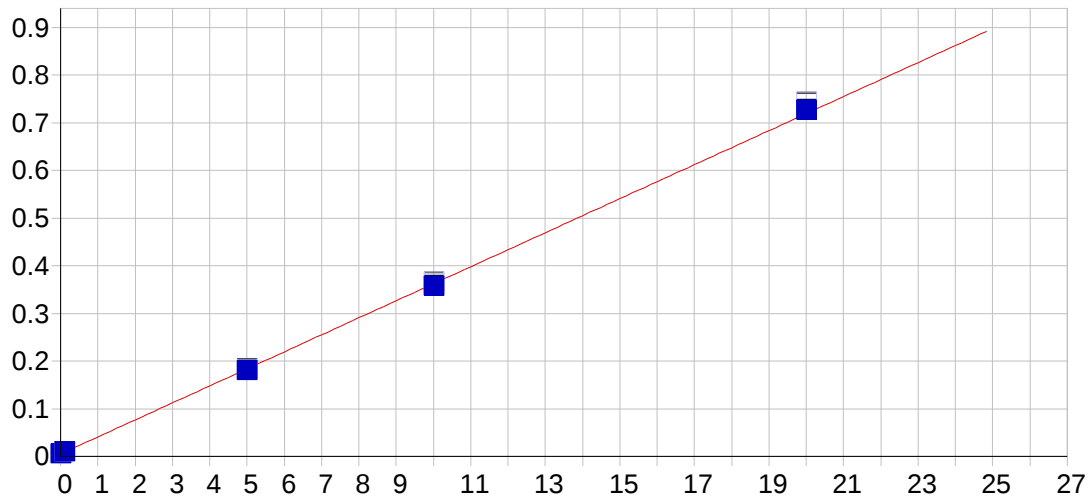
Weighting: 1/Conc

A0 (Offset): 0.001233
 A1 (Gain): 0.112692
 A2 (Curvature): 0.002104
 n (Exponent): 0.940000
 Correlation: 0.999990
 Std Error of Est: 0.000032
 Predicted MDL: 0.002038
 Predicted MQL: 0.006794

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00123	.000	1
S1	.05000	.05043	.000	.864	.00790	.000	1
S3	2.5000	2.4802	-.020	-.793	.27434	.000	1
S4	5.0000	5.0292	.029	.583	.55313	.001	1
S5	10.000	9.9906	-.009	-.094	1.1285	.006	1

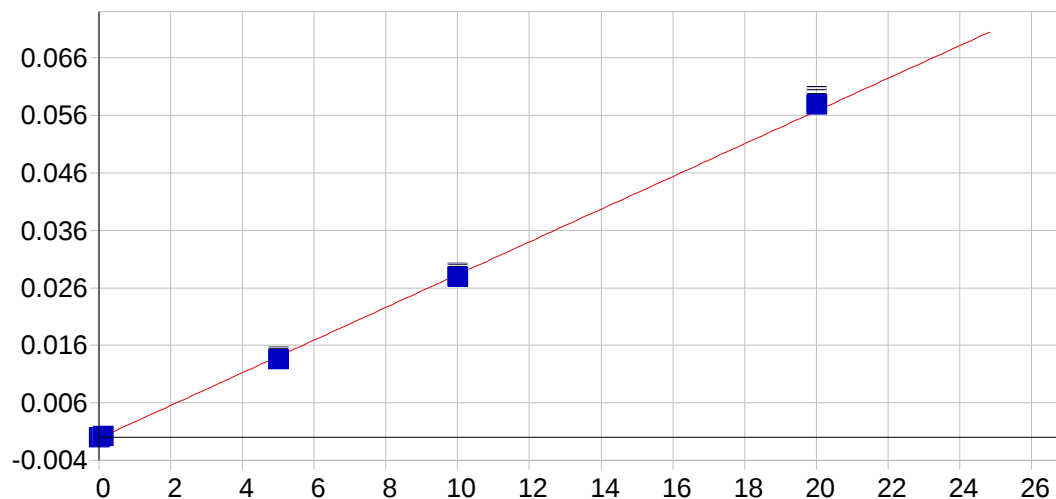


AI 308.215 {109}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005083 Re-Slope: 1.000000
 A1 (Gain): 0.035711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.003211
 Predicted MQL: 0.010704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00508	.000	1
S1	.10000	.12321	.023	23.2	.00973	.000	1
S3	5.0000	4.8886	-.111	-2.23	.18321	.000	1
S4	10.000	9.8715	-.128	-1.28	.36471	.001	1
S5	20.000	20.216	.216	1.08	.74122	.001	1



AI 309.271 {109}

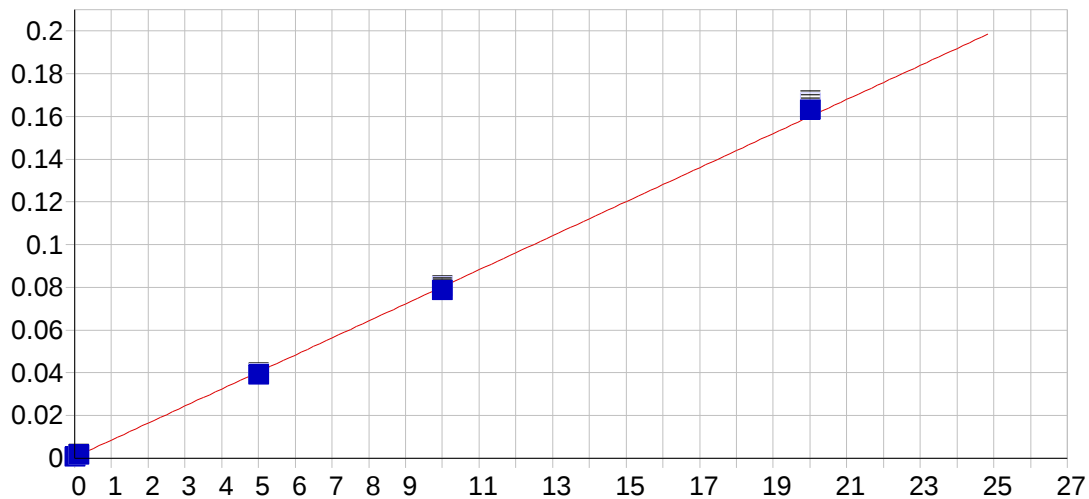
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.002845 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999697
 Std Error of Est: 0.000005
 Predicted MDL: 0.027770
 Predicted MQL: 0.092567

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00016	.000	1
S1	.10000	.07754	-.022	-22.5	.00008	.000	1
S3	5.0000	4.8078	-.192	-3.84	.01381	.000	1
S4	10.000	9.8388	-.161	-1.61	.02841	.000	1
S5	20.000	20.377	.377	1.88	.05896	.000	1

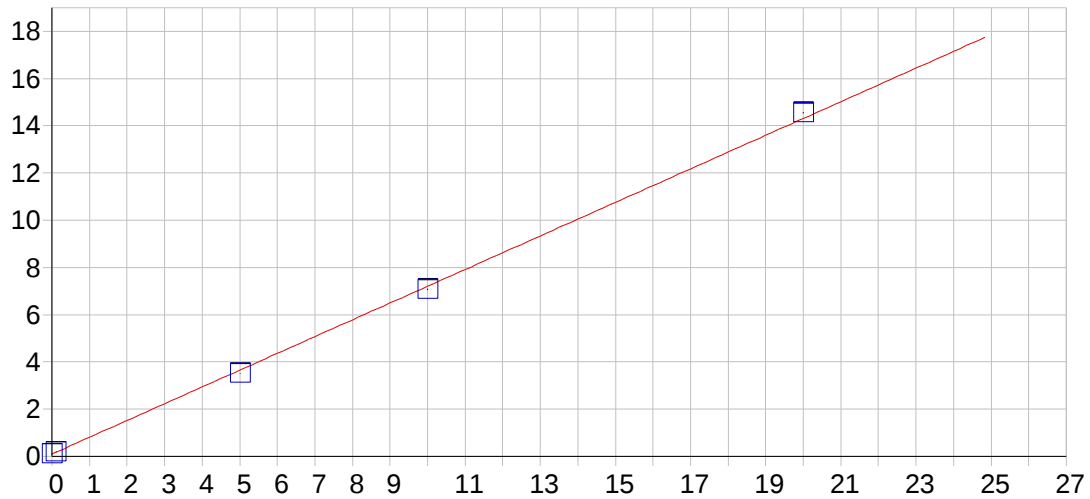


AI 396.152 { 85}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000546 Re-Slope: 1.000000
 A1 (Gain): 0.007971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999620 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.015371
 Predicted MQL: 0.051236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00055	.000	1
S1	.10000	.12864	.029	28.6	.00163	.000	1
S3	5.0000	4.8006	-.199	-3.99	.03961	.000	1
S4	10.000	9.7901	-.210	-2.10	.08017	.000	1
S5	20.000	20.379	.379	1.90	.16617	.001	1

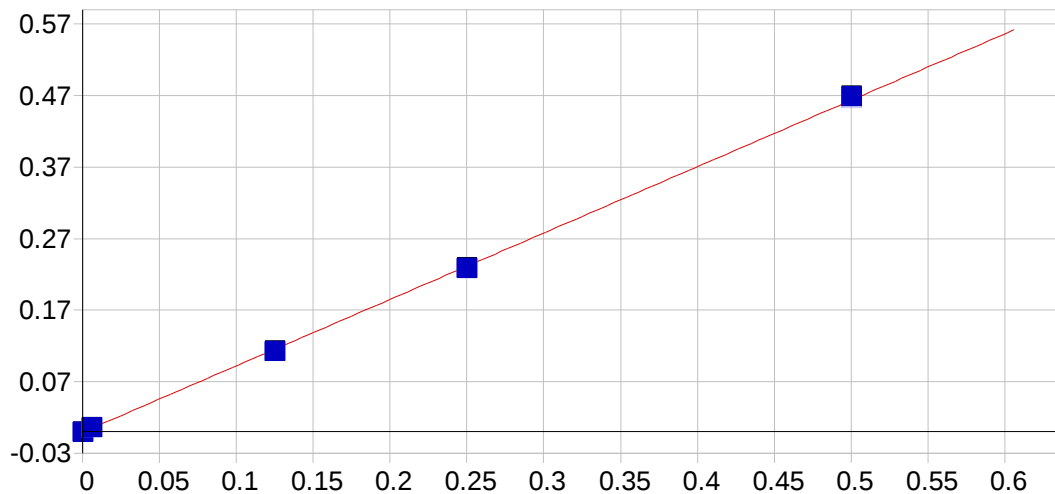


Ba 493.409 { 68}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.099439 Re-Slope: 1.000000
 A1 (Gain): 0.710571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.001227
 Predicted MDL: 0.004161
 Predicted MQL: 0.013869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09943	.003	1
S1	.10000	.11616	.016	16.2	.18198	.001	1
S3	5.0000	4.8153	-.185	-3.69	3.5211	.014	1
S5	20.000	20.336	.336	1.68	14.550	.025	1
S4	10.000	9.8322	-.168	-1.68	7.0859	.027	1



Be 234.861 {144}

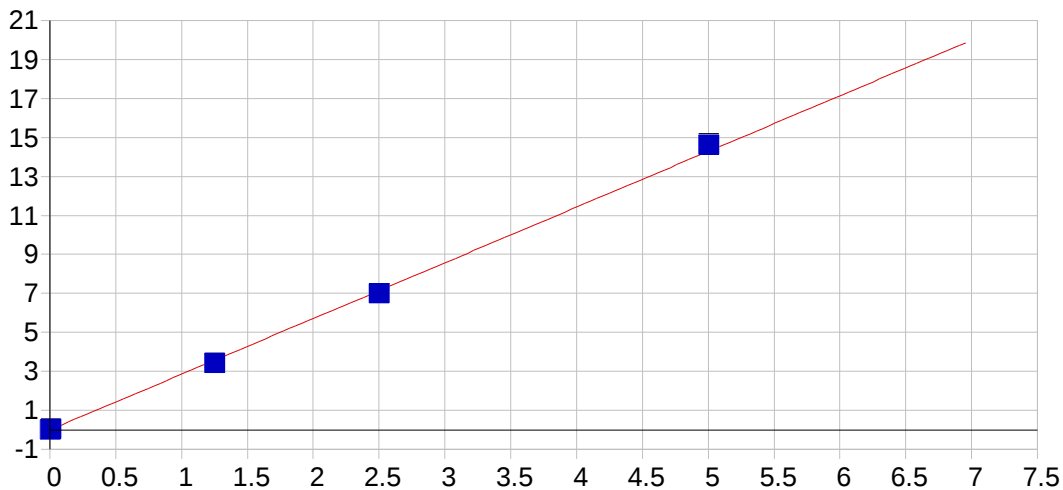
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000522 Re-Slope: 1.000000
 A1 (Gain): 0.928295 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000051
 Predicted MDL: 0.000083
 Predicted MQL: 0.000277

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.00600	.00692	.001	15.3	.00584	.000	1
S3	.12500	.12193	-.003	-2.45	.11194	.000	1
S4	.25000	.24704	-.003	-1.19	.22734	.000	1
S5	.50000	.50512	.005	1.02	.46545	.001	1



Cd 226.502 {449}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

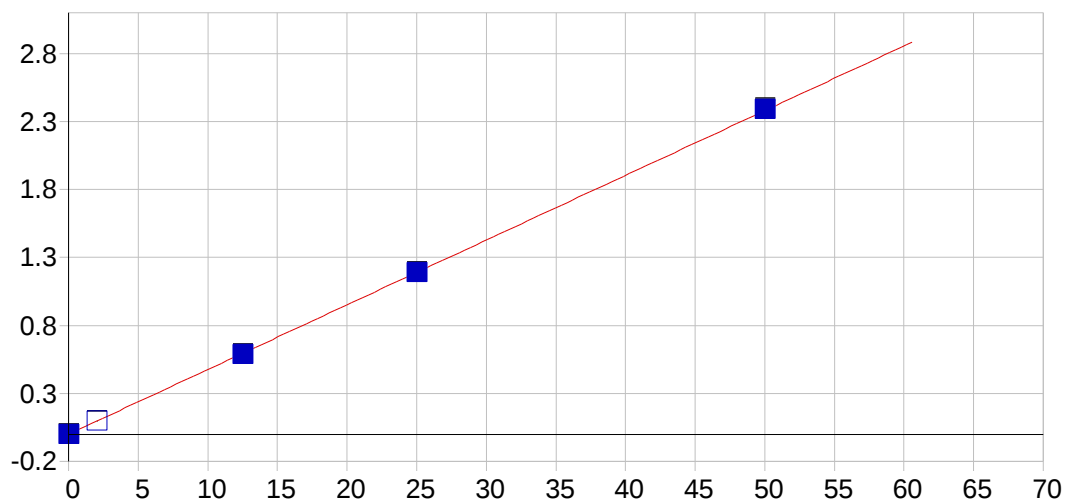
Weighting: 1/Conc

A0 (Offset): -0.004104
 A1 (Gain): 2.857359
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608
 Std Error of Est: 0.000749
 Predicted MDL: 0.000105
 Predicted MQL: 0.000351

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	-.00410	.000	1
S1	.00600	.00635	.000	5.90	.01408	.000	1
S3	1.2500	1.1878	-.062	-4.98	3.3906	.009	1
S4	2.5000	2.4471	-.053	-2.12	6.9898	.002	1
S5	5.0000	5.1148	.115	2.30	14.614	.039	1

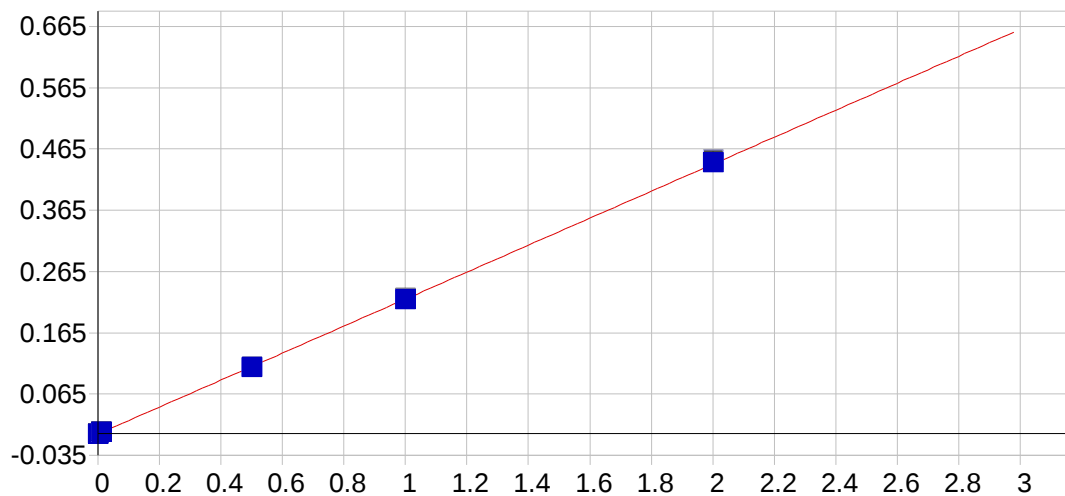


Ca 373.690 { 90}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.047595 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.019162
 Predicted MQL: 0.063875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0522	.052	2.61	.09758	.001	1
S0	.00000	-.00003	-.000	.000	-.00010	.001	1
S3	12.500	12.352	-.148	-1.19	.58810	.003	1
S4	25.000	24.942	-.058	-.230	1.1877	.006	1
S5	50.000	50.154	.154	.307	2.3883	.008	1



Cr 267.716 {126}

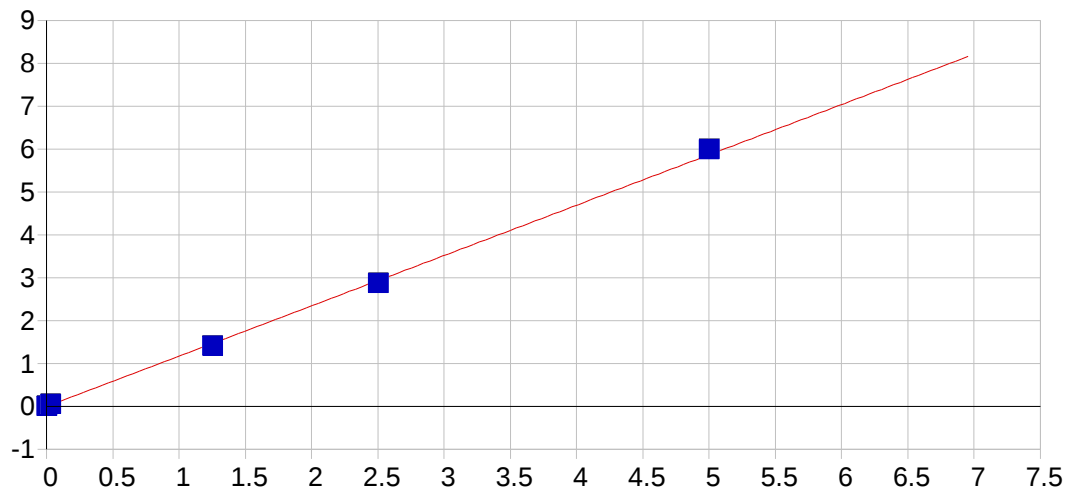
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000292 Re-Slope: 1.000000
 A1 (Gain): 0.220227 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000021
 Predicted MDL: 0.000462
 Predicted MQL: 0.001539

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.01000	.01180	.002	18.0	.00232	.000	1
S3	.50000	.49261	-.007	-1.48	.10906	.000	1
S4	1.0000	.99403	-.006	-.597	.22035	.000	1
S5	2.0000	2.0116	.012	.578	.44617	.000	1



Co 228.616 {447}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

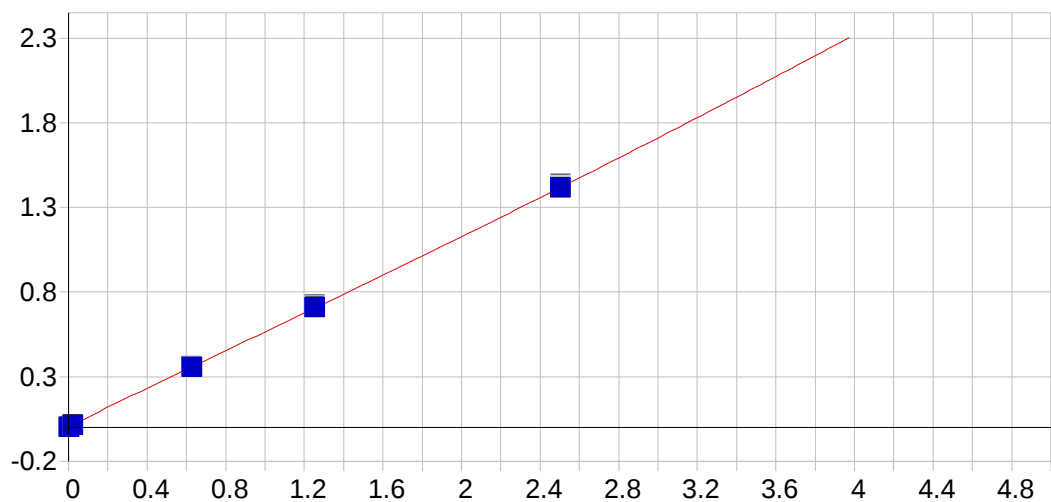
Weighting: 1/Conc

A0 (Offset): -0.001103
 A1 (Gain): 1.173586
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599
 Std Error of Est: 0.000696
 Predicted MDL: 0.000233
 Predicted MQL: 0.000778

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	-.00111	.000	1
S1	.03000	.03607	.006	20.2	.04099	.000	1
S3	1.2500	1.1946	-.055	-4.43	1.4020	.002	1
S4	2.5000	2.4453	-.055	-2.19	2.8710	.002	1
S5	5.0000	5.1041	.104	2.08	5.9936	.011	1

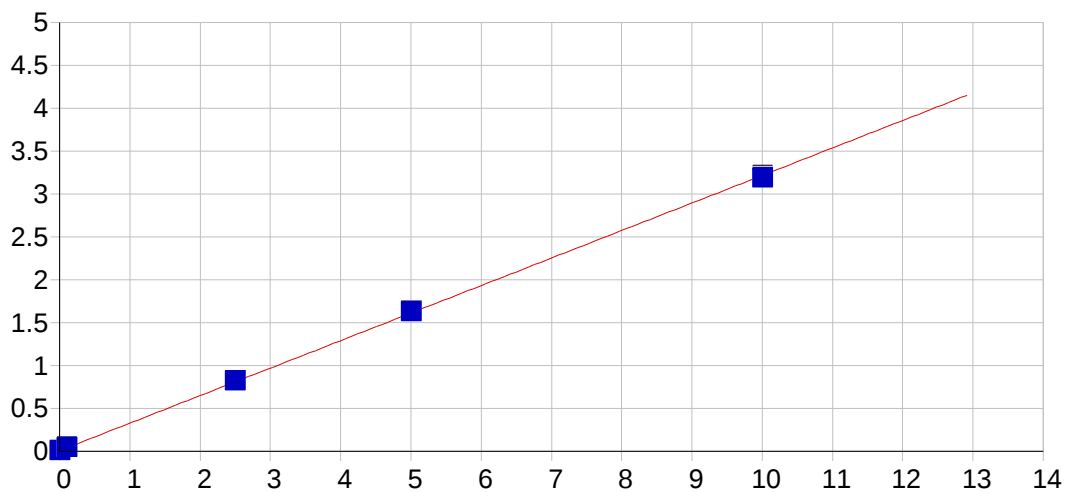


Cu 224.700 {450}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000727 Re-Slope: 1.000000
 A1 (Gain): 0.541304 Y-int: 0.000000
 A2 (Curvature): 0.024204
 n (Exponent): 0.940000
 Correlation: 0.999991 Status: Warning Positive Curvature
 Std Error of Est: 0.000051
 Predicted MDL: 0.000596
 Predicted MQL: 0.001986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00073	.000	1
S1	.02000	.02010	.000	.499	.01321	.000	1
S3	.62500	.62010	-.005	-.784	.36002	.000	1
S4	1.2500	1.2574	.007	.593	.71879	.002	1
S5	2.5000	2.4975	-.002	-.099	1.4361	.002	1



Fe 240.488 {140}

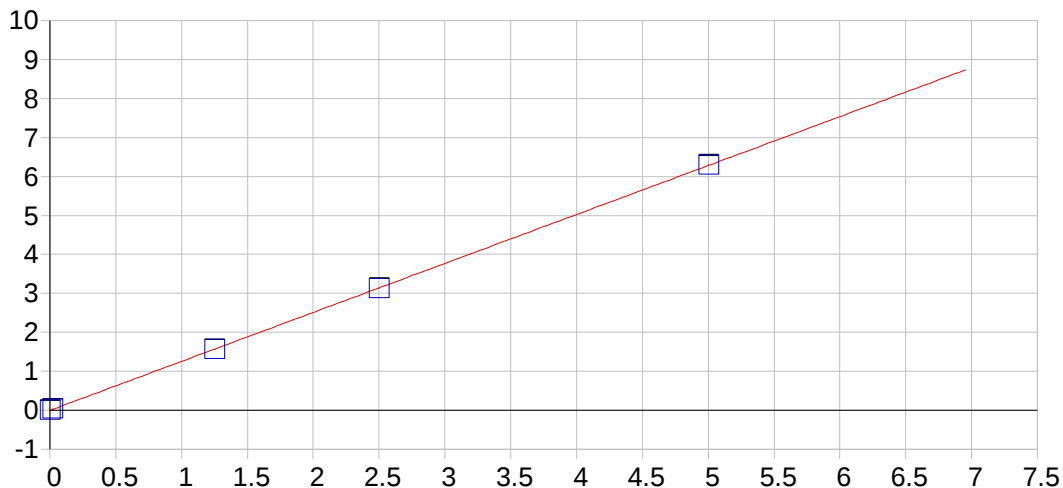
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007277 Re-Slope: 1.000000
 A1 (Gain): 0.320897 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781
 Std Error of Est: 0.000365
 Predicted MDL: 0.001712
 Predicted MQL: 0.005706

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00727	.000	1
S1	.10000	.12511	.025	25.1	.04758	.001	1
S3	2.5000	2.5256	.026	1.02	.82073	.003	1
S4	5.0000	5.0412	.041	.824	1.6310	.006	1
S5	10.000	9.9081	-.092	-.919	3.1987	.017	1



Mn 257.610 {131}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

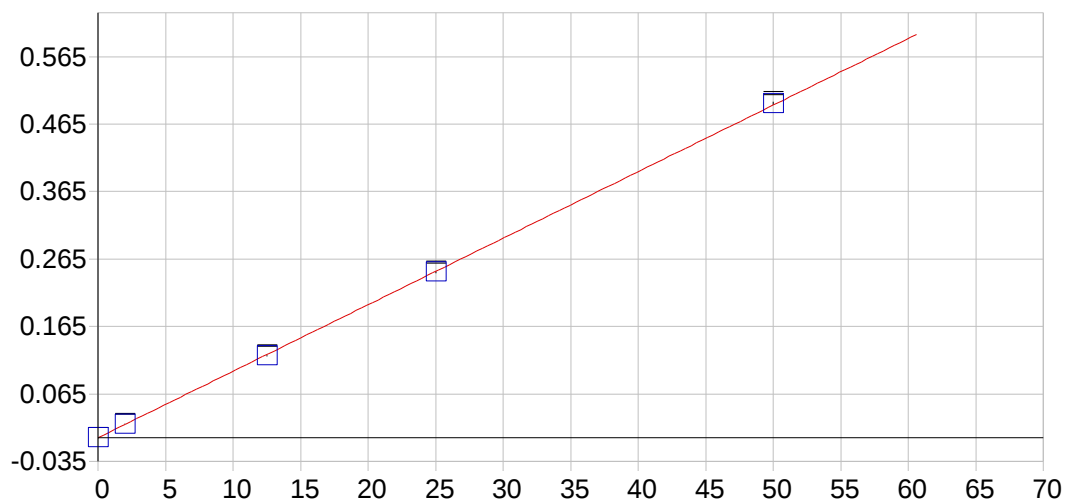
Weighting: 1/Conc

A0 (Offset): 0.000016
 A1 (Gain): 1.255928
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000256
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

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	.02000	.02486	.005	24.3	.03124	.000	1
S3	1.2500	1.2453	-.005	-.379	1.5640	.003	1
S4	2.5000	2.4908	-.009	-.368	3.1283	.004	1
S5	5.0000	5.0091	.009	.182	6.2911	.011	1

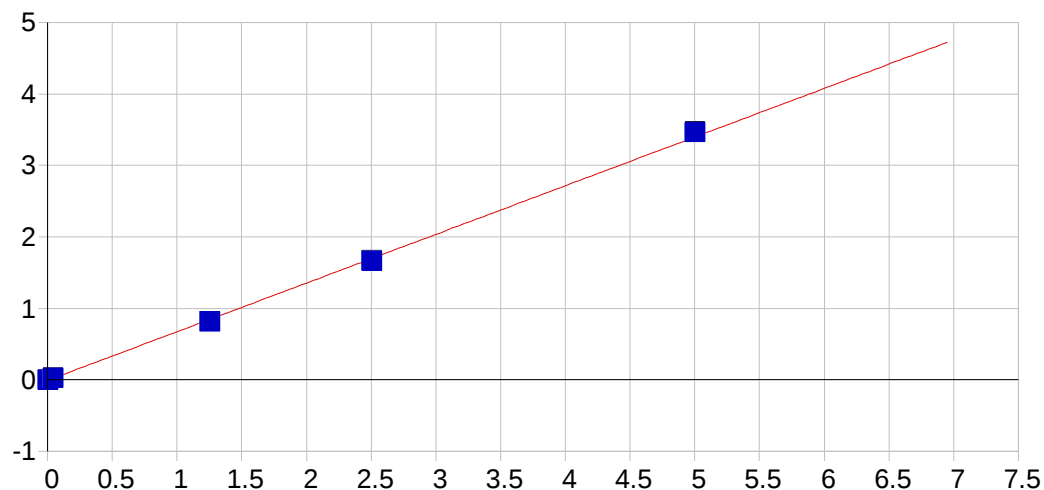


Mg 279.079 {121}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.009860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.044491
 Predicted MQL: 0.148305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0433	.043	2.17	.02017	.001	1
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S3	12.500	12.306	-.194	-1.55	.12137	.001	1
S4	25.000	24.888	-.112	-.449	.24543	.002	1
S5	50.000	50.263	.263	.525	.49564	.002	1



Ni 231.604 {445}

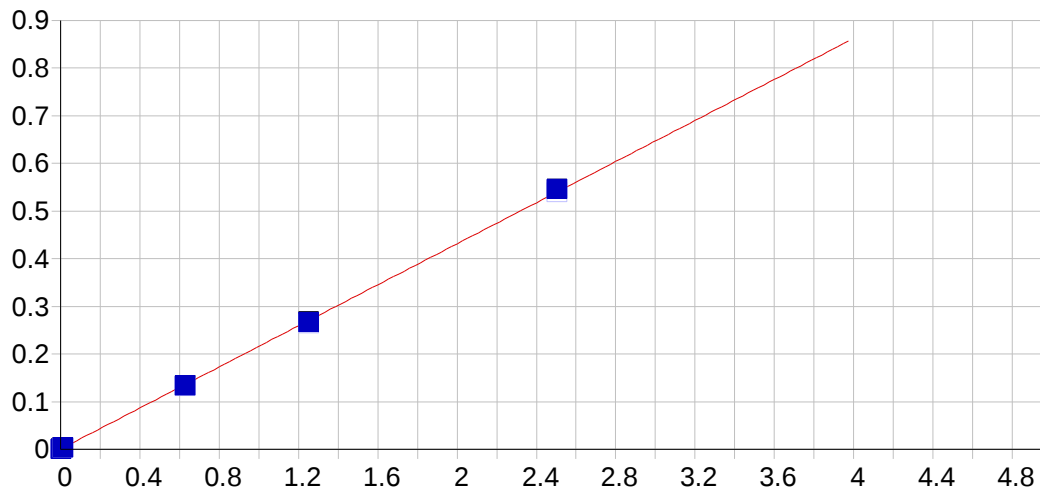
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007599 Re-Slope: 1.000000
 A1 (Gain): 0.680889 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647
 Std Error of Est: 0.000438
 Predicted MDL: 0.000429
 Predicted MQL: 0.001430

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00760	.000	1
S1	.04000	.04774	.008	19.3	.02492	.000	1
S3	1.2500	1.1990	-.051	-4.08	.80973	.003	1
S4	2.5000	2.4512	-.049	-1.95	1.6633	.001	1
S5	5.0000	5.0920	.092	1.84	3.4632	.010	1



Ag 328.068 {103}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

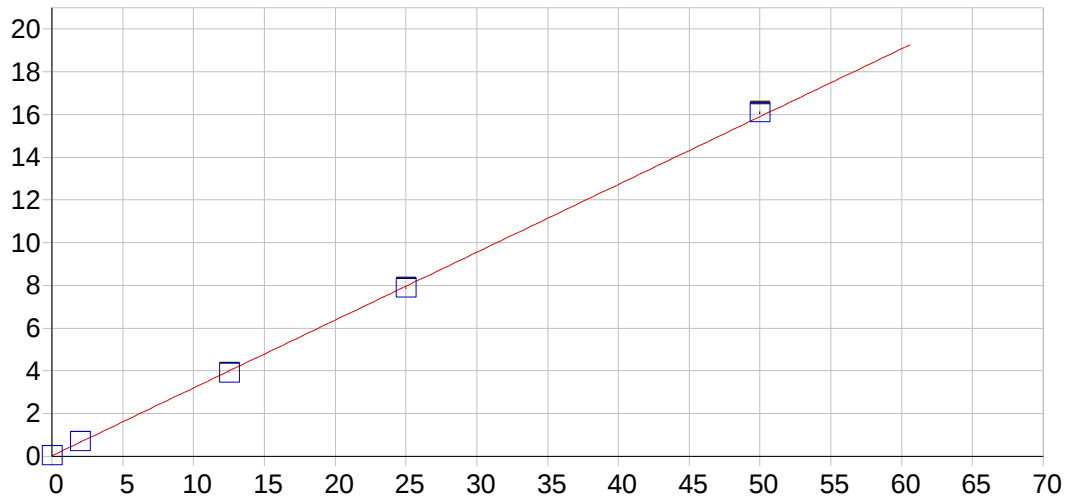
Weighting: 1/Conc

A0 (Offset): 0.000592
 A1 (Gain): 0.215485
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000024
 Predicted MDL: 0.000691
 Predicted MQL: 0.002302

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	.00059	.000	1
S1	.01000	.01105	.001	10.5	.00293	.000	1
S3	.62500	.61484	-.010	-1.63	.13155	.000	1
S4	1.2500	1.2341	-.016	-1.28	.26346	.000	1
S5	2.5000	2.5251	.025	1.00	.53859	.001	1

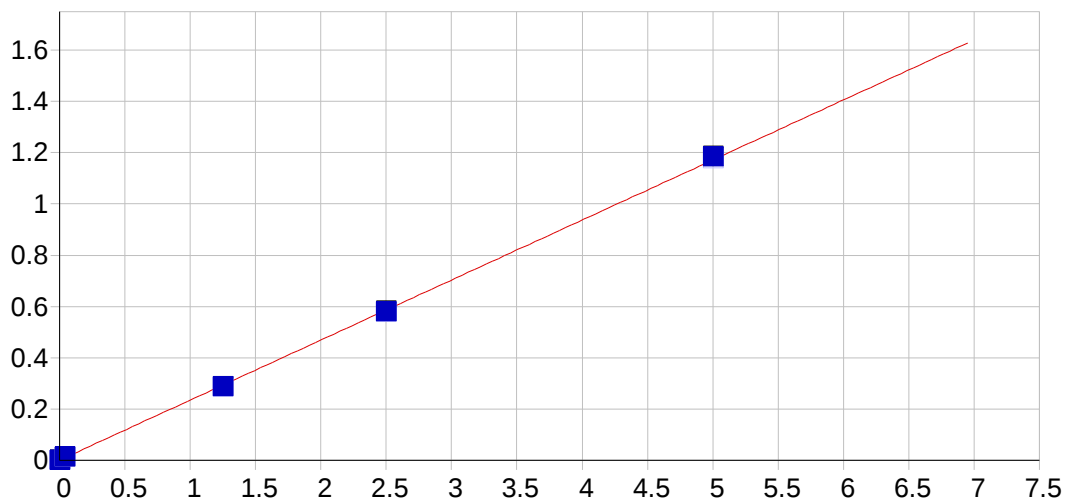


Na 589.592 { 57}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029397 Re-Slope: 1.000000
 A1 (Gain): 0.317556 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.002463
 Predicted MDL: 0.009897
 Predicted MQL: 0.032989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0430	.043	2.15	.67818	.004	1
S0	.00000	.00001	.000	.000	.02940	.003	1
S3	12.500	12.181	-.319	-2.55	3.8977	.016	1
S4	25.000	24.726	-.274	-1.09	7.8814	.022	1
S5	50.000	50.549	.549	1.10	16.082	.058	1



V 292.402 {115}

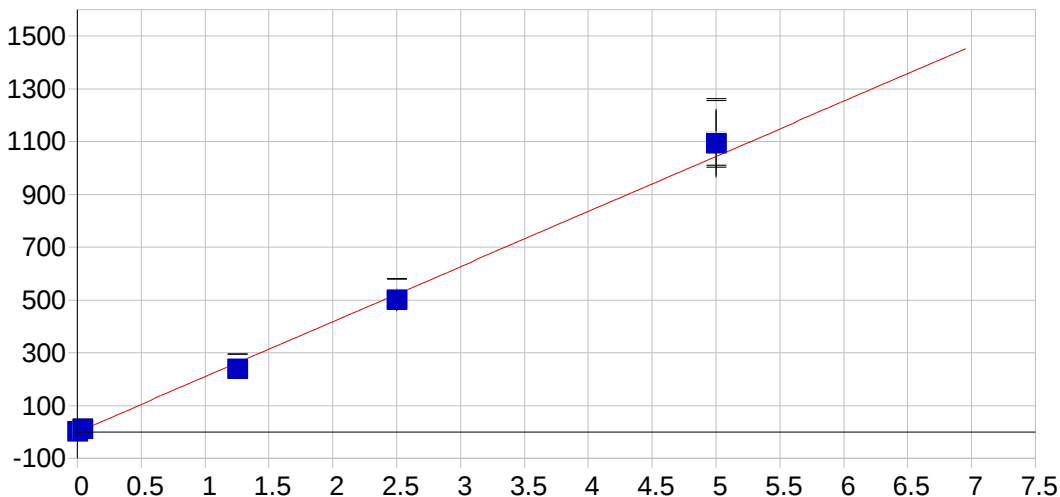
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000783 Re-Slope: 1.000000
 A1 (Gain): 0.234130 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799
 Std Error of Est: 0.000113
 Predicted MDL: 0.000506
 Predicted MQL: 0.001686

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00078	.000	1
S1	.04000	.04888	.009	22.2	.01208	.000	1
S3	1.2500	1.2203	-.030	-2.38	.28457	.001	1
S4	2.5000	2.4716	-.028	-1.14	.57563	.002	1
S5	5.0000	5.0494	.049	.987	1.1753	.002	1



Zn 206.200 {163}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

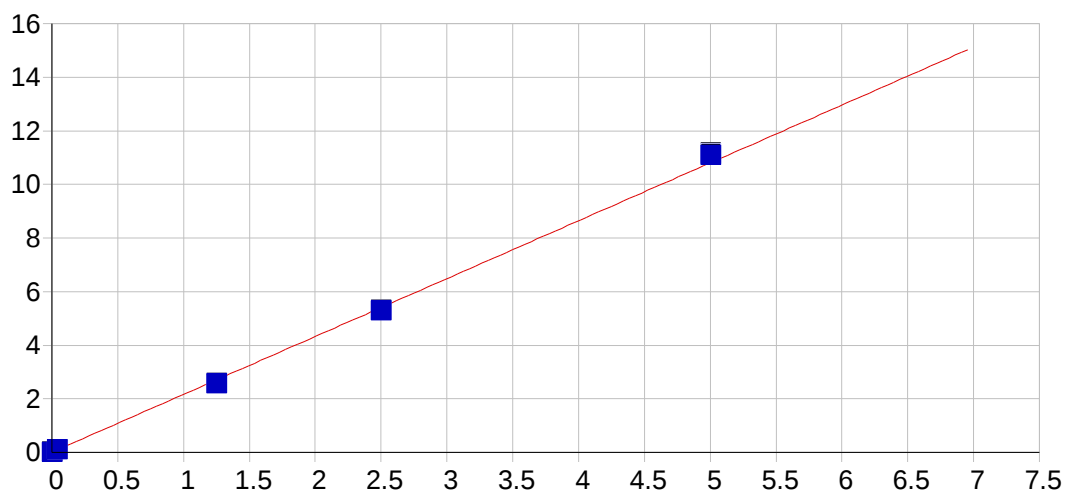
Weighting: 1/Conc

A0 (Offset): 0.081039
 A1 (Gain): 208.828752
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998496
 Std Error of Est: 0.279063
 Predicted MDL: 0.000268
 Predicted MQL: 0.000893

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	.08103	.086	1
S1	.04000	.04382	.004	9.54	9.2860	.334	1
S3	1.2500	1.1319	-.118	-9.45	238.03	19.2	1
S4	2.5000	2.3878	-.112	-4.49	501.89	41.4	1
S5	5.0000	5.2265	.226	4.53	1097.8	126.	1

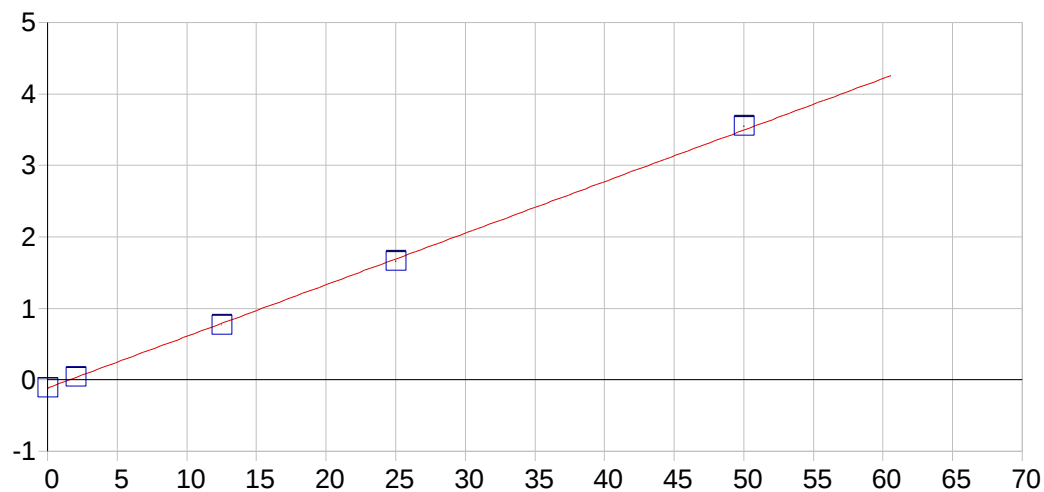


Zn 213.856 {458}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004943 Re-Slope: 1.000000
 A1 (Gain): 2.159433 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999469 Status: OK.
 Std Error of Est: 0.001714
 Predicted MDL: 0.000105
 Predicted MQL: 0.000350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00494	.000	1
S1	.04000	.04531	.005	13.3	.10340	.000	1
S3	1.2500	1.1800	-.070	-5.60	2.5704	.006	1
S4	2.5000	2.4371	-.063	-2.52	5.3022	.003	1
S5	5.0000	5.1275	.128	2.55	11.146	.029	1



K 766.490 {44}

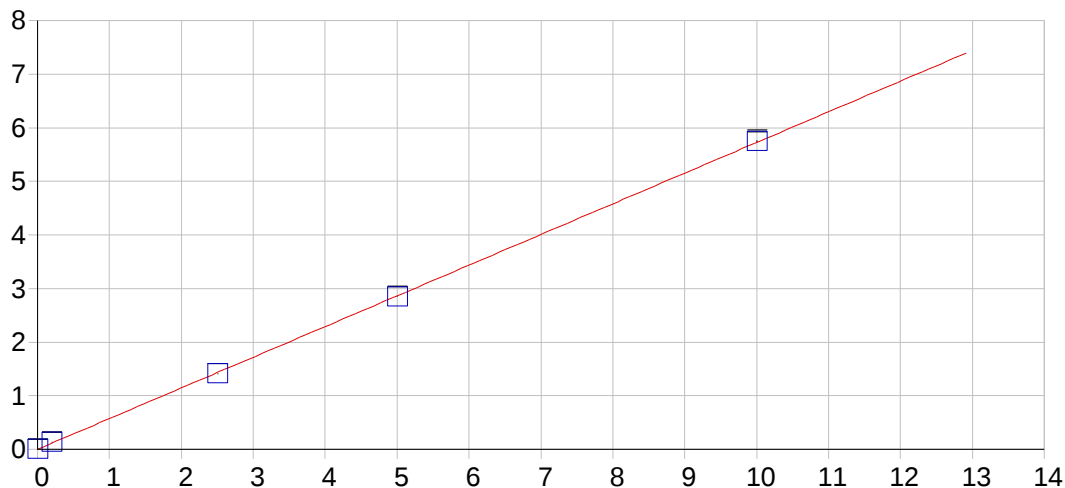
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.112490 Re-Slope: 1.000000
 A1 (Gain): 0.072138 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000704
 Predicted MDL: 0.045798
 Predicted MQL: 0.152660

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0443	.044	2.22	.03498	.001	1
S0	.00000	.00001	.000	.000	-.11249	.001	1
S3	12.500	12.180	-.320	-2.56	.76615	.006	1
S4	25.000	24.537	-.463	-1.85	1.6576	.010	1
S5	50.000	50.738	.738	1.48	3.5477	.007	1



Mo 202.030 {467}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

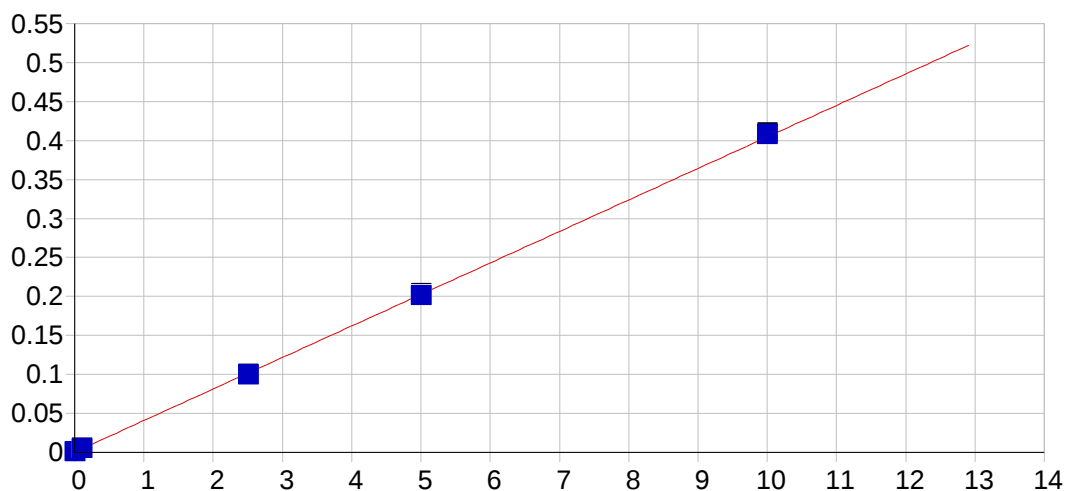
Weighting: 1/Conc

A0 (Offset): 0.001191
 A1 (Gain): 0.572317
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.000636
 Predicted MDL: 0.000322
 Predicted MQL: 0.001074

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	.00118	.000	1
S1	.20000	.22422	.024	12.1	.12952	.001	1
S3	2.5000	2.4682	-.032	-1.27	1.4138	.001	1
S4	5.0000	4.9675	-.033	-1.650	2.8442	.005	1
S5	10.000	10.040	.040	.401	5.7473	.017	1

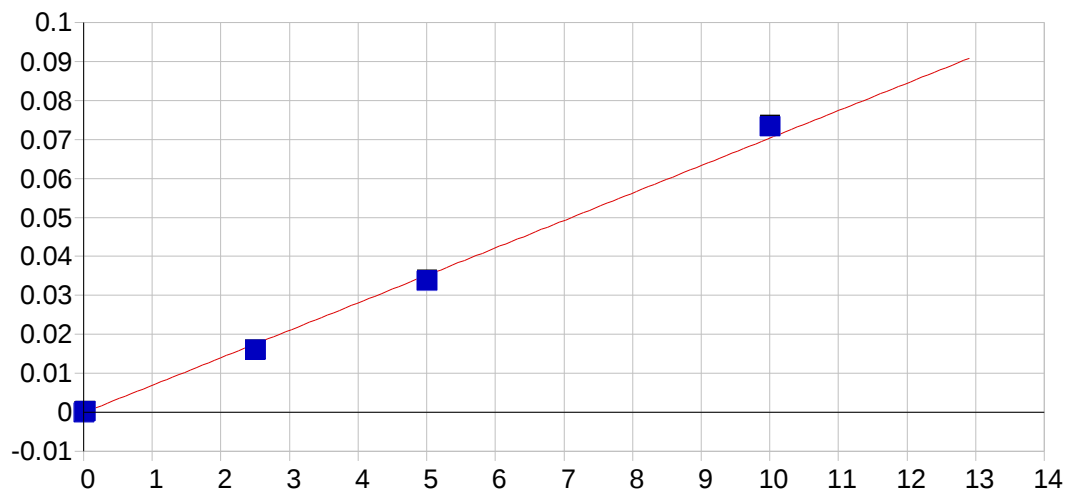


B 249.678 {135}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.040412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.008824
 Predicted MQL: 0.029415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.10000	.10704	.007	7.04	.00480	.000	1
S3	2.5000	2.4423	-.058	-2.31	.09896	.001	1
S4	5.0000	4.9710	-.029	-.580	.20091	.002	1
S5	10.000	10.080	.080	.796	.40689	.002	1



S 182.034 {485}

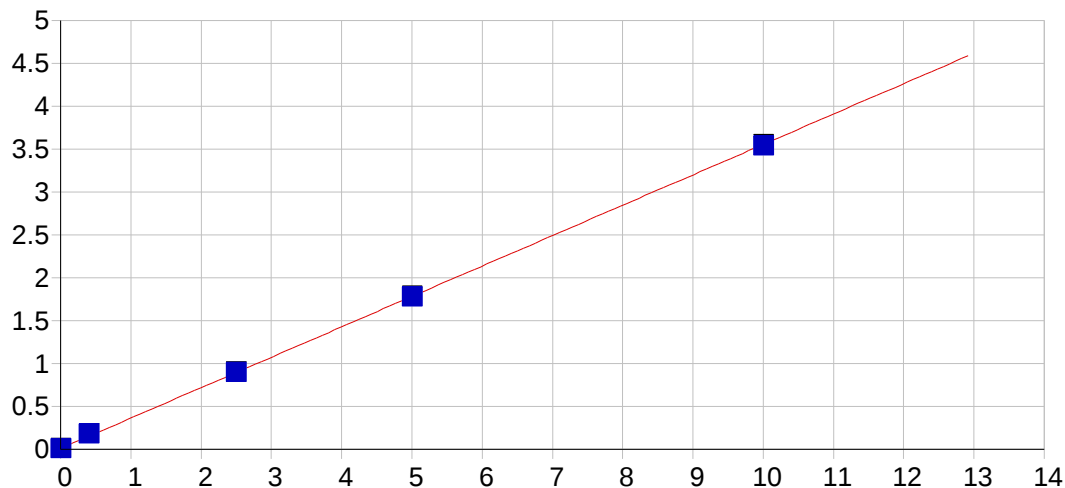
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.007045 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998367
 Std Error of Est: 0.000010
 Predicted MDL: 0.014642
 Predicted MQL: 0.048805

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.02000	.03474	.015	73.7	.00013	.000	1
S3	2.5000	2.2786	-.221	-8.86	.01592	.000	1
S4	5.0000	4.7869	-.213	-4.26	.03358	.000	1
S5	10.000	10.420	.420	4.20	.07322	.000	1



Si 288.158 {117}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

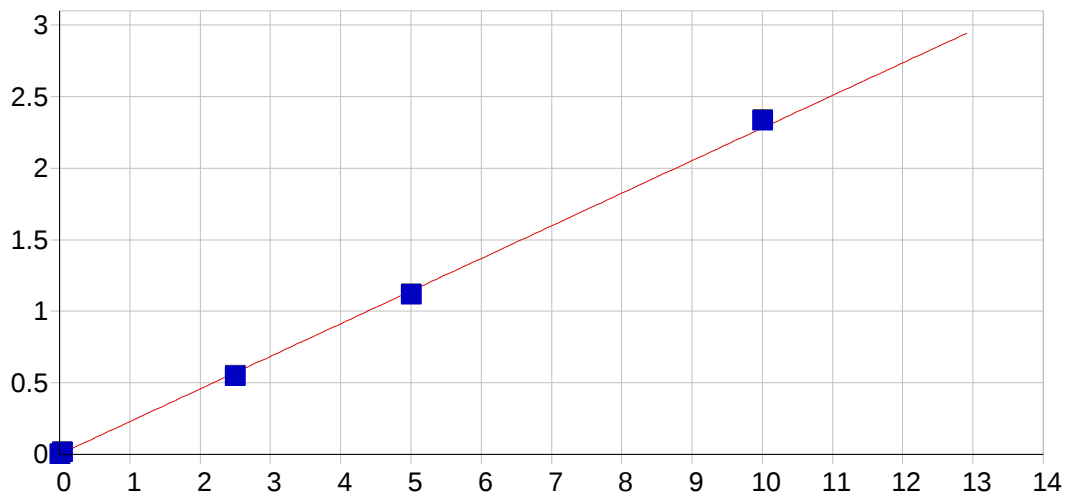
Weighting: 1/Conc

A0 (Offset): 0.009911
 A1 (Gain): 0.354503
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999639
 Std Error of Est: 0.001039
 Predicted MDL: 0.002864
 Predicted MQL: 0.009546

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00989	.001	1
S1	.40000	.47091	.071	17.7	.17673	.001	1
S3	2.5000	2.4965	-.003	-.139	.89446	.006	1
S4	5.0000	4.9859	-.014	-.282	1.7765	.006	1
S5	10.000	9.9467	-.053	-.533	3.5341	.016	1

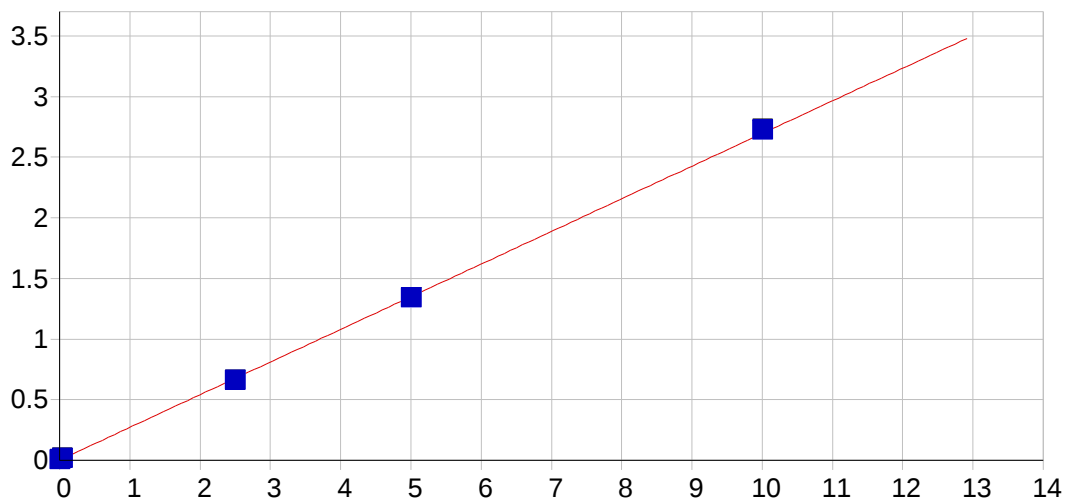


Sn 189.989 {477}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001528 Re-Slope: 1.000000
 A1 (Gain): 0.227924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662 Status: OK.
 Std Error of Est: 0.000203
 Predicted MDL: 0.000642
 Predicted MQL: 0.002139

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00153	.000	1
S1	.04000	.04489	.005	12.2	.01176	.000	1
S3	2.5000	2.3949	-.105	-4.20	.54749	.002	1
S4	5.0000	4.8898	-.110	-2.20	1.1162	.001	1
S5	10.000	10.210	.210	2.10	2.3291	.005	1



Ti 336.121 {100}

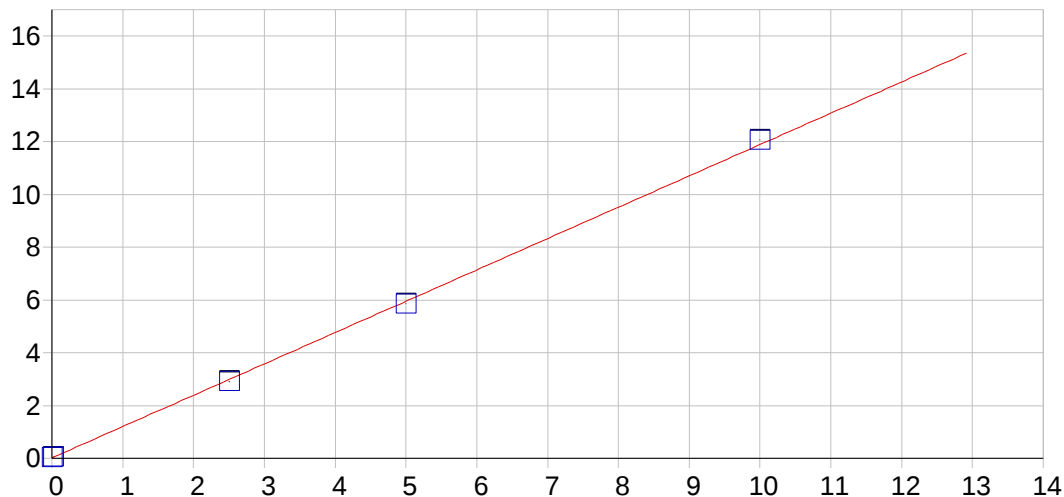
Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002647 Re-Slope: 1.000000
 A1 (Gain): 0.269272 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000138
 Predicted MDL: 0.002465
 Predicted MQL: 0.008218

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00265	.000	1
S1	.04000	.04569	.006	14.2	.01494	.000	1
S3	2.5000	2.4338	-.066	-2.65	.65792	.002	1
S4	5.0000	4.9593	-.041	-.815	1.3379	.004	1
S5	10.000	10.101	.101	1.01	2.7223	.006	1



Li 670.784 { 50}

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

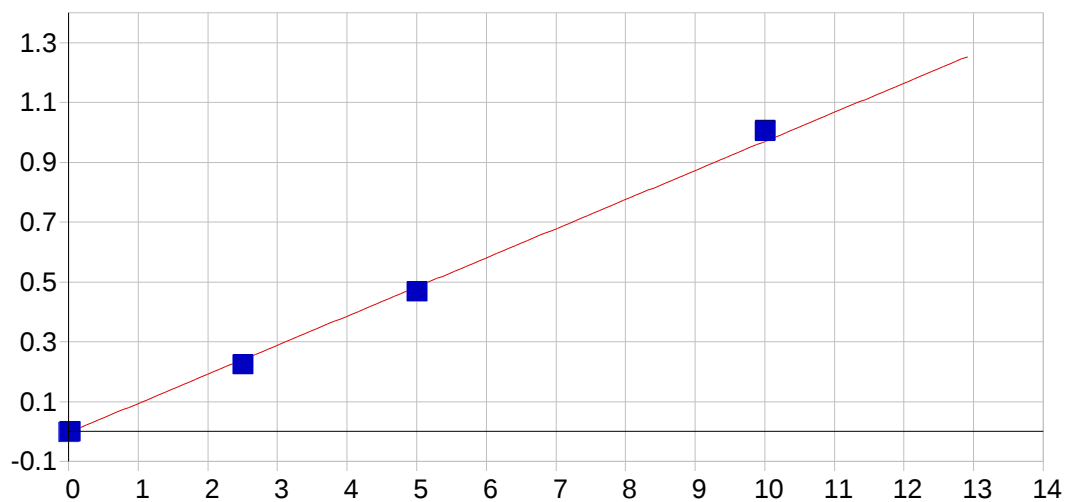
Weighting: 1/Conc

A0 (Offset): 0.015286
 A1 (Gain): 1.187331
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000514
 Predicted MDL: 0.002763
 Predicted MQL: 0.009212

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	.01528	.002	1
S1	.02000	.02328	.003	16.4	.04292	.001	1
S3	2.5000	2.4343	-.066	-2.63	2.9055	.018	1
S4	5.0000	4.9190	-.081	-1.62	5.8558	.015	1
S5	10.000	10.143	.143	1.43	12.059	.008	1



P 177.495 {490}

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003551 Re-Slope: 1.000000
 A1 (Gain): 0.097336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999127 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.001475
 Predicted MQL: 0.004918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00355	.000	1
S1	.02000	.02162	.002	8.12	-.00145	.000	1
S3	2.5000	2.3222	-.178	-7.11	.22213	.001	1
S4	5.0000	4.8298	-.170	-3.40	.46586	.001	1
S5	10.000	10.346	.346	3.46	1.0021	.002	1



Y 224.306 {450}*

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

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

Status: Warning Zero Gain

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

Status: Warning Zero Gain





In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

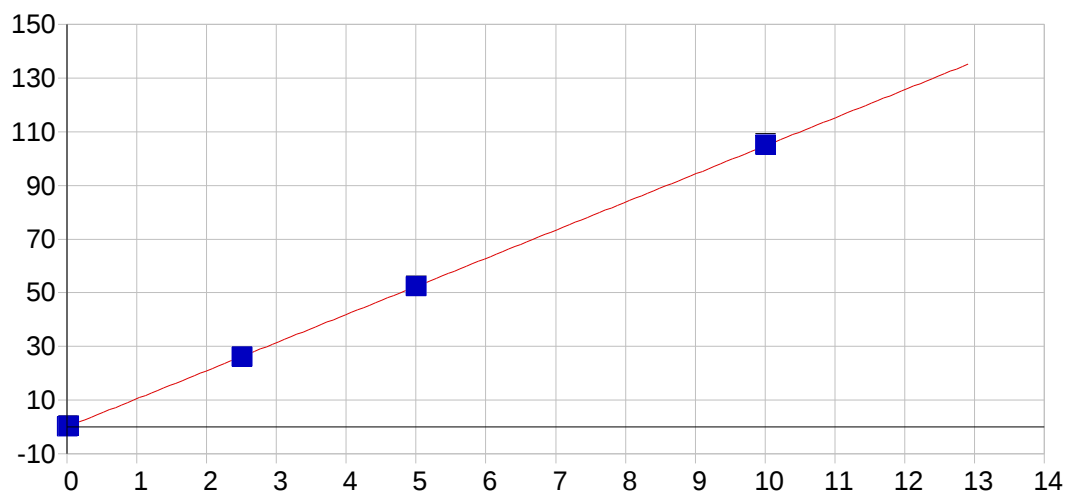
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 2/26/2019 12:56:15

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.011202

Re-Slope: 1.000000

A1 (Gain): 10.470431

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

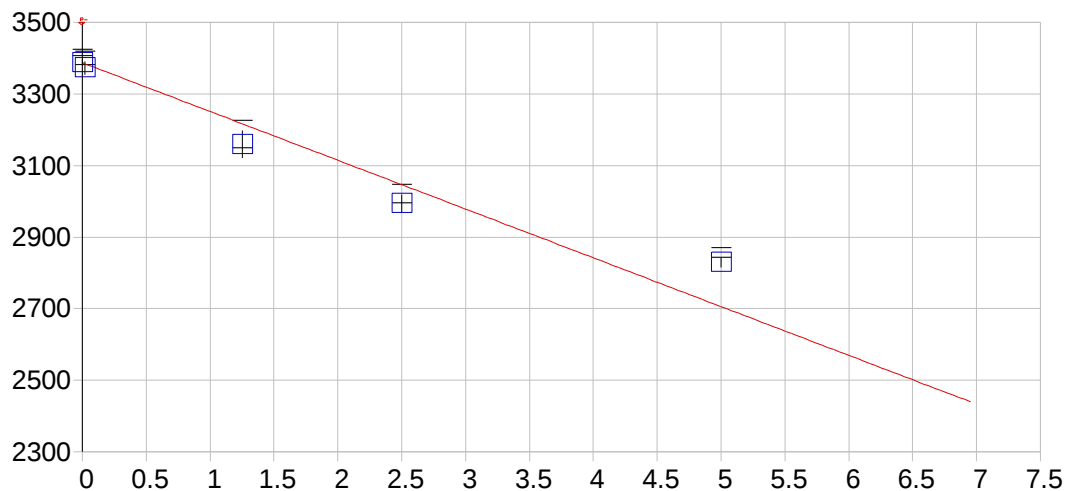
Status: OK.

Std Error of Est: 0.001592

Predicted MDL: 0.000123

Predicted MQL: 0.000409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01123	.001	1
S1	.02000	.02288	.003	14.4	.22949	.000	1
S3	2.5000	2.4765	-.023	-.939	25.948	.104	1
S4	5.0000	4.9967	-.003	-.066	52.364	.188	1
S5	10.000	10.024	.024	.239	105.06	.407	1

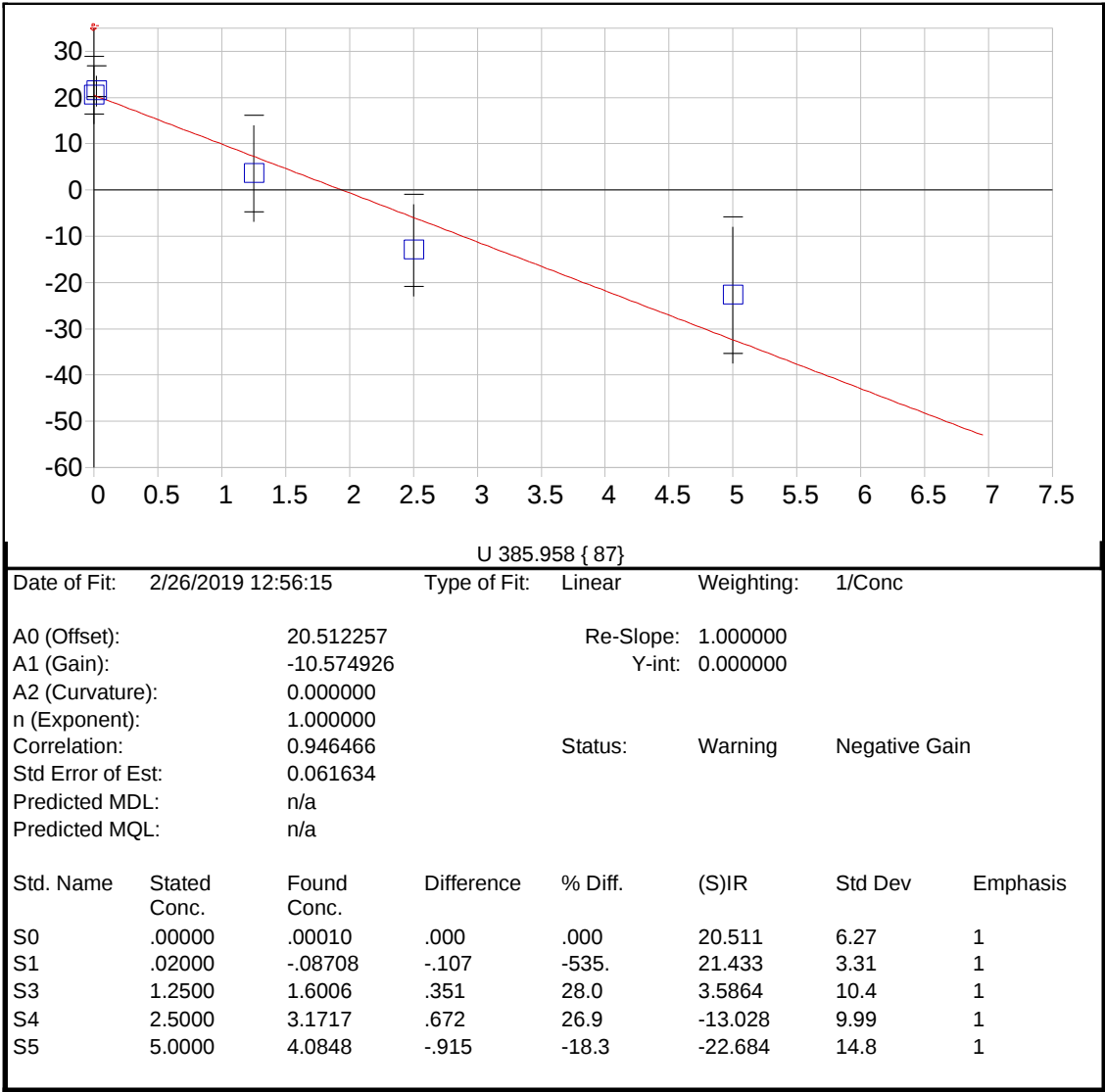


U 367.007 { 92 }

Date of Fit: 2/26/2019 12:56:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3387.249389 Re-Slope: 1.000000
A1 (Gain): -136.308408 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.959645 Status: Warning Negative Gain
Std Error of Est: 0.682590
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	3387.3	9.37	1
S1	.02000	.10764	.088	438.	3372.6	18.7	1
S3	1.2500	1.6739	.424	33.9	3159.1	38.1	1
S4	2.5000	2.8921	.392	15.7	2993.0	26.8	1
S5	5.0000	4.0963	-.904	-18.1	2828.9	13.7	1



Sample Name: S0 Acquired: 2/26/2019 12:02:52 Type: Cal
Method: P4-ICP2(v2892) 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	-.00049	-.00041	.00564	.00007	.00123	.00055	.09943	-.00052
Stddev	.00013	.00008	.00008	.00030	.00013	.00011	.00257	.00006
%RSD	25.978	18.844	1.3824	402.46	10.845	20.513	2.5889	10.726

#1	-.00057	-.00049	.00567	.00011	.00128	.00042	.09657	-.00057
#2	-.00055	-.00034	.00569	-.00024	.00108	.00058	.10015	-.00054
#3	-.00034	-.00039	.00555	.00036	.00133	.00064	.10156	-.00046

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	-.00410	-.00010	-.00029	-.00111	-.00073	.00727	.00001	.00002
Stddev	.00016	.00074	.00006	.00008	.00026	.00048	.00009	.00030
%RSD	3.9494	751.34	21.886	7.0731	35.453	6.6553	896.19	1325.9

#1	-.00415	.00070	-.00035	-.00106	-.00100	.00680	-.00007	-.00033
#2	-.00393	-.00021	-.00022	-.00107	-.00050	.00776	.00011	.00018
#3	-.00424	-.00078	-.00031	-.00120	-.00068	.00725	-.00001	.00021

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	-.00760	.00059	.02940	.00078	.00494	-.11249	.00118	.00049
Stddev	.00028	.00002	.00325	.00004	.00009	.00134	.00019	.00027
%RSD	3.6806	2.6544	11.038	4.7340	1.8390	1.1918	16.338	54.404

#1	-.00781	.00057	.02623	.00075	.00483	-.11373	.00096	.00050
#2	-.00771	.00060	.02925	.00082	.00499	-.11267	.00126	.00022
#3	-.00729	.00060	.03271	.00078	.00499	-.11107	.00132	.00076

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	-.00011	.00989	.00153	.00265	.01528	-.0036	-.01123	3387.3
Stddev	.00011	.00083	.00015	.00033	.00218	.0002	.00124	9.4
%RSD	99.832	8.4069	10.144	12.463	14.262	4.722	11.048	.27653

#1	-.00007	.00960	.00137	.00286	.01329	-.0036	-.01266	3389.9
#2	-.00002	.01082	.00153	.00281	.01495	-.0034	-.01058	3395.1
#3	-.00023	.00924	.00168	.00227	.01761	-.0037	-.01045	3376.9

Sample Name: S0 Acquired: 2/26/2019 12:02:52 Type: Cal
Method: P4-ICP2(v2892) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	20.511
Stddev	6.266
%RSD	30.550

#1	27.300
#2	14.949
#3	19.284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.1	43990.	4388.9	18.497	3952.6
Stddev	1.1	233.	34.1	.064	6.7
%RSD	.02954	.52854	.77764	.34409	.16886

#1	3659.5	43975.	4424.5	18.567	3944.9
#2	3661.4	44229.	4385.6	18.483	3956.8
#3	3659.4	43765.	4356.5	18.442	3956.0

Sample Name: S1 Acquired: 2/26/2019 12:07:19 Type: Cal
Method: P4-ICP2(v2892) 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	.00064	.00454	.01009	.00129	.00790	.00163	.18198	.00584
Stddev	.00009	.00013	.00015	.00005	.00017	.00005	.00061	.00005
%RSD	14.721	2.8805	1.4993	3.5117	2.1236	3.3689	.33790	.81667

#1	.00068	.00463	.01015	.00128	.00806	.00157	.18185	.00586
#2	.00070	.00439	.01020	.00134	.00792	.00168	.18143	.00588
#3	.00053	.00459	.00992	.00125	.00772	.00163	.18264	.00579

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	.01408	.00232	.04099	.01321	.04758	.03124	.02492	.00293
Stddev	.00009	.00001	.00035	.00050	.00063	.00028	.00003	.00003
%RSD	.64780	.28939	.84213	3.7560	1.3285	.88866	.13713	1.0068

#1	.01398	.00231	.04128	.01358	.04831	.03141	.02489	.00292
#2	.01414	.00233	.04108	.01341	.04723	.03092	.02496	.00296
#3	.01413	.00232	.04061	.01265	.04720	.03140	.02491	.00291

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	.01208	.10340	.12952	.00480	.00013	.17673	.01176	.01494
Stddev	.00007	.00015	.00056	.00024	.00012	.00097	.00008	.00047
%RSD	.57418	.14794	.43586	4.9184	93.180	.54752	.71537	3.1648

#1	.01202	.10323	.12927	.00486	.00008	.17783	.01179	.01457
#2	.01216	.10354	.13016	.00454	.00027	.17634	.01182	.01478
#3	.01207	.10342	.12912	.00500	.00004	.17602	.01166	.01548

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04292	-.0015	.22949	3372.6	21.433
Stddev	.00082	.0001	.00025	18.7	3.306
%RSD	1.9215	4.727	.11039	.55490	15.426

#1	.04257	-.0015	.22941	3392.2	20.000
#2	.04233	-.0014	.22978	3370.6	19.085
#3	.04386	-.0014	.22929	3354.9	25.214

Sample Name: S1 Acquired: 2/26/2019 12:07:19 Type: Cal
Method: P4-ICP2(v2892) 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	3640.5	43872.	4354.9	19.672	3880.5
Stddev	13.9	190.	20.0	.801	10.4
%RSD	.38189	.43355	.46018	4.0707	.26693
#1	3643.1	43912.	4335.1	18.750	3877.8
#2	3625.5	44039.	4354.4	20.075	3871.8
#3	3652.9	43665.	4375.2	20.192	3892.0

Sample Name: S2 Acquired: 2/26/2019 12:11:44 Type: Cal
Method: P4-ICP2(v2892) 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	.09758	.02017	.67818	.03498
Stddev	.00066	.00057	.00355	.00119
%RSD	.67671	2.8205	.52287	3.3937

#1	.09687	.02047	.68011	.03389
#2	.09768	.02053	.67408	.03625
#3	.09818	.01952	.68033	.03481

Int. Std.	Y_3710
Units	Cts/S
Avg	4377.6
Stddev	12.4
%RSD	.28397

#1	4363.3
#2	4385.3
#3	4384.2

Sample Name: S3 Acquired: 2/26/2019 12:16:00 Type: Cal
Method: P4-ICP2(v2892) 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	.11411	.24679	.70673	.13913	.27434	.03961	3.5211	.11194
Stddev	.00027	.00073	.00229	.00029	.00040	.00018	.0139	.00040
%RSD	.23431	.29609	.32367	.21032	.14400	.44821	.39394	.36085

#1	.11420	.24695	.70934	.13937	.27457	.03971	3.5101	.11197
#2	.11432	.24743	.70579	.13922	.27388	.03940	3.5164	.11233
#3	.11381	.24600	.70507	.13880	.27457	.03971	3.5367	.11152

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	3.3906	.58810	.10906	1.4020	.36002	.82073	1.5640	.12137
Stddev	.0092	.00298	.00037	.0019	.00050	.00257	.0031	.00109
%RSD	.27174	.50731	.33951	.13655	.13797	.31358	.19819	.89888

#1	3.3967	.58919	.10946	1.4037	.36058	.81776	1.5643	.12157
#2	3.3950	.58472	.10874	1.4023	.35986	.82213	1.5607	.12019
#3	3.3800	.59038	.10898	1.3999	.35963	.82229	1.5669	.12235

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	.80973	.13155	3.8977	.28457	2.5704	.76615	1.4138	.09896
Stddev	.00255	.00003	.0162	.00088	.0063	.00563	.0005	.00070
%RSD	.31487	.02609	.41535	.30945	.24485	.73485	.03751	.70723

#1	.81225	.13156	3.8809	.28558	2.5768	.76621	1.4141	.09931
#2	.80979	.13152	3.8990	.28416	2.5702	.76049	1.4132	.09941
#3	.80715	.13158	3.9132	.28397	2.5642	.77175	1.4141	.09815

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	.01592	.89446	.54749	.65792	2.9055	.2221	25.948	3159.1
Stddev	.00004	.00578	.00200	.00230	.0177	.0009	.104	38.1
%RSD	.26717	.64620	.36618	.34988	.60977	.3984	.39922	1.2061

#1	.01591	.88781	.54867	.65554	2.9060	.2222	25.894	3120.9
#2	.01597	.89818	.54862	.65807	2.8876	.2230	25.883	3159.2
#3	.01589	.89741	.54517	.66014	2.9230	.2212	26.067	3197.1

Sample Name: S3 Acquired: 2/26/2019 12:16:00 Type: Cal
 Method: P4-ICP2(v2892) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	3.5864
Stddev	10.414
%RSD	290.37

#1	13.662
#2	4.2331
#3	-7.1357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3557.8	42595.	4355.6	18.515	3625.2
Stddev	13.1	199.	8.2	1.451	15.1
%RSD	.36933	.46755	.18801	7.8374	.41784

#1	3543.0	42405.	4359.5	20.111	3608.1
#2	3568.1	42802.	4361.2	17.275	3630.8
#3	3562.3	42577.	4346.2	18.159	3636.7

Sample Name: S4 Acquired: 2/26/2019 12:20:00 Type: Cal
Method: P4-ICP2(v2892) 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	.23154	.49788	1.4307	.28182	.55313	.08017	7.0859	.22734
Stddev	.00081	.00042	.0003	.00090	.00138	.00043	.0272	.00028
%RSD	.34802	.08340	.02206	.31851	.24933	.53272	.38395	.12128

#1	.23247	.49781	1.4304	.28280	.55470	.07999	7.1173	.22712
#2	.23109	.49833	1.4308	.28163	.55213	.07987	7.0695	.22765
#3	.23107	.49750	1.4310	.28103	.55255	.08066	7.0709	.22725

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.9898	1.1877	.22035	2.8710	.71879	1.6310	3.1283	.24543
Stddev	.0024	.0058	.00011	.0016	.00182	.0058	.0035	.00159
%RSD	.03481	.48546	.04784	.05626	.25317	.35627	.11275	.64982

#1	6.9926	1.1875	.22043	2.8724	.72089	1.6357	3.1280	.24405
#2	6.9883	1.1820	.22023	2.8714	.71776	1.6245	3.1320	.24505
#3	6.9885	1.1935	.22039	2.8693	.71772	1.6327	3.1249	.24718

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	1.6633	.26346	7.8814	.57563	5.3022	1.6576	2.8442	.20091
Stddev	.0012	.00048	.0218	.00174	.0033	.0101	.0055	.00235
%RSD	.06962	.18136	.27631	.30312	.06209	.60648	.19257	1.1678

#1	1.6622	.26393	7.9009	.57752	5.3058	1.6685	2.8487	.20054
#2	1.6630	.26346	7.8579	.57527	5.2995	1.6554	2.8381	.19877
#3	1.6645	.26298	7.8855	.57409	5.3011	1.6488	2.8457	.20342

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	.03358	1.7765	1.1162	1.3379	5.8558	.4659	52.364	2993.0
Stddev	.00019	.0060	.0010	.0037	.0151	.0010	.188	26.8
%RSD	.57463	.33481	.09134	.27642	.25759	.2231	.35922	.89504

#1	.03342	1.7768	1.1159	1.3399	5.8720	.4667	52.578	2971.1
#2	.03379	1.7704	1.1174	1.3336	5.8421	.4662	52.226	2985.1
#3	.03351	1.7822	1.1154	1.3401	5.8533	.4647	52.288	3022.9

Sample Name: S4 Acquired: 2/26/2019 12:20:00 Type: Cal
 Method: P4-ICP2(v2892) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-13.028
Stddev	9.987
%RSD	76.656

#1	-24.113
#2	-4.7320
#3	-10.240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.9	41594.	4296.8	17.219	3451.0
Stddev	6.7	74.	8.9	1.465	1.4
%RSD	.19227	.17752	.20611	8.5098	.04116

#1	3470.3	41539.	4287.6	16.286	3450.1
#2	3483.3	41565.	4305.3	16.464	3452.6
#3	3474.2	41678.	4297.5	18.908	3450.2

Sample Name: S5 Acquired: 2/26/2019 12:24:00 Type: Cal
Method: P4-ICP2(v2892) 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	.47601	1.0212	2.9666	.57552	1.1285	.16617	14.550	.46545
Stddev	.00195	.0019	.0093	.00250	.0062	.00088	.025	.00135
%RSD	.41063	.18912	.31375	.43366	.54675	.52698	.17379	.29054
#1	.47817	1.0232	2.9772	.57834	1.1355	.16541	14.521	.46398
#2	.47551	1.0193	2.9599	.57361	1.1239	.16598	14.563	.46663
#3	.47436	1.0210	2.9627	.57459	1.1260	.16713	14.566	.46576
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	14.614	2.3883	.44617	5.9936	1.4361	3.1987	6.2911	.49564
Stddev	.039	.0081	.00030	.0106	.0022	.0171	.0109	.00247
%RSD	.26648	.33773	.06722	.17748	.15184	.53601	.17312	.49744
#1	14.659	2.3800	.44592	6.0057	1.4384	3.2173	6.2786	.49424
#2	14.590	2.3961	.44610	5.9860	1.4341	3.1954	6.2990	.49418
#3	14.593	2.3886	.44650	5.9890	1.4357	3.1835	6.2956	.49848
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4632	.53859	16.082	1.1753	11.146	3.5477	5.7473	.40689
Stddev	.0096	.00090	.058	.0024	.029	.0075	.0172	.00180
%RSD	.27782	.16625	.35817	.20857	.26035	.21105	.29981	.44335
#1	3.4739	.53767	16.015	1.1748	11.179	3.5563	5.7665	.40730
#2	3.4605	.53946	16.121	1.1780	11.124	3.5430	5.7333	.40491
#3	3.4552	.53866	16.108	1.1732	11.136	3.5437	5.7421	.40845
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	.07322	3.5341	2.3291	2.7223	12.059	1.002	105.06	2828.9
Stddev	.00030	.0162	.0046	.0055	.008	.002	.41	13.7
%RSD	.40980	.45864	.19907	.20305	.06548	.2226	.38782	.48285
#1	.07310	3.5452	2.3345	2.7160	12.050	1.001	105.34	2821.1
#2	.07356	3.5416	2.3261	2.7262	12.060	1.005	105.25	2844.7
#3	.07300	3.5155	2.3268	2.7247	12.066	1.001	104.59	2820.9

Sample Name: S5 Acquired: 2/26/2019 12:24:00 Type: Cal
Method: P4-ICP2(v2892) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-22.684
Stddev	14.764
%RSD	65.083

#1	-14.967
#2	-39.707
#3	-13.379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.1	40106.	4231.3	15.363	3209.1
Stddev	13.4	193.	13.0	1.812	8.7
%RSD	.39810	.48065	.30793	11.797	.27189

#1	3352.2	40204.	4218.9	14.378	3199.1
#2	3378.2	40230.	4244.9	14.257	3215.2
#3	3370.8	39884.	4230.2	17.455	3213.0

Sample Name: ICV01 Acquired: 2/26/2019 12:28:05 Type: Unk
Method: P4-ICP2(v2892) 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	1.0075	1.0114	1.0016	1.0065	1.0127	2.5000	.49673
Stddev	.0020	.0052	.0027	.0049	.0016	.0184	.00412
%RSD	.20117	.51561	.26421	.48959	.15467	.73402	.83007

#1	1.0070	1.0055	.99940	1.0009	1.0114	2.5159	.49199
#2	1.0097	1.0153	1.0045	1.0082	1.0123	2.5041	.49949
#3	1.0057	1.0134	1.0009	1.0103	1.0145	2.4799	.49871

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48935	.48330	10.270	.50321	.49837	.51153	5.2606
Stddev	.00165	.00109	.037	.00177	.00121	.00110	.0385
%RSD	.33789	.22459	.35699	.35096	.24285	.21503	.73237

#1	.49095	.48429	10.228	.50434	.49889	.51094	5.2592
#2	.48765	.48346	10.290	.50412	.49924	.51280	5.2228
#3	.48945	.48214	10.292	.50118	.49699	.51085	5.2998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51113	6.1113	.49976	.48716	10.068	.50118	.97621
Stddev	.00401	.0403	.00040	.00208	.038	.00058	.00200
%RSD	.78442	.65959	.08051	.42700	.38234	.11630	.20440

#1	.51522	6.1561	.49971	.48907	10.073	.50119	.97450
#2	.50720	6.1001	.50018	.48494	10.027	.50176	.97840
#3	.51096	6.0779	.49938	.48747	10.103	.50059	.97573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.064	2.5484	2.5267	2.5808	2.5309	2.4491	2.5197
Stddev	.056	.0025	.0116	.0284	.0145	.0063	.0111
%RSD	.55911	.09923	.45729	1.0989	.57462	.25920	.43844

#1	10.048	2.5455	2.5220	2.5744	2.5357	2.4481	2.5073
#2	10.017	2.5503	2.5182	2.5561	2.5146	2.4559	2.5233
#3	10.126	2.5494	2.5398	2.6118	2.5425	2.4433	2.5285

Sample Name: ICV01 Acquired: 2/26/2019 12:28:05 Type: Unk
 Method: P4-ICP2(v2892) 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 2.9135	F 2.673	F 2.9731	F 1.7393	F<.00000
Stddev	.0171	.009	.0148	.0544	.79749
%RSD	.58867	.3216	.49831	3.1265	19.426

#1	2.9245	2.664	2.9798	1.6765	-3.7568
#2	2.8937	2.680	2.9561	1.7684	-5.0176
#3	2.9222	2.677	2.9833	1.7729	-3.5413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.5	43038.	4386.5	18.337	3666.3
Stddev	2.1	244.	34.8	.902	7.9
%RSD	.05908	.56715	.79368	4.9182	.21520

#1	3564.8	42778.	4379.5	17.956	3660.3
#2	3563.9	43262.	4424.3	19.367	3663.2
#3	3567.9	43074.	4355.7	17.689	3675.2

Sample Name: LLICV01 Acquired: 2/26/2019 12:32:09 Type: Unk
Method: P4-ICP2(v2892) 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	.02152	.04437	.01362	.02299	.05138	.10604	.09828	.00626
Stddev	.00129	.00051	.00049	.00490	.00193	.00626	.00560	.00009
%RSD	5.9803	1.1407	3.5898	21.332	3.7641	5.9059	5.7007	1.4933
#1	.02227	.04380	.01418	.01835	.05313	.10765	.09191	.00626
#2	.02003	.04457	.01342	.02812	.04931	.09912	.10052	.00616
#3	.02226	.04475	.01327	.02251	.05171	.11133	.10242	.00635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.0942	.01055	.03291	.01830	.11339	.02226	2.2266
Stddev	.00004	.0016	.00032	.00020	.00019	.00191	.00019	.0439
%RSD	.69406	.07620	3.0151	.61892	1.0435	1.6845	.84269	1.9728
#1	.00583	2.0949	.01091	.03278	.01828	.11516	.02247	2.2691
#2	.00590	2.0924	.01043	.03281	.01811	.11136	.02210	2.2293
#3	.00583	2.0954	.01031	.03314	.01850	.11365	.02222	2.1814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04287	.01041	2.1093	.04413	.04211	2.0978	.20568	.10567
Stddev	.00029	.00020	.0141	.00019	.00019	.0556	.00046	.00488
%RSD	.67838	1.9689	.66682	.43938	.45005	2.6480	.22425	4.6224
#1	.04306	.01027	2.0961	.04396	.04220	2.0455	.20562	.10019
#2	.04253	.01032	2.1077	.04434	.04224	2.1561	.20617	.10723
#3	.04302	.01065	2.1241	.04408	.04189	2.0917	.20526	.10958
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02577	.46537	.04111	.04188	F .02405	.0186	.02070	F 1.0835
Stddev	.01251	.00693	.00054	.00144	.00133	.0010	.00003	.1840
%RSD	48.542	1.4883	1.3103	3.4279	5.5271	5.271	.13914	16.981
#1	.03989	.47146	.04156	.04273	.02501	.0196	.02073	.89176
#2	.02137	.45783	.04051	.04022	.02253	.0176	.02067	1.2586
#3	.01606	.46683	.04125	.04269	.02460	.0186	.02069	1.1001

Sample Name: LLICV01 Acquired: 2/26/2019 12:32:09 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .11268
Stddev	.36088
%RSD	320.26

#1	.29903
#2	-.30327
#3	.34229

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3630.0	43964.	4416.3	18.144	3875.8
Stddev	10.1	174.	42.3	.952	9.4
%RSD	.27688	.39486	.95866	5.2455	.24303

#1	3618.4	43770.	4371.8	17.542	3864.9
#2	3635.2	44106.	4456.1	19.242	3881.2
#3	3636.3	44015.	4421.0	17.650	3881.3

Sample Name: ICB01 Acquired: 2/26/2019 12:36:35 Type: Unk
Method: P4-ICP2(v2892) 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	.00174	-.00074	.00089	-.00062	.00107	.00091	.00147	.00003
Stddev	.00108	.00172	.00057	.00044	.00137	.01689	.00276	.00010
%RSD	61.773	232.46	64.039	70.474	127.46	1853.0	188.18	329.05
#1	.00289	-.00249	.00045	-.00083	.00167	-.00535	-.00172	-.00002
#2	.00157	-.00068	.00154	-.00012	.00204	-.01195	.00308	-.00003
#3	.00076	.00095	.00069	-.00091	-.00049	.02004	.00305	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00918	.00007	.00017	.00022	.00085	.00006	.00180
Stddev	.00002	.01127	.00012	.00018	.00012	.00057	.00003	.01919
%RSD	86.803	122.81	176.83	106.45	52.846	67.151	59.243	1064.2
#1	.00001	-.00383	.00018	.00035	.00035	.00061	.00006	.00714
#2	.00002	.01542	-.00005	-.00001	.00014	.00150	.00002	-.01949
#3	.00006	.01595	.00006	.00017	.00017	.00044	.00009	.01777
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00020	-.05132	-.00002	-.00032	.01149	-.00026	-.00003
Stddev	.00017	.00037	.00938	.00008	.00004	.03941	.00036	.01092
%RSD	98.125	188.61	18.277	359.27	11.362	342.86	140.66	32983.
#1	-.00010	-.00005	-.06022	.00003	-.00035	.05672	-.00061	-.01147
#2	-.00036	-.00062	-.05223	-.00012	-.00028	-.01544	.00012	.00108
#3	-.00005	.00008	-.04152	.00002	-.00033	-.00680	-.00029	.01029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00797	-.00139	-.00018	-.00114	.00117	-.0012	-.00001	F 1.2238
Stddev	.00670	.00260	.00026	.00128	.00155	.0004	.00010	.2055
%RSD	84.047	186.28	147.82	111.97	132.36	33.65	736.74	16.790
#1	.00363	-.00340	-.00034	-.00126	.00109	-.0012	.00005	1.0453
#2	.00459	-.00231	.00012	.00019	-.00034	-.0017	-.00012	1.1778
#3	.01568	.00154	-.00031	-.00236	.00276	-.0008	.00003	1.4484

Sample Name: ICB01 Acquired: 2/26/2019 12:36:35 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .12680
Stddev	.30380
%RSD	239.60

#1	.38253
#2	-.20903
#3	.20690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.8	43768.	4355.9	18.353	3902.8
Stddev	12.9	80.	23.9	.432	11.0
%RSD	.35766	.18251	.54832	2.3512	.28063

#1	3585.7	43857.	4381.8	18.842	3891.0
#2	3602.7	43746.	4351.3	18.192	3904.8
#3	3610.9	43702.	4334.7	18.025	3912.6

Sample Name: CRI01 Acquired: 2/26/2019 12:41:02 Type: Unk
Method: P4-ICP2(v2892) 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	.02170	.04589	.01386	.02209	.05121	.10210	.10648	.00637
Stddev	.00227	.00204	.00037	.00012	.00064	.00503	.00096	.00007
%RSD	10.444	4.4508	2.6666	.53186	1.2497	4.9224	.89837	1.0744

#1	.02023	.04500	.01406	.02218	.05056	.10444	.10752	.00631
#2	.02431	.04822	.01343	.02196	.05124	.09633	.10564	.00634
#3	.02057	.04444	.01408	.02214	.05184	.10553	.10628	.00645

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	2.1774	.01046	.03335	.01847	.11584	.02279	2.1713
Stddev	.00008	.0139	.00027	.00009	.00046	.00122	.00024	.0170
%RSD	1.4219	.63718	2.5683	.27691	2.5000	1.0492	1.0700	.78401

#1	.00579	2.1717	.01060	.03340	.01809	.11466	.02269	2.1869
#2	.00594	2.1672	.01062	.03341	.01898	.11709	.02260	2.1737
#3	.00592	2.1932	.01015	.03325	.01834	.11578	.02306	2.1531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04348	.01032	2.1200	.04511	.04258	2.1036	.20985	.10345
Stddev	.00031	.00034	.0112	.00011	.00028	.0354	.00080	.00632
%RSD	.70172	3.2864	.52635	.24111	.65635	1.6846	.37997	6.1101

#1	.04372	.00993	2.1265	.04512	.04280	2.1251	.21077	.10872
#2	.04358	.01056	2.1071	.04521	.04227	2.1230	.20931	.10518
#3	.04313	.01047	2.1264	.04500	.04268	2.0627	.20947	.09644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02814	.47388	.04183	.04228	.02298	.0187	.02091	F 1.5627
Stddev	.00664	.00473	.00042	.00055	.00274	.0006	.00014	.1366
%RSD	23.586	.99786	1.0059	1.3039	11.916	3.387	.68489	8.7384

#1	.03551	.46959	.04231	.04246	.02430	.0192	.02107	1.6811
#2	.02264	.47309	.04152	.04166	.01983	.0190	.02089	1.5936
#3	.02626	.47895	.04165	.04271	.02480	.0180	.02079	1.4133

Sample Name: CRI01 Acquired: 2/26/2019 12:41:02 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .12417
Stddev	.80159
%RSD	645.57

#1	.84968
#2	-.73635
#3	.25917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.6	43497.	4344.7	18.683	3828.8
Stddev	4.6	148.	14.0	1.058	7.1
%RSD	.12973	.34019	.32235	5.6646	.18466

#1	3576.3	43384.	4331.5	18.792	3820.8
#2	3584.0	43664.	4343.2	19.683	3831.5
#3	3584.6	43442.	4359.4	17.575	3834.2

Sample Name: ICSA01 Acquired: 2/26/2019 12:44:56 Type: Unk
Method: P4-ICP2(v2892) 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	-.00692	-.00477	.00527	-.00447	-.00832	290.95	-.00043	.00442
Stddev	.00384	.00189	.00099	.00247	.00261	.61	.00179	.00012
%RSD	55.487	39.695	18.707	55.236	31.389	.21078	414.03	2.7224
#1	-.01062	-.00332	.00494	-.00180	-.00679	290.86	.00005	.00436
#2	-.00296	-.00692	.00449	-.00494	-.01134	291.60	.00107	.00435
#3	-.00717	-.00408	.00637	-.00668	-.00684	290.38	-.00242	.00456
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00486	261.47	.06030	-.00099	.00121	96.686	.01598	276.05
Stddev	.00007	.44	.00024	.00013	.00010	.274	.00014	1.17
%RSD	1.4213	.16854	.39145	13.576	8.3485	.28382	.85960	.42375
#1	-.00487	261.97	.06054	-.00095	.00131	96.903	.01591	277.40
#2	-.00492	261.17	.06007	-.00114	.00111	96.377	.01589	275.35
#3	-.00478	261.26	.06029	-.00089	.00119	96.777	.01614	275.40
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00888	-.00944	.00154	.00126	-.01472	.06140	.00283	.06506
Stddev	.00043	.00048	.01172	.00078	.00008	.02303	.00063	.01102
%RSD	4.7904	5.1256	761.96	61.850	.54333	37.509	22.129	16.941
#1	-.00935	-.00987	-.01179	.00037	-.01469	.05718	.00304	.07277
#2	-.00873	-.00892	.00619	.00157	-.01466	.08625	.00212	.05244
#3	-.00854	-.00953	.01022	.00182	-.01481	.04077	.00332	.06998
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00483	-.00907	.01338	-.00246	F .02876	-.0026	.00332	4.7180
Stddev	.05483	.00101	.00061	.00147	.00165	.0020	.00042	.1437
%RSD	1135.7	11.084	4.5506	59.825	5.7442	77.69	12.517	3.0456
#1	-.02608	-.00990	.01307	-.00209	.02709	-.0010	.00303	4.5559
#2	.05745	-.00795	.01408	-.00409	.03039	-.0020	.00379	4.7683
#3	-.04585	-.00937	.01298	-.00121	.02881	-.0049	.00314	4.8297

Sample Name: ICSA01 Acquired: 2/26/2019 12:44:56 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.4508
%RSD	1.6556

#1	-148.03
#2	-145.58
#3	-150.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.5	38116.	4273.4	15.793	3061.5
Stddev	18.9	75.	20.1	.470	5.4
%RSD	.58565	.19795	.47130	2.9760	.17655

#1	3205.7	38174.	4267.9	16.242	3056.8
#2	3237.6	38143.	4295.7	15.833	3060.1
#3	3239.1	38031.	4256.5	15.304	3067.4

Sample Name: ICSAB01 Acquired: 2/26/2019 12:49:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10078	.08828	.05836	.04956	.60457	272.90	.50978	.55898
Stddev	.00093	.00192	.00334	.00524	.00031	1.47	.00213	.00106
%RSD	.91814	2.1787	5.7178	10.568	.05091	.53989	.41842	.18917
#1	.10135	.08755	.05458	.04510	.60422	271.71	.50818	.55840
#2	.10127	.09046	.06091	.05533	.60470	274.55	.50896	.55833
#3	.09971	.08683	.05959	.04826	.60480	272.44	.51221	.56020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0116	249.44	.56901	.50861	.50128	93.054	.52686	262.90
Stddev	.0038	.27	.00236	.00141	.00046	.414	.00257	.71
%RSD	.37513	.10821	.41406	.27689	.09080	.44485	.48698	.27145
#1	1.0139	249.34	.56801	.50981	.50159	93.030	.52650	262.08
#2	1.0136	249.74	.56732	.50895	.50150	92.652	.52449	263.23
#3	1.0072	249.23	.57170	.50706	.50076	93.479	.52958	263.39
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99740	.17952	.00801	.51572	1.0823	.02911	1.0814	1.1033
Stddev	.00254	.00062	.00217	.00113	.0047	.04529	.0007	.0164
%RSD	.25425	.34260	27.132	.21876	.43835	155.59	.06546	1.4894
#1	.99996	.18022	.00758	.51455	1.0847	-.00653	1.0821	1.1046
#2	.99489	.17905	.01037	.51680	1.0855	.08008	1.0815	1.1190
#3	.99734	.17930	.00609	.51581	1.0769	.01378	1.0807	1.0862
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1785	1.0019	1.0890	1.0618	F 1.2760	1.167	1.1843	5.0287
Stddev	.0079	.0089	.0046	.0114	.0046	.003	.0022	.1247
%RSD	.67338	.89061	.42298	1.0726	.35981	.2272	.18138	2.4790
#1	1.1859	1.0022	1.0943	1.0687	1.2724	1.167	1.1840	4.8851
#2	1.1794	.99287	1.0858	1.0680	1.2745	1.170	1.1866	5.1091
#3	1.1701	1.0107	1.0869	1.0486	1.2812	1.164	1.1823	5.0920

Sample Name: ICSAB01 Acquired: 2/26/2019 12:49:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.3794
%RSD .99580

#1 -137.89
#2 -137.56
#3 -140.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.6	38544.	4238.8	17.668	3065.6
Stddev	6.7	39.	7.9	.918	14.0
%RSD	.20592	.10047	.18681	5.1958	.45777

#1	3238.7	38580.	4236.2	16.622	3056.5
#2	3238.8	38503.	4247.7	18.337	3058.6
#3	3250.3	38548.	4232.5	18.046	3081.8

Sample Name: CCV01 Acquired: 2/26/2019 12:53:43 Type: Unk
 Method: P4-ICP2(v2892) 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	4.9675	4.9654	4.9666	4.9707	5.0729	9.7071	9.7898	.24968
Stddev	.0232	.0185	.0094	.0180	.0169	.0697	.0531	.00058
%RSD	.46778	.37292	.18835	.36179	.33309	.71786	.54228	.23176
#1	4.9604	4.9512	4.9664	4.9580	5.0625	9.6323	9.8425	.24964
#2	4.9486	4.9863	4.9761	4.9629	5.0638	9.7188	9.7364	.25029
#3	4.9934	4.9585	4.9574	4.9913	5.0924	9.7701	9.7904	.24913
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4672	24.908	.98998	2.4709	1.2464	5.0373	2.4754	24.894
Stddev	.0067	.131	.00204	.0071	.0014	.0457	.0141	.113
%RSD	.27211	.52417	.20628	.28784	.10904	.90787	.56880	.45550
#1	2.4681	24.903	.99157	2.4723	1.2456	5.0898	2.4701	24.850
#2	2.4734	24.780	.99068	2.4773	1.2456	5.0063	2.4913	24.809
#3	2.4601	25.041	.98768	2.4632	1.2480	5.0158	2.4647	25.023
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4540	1.2387	24.616	2.4698	2.4766	24.303	5.0268	4.9076
Stddev	.0056	.0052	.148	.0062	.0066	.146	.0194	.0444
%RSD	.22968	.41563	.60286	.25016	.26664	.59951	.38532	.90509
#1	2.4548	1.2391	24.778	2.4755	2.4782	24.458	5.0092	4.9085
#2	2.4593	1.2436	24.487	2.4632	2.4823	24.169	5.0236	4.8627
#3	2.4481	1.2334	24.582	2.4707	2.4693	24.281	5.0475	4.9515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8109	4.9789	4.8725	4.9762	4.8871	4.842	4.9869	F 3.7763
Stddev	.0213	.0318	.0189	.0300	.0432	.033	.0298	.2641
%RSD	.44282	.63923	.38823	.60289	.88364	.6813	.59812	6.9938
#1	4.8147	5.0155	4.8681	4.9928	4.9341	4.814	5.0183	4.0669
#2	4.8301	4.9633	4.8932	4.9416	4.8492	4.878	4.9590	3.5508
#3	4.7880	4.9579	4.8562	4.9942	4.8781	4.834	4.9834	3.7113

Sample Name: CCV01 Acquired: 2/26/2019 12:53:43 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2446
Stddev .5590
%RSD 17.230

#1 3.8771
#2 3.0403
#3 2.8165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.7	41761.	4330.2	17.661	3431.0
Stddev	15.4	170.	20.7	.517	9.2
%RSD	.44576	.40590	.47783	2.9266	.26840

#1	3471.4	41939.	4307.7	17.193	3435.4
#2	3463.1	41601.	4348.3	17.576	3420.4
#3	3441.6	41743.	4334.6	18.216	3437.1

Sample Name: LLCCV01 Acquired: 2/26/2019 12:57:43 Type: Unk
Method: P4-ICP2(v2892) 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	.02269	.04610	.01419	.02290	.05129	.10960	.10470	.00642
Stddev	.00244	.00162	.00059	.00174	.00074	.00998	.00176	.00002
%RSD	10.758	3.5207	4.1585	7.5811	1.4454	9.1034	1.6803	.27675
#1	.02416	.04604	.01480	.02229	.05196	.12037	.10596	.00641
#2	.02403	.04451	.01362	.02486	.05049	.10067	.10546	.00644
#3	.01987	.04775	.01415	.02155	.05142	.10777	.10269	.00642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.1498	.01064	.03312	.02231	.11587	.02264	2.2661
Stddev	.00004	.0088	.00014	.00033	.00015	.00073	.00019	.0128
%RSD	.64755	.40699	1.3552	.98495	.68705	.62750	.84234	.56645
#1	.00581	2.1550	.01078	.03274	.02217	.11632	.02245	2.2742
#2	.00587	2.1397	.01064	.03330	.02248	.11503	.02263	2.2513
#3	.00588	2.1546	.01049	.03332	.02229	.11626	.02283	2.2727
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04350	.01089	2.1079	.04450	.04291	2.0708	.20992	.11831
Stddev	.00027	.00041	.0049	.00077	.00037	.0267	.00042	.01174
%RSD	.62470	3.7282	.23416	1.7318	.86253	1.2917	.19926	9.9259
#1	.04367	.01077	2.1022	.04365	.04260	2.0639	.20965	.12415
#2	.04319	.01134	2.1108	.04515	.04282	2.1004	.21040	.12599
#3	.04364	.01055	2.1107	.04470	.04332	2.0483	.20971	.10479
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04130	.47455	.04189	.03982	.02076	.0194	.02096	F 1.5141
Stddev	.00351	.00545	.00043	.00070	.00274	.0006	.00010	.2220
%RSD	8.5042	1.1477	1.0169	1.7677	13.205	3.064	.46829	14.661
#1	.03874	.46955	.04188	.03936	.02192	.0199	.02106	1.7695
#2	.03986	.47375	.04231	.03947	.01763	.0196	.02095	1.3676
#3	.04530	.48036	.04146	.04063	.02272	.0188	.02086	1.4052

Sample Name: LLCCV01 Acquired: 2/26/2019 12:57:43 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .58716
Stddev 1.0814
%RSD 184.17

#1 1.6755
#2 -.48717
#3 .57319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.3	43904.	4404.1	18.986	3835.1
Stddev	6.0	166.	27.7	.602	5.0
%RSD	.16569	.37809	.62978	3.1731	.13109

#1	3585.0	43784.	4422.2	18.442	3839.1
#2	3591.9	43835.	4417.9	19.633	3836.9
#3	3596.9	44094.	4372.2	18.883	3829.5

Sample Name: CCB01 Acquired: 2/26/2019 13:02:10 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	-.00015	.00094	.00151	.00062	-.00359	.00183
Stddev	.00408	.00033	.00074	.00075	.00043	.00490	.00115
%RSD	210.09	216.23	77.948	49.501	69.626	136.25	63.173

#1	-.00152	-.00041	.00067	.00229	.00053	-.00605	.00250
#2	.00091	.00022	.00038	.00144	.00109	-.00677	.00249
#3	.00644	-.00027	.00178	.00080	.00024	.00204	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00002	-.00346	-.00021	-.00022	.00034	-.00010
Stddev	.00005	.00003	.02285	.00039	.00015	.00082	.00136
%RSD	64.926	143.90	660.71	180.53	67.207	245.83	1424.6

#1	.00013	.00001	-.02913	.00009	-.00030	.00117	-.00125
#2	.00007	-.00002	.00410	-.00065	-.00032	.00031	-.00044
#3	.00003	-.00006	.01466	-.00008	-.00005	-.00048	.00140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01973	.00028	.00023	-.05581	.00027	-.00026
Stddev	.00008	.01872	.00010	.00034	.01304	.00030	.00009
%RSD	545.34	94.870	35.693	146.33	23.366	110.73	35.876

#1	-.00000	.02580	.00024	-.00015	-.05507	-.00006	-.00037
#2	-.00006	-.00127	.00020	.00050	-.04316	.00052	-.00021
#3	.00010	.03466	.00039	.00035	-.06921	.00035	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01971	-.00028	.00044	F .02562	.00276	-.00008	-.00193
Stddev	.04151	.00009	.00786	.00800	.00174	.00079	.00101
%RSD	210.55	31.942	1787.1	31.234	63.096	998.81	52.629

#1	.02449	-.00037	.00950	.01853	.00090	.00074	-.00309
#2	-.05785	-.00019	-.00354	.03430	.00435	-.00014	-.00140
#3	-.02578	-.00029	-.00464	.02404	.00303	-.00083	-.00128

Sample Name: CCB01 Acquired: 2/26/2019 13:02:10 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.0005	-.00013	F 2.1272	F<.00000
Stddev	.00336	.0004	.00008	.2152	.23008
%RSD	3382.7	90.83	60.004	10.118	269.35

#1	-.00277	.0000	-.00005	2.3109	-.16485
#2	-.00073	-.0008	-.00020	2.1804	.17385
#3	.00380	-.0007	-.00015	1.8903	-.26526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.5	43503.	4337.2	18.819	3847.3
Stddev	3.0	103.	10.9	.471	2.2
%RSD	.08450	.23635	.25033	2.5019	.05741

#1	3546.7	43429.	4341.9	19.292	3849.5
#2	3542.0	43459.	4344.8	18.350	3845.0
#3	3547.6	43620.	4324.7	18.817	3847.4

Sample Name: LR CHECK 1 Acquired: 2/26/2019 13:07:58 Type: Unk
Method: P4-ICP2(v2892) 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	-.16912	-.10778	-.12033	-.26898	-.15983	1990.8	-.03169	.09793
Stddev	.00345	.00280	.00370	.00295	.00792	14.6	.00200	.00052
%RSD	2.0399	2.5961	3.0735	1.0962	4.9578	.73483	6.3141	.53130

#1	-.17061	-.11081	-.12316	-.26961	-.16402	2006.8	-.03378	.09773
#2	-.17159	-.10722	-.11614	-.27156	-.15069	1978.1	-.02980	.09754
#3	-.16518	-.10530	-.12168	-.26576	-.16478	1987.4	-.03149	.09852

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08581	1791.2	-.07624	.09569	.13362	891.73	-.00607	1760.7
Stddev	.00164	3.2	.00026	.00063	.00239	6.18	.00037	3.9
%RSD	1.9162	.17665	.34238	.65866	1.7875	.69251	6.1371	.22370

#1	.08436	1790.1	-.07647	.09498	.13107	898.28	-.00572	1763.1
#2	.08546	1788.7	-.07630	.09618	.13401	890.91	-.00603	1756.2
#3	.08760	1794.7	-.07595	.09591	.13580	886.01	-.00646	1763.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09246	-.30139	1743.7	.01103	.15862	1088.4	.00446	-.45990
Stddev	.00185	.00198	17.5	.00120	.00178	8.4	.00138	.03141
%RSD	2.0044	.65763	1.0060	10.859	1.1199	.77048	31.043	6.8293

#1	-.09203	-.29954	1762.1	.01237	.15772	1080.4	.00385	-.43988
#2	-.09086	-.30114	1741.7	.01064	.15748	1087.8	.00348	-.44373
#3	-.09449	-.30348	1727.2	.01008	.16067	1097.1	.00604	-.49610

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.19508	-.02662	.11520	-.04953	.25141	.0541	-.96634	<.00000
Stddev	.05587	.00449	.00437	.00211	.00311	.0029	.00682	.11479
%RSD	28.638	16.856	3.7952	4.2695	1.2383	5.426	.70626	1.9921

#1	-.14468	-.02972	.12003	-.04935	.25499	.0563	-.97352	-5.7694
#2	-.18541	-.02866	.11151	-.04751	.24936	.0552	-.96558	-5.6436
#3	-.25515	-.02147	.11407	-.05172	.24986	.0508	-.95993	-5.8728

Sample Name: LR CHECK 1 Acquired: 2/26/2019 13:07:58 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 5.0863
%RSD .20634

#1 -2459.4
#2 -2466.2
#3 -2469.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.8	28442.	3720.8	15.880	1829.4
Stddev	2.8	31.	9.0	.274	3.6
%RSD	.11581	.10753	.24282	1.7266	.19503

#1	2399.4	28408.	3710.4	16.038	1830.1
#2	2399.3	28452.	3726.4	15.564	1832.5
#3	2394.6	28467.	3725.7	16.038	1825.5

Sample Name: LR CHECK 2 Acquired: 2/26/2019 13:13:02 Type: Unk
Method: P4-ICP2(v2892) 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	.00028	-.00814	226.79	.03726	-.07963	-.31857	106.23	-.00113
Stddev	.00122	.00152	.79	.00198	.00443	.00906	2.60	.00003
%RSD	435.03	18.725	.34765	5.3232	5.5620	2.8452	2.4487	2.7116

#1	.00087	-.00640	227.68	.03786	-.08328	-.32734	106.81	-.00115
#2	.00110	-.00925	226.52	.03504	-.07470	-.30924	108.50	-.00114
#3	-.00113	-.00877	226.18	.03887	-.08090	-.31914	103.39	-.00109

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01649	.26100	-.12526	-.00883	269.32	-.76158	46.980	-.11247
Stddev	.00004	.01368	.00036	.00008	.94	.00261	.222	.03559
%RSD	.24556	5.2405	.28609	.94182	.35069	.34250	.47171	31.645

#1	-.01653	.24712	-.12554	-.00884	270.41	-.75873	46.725	-.10173
#2	-.01645	.27447	-.12486	-.00874	268.76	-.76216	47.085	-.08349
#3	-.01649	.26139	-.12540	-.00891	268.78	-.76385	47.130	-.15220

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.592	.00622	1.8306	-.21117	37.113	2.4104	-.00836	-.00792
Stddev	.116	.00065	.1614	.00049	.120	.2031	.00027	.00129
%RSD	.21208	10.390	8.8156	.23374	.32419	8.4275	3.2301	16.246

#1	54.693	.00558	1.9789	-.21060	37.226	2.5784	-.00851	-.00681
#2	54.466	.00622	1.8540	-.21146	36.987	2.4681	-.00805	-.00763
#3	54.618	.00687	1.6588	-.21145	37.127	2.1846	-.00852	-.00933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00805	.00732	.00448	-.00379	.00537	-.1414	.00318	4.2121
Stddev	.02882	.00212	.00099	.00168	.00172	.0019	.00010	.3237
%RSD	358.04	28.910	22.117	44.418	32.022	1.353	3.2210	7.6860

#1	.03412	.00560	.00512	-.00498	.00338	-.1392	.00306	4.0065
#2	.01292	.00969	.00498	-.00453	.00632	-.1425	.00324	4.5853
#3	-.02289	.00669	.00334	-.00187	.00640	-.1425	.00325	4.0446

Sample Name: LR CHECK 2 Acquired: 2/26/2019 13:13:02 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.711
Stddev	1.390
%RSD	3.8914

#1	34.506
#2	37.231
#3	35.395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3074.0	44133.	4394.1	16.511	3446.2
Stddev	10.8	121.	94.8	1.469	7.3
%RSD	.35185	.27439	2.1565	8.8991	.21223

#1	3074.0	44165.	4382.7	17.283	3440.4
#2	3084.9	43999.	4305.5	17.433	3454.4
#3	3063.2	44235.	4494.0	14.817	3443.8

Sample Name: K1564-03DLX10 Acquired: 2/26/2019 13:17:32 Type: Unk
Method: P4-ICP2(v2892) 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	-.00088	-.00127	.02019	.00190	.00602	.00667	.08501	.00005
Stddev	.00050	.00223	.00080	.00054	.00198	.01359	.00125	.00001
%RSD	56.383	176.07	3.9820	28.350	32.818	203.80	1.4704	24.994

#1	-.00138	-.00350	.02019	.00242	.00568	-.00050	.08357	.00006
#2	-.00038	-.00127	.02100	.00134	.00424	-.00184	.08568	.00004
#3	-.00089	.00097	.01939	.00195	.00815	.02234	.08578	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	.59980	.00046	.00079	.00274	.11851	.01475	.03020
Stddev	.00004	.01062	.00040	.00017	.00056	.00181	.00015	.04423
%RSD	1.4031	1.7705	85.933	21.078	20.599	1.5247	1.0258	146.46

#1	.00299	.59676	.00062	.00098	.00339	.11890	.01492	.07415
#2	.00306	.61161	.00001	.00067	.00245	.12010	.01471	-.01431
#3	.00299	.59103	.00075	.00072	.00238	.11655	.01463	.03076

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00019	29.251	-.00006	9.4621	.91741	-.00241	.04380
Stddev	.00027	.00033	.248	.00011	.0143	.03390	.00019	.00711
%RSD	49.030	173.81	.84629	180.91	.15153	3.6954	8.0478	16.239

#1	.00079	.00031	29.438	-.00007	9.4461	.94630	-.00256	.05084
#2	.00058	-.00018	28.970	.00005	9.4738	.92584	-.00219	.03662
#3	.00026	.00043	29.344	-.00018	9.4665	.88009	-.00249	.04394

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29035	.03737	.00044	-.00210	.00711	-.0002	.02577	2.2639
Stddev	.00549	.00312	.00040	.00107	.00156	.0011	.00006	.1199
%RSD	1.8901	8.3401	90.805	50.966	21.894	570.4	.25056	5.2964

#1	.28825	.03698	.00016	-.00124	.00717	.0008	.02580	2.3122
#2	.29658	.03447	.00091	-.00331	.00553	-.0013	.02582	2.1274
#3	.28623	.04066	.00026	-.00177	.00864	-.0001	.02570	2.3522

Sample Name: K1564-03DLX10 Acquired: 2/26/2019 13:17:32 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .57577
 %RSD 293.85

#1 .46569
 #2 -.58330
 #3 -.47021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.6	43583.	4456.9	18.792	3755.7
Stddev	6.3	44.	57.5	1.775	6.9
%RSD	.17534	.10154	1.2899	9.4433	.18485

#1	3564.7	43535.	4421.9	19.340	3761.4
#2	3559.8	43623.	4523.3	20.227	3748.0
#3	3572.2	43591.	4425.6	16.808	3757.6

Sample Name: K1564-06DLX10 Acquired: 2/26/2019 13:21:57 Type: Unk
Method: P4-ICP2(v2892) 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	-.00004	-.00034	.02330	.00169	.00549	.01062	.08705	.00006
Stddev	.00035	.00066	.00100	.00021	.00241	.00850	.00274	.00007
%RSD	984.36	191.91	4.2979	12.581	43.879	79.988	3.1504	116.06

#1	-.00016	-.00102	.02365	.00147	.00379	.01356	.08726	.00014
#2	-.00031	.00030	.02408	.00190	.00824	.01726	.08969	.00004
#3	.00037	-.00032	.02217	.00171	.00443	.00105	.08421	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01037	1.2378	.04181	.00065	.00131	.03935	.07443	.08602
Stddev	.00002	.0188	.00032	.00013	.00070	.00070	.00098	.04289
%RSD	.15209	1.5181	.77145	19.420	53.134	1.7880	1.3109	49.864

#1	.01036	1.2288	.04208	.00051	.00132	.03858	.07383	.12557
#2	.01039	1.2594	.04190	.00075	.00201	.03996	.07555	.04043
#3	.01037	1.2252	.04145	.00070	.00062	.03951	.07389	.09206

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00003	30.618	-.00021	7.6631	.74216	-.00179	.03061
Stddev	.00045	.00034	.146	.00019	.0039	.04043	.00042	.00401
%RSD	96.992	1061.4	.47538	89.684	.05131	5.4476	23.305	13.115

#1	.00046	.00034	30.655	-.00041	7.6586	.77905	-.00225	.03003
#2	.00002	.00007	30.741	-.00004	7.6647	.74850	-.00143	.02692
#3	.00092	-.00032	30.457	-.00017	7.6659	.69894	-.00171	.03488

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25264	.04003	.00005	-.00154	.00517	-.0004	.01785	1.7787
Stddev	.01445	.00403	.00067	.00075	.00025	.0009	.00013	.3589
%RSD	5.7183	10.065	1413.4	48.793	4.8262	207.2	.74665	20.177

#1	.26224	.03540	-.00072	-.00220	.00497	.0005	.01787	2.1553
#2	.23602	.04192	.00033	-.00171	.00509	-.0012	.01798	1.4407
#3	.25965	.04276	.00053	-.00072	.00545	-.0006	.01771	1.7401

Sample Name: K1564-06DLX10 Acquired: 2/26/2019 13:21:57 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.55564
Stddev	1.2284
%RSD	221.08

#1	1.7980
#2	-.65824
#3	.52712

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.7	43978.	4475.4	19.332	3759.7
Stddev	13.3	142.	19.3	1.203	2.6
%RSD	.36999	.32200	.43194	6.2232	.06904

#1	3586.3	43902.	4461.1	18.379	3758.1
#2	3575.2	43891.	4467.8	18.932	3758.2
#3	3601.7	44142.	4497.4	20.684	3762.6

Sample Name: K1597-01 Acquired: 2/26/2019 13:26:20 Type: Unk
Method: P4-ICP2(v2892) 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	.02509	-.01092	.32088	.01587	.00273	142.52	.99651
Stddev	.00435	.00178	.00172	.00363	.00180	.31	.00407
%RSD	17.348	16.305	.53642	22.882	66.110	.21895	.40803

#1	.02609	-.00910	.32228	.01205	.00065	142.39	.99701
#2	.02032	-.01099	.32140	.01928	.00378	142.30	.99221
#3	.02885	-.01266	.31895	.01629	.00375	142.88	1.0003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01101	-.00423	23.049	F 3.1372	.05393	.14059	130.03
Stddev	.00011	.00018	.111	.0062	.00004	.00040	.26
%RSD	.97255	4.3694	.48262	.19683	.08257	.28173	.20240

#1	.01089	-.00406	22.922	3.1351	.05398	.14104	129.76
#2	.01110	-.00443	23.128	3.1323	.05390	.14028	130.29
#3	.01103	-.00419	23.098	3.1441	.05392	.14045	130.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0733	18.345	.09515	-.00866	3.9187	.21801	1.0503
Stddev	.0065	.086	.00062	.00094	.0147	.00057	.0006
%RSD	.21078	.46746	.64924	10.832	.37638	.26362	.06210

#1	3.0702	18.287	.09445	-.00887	3.9051	.21743	1.0510
#2	3.0690	18.443	.09563	-.00947	3.9344	.21803	1.0500
#3	3.0808	18.305	.09537	-.00763	3.9167	.21858	1.0498

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6857	.00244	.08259	3.5066	1.7772	.02243	.59446
Stddev	.0249	.00018	.00179	.0284	.0247	.00064	.00516
%RSD	.43747	7.2496	2.1714	.81069	1.3892	2.8425	.86780

#1	5.7128	.00224	.08395	3.5195	1.7491	.02282	.60019
#2	5.6804	.00256	.08056	3.4740	1.7957	.02170	.59018
#3	5.6639	.00254	.08326	3.5264	1.7867	.02278	.59300

Sample Name: K1597-01 Acquired: 2/26/2019 13:26:20 Type: Unk
Method: P4-ICP2(v2892) 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	.13299	3.508	-.02311	<.00000	F<.00000
Stddev	.00074	.007	.00055	.26497	.95377
%RSD	.55928	.2015	2.3868	26.141	.36787
#1	.13255	3.515	-.02248	-.92499	-260.37
#2	.13385	3.501	-.02339	-.80428	-258.76
#3	.13257	3.508	-.02347	-1.3115	-258.68
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.0	47317.	5092.9	19.536	3465.6
Stddev	14.3	52.	7.3	.582	8.7
%RSD	.36634	.10995	.14387	2.9806	.24972
#1	3899.8	47270.	5095.2	19.261	3456.0
#2	3908.4	47373.	5084.6	20.205	3467.9
#3	3927.7	47307.	5098.7	19.143	3472.9

Sample Name: K1597-03 Acquired: 2/26/2019 13:30:40 Type: Unk
Method: P4-ICP2(v2892) 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	.07182	-.04514	4.5201	.00746	-.05267	154.43	1.2948
Stddev	.00328	.00315	.0073	.00343	.00076	.41	.0033
%RSD	4.5700	6.9838	.16035	45.995	1.4446	.26502	.25484

#1	.06851	-.04253	4.5236	.00800	-.05324	154.84	1.2912
#2	.07508	-.04425	4.5117	.01059	-.05181	154.43	1.2977
#3	.07186	-.04864	4.5249	.00379	-.05297	154.03	1.2954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03008	-.00256	154.31	.19596	.18150	4.8790	341.11
Stddev	.00028	.00049	.18	.00102	.00062	.0012	2.76
%RSD	.93664	19.080	.11735	.52005	.34345	.02375	.80932

#1	.02976	-.00203	154.13	.19641	.18139	4.8803	338.04
#2	.03025	-.00266	154.31	.19668	.18094	4.8786	341.90
#3	.03024	-.00299	154.49	.19479	.18217	4.8780	343.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2728	57.301	.23587	-.03716	2.3562	.44439	2.4964
Stddev	.0333	.157	.00075	.00026	.0078	.00066	.0032
%RSD	.40247	.27478	.31933	.70387	.33241	.14802	.13007

#1	8.2953	57.186	.23604	-.03687	2.3564	.44371	2.5001
#2	8.2346	57.238	.23505	-.03724	2.3483	.44502	2.4939
#3	8.2886	57.481	.23652	-.03737	2.3639	.44444	2.4953

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1532	.00721	.12788	3.7891	1.8640	.58741	1.9412
Stddev	.0432	.00037	.00547	.0263	.0099	.00142	.0062
%RSD	.53048	5.0706	4.2813	.69428	.52967	.24230	.31846

#1	8.1122	.00742	.12205	3.7777	1.8543	.58663	1.9382
#2	8.1984	.00743	.12866	3.7704	1.8637	.58654	1.9370
#3	8.1491	.00679	.13292	3.8191	1.8740	.58905	1.9483

Sample Name: K1597-03 Acquired: 2/26/2019 13:30:40 Type: Unk
 Method: P4-ICP2(v2892) 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	.18485	F 11.83	.05978	<.00000	F<.00000
Stddev	.00119	.03	.00298	.11525	2.5465
%RSD	.64442	.2460	4.9791	3.0341	.29113
#1	.18488	11.82	.06309	-3.8259	-871.77
#2	.18365	11.81	.05894	-3.8975	-876.47
#3	.18603	11.87	.05731	-3.6720	-875.82
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.1	46838.	5165.9	18.127	3199.6
Stddev	2.6	63.	18.6	1.527	1.8
%RSD	.06800	.13490	.35979	8.4261	.05690
#1	3838.3	46873.	5187.4	18.424	3199.5
#2	3834.1	46765.	5155.5	16.472	3201.4
#3	3838.9	46877.	5154.8	19.483	3197.8

Sample Name: K1566-01 Acquired: 2/26/2019 13:44:06 Type: Unk
Method: P4-ICP2(v2892) 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	-.00268	-.00506	.00723	.00316	.01118	.05195	.30383	-.00009
Stddev	.00122	.00262	.00048	.00328	.00155	.01668	.00569	.00008
%RSD	45.628	51.690	6.7021	103.83	13.869	32.107	1.8723	93.831

#1	-.00342	-.00239	.00756	.00326	.00944	.05443	.31018	-.00009
#2	-.00127	-.00517	.00667	.00638	.01167	.06726	.29919	-.00001
#3	-.00335	-.00763	.00745	-.00017	.01243	.03417	.30213	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01335	2.8918	.00185	-.00008	.00147	.06065	.01996	.60432
Stddev	.00008	.0454	.00019	.00046	.00062	.00199	.00010	.03553
%RSD	.62628	1.5686	10.033	605.46	41.725	3.2736	.49306	5.8787

#1	.01334	2.9331	.00169	-.00052	.00125	.06272	.01996	.56395
#2	.01344	2.8432	.00180	.00039	.00101	.06047	.01986	.63085
#3	.01327	2.8989	.00205	-.00009	.00217	.05876	.02005	.61815

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00005	262.42	.00047	1.5681	1.1300	-.00010	.03079
Stddev	.00012	.00067	1.81	.00047	.0034	.0101	.00037	.00663
%RSD	4.2369	1473.9	.68989	98.432	.21997	.88988	385.84	21.517

#1	.00302	.00031	262.43	.00012	1.5720	1.1399	-.00040	.03432
#2	.00289	.00054	260.60	.00030	1.5654	1.1301	-.00020	.03490
#3	.00277	-.00072	264.23	.00100	1.5668	1.1198	.00031	.02315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76628	.21867	.00216	-.00030	.00518	.1291	.01692	4.4051
Stddev	.00831	.00084	.00017	.00136	.00212	.0013	.00010	.4084
%RSD	1.0843	.38308	7.8799	456.36	40.872	1.022	.61908	9.2723

#1	.76232	.21779	.00204	-.00086	.00641	.1278	.01695	4.3346
#2	.76070	.21877	.00235	.00125	.00639	.1305	.01701	4.8442
#3	.77583	.21946	.00208	-.00128	.00273	.1290	.01681	4.0365

Sample Name: K1566-01 Acquired: 2/26/2019 13:44:06 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2641
 Stddev .9455
 %RSD 15.094

#1 6.8501
 #2 6.7689
 #3 5.1733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.3	40660.	4402.6	19.356	3380.8
Stddev	25.2	159.	32.8	.602	21.4
%RSD	.75397	.39066	.74568	3.1098	.63192

#1	3317.1	40669.	4372.2	18.783	3357.4
#2	3365.6	40497.	4437.4	19.300	3385.8
#3	3353.3	40814.	4398.2	19.983	3399.3

Sample Name: K1567-01 Acquired: 2/26/2019 13:48:39 Type: Unk
Method: P4-ICP2(v2892) 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	-.00029	-.00533	.01132	.00199	.00550	.18055	.00756	.00114
Stddev	.00202	.00191	.00070	.00450	.00068	.01920	.00138	.00016
%RSD	690.71	35.857	6.2003	225.81	12.407	10.634	18.192	13.731

#1	-.00033	-.00750	.01053	.00493	.00537	.20223	.00631	.00097
#2	.00174	-.00391	.01156	.00423	.00489	.16570	.00735	.00117
#3	-.00229	-.00458	.01186	-.00318	.00624	.17372	.00903	.00128

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	188.45	.02942	.00322	.00044	.10262	.14790	9.2173
Stddev	.00010	1.75	.00044	.00018	.00012	.00223	.00062	.0967
%RSD	75.415	.93098	1.5085	5.6345	27.363	2.1706	.41782	1.0492

#1	.00023	187.10	.02987	.00305	.00039	.10111	.14804	9.1161
#2	.00003	187.81	.02898	.00320	.00035	.10157	.14723	9.2269
#3	.00014	190.43	.02942	.00341	.00057	.10518	.14844	9.3088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01186	-.00177	319.87	.00257	.11056	4.9588	.00063	.04284
Stddev	.00031	.00026	4.96	.00056	.00026	.0467	.00014	.00584
%RSD	2.6368	14.607	1.5491	21.639	.23784	.94103	22.556	13.628

#1	.01222	-.00161	316.88	.00199	.11074	4.9310	.00079	.03935
#2	.01166	-.00164	317.15	.00263	.11026	5.0127	.00058	.03958
#3	.01170	-.00207	325.59	.00309	.11068	4.9327	.00052	.04958

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.61	3.2726	-.04957	-.00460	.03687	.0188	.34427	4.7754
Stddev	.25	.0328	.00101	.00062	.00302	.0011	.00300	.2615
%RSD	.17601	1.0024	2.0321	13.563	8.1883	5.931	.87172	5.4752

#1	142.85	3.2708	-.05072	-.00401	.03446	.0184	.34268	4.9117
#2	142.35	3.2408	-.04887	-.00455	.04025	.0201	.34240	4.9405
#3	142.65	3.3063	-.04912	-.00525	.03588	.0180	.34773	4.4739

Sample Name: K1567-01 Acquired: 2/26/2019 13:48:39 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.801
Stddev	1.317
%RSD	8.8983

#1	15.867
#2	13.329
#3	15.207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.9	39979.	4406.6	18.869	3240.8
Stddev	4.7	169.	35.6	.693	6.4
%RSD	.14465	.42311	.80879	3.6730	.19737

#1	3277.2	39832.	4400.1	19.456	3247.8
#2	3270.3	39941.	4445.0	19.046	3239.4
#3	3268.2	40164.	4374.6	18.104	3235.3

Sample Name: K1572-02 Acquired: 2/26/2019 13:53:09 Type: Unk
Method: P4-ICP2(v2892) 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	-.00405	-.00556	.01360	-.00040	-.00060	.13214	.02080	.00120
Stddev	.00117	.00142	.00080	.00186	.00027	.00059	.00150	.00009
%RSD	28.872	25.614	5.9203	464.52	44.842	.44491	7.2264	7.4002
#1	-.00304	-.00552	.01401	.00157	-.00040	.13194	.02094	.00130
#2	-.00378	-.00416	.01267	-.00065	-.00050	.13168	.01923	.00114
#3	-.00533	-.00701	.01411	-.00213	-.00091	.13280	.02223	.00116
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	251.68	.00134	.00429	.00402	.05242	.24673	15.505
Stddev	.00012	2.48	.00022	.00018	.00070	.00179	.00345	.089
%RSD	17.145	.98578	16.631	4.2634	17.287	3.4080	1.3965	.57433
#1	.00062	249.80	.00124	.00449	.00476	.05213	.24276	15.470
#2	.00067	250.75	.00119	.00413	.00338	.05080	.24895	15.606
#3	.00085	254.49	.00160	.00425	.00393	.05434	.24847	15.438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18842	-.00185	671.62	.00235	.12362	5.6805	.00051	.04479
Stddev	.00043	.00038	6.98	.00059	.00072	.0486	.00010	.00417
%RSD	.22768	20.560	1.0398	25.241	.58088	.85587	19.538	9.3187
#1	.18882	-.00204	666.15	.00241	.12384	5.6259	.00063	.04960
#2	.18847	-.00141	669.23	.00291	.12421	5.7190	.00045	.04273
#3	.18797	-.00210	679.49	.00173	.12282	5.6967	.00046	.04205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 169.23	3.2201	-.05785	-.00973	.05281	.0092	.44957	6.0252
Stddev	.57	.0270	.00099	.00088	.00301	.0015	.00319	.3392
%RSD	.33605	.83769	1.7090	9.0577	5.7011	16.74	.71052	5.6297
#1	168.87	3.1933	-.05687	-.00982	.04977	.0104	.44677	5.8156
#2	169.88	3.2196	-.05885	-.01057	.05579	.0096	.44889	5.8435
#3	168.93	3.2473	-.05782	-.00881	.05286	.0074	.45305	6.4166

Sample Name: K1572-02 Acquired: 2/26/2019 13:53:09 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.712
Stddev .716
%RSD 4.5548

#1 16.367
#2 14.948
#3 15.820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.4	38461.	4348.3	16.633	3055.3
Stddev	6.4	521.	31.2	1.026	3.8
%RSD	.20274	1.3534	.71780	6.1690	.12453

#1	3164.4	39058.	4377.6	16.242	3057.7
#2	3152.2	38228.	4351.7	15.859	3050.9
#3	3161.7	38098.	4315.5	17.797	3057.3

Sample Name: K1549-04 Acquired: 2/26/2019 13:57:38 Type: Unk
Method: P4-ICP2(v2892) 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	-.01917	-.03513	-.00876	.00965	-.00230	.78208	2.9712
Stddev	.00161	.00161	.00018	.00073	.00412	.00677	.0150
%RSD	8.3920	4.5901	2.0206	7.5408	179.22	.86559	.50416

#1	-.01993	-.03693	-.00868	.00957	.00240	.78011	2.9787
#2	-.02027	-.03382	-.00863	.01041	-.00400	.78962	2.9539
#3	-.01733	-.03465	-.00896	.00896	-.00530	.77652	2.9809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	-.00534	71.679	.00135	.00106	.09371	102.78
Stddev	.00013	.00038	.718	.00024	.00015	.00128	1.37
%RSD	2.8901	7.0912	1.0011	17.676	14.011	1.3642	1.3370

#1	.00470	-.00573	72.484	.00160	.00115	.09256	104.36
#2	.00450	-.00497	71.447	.00132	.00089	.09349	101.88
#3	.00476	-.00533	71.106	.00113	.00114	.09508	102.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75456	15.536	.08217	-.00637	1460.5	.00267	9.6712
Stddev	.00510	.157	.00060	.00090	39.4	.00047	.0159
%RSD	.67634	1.0092	.72887	14.157	2.6972	17.562	.16403

#1	.76024	15.717	.08169	-.00543	1506.0	.00319	9.6533
#2	.75036	15.450	.08285	-.00646	1438.7	.00258	9.6835
#3	.75310	15.442	.08198	-.00723	1436.8	.00226	9.6769

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.247	.00079	1.3466	F 956.23	F 10.807	-.33742	.00698
Stddev	.104	.00030	.0358	.83	.157	.00023	.00146
%RSD	.60041	38.264	2.6601	.08650	1.4548	.06707	20.949

#1	17.362	.00053	1.3863	955.35	10.980	-.33719	.00812
#2	17.162	.00072	1.3365	957.00	10.672	-.33764	.00749
#3	17.217	.00113	1.3168	956.34	10.768	-.33743	.00533

Sample Name: K1549-04 Acquired: 2/26/2019 13:57:38 Type: Unk
Method: P4-ICP2(v2892) 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	.04963	.4389	.14455	8.2020	F<.00000
Stddev	.00187	.0017	.00213	.1431	.70609
%RSD	3.7597	.3943	1.4720	1.7445	.49419

#1	.04842	.4394	.14696	8.0394	-142.49
#2	.04869	.4403	.14296	8.3089	-142.46
#3	.05178	.4369	.14372	8.2575	-143.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.5	34596.	4151.7	15.150	2771.8
Stddev	3.5	131.	67.5	.514	5.7
%RSD	.12189	.38000	1.6252	3.3904	.20456

#1	2899.7	34447.	4074.2	15.013	2769.5
#2	2899.3	34646.	4197.4	14.719	2767.7
#3	2905.6	34695.	4183.6	15.718	2778.3

Sample Name: CCV02 Acquired: 2/26/2019 14:02:06 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1669	5.1238	5.1008	5.1566	5.2141	9.8585	9.9719	.25612
Stddev	.0066	.0070	.0111	.0105	.0098	.0672	.1332	.00066
%RSD	.12842	.13747	.21839	.20362	.18734	.68144	1.3359	.25936
#1	5.1651	5.1213	5.0884	5.1656	5.2252	9.8405	9.8849	.25684
#2	5.1613	5.1317	5.1099	5.1451	5.2101	9.9328	9.9055	.25597
#3	5.1742	5.1183	5.1042	5.1590	5.2069	9.8021	10.125	.25554
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5159	25.207	1.0018	2.5399	1.2792	5.1011	2.5135	25.226
Stddev	.0062	.173	.0012	.0072	.0025	.0515	.0009	.129
%RSD	.24638	.68571	.12045	.28500	.19751	1.0096	.03467	.51170
#1	2.5088	25.085	1.0017	2.5317	1.2795	5.0884	2.5135	25.117
#2	2.5186	25.132	1.0031	2.5428	1.2816	5.0572	2.5126	25.192
#3	2.5203	25.405	1.0007	2.5453	1.2765	5.1578	2.5143	25.369
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4901	1.2663	26.153	2.4963	2.5653	25.198	5.2482	4.8421
Stddev	.0042	.0025	.318	.0022	.0066	.240	.0034	.0446
%RSD	.16784	.19505	1.2164	.08834	.25838	.95174	.06471	.92048
#1	2.4853	1.2666	25.967	2.4982	2.5577	25.030	5.2477	4.8138
#2	2.4928	1.2637	25.972	2.4938	2.5679	25.091	5.2519	4.8189
#3	2.4922	1.2686	26.521	2.4968	2.5702	25.472	5.2452	4.8934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0988	5.4458	4.9199	5.0723	4.9783	4.974	5.0650	F 4.0389
Stddev	.0238	.0554	.0099	.0262	.0531	.012	.0634	.0750
%RSD	.46657	1.0167	.20071	.51620	1.0663	.2309	1.2519	1.8568
#1	5.0878	5.4959	4.9090	5.0581	4.9485	4.980	5.0235	3.9922
#2	5.0825	5.3864	4.9225	5.0563	4.9468	4.982	5.0335	3.9991
#3	5.1261	5.4552	4.9282	5.1025	5.0396	4.961	5.1380	4.1254

Sample Name: CCV02 Acquired: 2/26/2019 14:02:06 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3049
Stddev	.2231
%RSD	6.7521

#1	3.4724
#2	3.0516
#3	3.3907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.6	42247.	4413.1	16.772	3443.2
Stddev	4.7	24.	46.1	.615	4.7
%RSD	.13782	.05666	1.0453	3.6684	.13731

#1	3432.2	42231.	4419.7	17.460	3447.8
#2	3441.0	42236.	4455.6	16.582	3443.5
#3	3439.6	42274.	4364.0	16.275	3438.4

Sample Name: CCB02 Acquired: 2/26/2019 14:06:04 Type: Unk
Method: P4-ICP2(v2892) 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	.00160	.00051	.00112	.00218	.00305	-.00314	-.00866	.00000
Stddev	.00051	.00120	.00068	.00313	.00078	.01754	.00068	.00003
%RSD	31.991	237.12	60.429	143.80	25.556	558.18	7.9079	706.08
#1	.00101	.00112	.00064	.00207	.00219	-.02257	-.00818	.00004
#2	.00196	-.00087	.00190	-.00090	.00370	.00163	-.00944	-.00003
#3	.00182	.00127	.00082	.00537	.00325	.01151	-.00836	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00114	-.00006	-.00007	.00028	.00263	.00009	.02271
Stddev	.00002	.00662	.00020	.00004	.00031	.00226	.00001	.00860
%RSD	39.054	580.20	319.33	63.561	107.89	85.893	13.260	37.864
#1	.00007	-.00860	.00016	-.00009	.00043	.00517	.00008	.01324
#2	.00003	.00404	-.00025	-.00002	-.00007	.00083	.00011	.03003
#3	.00005	.00114	-.00010	-.00010	.00049	.00190	.00009	.02487
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00051	.60899	-.00028	-.00025	.32840	-.00015	-.00068
Stddev	.00018	.00027	.01375	.00048	.00009	.02053	.00034	.00690
%RSD	52.019	52.883	2.2578	169.85	35.006	6.2522	228.06	1009.9
#1	.00029	-.00042	.61513	-.00038	-.00018	.30693	.00024	.00728
#2	.00054	-.00082	.61860	-.00071	-.00021	.34784	-.00039	-.00476
#3	.00020	-.00030	.59324	.00024	-.00035	.33043	-.00031	-.00457
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .07310	.08398	.00043	.00002	.00468	-.0022	.00014	2.1398
Stddev	.01138	.00608	.00059	.00202	.00015	.0021	.00001	.0210
%RSD	15.571	7.2415	137.80	11658.	3.3110	95.90	8.1537	.97885
#1	.06470	.09023	-.00005	.00225	.00470	-.0038	.00015	2.1483
#2	.06855	.07808	.00108	-.00167	.00451	-.0032	.00014	2.1552
#3	.08605	.08364	.00025	-.00053	.00482	.0002	.00013	2.1160

Sample Name: CCB02 Acquired: 2/26/2019 14:06:04 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.2859
%RSD 889.03

#1 .15603
#2 .96429
#3 -1.5542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.7	44833.	4468.2	19.167	3890.5
Stddev	10.9	4.	75.4	1.664	5.1
%RSD	.30242	.00844	1.6885	8.6838	.13047

#1	3584.5	44829.	4381.2	17.458	3884.6
#2	3605.4	44837.	4515.3	20.783	3893.4
#3	3600.2	44834.	4508.1	19.258	3893.4

Sample Name: PB117357BL Acquired: 2/26/2019 14:10:32 Type: Unk
Method: P4-ICP2(v2892) 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	.00214	-.00091	.00079	.00313	-.00097	-.00282	-.01011
Stddev	.00158	.00036	.00153	.00320	.00084	.01063	.00249
%RSD	73.900	39.420	194.48	102.23	86.619	376.77	24.658

#1	.00206	-.00128	-.00089	.00551	-.00054	-.01485	-.01279
#2	.00376	-.00056	.00211	.00440	-.00044	.00107	-.00787
#3	.00060	-.00088	.00115	-.00051	-.00195	.00532	-.00965

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00015	.00955	-.00031	.00012	.00031	-.00056
Stddev	.00005	.00009	.01333	.00018	.00005	.00046	.00080
%RSD	144.62	60.210	139.52	59.640	45.156	147.40	144.62

#1	.00008	.00026	.01351	-.00037	.00017	-.00022	-.00096
#2	-.00002	.00010	-.00530	-.00046	.00011	.00056	.00037
#3	.00004	.00010	.02046	-.00010	.00007	.00058	-.00108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00967	.00058	-.00034	.31895	-.00043	.00018
Stddev	.00005	.03651	.00016	.00042	.00656	.00024	.00046
%RSD	9961.7	377.53	27.020	125.22	2.0568	55.736	252.36

#1	.00003	.02953	.00068	.00006	.32432	-.00050	.00001
#2	.00003	-.04271	.00065	-.00078	.32088	-.00016	.00071
#3	-.00006	-.01583	.00040	-.00030	.31164	-.00062	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24177	-.00033	-.00352	F .05558	.04584	-.00013	-.00147
Stddev	.01117	.00000	.00989	.00948	.00140	.00062	.00184
%RSD	4.6219	1.2624	281.31	17.064	3.0544	489.25	124.68

#1	.25081	-.00033	-.01485	.05171	.04540	-.00084	-.00162
#2	.24523	-.00033	.00338	.04864	.04471	.00025	-.00324
#3	.22928	-.00033	.00091	.06639	.04741	.00021	.00043

Sample Name: PB117357BL Acquired: 2/26/2019 14:10:32 Type: Unk
Method: P4-ICP2(v2892) 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	.00273	-.0007	.00005	F 1.5161	F<.00000
Stddev	.00290	.0011	.00006	.2758	.95281
%RSD	106.41	161.2	122.81	18.193	108.16

#1	.00190	-.0002	.00008	1.8141	-1.0384
#2	.00033	.0001	.00009	1.2697	.14079
#3	.00596	-.0020	-.00002	1.4644	-1.7452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.3	45200.	4537.8	18.825	3919.0
Stddev	22.2	39.	8.0	.435	16.8
%RSD	.61622	.08555	.17715	2.3083	.42818

#1	3574.8	45199.	4528.6	18.342	3901.1
#2	3610.9	45162.	4543.6	18.950	3921.6
#3	3615.2	45240.	4541.2	19.183	3934.4

Sample Name: PB117357BS Acquired: 2/26/2019 14:15:00 Type: Unk
Method: P4-ICP2(v2892) 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	.80996	2.0662	1.0046	2.0080	.87308	1.9885	.20843
Stddev	.00075	.0184	.0045	.0107	.00240	.0074	.00313
%RSD	.09273	.89164	.44789	.53144	.27458	.37125	1.5028

#1	.80913	2.0820	1.0011	2.0011	.87570	1.9944	.20979
#2	.81015	2.0706	1.0097	2.0026	.87100	1.9907	.20484
#3	.81060	2.0459	1.0031	2.0203	.87253	1.9802	.21064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19906	.19341	1.0840	.41602	.20379	.32585	3.2906
Stddev	.00041	.00088	.0139	.00005	.00069	.00160	.0148
%RSD	.20588	.45489	1.2817	.01102	.33719	.49135	.45020

#1	.19910	.19265	1.0844	.41608	.20402	.32402	3.2860
#2	.19945	.19438	1.0976	.41600	.20433	.32653	3.2787
#3	.19863	.19320	1.0699	.41600	.20301	.32700	3.3072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21139	2.1544	.49911	.07151	F 3.4654	.30881	.19804
Stddev	.00078	.0282	.00215	.00032	.0087	.00100	.00073
%RSD	.36875	1.3072	.43058	.44292	.25151	.32243	.36801

#1	.21168	2.1804	.50018	.07120	3.4560	.30857	.19777
#2	.21198	2.1245	.50052	.07183	3.4732	.30991	.19887
#3	.21051	2.1584	.49664	.07152	3.4671	.30796	.19748

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.763	.44478	.29462	F .04831	1.0040	.67761	.20988
Stddev	.033	.00133	.00762	.01114	.0181	.00399	.00168
%RSD	.31008	.29919	2.5859	23.064	1.7982	.58859	.80206

#1	10.797	.44340	.29425	.05719	.99827	.68150	.21122
#2	10.730	.44489	.28719	.05193	.98950	.67779	.21043
#3	10.762	.44605	.30242	.03581	1.0242	.67353	.20799

Sample Name: PB117357BS Acquired: 2/26/2019 14:15:00 Type: Unk
 Method: P4-ICP2(v2892) 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	.22265	F 5.439	.20968	F 2.3142	F<.00000
Stddev	.00147	.011	.00033	.0371	.45090
%RSD	.65957	.1963	.15577	1.6022	4.0599

#1	.22281	5.447	.20940	2.2804	-10.696
#2	.22111	5.443	.20959	2.3084	-11.034
#3	.22404	5.427	.21004	2.3539	-11.589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.5	43956.	4425.5	19.500	3788.6
Stddev	3.9	159.	12.7	1.543	33.2
%RSD	.11052	.36140	.28599	7.9118	.87606

#1	3533.7	43905.	4434.5	18.208	3770.2
#2	3526.0	43830.	4431.0	21.208	3768.7
#3	3528.8	44135.	4411.0	19.083	3826.9

Sample Name: K1597-05 Acquired: 2/26/2019 14:19:07 Type: Unk
Method: P4-ICP2(v2892) 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	.03637	-.00584	1.1321	.01218	-.01707	96.315	1.0769
Stddev	.00136	.00105	.0056	.00151	.00020	.306	.0135
%RSD	3.7425	17.953	.49002	12.398	1.1420	.31793	1.2561

#1	.03594	-.00472	1.1349	.01156	-.01689	95.999	1.0615
#2	.03790	-.00602	1.1357	.01109	-.01705	96.610	1.0826
#3	.03528	-.00679	1.1257	.01391	-.01728	96.335	1.0867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01016	-.00231	29.968	.19669	.03617	.08757	126.54
Stddev	.00004	.00010	.322	.00037	.00017	.00070	1.11
%RSD	.39355	4.4648	1.0752	.18692	.45988	.80249	.87391

#1	.01013	-.00222	29.677	.19708	.03618	.08827	125.57
#2	.01020	-.00231	29.912	.19635	.03600	.08686	126.30
#3	.01014	-.00242	30.314	.19664	.03633	.08758	127.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3197	8.0070	.05700	-.00711	1.7242	.26745	2.4077
Stddev	.0107	.0384	.00075	.00056	.0085	.00072	.0038
%RSD	.46341	.47912	1.3228	7.8498	.49368	.26911	.15891

#1	2.3074	8.0161	.05646	-.00654	1.7148	.26670	2.4103
#2	2.3244	8.0400	.05786	-.00766	1.7265	.26751	2.4095
#3	2.3273	7.9649	.05669	-.00713	1.7314	.26814	2.4033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8930	.00190	.06840	1.6420	1.6732	.01687	.30398
Stddev	.0124	.00047	.00482	.0114	.0417	.00075	.00385
%RSD	.25412	24.889	7.0488	.69673	2.4915	4.4198	1.2653

#1	4.8920	.00172	.06686	1.6484	1.6545	.01763	.30019
#2	4.9059	.00154	.07380	1.6489	1.6441	.01685	.30788
#3	4.8811	.00244	.06454	1.6288	1.7209	.01614	.30387

Sample Name: K1597-05 Acquired: 2/26/2019 14:19:07 Type: Unk
 Method: P4-ICP2(v2892) 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	.10880	5.405	.01246	<.00000	F<.00000
Stddev	.00133	.033	.00118	.31490	2.5524
%RSD	1.2198	.6177	9.4392	30.613	1.0285
#1	.10927	5.398	.01327	-.66628	-248.10
#2	.10983	5.441	.01301	-1.1840	-245.66
#3	.10730	5.375	.01111	-1.2357	-250.76
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.4	47201.	5004.3	18.825	3534.3
Stddev	7.7	79.	33.1	.489	.9
%RSD	.20043	.16658	.66075	2.5965	.02528
#1	3838.7	47174.	5034.5	19.310	3534.3
#2	3845.9	47139.	5009.4	18.831	3533.4
#3	3830.5	47289.	4968.9	18.333	3535.2

Sample Name: K1597-07 Acquired: 2/26/2019 14:23:29 Type: Unk
Method: P4-ICP2(v2892) 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	.02077	-.00716	.17811	.00562	-.01792	150.26	1.6170
Stddev	.00122	.00144	.00226	.00157	.00060	.61	.0039
%RSD	5.8979	20.124	1.2667	27.899	3.3604	.40349	.23840

#1	.02086	-.00585	.17947	.00625	-.01734	150.13	1.6159
#2	.02194	-.00693	.17934	.00383	-.01787	149.73	1.6138
#3	.01950	-.00870	.17550	.00677	-.01854	150.92	1.6213

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01085	-.00350	24.786	.21391	.03851	.15032	110.90
Stddev	.00016	.00018	.072	.00149	.00041	.00023	.42
%RSD	1.4429	4.9988	.29242	.69585	1.0591	.15613	.37843

#1	.01080	-.00368	24.721	.21316	.03816	.15031	110.98
#2	.01072	-.00333	24.774	.21295	.03896	.15056	111.27
#3	.01102	-.00350	24.864	.21562	.03841	.15010	110.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86576	8.8747	.07868	-.00853	1.2869	.27092	.27883
Stddev	.00006	.0402	.00045	.00047	.0077	.00194	.00198
%RSD	.00749	.45331	.57760	5.5055	.59510	.71551	.71072

#1	.86570	8.8952	.07898	-.00884	1.2803	.26939	.27750
#2	.86583	8.8283	.07890	-.00875	1.2851	.27028	.28111
#3	.86575	8.9005	.07815	-.00799	1.2953	.27310	.27789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4047	-.00044	.05982	1.5064	1.3405	.02652	.31719
Stddev	.0510	.00030	.00344	.0183	.0142	.00047	.00136
%RSD	.94404	69.178	5.7530	1.2156	1.0560	1.7821	.42727

#1	5.4358	-.00076	.05590	1.4997	1.3246	.02664	.31566
#2	5.4326	-.00042	.06234	1.5271	1.3517	.02691	.31768
#3	5.3459	-.00015	.06123	1.4924	1.3453	.02600	.31824

Sample Name: K1597-07 Acquired: 2/26/2019 14:23:29 Type: Unk
 Method: P4-ICP2(v2892) 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	.08571	1.752	.02982	<.00000	F<.00000
Stddev	.00241	.009	.00024	.51753	2.9299
%RSD	2.8164	.5156	.81261	8.3345	1.1364

#1	.08324	1.745	.02954	-5.6778	-255.34
#2	.08807	1.762	.02995	-6.2392	-257.09
#3	.08583	1.749	.02998	-6.7116	-261.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4539.2	55165.	5906.2	18.338	3474.3
Stddev	13.8	33.	23.5	.458	22.0
%RSD	.30359	.05984	.39807	2.4968	.63267

#1	4528.3	55153.	5899.9	18.633	3484.6
#2	4534.6	55202.	5886.4	18.571	3449.1
#3	4554.7	55140.	5932.2	17.811	3489.3

Sample Name: K1597-11 Acquired: 2/26/2019 14:27:51 Type: Unk
Method: P4-ICP2(v2892) 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	.07181	-.01502	.57390	.01117	-.02861	140.99	1.1649
Stddev	.00191	.00153	.00748	.00229	.00102	.24	.0055
%RSD	2.6565	10.181	1.3027	20.491	3.5678	.17095	.46999

#1	.07385	-.01673	.58221	.01054	-.02747	140.79	1.1648
#2	.07008	-.01380	.57177	.01371	-.02944	141.26	1.1704
#3	.07149	-.01452	.56772	.00926	-.02892	140.93	1.1595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01876	-.00513	20.993	.19073	.06005	.26270	208.59
Stddev	.00011	.00016	.093	.00065	.00047	.00210	.24
%RSD	.61267	3.1601	.44286	.33972	.78306	.80005	.11548

#1	.01885	-.00499	20.886	.19024	.06027	.26506	208.33
#2	.01881	-.00509	21.042	.19147	.06037	.26104	208.64
#3	.01863	-.00530	21.052	.19049	.05951	.26199	208.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1400	16.744	.09074	-.01604	2.1595	.35713	1.0625
Stddev	.0059	.076	.00077	.00039	.0032	.00433	.0045
%RSD	.27546	.45373	.85251	2.4148	.14855	1.2127	.42746

#1	2.1467	16.812	.09155	-.01579	2.1623	.35270	1.0667
#2	2.1356	16.757	.09000	-.01649	2.1602	.36136	1.0631
#3	2.1376	16.662	.09067	-.01584	2.1560	.35732	1.0577

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6228	.00151	.09727	1.2830	1.5635	.03832	.65851
Stddev	.0374	.00026	.00876	.0260	.0276	.00102	.00360
%RSD	.80805	17.120	9.0031	2.0291	1.7678	2.6729	.54675

#1	4.6367	.00180	.08785	1.3109	1.5488	.03931	.65447
#2	4.5805	.00139	.09879	1.2790	1.5954	.03726	.66138
#3	4.6513	.00133	.10516	1.2593	1.5463	.03839	.65969

Sample Name: K1597-11 Acquired: 2/26/2019 14:27:51 Type: Unk
Method: P4-ICP2(v2892) 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	.11397	7.120	-.10650	<.00000	F<.00000
Stddev	.00276	.058	.00033	.25619	2.6084
%RSD	2.4250	.8156	.30670	6.3819	.55034
#1	.11503	7.187	-.10618	-4.2600	-473.27
#2	.11604	7.091	-.10650	-4.0344	-476.84
#3	.11083	7.083	-.10683	-3.7488	-471.76
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4003.9	48862.	5282.5	18.500	3386.7
Stddev	13.1	87.	10.4	.571	15.4
%RSD	.32634	.17744	.19690	3.0846	.45427
#1	3990.7	48783.	5284.7	18.334	3371.2
#2	4016.8	48955.	5271.2	19.135	3386.9
#3	4004.3	48848.	5291.7	18.030	3401.9

Sample Name: K1597-13 Acquired: 2/26/2019 14:32:18 Type: Unk
Method: P4-ICP2(v2892) 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	.03609	-.04440	.60035	.00468	-.02802	165.64	1.3321
Stddev	.00215	.00162	.00300	.00300	.00038	.46	.0074
%RSD	5.9577	3.6421	.49924	64.136	1.3629	.28017	.55758

#1	.03610	-.04524	.60157	.00813	-.02841	165.13	1.3363
#2	.03393	-.04543	.59694	.00327	-.02800	165.78	1.3365
#3	.03823	-.04254	.60255	.00264	-.02765	166.02	1.3236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01929	.00127	196.70	.28491	.09370	.47630	185.98
Stddev	.00015	.00011	1.23	.00183	.00049	.00167	1.68
%RSD	.78567	8.3868	.62680	.64349	.51843	.35124	.90353

#1	.01917	.00124	197.35	.28299	.09420	.47441	187.09
#2	.01946	.00119	197.48	.28511	.09324	.47758	186.80
#3	.01924	.00139	195.28	.28664	.09365	.47692	184.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8687	105.45	.15995	-.01873	4.4169	.40737	1.9647
Stddev	.0093	.44	.00086	.00073	.0184	.00305	.0048
%RSD	.49531	.42006	.53975	3.9018	.41758	.74969	.24438

#1	1.8619	105.80	.16036	-.01798	4.4131	.40437	1.9701
#2	1.8651	105.59	.16054	-.01875	4.4369	.40728	1.9634
#3	1.8793	104.95	.15896	-.01944	4.4006	.41047	1.9607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9995	.00828	.08598	4.3384	1.6622	.06578	1.7494
Stddev	.0772	.00021	.00764	.0177	.0124	.00041	.0043
%RSD	1.1025	2.5525	8.8906	.40766	.74820	.61882	.24438

#1	7.0502	.00852	.08495	4.3543	1.6760	.06608	1.7540
#2	7.0376	.00814	.07890	4.3193	1.6518	.06532	1.7455
#3	6.9107	.00817	.09409	4.3415	1.6588	.06596	1.7489

Sample Name: K1597-13 Acquired: 2/26/2019 14:32:18 Type: Unk
Method: P4-ICP2(v2892) 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	.12783	6.838	.09511	<.00000	F<.00000
Stddev	.00152	.001	.00049	.38413	2.1864
%RSD	1.1854	.0124	.51572	6.6734	.45280

#1	.12945	6.837	.09462	-5.8353	-482.21
#2	.12645	6.839	.09509	-5.3385	-485.29
#3	.12758	6.837	.09560	-6.0944	-481.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4227.8	52139.	5793.2	16.100	3063.6
Stddev	18.2	66.	52.5	.675	14.2
%RSD	.43062	.12753	.90618	4.1948	.46363

#1	4213.6	52209.	5753.9	15.336	3050.7
#2	4221.3	52077.	5772.9	16.617	3061.4
#3	4248.3	52130.	5852.8	16.346	3078.8

Sample Name: K1597-15 Acquired: 2/26/2019 14:36:43 Type: Unk
Method: P4-ICP2(v2892) 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	.08523	-.00841	1.0915	.01656	-.01582	97.964	1.0557
Stddev	.00528	.00097	.0038	.00158	.00101	.103	.0045
%RSD	6.1994	11.576	.34818	9.5221	6.3689	.10526	.42822

#1	.09073	-.00769	1.0921	.01604	-.01541	98.073	1.0524
#2	.08019	-.00952	1.0950	.01530	-.01508	97.868	1.0537
#3	.08476	-.00802	1.0875	.01833	-.01696	97.950	1.0608

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01086	-.00463	7.9240	.12440	.05086	.47308	128.83
Stddev	.00010	.00003	.0705	.00060	.00010	.00118	.89
%RSD	.88723	.66443	.88981	.48212	.20083	.24894	.69292

#1	.01092	-.00465	7.8610	.12384	.05080	.47173	128.05
#2	.01075	-.00459	7.9109	.12434	.05080	.47355	128.62
#3	.01091	-.00464	8.0002	.12503	.05098	.47394	129.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7709	10.037	.08890	-.00643	1.3705	.21543	.48686
Stddev	.0101	.017	.00064	.00110	.0070	.00042	.00165
%RSD	.36383	.16867	.72422	17.102	.50811	.19667	.33872

#1	2.7790	10.039	.08819	-.00764	1.3644	.21495	.48685
#2	2.7596	10.019	.08944	-.00614	1.3781	.21574	.48852
#3	2.7742	10.053	.08908	-.00550	1.3691	.21561	.48522

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2415	.00357	.06498	2.7268	1.3122	.06292	.43015
Stddev	.0491	.00017	.00517	.0138	.0180	.00064	.00177
%RSD	1.5136	4.6777	7.9571	.50428	1.3710	1.0123	.41197

#1	3.1914	.00342	.06220	2.7157	1.2955	.06242	.42857
#2	3.2895	.00353	.07095	2.7422	1.3100	.06364	.43206
#3	3.2435	.00375	.06179	2.7225	1.3313	.06270	.42980

Sample Name: K1597-15 Acquired: 2/26/2019 14:36:43 Type: Unk
 Method: P4-ICP2(v2892) 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	.09584	5.722	-.06558	<.00000	F<.00000
Stddev	.00119	.022	.00102	.10466	2.0157
%RSD	1.2461	.3811	1.5542	5.1746	.75909
#1	.09459	5.727	-.06476	-2.0929	-263.89
#2	.09597	5.697	-.06525	-1.9023	-264.95
#3	.09697	5.740	-.06672	-2.0726	-267.79
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3942.4	49124.	5142.4	19.199	3521.1
Stddev	6.7	165.	29.1	1.083	2.6
%RSD	.16898	.33541	.56518	5.6382	.07469
#1	3946.5	48943.	5162.0	18.413	3518.1
#2	3934.7	49266.	5156.2	18.750	3522.4
#3	3946.0	49163.	5109.0	20.434	3522.9

Sample Name: K1596-03 Acquired: 2/26/2019 14:41:03 Type: Unk
Method: P4-ICP2(v2892) 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	.08068	-.14471	4.4109	.00288	-.02892	156.60	1.7052
Stddev	.00254	.00132	.0032	.00626	.00348	9.56	.0211
%RSD	3.1508	.91392	.07136	217.02	12.041	6.1028	1.2405

#1	.08285	-.14621	4.4114	-.00403	-.02577	145.57	1.6838
#2	.08131	-.14370	4.4137	.00818	-.02835	161.98	1.7261
#3	.07788	-.14421	4.4075	.00450	-.03266	162.26	1.7056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01989	.00836	409.56	.35314	.15907	1.0076	235.59
Stddev	.00129	.00018	5.16	.02447	.00017	.0040	1.14
%RSD	6.4660	2.1810	1.2599	6.9282	.10388	.39730	.48487

#1	.01842	.00840	404.47	.32489	.15914	1.0037	235.00
#2	.02076	.00816	414.79	.36687	.15918	1.0117	236.91
#3	.02050	.00852	409.44	.36765	.15888	1.0073	234.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3299	148.51	.34687	-.02509	16.495	.52766	5.8339
Stddev	.2895	1.69	.00054	.00304	.190	.03057	.0104
%RSD	6.6868	1.1405	.15664	12.136	1.1522	5.7926	.17771

#1	3.9957	147.01	.34670	-.02157	16.310	.49248	5.8458
#2	4.4887	150.35	.34643	-.02690	16.689	.54279	5.8270
#3	4.5053	148.17	.34747	-.02679	16.485	.54771	5.8290

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.267	.01939	.22506	F 13.581	3.1236	.22477	7.8964
Stddev	.328	.00027	.01033	.024	.0160	.00065	.0846
%RSD	.95821	1.4025	4.5919	.17471	.51131	.28836	1.0712

#1	33.901	.01916	.22945	13.595	3.1350	.22410	7.7999
#2	34.537	.01969	.21326	13.554	3.1304	.22540	7.9313
#3	34.362	.01931	.23249	13.596	3.1053	.22482	7.9580

Sample Name: K1596-03 Acquired: 2/26/2019 14:41:03 Type: Unk
 Method: P4-ICP2(v2892) 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	.28941	F 10.11	.56589	<.00000	F<.00000
Stddev	.00336	.01	.00840	1.5999	8.7476
%RSD	1.1625	.1351	1.4843	86.093	1.6039
#1	.28556	10.10	.55672	-3.7037	-535.44
#2	.29091	10.13	.57322	-.86045	-548.98
#3	.29177	10.11	.56772	-1.0108	-551.81
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3555.2	45611.	5010.2	16.613	2934.1
Stddev	6.9	2489.	26.5	2.232	4.6
%RSD	.19295	5.4575	.52955	13.435	.15792
#1	3559.6	48485.	5033.6	17.602	2928.7
#2	3547.3	44189.	4981.4	14.058	2936.5
#3	3558.8	44159.	5015.6	18.181	2937.0

Sample Name: K1348-04 Acquired: 2/26/2019 14:45:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00312	.01523	.00356	-.00178	.06446	.06100	.00004
Stddev	.00270	.00289	.00092	.00240	.00104	.02498	.00106	.00013
%RSD	487.89	92.801	6.0180	67.471	58.386	38.756	1.7395	340.91

#1	.00286	-.00464	.01599	.00129	-.00059	.03575	.06199	.00020
#2	-.00242	.00022	.01548	.00607	-.00224	.08124	.06114	-.00004
#3	.00123	-.00493	.01421	.00332	-.00252	.07638	.05988	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	11.806	.00065	.00108	.00720	.02530	.29093	.78626
Stddev	.00006	.041	.00028	.00016	.00014	.00096	.00076	.01898
%RSD	81.240	.34804	43.701	15.013	2.0064	3.8037	.25971	2.4145

#1	.00002	11.764	.00093	.00115	.00712	.02633	.29101	.78320
#2	.00014	11.846	.00036	.00120	.00711	.02514	.29014	.80658
#3	.00006	11.806	.00066	.00090	.00737	.02443	.29164	.76898

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00010	266.53	-.00069	.02776	.96999	.00029	.00142
Stddev	.00024	.00068	1.78	.00059	.00011	.04576	.00034	.00552
%RSD	11.076	703.03	.66794	85.142	.40162	4.7179	118.98	387.12

#1	.00249	-.00021	268.28	-.00060	.02764	.91745	.00030	.00629
#2	.00210	.00087	266.59	-.00015	.02783	1.0012	.00063	-.00457
#3	.00205	-.00037	264.72	-.00131	.02782	.99135	-.00006	.00255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11344	.33252	.00199	.00031	.00550	.0049	.05810	4.2160
Stddev	.02597	.00364	.00070	.00078	.00285	.0007	.00027	.1244
%RSD	22.895	1.0946	35.368	253.02	51.769	14.23	.45843	2.9515

#1	.08569	.33670	.00280	.00045	.00256	.0043	.05829	4.3550
#2	.13717	.33073	.00153	-.00054	.00570	.0047	.05821	4.1149
#3	.11746	.33011	.00164	.00101	.00824	.0056	.05780	4.1782

Sample Name: K1348-04 Acquired: 2/26/2019 14:45:28 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.4336
 Stddev .6545
 %RSD 8.8040

#1 7.4967
 #2 6.7499
 #3 8.0543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.5	40878.	4406.4	17.739	3361.4
Stddev	1.6	21.	24.9	.655	11.6
%RSD	.04657	.05061	.56469	3.6914	.34599

#1	3330.3	40896.	4380.7	16.983	3355.4
#2	3327.3	40883.	4408.0	18.142	3374.8
#3	3328.0	40856.	4430.4	18.092	3353.9

Sample Name: K1348-04DUP Acquired: 2/26/2019 14:50:02 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	-.00395	.01489	.00313	-.00059	.05694	.06156	.00004
Stddev	.00345	.00088	.00136	.00253	.00030	.01895	.00229	.00009
%RSD	296.70	22.203	9.1475	80.737	50.358	33.279	3.7122	198.22

#1	-.00117	-.00382	.01432	.00026	-.00092	.03647	.06231	-.00001
#2	-.00461	-.00488	.01644	.00411	-.00053	.07387	.05900	.00014
#3	.00229	-.00314	.01390	.00503	-.00033	.06049	.06339	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	11.984	.00015	.00097	.00701	.02492	.29774	.82468
Stddev	.00012	.041	.00028	.00016	.00076	.00061	.00052	.02903
%RSD	121.03	.34322	190.63	16.205	10.792	2.4502	.17325	3.5206

#1	.00021	11.953	-.00006	.00114	.00630	.02423	.29737	.79385
#2	-.00003	11.968	.00046	.00086	.00781	.02536	.29752	.85151
#3	.00011	12.031	.00003	.00090	.00692	.02518	.29833	.82867

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	.00045	271.83	-.00064	.02851	.98365	-.00003	-.00768
Stddev	.00015	.00105	1.28	.00065	.00018	.04596	.00039	.00625
%RSD	7.1751	231.31	.47250	101.60	.62099	4.6725	1331.1	81.370

#1	.00225	.00033	271.63	-.00139	.02870	1.0072	.00042	-.00073
#2	.00209	.00156	270.66	-.00037	.02835	.93069	-.00028	-.00946
#3	.00195	-.00053	273.21	-.00017	.02847	1.0131	-.00023	-.01285

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11511	.33997	.00257	.00056	.00579	.0027	.05917	4.6839
Stddev	.01726	.00076	.00090	.00147	.00254	.0020	.00009	.0814
%RSD	14.996	.22453	35.090	263.21	43.948	75.06	.15954	1.7368

#1	.10378	.33984	.00191	.00214	.00377	.0015	.05927	4.6110
#2	.10656	.33928	.00220	.00032	.00495	.0016	.05909	4.6692
#3	.13497	.34079	.00360	-.00078	.00865	.0050	.05913	4.7716

Sample Name: K1348-04DUP Acquired: 2/26/2019 14:50:02 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2734
Stddev	.4965
%RSD	6.0008

#1	7.8499
#2	8.8198
#3	8.1506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.2	40329.	4335.6	18.400	3302.8
Stddev	6.9	127.	13.8	.985	6.1
%RSD	.21013	.31426	.31856	5.3526	.18504

#1	3270.8	40218.	4326.8	18.700	3296.3
#2	3273.8	40467.	4351.5	19.200	3308.5
#3	3283.9	40302.	4328.5	17.300	3303.5

Sample Name: CCV03 Acquired: 2/26/2019 14:54:36 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14592 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3189	5.2418	5.2441	5.2645	5.3814	10.039	10.182	.26146
Stddev	.0255	.0089	.0089	.0200	.0102	.052	.068	.00056
%RSD	.47841	.16988	.16921	.38079	.18919	.51971	.66847	.21495
#1	5.3012	5.2489	5.2526	5.2756	5.3793	10.006	10.252	.26147
#2	5.3481	5.2318	5.2349	5.2765	5.3925	10.099	10.116	.26090
#3	5.3074	5.2448	5.2449	5.2414	5.3724	10.013	10.180	.26202
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5680	25.558	1.0155	2.6006	1.3059	5.2514	2.5785	25.853
Stddev	.0026	.081	.0024	.0034	.0065	.0312	.0042	.045
%RSD	.10131	.31753	.23816	.13038	.49461	.59394	.16213	.17392
#1	2.5696	25.648	1.0180	2.6035	1.3103	5.2669	2.5833	25.818
#2	2.5650	25.535	1.0131	2.5969	1.3090	5.2155	2.5756	25.838
#3	2.5693	25.491	1.0155	2.6015	1.2985	5.2719	2.5767	25.904
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5278	1.2878	25.809	2.5144	2.6404	25.347	5.4132	4.9300
Stddev	.0030	.0009	.110	.0020	.0033	.224	.0096	.0258
%RSD	.12011	.06813	.42728	.07908	.12631	.88183	.17737	.52291
#1	2.5291	1.2868	25.930	2.5159	2.6431	25.534	5.4132	4.9023
#2	2.5243	1.2883	25.714	2.5150	2.6367	25.099	5.4229	4.9342
#3	2.5300	1.2882	25.783	2.5121	2.6413	25.408	5.4037	4.9533
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0677	5.2499	4.9617	5.2079	5.0971	5.059	5.1886	F 4.3635
Stddev	.0072	.0343	.0133	.0171	.0380	.012	.0280	.1469
%RSD	.14259	.65249	.26702	.32822	.74622	.2270	.54053	3.3666
#1	5.0680	5.2769	4.9769	5.2115	5.1396	5.057	5.2179	4.3107
#2	5.0748	5.2113	4.9535	5.1892	5.0662	5.071	5.1621	4.2503
#3	5.0604	5.2613	4.9545	5.2228	5.0855	5.049	5.1858	4.5295

Sample Name: CCV03 Acquired: 2/26/2019 14:54:36 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14592 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4155
Stddev	1.1076
%RSD	45.853

#1	1.6662
#2	3.6877
#3	1.8926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.6	41068.	4266.8	17.789	3343.0
Stddev	5.9	131.	37.4	.938	5.9
%RSD	.17664	.31856	.87759	5.2724	.17772

#1	3316.3	40945.	4231.8	18.753	3338.8
#2	3314.2	41205.	4306.3	16.879	3349.8
#3	3325.2	41055.	4262.4	17.736	3340.4

Sample Name: CCB03 Acquired: 2/26/2019 14:58:35 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14592 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00004	.00163	-.00122	-.00051	-.01028	-.00827
Stddev	.00228	.00083	.00058	.00213	.00174	.01578	.00349
%RSD	132.56	2113.3	35.490	173.82	340.78	153.54	42.137

#1	.00252	.00073	.00134	-.00331	.00137	-.02253	-.00586
#2	-.00085	-.00091	.00125	-.00132	-.00205	-.01584	-.00669
#3	.00350	.00007	.00229	.00095	-.00084	.00753	-.01227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00008	-.00892	-.00013	-.00004	.00043	.00164
Stddev	.00003	.00009	.00968	.00025	.00009	.00029	.00065
%RSD	1864.4	105.33	108.55	192.77	264.71	66.724	39.542

#1	-.00000	.00010	.00028	-.00002	-.00012	.00049	.00235
#2	-.00002	.00016	-.01902	.00005	.00007	.00069	.00150
#3	.00003	-.00001	-.00801	-.00042	-.00006	.00012	.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00077	.00021	.00055	.15421	-.00017	-.00051
Stddev	.00004	.01332	.00018	.00031	.00343	.00031	.00017
%RSD	44.796	1719.6	88.499	56.435	2.2253	183.23	33.915

#1	.00005	.01599	.00038	.00088	.15512	.00016	-.00069
#2	.00011	-.00487	.00021	.00026	.15041	-.00022	-.00052
#3	.00014	-.00880	.00002	.00051	.15709	-.00045	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15067	-.00043	.00146	F .03491	.01273	.00082	.00001
Stddev	.06352	.00051	.00441	.01680	.00096	.00066	.00249
%RSD	42.159	117.60	301.60	48.104	7.5254	80.952	18583.

#1	.16553	-.00101	.00532	.02851	.01258	.00127	-.00226
#2	.08103	-.00024	-.00335	.05397	.01376	.00112	-.00037
#3	.20544	-.00005	.00241	.02226	.01186	.00006	.00267

Sample Name: CCB03 Acquired: 2/26/2019 14:58:35 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14592 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.0013	.00005	F 1.5912	F<.00000
Stddev	.00192	.0014	.00013	.2347	1.3681
%RSD	79.502	104.4	260.59	14.751	185.88

#1	.00206	-.0016	.00020	1.8621	.23153
#2	.00070	.0002	.00000	1.4473	-2.3012
#3	.00449	-.0025	-.00005	1.4643	-.13835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.3	43860.	4363.1	18.944	3848.6
Stddev	8.3	45.	15.9	.844	2.9
%RSD	.23633	.10315	.36552	4.4570	.07591

#1	3523.0	43903.	4377.5	18.142	3845.3
#2	3506.5	43813.	4365.9	18.867	3850.8
#3	3516.4	43863.	4346.0	19.825	3849.7

Sample Name: K1348-04LX5 Acquired: 2/26/2019 15:03:02 Type: Unk
Method: P4-ICP2(v2892) 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	-.00045	-.00092	.00508	-.00109	-.00168	.01217	.00916	.00013
Stddev	.00104	.00135	.00085	.00097	.00105	.00777	.00154	.00008
%RSD	230.73	146.65	16.800	89.209	62.418	63.873	16.817	61.205

#1	-.00142	-.00209	.00559	-.00137	-.00069	.01994	.01065	.00020
#2	.00065	-.00122	.00409	-.00001	-.00278	.00440	.00758	.00016
#3	-.00059	.00055	.00555	-.00189	-.00157	.01216	.00925	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	2.5182	-.00046	.00022	.00221	.00733	.06287	.17315
Stddev	.00003	.0157	.00034	.00004	.00040	.00216	.00058	.02431
%RSD	328.60	.62203	75.012	18.164	17.980	29.449	.91989	14.042

#1	-.00002	2.5061	-.00077	.00018	.00183	.00567	.06349	.18939
#2	-.00003	2.5126	-.00052	.00026	.00219	.00656	.06236	.18486
#3	.00002	2.5359	-.00009	.00021	.00262	.00977	.06275	.14519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00019	57.519	-.00027	.00552	.27019	-.00025	-.01221
Stddev	.00006	.00038	.194	.00015	.00004	.02299	.00021	.00240
%RSD	52.413	200.26	.33696	53.571	.79141	8.5073	84.032	19.656

#1	.00006	.00031	57.303	-.00035	.00548	.26134	-.00010	-.00998
#2	.00018	.00050	57.574	-.00010	.00556	.29628	-.00049	-.01189
#3	.00010	-.00024	57.679	-.00036	.00551	.25294	-.00016	-.01475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05814	.08059	.00062	-.00096	.00192	-.0014	.01240	2.9647
Stddev	.01346	.00186	.00070	.00049	.00249	.0011	.00016	.2509
%RSD	23.154	2.3048	113.29	51.354	129.85	82.87	1.2891	8.4613

#1	.04699	.07856	.00087	-.00147	-.00083	-.0025	.01247	2.8451
#2	.07310	.08221	-.00017	-.00089	.00256	-.0014	.01251	3.2530
#3	.05434	.08098	.00115	-.00050	.00402	-.0002	.01222	2.7960

Sample Name: K1348-04LX5 Acquired: 2/26/2019 15:03:02 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6728
 Stddev .5279
 %RSD 31.558

#1 1.9633
 #2 1.9915
 #3 1.0634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.0	42496.	4356.5	18.324	3564.2
Stddev	10.4	96.	16.8	1.723	7.7
%RSD	.30685	.22500	.38649	9.4005	.21721

#1	3401.0	42477.	4358.0	20.047	3559.7
#2	3389.0	42411.	4372.5	16.602	3573.2
#3	3409.8	42600.	4338.9	18.325	3559.9

Sample Name: K1348-04MS Acquired: 2/26/2019 15:07:30 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86564	2.0419	1.0508	2.1594	.90329	2.1490	.28443
Stddev	.00818	.0043	.0021	.0130	.00690	.0125	.00264
%RSD	.94524	.21316	.19996	.60048	.76411	.58040	.92984

#1	.87243	2.0448	1.0484	2.1612	.90737	2.1424	.28548
#2	.85656	2.0369	1.0522	2.1457	.89532	2.1634	.28142
#3	.86793	2.0439	1.0517	2.1714	.90717	2.1412	.28639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21222	.20690	14.477	.41654	.21378	.32557	3.1421
Stddev	.00021	.00028	.029	.00231	.00025	.00232	.0126
%RSD	.09804	.13356	.20205	.55525	.11483	.71187	.39972

#1	.21220	.20664	14.501	.41413	.21372	.32706	3.1551
#2	.21203	.20688	14.444	.41874	.21356	.32290	3.1300
#3	.21244	.20719	14.484	.41675	.21404	.32674	3.1411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54175	2.9861	.51418	.07549	305.40	.31654	.25680
Stddev	.00273	.0225	.00134	.00071	.99	.00036	.00067
%RSD	.50444	.75254	.26023	.93924	.32494	.11508	.26082

#1	.53869	2.9651	.51268	.07617	305.83	.31642	.25621
#2	.54265	3.0098	.51523	.07554	304.26	.31695	.25666
#3	.54393	2.9834	.51464	.07475	306.10	.31625	.25753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.776	.45317	.29892	.13843	1.3269	.69486	.21259
Stddev	.090	.00317	.00383	.01710	.0057	.00151	.00431
%RSD	.76810	.69990	1.2802	12.351	.42732	.21799	2.0285

#1	11.791	.45575	.30218	.15814	1.3313	.69562	.21688
#2	11.679	.44963	.29471	.12955	1.3205	.69585	.20825
#3	11.858	.45412	.29988	.12759	1.3290	.69312	.21263

Sample Name: K1348-04MS Acquired: 2/26/2019 15:07:30 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23866	6.215	.27005	4.7268	F<.00000
Stddev	.00208	.018	.00101	.0960	1.2612
%RSD	.87300	.2838	.37421	2.0317	45.897
#1	.23657	6.232	.27031	4.8179	-4.1437
#2	.23868	6.197	.26893	4.6265	-2.4093
#3	.24074	6.216	.27089	4.7362	-1.6904
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.5	40291.	4318.1	18.228	3292.0
Stddev	15.0	137.	20.7	1.314	6.9
%RSD	.46107	.34071	.47963	7.2076	.20881
#1	3236.6	40410.	4301.3	19.744	3298.0
#2	3265.9	40323.	4341.3	17.417	3284.5
#3	3245.9	40141.	4311.9	17.525	3293.6

Sample Name: K1348-04MSD Acquired: 2/26/2019 15:11:45 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87717	2.0626	1.0619	2.1904	.91192	2.2084	.28528
Stddev	.00417	.0027	.0024	.0069	.00296	.0247	.00095
%RSD	.47504	.12867	.22656	.31500	.32433	1.1184	.33407

#1	.88175	2.0629	1.0647	2.1825	.91099	2.2309	.28456
#2	.87360	2.0598	1.0603	2.1931	.90954	2.1820	.28636
#3	.87616	2.0650	1.0608	2.1954	.91523	2.2124	.28491

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21442	.20926	14.707	.42237	.21695	.32812	3.1675
Stddev	.00055	.00051	.096	.00061	.00024	.00130	.0215
%RSD	.25541	.24216	.65459	.14460	.10940	.39582	.67880

#1	.21502	.20985	14.604	.42182	.21708	.32752	3.1448
#2	.21394	.20899	14.794	.42226	.21667	.32723	3.1876
#3	.21429	.20896	14.724	.42302	.21709	.32961	3.1702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55254	3.0146	.52039	.07632	307.67	.31845	.26126
Stddev	.00234	.0238	.00093	.00096	3.56	.00092	.00032
%RSD	.42350	.78873	.17845	1.2629	1.1557	.28930	.12151

#1	.55059	3.0314	.51974	.07657	303.93	.31858	.26158
#2	.55189	3.0251	.52145	.07713	308.07	.31747	.26125
#3	.55514	2.9874	.51998	.07525	311.00	.31930	.26095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.053	.45991	.29113	.11249	1.3309	.69755	.21562
Stddev	.074	.00236	.00481	.00644	.0171	.00213	.00102
%RSD	.61623	.51221	1.6510	5.7227	1.2883	.30498	.47139

#1	12.003	.45798	.29088	.10583	1.3202	.69591	.21508
#2	12.138	.45923	.28645	.11294	1.3506	.69677	.21679
#3	12.017	.46254	.29605	.11868	1.3218	.69995	.21499

Sample Name: K1348-04MSD Acquired: 2/26/2019 15:11:45 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24461	6.270	.27297	4.6366	F<.00000
Stddev	.00057	.006	.00143	.0723	1.0887
%RSD	.23178	.1018	.52260	1.5593	34.717

#1	.24493	6.276	.27135	4.6297	-2.0516
#2	.24396	6.269	.27403	4.5681	-4.2289
#3	.24495	6.264	.27353	4.7122	-3.1272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.9	39986.	4306.0	19.006	3267.6
Stddev	4.7	124.	31.1	.739	8.0
%RSD	.14579	.31110	.72170	3.8877	.24633

#1	3225.1	40008.	4339.1	19.301	3262.0
#2	3221.9	40098.	4277.4	18.166	3264.0
#3	3215.8	39852.	4301.6	19.553	3276.8

Sample Name: K1348-04A Acquired: 2/26/2019 15:16:00 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7964 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86491	2.0291	1.0480	2.1638	.89368	2.1596	.28227
Stddev	.00744	.0046	.0022	.0121	.00226	.0086	.00194
%RSD	.85965	.22420	.21388	.55801	.25238	.40024	.68901

#1	.87338	2.0299	1.0491	2.1761	.89624	2.1603	.28339
#2	.85948	2.0332	1.0454	2.1520	.89283	2.1678	.28339
#3	.86186	2.0242	1.0495	2.1632	.89198	2.1506	.28002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21231	.20639	14.538	.41669	.21373	.32323	3.1210
Stddev	.00048	.00006	.018	.00173	.00028	.00164	.0086
%RSD	.22582	.02959	.12351	.41605	.13008	.50707	.27589

#1	.21245	.20640	14.519	.41601	.21405	.32458	3.1309
#2	.21270	.20645	14.555	.41865	.21357	.32140	3.1163
#3	.21178	.20633	14.540	.41539	.21356	.32369	3.1157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54368	2.9961	.51315	.07480	303.27	.31444	.25678
Stddev	.00238	.0633	.00068	.00094	.50	.00072	.00072
%RSD	.43851	2.1114	.13231	1.2600	.16520	.23001	.27883

#1	.54246	2.9860	.51326	.07386	303.56	.31374	.25727
#2	.54643	2.9385	.51242	.07574	302.69	.31519	.25596
#3	.54215	3.0638	.51376	.07479	303.56	.31441	.25712

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.845	.45342	.29359	.10740	1.3000	.69071	.21032
Stddev	.101	.00247	.01911	.01269	.0084	.00198	.00129
%RSD	.84979	.54448	6.5082	11.814	.64385	.28734	.61394

#1	11.863	.45559	.31461	.12155	1.3055	.69298	.20884
#2	11.935	.45074	.28890	.09703	1.3042	.68984	.21097
#3	11.736	.45393	.27727	.10361	1.2904	.68932	.21117

Sample Name: K1348-04A Acquired: 2/26/2019 15:16:00 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7964 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24047	6.188	.26801	4.6265	F<.00000
Stddev	.00068	.006	.00123	.3534	1.4138
%RSD	.28197	.0924	.45946	7.6388	67.421

#1	.24083	6.193	.26937	4.8953	-1.0867
#2	.24089	6.190	.26697	4.2262	-3.7126
#3	.23969	6.182	.26768	4.7580	-1.4915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.5	40457.	4372.3	17.911	3303.8
Stddev	12.6	43.	22.3	1.352	12.2
%RSD	.38787	.10693	.50954	7.5492	.36909

#1	3246.1	40414.	4347.3	17.976	3294.0
#2	3261.0	40458.	4390.2	19.229	3300.0
#3	3271.3	40500.	4379.2	16.527	3317.5

Sample Name: K1348-06 Acquired: 2/26/2019 15:20:13 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	-.00391	.01830	.00074	-.00072	.07843	.09477	-.00002
Stddev	.00120	.00115	.00097	.00259	.00244	.00803	.00571	.00012
%RSD	54.744	29.333	5.3195	352.07	336.80	10.235	6.0247	538.11

#1	-.00081	-.00396	.01917	-.00225	-.00346	.07580	.08822	.00012
#2	-.00300	-.00504	.01847	.00220	.00123	.08745	.09743	-.00012
#3	-.00278	-.00274	.01725	.00226	.00006	.07205	.09867	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	27.734	.00041	.00404	.00726	.03372	.65118	1.5801
Stddev	.00010	.183	.00037	.00021	.00039	.00133	.00014	.0394
%RSD	187.05	.65853	89.460	5.2565	5.3165	3.9396	.02136	2.4967

#1	-.00003	27.536	-.00000	.00402	.00740	.03221	.65122	1.5392
#2	.00002	27.897	.00071	.00384	.00755	.03472	.65130	1.6180
#3	.00017	27.769	.00052	.00426	.00682	.03423	.65103	1.5832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	.00021	303.91	-.00167	.04062	1.2274	.00006	.00831
Stddev	.00025	.00031	1.30	.00018	.00025	.0220	.00042	.00984
%RSD	9.0845	146.80	.42698	10.521	.62406	1.7945	679.09	118.35

#1	.00293	.00055	302.44	-.00147	.04058	1.2477	.00020	.01967
#2	.00287	-.00004	304.87	-.00176	.04038	1.2305	-.00041	.00286
#3	.00247	.00011	304.43	-.00178	.04089	1.2040	.00039	.00241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18660	.47017	.00224	-.00130	.01318	-.0006	.09649	4.6879
Stddev	.00893	.00184	.00046	.00117	.00173	.0013	.00034	.0506
%RSD	4.7858	.39088	20.431	89.679	13.157	206.4	.35050	1.0794

#1	.18031	.46988	.00249	-.00083	.01483	-.0002	.09611	4.7449
#2	.18266	.47214	.00251	-.00263	.01334	.0004	.09661	4.6481
#3	.19682	.46850	.00171	-.00044	.01137	-.0021	.09676	4.6708

Sample Name: K1348-06 Acquired: 2/26/2019 15:20:13 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-022219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.1338
Stddev .9674
%RSD 10.591

#1 9.7760
#2 9.6042
#3 8.0212

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.9	40140.	4355.8	17.953	3267.0
Stddev	16.4	26.	18.8	.894	7.1
%RSD	.50826	.06535	.43122	4.9787	.21785

#1	3208.3	40156.	4370.7	17.767	3261.4
#2	3228.7	40109.	4334.7	17.167	3275.0
#3	3240.7	40154.	4362.1	18.925	3264.7

Sample Name: K1356-10 Acquired: 2/26/2019 15:24:46 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00495	.00708	.00431	.00043	.08457	.09733	.00013
Stddev	.00092	.00104	.00105	.00479	.00298	.01447	.00173	.00007
%RSD	118.88	21.027	14.806	111.00	699.63	17.109	1.7783	51.887

#1	-.00181	-.00615	.00778	.00975	.00368	.08415	.09687	.00006
#2	-.00046	-.00434	.00588	.00072	-.00023	.09924	.09588	.00019
#3	-.00005	-.00435	.00759	.00247	-.00217	.07032	.09925	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	14.723	.00043	.00321	.00720	.02375	.68960	1.9142
Stddev	.00003	.078	.00036	.00025	.00022	.00062	.00121	.0345
%RSD	137.12	.53097	82.124	7.8594	3.0556	2.5994	.17550	1.8016

#1	-.00002	14.639	.00079	.00292	.00711	.02443	.68911	1.9418
#2	-.00006	14.794	.00008	.00330	.00703	.02360	.69097	1.8755
#3	.00000	14.734	.00043	.00340	.00745	.02322	.68870	1.9253

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00285	.00011	292.15	-.00135	.03183	1.1876	-.00000	.00930
Stddev	.00043	.00050	3.33	.00016	.00008	.0758	.00040	.00197
%RSD	15.104	461.06	1.1388	11.639	.24124	6.3849	11044.	21.211

#1	.00256	.00069	288.32	-.00149	.03174	1.1434	.00042	.00707
#2	.00334	-.00019	294.38	-.00137	.03188	1.2751	-.00037	.01081
#3	.00264	-.00017	293.74	-.00118	.03186	1.1443	-.00006	.01003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33436	.58401	.00239	-.00026	.01266	.0017	.09125	4.4118
Stddev	.02856	.00489	.00052	.00119	.00120	.0001	.00022	.1089
%RSD	8.5407	.83676	21.699	460.22	9.4556	5.513	.24510	2.4678

#1	.35373	.57837	.00257	-.00161	.01328	.0018	.09101	4.5074
#2	.30156	.58665	.00279	.00061	.01128	.0016	.09146	4.2933
#3	.34778	.58701	.00181	.00022	.01341	.0017	.09128	4.4346

Sample Name: K1356-10 Acquired: 2/26/2019 15:24:46 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.9430
Stddev	1.2718
%RSD	16.011

#1	7.7296
#2	6.7914
#3	9.3080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.4	40643.	4441.1	17.583	3334.5
Stddev	11.7	161.	18.1	.846	8.2
%RSD	.35694	.39564	.40689	4.8118	.24656

#1	3259.1	40498.	4459.2	18.517	3332.0
#2	3258.3	40616.	4423.0	17.367	3343.7
#3	3278.9	40816.	4441.1	16.867	3327.9

Sample Name: K1356-12 Acquired: 2/26/2019 15:29:18 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00397	.00584	.00297	-.00156	.11306	.10285	.00006
Stddev	.00242	.00327	.00126	.00132	.00155	.00621	.00276	.00007
%RSD	475.72	82.192	21.529	44.411	99.436	5.4954	2.6880	110.69

#1	.00035	-.00719	.00647	.00369	-.00237	.11604	.10604	.00013
#2	-.00324	-.00408	.00667	.00378	.00023	.11721	.10130	-.00001
#3	.00136	-.00066	.00440	.00145	-.00254	.10591	.10122	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	10.631	.00021	.00459	.00693	.05953	.67013	1.8329
Stddev	.00005	.047	.00044	.00007	.00066	.00271	.00295	.0070
%RSD	122.71	.44462	205.57	1.4466	9.5701	4.5553	.44002	.38083

#1	-.00010	10.633	.00054	.00466	.00692	.06112	.66675	1.8322
#2	-.00003	10.583	.00039	.00458	.00760	.05640	.67216	1.8402
#3	.00000	10.678	-.00029	.00453	.00627	.06107	.67149	1.8263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	.00041	260.58	-.00125	.02272	1.1307	-.00002	.00938
Stddev	.00028	.00013	1.34	.00038	.00008	.0407	.00022	.01033
%RSD	12.735	32.763	.51270	30.262	.36165	3.6035	1026.7	110.09

#1	.00228	.00047	259.38	-.00133	.02271	1.1575	-.00026	.00490
#2	.00250	.00025	262.02	-.00084	.02264	1.0838	.00017	.00205
#3	.00193	.00050	260.34	-.00159	.02280	1.1508	.00003	.02120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33366	.62883	.00147	.00280	.00937	.0014	.05879	4.1896
Stddev	.00335	.00799	.00033	.00162	.00135	.0008	.00022	.2907
%RSD	1.0047	1.2700	22.829	57.709	14.385	55.56	.37874	6.9375

#1	.33677	.63448	.00108	.00146	.00794	.0023	.05892	4.1771
#2	.33011	.63233	.00166	.00235	.00955	.0008	.05853	3.9054
#3	.33410	.61970	.00166	.00460	.01062	.0011	.05891	4.4863

Sample Name: K1356-12 Acquired: 2/26/2019 15:29:18 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-022219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3482
 Stddev 1.0043
 %RSD 15.820

#1 5.2239
 #2 6.6641
 #3 7.1565

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.9	40530.	4425.5	19.317	3313.3
Stddev	13.2	133.	7.3	1.234	8.1
%RSD	.40842	.32856	.16575	6.3855	.24352

#1	3220.8	40682.	4427.0	18.358	3304.0
#2	3247.0	40472.	4417.5	20.708	3317.3
#3	3236.8	40435.	4432.0	18.883	3318.6

Sample Name: K1586-04 Acquired: 2/26/2019 15:33:51 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00671	.00378	.00446	-.00199	.02270	.12161	.00012
Stddev	.00115	.00118	.00098	.00237	.00146	.00242	.00315	.00009
%RSD	261.73	17.633	25.920	53.229	73.303	10.652	2.5906	74.495

#1	.00081	-.00583	.00460	.00634	-.00058	.02195	.11895	.00015
#2	-.00067	-.00625	.00404	.00179	-.00349	.02075	.12079	.00019
#3	-.00146	-.00806	.00270	.00526	-.00189	.02541	.12509	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	5.2211	-.00090	.00094	.00950	.63052	2.5287	1.2053
Stddev	.00015	.0352	.00025	.00013	.00060	.00357	.0064	.0486
%RSD	1166.9	.67321	28.253	13.761	6.2800	.56603	.25207	4.0358

#1	-.00011	5.1917	-.00062	.00079	.00971	.63459	2.5348	1.1504
#2	-.00003	5.2600	-.00097	.00099	.00997	.62904	2.5221	1.2228
#3	.00018	5.2117	-.00111	.00104	.00883	.62793	2.5291	1.2428

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00103	300.45	-.00563	.01629	.92316	-.00005	.00995
Stddev	.00030	.00052	2.56	.00034	.00013	.02592	.00009	.00489
%RSD	18.915	50.811	.85216	5.9847	.79022	2.8076	192.98	49.093

#1	.00124	.00151	298.83	-.00526	.01640	.89853	-.00007	.01388
#2	.00181	.00047	303.40	-.00569	.01632	.95020	-.00013	.01150
#3	.00165	.00110	299.11	-.00593	.01615	.92076	.00005	.00448

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12818	.24467	.00203	-.00067	.00811	.0184	.02215	4.4882
Stddev	.00683	.00458	.00040	.00094	.00191	.0014	.00011	.2009
%RSD	5.3322	1.8732	19.896	139.37	23.549	7.515	.49526	4.4750

#1	.13460	.24967	.00183	-.00110	.00602	.0185	.02211	4.2621
#2	.12894	.24368	.00249	-.00132	.00977	.0197	.02228	4.6459
#3	.12100	.24066	.00176	.00040	.00854	.0170	.02207	4.5566

Sample Name: K1586-04 Acquired: 2/26/2019 15:33:51 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.6819
 Stddev .3556
 %RSD 6.2584

#1 5.8327
 #2 5.2758
 #3 5.9373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.6	40673.	4416.5	17.547	3325.4
Stddev	9.7	33.	26.4	.705	9.4
%RSD	.29758	.08198	.59859	4.0192	.28230

#1	3240.8	40637.	4401.1	16.758	3317.2
#2	3250.6	40680.	4401.4	17.767	3323.3
#3	3260.2	40702.	4447.0	18.117	3335.6

Sample Name: K1592-04 Acquired: 2/26/2019 15:38:25 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00449	-.00425	.00454	.00448	-.00122	.14816	.04263	.00003
Stddev	.00044	.00008	.00093	.00280	.00136	.01375	.00087	.00007
%RSD	9.8654	1.8974	20.549	62.487	110.88	9.2807	2.0479	250.94

#1	-.00482	-.00417	.00545	.00532	-.00155	.13228	.04165	-.00002
#2	-.00465	-.00426	.00359	.00676	.00027	.15603	.04292	-.00001
#3	-.00399	-.00433	.00458	.00136	-.00239	.15617	.04332	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	36.364	-.00044	.00023	.00464	.04330	2.2896	3.8148
Stddev	.00004	.097	.00020	.00032	.00050	.00146	.0065	.0194
%RSD	151.16	.26744	44.082	140.59	10.683	3.3753	.28548	.50826

#1	.00001	36.475	-.00056	.00054	.00440	.04470	2.2844	3.8062
#2	-.00007	36.325	-.00055	-.00010	.00521	.04179	2.2969	3.8370
#3	-.00002	36.293	-.00022	.00025	.00431	.04342	2.2875	3.8012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	.00077	307.34	-.00471	1.0674	1.2415	-.00040	.00400
Stddev	.00007	.00040	3.83	.00040	.0009	.0105	.00033	.00477
%RSD	3.3115	52.356	1.2450	8.5392	.08772	.84848	81.146	119.28

#1	.00214	.00034	310.53	-.00456	1.0683	1.2305	-.00061	.00653
#2	.00208	.00084	308.39	-.00440	1.0675	1.2426	-.00003	-.00150
#3	.00201	.00114	303.10	-.00516	1.0664	1.2514	-.00057	.00699

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47657	1.3042	.00212	-.00137	.01125	.0050	.18916	4.6523
Stddev	.01557	.0103	.00037	.00143	.00281	.0009	.00126	.2673
%RSD	3.2669	.78760	17.487	104.28	25.012	18.51	.66747	5.7450

#1	.46409	1.3119	.00202	-.00187	.00834	.0039	.19059	4.8725
#2	.47161	1.3082	.00254	.00024	.01145	.0053	.18870	4.3549
#3	.49402	1.2925	.00181	-.00248	.01395	.0057	.18819	4.7295

Sample Name: K1592-04 Acquired: 2/26/2019 15:38:25 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.5473
 Stddev .9263
 %RSD 9.7019

#1 8.5459
 #2 9.7225
 #3 10.373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3209.7	40119.	4388.2	17.733	3271.6
Stddev	4.6	74.	32.8	.667	5.2
%RSD	.14187	.18367	.74856	3.7591	.15978

#1	3205.0	40121.	4356.0	17.208	3265.6
#2	3214.1	40045.	4387.0	18.483	3274.2
#3	3210.2	40192.	4421.7	17.508	3275.0

Sample Name: K1597-02 Acquired: 2/26/2019 15:42:56 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00483	-.00702	.00699	.00401	-.00194	.09744	.16561	.00008
Stddev	.00205	.00124	.00079	.00257	.00043	.00167	.00269	.00002
%RSD	42.577	17.699	11.289	64.142	21.901	1.7167	1.6229	28.180

#1	-.00683	-.00823	.00722	.00221	-.00182	.09878	.16854	.00006
#2	-.00272	-.00709	.00611	.00286	-.00159	.09799	.16501	.00011
#3	-.00493	-.00574	.00763	.00695	-.00241	.09557	.16326	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	26.311	.02397	.01546	.00205	.50959	.85503	5.4105
Stddev	.00014	.126	.00024	.00019	.00045	.00189	.00308	.0361
%RSD	796.41	.47853	.99100	1.2009	21.859	.37156	.36069	.66719

#1	-.00001	26.196	.02422	.01557	.00185	.50970	.85148	5.4272
#2	-.00016	26.290	.02393	.01525	.00173	.51143	.85696	5.3691
#3	.00012	26.445	.02375	.01557	.00256	.50765	.85666	5.4353

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03499	.00037	331.99	-.00157	.08249	1.1263	-.00014	-.00363
Stddev	.00072	.00057	.37	.00036	.00014	.0318	.00030	.00616
%RSD	2.0648	154.28	.11001	23.116	.17574	2.8253	206.81	169.49

#1	.03424	.00102	332.27	-.00184	.08257	1.1519	-.00048	-.01074
#2	.03505	.00015	331.57	-.00172	.08232	1.0907	.00002	-.00042
#3	.03568	-.00006	332.12	-.00116	.08258	1.1363	.00004	.00025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15621	.52016	.00343	-.00319	.01149	-.0014	.05566	4.6875
Stddev	.00668	.00508	.00027	.00212	.00167	.0024	.00046	.0619
%RSD	4.2746	.97704	7.8568	66.237	14.523	173.6	.82112	1.3199

#1	.15304	.52151	.00357	-.00094	.01242	-.0036	.05540	4.6873
#2	.16388	.52443	.00359	-.00514	.00957	.0012	.05540	4.6257
#3	.15171	.51454	.00312	-.00350	.01249	-.0018	.05619	4.7495

Sample Name: K1597-02 Acquired: 2/26/2019 15:42:56 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-25 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.2392
Stddev	1.7372
%RSD	21.084

#1	8.0289
#2	6.6168
#3	10.072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.6	39570.	4357.3	18.647	3238.4
Stddev	7.2	89.	25.4	.975	6.2
%RSD	.22713	.22517	.58178	5.2310	.19112

#1	3192.9	39590.	4344.0	19.292	3231.3
#2	3185.4	39472.	4341.4	17.525	3242.4
#3	3178.4	39647.	4386.5	19.125	3241.6

Sample Name: CCV04 Acquired: 2/26/2019 15:47:29 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14593 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3455	5.1917	5.2593	5.2433	5.4140	9.8670	10.019	.25790
Stddev	.0080	.0188	.0236	.0106	.0053	.0743	.060	.00037
%RSD	.15053	.36178	.44849	.20293	.09781	.75277	.60273	.14528
#1	5.3485	5.1702	5.2321	5.2525	5.4192	9.7835	10.055	.25803
#2	5.3516	5.2053	5.2709	5.2458	5.4086	9.8914	10.053	.25820
#3	5.3364	5.1995	5.2748	5.2316	5.4141	9.9259	9.9492	.25748
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5455	24.991	.98750	2.5905	1.2919	5.1530	2.6127	25.458
Stddev	.0078	.075	.00056	.0096	.0020	.0531	.0064	.220
%RSD	.30717	.29940	.05631	.37119	.15393	1.0299	.24572	.86278
#1	2.5372	25.055	.98773	2.5797	1.2940	5.2115	2.6193	25.661
#2	2.5467	24.909	.98790	2.5939	1.2917	5.1396	2.6123	25.225
#3	2.5527	25.010	.98686	2.5980	1.2901	5.1079	2.6065	25.487
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4739	1.2802	25.283	2.4330	2.6546	25.172	5.4610	4.7597
Stddev	.0070	.0027	.175	.0041	.0095	.228	.0118	.0216
%RSD	.28258	.21458	.69312	.17008	.35744	.90716	.21600	.45325
#1	2.4658	1.2832	25.398	2.4283	2.6440	25.310	5.4746	4.7841
#2	2.4776	1.2798	25.369	2.4359	2.6572	25.297	5.4545	4.7516
#3	2.4782	1.2777	25.081	2.4348	2.6624	24.908	5.4539	4.7434
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1491	5.1395	4.8005	5.1806	5.0260	4.958	5.1209	F 4.1555
Stddev	.0318	.0444	.0146	.0102	.0487	.007	.0300	.0580
%RSD	.61825	.86359	.30436	.19678	.96906	.1521	.58590	1.3969
#1	5.1270	5.1789	4.7848	5.1908	5.0585	4.956	5.1418	4.1873
#2	5.1346	5.1482	4.8031	5.1806	5.0494	4.952	5.1344	4.1907
#3	5.1856	5.0914	4.8137	5.1704	4.9700	4.967	5.0865	4.0885

Sample Name: CCV04 Acquired: 2/26/2019 15:47:29 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14593 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1117
Stddev	.7393
%RSD	35.008

#1	1.9774
#2	1.4489
#3	2.9090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.5	41559.	4350.6	17.080	3344.2
Stddev	2.4	111.	46.0	.252	17.1
%RSD	.07227	.26733	1.0579	1.4770	.51116

#1	3289.5	41532.	4307.8	17.333	3363.9
#2	3287.2	41463.	4344.7	17.078	3335.5
#3	3291.9	41681.	4399.3	16.828	3333.1

Sample Name: CCB04 Acquired: 2/26/2019 15:51:27 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14593 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00119	.00079	.00265	.00190	.00135	-.00245
Stddev	.00084	.00095	.00089	.00281	.00178	.00794	.00082
%RSD	58.172	79.806	113.62	105.78	93.438	588.17	33.274

#1	.00188	.00201	.00174	.00560	-.00003	.00960	-.00236
#2	.00200	.00015	-.00003	.00236	.00347	-.00623	-.00169
#3	.00048	.00140	.00064	.00000	.00226	.00067	-.00331

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00014	-.00921	-.00003	.00003	-.00053	.00206
Stddev	.00003	.00004	.00292	.00022	.00011	.00097	.00137
%RSD	33.860	27.747	31.665	691.28	402.07	183.79	66.324

#1	.00010	.00014	-.01229	.00022	.00006	-.00136	.00360
#2	.00011	.00018	-.00650	-.00018	-.00009	.00054	.00161
#3	.00005	.00010	-.00884	-.00013	.00012	-.00076	.00098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.04629	.00027	.00061	.26599	.00016	-.00061
Stddev	.00003	.00638	.00012	.00035	.00454	.00046	.00011
%RSD	82.618	13.779	45.141	57.065	1.7068	279.72	18.184

#1	.00002	-.04146	.00036	.00021	.26736	.00037	-.00072
#2	.00006	-.04389	.00013	.00086	.26092	-.00036	-.00059
#3	.00001	-.05353	.00032	.00076	.26969	.00048	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16391	-.00006	-.00773	F .05225	.00688	-.00041	-.00043
Stddev	.00135	.00029	.00457	.00178	.00172	.00071	.00132
%RSD	.82088	529.06	59.111	3.4118	25.025	173.28	304.13

#1	.16402	.00023	-.00552	.05326	.00755	-.00122	-.00038
#2	.16519	-.00036	-.01298	.05019	.00818	.00010	-.00178
#3	.16251	-.00004	-.00469	.05331	.00493	-.00011	.00086

Sample Name: CCB04 Acquired: 2/26/2019 15:51:27 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14593 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00398	-.0025	.00001	F 2.0179	F<.00000
Stddev	.00289	.0024	.00005	.2330	1.0543
%RSD	72.546	95.51	430.34	11.548	284.67

#1	.00448	.0002	.00006	2.2869	.26928
#2	.00088	-.0042	.00000	1.8778	-1.5873
#3	.00660	-.0036	-.00003	1.8889	.20690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.6	43880.	4346.0	17.867	3818.2
Stddev	9.3	47.	22.0	.918	2.4
%RSD	.26894	.10780	.50698	5.1389	.06242

#1	3439.6	43832.	4323.2	18.217	3815.6
#2	3455.3	43926.	4347.7	16.825	3818.6
#3	3438.9	43882.	4367.2	18.558	3820.3

Sample Name: K1597-04 Acquired: 2/26/2019 15:55:55 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00588	.01721	.00448	-.00138	.06467	.13587	-.00003
Stddev	.00171	.00139	.00055	.00426	.00213	.02047	.00482	.00006
%RSD	89.561	23.689	3.1833	95.012	154.77	31.657	3.5480	245.55

#1	-.00340	-.00439	.01783	.00105	-.00006	.06213	.13196	-.00007
#2	-.00004	-.00610	.01698	.00925	-.00023	.04559	.14126	-.00005
#3	-.00230	-.00716	.01680	.00315	-.00383	.08630	.13441	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	76.881	.01796	.00996	.03515	.08122	.96200	2.4838
Stddev	.00013	.621	.00009	.00024	.00009	.00232	.00618	.0414
%RSD	65.667	.80712	.49132	2.4155	.25759	2.8603	.64200	1.6682

#1	.00023	76.979	.01801	.00990	.03505	.08192	.96817	2.4608
#2	.00005	76.218	.01802	.00975	.03517	.07863	.96201	2.4590
#3	.00030	77.447	.01786	.01022	.03523	.08312	.95582	2.5317

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00746	.00022	344.89	-.00130	.13330	1.6898	.00062	.00825
Stddev	.00026	.00070	4.34	.00036	.00015	.0223	.00040	.00259
%RSD	3.4626	322.09	1.2573	27.553	.11413	1.3216	65.119	31.355

#1	.00722	.00093	339.89	-.00170	.13313	1.6854	.00052	.00983
#2	.00774	.00017	347.47	-.00100	.13333	1.6700	.00027	.00965
#3	.00743	-.00045	347.32	-.00120	.13343	1.7140	.00106	.00526

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72910	1.2330	.00278	-.00363	.01552	.0085	.20991	4.9213
Stddev	.00894	.0086	.00045	.00115	.00247	.0014	.00121	.1005
%RSD	1.2266	.69647	16.190	31.711	15.942	16.33	.57497	2.0429

#1	.73942	1.2412	.00329	-.00270	.01530	.0069	.21020	5.0373
#2	.72435	1.2338	.00264	-.00327	.01810	.0092	.20859	4.8677
#3	.72354	1.2241	.00242	-.00492	.01317	.0095	.21096	4.8590

Sample Name: K1597-04 Acquired: 2/26/2019 15:55:55 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-26 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.628
Stddev	.945
%RSD	8.8898

#1	11.667
#2	9.8200
#3	10.397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.2	39354.	4348.8	17.584	3200.9
Stddev	7.6	186.	18.7	.297	6.0
%RSD	.24230	.47169	.42969	1.6876	.18660

#1	3126.4	39141.	4330.1	17.350	3194.2
#2	3139.5	39441.	4367.4	17.918	3205.8
#3	3139.6	39480.	4348.9	17.484	3202.5

Sample Name: K1597-06 Acquired: 2/26/2019 16:00:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00597	.01447	.00410	-.00168	.06132	.33215	.00007
Stddev	.00324	.00108	.00068	.00375	.00116	.00316	.00509	.00006
%RSD	205.61	18.082	4.7005	91.338	68.910	5.1526	1.5329	96.912

#1	-.00516	-.00701	.01373	.00252	-.00040	.06497	.32901	.00009
#2	.00113	-.00604	.01460	.00839	-.00200	.05945	.33803	-.00001
#3	-.00069	-.00485	.01507	.00141	-.00264	.05954	.32943	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	62.926	.00044	.00051	-.00023	.00452	.32507	13.530
Stddev	.00006	.351	.00029	.00026	.00063	.00077	.00109	.116
%RSD	6.6235	.55784	66.593	51.449	267.14	16.950	.33567	.85394

#1	.00105	62.539	.00077	.00026	-.00037	.00422	.32624	13.495
#2	.00092	63.224	.00033	.00049	.00045	.00395	.32409	13.659
#3	.00097	63.014	.00022	.00078	-.00078	.00539	.32488	13.436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	.00031	349.29	-.00017	.69582	2.5475	.00020	.03672
Stddev	.00026	.00058	2.30	.00017	.00066	.0401	.00024	.00189
%RSD	8.1009	184.80	.65928	97.502	.09503	1.5732	123.51	5.1532

#1	.00341	.00061	346.64	-.00036	.69525	2.5204	.00010	.03466
#2	.00290	.00068	350.38	-.00009	.69654	2.5286	.00047	.03838
#3	.00315	-.00035	350.85	-.00006	.69567	2.5935	.00001	.03711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83503	1.2516	.00268	-.00182	.01828	.0230	.18587	5.1329
Stddev	.01211	.0149	.00061	.00184	.00168	.0013	.00087	.2211
%RSD	1.4505	1.1929	22.665	100.83	9.1980	5.665	.47038	4.3078

#1	.84900	1.2362	.00256	.00023	.01799	.0245	.18545	4.8785
#2	.82849	1.2660	.00333	-.00238	.01677	.0222	.18688	5.2415
#3	.82759	1.2525	.00214	-.00331	.02009	.0222	.18529	5.2788

Sample Name: K1597-06 Acquired: 2/26/2019 16:00:28 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-21 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.695
 Stddev .673
 %RSD 5.7537

#1 12.112
 #2 12.053
 #3 10.918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.0	39511.	4354.2	18.388	3180.8
Stddev	20.0	54.	21.0	.381	4.4
%RSD	.63916	.13712	.48207	2.0693	.13738

#1	3124.5	39450.	4376.1	18.426	3182.2
#2	3111.7	39527.	4334.3	17.990	3175.9
#3	3150.9	39555.	4352.1	18.748	3184.3

Sample Name: K1597-08 Acquired: 2/26/2019 16:05:01 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	-.00490	.12211	.00391	-.00067	.09730	.58349	.00066
Stddev	.00209	.00200	.00034	.00105	.00211	.00851	.00559	.00015
%RSD	58.809	40.766	.27473	26.910	314.13	8.7469	.95718	23.206

#1	-.00152	-.00270	.12191	.00458	-.00294	.10184	.57747	.00049
#2	-.00569	-.00540	.12249	.00445	-.00029	.08748	.58850	.00072
#3	-.00343	-.00661	.12192	.00269	.00122	.10257	.58450	.00078

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	21.696	-.00023	.00208	.18992	5.4163	.72653	4.6875
Stddev	.00006	.080	.00038	.00028	.00072	.0008	.00179	.0447
%RSD	44.635	.36939	167.47	13.616	.38028	.01563	.24589	.95455

#1	.00010	21.604	-.00037	.00241	.18970	5.4163	.72800	4.6628
#2	.00009	21.743	.00021	.00197	.18934	5.4172	.72454	4.6606
#3	.00019	21.742	-.00052	.00187	.19073	5.4155	.72705	4.7392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	.00046	315.57	-.00144	.18089	2.1332	-.00052	.03579
Stddev	.00013	.00011	2.07	.00030	.00012	.0265	.00009	.00635
%RSD	3.5095	22.801	.65517	20.682	.06802	1.2429	16.653	17.754

#1	.00362	.00058	316.88	-.00111	.18097	2.1236	-.00062	.04302
#2	.00380	.00037	316.63	-.00150	.18075	2.1632	-.00044	.03107
#3	.00388	.00044	313.18	-.00170	.18095	2.1128	-.00051	.03329

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35993	.72236	.00293	-.00015	.01197	-.0039	.09191	5.0705
Stddev	.00545	.00222	.00035	.00306	.00302	.0007	.00033	.1182
%RSD	1.5139	.30788	11.966	2085.3	25.266	17.58	.35904	2.3318

#1	.36023	.71986	.00324	.00160	.00883	-.0031	.09157	4.9962
#2	.36522	.72314	.00255	-.00368	.01222	-.0044	.09223	5.2069
#3	.35434	.72410	.00299	.00164	.01487	-.0041	.09192	5.0085

Sample Name: K1597-08 Acquired: 2/26/2019 16:05:01 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-20 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.5754
 %RSD 1145.6

#1 -.52544
 #2 -1.4827
 #3 1.5956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.5	40000.	4401.9	17.683	3236.9
Stddev	8.4	72.	17.6	.678	6.6
%RSD	.26434	.17935	.40041	3.8340	.20449

#1	3183.0	39926.	4381.5	17.200	3232.4
#2	3183.7	40069.	4412.2	17.392	3233.9
#3	3168.8	40005.	4411.9	18.458	3244.5

Sample Name: K1597-10 Acquired: 2/26/2019 16:09:31 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00712	.00627	.00272	-.00547	.03865	.28493	-.00002
Stddev	.00186	.00317	.00200	.00146	.00277	.01663	.00598	.00007
%RSD	1492.2	44.493	31.968	53.708	50.633	43.037	2.0985	387.19

#1	-.00190	-.00493	.00837	.00271	-.00684	.02620	.29115	.00004
#2	.00051	-.01075	.00606	.00419	-.00228	.03220	.28440	.00000
#3	.00176	-.00568	.00438	.00127	-.00728	.05754	.27923	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	167.92	.00021	.00568	-.00011	.00244	.24822	26.024
Stddev	.00003	1.80	.00031	.00014	.00024	.00094	.00050	.050
%RSD	5.9871	1.0737	150.25	2.4115	218.48	38.493	.20328	.19166

#1	-.00047	168.10	.00001	.00559	.00009	.00344	.24867	25.987
#2	-.00049	169.63	.00057	.00583	-.00005	.00230	.24767	26.004
#3	-.00043	166.03	.00004	.00560	-.00037	.00158	.24833	26.081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00806	-.00032	344.33	-.00018	.07315	1.5277	.00078	.02546
Stddev	.00030	.00029	4.96	.00026	.00007	.0262	.00050	.00581
%RSD	3.7133	90.008	1.4392	145.67	.09889	1.7121	64.005	22.824

#1	.00813	-.00025	344.64	.00007	.07306	1.5090	.00122	.02900
#2	.00832	-.00007	349.12	-.00044	.07320	1.5576	.00090	.01875
#3	.00773	-.00063	339.22	-.00017	.07317	1.5164	.00023	.02863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64309	.75084	.00417	-.00628	.03222	-.0051	.16323	5.3870
Stddev	.01412	.00571	.00019	.00177	.00111	.0027	.00011	.0566
%RSD	2.1953	.76011	4.5114	28.252	3.4460	53.35	.06984	1.0515

#1	.65939	.75148	.00436	-.00574	.03334	-.0070	.16324	5.3782
#2	.63488	.75620	.00398	-.00483	.03220	-.0063	.16334	5.4476
#3	.63499	.74484	.00416	-.00826	.03112	-.0020	.16311	5.3353

Sample Name: K1597-10 Acquired: 2/26/2019 16:09:31 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-19 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.943
 Stddev .721
 %RSD 5.5672

#1 13.119
 #2 13.560
 #3 12.151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.9	39113.	4362.3	17.917	3123.6
Stddev	8.8	42.	46.2	.164	4.3
%RSD	.28606	.10831	1.0586	.91568	.13884

#1	3091.0	39105.	4354.3	17.890	3119.2
#2	3081.3	39158.	4320.7	18.093	3127.9
#3	3073.4	39075.	4412.0	17.768	3123.6

Sample Name: K1597-12 Acquired: 2/26/2019 16:14:03 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	-.00333	.00549	.00181	.00092	.06180	.10964	-.00003
Stddev	.00305	.00109	.00047	.00492	.00208	.00521	.00410	.00009
%RSD	137.00	32.708	8.5980	271.17	225.81	8.4329	3.7425	314.89

#1	-.00069	-.00222	.00569	.00436	.00021	.06373	.10951	.00007
#2	-.00575	-.00440	.00583	-.00386	.00327	.06577	.11380	-.00008
#3	-.00025	-.00336	.00495	.00494	-.00071	.05590	.10560	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	6.2638	.00053	.00063	.00207	.05049	.07358	1.6838
Stddev	.00010	.0847	.00024	.00010	.00028	.00249	.00030	.0312
%RSD	185.53	1.3516	44.660	15.095	13.728	4.9347	.40857	1.8536

#1	.00006	6.1740	.00079	.00072	.00183	.04921	.07327	1.6495
#2	-.00009	6.3421	.00044	.00053	.00238	.05336	.07361	1.6914
#3	-.00013	6.2752	.00035	.00064	.00200	.04889	.07387	1.7105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	.00062	303.65	.00015	.04425	.74951	-.00001	.00106
Stddev	.00026	.00049	3.69	.00041	.00024	.03050	.00035	.01445
%RSD	18.735	77.969	1.2156	267.21	.53488	4.0689	2807.8	1364.9

#1	.00109	.00052	299.57	-.00023	.04424	.77728	.00002	-.00941
#2	.00147	.00020	306.76	.00059	.04450	.71687	-.00038	.01755
#3	.00158	.00116	304.62	.00010	.04402	.75438	.00032	-.00496

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14178	.31920	.00140	-.00075	.01011	.0038	.03073	4.7244
Stddev	.01720	.00292	.00038	.00229	.00226	.0010	.00018	.1493
%RSD	12.133	.91631	27.410	304.28	22.306	27.48	.59338	3.1593

#1	.15501	.32077	.00184	-.00118	.01020	.0026	.03057	4.7382
#2	.12233	.31582	.00113	.00172	.01232	.0043	.03093	4.8663
#3	.14799	.32099	.00123	-.00280	.00781	.0045	.03069	4.5688

Sample Name: K1597-12 Acquired: 2/26/2019 16:14:03 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-22 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9669
 Stddev .2708
 %RSD 4.5391

#1 5.9153
 #2 6.2599
 #3 5.7256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.7	40459.	4399.5	19.178	3297.9
Stddev	11.4	58.	18.7	.597	9.5
%RSD	.35648	.14440	.42566	3.1154	.28744

#1	3185.3	40468.	4412.5	19.842	3299.1
#2	3200.2	40512.	4378.1	18.683	3288.0
#3	3207.7	40396.	4408.0	19.008	3306.8

Sample Name: K1597-14 Acquired: 2/26/2019 16:18:36 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00576	.00561	.00508	-.00453	.09550	.40000
Stddev	.00316	.00067	.00119	.00327	.00181	.00875	.00394
%RSD	534.59	11.665	21.159	64.314	39.832	9.1629	.98488

#1	-.00078	-.00595	.00463	.00408	-.00539	.08577	.40454
#2	.00420	-.00501	.00693	.00244	-.00246	.10273	.39745
#3	-.00165	-.00631	.00528	.00874	-.00575	.09802	.39802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	-.00025	21.316	-.00137	.00338	-.00122	14.438
Stddev	.00009	.00013	.115	.00023	.00005	.00023	.237
%RSD	10.375	54.442	.53757	16.915	1.4099	18.594	1.6384

#1	.00083	-.00033	21.319	-.00133	.00341	-.00146	14.558
#2	.00085	-.00009	21.200	-.00162	.00341	-.00102	14.165
#3	.00100	-.00032	21.429	-.00116	.00333	-.00117	14.590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60737	2.5110	.00123	.00000	318.12	-.00093	.40215
Stddev	.00077	.0260	.00007	.00022	5.71	.00010	.00035
%RSD	.12757	1.0334	5.7053	5608.7	1.7964	10.540	.08805

#1	.60647	2.5382	.00126	.00021	320.70	-.00094	.40256
#2	.60780	2.5085	.00115	-.00022	311.57	-.00082	.40197
#3	.60783	2.4865	.00128	.00003	322.08	-.00102	.40193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8231	-.00006	.03982	1.5105	.67812	.00231	-.00117
Stddev	.0251	.00018	.00263	.0102	.01519	.00098	.00158
%RSD	1.3770	329.14	6.6124	.67661	2.2398	42.307	135.11

#1	1.8371	.00011	.03976	1.5025	.68560	.00336	-.00234
#2	1.8380	-.00003	.04249	1.5071	.66064	.00142	-.00179
#3	1.7941	-.00025	.03722	1.5220	.68811	.00216	.00063

Sample Name: K1597-14 Acquired: 2/26/2019 16:18:36 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-22 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01050	-.0024	.07306	4.7998	F<.00000
Stddev	.00039	.0013	.00005	.2377	1.8689
%RSD	3.6930	55.03	.06198	4.9531	12.511

#1	.01091	-.0036	.07307	5.0405	-15.215
#2	.01014	-.0010	.07310	4.7937	-16.651
#3	.01045	-.0028	.07301	4.5651	-12.945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.7	39986.	4373.3	18.694	3237.6
Stddev	6.3	228.	79.6	.740	1.5
%RSD	.19883	.56912	1.8210	3.9561	.04633

#1	3175.6	39725.	4310.9	17.925	3237.3
#2	3188.3	40089.	4463.0	19.400	3239.2
#3	3181.1	40144.	4346.1	18.758	3236.2

Sample Name: K1597-16 Acquired: 2/26/2019 16:23:07 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	-.00343	.01399	.00395	-.00147	.16130	.12517	.00007
Stddev	.00237	.00107	.00047	.00216	.00146	.00327	.00546	.00012
%RSD	197.15	31.187	3.3528	54.576	99.481	2.0296	4.3622	170.60

#1	.00135	-.00374	.01425	.00207	-.00148	.15778	.13145	.00001
#2	-.00163	-.00431	.01345	.00630	-.00000	.16426	.12156	.00021
#3	-.00332	-.00224	.01426	.00347	-.00293	.16185	.12250	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	2.7786	.00088	.00032	.00566	.02908	.04432	.61966
Stddev	.00006	.0238	.00042	.00019	.00046	.00063	.00031	.07046
%RSD	1283.9	.85539	47.801	58.803	8.1909	2.1529	.70790	11.371

#1	-.00007	2.8052	.00068	.00017	.00516	.02919	.04396	.54199
#2	-.00001	2.7595	.00059	.00054	.00607	.02965	.04455	.63750
#3	.00006	2.7711	.00136	.00026	.00574	.02841	.04445	.67949

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00641	.00067	335.17	-.00002	.05479	.57869	-.00008	.00281
Stddev	.00023	.00033	2.61	.00022	.00006	.02944	.00002	.00514
%RSD	3.6252	50.090	.77747	905.10	.11566	5.0877	23.993	182.73

#1	.00623	.00100	334.37	.00015	.05480	.54470	-.00008	.00857
#2	.00632	.00034	338.08	-.00027	.05485	.59618	-.00011	-.00129
#3	.00667	.00065	333.05	.00005	.05472	.59519	-.00007	.00116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22961	.17536	.00215	.00034	.00795	-.0004	.02052	4.8946
Stddev	.01068	.00249	.00042	.00178	.00138	.0006	.00011	.2537
%RSD	4.6518	1.4188	19.517	520.25	17.352	133.5	.52513	5.1832

#1	.22662	.17292	.00263	-.00167	.00638	.0001	.02063	5.1512
#2	.24147	.17790	.00197	.00095	.00851	-.0010	.02050	4.6439
#3	.22074	.17527	.00185	.00174	.00896	-.0004	.02042	4.8887

Sample Name: K1597-16 Acquired: 2/26/2019 16:23:07 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-23 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7733
 Stddev .7744
 %RSD 13.414

#1 5.6576
 #2 6.5991
 #3 5.0632

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.3	39950.	4353.0	18.456	3258.9
Stddev	17.6	196.	18.2	.698	16.3
%RSD	.55174	.49115	.41801	3.7811	.49925

#1	3171.4	39791.	4339.4	18.875	3243.4
#2	3184.3	39890.	4345.9	17.650	3257.5
#3	3206.2	40169.	4373.7	18.842	3275.8

Sample Name: K1617-01 Acquired: 2/26/2019 16:27:42 Type: Unk
Method: P4-ICP2(v2892) 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	-.00088	.00040	.01393	.00058	-.00276	.00594	-.00791	.00005
Stddev	.00574	.00126	.00066	.00600	.00042	.00136	.00314	.00008
%RSD	649.66	317.67	4.7484	1039.2	15.127	22.917	39.732	151.50
#1	.00378	-.00089	.01322	.00631	-.00285	.00602	-.00463	.00009
#2	.00086	.00045	.01453	-.00565	-.00230	.00454	-.01090	-.00004
#3	-.00730	.00163	.01403	.00107	-.00312	.00726	-.00820	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.36866	-.00015	-.00033	.01286	-.01795	.00036	.08960
Stddev	.00006	.01523	.00022	.00026	.00098	.00019	.00003	.02068
%RSD	174.81	4.1315	147.91	79.872	7.6319	1.0715	7.2516	23.085
#1	.00010	.35674	-.00018	-.00038	.01307	-.01793	.00037	.11121
#2	.00001	.38582	-.00035	-.00004	.01372	-.01816	.00039	.08759
#3	-.00001	.36343	.00008	-.00055	.01179	-.01777	.00034	.06999
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	.00144	262.84	.00752	.01639	1.2795	.00030	.01837
Stddev	.00014	.00038	.87	.00037	.00008	.0260	.00022	.00950
%RSD	23.337	26.145	.32924	4.9160	.51089	2.0285	72.787	51.696
#1	-.00077	.00155	263.04	.00776	.01630	1.2517	.00015	.00754
#2	-.00053	.00175	263.58	.00771	.01647	1.2837	.00020	.02528
#3	-.00052	.00102	261.89	.00710	.01638	1.3031	.00055	.02229
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.652	F 17.960	-.00795	-.00060	.00208	-.0012	.00048	4.2025
Stddev	.015	.084	.00041	.00289	.00177	.0006	.00002	.2073
%RSD	.06121	.46981	5.1287	480.57	85.197	48.74	4.6446	4.9330
#1	24.669	17.963	-.00829	.00233	.00004	-.0013	.00049	4.3903
#2	24.649	18.043	-.00750	-.00069	.00296	-.0005	.00049	3.9801
#3	24.639	17.874	-.00807	-.00344	.00324	-.0016	.00045	4.2372

Sample Name: K1617-01 Acquired: 2/26/2019 16:27:42 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.8899
Stddev .6108
%RSD 10.370

#1 6.0183
#2 6.4263
#3 5.2251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.7	41034.	4404.4	17.892	3393.1
Stddev	9.1	82.	18.5	.517	8.7
%RSD	.27899	.19931	.41895	2.8878	.25568

#1	3283.5	41127.	4413.1	17.492	3398.3
#2	3275.5	40975.	4383.2	17.708	3397.8
#3	3265.2	40999.	4416.9	18.475	3383.1

Sample Name: PB117400BL Acquired: 2/26/2019 16:32:15 Type: Unk
Method: P4-ICP2(v2892) 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	.00354	-.00020	.00040	.00149	-.00200	-.01703	-.00462
Stddev	.00125	.00030	.00023	.00144	.00063	.00822	.00823
%RSD	35.145	150.44	58.732	96.102	31.644	48.276	178.21

#1	.00227	-.00027	.00062	.00257	-.00256	-.00913	-.01106
#2	.00475	-.00046	.00042	-.00014	-.00131	-.01642	.00465
#3	.00361	.00013	.00015	.00206	-.00212	-.02553	-.00745

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00005	.01515	-.00022	-.00019	-.00043	.00220
Stddev	.00007	.00009	.00985	.00007	.00023	.00014	.00092
%RSD	136.27	180.85	65.035	31.406	121.03	32.669	41.877

#1	.00011	-.00004	.02222	-.00030	-.00013	-.00059	.00314
#2	-.00003	.00006	.00390	-.00021	-.00043	-.00039	.00214
#3	.00008	.00014	.01934	-.00016	.00001	-.00032	.00130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02565	.00033	.00077	F .64437	.00007	-.00049
Stddev	.00004	.00870	.00045	.00014	.01971	.00031	.00005
%RSD	182.14	33.937	137.39	18.454	3.0589	433.70	10.523

#1	.00000	-.02250	.00012	.00064	.66704	.00040	-.00046
#2	-.00000	-.03549	.00001	.00092	.63478	-.00022	-.00047
#3	.00006	-.01896	.00084	.00076	.63128	.00004	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26197	-.00025	-.01158	F .07081	.00391	.00007	-.00198
Stddev	.01118	.00026	.00224	.00799	.00314	.00026	.00028
%RSD	4.2657	103.51	19.345	11.277	80.342	374.49	13.943

#1	.27471	-.00007	-.00916	.07501	.00711	.00011	-.00215
#2	.25742	-.00054	-.01359	.06161	.00379	-.00021	-.00166
#3	.25380	-.00013	-.01198	.07583	.00083	.00031	-.00211

Sample Name: PB117400BL Acquired: 2/26/2019 16:32:15 Type: Unk
Method: P4-ICP2(v2892) 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	.00461	-.0029	.00002	F 1.6174	F<.00000
Stddev	.00307	.0002	.00006	.2245	.91480
%RSD	66.494	8.547	345.98	13.879	579.11

#1	.00746	-.0029	.00008	1.4019	.58071
#2	.00501	-.0027	.00001	1.8499	-1.1812
#3	.00137	-.0032	-.00004	1.6004	.12663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.5	43859.	4379.7	19.711	3796.8
Stddev	5.7	151.	14.0	.288	6.6
%RSD	.16651	.34322	.32070	1.4623	.17404

#1	3409.8	43717.	4365.1	19.458	3789.2
#2	3415.5	43843.	4393.1	19.650	3800.4
#3	3421.2	44017.	4381.0	20.025	3800.8

Sample Name: PB117400BS Acquired: 2/26/2019 16:36:43 Type: Unk
Method: P4-ICP2(v2892) 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	.86717	2.1624	1.0782	2.1179	.92912	2.0008	.20837
Stddev	.00331	.0064	.0014	.0099	.00504	.0142	.00333
%RSD	.38153	.29404	.12819	.46579	.54244	.70848	1.5988

#1	.86608	2.1682	1.0797	2.1279	.92842	1.9960	.20918
#2	.86453	2.1634	1.0771	2.1082	.92446	1.9897	.20470
#3	.87088	2.1556	1.0776	2.1177	.93447	2.0168	.21121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20671	.20265	1.0731	.41583	.21470	.33691	3.3993
Stddev	.00016	.00047	.0082	.00090	.00068	.00123	.0006
%RSD	.07604	.22985	.76320	.21649	.31526	.36626	.01802

#1	.20687	.20319	1.0649	.41498	.21393	.33646	3.4000
#2	.20656	.20237	1.0730	.41677	.21504	.33597	3.3989
#3	.20670	.20239	1.0813	.41575	.21515	.33831	3.3990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21747	2.2001	.50742	.07747	3.5168	.30734	.21330
Stddev	.00032	.0126	.00121	.00041	.0031	.00500	.00068
%RSD	.14640	.57449	.23800	.52322	.08731	1.6279	.31760

#1	.21713	2.1895	.50781	.07704	3.5134	.30499	.21383
#2	.21751	2.1967	.50839	.07784	3.5193	.30395	.21254
#3	.21777	2.2141	.50607	.07754	3.5177	.31309	.21354

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.613	.47559	.28543	F .04876	1.0020	.66851	.21399
Stddev	.019	.00198	.00904	.02618	.0073	.00162	.00363
%RSD	.18182	.41621	3.1669	53.689	.72965	.24224	1.6963

#1	10.607	.47648	.27765	.06205	1.0033	.66995	.21300
#2	10.597	.47332	.28329	.06562	.99417	.66882	.21801
#3	10.634	.47696	.29534	.01860	1.0086	.66675	.21096

Sample Name: PB117400BS Acquired: 2/26/2019 16:36:43 Type: Unk
Method: P4-ICP2(v2892) 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	.22579	5.591	.21225	F 2.8077	F<.00000
Stddev	.00210	.011	.00030	.1033	.84615
%RSD	.92821	.1970	.14240	3.6789	6.7588

#1	.22338	5.604	.21196	2.7550	-12.618
#2	.22678	5.585	.21257	2.9268	-11.628
#3	.22720	5.584	.21222	2.7414	-13.312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.6	43178.	4366.9	20.336	3649.8
Stddev	9.0	83.	14.9	.644	8.9
%RSD	.26967	.19201	.34128	3.1663	.24498

#1	3350.5	43142.	4372.3	20.533	3643.5
#2	3349.2	43118.	4350.0	20.858	3646.0
#3	3334.2	43272.	4378.3	19.617	3660.1

Sample Name: CCV05 Acquired: 2/26/2019 16:48:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2874	5.0405	5.1629	5.1326	5.3533	9.5792	9.7184	.25312
Stddev	.0173	.0129	.0248	.0076	.0085	.0674	.0992	.00074
%RSD	.32651	.25605	.48056	.14841	.15879	.70350	1.0211	.29340
#1	5.2692	5.0535	5.1782	5.1283	5.3448	9.5082	9.8109	.25385
#2	5.2897	5.0277	5.1342	5.1280	5.3531	9.5870	9.7307	.25237
#3	5.3035	5.0401	5.1761	5.1414	5.3618	9.6423	9.6135	.25315
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4830	24.198	.95584	2.5405	1.2646	5.0187	2.4889	24.803
Stddev	.0080	.084	.00137	.0087	.0022	.0673	.0034	.023
%RSD	.32270	.34587	.14323	.34142	.17392	1.3411	.13699	.09352
#1	2.4890	24.250	.95629	2.5478	1.2621	5.0958	2.4850	24.815
#2	2.4739	24.101	.95431	2.5309	1.2660	4.9886	2.4903	24.777
#3	2.4860	24.243	.95693	2.5429	1.2658	4.9716	2.4914	24.819
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3974	1.2528	24.223	2.3492	2.6213	24.244	5.3985	4.5689
Stddev	.0076	.0017	.207	.0020	.0107	.196	.0107	.0315
%RSD	.31898	.13503	.85649	.08325	.40639	.80864	.19784	.68887
#1	2.4024	1.2547	24.426	2.3512	2.6284	24.446	5.3866	4.5838
#2	2.3886	1.2523	24.231	2.3473	2.6090	24.234	5.4015	4.5327
#3	2.4012	1.2514	24.011	2.3491	2.6264	24.054	5.4073	4.5902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8607	4.9607	4.6080	5.0805	4.8509	4.813	4.9475	5.0100
Stddev	.0303	.0593	.0214	.0173	.0427	.035	.0475	.1506
%RSD	.62419	1.1962	.46497	.34127	.87916	.7248	.95973	3.0056
#1	4.8383	5.0292	4.6298	5.0966	4.8892	4.842	4.9931	5.1833
#2	4.8486	4.9290	4.5869	5.0622	4.8585	4.774	4.9511	4.9108
#3	4.8953	4.9239	4.6073	5.0828	4.8049	4.823	4.8983	4.9359

Sample Name: CCV05 Acquired: 2/26/2019 16:48:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5618
Stddev .6516
%RSD 25.435

#1 3.2589
#2 2.4584
#3 1.9681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.9	40847.	4301.3	17.082	3277.9
Stddev	3.3	53.	48.9	.583	12.9
%RSD	.10436	.12914	1.1380	3.4121	.39272

#1	3201.3	40867.	4246.7	16.610	3264.5
#2	3196.1	40787.	4315.9	17.734	3290.2
#3	3202.2	40886.	4341.2	16.903	3278.8

Sample Name: CCV05 Acquired: 2/26/2019 16:48:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2874	5.0405	5.1629	5.1326	5.3533	9.5792	9.7184	.25312
Stddev	.0173	.0129	.0248	.0076	.0085	.0674	.0992	.00074
%RSD	.32651	.25605	.48056	.14841	.15879	.70350	1.0211	.29340
#1	5.2692	5.0535	5.1782	5.1283	5.3448	9.5082	9.8109	.25385
#2	5.2897	5.0277	5.1342	5.1280	5.3531	9.5870	9.7307	.25237
#3	5.3035	5.0401	5.1761	5.1414	5.3618	9.6423	9.6135	.25315
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4830	24.198	.95584	2.5405	1.2646	5.0187	2.4889	24.803
Stddev	.0080	.084	.00137	.0087	.0022	.0673	.0034	.023
%RSD	.32270	.34587	.14323	.34142	.17392	1.3411	.13699	.09352
#1	2.4890	24.250	.95629	2.5478	1.2621	5.0958	2.4850	24.815
#2	2.4739	24.101	.95431	2.5309	1.2660	4.9886	2.4903	24.777
#3	2.4860	24.243	.95693	2.5429	1.2658	4.9716	2.4914	24.819
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3974	1.2528	24.223	2.3492	2.6213	24.244	5.3985	4.5689
Stddev	.0076	.0017	.207	.0020	.0107	.196	.0107	.0315
%RSD	.31898	.13503	.85649	.08325	.40639	.80864	.19784	.68887
#1	2.4024	1.2547	24.426	2.3512	2.6284	24.446	5.3866	4.5838
#2	2.3886	1.2523	24.231	2.3473	2.6090	24.234	5.4015	4.5327
#3	2.4012	1.2514	24.011	2.3491	2.6264	24.054	5.4073	4.5902
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8607	4.9607	4.6080	5.0805	4.8509	4.813	4.9475	5.0100
Stddev	.0303	.0593	.0214	.0173	.0427	.035	.0475	.1506
%RSD	.62419	1.1962	.46497	.34127	.87916	.7248	.95973	3.0056
#1	4.8383	5.0292	4.6298	5.0966	4.8892	4.842	4.9931	5.1833
#2	4.8486	4.9290	4.5869	5.0622	4.8585	4.774	4.9511	4.9108
#3	4.8953	4.9239	4.6073	5.0828	4.8049	4.823	4.8983	4.9359

Sample Name: CCV05 Acquired: 2/26/2019 16:48:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5618
Stddev .6516
%RSD 25.435

#1 3.2589
#2 2.4584
#3 1.9681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.9	40847.	4301.3	17.082	3277.9
Stddev	3.3	53.	48.9	.583	12.9
%RSD	.10436	.12914	1.1380	3.4121	.39272

#1	3201.3	40867.	4246.7	16.610	3264.5
#2	3196.1	40787.	4315.9	17.734	3290.2
#3	3202.2	40886.	4341.2	16.903	3278.8

Sample Name: CCB05 Acquired: 2/26/2019 16:52:24 Type: Unk
Method: P4-ICP2(v2892) 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	.00248	-.00064	.00082	.00092	.00223	-.01028	-.00493
Stddev	.00248	.00124	.00068	.00072	.00342	.01511	.00214
%RSD	99.888	193.53	83.654	78.394	153.68	147.03	43.469

#1	-.00038	-.00081	.00015	.00168	.00515	-.02742	-.00523
#2	.00396	-.00179	.00151	.00026	-.00154	-.00450	-.00266
#3	.00386	.00067	.00079	.00081	.00307	.00109	-.00691

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00008	-.00539	-.00026	.00016	-.00055	.00124
Stddev	.00009	.00018	.02458	.00040	.00007	.00021	.00130
%RSD	113.65	228.81	456.27	156.90	41.835	39.027	104.82

#1	.00002	.00017	-.02905	.00016	.00009	-.00046	-.00023
#2	.00004	-.00013	-.00712	-.00028	.00022	-.00040	.00226
#3	.00019	.00019	.02001	-.00065	.00016	-.00080	.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02418	.00027	.00065	.10384	.00029	-.00054
Stddev	.00003	.02115	.00001	.00056	.01563	.00028	.00003
%RSD	127.76	87.456	4.5832	86.423	15.053	99.018	5.0347

#1	.00003	-.00009	.00026	.00019	.08803	-.00000	-.00057
#2	-.00001	-.03969	.00029	.00128	.11929	.00056	-.00053
#3	.00005	-.03276	.00027	.00048	.10419	.00030	-.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13936	-.00005	.00738	F .04742	.00375	.00039	-.00295
Stddev	.03746	.00036	.00538	.00250	.00128	.00070	.00078
%RSD	26.878	717.63	72.938	5.2816	34.079	182.16	26.538

#1	.10803	-.00004	.01287	.04974	.00400	.00039	-.00258
#2	.18085	-.00041	.00717	.04477	.00236	.00109	-.00242
#3	.12920	.00030	.00211	.04774	.00488	-.00032	-.00385

Sample Name: CCB05 Acquired: 2/26/2019 16:52:24 Type: Unk
 Method: P4-ICP2(v2892) 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	.00123	-.0036	.00002	F 2.3502	F<.00000
Stddev	.00224	.0006	.00011	.1326	.48017
%RSD	182.76	16.96	433.50	5.6422	39.878

#1	.00064	-.0043	.00015	2.3938	-1.7173
#2	.00370	-.0035	-.00001	2.2013	-1.1293
#3	-.00067	-.0031	-.00006	2.4555	-.76574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.0	43399.	4393.3	18.031	3762.9
Stddev	6.4	143.	61.8	.513	4.3
%RSD	.19120	.33042	1.4059	2.8462	.11516

#1	3364.6	43453.	4323.1	17.458	3765.5
#2	3363.9	43237.	4417.3	18.183	3757.9
#3	3375.4	43508.	4439.4	18.450	3765.2

Sample Name: PB117387BL Acquired: 2/26/2019 16:56:52 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7964 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00114	.00129	.00221	-.00198	-.00141	-.00154	.00008
Stddev	.00128	.00040	.00048	.00094	.00111	.01476	.00433	.00003
%RSD	38.627	34.788	37.487	42.464	55.834	1043.9	281.41	42.551
#1	.00464	-.00070	.00132	.00202	-.00261	.00243	-.00153	.00004
#2	.00208	-.00126	.00079	.00139	-.00263	.01104	.00279	.00009
#3	.00326	-.00147	.00176	.00324	-.00070	-.01772	-.00587	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00889	-.00007	-.00000	-.00024	.00152	-.00004	-.02616
Stddev	.00010	.00758	.00053	.00013	.00060	.00158	.00002	.04152
%RSD	198.36	85.265	738.79	4286.3	243.23	104.19	52.850	158.72
#1	-.00003	-.01123	.00051	-.00007	.00043	.00254	-.00002	-.00030
#2	.00016	-.00042	-.00052	.00015	-.00046	.00232	-.00004	-.07406
#3	.00001	-.01502	-.00021	-.00009	-.00070	-.00030	-.00006	-.00413
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00078	.06627	.00018	-.00063	.11949	-.00003	.00535
Stddev	.00025	.00068	.00800	.00020	.00005	.03065	.00037	.00582
%RSD	68.095	87.159	12.078	110.27	8.2265	25.647	1317.3	108.81
#1	.00057	.00068	.06462	.00023	-.00058	.15401	-.00044	.00796
#2	.00009	.00150	.05922	.00036	-.00069	.09550	.00008	.00940
#3	.00046	.00015	.07497	-.00004	-.00062	.10896	.00028	-.00132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06295	.00335	-.00039	-.00001	.00078	-.0038	-.00014	F 2.3983
Stddev	.01792	.00151	.00034	.00052	.00199	.0010	.00012	.0299
%RSD	28.473	45.193	87.344	4732.7	256.57	26.99	88.466	1.2485
#1	.07833	.00474	-.00063	-.00045	.00301	-.0043	-.00028	2.3776
#2	.06725	.00357	-.00000	.00056	.00014	-.0026	-.00010	2.3846
#3	.04327	.00174	-.00054	-.00015	-.00082	-.0045	-.00004	2.4326

Sample Name: PB117387BL Acquired: 2/26/2019 16:56:52 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7964 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .04528
Stddev	.60095
%RSD	1327.2

#1	-.50931
#2	-.03862
#3	.68377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.8	43227.	4330.5	19.017	3747.5
Stddev	7.6	24.	33.8	1.518	3.1
%RSD	.22808	.05651	.78149	7.9838	.08244

#1	3356.2	43230.	4316.5	19.608	3744.7
#2	3358.1	43201.	4305.9	17.292	3750.8
#3	3344.0	43249.	4369.1	20.150	3747.2

Sample Name: PB117387BS Acquired: 2/26/2019 17:01:21 Type: Unk
Method: P4-ICP2(v2892) 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	.84093	2.0670	1.0286	2.0363	.88909	1.9654	.20939
Stddev	.00350	.0007	.0050	.0101	.00704	.0159	.00468
%RSD	.41653	.03428	.49035	.49375	.79181	.80785	2.2341

#1	.84495	2.0674	1.0344	2.0350	.89648	1.9835	.20779
#2	.83935	2.0674	1.0255	2.0470	.88832	1.9590	.20573
#3	.83850	2.0662	1.0260	2.0270	.88247	1.9538	.21466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19866	.19302	1.0557	.40735	.20813	.32613	3.3109
Stddev	.00005	.00049	.0256	.00026	.00076	.00076	.0143
%RSD	.02389	.25531	2.4241	.06364	.36731	.23288	.43037

#1	.19863	.19358	1.0689	.40731	.20899	.32688	3.3120
#2	.19863	.19267	1.0262	.40762	.20791	.32536	3.2961
#3	.19871	.19280	1.0720	.40710	.20751	.32616	3.3245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21244	2.0969	.48910	.07196	3.2686	.29752	.20379
Stddev	.00077	.0547	.00245	.00081	.0109	.00131	.00094
%RSD	.36373	2.6081	.50163	1.1243	.33253	.44050	.46351

#1	.21287	2.1027	.49161	.07193	3.2783	.29725	.20477
#2	.21155	2.0395	.48899	.07117	3.2568	.29894	.20371
#3	.21289	2.1485	.48671	.07279	3.2706	.29636	.20288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.431	.45841	.27805	F .04488	.95412	.62655	.20459
Stddev	.057	.00223	.01168	.01073	.00721	.00096	.00219
%RSD	.54645	.48546	4.2022	23.906	.75617	.15311	1.0723

#1	10.482	.46079	.28674	.03315	.94580	.62575	.20232
#2	10.369	.45804	.26477	.04728	.95862	.62761	.20670
#3	10.441	.45639	.28265	.05420	.95795	.62629	.20476

Sample Name: PB117387BS Acquired: 2/26/2019 17:01:21 Type: Unk
Method: P4-ICP2(v2892) 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	.22168	5.310	.20804	F 3.4888	F<.00000
Stddev	.00348	.006	.00090	.2432	.73635
%RSD	1.5684	.1204	.43044	6.9696	5.9697

#1	.22537	5.313	.20907	3.6084	-12.227
#2	.22122	5.315	.20740	3.6489	-13.119
#3	.21846	5.303	.20767	3.2090	-11.658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.9	42830.	4336.0	18.344	3635.2
Stddev	13.1	68.	14.1	1.464	12.8
%RSD	.39577	.15898	.32530	7.9834	.35332

#1	3285.2	42751.	4326.9	16.667	3624.7
#2	3297.2	42865.	4352.3	19.000	3631.3
#3	3311.3	42873.	4328.8	19.367	3649.5

Sample Name: PB117388BL Acquired: 2/26/2019 17:05:27 Type: Unk
Method: P4-ICP2(v2892) 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	.00267	.00019	.00058	.00209	-.00249	-.00888	-.00255	.00011
Stddev	.00269	.00175	.00178	.00365	.00197	.01204	.00505	.00006
%RSD	100.90	912.98	309.28	174.26	79.358	135.64	197.90	53.151
#1	-.00036	.00102	-.00049	.00329	-.00116	-.01593	-.00718	.00004
#2	.00480	.00137	.00263	.00499	-.00476	-.01573	-.00331	.00014
#3	.00356	-.00182	-.00041	-.00200	-.00154	.00503	.00283	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00130	-.00001	.00019	-.00010	.00194	-.00005	-.03515
Stddev	.00008	.01429	.00051	.00003	.00021	.00175	.00004	.01521
%RSD	67.406	1095.9	7589.2	17.012	211.08	89.871	76.163	43.279
#1	.00010	-.00366	-.00057	.00018	.00011	-.00006	-.00001	-.04871
#2	.00019	.01741	.00014	.00023	-.00030	.00278	-.00008	-.01870
#3	.00004	-.00984	.00042	.00017	-.00011	.00312	-.00005	-.03805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	.00045	.04143	.00009	-.00065	.10467	-.00047	-.01069
Stddev	.00041	.00024	.00823	.00019	.00008	.03845	.00017	.00503
%RSD	49.489	53.185	19.856	217.40	12.590	36.729	36.909	47.065
#1	.00102	.00053	.03725	-.00004	-.00069	.11985	-.00041	-.01619
#2	.00036	.00018	.05090	-.00000	-.00070	.13321	-.00066	-.00960
#3	.00111	.00064	.03613	.00031	-.00055	.06095	-.00033	-.00630
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04509	.00086	-.00074	-.00178	-.00127	-.0033	-.00019	F 2.3094
Stddev	.01192	.00209	.00024	.00233	.00090	.0011	.00007	.3610
%RSD	26.429	241.84	32.222	130.82	70.882	35.14	37.366	15.632
#1	.03145	-.00063	-.00049	.00037	-.00221	-.0032	-.00027	2.6383
#2	.05035	-.00002	-.00097	-.00145	-.00117	-.0044	-.00017	2.3667
#3	.05347	.00325	-.00075	-.00425	-.00042	-.0022	-.00013	1.9231

Sample Name: PB117388BL Acquired: 2/26/2019 17:05:27 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .49709
Stddev 1.2576
%RSD 252.99

#1 -.69335
#2 .37215
#3 1.8125

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.4	43849.	4389.7	18.847	3804.0
Stddev	1.3	121.	25.3	.226	4.5
%RSD	.03819	.27663	.57724	1.1982	.11821

#1	3398.6	43965.	4413.0	18.633	3809.2
#2	3399.6	43860.	4393.4	19.083	3801.4
#3	3397.0	43723.	4362.7	18.825	3801.4

Sample Name: PB118388BS Acquired: 2/26/2019 17:09:55 Type: Unk
Method: P4-ICP2(v2892) 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	.80273	1.9950	.98626	1.9625	.84088	1.8586	.19366
Stddev	.00261	.0124	.00275	.0160	.00546	.0301	.00451
%RSD	.32535	.62184	.27850	.81498	.64900	1.6180	2.3314

#1	.79979	1.9807	.98310	1.9600	.83467	1.8542	.18925
#2	.80361	2.0015	.98805	1.9479	.84494	1.8906	.19346
#3	.80478	2.0029	.98764	1.9796	.84302	1.8309	.19828

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18907	.18516	.99623	.38815	.19973	.31171	3.1629
Stddev	.00041	.00094	.02039	.00188	.00070	.00271	.0215
%RSD	.21859	.50976	2.0467	.48537	.35138	.86914	.68025

#1	.18861	.18440	.99754	.38828	.19913	.30863	3.1607
#2	.18942	.18486	1.0159	.38997	.19955	.31274	3.1425
#3	.18916	.18622	.97522	.38621	.20050	.31375	3.1854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20269	2.0295	.46858	.07014	3.1373	.28456	.19542
Stddev	.00040	.0197	.00265	.00073	.0159	.00186	.00109
%RSD	.19586	.97194	.56464	1.0407	.50645	.65224	.55634

#1	.20253	2.0491	.46716	.07012	3.1195	.28369	.19480
#2	.20239	2.0097	.46695	.06941	3.1502	.28330	.19479
#3	.20314	2.0296	.47164	.07087	3.1421	.28669	.19668

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9579	F .50824	.28221	F .03163	.91079	.65377	.19466
Stddev	.0376	.04094	.00416	.01614	.01041	.03275	.00185
%RSD	.37752	8.0554	1.4757	51.015	1.1427	5.0087	.95198

#1	9.9301	.46602	.28357	.04336	.91195	.62080	.19486
#2	10.001	.51092	.27753	.01323	.89986	.65423	.19271
#3	9.9429	.54777	.28551	.03829	.92058	.68628	.19640

Sample Name: PB118388BS Acquired: 2/26/2019 17:09:55 Type: Unk
 Method: P4-ICP2(v2892) 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	.21185	5.118	.19841	F 3.1354	F<.00000
Stddev	.00175	.019	.00066	.1473	1.2796
%RSD	.82419	.3709	.33141	4.6988	11.329

#1	.21021	5.096	.19768	3.2847	-10.209
#2	.21164	5.124	.19860	3.1315	-12.705
#3	.21369	5.133	.19895	2.9901	-10.969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.6	42996.	4335.7	18.381	3629.9
Stddev	9.8	64.	36.5	.692	9.8
%RSD	.29607	.14843	.84271	3.7661	.27014

#1	3285.8	42922.	4319.8	19.150	3618.9
#2	3299.0	43029.	4377.5	17.808	3637.7
#3	3304.9	43036.	4309.8	18.183	3633.2

Sample Name: PB117409BL Acquired: 2/26/2019 17:14:01 Type: Unk
Method: P4-ICP2(v2892) 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	.00229	-.00039	.00074	-.00065	-.00166	-.00934	-.00406	.00001
Stddev	.00216	.00084	.00026	.00393	.00078	.01755	.00259	.00004
%RSD	94.403	216.15	34.440	607.99	46.788	187.90	63.817	398.55

#1	.00073	.00016	.00099	-.00136	-.00078	-.02383	-.00215	.00003
#2	.00476	.00003	.00048	-.00418	-.00195	.01017	-.00302	-.00004
#3	.00139	-.00135	.00076	.00359	-.00226	-.01435	-.00702	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00307	.00000	.00001	-.00006	.00145	.00000	-.02867
Stddev	.00006	.00263	.00036	.00010	.00076	.00130	.00005	.02369
%RSD	35.488	85.400	16965.	741.83	1339.3	89.477	8939.9	82.656

#1	.00018	-.00475	.00027	.00012	.00000	-.00005	.00001	-.03369
#2	.00022	-.00442	.00014	.00000	-.00085	.00225	.00005	-.00286
#3	.00010	-.00005	-.00041	-.00008	.00067	.00214	-.00005	-.04944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00087	.01928	.00014	-.00062	.09231	-.00038	-.00813
Stddev	.00022	.00042	.00577	.00070	.00005	.02746	.00018	.00530
%RSD	122.81	47.712	29.917	496.36	8.6549	29.750	46.576	65.221

#1	-.00004	.00112	.02575	-.00033	-.00059	.09453	-.00019	-.01294
#2	.00039	.00111	.01467	.00095	-.00058	.11858	-.00042	-.00245
#3	.00018	.00039	.01742	-.00019	-.00068	.06380	-.00054	-.00899

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05287	.00410	-.00020	-.00083	.00383	-.0039	-.00012	F 2.9009
Stddev	.00751	.00131	.00046	.00258	.00274	.0003	.00000	.0739
%RSD	14.208	31.905	233.58	312.11	71.372	7.400	2.3264	2.5476

#1	.06090	.00300	.00029	.00024	.00105	-.0040	-.00012	2.9786
#2	.05169	.00375	-.00064	-.00376	.00652	-.0036	-.00013	2.8925
#3	.04602	.00554	-.00024	.00104	.00393	-.0041	-.00012	2.8315

Sample Name: PB117409BL Acquired: 2/26/2019 17:14:01 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .19489
Stddev	.67031
%RSD	343.94

#1	-.53736
#2	.34382
#3	.77820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.7	43417.	4350.4	18.411	3756.9
Stddev	5.4	204.	26.9	.757	6.2
%RSD	.16060	.47098	.61801	4.1142	.16459

#1	3357.5	43181.	4321.2	18.233	3763.7
#2	3359.9	43541.	4355.9	17.758	3751.6
#3	3349.6	43529.	4374.1	19.242	3755.4

Sample Name: PB117409BS Acquired: 2/26/2019 17:18:29 Type: Unk
Method: P4-ICP2(v2892) 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	.81311	2.0003	.99573	1.9669	.84725	1.9010	.19729
Stddev	.00504	.0042	.00193	.0134	.00175	.0757	.00435
%RSD	.61945	.20762	.19390	.68036	.20706	3.9834	2.2026

#1	.81585	2.0014	.99363	1.9818	.84771	1.9883	.19247
#2	.80730	2.0037	.99742	1.9558	.84873	1.8532	.19850
#3	.81619	1.9957	.99614	1.9631	.84532	1.8615	.20091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19296	.18641	1.0067	.38877	.20023	.31404	3.1919
Stddev	.00071	.00059	.0078	.00025	.00076	.00184	.0451
%RSD	.37001	.31748	.77449	.06541	.37798	.58504	1.4143

#1	.19369	.18573	.99858	.38870	.19936	.31589	3.1410
#2	.19227	.18681	1.0074	.38855	.20064	.31403	3.2272
#3	.19292	.18669	1.0141	.38905	.20070	.31221	3.2074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20341	2.0492	.47077	.07100	3.0947	.28430	.19747
Stddev	.00059	.0097	.00060	.00063	.0188	.00126	.00068
%RSD	.28866	.47193	.12639	.88981	.60777	.44196	.34625

#1	.20277	2.0490	.47046	.07060	3.0733	.28285	.19670
#2	.20393	2.0590	.47039	.07173	3.1021	.28496	.19801
#3	.20352	2.0396	.47146	.07067	3.1086	.28510	.19769

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9171	F .60510	F .36836	F .04443	1.0614	.73106	F .31326
Stddev	.0798	.00221	.00940	.00670	.0243	.00291	.01678
%RSD	.80414	.36603	2.5518	15.088	2.2906	.39773	5.3562

#1	9.8266	.60605	.35753	.05213	1.0336	.72933	.29488
#2	9.9473	.60257	.37317	.03985	1.0722	.72943	.31714
#3	9.9773	.60668	.37438	.04133	1.0785	.73442	.32775

Sample Name: PB117409BS Acquired: 2/26/2019 17:18:29 Type: Unk
 Method: P4-ICP2(v2892) 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	.21264	5.151	.19811	F 3.4419	F<.00000
Stddev	.00054	.016	.00084	.2066	1.3373
%RSD	.25328	.3070	.42428	6.0016	11.789

#1	.21228	5.134	.19715	3.6720	-10.812
#2	.21326	5.166	.19868	3.3813	-12.865
#3	.21237	5.153	.19851	3.2725	-10.354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.9	42971.	4329.8	18.486	3631.4
Stddev	11.8	163.	51.5	1.146	12.4
%RSD	.35814	.38005	1.1895	6.2002	.34140

#1	3279.3	42858.	4388.8	17.875	3645.1
#2	3290.7	43158.	4293.6	17.775	3620.9
#3	3302.9	42896.	4307.1	19.808	3628.2

Sample Name: PB117409TB Acquired: 2/26/2019 17:22:35 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00354	.00231	.00324	-.00085	-.00223	-.00772	.00000
Stddev	.00157	.00105	.00098	.00185	.00042	.00287	.00293	.00007
%RSD	168.04	29.612	42.599	57.093	49.064	128.25	37.901	1828.7

#1	.00107	-.00267	.00342	.00377	-.00132	.00043	-.01088	-.00001
#2	-.00070	-.00324	.00153	.00118	-.00066	-.00186	-.00510	-.00006
#3	.00244	-.00470	.00199	.00476	-.00056	-.00527	-.00718	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02490	.00050	-.00013	-.00066	.00395	.00021	-.04742
Stddev	.00007	.00160	.00053	.00021	.00010	.00132	.00005	.03576
%RSD	139.77	6.4306	106.05	158.22	15.318	33.424	25.661	75.416

#1	.00003	.02540	.00046	.00003	-.00070	.00480	.00021	-.08836
#2	-.00009	.02618	.00106	-.00006	-.00054	.00462	.00026	-.03160
#3	-.00008	.02310	-.00001	-.00037	-.00072	.00243	.00015	-.02229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	.00358	F 327.47	.00030	.00237	.25148	.00020	.00271
Stddev	.00023	.00021	2.47	.00034	.00014	.04281	.00026	.00950
%RSD	8.0801	5.9534	.75431	111.96	5.8647	17.022	135.32	350.16

#1	.00283	.00369	324.62	.00059	.00228	.20388	.00050	-.00368
#2	.00301	.00373	329.01	.00038	.00253	.28682	.00009	.01362
#3	.00256	.00334	328.77	-.00007	.00229	.26375	-.00000	-.00181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06059	.00932	.00247	-.00090	.00331	-.0066	-.00008	5.5734
Stddev	.02219	.00101	.00082	.00158	.00245	.0005	.00010	.0227
%RSD	36.628	10.827	33.327	174.88	73.909	8.080	119.38	.40775

#1	.03521	.00815	.00179	-.00199	.00075	-.0065	-.00003	5.5980
#2	.07024	.00997	.00339	-.00164	.00355	-.0071	-.00020	5.5532
#3	.07633	.00982	.00224	.00091	.00563	-.0061	-.00002	5.5692

Sample Name: PB117409TB Acquired: 2/26/2019 17:22:35 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1539
Stddev	1.3823
%RSD	22.462

#1	4.7341
#2	7.4953
#3	6.2325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.0	39460.	4279.9	18.222	3228.0
Stddev	3.2	107.	13.8	.498	8.0
%RSD	.10388	.27085	.32204	2.7353	.24804

#1	3099.0	39343.	4276.2	18.667	3231.7
#2	3105.4	39484.	4268.5	17.683	3218.8
#3	3101.6	39552.	4295.2	18.317	3233.6

Sample Name: PB117404BL Acquired: 2/26/2019 17:27:11 Type: Unk
Method: P4-ICP2(v2892) 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	-.00165	.00046	.00145	.00421	-.00091	-.01517	-.00514
Stddev	.00202	.00050	.00048	.00101	.00115	.00908	.00578
%RSD	121.85	109.19	33.153	23.969	125.91	59.825	112.47

#1	-.00346	.00053	.00158	.00359	-.00060	-.00625	-.01167
#2	.00052	.00092	.00184	.00538	-.00219	-.02440	-.00071
#3	-.00202	-.00007	.00091	.00367	.00005	-.01486	-.00302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00017	-.01302	-.00004	-.00003	-.00030	.00216
Stddev	.00001	.00009	.00869	.00034	.00013	.00023	.00135
%RSD	11.325	55.688	66.761	760.12	391.14	77.260	62.287

#1	.00007	.00027	-.00300	-.00008	.00011	-.00022	.00248
#2	.00006	.00015	-.01759	.00031	-.00015	-.00012	.00333
#3	.00007	.00008	-.01848	-.00036	-.00006	-.00057	.00069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03180	.00024	.00085	.22553	-.00007	-.00060
Stddev	.00003	.02374	.00014	.00018	.00620	.00041	.00001
%RSD	418.94	74.666	55.868	20.734	2.7505	590.81	1.4826

#1	-.00005	-.00967	.00030	.00105	.23218	-.00054	-.00061
#2	.00001	-.02885	.00034	.00070	.22450	.00016	-.00061
#3	.00001	-.05687	.00009	.00081	.21990	.00017	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13128	-.00050	-.00304	F .05711	.00231	.00007	-.00099
Stddev	.03615	.00038	.01715	.01297	.00270	.00073	.00154
%RSD	27.537	76.438	563.23	22.710	116.93	1014.3	154.71

#1	.15461	-.00032	.01656	.04861	.00502	-.00012	-.00222
#2	.14960	-.00023	-.01043	.07203	-.00038	.00088	.00073
#3	.08964	-.00093	-.01527	.05067	.00230	-.00054	-.00149

Sample Name: PB117404BL Acquired: 2/26/2019 17:27:11 Type: Unk
Method: P4-ICP2(v2892) 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	.00277	-.0030	-.00012	F 2.3322	F<.00000
Stddev	.00255	.0010	.00004	.3967	.96446
%RSD	92.220	33.07	28.563	17.011	176.21

#1	.00039	-.0028	-.00009	2.2583	-.02328
#2	.00244	-.0041	-.00013	1.9777	.04164
#3	.00546	-.0021	-.00015	2.7608	-1.6604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.2	43775.	4348.1	20.669	3768.7
Stddev	5.1	83.	13.8	.942	4.1
%RSD	.15256	.18880	.31806	4.5588	.10774

#1	3367.5	43815.	4336.6	20.992	3772.2
#2	3359.3	43831.	4363.5	21.408	3769.6
#3	3368.8	43680.	4344.4	19.608	3764.3

Sample Name: PB117404BS Acquired: 2/26/2019 17:31:39 Type: Unk
Method: P4-ICP2(v2892) 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	.84105	2.0845	1.0343	2.0402	.89033	1.9611	.20651	.19983
Stddev	.00405	.0029	.0026	.0094	.00406	.0501	.00350	.00057
%RSD	.48116	.14074	.24835	.46136	.45592	2.5528	1.6950	.28415
#1	.83744	2.0816	1.0323	2.0299	.89032	1.9138	.20262	.19937
#2	.84029	2.0844	1.0335	2.0424	.88628	1.9559	.20751	.20047
#3	.84542	2.0875	1.0372	2.0483	.89440	2.0135	.20941	.19966
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19325	1.0547	.40783	.20926	.32510	3.3349	.21416	2.1277
Stddev	.00064	.0276	.00130	.00113	.00110	.0297	.00066	.0191
%RSD	.32889	2.6146	.31823	.53978	.33793	.89193	.30930	.89773
#1	.19252	1.0335	.40777	.20802	.32565	3.3471	.21471	2.1079
#2	.19357	1.0859	.40916	.20955	.32384	3.3566	.21343	2.1292
#3	.19366	1.0447	.40657	.21022	.32582	3.3010	.21434	2.1460
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48882	.07300	3.3172	.29775	.20498	10.507	.46176	.29216
Stddev	.00021	.00175	.0162	.00071	.00013	.052	.00099	.00733
%RSD	.04298	2.4006	.48958	.23919	.06104	.49690	.21382	2.5091
#1	.48864	.07398	3.3042	.29827	.20508	10.499	.46258	.28373
#2	.48878	.07098	3.3354	.29694	.20484	10.460	.46066	.29582
#3	.48905	.07404	3.3119	.29804	.20501	10.563	.46204	.29695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03785	.95603	.62728	.20698	.22230	F 5.347	F .20902	3.4063
Stddev	.00161	.01829	.00112	.00291	.00124	.010	.00102	.3735
%RSD	4.2560	1.9136	.17837	1.4055	.55740	.1821	.48568	10.966
#1	.03873	.97459	.62815	.20365	.22370	5.338	.20794	3.0140
#2	.03883	.95548	.62602	.20826	.22132	5.357	.20918	3.7577
#3	.03599	.93801	.62766	.20903	.22190	5.348	.20995	3.4471

Sample Name: PB117404BS Acquired: 2/26/2019 17:31:39 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.60682
%RSD	5.3134

#1	-11.835
#2	-11.702
#3	-10.724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.1	42723.	4325.1	19.519	3624.5
Stddev	6.6	86.	40.7	1.041	9.0
%RSD	.20118	.20017	.94092	5.3330	.24748

#1	3274.2	42632.	4292.9	20.700	3621.8
#2	3281.7	42801.	4311.5	19.125	3617.2
#3	3287.3	42738.	4370.8	18.733	3634.5

Sample Name: PB117404TB Acquired: 2/26/2019 17:35:44 Type: Unk
Method: P4-ICP2(v2892) 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	-.00278	-.00146	.00288	.00315	.00061	.00737	-.00515	-.00002
Stddev	.00395	.00232	.00150	.00159	.00080	.00939	.00049	.00008
%RSD	142.04	158.47	52.252	50.370	131.03	127.46	9.4304	438.32
#1	-.00362	-.00088	.00369	.00258	-.00010	-.00346	-.00565	-.00005
#2	-.00623	.00051	.00114	.00192	.00147	.01233	-.00467	.00007
#3	.00152	-.00402	.00380	.00494	.00046	.01324	-.00514	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00588	.00102	-.00002	-.00075	.00350	.00013	-.03549
Stddev	.00008	.00649	.00028	.00006	.00022	.00204	.00002	.02252
%RSD	165.64	110.22	27.388	327.81	29.792	58.488	14.769	63.465
#1	-.00012	.00188	.00105	.00005	-.00076	.00502	.00011	-.04049
#2	.00004	.01337	.00073	-.00006	-.00096	.00429	.00013	-.01088
#3	-.00007	.00240	.00129	-.00005	-.00052	.00117	.00015	-.05509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00225	.00335	F 273.73	.00011	.00397	.21656	-.00009	.00240
Stddev	.00042	.00085	2.92	.00021	.00009	.05437	.00018	.00399
%RSD	18.707	25.297	1.0655	196.38	2.3642	25.107	207.83	165.83
#1	.00245	.00260	276.78	.00033	.00396	.20959	.00012	.00179
#2	.00177	.00317	273.44	-.00008	.00388	.27409	-.00015	.00666
#3	.00255	.00427	270.96	.00007	.00407	.16601	-.00023	-.00124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03457	.00656	.00275	-.00239	.00493	-.0043	-.00011	5.4364
Stddev	.00826	.00285	.00106	.00274	.00433	.0019	.00003	.1022
%RSD	23.898	43.502	38.597	114.54	87.923	44.65	23.109	1.8800
#1	.03410	.00444	.00328	-.00554	.00212	-.0064	-.00009	5.3844
#2	.04306	.00981	.00153	-.00055	.00275	-.0027	-.00014	5.5541
#3	.02656	.00544	.00343	-.00109	.00992	-.0036	-.00010	5.3705

Sample Name: PB117404TB Acquired: 2/26/2019 17:35:44 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1296
Stddev	.5970
%RSD	11.639

#1	4.5497
#2	5.7424
#3	5.0968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.6	39723.	4264.5	17.406	3214.5
Stddev	10.4	82.	40.3	1.040	4.1
%RSD	.33879	.20639	.94431	5.9765	.12784

#1	3078.3	39659.	4228.0	16.583	3210.0
#2	3076.8	39694.	4257.7	18.575	3217.9
#3	3095.6	39815.	4307.7	17.058	3215.7

Sample Name: CCV06 Acquired: 2/26/2019 17:40:21 Type: Unk
Method: P4-ICP2(v2892) 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	F 5.3686	5.0835	5.2370	5.1704	F 5.4332	9.5992	9.8913	.25638
Stddev	.0176	.0353	.0251	.0139	.0222	.0276	.0519	.00070
%RSD	.32790	.69402	.48022	.26797	.40832	.28717	.52475	.27435
#1	5.3844	5.1126	5.2487	5.1864	5.4586	9.6252	9.8361	.25704
#2	5.3496	5.0443	5.2081	5.1616	5.4181	9.5703	9.8987	.25645
#3	5.3716	5.0938	5.2541	5.1633	5.4228	9.6020	9.9391	.25564
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5072	24.486	.96483	2.5726	1.2769	5.1499	2.5245	25.290
Stddev	.0138	.198	.00111	.0156	.0049	.0478	.0027	.132
%RSD	.54935	.80709	.11467	.60608	.38510	.92740	.10912	.52390
#1	2.5149	24.264	.96502	2.5850	1.2821	5.0953	2.5261	25.155
#2	2.4913	24.550	.96364	2.5551	1.2761	5.1700	2.5261	25.294
#3	2.5155	24.643	.96582	2.5778	1.2724	5.1842	2.5213	25.420
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4129	1.2739	24.672	F 2.3533	F 2.6529	24.855	F 5.5037	F 4.6317
Stddev	.0132	.0039	.161	.0051	.0128	.184	.0271	.0829
%RSD	.54846	.30276	.65210	.21606	.48335	.74002	.49206	1.7892
#1	2.4235	1.2782	24.501	2.3592	2.6629	24.643	5.5329	4.5406
#2	2.3981	1.2731	24.695	2.3499	2.6385	24.975	5.4794	4.6520
#3	2.4171	1.2706	24.820	2.3509	2.6574	24.946	5.4988	4.7026
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8803	5.0838	F 4.6088	5.1561	4.9753	4.812	5.0321	4.8531
Stddev	.0347	.0431	.0250	.0271	.0312	.050	.0276	.1909
%RSD	.71021	.84828	.54202	.52488	.62762	1.041	.54759	3.9337
#1	4.9126	5.0370	4.6256	5.1249	4.9425	4.838	5.0048	4.8814
#2	4.8437	5.1220	4.5801	5.1718	4.9790	4.754	5.0318	4.6496
#3	4.8846	5.0924	4.6206	5.1717	5.0046	4.843	5.0599	5.0283

Sample Name: CCV06 Acquired: 2/26/2019 17:40:21 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9114
Stddev 1.3242
%RSD 45.483

#1 4.0378
#2 3.2436
#3 1.4527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3174.4	40843.	4248.2	17.214	3267.8
Stddev	8.9	78.	36.0	1.265	18.0
%RSD	.28053	.18997	.84757	7.3464	.55138

#1	3164.8	40753.	4289.7	16.022	3255.5
#2	3182.4	40884.	4229.6	18.541	3288.5
#3	3175.9	40891.	4225.4	17.078	3259.5

Sample Name: CCB06 Acquired: 2/26/2019 17:44:20 Type: Unk
Method: P4-ICP2(v2892) 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	.00279	-.00184	.00140	.00091	-.00058	-.00839	-.00089	.00013
Stddev	.00176	.00235	.00049	.00166	.00141	.00894	.00464	.00002
%RSD	63.144	127.87	34.615	181.75	244.77	106.57	523.54	11.510

#1	.00477	.00038	.00103	-.00065	-.00220	-.01738	.00419	.00012
#2	.00138	-.00430	.00123	.00266	.00037	-.00828	-.00196	.00013
#3	.00223	-.00160	.00195	.00073	.00010	.00050	-.00489	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00386	.00023	.00012	-.00065	.00052	.00001	-.02813
Stddev	.00001	.00890	.00026	.00020	.00041	.00122	.00004	.03734
%RSD	5.2002	230.40	112.88	170.59	63.386	234.84	255.16	132.74

#1	.00025	-.00444	.00048	.00019	-.00019	.00034	.00002	-.06569
#2	.00024	.00531	-.00004	-.00011	-.00100	.00182	-.00002	.00898
#3	.00022	-.01245	.00025	.00027	-.00076	-.00060	.00005	-.02768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00095	.10942	.00006	-.00060	.14591	-.00005	.00456
Stddev	.00062	.00023	.01370	.00019	.00010	.03968	.00017	.01287
%RSD	235.26	23.745	12.518	324.72	16.845	27.194	336.56	282.12

#1	.00016	.00121	.12348	-.00014	-.00051	.13218	-.00005	.00469
#2	-.00029	.00085	.10864	.00008	-.00059	.11491	-.00023	.01736
#3	.00092	.00079	.09612	.00024	-.00071	.19062	.00012	-.00837

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04390	.00255	.00037	-.00079	.00379	-.0038	-.00013	F 2.6939
Stddev	.02118	.00210	.00094	.00111	.00313	.0001	.00004	.0625
%RSD	48.237	82.399	253.62	140.71	82.539	3.424	30.461	2.3219

#1	.05710	.00030	-.00063	.00049	.00169	-.0038	-.00017	2.7654
#2	.01948	.00445	.00123	-.00148	.00230	-.0037	-.00011	2.6492
#3	.05514	.00290	.00051	-.00137	.00739	-.0040	-.00010	2.6670

Sample Name: CCB06 Acquired: 2/26/2019 17:44:20 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .59095
Stddev .86314
%RSD 146.06

#1 -.39134
#2 1.2282
#3 .93602

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.6	43218.	4338.7	17.725	3739.8
Stddev	7.7	67.	39.7	1.747	6.0
%RSD	.23192	.15537	.91432	9.8564	.16119

#1	3323.1	43179.	4293.0	16.017	3734.1
#2	3330.2	43180.	4359.0	17.650	3739.4
#3	3338.5	43296.	4364.1	19.508	3746.1

Sample Name: PB117402BL Acquired: 2/26/2019 17:48:47 Type: Unk
Method: P4-ICP2(v2892) 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	.00350	-.00022	.00041	-.00082	-.00131	-.00756	-.00296
Stddev	.00252	.00095	.00061	.00197	.00178	.01246	.00224
%RSD	71.973	423.49	147.18	239.77	135.25	164.76	75.661

#1	.00639	-.00131	.00111	-.00111	-.00321	.00371	-.00108
#2	.00175	.00021	.00015	.00128	.00032	-.00545	-.00543
#3	.00236	.00043	-.00002	-.00263	-.00105	-.02094	-.00235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00008	-.00104	-.00044	.00001	-.00088	.00180
Stddev	.00003	.00004	.00936	.00037	.00011	.00068	.00100
%RSD	45.774	51.253	896.89	83.738	1048.9	77.403	55.368

#1	.00003	.00013	.00551	-.00015	.00002	-.00042	.00277
#2	.00008	.00006	.00312	-.00032	.00012	-.00056	.00078
#3	.00008	.00005	-.01176	-.00085	-.00011	-.00167	.00186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00730	.00022	.00094	.05816	.00015	-.00059
Stddev	.00004	.06485	.00043	.00054	.00477	.00050	.00015
%RSD	257.44	888.06	197.74	57.873	8.2022	324.20	25.218

#1	-.00001	.02488	-.00026	.00064	.06346	-.00008	-.00072
#2	.00002	.03517	.00032	.00061	.05422	.00073	-.00043
#3	-.00006	-.08195	.00059	.00157	.05679	-.00019	-.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11565	-.00005	-.00394	F .04698	.00263	-.00012	-.00087
Stddev	.03935	.00019	.00834	.02220	.00178	.00064	.00190
%RSD	34.026	392.55	211.74	47.245	67.591	553.65	217.90

#1	.15606	-.00007	-.00588	.02343	.00108	.00030	-.00292
#2	.07745	-.00023	-.01113	.05000	.00225	-.00086	.00084
#3	.11345	.00015	.00520	.06751	.00457	.00021	-.00053

Sample Name: PB117402BL Acquired: 2/26/2019 17:48:47 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00258	-.0028	-.00013	F 2.7265	F<.00000
Stddev	.00210	.0017	.00002	.0740	.82547
%RSD	81.485	60.45	12.662	2.7132	158.81

#1	.00033	-.0009	-.00015	2.8106	.26017
#2	.00449	-.0041	-.00012	2.6973	-.43524
#3	.00292	-.0036	-.00014	2.6716	-1.3843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.5	43081.	4327.0	18.622	3739.0
Stddev	4.3	92.	32.9	.212	2.9
%RSD	.12890	.21281	.75980	1.1403	.07675

#1	3331.1	43089.	4354.1	18.867	3736.4
#2	3322.8	43168.	4290.4	18.517	3738.5
#3	3328.7	42985.	4336.4	18.483	3742.0

Sample Name: PB117402BS Acquired: 2/26/2019 17:53:16 Type: Unk
Method: P4-ICP2(v2892) 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	.82059	2.0308	1.0126	1.9853	.86931	1.9161	.20033	.19554
Stddev	.00190	.0039	.0003	.0048	.00523	.0243	.00107	.00021
%RSD	.23122	.19114	.03272	.24347	.60146	1.2673	.53606	.10811
#1	.82099	2.0316	1.0124	1.9855	.87520	1.8887	.20147	.19562
#2	.81853	2.0342	1.0123	1.9804	.86524	1.9349	.19933	.19531
#3	.82226	2.0266	1.0129	1.9901	.86749	1.9248	.20020	.19571
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18887	1.0428	.39789	.20428	.31837	3.2653	.20851	2.1097
Stddev	.00013	.0200	.00123	.00019	.00168	.0110	.00050	.0377
%RSD	.06634	1.9191	.30824	.09318	.52632	.33742	.24144	1.7896
#1	.18894	1.0394	.39902	.20421	.32021	3.2773	.20895	2.1532
#2	.18873	1.0247	.39659	.20414	.31694	3.2557	.20796	2.0902
#3	.18896	1.0642	.39805	.20450	.31796	3.2628	.20863	2.0856
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47673	.07150	3.1816	.29005	.20068	10.207	F .50825	.31937
Stddev	.00083	.00040	.0097	.00245	.00058	.038	.00247	.00512
%RSD	.17485	.55980	.30427	.84497	.29013	.37158	.48641	1.6023
#1	.47768	.07136	3.1771	.29083	.20117	10.191	.50670	.31455
#2	.47637	.07195	3.1749	.29202	.20004	10.180	.50693	.32474
#3	.47613	.07119	3.1927	.28731	.20082	10.251	.51110	.31883
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04476	.98450	.65401	F .24610	.21665	F 5.176	F .20253	3.1580
Stddev	.02265	.00826	.00285	.00088	.00169	.008	.00067	.1893
%RSD	50.592	.83921	.43512	.35560	.78054	.1622	.33007	5.9935
#1	.06613	.99387	.65198	.24611	.21801	5.176	.20288	2.9428
#2	.04713	.98136	.65279	.24522	.21476	5.168	.20176	3.2988
#3	.02102	.97827	.65726	.24697	.21718	5.185	.20294	3.2324

Sample Name: PB117402BS Acquired: 2/26/2019 17:53:16 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.58740
%RSD	5.0407

#1	-12.180
#2	-11.020
#3	-11.760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.6	42910.	4339.5	18.792	3624.7
Stddev	11.9	219.	37.7	.340	7.1
%RSD	.36345	.51043	.86791	1.8084	.19724

#1	3267.9	42733.	4299.4	18.575	3617.1
#2	3289.9	43155.	4374.1	19.183	3625.4
#3	3286.9	42843.	4344.9	18.617	3631.4

Sample Name: K1605-01 Acquired: 2/26/2019 17:57:23 Type: Unk
 Method: P4-ICP2(v2892) 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	.37819	-.01458	1.9267	.00915	.03650	23.220	.65378
Stddev	.00331	.00163	.0005	.00317	.00274	.042	.01181
%RSD	.87545	11.167	.02560	34.637	7.5089	.18259	1.8058

#1	.38036	-.01287	1.9269	.00800	.03955	23.264	.66669
#2	.37438	-.01611	1.9261	.01273	.03424	23.179	.64353
#3	.37983	-.01477	1.9269	.00671	.03570	23.216	.65112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00470	.00033	153.22	.06012	.02327	.56904	73.614
Stddev	.00007	.00010	1.44	.00027	.00021	.00055	.606
%RSD	1.5131	29.000	.93759	.44186	.91405	.09685	.82347

#1	.00476	.00038	153.65	.06001	.02345	.56956	73.848
#2	.00473	.00040	151.62	.06042	.02334	.56911	72.925
#3	.00462	.00022	154.40	.05993	.02304	.56846	74.067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1747	24.298	.05363	-.00164	161.15	.09265	.92430
Stddev	.0060	.132	.00099	.00046	1.65	.00032	.00112
%RSD	.50803	.54471	1.8391	27.714	1.0213	.35044	.12141

#1	1.1735	24.435	.05462	-.00128	161.84	.09228	.92323
#2	1.1812	24.171	.05363	-.00215	159.27	.09289	.92546
#3	1.1695	24.290	.05264	-.00150	162.34	.09278	.92422

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.680	.01369	.19220	5.6927	F 47.680	.10514	.93381
Stddev	.287	.00024	.00993	.0508	.292	.00259	.00690
%RSD	1.2138	1.7689	5.1648	.89333	.61174	2.4611	.73906

#1	23.865	.01397	.19373	5.7214	47.925	.10477	.93705
#2	23.348	.01354	.18160	5.7227	47.357	.10276	.93848
#3	23.826	.01356	.20127	5.6340	47.757	.10789	.92588

Sample Name: K1605-01 Acquired: 2/26/2019 17:57:23 Type: Unk
Method: P4-ICP2(v2892) 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	.11350	2.189	.79727	4.3557	F<.00000
Stddev	.00207	.009	.00852	.3118	1.9660
%RSD	1.8246	.4096	1.0692	7.1579	1.6224

#1	.11253	2.194	.80291	4.2862	-120.28
#2	.11588	2.193	.78747	4.0845	-123.44
#3	.11210	2.178	.80144	4.6964	-119.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.4	40027.	4361.7	16.878	3071.1
Stddev	1.3	164.	43.7	.586	5.3
%RSD	.04314	.40927	1.0026	3.4695	.17232

#1	3120.0	39868.	4320.8	16.961	3073.1
#2	3117.7	40020.	4407.8	17.417	3065.1
#3	3117.6	40195.	4356.6	16.255	3075.2

Sample Name: K1348-07 Acquired: 2/26/2019 18:01:40 Type: Unk
Method: P4-ICP2(v2892) 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	.02217	-.04258	.15744	.00471	-.02983	145.04	.38446
Stddev	.00117	.00335	.00164	.00148	.00189	.76	.00321
%RSD	5.2880	7.8722	1.0389	31.391	6.3281	.52417	.83505

#1	.02149	-.03886	.15577	.00634	-.03192	144.85	.38614
#2	.02353	-.04352	.15904	.00435	-.02824	144.40	.38076
#3	.02150	-.04536	.15750	.00345	-.02934	145.88	.38649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01518	-.00292	84.182	.23581	.11486	.26585	213.25
Stddev	.00017	.00004	.394	.00331	.00045	.00044	.88
%RSD	1.1496	1.3903	.46778	1.4036	.39331	.16382	.41431

#1	.01538	-.00292	84.629	.23963	.11516	.26548	213.71
#2	.01509	-.00288	84.031	.23387	.11509	.26574	213.80
#3	.01506	-.00296	83.887	.23393	.11434	.26633	212.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1816	66.453	.22138	-.01065	8.6741	.31114	.65831
Stddev	.0140	.525	.00086	.00024	.0428	.00165	.00188
%RSD	.33430	.79049	.38951	2.2697	.49375	.53065	.28627

#1	4.1796	66.989	.22055	-.01072	8.7234	.31280	.65925
#2	4.1965	66.432	.22227	-.01039	8.6462	.30950	.65953
#3	4.1688	65.939	.22132	-.01086	8.6526	.31112	.65613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7857	.00398	.10023	4.1157	2.0659	.01751	2.4493
Stddev	.1219	.00051	.01117	.0255	.0338	.00083	.0081
%RSD	1.2454	12.712	11.148	.62016	1.6387	4.7645	.33228

#1	9.8879	.00395	.09041	4.1345	2.0969	.01709	2.4568
#2	9.6508	.00449	.09788	4.1260	2.0710	.01696	2.4407
#3	9.8184	.00348	.11239	4.0867	2.0298	.01847	2.4503

Sample Name: K1348-07 Acquired: 2/26/2019 18:01:40 Type: Unk
Method: P4-ICP2(v2892) 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	.19233	6.974	.00669	<.00000	F<.00000
Stddev	.00288	.008	.00221	.21768	1.1266
%RSD	1.4983	.1202	33.087	22.549	.22876
#1	.19390	6.967	.00851	-1.1267	-493.32
#2	.18901	6.983	.00422	-1.0517	-492.89
#3	.19409	6.973	.00734	-.71778	-491.19
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.8	45512.	4934.7	18.237	3144.8
Stddev	6.3	37.	50.0	2.115	8.9
%RSD	.17774	.08073	1.0140	11.598	.28265
#1	3537.4	45470.	4879.4	16.487	3141.5
#2	3535.1	45526.	4947.7	17.637	3138.0
#3	3547.0	45539.	4976.9	20.588	3154.8

Sample Name: K1348-07DUP Acquired: 2/26/2019 18:06:06 Type: Unk
Method: P4-ICP2(v2892) 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	.02145	-.04179	.15526	.00591	-.02980	141.50	.37791
Stddev	.00158	.00129	.00210	.00488	.00238	.39	.00167
%RSD	7.3449	3.0969	1.3548	82.576	8.0023	.27559	.44308

#1	.02138	-.04245	.15590	.00040	-.02718	141.79	.37984
#2	.02306	-.04261	.15291	.00969	-.03037	141.06	.37682
#3	.01991	-.04030	.15697	.00763	-.03184	141.65	.37708

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01469	-.00274	87.953	.25112	.11385	.26803	208.79
Stddev	.00014	.00007	.604	.00185	.00129	.00261	.92
%RSD	.92238	2.6030	.68728	.73580	1.1319	.97281	.43900

#1	.01457	-.00278	87.300	.24933	.11288	.26611	207.74
#2	.01483	-.00266	88.067	.25302	.11336	.26697	209.26
#3	.01466	-.00278	88.493	.25099	.11531	.27099	209.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1207	66.802	.23101	-.01012	8.4953	.30458	.64337
Stddev	.0101	.315	.00228	.00044	.0561	.00129	.00346
%RSD	.24512	.47200	.98705	4.3148	.66007	.42464	.53751

#1	4.1101	66.627	.22965	-.00963	8.4352	.30310	.63938
#2	4.1302	66.613	.22975	-.01046	8.5045	.30548	.64553
#3	4.1218	67.166	.23365	-.01028	8.5462	.30515	.64519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4530	.00459	.09909	4.0118	1.9639	.01813	2.3763
Stddev	.0366	.00064	.01121	.0508	.0166	.00085	.0099
%RSD	.38684	13.922	11.309	1.2661	.84604	4.6832	.41643

#1	9.4563	.00389	.10790	3.9779	1.9448	.01743	2.3687
#2	9.4149	.00514	.08648	3.9874	1.9723	.01788	2.3727
#3	9.4878	.00474	.10290	4.0702	1.9746	.01908	2.3875

Sample Name: K1348-07DUP Acquired: 2/26/2019 18:06:06 Type: Unk
Method: P4-ICP2(v2892) 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	.18835	6.863	.01039	<.00000	F<.00000
Stddev	.00565	.029	.00092	.05919	2.4859
%RSD	3.0020	.4257	8.8588	15.353	.50907

#1	.18292	6.835	.01138	-.33617	-489.38
#2	.18793	6.861	.00956	-.45117	-485.49
#3	.19421	6.894	.01024	-.36932	-490.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.6	45730.	4946.6	17.417	3139.4
Stddev	9.2	67.	12.7	1.253	22.3
%RSD	.26058	.14722	.25615	7.1958	.70931

#1	3557.9	45668.	4960.0	18.781	3165.1
#2	3551.3	45720.	4934.8	17.156	3126.3
#3	3539.6	45802.	4945.2	16.315	3126.8

Sample Name: K1348-07LX5 Acquired: 2/26/2019 18:10:32 Type: Unk
Method: P4-ICP2(v2892) 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	.00732	-.00777	.02973	.00685	-.01021	31.057	.08358
Stddev	.00133	.00253	.00081	.00267	.00060	.122	.00345
%RSD	18.192	32.490	2.7241	39.037	5.8515	.39245	4.1260

#1	.00589	-.00910	.02886	.00648	-.01069	31.078	.08678
#2	.00753	-.00936	.02989	.00438	-.01039	30.926	.08403
#3	.00853	-.00486	.03046	.00969	-.00954	31.168	.07993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00272	19.713	.05394	.02298	.06098	57.412
Stddev	.00012	.00012	.229	.00089	.00027	.00046	.556
%RSD	3.8724	4.2359	1.1638	1.6469	1.1763	.75739	.96770

#1	.00326	-.00282	19.865	.05400	.02276	.06073	57.884
#2	.00309	-.00259	19.449	.05480	.02328	.06069	56.800
#3	.00303	-.00274	19.825	.05303	.02291	.06151	57.552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96060	15.433	.04455	-.00056	1.9430	.07020	.12301
Stddev	.00269	.060	.00031	.00051	.0139	.00051	.00033
%RSD	.27983	.39113	.70140	92.235	.71583	.72046	.27051

#1	.96081	15.418	.04431	-.00081	1.9460	.06996	.12263
#2	.95781	15.381	.04444	-.00089	1.9551	.06986	.12323
#3	.96318	15.499	.04490	.00003	1.9278	.07078	.12318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2341	.00113	.02647	.82059	.48513	.00361	.55008
Stddev	.0210	.00020	.00098	.01563	.01970	.00057	.00392
%RSD	.93896	17.653	3.7127	1.9048	4.0609	15.727	.71292

#1	2.2516	.00100	.02744	.80271	.49629	.00342	.55323
#2	2.2399	.00103	.02548	.83165	.46238	.00426	.54569
#3	2.2108	.00136	.02649	.82742	.49671	.00317	.55132

Sample Name: K1348-07LX5 Acquired: 2/26/2019 18:10:32 Type: Unk
Method: P4-ICP2(v2892) 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	.04549	1.356	-.00777	3.3898	F<.00000
Stddev	.00108	.007	.00015	.2428	.60266
%RSD	2.3789	.5275	1.9651	7.1636	.62927

#1	.04622	1.348	-.00786	3.1165	-96.468
#2	.04601	1.359	-.00760	3.4720	-95.436
#3	.04425	1.362	-.00787	3.5808	-95.413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.4	43190.	4429.0	18.624	3457.3
Stddev	5.0	65.	39.9	1.194	1.5
%RSD	.15027	.15126	.90035	6.4130	.04314

#1	3354.2	43166.	4388.4	17.263	3458.6
#2	3364.0	43264.	4468.2	19.113	3455.7
#3	3357.0	43140.	4430.4	19.497	3457.7

Sample Name: K1348-07MS Acquired: 2/26/2019 18:18:49 Type: Unk
Method: P4-ICP2(v2892) 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	.77534	2.0655	1.2193	1.8164	.11281	140.46	.56729
Stddev	.00071	.0046	.0009	.0081	.00355	.51	.00688
%RSD	.09123	.22534	.07700	.44486	3.1492	.36013	1.2126

#1	.77459	2.0708	1.2199	1.8092	.10975	140.61	.57135
#2	.77600	2.0633	1.2182	1.8148	.11671	139.89	.57119
#3	.77543	2.0623	1.2197	1.8251	.11198	140.87	.55935

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20586	.20355	70.478	.53467	.32879	.68964	204.40
Stddev	.00048	.00064	.669	.00233	.00089	.00116	2.87
%RSD	.23256	.31308	.94947	.43487	.27043	.16849	1.4035

#1	.20601	.20428	71.053	.53583	.32982	.69002	207.23
#2	.20533	.20324	70.639	.53199	.32829	.68834	204.47
#3	.20625	.20312	69.743	.53619	.32827	.69057	201.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9855	61.024	.70035	.05848	10.958	.53800	.80720
Stddev	.0111	.677	.00279	.00082	.141	.00275	.00440
%RSD	.27744	1.1093	.39863	1.3986	1.2843	.51159	.54527

#1	3.9790	61.549	.70352	.05805	11.092	.53638	.81220
#2	3.9792	61.264	.69928	.05942	10.969	.53644	.80547
#3	3.9983	60.260	.69826	.05797	10.811	.54118	.80393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.884	.36799	.30319	4.0885	2.2376	.66666	2.5528
Stddev	.318	.00023	.00793	.0221	.0133	.00142	.0079
%RSD	1.6838	.06180	2.6163	.54106	.59293	.21301	.31109

#1	19.241	.36810	.29403	4.1089	2.2498	.66718	2.5536
#2	18.779	.36813	.30751	4.0650	2.2394	.66775	2.5444
#3	18.632	.36773	.30801	4.0916	2.2235	.66505	2.5602

Sample Name: K1348-07MS Acquired: 2/26/2019 18:18:49 Type: Unk
Method: P4-ICP2(v2892) 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	.37740	F 12.45	.15981	<.00000	F<.00000
Stddev	.00627	.03	.00156	.16509	1.7596
%RSD	1.6623	.2781	.97639	97.313	.38552

#1	.38080	12.49	.16141	-.04630	-454.48
#2	.37016	12.43	.15973	-.35719	-457.89
#3	.38124	12.43	.15829	-.10544	-456.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.2	45387.	4844.1	17.454	3128.2
Stddev	5.8	95.	54.7	2.100	17.7
%RSD	.16387	.20877	1.1291	12.034	.56483

#1	3556.7	45408.	4789.1	15.778	3107.8
#2	3568.4	45470.	4844.8	16.773	3137.5
#3	3561.6	45283.	4898.5	19.810	3139.2

Sample Name: K1348-07MSD Acquired: 2/26/2019 18:23:08 Type: Unk
Method: P4-ICP2(v2892) 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	.77188	2.0561	1.2116	1.8125	.10886	140.26	.56037
Stddev	.00331	.0043	.0055	.0082	.00128	.86	.00372
%RSD	.42919	.20683	.45117	.45200	1.1790	.61092	.66305

#1	.77387	2.0609	1.2090	1.8201	.10793	139.49	.56462
#2	.77371	2.0545	1.2079	1.8038	.10834	140.10	.55774
#3	.76805	2.0529	1.2179	1.8135	.11033	141.18	.55875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20483	.20314	66.118	.54553	.32801	.66920	202.07
Stddev	.00076	.00042	.388	.00288	.00032	.00132	2.07
%RSD	.37145	.20865	.58670	.52771	.09897	.19751	1.0260

#1	.20560	.20306	66.566	.54597	.32789	.66898	204.45
#2	.20408	.20277	65.890	.54246	.32776	.67062	200.65
#3	.20480	.20360	65.898	.54817	.32837	.66800	201.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9702	60.140	.70129	.05796	10.789	.53785	.80143
Stddev	.0213	.468	.00107	.00053	.054	.00263	.00131
%RSD	.53751	.77832	.15296	.91364	.50362	.48879	.16389

#1	3.9937	60.637	.70163	.05751	10.851	.54076	.80109
#2	3.9520	60.076	.70008	.05783	10.766	.53565	.80031
#3	3.9649	59.708	.70215	.05855	10.749	.53713	.80287

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.151	.36561	.30179	4.0604	2.2535	.67219	2.5666
Stddev	.124	.00125	.00564	.0357	.0602	.00078	.0097
%RSD	.64550	.34125	1.8691	.88033	2.6719	.11569	.37729

#1	19.290	.36602	.29683	4.0448	2.3174	.67143	2.5734
#2	19.109	.36659	.30793	4.0352	2.1979	.67299	2.5710
#3	19.054	.36420	.30062	4.1013	2.2452	.67216	2.5555

Sample Name: K1348-07MSD Acquired: 2/26/2019 18:23:08 Type: Unk
Method: P4-ICP2(v2892) 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	.37529	F 12.44	.14376	<.00000	F<.00000
Stddev	.00072	.02	.00026	.23367	4.8856
%RSD	.19275	.1276	.18234	66.744	1.0770
#1	.37511	12.45	.14405	-.60802	-453.69
#2	.37608	12.45	.14356	-.28976	-458.46
#3	.37466	12.42	.14366	-.15252	-448.69
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.9	45521.	4903.3	18.427	3146.3
Stddev	2.7	137.	55.4	.471	5.0
%RSD	.07667	.30052	1.1302	2.5561	.15866
#1	3583.8	45528.	4839.3	18.496	3148.6
#2	3578.8	45655.	4933.6	18.859	3149.8
#3	3583.2	45382.	4936.9	17.925	3140.6

Sample Name: K1348-07A Acquired: 2/26/2019 18:27:27 Type: Unk
Method: P4-ICP2(v2892) 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	.76548	2.0415	1.1996	1.7889	.10920	137.76	.56035
Stddev	.00104	.0053	.0031	.0057	.00279	1.03	.00936
%RSD	.13631	.25809	.25890	.32051	2.5572	.74697	1.6703

#1	.76575	2.0392	1.1985	1.7947	.10606	137.37	.57096
#2	.76432	2.0377	1.1972	1.7887	.11014	136.98	.55682
#3	.76635	2.0475	1.2031	1.7832	.11140	138.92	.55327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20331	.20080	66.754	.53679	.32458	.66815	201.25
Stddev	.00037	.00055	.776	.00073	.00101	.00102	2.93
%RSD	.18408	.27615	1.1631	.13623	.30979	.15294	1.4537

#1	.20371	.20051	67.612	.53603	.32369	.66876	204.09
#2	.20297	.20045	66.551	.53685	.32437	.66697	201.42
#3	.20324	.20144	66.099	.53749	.32567	.66872	198.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9063	60.024	.69383	.05751	10.652	.53201	.78597
Stddev	.0116	.682	.00073	.00021	.104	.00101	.00313
%RSD	.29729	1.1368	.10500	.36695	.98031	.19018	.39875

#1	3.8972	60.694	.69436	.05732	10.767	.53118	.78247
#2	3.9023	60.048	.69300	.05774	10.623	.53314	.78693
#3	3.9194	59.330	.69413	.05747	10.564	.53172	.78852

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.732	.36236	.29392	4.0347	2.2907	.66357	2.5368
Stddev	.182	.00096	.00570	.0317	.0333	.00284	.0197
%RSD	.96963	.26570	1.9385	.78471	1.4557	.42734	.77675

#1	18.917	.36343	.30040	4.0606	2.3276	.66033	2.5530
#2	18.725	.36210	.29164	3.9994	2.2814	.66477	2.5426
#3	18.554	.36157	.28970	4.0441	2.2629	.66561	2.5149

Sample Name: K1348-07A Acquired: 2/26/2019 18:27:27 Type: Unk
Method: P4-ICP2(v2892) 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	.36945	F 12.28	.14564	<.00000	F<.00000
Stddev	.00103	.04	.00080	.20021	1.2920
%RSD	.27761	.3666	.54931	156.34	.28201
#1	.36890	12.25	.14650	-.00784	-456.71
#2	.37064	12.27	.14551	-.01716	-459.25
#3	.36882	12.33	.14492	-.35918	-458.38
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.8	46026.	4928.4	18.030	3177.0
Stddev	3.4	75.	77.1	1.089	13.0
%RSD	.09423	.16319	1.5647	6.0419	.40992
#1	3616.2	46034.	4857.5	16.785	3191.7
#2	3617.5	46096.	4917.2	18.499	3172.3
#3	3622.6	45947.	5010.5	18.806	3167.0

Sample Name: K1610-01 Acquired: 2/26/2019 18:31:47 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04631	-.01381	.40340	.00426	-.05923	81.798	.39372
Stddev	.00285	.00488	.00231	.00241	.00227	.319	.00685
%RSD	6.1528	35.347	.57208	56.466	3.8397	.38975	1.7398

#1	.04491	-.00822	.40279	.00692	-.05660	81.703	.39508
#2	.04959	-.01722	.40595	.00364	-.06066	81.537	.38629
#3	.04443	-.01599	.40146	.00223	-.06041	82.154	.39979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02726	-.00658	29.211	.29689	.05719	.22505	409.12
Stddev	.00036	.00043	.135	.00158	.00038	.00132	4.06
%RSD	1.3247	6.5363	.46283	.53139	.66816	.58551	.99119

#1	.02761	-.00645	29.092	.29858	.05735	.22437	407.37
#2	.02729	-.00623	29.184	.29545	.05675	.22421	406.23
#3	.02689	-.00706	29.358	.29664	.05746	.22657	413.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8401	9.6730	.05483	-.02557	3.6208	.33429	.93686
Stddev	.0155	.0374	.00078	.00113	.0142	.00285	.00075
%RSD	.54471	.38651	1.4298	4.4100	.39205	.85263	.08046

#1	2.8436	9.6487	.05423	-.02683	3.6365	.33757	.93641
#2	2.8232	9.6543	.05454	-.02524	3.6089	.33235	.93773
#3	2.8535	9.7160	.05571	-.02465	3.6169	.33297	.93644

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4631	.01238	.12566	2.2007	5.0428	.03559	.64945
Stddev	.0434	.00034	.00152	.0087	.0901	.00031	.00319
%RSD	.58084	2.7768	1.2076	.39374	1.7863	.86189	.49184

#1	7.4960	.01201	.12393	2.2005	5.1003	.03568	.64959
#2	7.4140	.01243	.12629	2.2094	4.9390	.03525	.65257
#3	7.4793	.01269	.12676	2.1921	5.0892	.03584	.64619

Sample Name: K1610-01 Acquired: 2/26/2019 18:31:47 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07686	3.061	-.27062	<.00000	F<.00000
Stddev	.00167	.016	.00433	.24463	7.0585
%RSD	2.1790	.5082	1.5989	12.409	.75566
#1	.07827	3.045	-.26812	-2.2506	-935.15
#2	.07501	3.062	-.26813	-1.8692	-940.55
#3	.07730	3.076	-.27561	-1.7945	-926.55
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.9	42348.	4477.7	17.165	3203.1
Stddev	9.2	165.	23.6	1.625	10.5
%RSD	.27254	.38945	.52622	9.4646	.32736
#1	3354.1	42279.	4481.7	17.208	3212.3
#2	3371.3	42537.	4499.0	15.519	3205.5
#3	3357.4	42230.	4452.4	18.767	3191.7

Sample Name: CCV07 Acquired: 2/26/2019 18:36:05 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7966 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2338	5.0555	5.1262	5.0645	5.2768	9.3591	9.8434	.25443
Stddev	.0056	.0107	.0149	.0062	.0069	.0888	.0501	.00026
%RSD	.10650	.21092	.29038	.12138	.13142	.94911	.50929	.10215
#1	5.2385	5.0673	5.1284	5.0688	5.2724	9.3719	9.8478	.25428
#2	5.2352	5.0525	5.1399	5.0575	5.2733	9.4407	9.7913	.25428
#3	5.2276	5.0467	5.1103	5.0673	5.2848	9.2645	9.8912	.25473
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4767	24.600	.96564	2.5283	1.2615	5.2432	2.4874	25.239
Stddev	.0065	.091	.00051	.0070	.0006	.0711	.0126	.118
%RSD	.26149	.37108	.05277	.27713	.04476	1.3560	.50583	.46706
#1	2.4768	24.649	.96621	2.5303	1.2620	5.2713	2.4802	25.346
#2	2.4831	24.495	.96546	2.5341	1.2609	5.1624	2.5019	25.112
#3	2.4701	24.657	.96524	2.5205	1.2617	5.2960	2.4800	25.259
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3923	1.2561	24.513	2.3604	2.5914	24.416	5.3955	4.6389
Stddev	.0069	.0042	.129	.0046	.0076	.157	.0049	.0341
%RSD	.28712	.33101	.52496	.19533	.29299	.64484	.09162	.73416
#1	2.3897	1.2546	24.455	2.3656	2.5927	24.475	5.3953	4.6372
#2	2.4001	1.2608	24.424	2.3585	2.5983	24.237	5.4005	4.6057
#3	2.3872	1.2529	24.661	2.3570	2.5833	24.535	5.3906	4.6738
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7831	5.0982	4.6121	5.0960	4.9003	4.764	4.9831	5.1947
Stddev	.0323	.0434	.0053	.0233	.0242	.008	.0236	.1548
%RSD	.67541	.85193	.11394	.45617	.49397	.1629	.47253	2.9796
#1	4.7789	5.1172	4.6141	5.1068	4.9032	4.757	4.9889	5.3728
#2	4.8174	5.0485	4.6160	5.0694	4.8747	4.762	4.9572	5.1194
#3	4.7532	5.1288	4.6061	5.1120	4.9228	4.772	5.0031	5.0920

Sample Name: CCV07 Acquired: 2/26/2019 18:36:05 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7966 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8658
Stddev	1.3033
%RSD	33.712

#1	2.3831
#2	4.8300
#3	4.3843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.7	40667.	4145.2	17.094	3288.7
Stddev	6.4	179.	40.9	.303	10.9
%RSD	.19897	.44010	.98782	1.7706	.33277

#1	3192.6	40664.	4122.1	17.333	3280.6
#2	3201.5	40490.	4192.5	17.195	3284.3
#3	3204.9	40848.	4121.1	16.753	3301.1

Sample Name: CCB07 Acquired: 2/26/2019 18:40:04 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7966 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	.00233	.00126	.00468	-.00006	-.00838	-.00279	.00008
Stddev	.00418	.00225	.00052	.00113	.00186	.01319	.00300	.00010
%RSD	149.16	96.228	41.308	24.222	3229.4	157.51	107.36	112.65
#1	.00559	.00442	.00161	.00501	.00209	.00117	-.00080	-.00000
#2	.00482	.00263	.00066	.00562	-.00112	-.00287	-.00624	.00019
#3	-.00200	-.00005	.00152	.00342	-.00115	-.02343	-.00134	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00040	-.00049	.00023	-.00028	.00586	.00004	-.02958
Stddev	.00010	.02362	.00015	.00017	.00047	.00208	.00004	.02002
%RSD	57.416	5882.4	31.257	70.413	168.18	35.445	101.34	67.703
#1	.00023	.00449	-.00034	.00007	-.00052	.00469	.00008	-.04580
#2	.00025	.02171	-.00048	.00040	-.00058	.00464	.00006	-.00720
#3	.00006	-.02500	-.00064	.00024	.00026	.00826	-.00001	-.03573
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00126	-.00011	.00020	-.00056	.05606	-.00005	.00748
Stddev	.00007	.00031	.00951	.00028	.00006	.06095	.00027	.00821
%RSD	38.447	24.472	8377.4	144.44	11.531	108.72	516.65	109.81
#1	-.00024	.00109	.01042	.00022	-.00057	.11942	-.00006	.01633
#2	-.00020	.00107	-.00272	-.00010	-.00061	-.00215	-.00032	.00598
#3	-.00010	.00161	-.00804	.00047	-.00049	.05091	.00022	.00012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05099	.00440	-.00012	-.00060	.00278	-.0028	.00005	F 3.3420
Stddev	.01373	.00077	.00030	.00234	.00245	.0004	.00008	.0314
%RSD	26.924	17.602	253.79	387.04	87.992	13.65	156.96	.93957
#1	.06683	.00351	-.00041	.00207	.00511	-.0027	.00013	3.3065
#2	.04347	.00473	-.00013	-.00226	.00302	-.0032	-.00003	3.3662
#3	.04266	.00495	.00019	-.00163	.00023	-.0025	.00005	3.3533

Sample Name: CCB07 Acquired: 2/26/2019 18:40:04 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7966 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .64807
Stddev	.16566
%RSD	25.562

#1	.83552
#2	.52135
#3	.58732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.6	43466.	4255.0	17.161	3776.8
Stddev	10.2	168.	42.0	.429	3.3
%RSD	.30153	.38575	.98625	2.4975	.08728

#1	3402.4	43375.	4209.8	16.850	3780.6
#2	3383.9	43659.	4262.3	16.983	3774.6
#3	3385.5	43363.	4292.8	17.650	3775.1

Sample Name: K1610-03 Acquired: 2/26/2019 18:44:32 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03930	-.01775	.62062	.00842	-.01948	160.80	.52536
Stddev	.00167	.00151	.00303	.00347	.00336	.35	.00543
%RSD	4.2503	8.5293	.48848	41.144	17.247	.21869	1.0332

#1	.03744	-.01628	.62227	.01235	-.01891	160.46	.53134
#2	.03978	-.01931	.61712	.00577	-.02309	161.17	.52400
#3	.04068	-.01767	.62247	.00715	-.01645	160.78	.52074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01652	-.00387	9.4080	.17537	.05159	.11720	167.11
Stddev	.00020	.00010	.0304	.00098	.00033	.00062	2.21
%RSD	1.2027	2.4901	.32291	.55673	.64913	.52845	1.3229

#1	.01674	-.00394	9.4189	.17618	.05177	.11680	169.32
#2	.01644	-.00392	9.4315	.17565	.05179	.11791	167.11
#3	.01637	-.00376	9.3737	.17429	.05120	.11688	164.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1709	7.4752	.05181	-.00700	2.5795	.37920	.59294
Stddev	.0006	.0237	.00039	.00064	.0093	.00204	.00388
%RSD	.05564	.31722	.75404	9.0869	.36003	.53703	.65384

#1	1.1716	7.4482	.05226	-.00647	2.5895	.38125	.59407
#2	1.1704	7.4844	.05157	-.00771	2.5712	.37919	.58863
#3	1.1707	7.4929	.05160	-.00682	2.5777	.37717	.59613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2362	.00364	.08384	2.1044	4.1800	.02983	1.3469
Stddev	.0049	.00033	.00589	.0181	.0792	.00090	.0074
%RSD	.09266	8.9287	7.0305	.86065	1.8944	3.0265	.54795

#1	5.2319	.00356	.07772	2.0939	4.2715	.02985	1.3538
#2	5.2415	.00400	.08432	2.0940	4.1343	.02891	1.3391
#3	5.2351	.00336	.08948	2.1253	4.1343	.03071	1.3478

Sample Name: K1610-03 Acquired: 2/26/2019 18:44:32 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04990	3.577	-.10710	.53567	F<.00000
Stddev	.00024	.020	.00242	.18518	2.1847
%RSD	.48037	.5537	2.2588	34.570	.63027
#1	.04997	3.599	-.10944	.64098	-349.11
#2	.04964	3.562	-.10725	.64417	-345.02
#3	.05010	3.570	-.10460	.32185	-345.74
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.5	45233.	4839.3	17.703	3361.5
Stddev	4.8	78.	30.7	.320	19.2
%RSD	.13224	.17305	.63374	1.8103	.57125
#1	3643.1	45231.	4810.5	17.736	3355.5
#2	3633.5	45156.	4835.9	18.007	3382.9
#3	3639.0	45312.	4871.5	17.368	3345.9

Sample Name: K1610-05 Acquired: 2/26/2019 18:49:00 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03478	-.00987	.15971	.00707	-.00969	47.243	.15846
Stddev	.00190	.00064	.00074	.00176	.00209	.189	.00379
%RSD	5.4735	6.5141	.46561	24.878	21.534	.39943	2.3903

#1	.03319	-.01000	.15940	.00763	-.01209	47.030	.16277
#2	.03689	-.00918	.15917	.00510	-.00872	47.387	.15693
#3	.03426	-.01044	.16056	.00848	-.00827	47.313	.15567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	-.00371	6.8185	.11928	.02554	.05500	95.769
Stddev	.00020	.00023	.0247	.00063	.00023	.00022	.449
%RSD	3.1468	6.2248	.36184	.52754	.91151	.40796	.46901

#1	.00636	-.00396	6.8469	.11856	.02543	.05477	96.273
#2	.00600	-.00350	6.8032	.11973	.02538	.05501	95.411
#3	.00631	-.00368	6.8052	.11955	.02580	.05522	95.624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52735	5.3807	.03061	-.00220	1.2059	.16388	.38176
Stddev	.00131	.0184	.00015	.00062	.0023	.00175	.00202
%RSD	.24832	.34097	.50457	28.010	.18897	1.0660	.52956

#1	.52628	5.3749	.03069	-.00166	1.2041	.16392	.38149
#2	.52881	5.3660	.03044	-.00208	1.2084	.16210	.37989
#3	.52695	5.4012	.03072	-.00287	1.2051	.16560	.38391

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0263	.00354	.06469	.32821	3.7783	.00856	.62616
Stddev	.0478	.00062	.00587	.03150	.0288	.00030	.00315
%RSD	1.1867	17.386	9.0702	9.5973	.76173	3.4769	.50265

#1	3.9764	.00425	.07012	.34337	3.7858	.00858	.62305
#2	4.0717	.00315	.05846	.34926	3.7465	.00885	.62934
#3	4.0309	.00323	.06548	.29200	3.8026	.00825	.62608

Sample Name: K1610-05 Acquired: 2/26/2019 18:49:00 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03879	1.388	-.03679	2.8017	F<.00000
Stddev	.00170	.008	.00061	.1484	.30988
%RSD	4.3937	.5692	1.6524	5.2974	.18297
#1	.04019	1.394	-.03747	2.8957	-169.25
#2	.03927	1.379	-.03631	2.8787	-169.71
#3	.03689	1.390	-.03659	2.6306	-169.12
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.7	44341.	4564.4	18.538	3546.8
Stddev	15.1	76.	27.7	1.864	24.4
%RSD	.43048	.17164	.60590	10.057	.68834
#1	3483.3	44414.	4532.7	17.139	3526.1
#2	3512.8	44262.	4583.9	20.655	3573.8
#3	3503.2	44346.	4576.6	17.821	3540.7

Sample Name: K1610-07 Acquired: 2/26/2019 18:53:18 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03196	-.01036	.25962	.00762	-.01033	49.165	.17399
Stddev	.00208	.00132	.00211	.00476	.00116	.183	.00487
%RSD	6.5027	12.777	.81457	62.410	11.271	.37249	2.8000

#1	.03302	-.00954	.26179	.00228	-.00924	49.368	.17326
#2	.02956	-.00965	.25756	.00919	-.01156	49.014	.16953
#3	.03328	-.01189	.25951	.01140	-.01019	49.111	.17919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	-.00284	7.3422	.14493	.02180	.07439	78.117
Stddev	.00012	.00008	.0807	.00128	.00016	.00003	.707
%RSD	2.1014	2.8585	1.0985	.88509	.74704	.03604	.90551

#1	.00550	-.00275	7.2496	.14529	.02162	.07436	77.487
#2	.00574	-.00284	7.3806	.14351	.02189	.07441	77.983
#3	.00566	-.00292	7.3966	.14600	.02191	.07438	78.882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45968	7.1703	.03845	-.00178	4.9717	.14544	.39971
Stddev	.00055	.0386	.00038	.00051	.0038	.00208	.00112
%RSD	.11929	.53864	.98321	28.792	.07700	1.4322	.27922

#1	.45964	7.1382	.03838	-.00161	4.9673	.14328	.40049
#2	.45915	7.1597	.03885	-.00137	4.9739	.14561	.40020
#3	.46025	7.2132	.03811	-.00235	4.9740	.14744	.39843

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8970	.00302	.05863	.70097	5.0143	.00782	.65143
Stddev	.0498	.00021	.00470	.01629	.0271	.00047	.00741
%RSD	.84511	6.8380	8.0126	2.3239	.54089	6.0368	1.1382

#1	5.9467	.00324	.06231	.71879	4.9941	.00835	.65986
#2	5.8974	.00284	.05334	.69728	5.0037	.00744	.64848
#3	5.8470	.00298	.06024	.68684	5.0451	.00767	.64594

Sample Name: K1610-07 Acquired: 2/26/2019 18:53:18 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-D Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04799	1.640	.01477	2.4824	F<.00000
Stddev	.00160	.008	.00089	.1564	1.1440
%RSD	3.3441	.4884	6.0260	6.3020	.82173
#1	.04701	1.636	.01552	2.5743	-139.08
#2	.04712	1.649	.01500	2.5712	-138.15
#3	.04984	1.634	.01379	2.3018	-140.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.6	44707.	4645.6	17.465	3512.2
Stddev	10.3	31.	35.8	.713	12.1
%RSD	.29229	.06829	.77088	4.0825	.34323
#1	3536.5	44691.	4679.3	17.782	3506.8
#2	3527.8	44742.	4649.5	17.964	3503.8
#3	3548.4	44687.	4608.0	16.648	3526.0

Sample Name: K1610-09 Acquired: 2/26/2019 18:57:35 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06767	-.01022	.81032	.01273	-.01761	101.92	.49016
Stddev	.00111	.00215	.00465	.00488	.00290	.75	.00230
%RSD	1.6362	20.994	.57427	38.334	16.458	.73434	.46944

#1	.06731	-.01216	.81518	.01601	-.01990	102.39	.48898
#2	.06679	-.01060	.80590	.01506	-.01435	101.06	.48869
#3	.06891	-.00791	.80987	.00712	-.01857	102.32	.49281

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01164	-.00275	69.800	.27119	.04722	.23686	162.64
Stddev	.00010	.00013	.314	.00161	.00027	.00129	.90
%RSD	.82056	4.7224	.44965	.59403	.56920	.54650	.55594

#1	.01155	-.00262	70.145	.26955	.04729	.23753	162.61
#2	.01174	-.00288	69.725	.27277	.04693	.23536	163.56
#3	.01161	-.00274	69.531	.27126	.04745	.23767	161.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2609	12.609	.05492	-.00705	21.674	.45757	1.6417
Stddev	.0006	.081	.00036	.00029	.090	.00215	.0025
%RSD	.04454	.64231	.64742	4.1177	.41550	.46899	.15173

#1	1.2603	12.660	.05460	-.00728	21.768	.45570	1.6433
#2	1.2614	12.652	.05484	-.00715	21.666	.45992	1.6389
#3	1.2610	12.516	.05530	-.00672	21.589	.45710	1.6430

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0044	.00441	.10272	2.4231	5.0947	.03586	.64036
Stddev	.0141	.00023	.01137	.0464	.0749	.00077	.00221
%RSD	.17566	5.2478	11.065	1.9156	1.4696	2.1399	.34575

#1	8.0017	.00417	.09298	2.4763	5.0565	.03622	.63819
#2	8.0196	.00464	.11521	2.3905	5.1810	.03638	.64027
#3	7.9918	.00441	.09996	2.4026	5.0467	.03497	.64262

Sample Name: K1610-09 Acquired: 2/26/2019 18:57:35 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-E Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07491	3.949	.09257	1.7043	F<.00000
Stddev	.00241	.031	.00148	.2078	1.1825
%RSD	3.2108	.7840	1.6019	12.195	.37164
#1	.07767	3.973	.09403	1.8275	-317.48
#2	.07384	3.914	.09107	1.4643	-319.56
#3	.07323	3.959	.09262	1.8210	-317.54
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.6	44243.	4671.4	19.413	3267.8
Stddev	8.3	122.	34.8	1.486	2.5
%RSD	.23678	.27668	.74526	7.6526	.07576
#1	3509.4	44110.	4659.4	20.513	3266.3
#2	3494.1	44269.	4644.2	17.723	3270.6
#3	3507.2	44351.	4710.7	20.003	3266.4

Sample Name: K1620-02 Acquired: 2/26/2019 19:01:57 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05461	-.13115	-.02990	-.03020	-.07797	263.05	.20875
Stddev	.00359	.00085	.00267	.00619	.00059	1.11	.00819
%RSD	6.5799	.64837	8.9309	20.506	.75711	.42283	3.9257

#1	-.05483	-.13205	-.03176	-.02785	-.07835	261.87	.21707
#2	-.05092	-.13104	-.03109	-.03723	-.07828	264.09	.20849
#3	-.05809	-.13036	-.02684	-.02553	-.07729	263.18	.20069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03038	.01727	271.51	.02292	.49857	1.0103	424.51
Stddev	.00024	.00004	2.53	.00080	.00125	.0037	5.34
%RSD	.78819	.22552	.93231	3.5087	.25044	.36682	1.2574

#1	.03058	.01729	273.81	.02200	.50000	1.0061	429.14
#2	.03043	.01729	271.91	.02322	.49775	1.0118	425.72
#3	.03011	.01723	268.80	.02352	.49795	1.0131	418.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3552	226.68	.21938	-.05534	30.767	1.3841	1.0453
Stddev	.0574	2.34	.00120	.00082	.324	.0031	.0005
%RSD	.77988	1.0312	.54921	1.4770	1.0546	.22010	.04846

#1	7.3260	228.74	.21815	-.05455	31.045	1.3808	1.0459
#2	7.4213	227.17	.22056	-.05529	30.846	1.3867	1.0450
#3	7.3183	224.14	.21942	-.05618	30.411	1.3848	1.0450

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3677	-.00109	4.3450	1.5563	5.0156	.03317	5.3928
Stddev	.0103	.00016	.0434	.0137	.0834	.00116	.0070
%RSD	.30615	15.078	.99759	.88266	1.6621	3.4920	.13052

#1	3.3558	-.00093	4.3869	1.5433	5.1028	.03322	5.3976
#2	3.3728	-.00108	4.3478	1.5707	5.0073	.03199	5.3847
#3	3.3744	-.00125	4.3004	1.5548	4.9367	.03430	5.3961

Sample Name: K1620-02 Acquired: 2/26/2019 19:01:57 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11750	F 11.05	.28230	<.00000	F<.00000
Stddev	.00038	.04	.00032	.18174	1.8337
%RSD	.32074	.4053	.11387	2.9566	.13519
#1	.11732	11.02	.28249	-6.0536	-1356.3
#2	.11794	11.03	.28247	-6.0306	-1354.5
#3	.11725	11.10	.28193	-6.3562	-1358.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.0	47204.	5272.2	15.151	2721.3
Stddev	10.5	85.	65.7	1.415	8.5
%RSD	.27911	.17931	1.2461	9.3366	.31062
#1	3748.6	47176.	5202.2	13.753	2714.4
#2	3738.8	47137.	5282.1	15.117	2718.8
#3	3759.7	47299.	5332.4	16.582	2730.7

Sample Name: K1620-02DUP Acquired: 2/26/2019 19:06:32 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05157	-.12889	-.03081	-.02939	-.07798	264.94	.21598
Stddev	.00264	.00290	.00123	.00473	.00335	1.07	.00240
%RSD	5.1125	2.2531	3.9785	16.095	4.2912	.40222	1.1101

#1	-.05434	-.13215	-.03202	-.03272	-.07685	264.54	.21861
#2	-.04908	-.12797	-.03082	-.03149	-.07534	264.13	.21541
#3	-.05130	-.12656	-.02957	-.02398	-.08174	266.15	.21391

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03009	.01661	276.36	.02296	.50157	1.0170	429.80
Stddev	.00029	.00057	.75	.00018	.00079	.0032	2.86
%RSD	.96521	3.4196	.27137	.80545	.15715	.31819	.66565

#1	.03041	.01722	276.49	.02317	.50183	1.0207	427.23
#2	.02983	.01609	277.04	.02286	.50069	1.0146	432.88
#3	.03004	.01653	275.56	.02285	.50220	1.0156	429.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4782	229.97	.22275	-.05663	31.220	1.4013	1.0492
Stddev	.0421	1.02	.00124	.00053	.072	.0020	.0009
%RSD	.56323	.44238	.55849	.94313	.22960	.14583	.08933

#1	7.4404	229.62	.22354	-.05725	31.196	1.4031	1.0503
#2	7.5236	231.11	.22339	-.05634	31.300	1.3991	1.0487
#3	7.4706	229.17	.22132	-.05631	31.163	1.4016	1.0487

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4071	-.00064	4.4715	1.5342	5.1573	.03449	5.4406
Stddev	.0508	.00021	.0250	.0351	.0772	.00215	.0311
%RSD	1.4920	32.040	.56006	2.2868	1.4973	6.2345	.57065

#1	3.4219	-.00043	4.4448	1.5695	5.2309	.03253	5.4393
#2	3.4488	-.00066	4.4944	1.4994	5.1640	.03679	5.4722
#3	3.3505	-.00084	4.4755	1.5337	5.0769	.03415	5.4101

Sample Name: K1620-02DUP Acquired: 2/26/2019 19:06:32 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12008	F 11.16	.28766	<.00000	F<.00000
Stddev	.00173	.04	.00224	.21479	5.5764
%RSD	1.4406	.3405	.77709	3.6805	.41343
#1	.11974	11.12	.29024	-5.8960	-1351.7
#2	.11855	11.15	.28630	-6.0145	-1352.4
#3	.12196	11.20	.28644	-5.5976	-1342.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.3	46838.	5189.3	15.572	2704.6
Stddev	7.8	6.	36.7	1.033	3.6
%RSD	.20737	.01210	.70760	6.6306	.13276
#1	3729.4	46837.	5184.4	15.661	2701.6
#2	3742.2	46833.	5155.3	16.557	2703.6
#3	3743.4	46844.	5228.3	14.498	2708.6

Sample Name: K1620-02LX5 Acquired: 2/26/2019 19:11:08 Type: Unk
Method: P4-ICP2(v2892) 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	-.00923	-.02252	-.02490	.01114	-.02314	60.927	.05147
Stddev	.00088	.00226	.00085	.00294	.00165	.441	.00265
%RSD	9.4939	10.026	3.4030	26.350	7.1134	.72369	5.1516

#1	-.00866	-.02014	-.02407	.01031	-.02132	60.605	.05347
#2	-.00880	-.02278	-.02486	.00871	-.02453	61.430	.05247
#3	-.01024	-.02463	-.02576	.01440	-.02356	60.746	.04846

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	-.00708	70.767	.00030	.09950	.26001	158.24
Stddev	.00007	.00027	.274	.00022	.00054	.00146	1.11
%RSD	1.0441	3.8703	.38763	74.072	.54405	.56258	.70406

#1	.00639	-.00739	71.076	.00004	.09900	.25836	159.14
#2	.00627	-.00685	70.672	.00040	.10007	.26049	157.00
#3	.00636	-.00702	70.553	.00045	.09942	.26116	158.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9567	58.341	.03998	-.00569	7.5162	.35764	.17515
Stddev	.0100	.304	.00048	.00071	.0164	.00140	.00012
%RSD	.51138	.52134	1.1898	12.529	.21751	.39148	.06932

#1	1.9515	58.684	.04029	-.00488	7.5339	.35638	.17529
#2	1.9682	58.105	.04022	-.00597	7.5129	.35915	.17506
#3	1.9502	58.233	.03944	-.00621	7.5017	.35738	.17510

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83048	-.00051	1.1990	.33810	1.3523	.00812	1.3569
Stddev	.02417	.00025	.0128	.01085	.0190	.00008	.0040
%RSD	2.9104	49.819	1.0680	3.2096	1.4051	.98995	.29780

#1	.81203	-.00056	1.1876	.33441	1.3616	.00805	1.3616
#2	.85784	-.00023	1.1966	.32958	1.3305	.00821	1.3544
#3	.82157	-.00073	1.2129	.35032	1.3649	.00811	1.3549

Sample Name: K1620-02LX5 Acquired: 2/26/2019 19:11:08 Type: Unk
Method: P4-ICP2(v2892) 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	.03095	2.108	.01683	3.6294	F<.00000
Stddev	.00120	.006	.00109	.1055	2.2634
%RSD	3.8924	.2702	6.4552	2.9065	.82383

#1	.02979	2.105	.01605	3.6959	-272.26
#2	.03219	2.105	.01807	3.5078	-275.30
#3	.03088	2.115	.01637	3.6847	-276.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.2	42353.	4379.8	16.925	3237.7
Stddev	8.6	154.	23.7	.461	8.8
%RSD	.25450	.36383	.54224	2.7232	.27292

#1	3392.2	42348.	4356.5	17.441	3237.2
#2	3375.1	42201.	4404.0	16.553	3229.2
#3	3385.3	42509.	4379.0	16.781	3246.8

Sample Name: K1620-02MS Acquired: 2/26/2019 19:15:22 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64605	2.0708	1.0735	1.6460	.03189	270.48	.38782
Stddev	.00525	.0040	.0076	.0060	.00500	1.83	.00164
%RSD	.81216	.19561	.70924	.36305	15.667	.67539	.42184

#1	.64494	2.0744	1.0652	1.6529	.03531	268.99	.38694
#2	.65176	2.0664	1.0750	1.6428	.02616	269.93	.38970
#3	.64145	2.0716	1.0802	1.6422	.03420	272.52	.38681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21512	.23487	275.51	.37391	.71871	1.2493	432.06
Stddev	.00007	.00030	.34	.00053	.00134	.0019	2.64
%RSD	.03316	.12717	.12235	.14090	.18672	.15294	.61165

#1	.21515	.23452	275.22	.37404	.72010	1.2490	433.54
#2	.21517	.23507	275.88	.37436	.71863	1.2475	433.63
#3	.21504	.23500	275.44	.37333	.71742	1.2513	429.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2812	229.01	.76568	.01304	35.795	1.6271	1.2499
Stddev	.0158	.66	.00242	.00087	.065	.0041	.0033
%RSD	.21631	.28675	.31561	6.7070	.18218	.25202	.26495

#1	7.2895	228.98	.76827	.01313	35.750	1.6243	1.2484
#2	7.2631	229.68	.76349	.01387	35.870	1.6318	1.2475
#3	7.2911	228.37	.76527	.01213	35.766	1.6252	1.2536

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.165	.32261	3.4418	1.3996	7.4017	.68360	5.2693
Stddev	.058	.00175	.0211	.0075	.0924	.00267	.0289
%RSD	.47985	.54318	.61343	.53625	1.2488	.39104	.54783

#1	12.098	.32450	3.4204	1.3931	7.4608	.68533	5.2359
#2	12.195	.32230	3.4424	1.3980	7.4490	.68494	5.2858
#3	12.202	.32104	3.4626	1.4078	7.2951	.68052	5.2860

Sample Name: K1620-02MS Acquired: 2/26/2019 19:15:22 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30811	F 17.60	.45654	<.00000	F<.00000
Stddev	.00163	.01	.00364	.18000	5.3262
%RSD	.52782	.0677	.79786	3.5286	.40185

#1	.30666	17.61	.45247	-5.0186	-1319.7
#2	.30782	17.60	.45764	-4.9772	-1330.3
#3	.30987	17.59	.45951	-5.3076	-1326.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.6	46984.	5136.0	16.394	2713.4
Stddev	10.2	105.	35.9	1.224	3.4
%RSD	.27271	.22325	.69866	7.4632	.12412

#1	3743.0	46869.	5109.9	16.035	2717.3
#2	3742.4	47075.	5121.1	15.391	2711.7
#3	3760.4	47009.	5176.9	17.757	2711.2

Sample Name: K1620-02MSD Acquired: 2/26/2019 19:19:50 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64141	2.0704	1.0733	1.6516	.03416	270.73	.38780
Stddev	.00187	.0019	.0031	.0094	.00119	.90	.00725
%RSD	.29208	.09392	.28601	.56688	3.4741	.33239	1.8683

#1	.64181	2.0695	1.0715	1.6511	.03546	271.68	.39616
#2	.63936	2.0690	1.0769	1.6426	.03388	270.62	.38385
#3	.64304	2.0726	1.0717	1.6613	.03314	269.89	.38338

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21623	.23481	273.27	.37837	.71961	1.2552	430.45
Stddev	.00078	.00036	2.34	.00148	.00081	.0059	.87
%RSD	.36188	.15200	.85613	.39122	.11259	.46916	.20258

#1	.21534	.23440	275.97	.37679	.72035	1.2584	431.31
#2	.21680	.23505	272.03	.37971	.71875	1.2588	429.56
#3	.21657	.23498	271.81	.37863	.71974	1.2484	430.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3140	227.10	.76767	.01138	35.545	1.6381	1.2506
Stddev	.0297	1.88	.00062	.00062	.335	.0045	.0049
%RSD	.40606	.82989	.08016	5.4639	.94261	.27458	.39320

#1	7.3351	229.18	.76829	.01067	35.931	1.6382	1.2451
#2	7.2800	225.50	.76706	.01165	35.348	1.6335	1.2545
#3	7.3269	226.61	.76766	.01183	35.354	1.6425	1.2523

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.174	.32171	3.4155	1.4187	7.1875	.68573	5.2936
Stddev	.083	.00093	.0132	.0103	.0979	.00166	.0145
%RSD	.68489	.28983	.38744	.72458	1.3614	.24264	.27363

#1	12.271	.32267	3.4287	1.4292	7.2998	.68747	5.2815
#2	12.126	.32164	3.4022	1.4184	7.1423	.68557	5.2895
#3	12.127	.32081	3.4156	1.4086	7.1205	.68416	5.3096

Sample Name: K1620-02MSD Acquired: 2/26/2019 19:19:50 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31140	F 17.60	.45066	<.00000	F<.00000
Stddev	.00140	.03	.00721	.15219	8.3358
%RSD	.44908	.1767	1.6007	3.1729	.63152

#1	.31007	17.57	.45895	-4.8386	-1320.6
#2	.31127	17.63	.44587	-4.9235	-1311.3
#3	.31286	17.59	.44714	-4.6279	-1327.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.8	46919.	5150.8	15.088	2712.8
Stddev	3.9	117.	35.8	.665	8.9
%RSD	.10407	.24972	.69475	4.4084	.32702

#1	3754.6	46900.	5110.7	15.406	2722.7
#2	3747.4	46812.	5179.4	14.324	2705.5
#3	3753.5	47044.	5162.3	15.535	2710.2

Sample Name: K1620-02A Acquired: 2/26/2019 19:24:19 Type: Unk
Method: P4-ICP2(v2892) 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	.63380	2.0532	1.0662	1.6372	.03050	268.34	.38548
Stddev	.00566	.0060	.0045	.0142	.00214	.44	.00142
%RSD	.89239	.29239	.42518	.86592	7.0108	.16332	.36755

#1	.63293	2.0531	1.0711	1.6391	.03222	268.65	.38466
#2	.62862	2.0473	1.0654	1.6221	.03117	268.54	.38712
#3	.63984	2.0593	1.0621	1.6503	.02810	267.84	.38467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21462	.23318	272.56	.37817	.71496	1.2479	429.29
Stddev	.00136	.00071	.78	.00184	.00201	.0050	.62
%RSD	.63536	.30360	.28673	.48681	.28066	.39632	.14406

#1	.21617	.23394	273.42	.37945	.71640	1.2423	429.64
#2	.21363	.23254	271.89	.37606	.71267	1.2499	429.65
#3	.21406	.23304	272.36	.37901	.71582	1.2516	428.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2819	226.68	.76214	.01214	35.407	1.6266	1.2361
Stddev	.0246	.76	.00362	.00096	.081	.0023	.0049
%RSD	.33778	.33437	.47494	7.9210	.22807	.14195	.39998

#1	7.2767	227.46	.76525	.01150	35.494	1.6274	1.2404
#2	7.2603	225.95	.75817	.01324	35.335	1.6284	1.2307
#3	7.3086	226.63	.76300	.01167	35.392	1.6240	1.2373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.069	.32014	3.3162	1.3936	7.1597	.68424	5.2466
Stddev	.038	.00044	.0110	.0466	.1436	.00639	.0040
%RSD	.31120	.13755	.33188	3.3401	2.0055	.93379	.07678

#1	12.028	.32062	3.3285	1.3601	7.1855	.68318	5.2488
#2	12.102	.32005	3.3128	1.3740	7.2886	.67844	5.2419
#3	12.078	.31975	3.3073	1.4467	7.0049	.69109	5.2490

Sample Name: K1620-02A Acquired: 2/26/2019 19:24:19 Type: Unk
 Method: P4-ICP2(v2892) 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	.30456	F 17.46	.44781	<.00000	F<.00000
Stddev	.00480	.10	.00211	.09175	4.8962
%RSD	1.5761	.5945	.47055	1.7786	.37179
#1	.30798	17.51	.45019	-5.1719	-1311.3
#2	.30663	17.34	.44617	-5.0607	-1320.4
#3	.29908	17.52	.44708	-5.2427	-1319.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3772.0	47304.	5160.5	16.597	2728.2
Stddev	7.0	156.	24.2	2.147	13.0
%RSD	.18576	.33022	.46887	12.934	.47647
#1	3765.5	47161.	5132.6	14.196	2715.5
#2	3779.4	47281.	5173.6	18.331	2741.5
#3	3771.0	47471.	5175.4	17.265	2727.5

Sample Name: CCV08 Acquired: 2/26/2019 19:28:47 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1692	5.1333	5.1407	5.0931	5.1987	9.3919	9.8960	.25835
Stddev	.0040	.0265	.0327	.0049	.0126	.0287	.0612	.00037
%RSD	.07782	.51633	.63543	.09653	.24138	.30586	.61791	.14287
#1	5.1657	5.1529	5.1633	5.0888	5.1849	9.4218	9.9455	.25870
#2	5.1736	5.1438	5.1554	5.0985	5.2018	9.3893	9.8277	.25797
#3	5.1683	5.1032	5.1032	5.0920	5.2094	9.3645	9.9149	.25839
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5256	24.976	.98780	2.5556	1.2666	5.3491	2.4807	25.164
Stddev	.0167	.054	.00301	.0141	.0008	.0250	.0090	.034
%RSD	.66127	.21519	.30509	.55075	.06529	.46765	.36152	.13612
#1	2.5403	24.914	.99117	2.5681	1.2670	5.3565	2.4910	25.160
#2	2.5290	25.010	.98538	2.5584	1.2657	5.3213	2.4746	25.132
#3	2.5074	25.004	.98685	2.5404	1.2672	5.3696	2.4766	25.201
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4585	1.2602	24.733	2.4372	2.6017	24.055	5.3282	4.7003
Stddev	.0154	.0004	.138	.0050	.0158	.157	.0067	.0167
%RSD	.62735	.03481	.55795	.20392	.60791	.65206	.12538	.35565
#1	2.4692	1.2602	24.862	2.4416	2.6137	24.197	5.3240	4.7188
#2	2.4655	1.2607	24.587	2.4318	2.6075	23.887	5.3248	4.6864
#3	2.4408	1.2598	24.750	2.4381	2.5838	24.080	5.3359	4.6956
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8453	5.0941	4.7865	5.0967	4.8081	4.912	4.9448	F 6.3319
Stddev	.0460	.0429	.0201	.0042	.0347	.032	.0372	.1922
%RSD	.94898	.84183	.42005	.08193	.72235	.6484	.75174	3.0356
#1	4.8875	5.0935	4.8070	5.0925	4.8448	4.932	4.9805	6.1210
#2	4.8520	5.0515	4.7858	5.1009	4.7757	4.929	4.9063	6.4971
#3	4.7963	5.1373	4.7668	5.0968	4.8039	4.876	4.9476	6.3777

Sample Name: CCV08 Acquired: 2/26/2019 19:28:47 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2516
Stddev .5073
%RSD 15.602

#1 2.6660
#2 3.5566
#3 3.5321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.5	40434.	4116.8	16.030	3272.1
Stddev	2.5	152.	21.7	.975	18.9
%RSD	.07838	.37636	.52675	6.0805	.57793

#1	3248.9	40264.	4105.1	15.268	3256.1
#2	3253.4	40557.	4141.8	15.693	3267.3
#3	3249.2	40483.	4103.4	17.128	3293.0

Sample Name: CCB08 Acquired: 2/26/2019 19:32:47 Type: Unk
Method: P4-ICP2(v2892) 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	.00383	.00023	.00236	.00268	.00074	-.01381	-.00384
Stddev	.00081	.00012	.00077	.00317	.00223	.00888	.00871
%RSD	21.289	52.234	32.810	118.51	303.22	64.280	226.98

#1	.00290	.00029	.00178	.00169	.00136	-.00442	-.00366
#2	.00442	.00009	.00205	.00623	-.00174	-.01495	-.01263
#3	.00416	.00030	.00323	.00012	.00259	-.02208	.00478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00010	.00511	-.00034	.00007	.00003	.00835
Stddev	.00013	.00004	.00719	.00038	.00003	.00025	.00198
%RSD	91.955	34.761	140.73	114.58	43.862	832.85	23.746

#1	-.00000	.00014	.01299	-.00078	.00004	.00000	.00682
#2	.00026	.00007	.00346	-.00011	.00006	.00029	.01059
#3	.00017	.00009	-.00111	-.00012	.00009	-.00020	.00764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.04555	-.00062	.00139	-.01469	.00041	-.00042
Stddev	.00005	.01575	.00015	.00007	.01320	.00025	.00006
%RSD	36.732	34.588	23.945	5.2932	89.862	61.727	14.815

#1	.00008	-.04886	-.00047	.00130	-.02992	.00036	-.00038
#2	.00017	-.05938	-.00062	.00142	-.00663	.00019	-.00050
#3	.00013	-.02840	-.00077	.00144	-.00751	.00069	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06945	.00009	.00248	F .05274	.00350	-.00027	-.00139
Stddev	.02966	.00044	.00719	.01347	.00484	.00049	.00034
%RSD	42.716	510.79	290.45	25.536	138.52	182.23	24.412

#1	.06531	.00050	-.00165	.06652	-.00208	.00029	-.00135
#2	.04206	.00013	-.00171	.05209	.00597	-.00052	-.00107
#3	.10096	-.00037	.01078	.03961	.00661	-.00058	-.00174

Sample Name: CCB08 Acquired: 2/26/2019 19:32:47 Type: Unk
 Method: P4-ICP2(v2892) 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 .00537	-.0014	-.00014	F 4.2470	F<.00000
Stddev	.00260	.0023	.00011	.1086	1.5949
%RSD	48.384	164.0	76.366	2.5567	311.90

#1	.00436	-.0037	-.00003	4.3413	-1.7097
#2	.00831	-.0013	-.00016	4.1283	1.2989
#3	.00342	.0009	-.00023	4.2715	-1.1232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3440.0	43267.	4198.4	18.506	3769.6
Stddev	.6	48.	10.5	.692	2.1
%RSD	.01785	.11148	.25088	3.7380	.05495

#1	3439.4	43266.	4210.5	18.517	3767.5
#2	3440.2	43220.	4193.8	19.192	3771.6
#3	3440.6	43316.	4191.0	17.808	3769.6

Sample Name: K1620-04 Acquired: 2/26/2019 19:37:14 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01753	-.29468	.33120	-.03917	-.08624	305.47	1.0292
Stddev	.00118	.01168	.00259	.00875	.00195	.96	.0084
%RSD	6.7036	3.9642	.78108	22.328	2.2603	.31378	.82123

#1	-.01758	-.30643	.33311	-.04845	-.08695	304.82	1.0231
#2	-.01633	-.28307	.33223	-.03109	-.08774	306.57	1.0257
#3	-.01868	-.29453	.32825	-.03796	-.08404	305.02	1.0389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03693	.03815	280.39	.02992	.53539	4.6388	433.02
Stddev	.00009	.00041	1.63	.00051	.00073	.0052	3.33
%RSD	.24537	1.0873	.58021	1.7189	.13650	.11093	.76877

#1	.03689	.03861	278.58	.03040	.53556	4.6340	429.32
#2	.03704	.03781	280.88	.03000	.53460	4.6380	435.78
#3	.03687	.03801	281.72	.02938	.53603	4.6443	433.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2998	133.43	.22449	-.07115	31.290	1.2442	2.3843
Stddev	.0420	.78	.00085	.00055	.211	.0019	.0003
%RSD	.79161	.58622	.37846	.76743	.67520	.15290	.01443

#1	5.2614	132.61	.22547	-.07176	31.058	1.2447	2.3843
#2	5.3446	133.52	.22410	-.07098	31.343	1.2457	2.3839
#3	5.2934	134.17	.22392	-.07070	31.471	1.2420	2.3846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.552	.00701	1.8755	3.7072	8.1948	.05200	F 11.637
Stddev	.155	.00012	.0120	.0687	.0681	.00100	.078
%RSD	.65737	1.6649	.64092	1.8521	.83083	1.9246	.67154

#1	23.379	.00693	1.8652	3.7778	8.1162	.05286	11.547
#2	23.600	.00714	1.8887	3.7032	8.2358	.05090	11.671
#3	23.678	.00696	1.8726	3.6407	8.2324	.05225	11.692

Sample Name: K1620-04 Acquired: 2/26/2019 19:37:14 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-02 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18275	F 28.92	.96221	<.00000	F<.00000
Stddev	.00367	.01	.00580	.34802	5.1376
%RSD	2.0079	.0487	.60294	3.2394	.30897
#1	.18043	28.93	.95592	-10.823	-1664.1
#2	.18084	28.93	.96337	-10.362	-1657.1
#3	.18698	28.91	.96734	-11.044	-1667.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4206.8	52109.	5844.1	16.496	2670.7
Stddev	4.0	78.	38.1	.524	4.0
%RSD	.09419	.15016	.65117	3.1742	.15036
#1	4211.3	52160.	5886.4	16.467	2673.0
#2	4205.4	52019.	5833.0	17.033	2666.0
#3	4203.8	52149.	5812.8	15.987	2672.9

Sample Name: K1620-06 Acquired: 2/26/2019 19:41:49 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02840	-.30166	.45260	-.06917	-.10582	362.37	1.0981
Stddev	.00604	.00352	.00125	.00494	.00039	.40	.0047
%RSD	21.260	1.1683	.27568	7.1481	.36673	.10981	.42492

#1	-.02620	-.30310	.45120	-.06351	-.10591	362.05	1.0930
#2	-.03524	-.29765	.45300	-.07263	-.10615	362.24	1.1022
#3	-.02378	-.30425	.45359	-.07138	-.10539	362.81	1.0989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04702	.05738	271.38	.06497	.70701	4.1263	492.74
Stddev	.00034	.00009	1.20	.00024	.00309	.0075	1.93
%RSD	.72511	.16179	.44280	.36887	.43643	.18115	.39070

#1	.04666	.05731	270.33	.06479	.70499	4.1329	491.81
#2	.04734	.05735	272.69	.06488	.70548	4.1182	494.95
#3	.04708	.05749	271.11	.06524	.71056	4.1277	491.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5576	189.81	.33288	-.09722	31.243	1.1465	2.9299
Stddev	.0282	.72	.00043	.00104	.118	.0024	.0057
%RSD	.43034	.37958	.12981	1.0687	.37627	.20934	.19426

#1	6.5283	189.40	.33304	-.09714	31.129	1.1453	2.9311
#2	6.5600	190.65	.33239	-.09623	31.364	1.1493	2.9238
#3	6.5846	189.40	.33321	-.09830	31.236	1.1450	2.9350

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.743	.00533	1.4156	2.6543	8.3061	.06022	F 10.970
Stddev	.111	.00010	.0162	.0516	.1015	.00170	.041
%RSD	.46589	1.9689	1.1441	1.9451	1.2219	2.8272	.37161

#1	23.691	.00525	1.4148	2.7051	8.1986	.06176	10.950
#2	23.870	.00545	1.3999	2.6559	8.4002	.06050	11.017
#3	23.668	.00529	1.4322	2.6019	8.3195	.05839	10.943

Sample Name: K1620-06 Acquired: 2/26/2019 19:41:49 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-03 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25039	F 27.01	.84021	<.00000	F<.00000
Stddev	.00124	.04	.00265	.59152	7.1827
%RSD	.49468	.1609	.31547	4.4504	.34115
#1	.24939	27.02	.83840	-12.782	-2104.3
#2	.24999	26.97	.84325	-13.152	-2098.9
#3	.25177	27.06	.83898	-13.940	-2113.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4153.3	51696.	5827.9	16.971	2574.5
Stddev	.6	90.	31.5	.506	3.0
%RSD	.01528	.17422	.54082	2.9800	.11745
#1	4153.9	51653.	5838.5	16.472	2575.1
#2	4152.7	51635.	5792.4	17.483	2577.2
#3	4153.5	51799.	5852.7	16.958	2571.2

Sample Name: K1620-08 Acquired: 2/26/2019 19:46:24 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02813	-.04454	.32986	.01596	-.03253	169.55	.72891
Stddev	.00493	.00415	.00131	.00181	.00371	.52	.00505
%RSD	17.520	9.3285	.39688	11.333	11.413	.30620	.69246

#1	.03376	-.04252	.33006	.01683	-.02921	170.14	.72823
#2	.02460	-.04932	.32847	.01388	-.03654	169.16	.72423
#3	.02603	-.04178	.33106	.01717	-.03183	169.35	.73426

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01862	-.00408	13.222	.14159	.11609	.17716	240.42
Stddev	.00013	.00002	.020	.00055	.00060	.00078	1.09
%RSD	.72326	.59933	.15360	.39102	.51260	.44085	.45232

#1	.01857	-.00410	13.245	.14105	.11562	.17627	241.43
#2	.01852	-.00408	13.216	.14155	.11588	.17772	240.56
#3	.01877	-.00406	13.206	.14215	.11676	.17750	239.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2592	42.645	.17211	-.01471	.77010	.27899	.74744
Stddev	.0467	.184	.00170	.00053	.01018	.00161	.00537
%RSD	.74565	.43133	.98504	3.6038	1.3216	.57574	.71895

#1	6.3076	42.558	.17016	-.01488	.77022	.27988	.74449
#2	6.2144	42.521	.17296	-.01412	.75987	.27997	.74419
#3	6.2556	42.857	.17321	-.01514	.78022	.27714	.75364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3155	.00414	.12657	1.4862	4.8043	.02148	2.3286
Stddev	.0553	.00035	.01254	.0225	.0645	.00173	.0060
%RSD	.75539	8.5143	9.9096	1.5146	1.3424	8.0680	.25845

#1	7.3690	.00429	.13550	1.5090	4.8227	.01960	2.3272
#2	7.2586	.00440	.11223	1.4640	4.8575	.02184	2.3352
#3	7.3188	.00374	.13197	1.4855	4.7326	.02301	2.3235

Sample Name: K1620-08 Acquired: 2/26/2019 19:46:24 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-04 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14609	9.620	-.19661	<.00000	F<.00000
Stddev	.00191	.039	.00108	.13799	2.1552
%RSD	1.3084	.4020	.54983	5.3791	.38932

#1	.14437	9.599	-.19770	-2.4445	-554.46
#2	.14815	9.596	-.19660	-2.7156	-551.12
#3	.14577	9.664	-.19554	-2.5354	-555.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.4	49397.	5207.6	16.598	3240.8
Stddev	10.1	54.	10.9	2.052	20.1
%RSD	.24982	.10845	.20952	12.361	.62033

#1	4053.7	49335.	5216.1	18.950	3251.9
#2	4052.8	49424.	5195.3	15.669	3252.9
#3	4035.8	49431.	5211.4	15.176	3217.6

Sample Name: K1620-10 Acquired: 2/26/2019 19:50:59 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03646	-.06888	1.1140	.01786	-.03882	158.28	.90710
Stddev	.00293	.00579	.0164	.00723	.00153	3.41	.08700
%RSD	8.0266	8.4064	1.4769	40.494	3.9293	2.1551	9.5907

#1	.03544	-.06364	1.1123	.02039	-.03737	156.52	.88673
#2	.03976	-.06792	1.0985	.02348	-.03867	162.21	1.0025
#3	.03419	-.07510	1.1312	.00970	-.04041	156.12	.83209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02192	-.00017	22.910	.13658	.14941	.33597	290.57
Stddev	.00015	.00257	2.025	.00229	.00157	.00447	21.65
%RSD	.68280	1526.9	8.8402	1.6756	1.0531	1.3297	7.4518

#1	.02206	-.00019	22.354	.13708	.14848	.33601	288.76
#2	.02194	-.00272	25.155	.13408	.14853	.33148	313.08
#3	.02176	.00241	21.221	.13858	.15123	.34041	269.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8433	53.232	.20185	-.01968	1.4608	.33377	1.3890
Stddev	.0559	4.739	.00196	.00299	.1442	.00148	.0126
%RSD	.63183	8.9030	.97082	15.189	9.8695	.44436	.90793

#1	8.8083	51.938	.20066	-.01960	1.4207	.33436	1.3863
#2	8.9078	58.483	.20078	-.01672	1.6208	.33487	1.3779
#3	8.8139	49.273	.20411	-.02270	1.3410	.33208	1.4027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7274	.00398	.14527	1.6598	3.8287	.45776	3.3642
Stddev	.6636	.00037	.00837	.0306	.2415	.00336	.2800
%RSD	7.6040	9.2347	5.7589	1.8436	6.3062	.73455	8.3229

#1	8.5395	.00408	.14409	1.6368	3.7889	.45391	3.2646
#2	9.4648	.00358	.15416	1.6480	4.0876	.45924	3.6804
#3	8.1781	.00429	.13755	1.6945	3.6097	.46013	3.1477

Sample Name: K1620-10 Acquired: 2/26/2019 19:50:59 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-05 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16843	F 10.88	-.22992	<.00000	F<.00000
Stddev	.01437	.04	.01642	.16354	4.4016
%RSD	8.5337	.3215	7.1415	3.7910	.62104
#1	.16290	10.85	-.23061	-4.4540	-708.55
#2	.18475	10.87	-.24598	-4.1341	-704.45
#3	.15764	10.92	-.21316	-4.3531	-713.25
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4173.7	51007.	5266.7	16.884	3175.0
Stddev	5.0	227.	385.6	2.479	15.4
%RSD	.12036	.44431	7.3223	14.681	.48596
#1	4179.2	50965.	5314.9	17.940	3185.0
#2	4172.7	50804.	4859.2	14.052	3182.8
#3	4169.3	51251.	5625.9	18.660	3157.2

Sample Name: K1603-08 Acquired: 2/26/2019 19:55:34 Type: Unk
Method: P4-ICP2(v2892) 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	.00165	.00016	.00652	.00184	.00140	.05895	.01769	-.00002
Stddev	.00082	.00043	.00012	.00381	.00134	.00570	.00088	.00006
%RSD	49.873	260.81	1.8206	206.83	95.473	9.6692	4.9668	283.70

#1	.00247	-.00030	.00652	-.00223	.00006	.06111	.01668	.00003
#2	.00166	.00054	.00664	.00531	.00142	.06325	.01811	-.00008
#3	.00082	.00025	.00640	.00244	.00273	.05248	.01827	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	13.179	.00092	.00507	.00271	.02570	.01914	4.4949
Stddev	.00017	.083	.00043	.00005	.00067	.00286	.00012	.0742
%RSD	854.68	.62912	46.467	.94980	24.889	11.133	.63310	1.6509

#1	.00022	13.092	.00069	.00501	.00262	.02899	.01927	4.5389
#2	-.00011	13.258	.00065	.00508	.00342	.02436	.01911	4.5366
#3	-.00005	13.187	.00141	.00511	.00208	.02376	.01904	4.4092

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00133	49.905	.00041	.01713	3.1648	-.00001	.07947
Stddev	.00011	.00041	.085	.00034	.00003	.0748	.00028	.00617
%RSD	1.6281	30.606	.17106	83.646	.16430	2.3625	2729.2	7.7577

#1	.00671	.00118	49.890	.00021	.01715	3.0923	-.00033	.08647
#2	.00652	.00102	49.997	.00021	.01710	3.2417	.00008	.07713
#3	.00653	.00179	49.828	.00080	.01715	3.1603	.00021	.07482

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7313	7.2732	-.00074	.00005	.00646	-.0012	.05835	5.4160
Stddev	.0333	.0649	.00017	.00169	.00124	.0008	.00025	.2520
%RSD	.70442	.89252	22.883	3087.5	19.141	62.09	.42157	4.6532

#1	4.7326	7.3482	-.00061	-.00015	.00719	-.0004	.05812	5.1370
#2	4.7640	7.2363	-.00093	.00184	.00503	-.0020	.05832	5.4837
#3	4.6974	7.2352	-.00068	-.00153	.00715	-.0013	.05861	5.6272

Sample Name: K1603-08 Acquired: 2/26/2019 19:55:34 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1422
 Stddev 1.5380
 %RSD 29.910

#1 5.3622
 #2 6.5584
 #3 3.5060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3351.8	41401.	4134.4	17.571	3558.2
Stddev	2.4	46.	26.8	2.050	10.4
%RSD	.07083	.11207	.64764	11.667	.29349

#1	3351.9	41362.	4105.4	15.309	3551.3
#2	3354.1	41388.	4139.6	18.099	3553.0
#3	3349.4	41452.	4158.2	19.306	3570.2

Sample Name: K1603-08DUP Acquired: 2/26/2019 20:00:00 Type: Unk
Method: P4-ICP2(v2892) 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	.00015	-.00122	.00655	.00305	.00153	.03505	.01722	.00005
Stddev	.00044	.00158	.00091	.00039	.00118	.00271	.00471	.00006
%RSD	290.75	128.78	13.929	12.933	77.189	7.7444	27.335	135.37

#1	.00044	-.00195	.00597	.00259	.00028	.03321	.01232	.00010
#2	.00036	-.00231	.00760	.00331	.00169	.03377	.02171	-.00002
#3	-.00035	.00058	.00608	.00324	.00262	.03817	.01764	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	12.917	.00091	.00521	.00252	.01687	.01863	4.3697
Stddev	.00008	.044	.00011	.00016	.00011	.00318	.00010	.0472
%RSD	9987.5	.33681	12.184	3.0100	4.3643	18.839	.52846	1.0796

#1	.00000	12.877	.00086	.00539	.00265	.01367	.01874	4.3161
#2	-.00008	12.910	.00104	.00509	.00245	.02002	.01855	4.3880
#3	.00008	12.964	.00083	.00515	.00247	.01692	.01860	4.4049

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	.00141	49.142	.00013	.01654	3.0400	.00002	.07429
Stddev	.00051	.00010	.070	.00021	.00026	.0636	.00031	.00619
%RSD	7.8823	6.8761	.14298	160.94	1.5711	2.0923	1313.6	8.3254

#1	.00685	.00149	49.089	-.00009	.01636	3.0354	-.00028	.07193
#2	.00588	.00130	49.114	.00032	.01684	3.1057	.00034	.06963
#3	.00661	.00143	49.222	.00016	.01642	2.9788	.00002	.08131

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6308	7.1734	.00017	-.00131	.00824	-.0018	.05699	4.5856
Stddev	.0112	.0527	.00030	.00150	.00173	.0017	.00019	.2247
%RSD	.24271	.73501	174.34	114.85	21.029	95.60	.32655	4.8994

#1	4.6424	7.1830	-.00014	-.00116	.00658	.0001	.05690	4.3803
#2	4.6199	7.1166	.00020	-.00288	.00811	-.0023	.05688	4.8256
#3	4.6301	7.2207	.00047	.00011	.01004	-.0033	.05721	4.5511

Sample Name: K1603-08DUP Acquired: 2/26/2019 20:00:00 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9746
Stddev .5598
%RSD 14.083

#1 3.5542
#2 4.6100
#3 3.7597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.1	42196.	4159.8	18.882	3593.8
Stddev	13.9	126.	12.2	1.857	8.1
%RSD	.40895	.29945	.29404	9.8335	.22540

#1	3386.7	42066.	4151.3	17.270	3585.6
#2	3378.3	42203.	4173.8	20.912	3594.1
#3	3405.4	42319.	4154.3	18.465	3601.8

Sample Name: K1603-08LX5 Acquired: 2/26/2019 20:04:26 Type: Unk
Method: P4-ICP2(v2892) 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	.00491	-.00025	.00298	.00348	-.00084	-.00480	-.00047	.00003
Stddev	.00139	.00164	.00080	.00160	.00053	.01226	.00084	.00008
%RSD	28.395	663.49	26.682	45.981	63.639	255.29	178.15	289.81

#1	.00432	.00156	.00210	.00533	-.00053	.00903	-.00026	.00001
#2	.00390	-.00164	.00365	.00251	-.00054	-.01431	-.00139	-.00004
#3	.00650	-.00067	.00320	.00260	-.00146	-.00913	.00024	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	2.7583	.00160	.00115	.00129	.01184	.00413	.93551
Stddev	.00002	.0155	.00032	.00006	.00054	.00070	.00003	.00934
%RSD	11.647	.56055	20.172	5.3270	42.081	5.9513	.80926	.99875

#1	.00019	2.7650	.00196	.00121	.00192	.01264	.00413	.94135
#2	.00018	2.7692	.00134	.00114	.00100	.01156	.00417	.92474
#3	.00022	2.7406	.00149	.00109	.00096	.01132	.00410	.94045

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.00106	10.511	.00010	.00328	.69329	-.00024	.00726
Stddev	.00027	.00039	.105	.00030	.00010	.04229	.00037	.00682
%RSD	18.555	36.660	1.0015	291.19	3.1486	6.0995	150.72	93.959

#1	.00179	.00118	10.581	.00036	.00329	.66094	-.00011	.01499
#2	.00133	.00062	10.563	.00016	.00338	.67780	.00004	.00208
#3	.00131	.00136	10.390	-.00022	.00317	.74114	-.00066	.00471

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0322	1.6070	-.00031	-.00085	.00317	-.0016	.01208	3.8396
Stddev	.0063	.0075	.00085	.00241	.00329	.0003	.00005	.1616
%RSD	.61260	.46506	271.51	284.54	103.73	18.28	.38975	4.2100

#1	1.0392	1.6146	-.00073	-.00087	.00047	-.0018	.01209	3.8391
#2	1.0268	1.6068	-.00087	-.00324	.00683	-.0018	.01212	3.6782
#3	1.0306	1.5997	.00066	.00158	.00220	-.0013	.01203	4.0015

Sample Name: K1603-08LX5 Acquired: 2/26/2019 20:04:26 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.84574
Stddev	.91253
%RSD	107.90

#1	1.5051
#2	-.19575
#3	1.2279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.2	43402.	4227.4	17.728	3759.6
Stddev	8.2	182.	44.7	.518	2.9
%RSD	.23521	.41925	1.0577	2.9199	.07678

#1	3479.3	43265.	4194.6	17.492	3758.6
#2	3466.9	43333.	4209.3	18.321	3757.5
#3	3482.4	43609.	4278.4	17.369	3762.9

Sample Name: K1603-08MS Acquired: 2/26/2019 20:08:53 Type: Unk
Method: P4-ICP2(v2892) 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	.86246	2.1819	1.0684	2.1257	.88362	2.0390	.24680
Stddev	.00538	.0041	.0057	.0051	.00352	.0157	.00312
%RSD	.62386	.18876	.53712	.23901	.39791	.76983	1.2624

#1	.85703	2.1773	1.0621	2.1217	.88154	2.0229	.25018
#2	.86779	2.1853	1.0734	2.1314	.88768	2.0542	.24620
#3	.86256	2.1830	1.0696	2.1240	.88164	2.0399	.24403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21644	.20969	15.495	.43760	.22551	.33651	3.6468
Stddev	.00033	.00100	.124	.00074	.00062	.00134	.0297
%RSD	.15076	.47549	.80017	.16836	.27534	.39677	.81510

#1	.21607	.20910	15.471	.43725	.22498	.33530	3.6707
#2	.21669	.21084	15.385	.43845	.22620	.33794	3.6135
#3	.21656	.20912	15.629	.43711	.22536	.33628	3.6561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23754	7.1068	.53673	.07662	57.943	.33094	.23492
Stddev	.00045	.0483	.00263	.00007	.411	.00116	.00074
%RSD	.19040	.67940	.49033	.09425	.71014	.35079	.31694

#1	.23706	7.1278	.53565	.07659	58.130	.33072	.23434
#2	.23796	7.1410	.53973	.07670	57.471	.32991	.23576
#3	.23760	7.0516	.53482	.07657	58.228	.33220	.23467

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.162	.45698	.37947	5.2302	8.9701	.69617	.21300
Stddev	.036	.00097	.00652	.0251	.0355	.00208	.00375
%RSD	.25478	.21286	1.7193	.48028	.39519	.29867	1.7619

#1	14.171	.45593	.38664	5.2220	9.0061	.69408	.21328
#2	14.123	.45716	.37790	5.2584	8.9352	.69823	.20911
#3	14.194	.45786	.37388	5.2103	8.9691	.69620	.21660

Sample Name: K1603-08MS Acquired: 2/26/2019 20:08:53 Type: Unk
Method: P4-ICP2(v2892) 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	.23246	6.019	.27769	5.1284	F<.00000
Stddev	.00329	.023	.00081	.3372	.36397
%RSD	1.4140	.3835	.29310	6.5750	5.0856

#1	.23508	6.011	.27707	5.4725	-7.5261
#2	.22877	6.045	.27739	5.1142	-7.1464
#3	.23352	6.000	.27861	4.7986	-6.7984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.2	42186.	4151.6	18.124	3512.6
Stddev	13.2	74.	38.6	.756	5.2
%RSD	.39209	.17617	.92922	4.1702	.14886

#1	3371.0	42107.	4110.7	17.832	3509.2
#2	3388.8	42198.	4187.3	18.982	3518.6
#3	3363.0	42254.	4156.9	17.557	3509.8

Sample Name: K1603-08MSD Acquired: 2/26/2019 20:12:59 Type: Unk
Method: P4-ICP2(v2892) 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	.86522	2.1980	1.0753	2.1444	.88571	2.1002	.24928
Stddev	.00602	.0091	.0031	.0024	.00582	.0258	.00288
%RSD	.69628	.41537	.28775	.11290	.65702	1.2288	1.1570

#1	.86385	2.2052	1.0785	2.1467	.88468	2.0785	.24744
#2	.87181	2.2011	1.0723	2.1445	.89197	2.0933	.24781
#3	.85999	2.1877	1.0751	2.1419	.88047	2.1287	.25261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22005	.21230	15.635	.44297	.22796	.33923	3.6471
Stddev	.00015	.00027	.065	.00053	.00061	.00221	.0264
%RSD	.06851	.12928	.41802	.11990	.26647	.65055	.72501

#1	.22018	.21257	15.576	.44251	.22851	.34158	3.6662
#2	.21989	.21229	15.625	.44355	.22807	.33891	3.6581
#3	.22010	.21202	15.705	.44283	.22730	.33720	3.6169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24096	7.1642	.54220	.07818	58.249	.33546	.23670
Stddev	.00040	.0464	.00104	.00100	.098	.00089	.00065
%RSD	.16757	.64837	.19257	1.2736	.16765	.26622	.27482

#1	.24105	7.1112	.54308	.07922	58.285	.33444	.23740
#2	.24052	7.1838	.54246	.07809	58.138	.33584	.23661
#3	.24132	7.1977	.54104	.07723	58.323	.33611	.23611

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.319	.45909	.39472	5.2520	8.9560	.70210	.21259
Stddev	.104	.00149	.00531	.0282	.0670	.00141	.00328
%RSD	.72756	.32418	1.3459	.53596	.74834	.20023	1.5417

#1	14.338	.46054	.40040	5.2657	8.9995	.70351	.21226
#2	14.207	.45915	.39387	5.2706	8.9896	.70070	.20949
#3	14.413	.45757	.38988	5.2196	8.8788	.70209	.21602

Sample Name: K1603-08MSD Acquired: 2/26/2019 20:12:59 Type: Unk
Method: P4-ICP2(v2892) 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	.23864	6.076	.27681	5.1237	F<.00000
Stddev	.00133	.023	.00059	.1066	1.0963
%RSD	.55617	.3735	.21204	2.0813	16.231

#1	.23766	6.096	.27739	5.1517	-5.6713
#2	.23811	6.082	.27622	5.0058	-6.7286
#3	.24015	6.051	.27683	5.2135	-7.8635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.5	42191.	4206.9	18.677	3534.6
Stddev	17.6	138.	25.3	.739	11.5
%RSD	.51754	.32687	.60166	3.9564	.32497

#1	3391.6	42093.	4180.4	18.831	3523.3
#2	3397.4	42349.	4209.5	17.873	3534.1
#3	3424.6	42132.	4230.8	19.326	3546.3

Sample Name: K1603-08A Acquired: 2/26/2019 20:17:05 Type: Unk
Method: P4-ICP2(v2892) 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	.85856	2.1811	1.0665	2.1233	.88430	2.0469	.24733
Stddev	.00494	.0121	.0086	.0048	.00451	.0113	.00262
%RSD	.57524	.55252	.80833	.22783	.50945	.55204	1.0613

#1	.85652	2.1674	1.0567	2.1183	.87928	2.0384	.24894
#2	.86420	2.1860	1.0729	2.1238	.88564	2.0426	.24430
#3	.85498	2.1900	1.0699	2.1279	.88799	2.0597	.24875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21715	.20971	15.495	.43753	.22544	.33632	3.6483
Stddev	.00067	.00135	.028	.00180	.00126	.00054	.0313
%RSD	.30740	.64301	.18014	.41079	.55911	.16059	.85722

#1	.21702	.20817	15.489	.43784	.22404	.33600	3.6833
#2	.21656	.21029	15.470	.43560	.22648	.33694	3.6388
#3	.21787	.21067	15.525	.43915	.22580	.33602	3.6229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23821	7.0510	.53665	.07635	57.946	.33177	.23387
Stddev	.00103	.0559	.00434	.00107	.290	.00217	.00227
%RSD	.43330	.79325	.80849	1.4076	.50040	.65497	.97252

#1	.23797	7.0663	.53168	.07750	58.096	.32930	.23129
#2	.23731	7.0977	.53969	.07615	58.130	.33267	.23560
#3	.23934	6.9890	.53857	.07538	57.612	.33335	.23471

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.192	.45525	.38452	5.2178	8.9582	.69615	.21145
Stddev	.004	.00236	.00728	.0281	.0948	.00394	.00378
%RSD	.03161	.51761	1.8935	.53873	1.0581	.56610	1.7860

#1	14.187	.45308	.37728	5.1912	9.0665	.69162	.21577
#2	14.195	.45776	.39184	5.2472	8.9180	.69877	.20876
#3	14.193	.45491	.38445	5.2151	8.8902	.69807	.20984

Sample Name: K1603-08A Acquired: 2/26/2019 20:17:05 Type: Unk
 Method: P4-ICP2(v2892) 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	.23750	6.013	.27524	4.8784	F<.00000
Stddev	.00087	.044	.00120	.1078	1.0128
%RSD	.36669	.7380	.43605	2.2105	13.834
#1	.23743	5.963	.27642	4.9957	-7.8611
#2	.23667	6.046	.27526	4.8559	-6.1527
#3	.23841	6.030	.27402	4.7836	-7.9492
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.3	42565.	4199.8	16.485	3557.4
Stddev	3.5	45.	44.8	1.159	21.1
%RSD	.10159	.10615	1.0664	7.0331	.59183
#1	3422.6	42614.	4151.3	17.373	3581.7
#2	3417.3	42559.	4208.6	16.909	3543.9
#3	3423.8	42524.	4239.6	15.173	3546.7

Sample Name: CCV09 Acquired: 2/26/2019 20:21:12 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0891	5.1350	5.0820	5.0768	5.1341	9.3475	10.192	.25983
Stddev	.0062	.0266	.0176	.0112	.0146	.0241	.032	.00033
%RSD	.12233	.51707	.34663	.21996	.28361	.25749	.31288	.12561
#1	5.0928	5.1216	5.0791	5.0884	5.1506	9.3197	10.227	.26016
#2	5.0926	5.1178	5.0660	5.0758	5.1283	9.3618	10.164	.25982
#3	5.0820	5.1656	5.1009	5.0661	5.1233	9.3611	10.184	.25951
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5141	25.486	1.0011	2.5334	1.2580	5.4790	2.4835	25.407
Stddev	.0061	.166	.0008	.0048	.0008	.0327	.0068	.135
%RSD	.24260	.64957	.08404	.18917	.06374	.59724	.27509	.53083
#1	2.5140	25.452	1.0009	2.5323	1.2575	5.5085	2.4878	25.270
#2	2.5080	25.340	1.0003	2.5293	1.2589	5.4438	2.4872	25.410
#3	2.5202	25.666	1.0020	2.5387	1.2575	5.4845	2.4757	25.540
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4625	1.2655	25.371	2.4818	2.5789	24.611	5.2537	4.7178
Stddev	.0038	.0042	.084	.0037	.0066	.203	.0098	.0234
%RSD	.15432	.33535	.32920	.14773	.25489	.82568	.18693	.49565
#1	2.4644	1.2704	25.442	2.4849	2.5788	24.838	5.2620	4.7188
#2	2.4582	1.2634	25.279	2.4778	2.5724	24.446	5.2562	4.6939
#3	2.4651	1.2626	25.393	2.4828	2.5855	24.547	5.2429	4.7407
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8386	5.2212	4.8598	5.1160	4.8581	4.918	4.9968	F 5.9003
Stddev	.0343	.0136	.0160	.0289	.0216	.016	.0191	.1631
%RSD	.70876	.26082	.32998	.56463	.44473	.3318	.38254	2.7648
#1	4.8115	5.2306	4.8612	5.1003	4.8829	4.899	5.0160	6.0068
#2	4.8772	5.2056	4.8431	5.0984	4.8429	4.928	4.9778	5.7125
#3	4.8271	5.2274	4.8751	5.1493	4.8487	4.926	4.9966	5.9816

Sample Name: CCV09 Acquired: 2/26/2019 20:21:12 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4755
Stddev .7056
%RSD 28.504

#1 2.9084
#2 1.6612
#3 2.8568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.7	41476.	4142.0	17.551	3384.5
Stddev	8.0	97.	18.3	1.692	14.5
%RSD	.23488	.23301	.44262	9.6409	.42878

#1	3383.7	41377.	4122.8	18.296	3384.5
#2	3399.6	41479.	4159.3	18.743	3399.1
#3	3391.7	41571.	4144.1	15.615	3370.0

Sample Name: CCB09 Acquired: 2/26/2019 20:25:11 Type: Unk
Method: P4-ICP2(v2892) 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	.00110	.00145	.00098	.00261	.00050	-.02272	-.00758	.00008
Stddev	.00066	.00071	.00119	.00132	.00064	.02058	.00459	.00009
%RSD	60.483	48.717	121.09	50.431	128.62	90.566	60.565	115.71
#1	.00174	.00214	.00116	.00385	.00019	-.04031	-.00479	.00007
#2	.00114	.00073	.00207	.00123	.00007	-.00009	-.00506	.00017
#3	.00041	.00149	-.00029	.00276	.00123	-.02775	-.01287	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00813	-.00009	.00010	-.00033	.00597	.00008	-.01013
Stddev	.00008	.00215	.00017	.00010	.00052	.00090	.00011	.00861
%RSD	35.288	26.411	187.05	103.26	159.23	15.109	136.24	85.047
#1	.00018	-.00573	.00007	.00014	.00014	.00698	.00020	-.01325
#2	.00018	-.00986	-.00007	-.00002	-.00089	.00522	-.00002	-.01674
#3	.00032	-.00881	-.00026	.00017	-.00023	.00573	.00007	-.00039
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00097	-.02295	.00031	.00070	.10143	.00003	-.00824
Stddev	.00012	.00044	.01357	.00026	.00015	.04396	.00011	.00630
%RSD	155.27	45.852	59.134	83.479	21.900	43.338	348.08	76.472
#1	.00003	.00137	-.03818	.00056	.00068	.06895	.00016	-.01385
#2	-.00006	.00049	-.01211	.00032	.00086	.08388	-.00001	-.00943
#3	-.00020	.00105	-.01858	.00004	.00055	.15145	-.00006	-.00143
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04651	.00115	.00013	-.00016	.00418	-.0011	-.00005	F 3.4893
Stddev	.00901	.00134	.00039	.00041	.00352	.0013	.00013	.1887
%RSD	19.376	116.37	297.93	250.35	84.138	120.4	272.61	5.4069
#1	.04053	.00269	-.00029	-.00056	.00461	-.0005	-.00012	3.6465
#2	.05687	.00043	.00022	.00026	.00747	-.0026	-.00013	3.5412
#3	.04212	.00033	.00047	-.00019	.00047	-.0002	.00010	3.2801

Sample Name: CCB09 Acquired: 2/26/2019 20:25:11 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .03960
Stddev .63037
%RSD 1591.8

#1 .63734
#2 -.61899
#3 .10045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.3	43844.	4238.0	18.053	3859.0
Stddev	9.2	47.	27.3	1.875	4.1
%RSD	.25923	.10819	.64397	10.386	.10640

#1	3532.6	43791.	4221.3	18.867	3860.0
#2	3535.6	43859.	4223.2	15.908	3854.5
#3	3549.8	43883.	4269.5	19.383	3862.5

Sample Name: K1603-15 Acquired: 2/26/2019 20:29:38 Type: Unk
Method: P4-ICP2(v2892) 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	-.00132	-.00104	.00572	.00213	.00079	.03390	.01482	-.00001
Stddev	.00206	.00061	.00021	.00300	.00234	.01121	.00136	.00003
%RSD	156.30	58.486	3.6530	140.73	295.41	33.068	9.1855	404.98

#1	-.00336	-.00083	.00548	.00508	-.00075	.04527	.01418	.00002
#2	-.00134	-.00172	.00578	.00223	.00349	.03357	.01638	-.00005
#3	.00075	-.00056	.00589	-.00092	-.00036	.02286	.01390	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	14.081	.00117	.00571	.00228	.01321	.02032	4.7362
Stddev	.00005	.072	.00054	.00029	.00011	.00069	.00015	.0189
%RSD	56.579	.51434	45.685	5.0205	4.9517	5.2490	.75476	.39926

#1	.00007	14.047	.00154	.00549	.00227	.01247	.02044	4.7578
#2	.00015	14.033	.00143	.00603	.00240	.01385	.02015	4.7223
#3	.00005	14.165	.00056	.00560	.00217	.01330	.02036	4.7286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00686	.00156	53.603	.00051	.01717	3.3857	.00666	.08283
Stddev	.00045	.00010	.104	.00037	.00013	.0102	.00030	.00624
%RSD	6.6062	6.5702	.19459	73.538	.75194	.30133	4.5161	7.5314

#1	.00640	.00157	53.689	.00014	.01710	3.3755	.00686	.08007
#2	.00688	.00166	53.487	.00050	.01709	3.3858	.00632	.07844
#3	.00731	.00146	53.634	.00088	.01732	3.3959	.00682	.08997

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1570	7.8008	-.00033	-.00093	.00630	-.0012	.06225	4.7743
Stddev	.0877	.0825	.00164	.00176	.00266	.0009	.00012	.2646
%RSD	1.7002	1.0572	503.22	188.98	42.300	80.25	.18588	5.5429

#1	5.2470	7.8879	-.00029	-.00096	.00415	-.0020	.06226	4.4804
#2	5.1521	7.7239	-.00198	.00084	.00547	-.0002	.06213	4.9938
#3	5.0718	7.7906	.00130	-.00268	.00928	-.0013	.06236	4.8486

Sample Name: K1603-15 Acquired: 2/26/2019 20:29:38 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8290
 Stddev .7739
 %RSD 20.212

#1 3.9271
 #2 3.0106
 #3 4.5491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3397.9	42143.	4191.1	17.475	3580.6
Stddev	4.2	47.	33.2	1.502	17.8
%RSD	.12223	.11044	.79261	8.5964	.49588

#1	3402.7	42089.	4154.6	19.171	3571.2
#2	3395.2	42169.	4219.7	16.311	3569.4
#3	3395.9	42171.	4198.9	16.943	3601.0

Sample Name: K1587-01 Acquired: 2/26/2019 20:34:04 Type: Unk
Method: P4-ICP2(v2892) 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	.00685	-.00402	.05052	.00191	-.00445	4.7003	.18869
Stddev	.00365	.00072	.00050	.00045	.00148	.0401	.00125
%RSD	53.351	17.866	.99905	23.446	33.308	.85281	.66107

#1	.00426	-.00441	.05029	.00240	-.00275	4.7346	.18978
#2	.01103	-.00319	.05018	.00154	-.00519	4.6562	.18896
#3	.00526	-.00447	.05110	.00177	-.00542	4.7101	.18733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00088	52.264	.00602	.00656	.01421	19.107
Stddev	.00010	.00003	.138	.00037	.00002	.00011	.119
%RSD	8.6679	3.5819	.26436	6.1136	.28857	.74355	.62475

#1	.00120	-.00087	52.316	.00621	.00653	.01409	19.147
#2	.00112	-.00092	52.369	.00560	.00656	.01423	19.201
#3	.00100	-.00086	52.107	.00626	.00657	.01430	18.973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0791	23.169	.02466	.00007	92.491	.01010	.12998
Stddev	.0045	.285	.00002	.00105	.199	.00027	.00066
%RSD	.41965	1.2302	.09296	1534.9	.21488	2.6661	.50952

#1	1.0793	23.460	.02468	.00115	92.468	.01041	.12999
#2	1.0745	23.155	.02467	-.00001	92.700	.00992	.13064
#3	1.0836	22.891	.02464	-.00094	92.304	.00998	.12931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.231	.00302	.15083	F 10.136	F 12.977	-.00016	.21576
Stddev	.063	.00027	.01603	.091	.066	.00083	.00137
%RSD	.61485	8.9366	10.630	.90160	.51215	504.49	.63633

#1	10.246	.00328	.14524	10.041	12.975	.00026	.21667
#2	10.286	.00303	.16891	10.224	13.044	.00037	.21418
#3	10.163	.00274	.13834	10.143	12.911	-.00112	.21642

Sample Name: K1587-01 Acquired: 2/26/2019 20:34:04 Type: Unk
 Method: P4-ICP2(v2892) 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	.02210	.3948	.25315	4.3263	F<.00000
Stddev	.00152	.0033	.00165	.3460	1.0085
%RSD	6.8738	.8319	.65047	7.9970	4.6453
#1	.02267	.3911	.25450	4.4757	-20.589
#2	.02325	.3961	.25364	4.5724	-22.543
#3	.02038	.3973	.25131	3.9307	-21.999
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.2	42932.	4342.1	19.127	3522.1
Stddev	2.9	99.	32.1	.382	13.0
%RSD	.08227	.22982	.73912	1.9970	.36786
#1	3479.3	42839.	4327.7	18.725	3531.1
#2	3475.8	43035.	4319.8	19.485	3507.3
#3	3473.6	42922.	4378.9	19.172	3527.9

Sample Name: K1591-01 Acquired: 2/26/2019 20:38:27 Type: Unk
Method: P4-ICP2(v2892) 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	.00223	.00068	.01467	.00317	-.00068	.01261	-.00932	.00008
Stddev	.00142	.00113	.00128	.00255	.00157	.00574	.00313	.00002
%RSD	63.585	166.91	8.7317	80.410	230.97	45.561	33.601	30.632
#1	.00084	.00124	.01575	.00142	-.00057	.00598	-.01126	.00011
#2	.00367	-.00062	.01501	.00609	.00083	.01611	-.00571	.00006
#3	.00219	.00141	.01325	.00199	-.00230	.01573	-.01100	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	1.6666	.00107	.00011	.00348	.09557	.00166	.94068
Stddev	.00010	.0065	.00019	.00004	.00051	.00296	.00006	.10396
%RSD	39.910	.39057	18.279	33.993	14.750	3.0939	3.3531	11.051
#1	.00036	1.6724	.00103	.00013	.00358	.09877	.00170	.82633
#2	.00027	1.6678	.00089	.00007	.00292	.09294	.00160	.96624
#3	.00016	1.6596	.00128	.00014	.00394	.09500	.00169	1.0295
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	.00091	.19970	-.00001	.06792	.20801	-.00032	.00868
Stddev	.00028	.00041	.00755	.00026	.00037	.01442	.00026	.00966
%RSD	21.525	44.927	3.7809	2710.5	.55146	6.9345	81.762	111.22
#1	.00146	.00082	.19371	-.00028	.06779	.19517	-.00062	.01598
#2	.00096	.00135	.19722	.00022	.06763	.20523	-.00022	-.00227
#3	.00143	.00055	.20818	.00003	.06834	.22362	-.00013	.01233
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10514	F 14.574	-.00001	-.00128	.00108	.0016	.00249	2.2296
Stddev	.00514	.147	.00026	.00163	.00132	.0009	.00007	.1231
%RSD	4.8884	1.0087	4722.2	128.06	122.29	53.58	2.9987	5.5230
#1	.11105	14.704	-.00028	-.00182	.00054	.0008	.00257	2.1891
#2	.10272	14.602	.00004	.00056	.00259	.0015	.00242	2.1317
#3	.10166	14.415	.00023	-.00257	.00012	.0025	.00248	2.3678

Sample Name: K1591-01 Acquired: 2/26/2019 20:38:27 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .11743
Stddev 1.0552
%RSD 898.59

#1 -1.0437
#2 .37812
#3 1.0179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.6	45986.	4443.3	19.011	4123.9
Stddev	5.9	136.	34.7	.338	3.4
%RSD	.15802	.29538	.78083	1.7764	.08281

#1	3714.6	46127.	4416.4	18.842	4120.1
#2	3713.3	45975.	4431.0	18.792	4124.9
#3	3703.8	45856.	4482.5	19.400	4126.7

Sample Name: K1591-01DUP Acquired: 2/26/2019 20:42:53 Type: Unk
Method: P4-ICP2(v2892) 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	.00174	.00172	.01770	.00292	-.00078	-.00233	-.00867	.00004
Stddev	.00428	.00074	.00089	.00080	.00064	.00790	.00615	.00009
%RSD	246.51	43.027	5.0399	27.398	81.706	339.06	70.949	192.88
#1	.00372	.00230	.01719	.00237	-.00149	-.00052	-.01497	.00007
#2	-.00318	.00199	.01717	.00255	-.00060	-.01098	-.00834	-.00005
#3	.00467	.00089	.01873	.00383	-.00025	.00451	-.00269	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	1.9370	.00026	-.00008	.00382	.10164	.00165	1.0801
Stddev	.00002	.0277	.00055	.00009	.00022	.00088	.00001	.0469
%RSD	8.1185	1.4303	210.42	122.95	5.7865	.86490	.89373	4.3420
#1	.00026	1.9409	-.00037	.00002	.00406	.10062	.00166	1.0347
#2	.00030	1.9075	.00053	-.00009	.00362	.10209	.00163	1.1284
#3	.00030	1.9625	.00062	-.00016	.00379	.10220	.00165	1.0771
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	.00088	.21969	-.00023	.07403	.20814	-.00035	.00458
Stddev	.00026	.00037	.01316	.00075	.00011	.04264	.00013	.00080
%RSD	28.783	41.632	5.9899	322.18	.14823	20.486	37.421	17.461
#1	.00097	.00112	.20914	.00049	.07391	.25005	-.00047	.00390
#2	.00061	.00107	.21550	-.00018	.07411	.16481	-.00036	.00437
#3	.00111	.00046	.23443	-.00100	.07408	.20955	-.00021	.00546
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13311	F 16.995	-.00037	-.00093	.00052	.0016	.00285	2.3352
Stddev	.01836	.179	.00035	.00120	.00291	.0005	.00008	.1491
%RSD	13.796	1.0550	96.870	129.14	560.29	33.02	2.8819	6.3863
#1	.12264	17.144	-.00023	-.00038	.00335	.0011	.00286	2.2813
#2	.12237	16.796	-.00010	-.00230	-.00246	.0015	.00292	2.5038
#3	.15431	17.044	-.00077	-.00010	.00066	.0021	.00276	2.2205

Sample Name: K1591-01DUP Acquired: 2/26/2019 20:42:53 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.16814
Stddev	1.1481
%RSD	682.84

#1	-.64719
#2	-.32955
#3	1.4812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.6	45675.	4466.9	21.419	4085.6
Stddev	1.6	234.	24.7	.651	4.9
%RSD	.04282	.51203	.55366	3.0399	.12114

#1	3669.0	45944.	4447.8	22.092	4080.3
#2	3670.6	45530.	4494.8	21.375	4090.2
#3	3672.1	45549.	4458.1	20.792	4086.2

Sample Name: K1591-01LX5 Acquired: 2/26/2019 20:47:19 Type: Unk
Method: P4-ICP2(v2892) 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	.00070	.00020	.00258	.00593	-.00029	-.00845	-.00870	.00006
Stddev	.00162	.00046	.00072	.00159	.00410	.00387	.00379	.00004
%RSD	232.37	236.50	28.017	26.880	1389.4	45.767	43.595	73.249

#1	.00006	-.00025	.00208	.00666	.00443	-.01236	-.01014	.00001
#2	-.00051	.00068	.00225	.00410	-.00259	-.00463	-.01157	.00007
#3	.00254	.00016	.00341	.00703	-.00272	-.00835	-.00440	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.40194	.00007	.00007	.00108	.02486	.00038	.20539
Stddev	.00003	.01427	.00032	.00011	.00024	.00079	.00006	.06252
%RSD	15.974	3.5504	444.15	168.14	22.403	3.1648	16.275	30.440

#1	.00020	.41749	.00002	.00008	.00091	.02529	.00041	.27491
#2	.00014	.38945	-.00022	.00017	.00136	.02395	.00030	.15377
#3	.00017	.39888	.00041	-.00005	.00098	.02533	.00041	.18749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	.00117	.02262	.00024	.01492	.16510	-.00021	-.00610
Stddev	.00025	.00022	.00685	.00005	.00002	.04170	.00012	.00165
%RSD	42.071	18.910	30.305	21.359	.15878	25.257	57.597	27.096

#1	.00031	.00113	.02013	.00024	.01491	.17191	-.00031	-.00723
#2	.00078	.00097	.01736	.00030	.01490	.12041	-.00008	-.00687
#3	.00070	.00140	.03037	.00019	.01495	.20297	-.00024	-.00421

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08121	3.3902	-.00036	-.00049	.00191	.0008	.00055	3.1040
Stddev	.01632	.0222	.00068	.00276	.00265	.0012	.00005	.1169
%RSD	20.102	.65611	186.58	567.31	138.49	140.5	9.4244	3.7656

#1	.06626	3.4154	.00010	-.00035	.00267	.0008	.00059	2.9725
#2	.09862	3.3820	-.00114	-.00331	-.00103	-.0003	.00058	3.1960
#3	.07874	3.3732	-.00004	.00220	.00409	.0020	.00049	3.1435

Sample Name: K1591-01LX5 Acquired: 2/26/2019 20:47:19 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.82473
%RSD	715.35

#1	-.81768
#2	.79283
#3	-.32102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.7	44766.	4341.0	20.264	3924.3
Stddev	4.1	109.	19.9	.580	1.1
%RSD	.11284	.24319	.45733	2.8617	.02804

#1	3590.3	44643.	4329.8	19.808	3923.5
#2	3586.9	44807.	4329.2	20.067	3925.6
#3	3594.9	44848.	4363.9	20.917	3923.8

Sample Name: K1591-01MS Acquired: 2/26/2019 20:51:47 Type: Unk
Method: P4-ICP2(v2892) 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	.74996	1.9566	.94811	1.9065	.78666	1.8143	.19164
Stddev	.00408	.0010	.00061	.0125	.00182	.0170	.00249
%RSD	.54383	.04907	.06391	.65694	.23174	.93513	1.3019

#1	.74536	1.9556	.94808	1.8992	.78720	1.8041	.19216
#2	.75137	1.9574	.94752	1.8993	.78462	1.8050	.19383
#3	.75314	1.9570	.94874	1.9209	.78814	1.8339	.18892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19554	.18064	2.8457	.38916	.18953	.30925	3.4022
Stddev	.00020	.00028	.0183	.00075	.00044	.00045	.0099
%RSD	.10262	.15438	.64155	.19157	.23262	.14696	.29226

#1	.19531	.18038	2.8398	.38961	.18928	.30972	3.4054
#2	.19566	.18094	2.8662	.38830	.19004	.30882	3.4102
#3	.19565	.18059	2.8311	.38958	.18927	.30920	3.3911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19686	3.0935	.46220	.07032	3.2482	.28609	.26829
Stddev	.00014	.0330	.00069	.00061	.0087	.00016	.00016
%RSD	.07148	1.0673	.14950	.86799	.26752	.05718	.06042

#1	.19692	3.0725	.46207	.06965	3.2405	.28623	.26845
#2	.19696	3.1315	.46158	.07045	3.2576	.28613	.26830
#3	.19670	3.0763	.46294	.07085	3.2466	.28591	.26813

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7855	.39304	.25815	.13587	F 16.745	.60666	.18643
Stddev	.0445	.00082	.00473	.02594	.048	.00058	.00274
%RSD	.45442	.20884	1.8334	19.089	.28650	.09573	1.4709

#1	9.7867	.39282	.25380	.14263	16.783	.60631	.18436
#2	9.7405	.39235	.26319	.15775	16.691	.60733	.18540
#3	9.8294	.39395	.25746	.10722	16.761	.60635	.18954

Sample Name: K1591-01MS Acquired: 2/26/2019 20:51:47 Type: Unk
Method: P4-ICP2(v2892) 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	.19880	5.059	.19051	2.9038	F<.00000
Stddev	.00163	.003	.00047	.2969	1.3642
%RSD	.81856	.0606	.24467	10.223	12.638

#1	.19714	5.061	.19072	3.2364	-9.6065
#2	.19887	5.060	.18997	2.6658	-12.284
#3	.20039	5.055	.19083	2.8092	-10.493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.2	45257.	4408.0	20.111	3926.2
Stddev	12.7	75.	16.1	.558	6.2
%RSD	.34657	.16507	.36468	2.7763	.15827

#1	3664.5	45172.	4389.5	19.617	3931.3
#2	3660.4	45291.	4415.3	20.717	3928.2
#3	3640.8	45309.	4419.1	20.000	3919.3

Sample Name: K1591-01MSD Acquired: 2/26/2019 20:55:55 Type: Unk
Method: P4-ICP2(v2892) 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	.76578	2.0074	.97390	1.9598	.80465	1.8441	.20350
Stddev	.00045	.0100	.00098	.0020	.00069	.0008	.00644
%RSD	.05919	.49550	.10022	.10262	.08522	.04095	3.1629

#1	.76528	2.0051	.97503	1.9615	.80390	1.8448	.20951
#2	.76591	2.0182	.97325	1.9603	.80482	1.8442	.20429
#3	.76616	1.9988	.97343	1.9576	.80524	1.8433	.19671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20123	.18589	2.9340	.40003	.19469	.31803	3.4988
Stddev	.00056	.00030	.0070	.00096	.00027	.00073	.0080
%RSD	.27719	.16207	.24044	.23993	.13623	.23002	.22882

#1	.20151	.18606	2.9325	.40108	.19496	.31819	3.4910
#2	.20059	.18607	2.9417	.39918	.19468	.31867	3.4984
#3	.20160	.18554	2.9279	.39985	.19443	.31723	3.5070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20125	3.1720	.47525	.07184	3.3451	.29401	.27820
Stddev	.00040	.0223	.00036	.00052	.0124	.00202	.00079
%RSD	.19850	.70283	.07613	.71835	.37198	.68842	.28456

#1	.20081	3.1783	.47562	.07133	3.3312	.29598	.27888
#2	.20159	3.1472	.47490	.07236	3.3552	.29413	.27838
#3	.20135	3.1905	.47524	.07184	3.3488	.29194	.27733

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.058	.40299	.27365	.12631	F 17.144	.62289	.19509
Stddev	.018	.00071	.00281	.01522	.043	.00319	.00214
%RSD	.17463	.17572	1.0283	12.052	.25322	.51234	1.0945

#1	10.079	.40234	.27632	.13479	17.097	.62647	.19649
#2	10.048	.40375	.27071	.13540	17.153	.62183	.19263
#3	10.048	.40287	.27391	.10873	17.182	.62036	.19615

Sample Name: K1591-01MSD Acquired: 2/26/2019 20:55:55 Type: Unk
Method: P4-ICP2(v2892) 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	.20467	5.195	.19668	2.8677	F<.00000
Stddev	.00160	.009	.00081	.2607	.72947
%RSD	.77931	.1815	.41013	9.0914	7.2525

#1	.20636	5.205	.19740	3.1347	-9.5504
#2	.20447	5.186	.19683	2.8548	-9.7299
#3	.20318	5.194	.19581	2.6138	-10.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.9	45484.	4409.9	18.997	3924.7
Stddev	9.1	64.	10.2	1.957	9.3
%RSD	.24913	.14121	.23057	10.301	.23758

#1	3669.7	45418.	4421.5	17.308	3932.2
#2	3658.4	45547.	4402.5	21.142	3927.6
#3	3651.7	45487.	4405.8	18.542	3914.3

Sample Name: K1591-01A Acquired: 2/26/2019 21:00:02 Type: Unk
Method: P4-ICP2(v2892) 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	.76406	1.9950	.96652	1.9420	.79983	1.8158	.19717
Stddev	.00086	.0048	.00202	.0075	.00334	.0089	.00403
%RSD	.11311	.24163	.20944	.38482	.41779	.48761	2.0444

#1	.76503	2.0005	.96752	1.9506	.80239	1.8059	.19538
#2	.76338	1.9927	.96419	1.9389	.80106	1.8230	.19435
#3	.76376	1.9917	.96785	1.9367	.79605	1.8185	.20179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19737	.18427	2.8932	.39369	.19281	.31619	3.4345
Stddev	.00043	.00051	.0046	.00122	.00041	.00077	.0180
%RSD	.21961	.27553	.15990	.30988	.21283	.24404	.52366

#1	.19686	.18485	2.8952	.39349	.19325	.31694	3.4498
#2	.19762	.18393	2.8879	.39500	.19244	.31623	3.4391
#3	.19761	.18403	2.8965	.39258	.19272	.31540	3.4147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19963	3.1544	.47247	.07067	3.2705	.28841	.27409
Stddev	.00079	.0399	.00158	.00061	.0011	.00120	.00087
%RSD	.39704	1.2636	.33356	.85861	.03288	.41550	.31799

#1	.20026	3.1981	.47355	.07118	3.2703	.28799	.27506
#2	.19990	3.1200	.47066	.06999	3.2696	.28977	.27339
#3	.19874	3.1453	.47319	.07082	3.2717	.28748	.27381

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8960	.39880	.27160	.12054	F 16.991	.61662	.18830
Stddev	.0544	.00225	.00710	.00533	.119	.00185	.00149
%RSD	.54968	.56536	2.6154	4.4199	.69943	.30029	.79247

#1	9.8747	.40036	.27401	.11541	17.079	.61867	.18997
#2	9.9578	.39984	.27718	.12604	17.037	.61611	.18710
#3	9.8555	.39622	.26361	.12017	16.856	.61508	.18782

Sample Name: K1591-01A Acquired: 2/26/2019 21:00:02 Type: Unk
 Method: P4-ICP2(v2892) 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	.20029	5.162	.19274	2.6106	F<.00000
Stddev	.00178	.018	.00086	.0969	.24955
%RSD	.88697	.3565	.44836	3.7106	2.3152
#1	.20189	5.182	.19291	2.5015	-10.741
#2	.19838	5.157	.19351	2.6440	-11.045
#3	.20060	5.146	.19181	2.6864	-10.550
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.0	45364.	4415.4	19.142	3921.5
Stddev	8.5	26.	27.9	.786	4.2
%RSD	.23309	.05684	.63217	4.1055	.10774
#1	3666.4	45340.	4391.6	20.033	3925.7
#2	3649.7	45362.	4408.4	18.842	3921.5
#3	3661.1	45391.	4446.1	18.550	3917.2

Sample Name: K1611-03 Acquired: 2/26/2019 21:04:09 Type: Unk
Method: P4-ICP2(v2892) 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	.01008	-.00358	.07884	.00407	.00421	4.9401	.09157
Stddev	.00068	.00066	.00071	.00300	.00244	.0374	.00217
%RSD	6.7521	18.320	.90052	73.583	57.860	.75778	2.3667

#1	.01085	-.00294	.07892	.00360	.00412	4.9147	.09204
#2	.00982	-.00425	.07809	.00134	.00183	4.9831	.09346
#3	.00957	-.00355	.07950	.00727	.00670	4.9225	.08920

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00032	20.956	.01953	.00510	.06121	10.154
Stddev	.00003	.00008	.067	.00042	.00024	.00038	.058
%RSD	4.8258	26.230	.31878	2.1539	4.6700	.61693	.56660

#1	.00065	-.00023	20.945	.01987	.00485	.06091	10.160
#2	.00060	-.00039	20.896	.01906	.00533	.06164	10.094
#3	.00064	-.00034	21.028	.01966	.00511	.06109	10.208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24732	7.0801	.01240	.00104	119.35	.01711	.42823
Stddev	.00067	.0701	.00021	.00003	1.03	.00041	.00187
%RSD	.27011	.99013	1.7066	3.2976	.86441	2.4130	.43653

#1	.24785	7.1608	.01240	.00104	120.18	.01758	.42647
#2	.24756	7.0450	.01261	.00100	118.19	.01682	.42803
#3	.24657	7.0344	.01219	.00107	119.68	.01693	.43019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4532	.00173	.02740	2.6290	6.8815	.00451	.19935
Stddev	.0499	.00055	.01129	.0244	.0348	.00123	.00093
%RSD	2.0335	31.805	41.201	.92912	.50642	27.178	.46831

#1	2.4614	.00110	.01764	2.6129	6.8948	.00343	.19980
#2	2.4985	.00212	.03977	2.6169	6.8420	.00584	.19996
#3	2.3998	.00197	.02480	2.6571	6.9078	.00426	.19827

Sample Name: K1611-03 Acquired: 2/26/2019 21:04:09 Type: Unk
 Method: P4-ICP2(v2892) 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	.01746	.4089	.04600	3.9243	F<.00000
Stddev	.00046	.0008	.00024	.1557	.19363
%RSD	2.6104	.2028	.52664	3.9683	1.8979
#1	.01775	.4088	.04627	3.9042	-10.058
#2	.01694	.4081	.04594	4.0892	-10.126
#3	.01770	.4098	.04579	3.7797	-10.422
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.0	43307.	4461.4	19.131	3575.9
Stddev	5.6	156.	15.3	1.974	28.5
%RSD	.15912	.35974	.34259	10.317	.79777
#1	3549.5	43258.	4447.2	21.408	3608.5
#2	3549.0	43182.	4477.5	17.921	3563.8
#3	3539.5	43482.	4459.4	18.062	3555.5

Sample Name: K1614-03 Acquired: 2/26/2019 21:08:30 Type: Unk
Method: P4-ICP2(v2892) 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	.00625	-.00115	.01400	.00237	-.00131	.60920	.03588	.00013
Stddev	.00321	.00120	.00058	.00195	.00342	.00793	.00193	.00005
%RSD	51.388	104.81	4.1253	82.230	261.21	1.3024	5.3850	39.456

#1	.00836	.00023	.01391	.00382	-.00016	.61834	.03438	.00019
#2	.00784	-.00196	.01347	.00315	.00139	.60405	.03806	.00009
#3	.00255	-.00172	.01461	.00015	-.00516	.60521	.03519	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	42.062	.00398	.00034	.02022	1.1550	.07505	4.0390
Stddev	.00006	.094	.00019	.00011	.00022	.0134	.00011	.0713
%RSD	50.000	.22284	4.8620	32.224	1.0788	1.1578	.14614	1.7646

#1	-.00015	41.997	.00385	.00029	.02020	1.1652	.07514	4.0908
#2	-.00006	42.169	.00388	.00047	.02001	1.1600	.07493	4.0685
#3	-.00018	42.019	.00420	.00027	.02045	1.1399	.07509	3.9578

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00145	807.40	.00500	.13325	5.4842	.00107	.01548
Stddev	.00033	.00017	5.40	.00028	.00021	.0306	.00037	.00386
%RSD	39.429	11.962	.66872	5.5284	.15466	.55732	34.917	24.917

#1	.00062	.00148	813.61	.00532	.13303	5.4874	.00079	.01898
#2	.00067	.00127	804.79	.00484	.13330	5.4521	.00092	.01134
#3	.00122	.00161	803.80	.00484	.13343	5.5130	.00149	.01612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8388	2.4178	.00274	.02364	.02007	.2788	.25750	6.9300
Stddev	.0302	.0237	.00042	.00210	.00088	.0011	.00041	.1477
%RSD	.78668	.98074	15.250	8.9027	4.3879	.4111	.15731	2.1306

#1	3.8177	2.4429	.00248	.02442	.01955	.2788	.25763	6.8570
#2	3.8734	2.4148	.00323	.02524	.01958	.2777	.25781	6.8331
#3	3.8253	2.3958	.00253	.02126	.02109	.2800	.25704	7.0999

Sample Name: K1614-03 Acquired: 2/26/2019 21:08:30 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.178
 Stddev .643
 %RSD 5.2825

#1 11.600
 #2 12.871
 #3 12.063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.9	38571.	4257.0	19.489	3115.0
Stddev	17.8	92.	30.7	1.453	5.5
%RSD	.54647	.23914	.72057	7.4565	.17584

#1	3265.5	38542.	4222.4	19.600	3113.4
#2	3282.5	38675.	4280.9	20.883	3121.1
#3	3246.8	38497.	4267.8	17.983	3110.5

Sample Name: CCV10 Acquired: 2/26/2019 21:13:01 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14596 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0835	5.1149	5.0493	5.1004	5.1415	9.3602	10.229	.25793
Stddev	.0046	.0087	.0245	.0154	.0109	.0580	.053	.00043
%RSD	.09009	.17081	.48464	.30207	.21112	.61967	.52146	.16818
#1	5.0816	5.1244	5.0759	5.1085	5.1477	9.2942	10.194	.25745
#2	5.0801	5.1071	5.0277	5.1101	5.1479	9.3830	10.202	.25829
#3	5.0887	5.1133	5.0443	5.0827	5.1290	9.4033	10.290	.25805
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5052	25.268	.99265	2.5169	1.2573	5.3757	2.4766	24.970
Stddev	.0131	.098	.00096	.0132	.0025	.0036	.0006	.060
%RSD	.52093	.38653	.09699	.52227	.19925	.06669	.02464	.24011
#1	2.5178	25.221	.99322	2.5313	1.2601	5.3735	2.4767	24.906
#2	2.4917	25.203	.99318	2.5055	1.2564	5.3799	2.4759	24.979
#3	2.5062	25.380	.99153	2.5140	1.2553	5.3739	2.4771	25.025
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4557	1.2612	25.791	2.4662	2.5608	24.723	5.2278	4.7248
Stddev	.0137	.0030	.079	.0073	.0129	.136	.0073	.0245
%RSD	.55787	.23930	.30462	.29793	.50333	.55136	.13894	.51934
#1	2.4694	1.2642	25.808	2.4584	2.5753	24.588	5.2352	4.7205
#2	2.4420	1.2582	25.706	2.4731	2.5505	24.720	5.2276	4.7027
#3	2.4556	1.2612	25.860	2.4670	2.5568	24.861	5.2207	4.7512
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8856	5.1471	4.8438	5.0610	4.8564	4.930	4.9842	5.3847
Stddev	.0281	.0180	.0193	.0313	.0223	.006	.0179	.1204
%RSD	.57446	.34893	.39889	.61753	.45930	.1297	.35812	2.2356
#1	4.8900	5.1661	4.8608	5.0541	4.8373	4.937	4.9763	5.2528
#2	4.9112	5.1303	4.8228	5.0337	4.8511	4.925	4.9716	5.4126
#3	4.8556	5.1450	4.8479	5.0951	4.8809	4.928	5.0046	5.4887

Sample Name: CCV10 Acquired: 2/26/2019 21:13:01 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14596 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9973
Stddev .4329
%RSD 14.444

#1 2.5198
#2 3.1079
#3 3.3642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.2	41478.	4195.0	16.536	3389.7
Stddev	12.5	144.	9.4	1.188	22.3
%RSD	.36755	.34768	.22515	7.1844	.65820

#1	3382.1	41597.	4205.1	17.657	3364.7
#2	3396.6	41318.	4186.3	15.291	3407.7
#3	3406.9	41520.	4193.8	16.662	3396.6

Sample Name: CCB10 Acquired: 2/26/2019 21:17:00 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14596 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00458	.00068	-.00018	.00402	.00038	-.01861	-.00407
Stddev	.00258	.00142	.00080	.00324	.00101	.01447	.00325
%RSD	56.265	208.92	443.41	80.660	269.20	77.721	79.896

#1	.00383	.00094	.00027	.00034	.00015	-.03475	-.00732
#2	.00744	.00195	-.00110	.00529	-.00050	-.01427	-.00081
#3	.00246	-.00085	.00029	.00644	.00148	-.00681	-.00408

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00016	.00523	-.00015	.00008	-.00032	.00536
Stddev	.00006	.00008	.01217	.00008	.00013	.00022	.00036
%RSD	62.158	45.800	232.75	54.602	173.57	70.224	6.7570

#1	.00015	.00021	-.00092	-.00019	.00016	-.00054	.00572
#2	.00007	.00020	-.00264	-.00006	-.00008	-.00009	.00500
#3	.00004	.00008	.01925	-.00022	.00014	-.00032	.00538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.02589	-.00047	.00143	.27377	.00015	-.00038
Stddev	.00008	.04375	.00008	.00061	.00713	.00015	.00011
%RSD	111.22	169.00	17.292	42.427	2.6058	104.92	28.688

#1	.00011	.02421	-.00053	.00077	.27349	.00030	-.00048
#2	-.00002	-.04534	-.00049	.00153	.28104	.00015	-.00040
#3	.00013	-.05653	-.00037	.00197	.26678	-.00001	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24216	.00022	-.00132	F .05868	.00140	-.00011	-.00093
Stddev	.04197	.00040	.00633	.01221	.00127	.00075	.00170
%RSD	17.331	182.20	477.92	20.815	90.299	713.11	183.60

#1	.27091	.00068	.00335	.04488	.00249	.00076	-.00023
#2	.26156	.00000	.00121	.06809	.00002	-.00046	.00032
#3	.19400	-.00002	-.00853	.06308	.00169	-.00061	-.00287

Sample Name: CCB10 Acquired: 2/26/2019 21:17:00 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14596 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00947	-.0008	-.00006	F 3.0344	F<.00000
Stddev	.00278	.0008	.00004	.3283	1.0819
%RSD	29.386	92.39	67.284	10.821	151.23

#1	.01196	-.0000	-.00004	2.6712	-.21160
#2	.00998	-.0010	-.00011	3.1219	.02276
#3	.00647	-.0016	-.00004	3.3101	-1.9572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.2	44072.	4268.0	17.575	3873.4
Stddev	8.5	272.	35.3	.713	4.0
%RSD	.23912	.61758	.82710	4.0592	.10454

#1	3559.7	43792.	4289.5	16.767	3870.8
#2	3575.9	44335.	4287.2	18.117	3878.1
#3	3563.0	44090.	4227.3	17.842	3871.3

Sample Name: K1614-03DUP Acquired: 2/26/2019 21:21:28 Type: Unk
Method: P4-ICP2(v2892) 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	.00672	-.00068	.01332	.00223	.00020	.62147	.03747	.00009
Stddev	.00222	.00119	.00109	.00147	.00051	.01161	.00455	.00003
%RSD	33.080	174.88	8.1882	66.170	254.58	1.8675	12.148	34.703

#1	.00926	-.00190	.01261	.00278	-.00032	.63476	.03300	.00006
#2	.00580	.00049	.01278	.00334	.00071	.61636	.03730	.00009
#3	.00511	-.00063	.01457	.00056	.00021	.61330	.04210	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	42.423	.00377	.00029	.02064	1.1705	.07669	4.1282
Stddev	.00003	.138	.00029	.00033	.00066	.0079	.00072	.0236
%RSD	17.640	.32411	7.5827	113.21	3.1994	.67393	.94445	.57235

#1	-.00013	42.371	.00406	-.00008	.02063	1.1663	.07587	4.1109
#2	-.00013	42.579	.00377	.00041	.02131	1.1657	.07696	4.1187
#3	-.00017	42.319	.00348	.00055	.01999	1.1797	.07724	4.1551

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00160	806.44	.00544	.12977	5.5299	.00118	.01759
Stddev	.00020	.00085	7.41	.00057	.00012	.0570	.00037	.00691
%RSD	17.750	53.500	.91913	10.396	.09542	1.0312	31.138	39.256

#1	.00120	.00233	797.98	.00554	.12990	5.4724	.00076	.00985
#2	.00126	.00066	811.76	.00483	.12966	5.5309	.00142	.01980
#3	.00089	.00180	809.59	.00595	.12973	5.5864	.00137	.02312

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8750	2.4478	.00230	.02513	.01993	.2751	.25937	6.4991
Stddev	.0175	.0295	.00079	.00498	.00261	.0006	.00145	.0736
%RSD	.45196	1.2048	34.300	19.818	13.089	.2057	.56028	1.1321

#1	3.8952	2.4226	.00139	.01963	.01695	.2745	.25982	6.5400
#2	3.8655	2.4406	.00281	.02934	.02176	.2751	.26055	6.4142
#3	3.8642	2.4802	.00269	.02641	.02109	.2756	.25775	6.5432

Sample Name: K1614-03DUP Acquired: 2/26/2019 21:21:28 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.661
Stddev 1.390
%RSD 11.917

#1 10.740
#2 13.259
#3 10.983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.8	38603.	4282.6	17.773	3119.8
Stddev	5.3	77.	9.7	1.990	7.1
%RSD	.16174	.20014	.22538	11.196	.22900

#1	3251.7	38621.	4293.5	19.925	3125.7
#2	3260.6	38518.	4275.1	16.000	3121.7
#3	3260.9	38670.	4279.3	17.393	3111.8

Sample Name: K1614-03LX5 Acquired: 2/26/2019 21:26:00 Type: Unk
Method: P4-ICP2(v2892) 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	.00247	-.00058	.00587	.00058	-.00083	.10520	.00664	.00008
Stddev	.00180	.00223	.00095	.00462	.00042	.00992	.00308	.00003
%RSD	72.917	380.83	16.120	794.29	50.739	9.4308	46.326	40.244

#1	.00084	.00077	.00624	.00309	-.00097	.10849	.00972	.00005
#2	.00440	.00064	.00658	.00340	-.00116	.11305	.00664	.00007
#3	.00216	-.00316	.00480	-.00475	-.00036	.09405	.00356	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	8.8437	.00043	-.00000	.00460	.26253	.01581	.85569
Stddev	.00012	.0338	.00043	.00029	.00026	.00508	.00021	.05064
%RSD	191.86	.38233	101.15	15633.	5.5625	1.9339	1.3142	5.9179

#1	-.00013	8.8178	.00086	.00012	.00463	.25707	.01593	.79722
#2	.00008	8.8312	.00043	.00020	.00484	.26339	.01557	.88427
#3	-.00013	8.8819	-.00001	-.00033	.00433	.26711	.01592	.88557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	.00173	179.51	.00122	.02466	1.4942	.00006	-.00039
Stddev	.00008	.00035	.76	.00046	.00003	.0196	.00020	.00990
%RSD	11.499	20.039	.42534	37.395	.12495	1.3088	349.07	2561.6

#1	-.00070	.00169	179.56	.00079	.02469	1.5158	.00018	-.00482
#2	-.00078	.00210	180.25	.00117	.02463	1.4894	.00016	-.00729
#3	-.00062	.00141	178.73	.00169	.02465	1.4776	-.00017	.01095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76211	.52854	.00128	.00188	.02179	.0492	.05378	5.0085
Stddev	.01682	.00429	.00057	.00222	.00049	.0010	.00011	.3327
%RSD	2.2076	.81241	44.214	117.78	2.2596	1.988	.21370	6.6425

#1	.74591	.52977	.00064	.00442	.02191	.0489	.05367	5.1555
#2	.77950	.52377	.00172	.00033	.02221	.0483	.05377	5.2423
#3	.76093	.53209	.00149	.00090	.02125	.0502	.05390	4.6276

Sample Name: K1614-03LX5 Acquired: 2/26/2019 21:26:00 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9144
 Stddev .2191
 %RSD 3.7044

#1 6.1252
 #2 5.9301
 #3 5.6879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.8	41065.	4218.3	17.939	3427.9
Stddev	10.9	31.	10.3	.920	12.2
%RSD	.31923	.07598	.24501	5.1288	.35622

#1	3401.9	41101.	4215.2	18.084	3416.1
#2	3423.5	41053.	4209.8	18.777	3440.5
#3	3410.1	41042.	4229.8	16.954	3427.2

Sample Name: K1614-03MS Acquired: 2/26/2019 21:30:27 Type: Unk
Method: P4-ICP2(v2892) 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	1.0130	2.3562	1.2327	2.5172	.98200	3.1568	.29205	.26750	.24851
Stddev	.0088	.0123	.0072	.0105	.00309	.0299	.00328	.00021	.00114
%RSD	.86907	.52359	.58069	.41567	.31441	.94647	1.1221	.07827	.45988
#1	1.0158	2.3705	1.2353	2.5259	.98486	3.1901	.29285	.26765	.24862
#2	1.0200	2.3488	1.2381	2.5201	.98242	3.1323	.28845	.26726	.24960
#3	1.0031	2.3494	1.2246	2.5056	.97872	3.1481	.29485	.26758	.24732
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.767	.48805	.24892	.37834	4.7754	.31587	6.7923	.60676	.09319
Stddev	.216	.00131	.00074	.00200	.0529	.00042	.0917	.00212	.00061
%RSD	.45206	.26860	.29894	.52945	1.1088	.13173	1.3503	.34885	.65250
#1	47.575	.48840	.24863	.38060	4.7162	.31587	6.7214	.60671	.09357
#2	47.725	.48660	.24976	.37766	4.7920	.31629	6.7596	.60890	.09352
#3	48.001	.48916	.24835	.37677	4.8182	.31546	6.8959	.60467	.09249
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	884.56	.37163	.40801	18.521	.47657	.34094	4.1657	3.8733	.81287
Stddev	7.18	.00085	.00156	.131	.00243	.00538	.0400	.0223	.00516
%RSD	.81185	.22953	.38127	.70665	.50889	1.5774	.96050	.57523	.63459
#1	882.28	.37065	.40831	18.373	.47877	.34422	4.1720	3.8575	.81794
#2	878.80	.37199	.40939	18.622	.47697	.34386	4.2023	3.8637	.81306
#3	892.61	.37224	.40632	18.569	.47397	.33473	4.1230	3.8988	.80762
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.25319	.28211	8.176	.50508	7.3136	2.0445			
Stddev	.00248	.00182	.033	.00518	.1912	1.5714			
%RSD	.97896	.64398	.4025	1.0249	2.6143	76.860			
#1	.25370	.28161	8.198	.49923	7.1593	3.8591			
#2	.25537	.28060	8.192	.50691	7.2541	1.1372			
#3	.25049	.28413	8.138	.50909	7.5275	1.1374			

Sample Name: K1614-03MS Acquired: 2/26/2019 21:30:27 Type: Unk
Method: P4-ICP2(v2892) 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	3222.2	38232.	4215.4	17.663	3057.0
Stddev	11.7	56.	42.8	1.516	13.0
%RSD	.36402	.14609	1.0143	8.5806	.42556
#1	3217.6	38275.	4264.6	17.507	3058.4
#2	3213.6	38169.	4193.5	16.231	3043.4
#3	3235.6	38252.	4188.0	19.251	3069.3

Sample Name: K1614-03MSD Acquired: 2/26/2019 21:34:42 Type: Unk
Method: P4-ICP2(v2892) 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	.99890	2.3334	1.2195	2.4841	.96788	3.0993	.28505	.26456	.24657
Stddev	.00526	.0037	.0015	.0009	.00688	.0037	.00185	.00065	.00058
%RSD	.52617	.15731	.12001	.03572	.71133	.12043	.64887	.24747	.23505

#1	.99319	2.3304	1.2208	2.4831	.96121	3.0956	.28396	.26523	.24600
#2	.99997	2.3375	1.2179	2.4847	.97496	3.0992	.28718	.26392	.24657
#3	1.0035	2.3324	1.2198	2.4845	.96746	3.1031	.28400	.26454	.24716

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.411	.48395	.24635	.37624	4.7643	.31333	6.7884	.60107	.09181
Stddev	.346	.00138	.00167	.00197	.0686	.00224	.0877	.00116	.00076
%RSD	.72983	.28500	.67621	.52268	1.4399	.71531	1.2913	.19239	.82922

#1	47.460	.48486	.24456	.37402	4.7946	.31282	6.8023	.60023	.09132
#2	47.730	.48462	.24662	.37776	4.8125	.31139	6.8683	.60060	.09269
#3	47.043	.48236	.24786	.37693	4.6857	.31579	6.6947	.60239	.09141

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	875.29	.37142	.40699	18.790	.47209	.34021	4.1600	3.8578	.80316
Stddev	8.13	.00206	.00042	.190	.00203	.00909	.0410	.0375	.00251
%RSD	.92846	.55583	.10376	1.0100	.43074	2.6720	.98555	.97140	.31292

#1	882.36	.37368	.40666	18.683	.46998	.33450	4.1321	3.8614	.80096
#2	877.10	.37095	.40747	19.010	.47404	.33544	4.2071	3.8934	.80262
#3	866.41	.36964	.40685	18.678	.47223	.35070	4.1409	3.8187	.80590

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25431	.28348	8.107	.50508	7.3293	1.2516
Stddev	.00310	.00462	.011	.00546	.0496	.6493
%RSD	1.2178	1.6308	.1382	1.0817	.67711	51.873

#1	.25414	.28073	8.095	.50453	7.3522	1.4357
#2	.25748	.28881	8.110	.51080	7.3632	.53021
#3	.25130	.28088	8.116	.49991	7.2723	1.7890

Sample Name: K1614-03MSD Acquired: 2/26/2019 21:34:42 Type: Unk
Method: P4-ICP2(v2892) 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	3237.0	38246.	4183.6	18.620	3060.2
Stddev	13.6	147.	36.0	1.098	3.0
%RSD	.42021	.38342	.86168	5.8963	.09928
#1	3252.7	38233.	4162.6	17.358	3063.0
#2	3229.2	38399.	4163.0	19.351	3060.7
#3	3229.0	38107.	4225.2	19.152	3057.0

Sample Name: K1614-03A Acquired: 2/26/2019 21:38:57 Type: Unk
Method: P4-ICP2(v2892) 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	1.0002	2.3457	1.2277	2.4845	.97444	3.1402	.28946	.26493	.24769
Stddev	.0050	.0125	.0027	.0117	.00619	.0374	.00340	.00095	.00047
%RSD	.50475	.53329	.22085	.47044	.63559	1.1912	1.1735	.35774	.18944
#1	.99572	2.3579	1.2272	2.4727	.97360	3.1070	.28592	.26418	.24822
#2	1.0057	2.3462	1.2253	2.4961	.98101	3.1807	.29269	.26460	.24751
#3	.99918	2.3329	1.2306	2.4846	.96871	3.1328	.28977	.26599	.24734
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.643	.48602	.24822	.37621	4.7830	.31224	6.8521	.60527	.09129
Stddev	.120	.00197	.00126	.00119	.0377	.00127	.0832	.00107	.00031
%RSD	.25236	.40431	.50774	.31668	.78825	.40550	1.2145	.17744	.34222
#1	47.520	.48413	.24786	.37494	4.7820	.31085	6.8386	.60646	.09157
#2	47.761	.48588	.24962	.37730	4.7458	.31332	6.9413	.60497	.09134
#3	47.648	.48806	.24718	.37640	4.8212	.31255	6.7765	.60438	.09095
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	879.67	.37161	.40741	18.727	.47289	.34699	4.1724	3.8903	.80868
Stddev	9.90	.00085	.00098	.080	.00256	.00721	.0285	.0456	.00324
%RSD	1.1252	.22773	.23986	.42867	.54213	2.0765	.68269	1.1732	.40051
#1	887.73	.37206	.40853	18.761	.47172	.33936	4.1677	3.8530	.81218
#2	868.63	.37063	.40700	18.635	.47583	.35368	4.2029	3.8767	.80805
#3	882.67	.37214	.40670	18.785	.47112	.34793	4.1465	3.9412	.80580
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.25464	.28230	8.147	.50422	7.4119	1.2030			
Stddev	.00298	.00414	.029	.00378	.3039	.8179			
%RSD	1.1700	1.4671	.3567	.74890	4.1007	67.986			
#1	.25188	.27968	8.177	.50526	7.7628	.27698			
#2	.25425	.28707	8.120	.50004	7.2431	1.8266			
#3	.25780	.28014	8.142	.50737	7.2298	1.5055			

Sample Name: K1614-03A Acquired: 2/26/2019 21:38:57 Type: Unk
Method: P4-ICP2(v2892) 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	3237.0	38253.	4174.4	18.077	3047.6
Stddev	13.8	80.	23.3	1.002	8.3
%RSD	.42669	.21033	.55836	5.5443	.27234
#1	3244.8	38339.	4173.5	18.706	3040.4
#2	3221.1	38180.	4198.1	18.603	3045.6
#3	3245.2	38241.	4151.5	16.921	3056.6

Sample Name: K1616-05 Acquired: 2/26/2019 21:43:11 Type: Unk
Method: P4-ICP2(v2892) 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	.03530	-.00445	.06404	.00474	.00400	3.7347	.03269	.00049
Stddev	.00032	.00233	.00098	.00332	.00115	.0024	.00526	.00002
%RSD	.90401	52.399	1.5347	69.969	28.697	.06474	16.085	3.4726

#1	.03518	-.00177	.06505	.00848	.00533	3.7370	.02755	.00047
#2	.03566	-.00601	.06399	.00218	.00329	3.7322	.03806	.00050
#3	.03505	-.00557	.06308	.00355	.00339	3.7348	.03244	.00050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	12.317	.01006	.00248	.05043	6.1485	.16244	7.2078
Stddev	.00012	.033	.00060	.00014	.00021	.0668	.00040	.0385
%RSD	56.705	.27060	5.9440	5.6382	.42217	1.0865	.24864	.53392

#1	-.00022	12.314	.01047	.00252	.05028	6.0796	.16198	7.1786
#2	-.00031	12.286	.01034	.00232	.05067	6.1528	.16274	7.2514
#3	-.00008	12.352	.00937	.00259	.05033	6.2130	.16260	7.1934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00538	.00176	743.96	.01704	.28952	3.2731	.00160	.06813
Stddev	.00025	.00014	5.60	.00046	.00086	.0294	.00025	.01266
%RSD	4.7040	8.0446	.75219	2.7230	.29622	.89760	15.938	18.576

#1	.00545	.00188	738.57	.01654	.29035	3.2908	.00132	.07756
#2	.00510	.00160	749.74	.01746	.28956	3.2392	.00182	.05375
#3	.00559	.00179	743.56	.01712	.28863	3.2893	.00166	.07309

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3773	5.7676	.00496	.15862	.02985	.7336	.03912	6.4216
Stddev	.0269	.0353	.00025	.00380	.00340	.0011	.00017	.0604
%RSD	.79578	.61264	5.1358	2.3940	11.375	.1483	.44133	.94106

#1	3.3943	5.7270	.00469	.15423	.02596	.7331	.03904	6.3739
#2	3.3463	5.7917	.00519	.16092	.03224	.7349	.03932	6.4013
#3	3.3911	5.7840	.00501	.16070	.03135	.7329	.03901	6.4896

Sample Name: K1616-05 Acquired: 2/26/2019 21:43:11 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4515
Stddev 1.1051
%RSD 32.016

#1 2.5804
#2 3.0796
#3 4.6946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.1	39131.	4282.5	17.839	3139.5
Stddev	1.7	83.	35.2	.306	4.0
%RSD	.05211	.21319	.82217	1.7179	.12720

#1	3298.9	39211.	4322.9	18.175	3139.2
#2	3296.1	39045.	4258.3	17.767	3135.7
#3	3299.2	39136.	4266.2	17.575	3143.7

Sample Name: K1595-02 Acquired: 2/26/2019 21:47:43 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-CBF-B10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02986	-.00533	.01446	.00573	.00656	.03440	.19073	.00008
Stddev	.00129	.00049	.00097	.00371	.00278	.01109	.00280	.00009
%RSD	4.3341	9.1135	6.7108	64.842	42.404	32.243	1.4698	115.61

#1	.03038	-.00578	.01464	.00987	.00709	.02277	.18815	.00017
#2	.03080	-.00538	.01533	.00462	.00904	.03557	.19371	.00008
#3	.02838	-.00481	.01342	.00269	.00355	.04485	.19033	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	66.618	-.00003	.01250	.00904	1.4593	.94386	11.748
Stddev	.00015	.232	.00025	.00042	.00062	.0042	.00062	.050
%RSD	9.1895	.34866	793.77	3.3992	6.8651	.28985	.06604	.42199

#1	.00157	66.398	.00019	.01204	.00901	1.4635	.94324	11.776
#2	.00180	66.861	-.00030	.01258	.00967	1.4550	.94387	11.690
#3	.00152	66.596	.00001	.01288	.00843	1.4594	.94448	11.776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03010	.00085	331.06	-.00201	.17875	1.9630	.00031	.00508
Stddev	.00016	.00015	1.25	.00025	.00041	.0287	.00018	.01082
%RSD	.52234	17.484	.37890	12.467	.23014	1.4630	56.590	213.09

#1	.03008	.00102	331.99	-.00172	.17844	1.9368	.00011	-.00735
#2	.03027	.00081	329.63	-.00210	.17859	1.9937	.00043	.01021
#3	.02996	.00073	331.56	-.00220	.17922	1.9586	.00040	.01237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25046	.77425	.00378	-.00074	.04307	-.0012	.11430	6.2360
Stddev	.01499	.00970	.00111	.00091	.00090	.0013	.00048	.1200
%RSD	5.9867	1.2524	29.301	122.30	2.0855	106.6	.41930	1.9241

#1	.25287	.78544	.00500	-.00047	.04334	-.0014	.11375	6.2211
#2	.23441	.76878	.00350	-.00000	.04206	.0002	.11456	6.3627
#3	.26411	.76852	.00284	-.00176	.04379	-.0023	.11460	6.1241

Sample Name: K1595-02 Acquired: 2/26/2019 21:47:43 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-CBF-B10 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.4322
 Stddev .3545
 %RSD 4.2047

#1 8.0281
 #2 8.6909
 #3 8.5778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.4	39571.	4201.0	18.184	3231.9
Stddev	13.1	221.	18.4	.429	10.2
%RSD	.39926	.55834	.43833	2.3605	.31554

#1	3285.0	39316.	4181.5	18.139	3220.2
#2	3307.6	39706.	4203.3	17.779	3236.5
#3	3284.7	39691.	4218.1	18.634	3239.0

Sample Name: K1595-04 Acquired: 2/26/2019 21:52:15 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-CBF-B11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00671	.00552	.00393	.00052	.15098	.04692	-.00007
Stddev	.00109	.00159	.00055	.00158	.00057	.01164	.00200	.00003
%RSD	36.005	23.648	10.005	40.221	109.45	7.7098	4.2557	45.154

#1	-.00289	-.00830	.00596	.00331	.00101	.16305	.04898	-.00011
#2	-.00200	-.00673	.00571	.00574	-.00010	.15005	.04677	-.00005
#3	-.00417	-.00512	.00490	.00276	.00064	.13983	.04499	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	38.801	-.00024	.00039	.00459	.05474	2.3234	3.9070
Stddev	.00000	.128	.00073	.00018	.00009	.00199	.0091	.0436
%RSD	8.5241	.33104	304.79	45.855	1.8637	3.6306	.38971	1.1154

#1	.00005	38.654	-.00095	.00054	.00468	.05655	2.3188	3.8687
#2	.00004	38.892	.00051	.00042	.00456	.05261	2.3175	3.9544
#3	.00004	38.858	-.00028	.00019	.00452	.05505	2.3338	3.8978

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00122	320.94	-.00551	1.0820	1.4729	-.00023	.00859
Stddev	.00020	.00056	2.96	.00037	.0017	.0231	.00029	.00651
%RSD	16.310	46.301	.92176	6.6561	.15685	1.5694	123.79	75.881

#1	.00103	.00123	317.63	-.00522	1.0838	1.4473	.00009	.00928
#2	.00131	.00177	323.32	-.00592	1.0804	1.4789	-.00033	.00175
#3	.00142	.00065	321.88	-.00538	1.0817	1.4923	-.00046	.01473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50256	1.4136	.00258	-.00041	.02723	.0069	.19147	5.6932
Stddev	.00388	.0110	.00027	.00146	.00584	.0003	.00088	.0900
%RSD	.77220	.78028	10.491	351.18	21.431	4.813	.45734	1.5811

#1	.49878	1.4136	.00239	-.00186	.02051	.0070	.19046	5.7081
#2	.50654	1.4026	.00246	-.00045	.03104	.0072	.19203	5.7749
#3	.50236	1.4247	.00289	.00106	.03014	.0065	.19191	5.5967

Sample Name: K1595-04 Acquired: 2/26/2019 21:52:15 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-CBF-B11 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.022
 Stddev .600
 %RSD 5.9901

#1 9.8341
 #2 9.5385
 #3 10.694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.3	40449.	4236.8	18.672	3305.5
Stddev	22.8	161.	18.8	1.235	6.6
%RSD	.67998	.39815	.44350	6.6128	.19956

#1	3335.7	40555.	4258.0	19.750	3299.2
#2	3334.7	40528.	4229.9	18.942	3305.0
#3	3374.6	40264.	4222.4	17.325	3312.4

Sample Name: K1595-06 Acquired: 2/26/2019 21:56:48 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-E-WALL-GR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00294	.01573	.00320	.00033	.02689	.16426	-.00001
Stddev	.00087	.00116	.00096	.00262	.00077	.01140	.00222	.00009
%RSD	381.86	39.352	6.1033	81.935	235.81	42.412	1.3524	751.67

#1	.00079	-.00167	.01467	.00538	.00016	.02385	.16342	-.00011
#2	.00066	-.00321	.01654	.00392	.00116	.03950	.16678	.00000
#3	-.00077	-.00394	.01598	.00029	-.00034	.01731	.16258	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	16.723	.00084	.00596	.01340	.02141	.20956	6.1418
Stddev	.00010	.091	.00021	.00021	.00017	.00251	.00078	.0549
%RSD	6.6668	.54487	24.833	3.4773	1.2389	11.738	.37132	.89311

#1	.00133	16.724	.00072	.00594	.01330	.02042	.20995	6.1261
#2	.00149	16.813	.00071	.00618	.01359	.01954	.20867	6.0964
#3	.00150	16.631	.00108	.00577	.01330	.02427	.21007	6.2027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00793	.00080	282.94	-.00024	.21337	1.1975	-.00031	.00546
Stddev	.00033	.00030	4.63	.00034	.00065	.0080	.00042	.00182
%RSD	4.1666	37.553	1.6378	143.69	.30554	.66600	136.20	33.309

#1	.00822	.00070	284.56	.00013	.21296	1.2049	.00018	.00646
#2	.00757	.00114	286.55	-.00054	.21302	1.1985	-.00052	.00655
#3	.00801	.00057	277.71	-.00030	.21412	1.1890	-.00057	.00336

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12615	.55128	.00236	-.00103	.02181	.0156	.03903	5.3033
Stddev	.02091	.01027	.00043	.00196	.00146	.0004	.00025	.0802
%RSD	16.576	1.8631	18.401	190.96	6.7096	2.827	.63410	1.5118

#1	.13766	.56208	.00281	-.00112	.02347	.0157	.03930	5.2133
#2	.10201	.55013	.00194	-.00293	.02070	.0159	.03882	5.3673
#3	.13878	.54163	.00235	.00098	.02125	.0151	.03896	5.3292

Sample Name: K1595-06 Acquired: 2/26/2019 21:56:48 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-E-WALL-GR Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.2396
 Stddev .6212
 %RSD 8.5808

#1 7.2424
 #2 7.8594
 #3 6.6170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3377.6	40951.	4271.6	18.061	3368.2
Stddev	4.6	171.	61.9	.680	10.0
%RSD	.13727	.41771	1.4494	3.7672	.29755

#1	3379.9	40754.	4229.3	18.717	3364.6
#2	3380.7	41065.	4242.9	18.108	3379.6
#3	3372.3	41034.	4342.7	17.358	3360.6

Sample Name: K1595-08 Acquired: 2/26/2019 22:01:22 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-MH-C02 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00580	-.00480	.01433	.00496	-.00198	.18989	.17988
Stddev	.00354	.00139	.00137	.00062	.00020	.02122	.00511
%RSD	61.006	29.073	9.5752	12.511	10.186	11.173	2.8431

#1	.00296	-.00632	.01295	.00479	-.00221	.21438	.17767
#2	.00468	-.00448	.01569	.00445	-.00183	.17801	.18573
#3	.00977	-.00359	.01435	.00565	-.00190	.17726	.17624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00126	17.755	-.00143	.00793	.00213	19.603
Stddev	.00007	.00003	.027	.00035	.00019	.00027	.040
%RSD	8.9165	2.0278	.15163	24.395	2.4209	12.827	.20363

#1	.00066	-.00127	17.757	-.00106	.00771	.00199	19.563
#2	.00077	-.00129	17.728	-.00175	.00807	.00194	19.603
#3	.00077	-.00124	17.782	-.00150	.00800	.00244	19.643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1115	1.9416	.00868	.00094	335.77	.00040	.02770
Stddev	.0039	.0109	.00012	.00054	2.99	.00036	.00007
%RSD	.34970	.55967	1.4145	56.920	.89107	90.610	.25676

#1	1.1143	1.9298	.00858	.00091	335.39	.00046	.02777
#2	1.1071	1.9511	.00866	.00042	332.98	.00001	.02762
#3	1.1132	1.9440	.00882	.00149	338.93	.00073	.02770

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7052	-.00006	.02224	.20494	.59939	.00242	.00466
Stddev	.0230	.00014	.01086	.01650	.00205	.00085	.00058
%RSD	1.3509	220.92	48.823	8.0497	.34172	35.239	12.403

#1	1.7248	.00005	.01147	.20962	.59736	.00313	.00532
#2	1.6798	-.00022	.02206	.21860	.59937	.00267	.00422
#3	1.7110	-.00002	.03318	.18661	.60145	.00147	.00444

Sample Name: K1595-08 Acquired: 2/26/2019 22:01:22 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-MH-C02 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02302	.0283	.05363	5.7672	F<.00000
Stddev	.00040	.0011	.00011	.1273	.16196
%RSD	1.7205	4.014	.21123	2.2080	.77970

#1	.02260	.0289	.05374	5.8602	-20.876
#2	.02309	.0270	.05364	5.8193	-20.585
#3	.02338	.0290	.05351	5.6221	-20.855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3349.3	40459.	4235.3	17.033	3317.5
Stddev	6.3	107.	13.8	1.271	21.5
%RSD	.18868	.26515	.32622	7.4619	.64708

#1	3347.2	40356.	4236.1	17.058	3339.8
#2	3356.4	40570.	4248.6	18.292	3297.0
#3	3344.3	40451.	4221.0	15.750	3315.7

Sample Name: CCV11 Acquired: 2/26/2019 22:05:55 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14595 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9712	5.0753	5.0078	4.9894	5.0225	9.1447	9.9577	.25304
Stddev	.0175	.0262	.0147	.0171	.0286	.0559	.0636	.00069
%RSD	.35101	.51570	.29371	.34281	.56992	.61149	.63864	.27276
#1	4.9901	5.0966	5.0247	5.0080	5.0487	9.1607	9.9124	.25289
#2	4.9678	5.0833	5.0014	4.9857	5.0269	9.0825	10.030	.25244
#3	4.9557	5.0461	4.9974	4.9744	4.9919	9.1908	9.9302	.25379
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4851	24.816	.97817	2.4959	1.2327	5.3168	2.4358	24.564
Stddev	.0083	.058	.00218	.0058	.0062	.0263	.0084	.048
%RSD	.33412	.23372	.22287	.23113	.49919	.49435	.34705	.19460
#1	2.4928	24.879	.97805	2.5024	1.2385	5.2938	2.4455	24.619
#2	2.4863	24.806	.97605	2.4938	1.2334	5.3454	2.4322	24.538
#3	2.4763	24.764	.98041	2.4915	1.2263	5.3111	2.4297	24.535
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4413	1.2337	25.198	2.4255	2.5305	24.060	5.1281	4.6241
Stddev	.0037	.0013	.219	.0041	.0122	.157	.0238	.0080
%RSD	.15247	.10740	.86824	.16844	.48050	.65170	.46423	.17262
#1	2.4455	1.2339	25.090	2.4208	2.5433	24.028	5.1540	4.6330
#2	2.4400	1.2323	25.449	2.4273	2.5291	24.231	5.1232	4.6176
#3	2.4384	1.2349	25.053	2.4284	2.5191	23.923	5.1071	4.6217
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8214	5.0666	4.8384	4.9595	4.7373	4.895	4.8380	4.5087
Stddev	.0302	.0244	.0213	.0036	.0348	.022	.0360	.0487
%RSD	.62550	.48173	.43946	.07262	.73464	.4596	.74442	1.0810
#1	4.8098	5.0660	4.8595	4.9634	4.7190	4.918	4.8136	4.4581
#2	4.8556	5.0913	4.8389	4.9562	4.7774	4.892	4.8794	4.5126
#3	4.7987	5.0425	4.8169	4.9589	4.7154	4.874	4.8210	4.5554

Sample Name: CCV11 Acquired: 2/26/2019 22:05:55 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14595 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4384
Stddev	.5809
%RSD	23.825

#1	2.3500
#2	1.9067
#3	3.0585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.7	42723.	4293.0	16.989	3453.7
Stddev	10.1	24.	21.6	.831	5.6
%RSD	.28918	.05630	.50215	4.8917	.16186

#1	3486.0	42739.	4313.6	17.433	3447.3
#2	3502.8	42735.	4270.6	17.503	3456.6
#3	3504.2	42696.	4294.7	16.030	3457.3

Sample Name: CCB11 Acquired: 2/26/2019 22:09:55 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14595 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	.00130	-.00018	.00185	-.00005	-.01279	-.01132
Stddev	.00116	.00131	.00072	.00058	.00145	.00977	.00348
%RSD	28.654	100.59	412.94	31.506	3218.6	76.418	30.768

#1	.00522	.00269	-.00043	.00185	-.00062	-.01751	-.01440
#2	.00290	.00010	-.00073	.00243	.00160	-.01931	-.00754
#3	.00402	.00111	.00064	.00127	-.00112	-.00155	-.01201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00018	-.00424	-.00029	.00008	-.00010	.00572
Stddev	.00010	.00008	.00844	.00036	.00012	.00050	.00208
%RSD	276.56	42.580	198.87	123.60	143.93	520.35	36.403

#1	.00014	.00017	-.00315	-.00069	-.00005	-.00035	.00383
#2	.00001	.00026	.00359	-.00020	.00010	-.00042	.00795
#3	-.00004	.00011	-.01318	.00001	.00019	.00048	.00538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00544	-.00008	.00137	.41151	-.00011	-.00037
Stddev	.00003	.04932	.00017	.00023	.00727	.00037	.00012
%RSD	99.334	907.00	202.59	17.120	1.7661	335.93	30.860

#1	.00005	.04483	.00010	.00164	.40407	-.00039	-.00024
#2	-.00000	.02136	-.00023	.00121	.41187	.00031	-.00042
#3	.00006	-.04988	-.00011	.00126	.41859	-.00025	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22837	.00020	-.00316	F .06178	.00063	.00021	-.00087
Stddev	.02677	.00034	.00233	.01294	.00200	.00053	.00392
%RSD	11.724	173.93	73.775	20.946	317.15	251.26	448.03

#1	.25838	-.00004	-.00416	.06373	.00292	.00054	-.00506
#2	.21976	.00059	-.00483	.07363	-.00022	.00048	.00270
#3	.20696	.00004	-.00050	.04798	-.00080	-.00040	-.00027

Sample Name: CCB11 Acquired: 2/26/2019 22:09:55 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14595 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00734	-.0009	-.00003	F 2.2634	F<.00000
Stddev	.00180	.0004	.00006	.2862	.74663
%RSD	24.510	45.27	225.91	12.646	370.72
#1	.00789	-.0006	.00004	2.5258	-1.0390
#2	.00881	-.0013	-.00007	2.3063	.04071
#3	.00534	-.0007	-.00006	1.9582	.39412
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.6	45008.	4360.2	20.750	3951.0
Stddev	17.8	110.	19.8	1.166	11.6
%RSD	.48690	.24420	.45488	5.6169	.29462
#1	3664.8	44953.	4378.6	21.617	3952.2
#2	3674.3	44936.	4339.2	21.208	3962.0
#3	3639.8	45135.	4362.7	19.425	3938.8

Sample Name: K1596-04 Acquired: 2/26/2019 22:14:24 Type: Unk
Method: P4-ICP2(v2892) 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	-.00099	-.00472	.02193	.00124	.00164	.06717	.15592	.00005
Stddev	.00439	.00059	.00076	.00155	.00123	.00474	.00520	.00005
%RSD	445.60	12.583	3.4886	125.36	75.097	7.0571	3.3325	91.267

#1	.00127	-.00418	.02261	-.00005	.00029	.06492	.16166	.00009
#2	.00182	-.00461	.02110	.00081	.00195	.06397	.15457	.00000
#3	-.00604	-.00536	.02208	.00296	.00270	.07261	.15153	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	122.52	.00138	.00793	.00335	.01074	.47204	5.5611
Stddev	.00006	.49	.00025	.00015	.00053	.00100	.00216	.0334
%RSD	8.6731	.39796	18.013	1.8987	15.943	9.3306	.45862	.60041

#1	.00061	122.60	.00122	.00808	.00388	.01189	.47013	5.5335
#2	.00072	122.97	.00126	.00793	.00281	.01027	.47439	5.5516
#3	.00070	122.00	.00167	.00777	.00335	.01005	.47159	5.5982

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00725	.00055	323.24	-.00027	.18419	2.5268	.00094	.01852
Stddev	.00028	.00065	3.76	.00023	.00029	.0232	.00015	.01095
%RSD	3.9105	119.31	1.1644	86.738	.15827	.91768	15.815	59.144

#1	.00693	.00122	324.95	-.00053	.18405	2.5236	.00081	.02609
#2	.00735	-.00008	325.84	-.00010	.18452	2.5054	.00110	.02350
#3	.00747	.00050	318.92	-.00017	.18399	2.5515	.00092	.00596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2017	5.0302	.00309	-.00332	.03265	.0042	.29528	5.6271
Stddev	.0301	.0439	.00028	.00121	.00428	.0017	.00198	.1177
%RSD	1.3660	.87255	9.0546	36.566	13.094	40.23	.66948	2.0912

#1	2.2165	5.0332	.00290	-.00394	.02783	.0045	.29695	5.7597
#2	2.2215	5.0726	.00341	-.00192	.03416	.0024	.29579	5.5867
#3	2.1671	4.9849	.00297	-.00409	.03597	.0058	.29310	5.5350

Sample Name: K1596-04 Acquired: 2/26/2019 22:14:24 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.387
Stddev	.893
%RSD	7.2101

#1	11.789
#2	11.959
#3	13.414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.3	40475.	4283.4	17.329	3304.0
Stddev	10.7	144.	59.1	1.231	10.2
%RSD	.32172	.35611	1.3804	7.1047	.30769

#1	3341.2	40419.	4261.0	16.916	3292.5
#2	3322.9	40367.	4238.7	16.357	3311.8
#3	3341.7	40639.	4350.4	18.714	3307.7

Sample Name: K1596-05 Acquired: 2/26/2019 22:18:57 Type: Unk
Method: P4-ICP2(v2892) 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	-.00114	-.00479	.01989	.00511	.00135	.04358	.12674	.00002
Stddev	.00365	.00086	.00038	.00231	.00127	.01380	.00501	.00006
%RSD	321.36	18.004	1.9328	45.146	94.422	31.658	3.9564	344.30

#1	-.00137	-.00569	.02026	.00522	.00254	.05689	.13191	-.00005
#2	-.00467	-.00471	.01949	.00736	.00001	.04449	.12640	.00005
#3	.00263	-.00397	.01992	.00275	.00149	.02935	.12190	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	130.90	.00083	.00473	.00566	.01727	.39051	2.9093
Stddev	.00009	1.24	.00049	.00026	.00060	.00153	.00124	.0094
%RSD	15.251	.94898	58.566	5.4244	10.519	8.8723	.31779	.32378

#1	.00052	131.59	.00062	.00444	.00634	.01632	.39194	2.8990
#2	.00071	131.64	.00139	.00492	.00540	.01904	.38975	2.9118
#3	.00061	129.46	.00049	.00482	.00524	.01645	.38983	2.9173

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00509	.00051	314.98	.00013	.34580	2.4074	.00056	.00136
Stddev	.00014	.00011	4.62	.00016	.00065	.0520	.00042	.00378
%RSD	2.6863	20.931	1.4672	124.62	.18753	2.1607	74.807	279.03

#1	.00515	.00039	313.15	.00002	.34592	2.3714	.00050	.00129
#2	.00518	.00058	320.24	.00031	.34638	2.4670	.00100	-.00239
#3	.00493	.00056	311.56	.00005	.34510	2.3837	.00017	.00517

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6574	4.2689	.00239	-.00308	.03854	.0075	.33671	5.3032
Stddev	.0070	.0512	.00104	.00190	.00125	.0008	.00342	.0896
%RSD	.26301	1.1991	43.700	61.692	3.2358	10.56	1.0168	1.6889

#1	2.6583	4.3054	.00199	-.00212	.03952	.0066	.33931	5.2447
#2	2.6500	4.2908	.00357	-.00527	.03895	.0081	.33798	5.4063
#3	2.6639	4.2104	.00160	-.00185	.03714	.0078	.33283	5.2586

Sample Name: K1596-05 Acquired: 2/26/2019 22:18:57 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.039
 Stddev .935
 %RSD 7.1680

#1 12.076
 #2 13.101
 #3 13.942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.1	40450.	4288.3	17.296	3300.8
Stddev	14.4	90.	56.9	.256	9.3
%RSD	.42954	.22180	1.3273	1.4808	.28272

#1	3346.0	40348.	4251.2	17.532	3290.7
#2	3361.9	40486.	4259.8	17.331	3302.4
#3	3333.2	40517.	4353.8	17.024	3309.2

Sample Name: K1596-06 Acquired: 2/26/2019 22:23:30 Type: Unk
Method: P4-ICP2(v2892) 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	.00198	-.00458	.01711	.00293	-.00074	.05999	.11579	.00006
Stddev	.00230	.00168	.00153	.00289	.00167	.00999	.00480	.00003
%RSD	115.94	36.747	8.9584	98.652	226.27	16.652	4.1488	60.823

#1	.00284	-.00650	.01847	-.00032	-.00235	.06348	.11972	.00002
#2	-.00062	-.00386	.01545	.00523	.00098	.06776	.11721	.00007
#3	.00373	-.00337	.01740	.00388	-.00084	.04872	.11043	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	112.17	.00040	.00644	.00385	.11972	.50532	2.6935
Stddev	.00008	.14	.00026	.00007	.00011	.00134	.00182	.0273
%RSD	14.533	.12846	65.853	1.1332	2.9075	1.1208	.36014	1.0150

#1	.00050	112.13	.00035	.00639	.00392	.11821	.50433	2.6964
#2	.00049	112.33	.00016	.00641	.00372	.12016	.50421	2.6648
#3	.00063	112.05	.00068	.00653	.00390	.12078	.50742	2.7193

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	.00060	289.21	-.00030	.19264	2.0116	.00109	.00762
Stddev	.00008	.00052	1.72	.00034	.00152	.0563	.00008	.00837
%RSD	1.7871	86.760	.59635	112.34	.78837	2.7968	7.5945	109.84

#1	.00438	.00010	288.19	.00008	.19143	2.0642	.00109	.01498
#2	.00429	.00057	288.23	-.00044	.19216	2.0184	.00118	-.00148
#3	.00423	.00114	291.20	-.00054	.19434	1.9523	.00101	.00936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0315	4.6533	.00264	-.00272	.02839	.0079	.28199	5.0770
Stddev	.0293	.0092	.00045	.00062	.00065	.0027	.00072	.1391
%RSD	1.4402	.19830	17.099	22.852	2.2790	33.55	.25398	2.7401

#1	1.9983	4.6551	.00313	-.00344	.02883	.0064	.28204	5.0113
#2	2.0536	4.6433	.00255	-.00232	.02765	.0110	.28125	5.2368
#3	2.0426	4.6615	.00224	-.00241	.02870	.0064	.28268	4.9830

Sample Name: K1596-06 Acquired: 2/26/2019 22:23:30 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.716
Stddev .775
%RSD 6.0964

#1 13.340
#2 11.848
#3 12.960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.2	41014.	4285.6	17.743	3328.7
Stddev	11.8	73.	11.6	1.414	17.1
%RSD	.34959	.17754	.27013	7.9692	.51278

#1	3365.6	40968.	4297.3	19.300	3348.3
#2	3353.2	41098.	4285.3	16.540	3317.1
#3	3376.7	40975.	4274.1	17.388	3320.7

Sample Name: K1596-06DUP Acquired: 2/26/2019 22:28:04 Type: Unk
Method: P4-ICP2(v2892) 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	.00066	-.00305	.01605	.00412	.00020	.05351	.11495	-.00001
Stddev	.00215	.00096	.00104	.00145	.00163	.00186	.00106	.00002
%RSD	325.50	31.372	6.4631	35.134	797.29	3.4854	.92099	137.00

#1	-.00180	-.00238	.01545	.00355	.00209	.05558	.11468	-.00003
#2	.00221	-.00263	.01725	.00576	-.00064	.05195	.11405	.00001
#3	.00157	-.00415	.01545	.00304	-.00083	.05300	.11612	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	111.80	.00028	.00649	.00398	.11947	.50528	2.6521
Stddev	.00006	1.19	.00016	.00015	.00065	.00301	.00120	.0382
%RSD	9.7974	1.0622	57.364	2.3696	16.314	2.5211	.23655	1.4408

#1	.00068	110.44	.00011	.00665	.00342	.11797	.50404	2.6082
#2	.00056	112.61	.00042	.00634	.00469	.12294	.50537	2.6700
#3	.00062	112.36	.00031	.00646	.00383	.11750	.50643	2.6780

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00428	.00025	286.56	-.00013	.19181	1.9941	.00109	.01063
Stddev	.00017	.00016	4.78	.00018	.00026	.0133	.00032	.01028
%RSD	4.0375	63.726	1.6684	138.80	.13803	.66517	29.045	96.664

#1	.00418	.00020	281.20	-.00033	.19166	2.0028	.00142	.02064
#2	.00419	.00043	288.07	-.00004	.19165	1.9789	.00078	.01114
#3	.00448	.00013	290.39	-.00001	.19211	2.0007	.00108	.00011

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0482	4.6158	.00258	-.00087	.02948	.0081	.28107	5.2449
Stddev	.0159	.0255	.00105	.00159	.00259	.0022	.00365	.2039
%RSD	.77617	.55241	40.771	182.04	8.7889	27.10	1.2978	3.8878

#1	2.0664	4.5882	.00154	-.00202	.02847	.0055	.27687	5.0915
#2	2.0411	4.6206	.00257	.00094	.03243	.0095	.28346	5.4763
#3	2.0371	4.6385	.00364	-.00155	.02755	.0092	.28287	5.1668

Sample Name: K1596-06DUP Acquired: 2/26/2019 22:28:04 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.545
Stddev	.252
%RSD	2.0050

#1	12.386
#2	12.413
#3	12.835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.2	41001.	4315.4	19.206	3345.4
Stddev	24.2	61.	50.3	1.453	10.4
%RSD	.71315	.14977	1.1647	7.5640	.31050

#1	3419.1	41039.	4372.4	19.863	3356.9
#2	3376.0	41033.	4277.5	17.541	3336.7
#3	3378.6	40930.	4296.4	20.214	3342.6

Sample Name: K1596-06LX5 Acquired: 2/26/2019 22:32:38 Type: Unk
Method: P4-ICP2(v2892) 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	.00253	-.00080	.00454	.00481	-.00172	-.00138	.01462	.00010
Stddev	.00404	.00161	.00092	.00313	.00130	.00147	.00325	.00004
%RSD	159.80	202.63	20.177	64.986	75.803	106.39	22.234	45.598

#1	.00395	-.00079	.00554	.00632	-.00167	-.00045	.01544	.00006
#2	.00566	-.00241	.00435	.00691	-.00044	-.00062	.01104	.00009
#3	-.00203	.00082	.00373	.00122	-.00304	-.00308	.01738	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	23.923	.00008	.00130	.00047	.02867	.10792	.53893
Stddev	.00013	.084	.00050	.00004	.00034	.00022	.00051	.02455
%RSD	96.256	.34916	600.85	2.8444	70.958	.75169	.46970	4.5545

#1	.00001	23.894	.00062	.00130	.00009	.02890	.10733	.51262
#2	.00012	23.858	-.00037	.00133	.00067	.02848	.10822	.56121
#3	.00027	24.017	.00000	.00126	.00067	.02862	.10821	.54297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00070	61.507	.00015	.03810	.61209	.00009	.00158
Stddev	.00023	.00052	.180	.00053	.00010	.01619	.00037	.00600
%RSD	88.189	74.413	.29309	348.12	.27233	2.6450	421.28	380.64

#1	.00002	.00131	61.300	.00077	.03820	.62564	-.00034	.00289
#2	.00029	.00042	61.590	-.00020	.03811	.59416	.00031	.00682
#3	.00046	.00039	61.630	-.00010	.03799	.61648	.00029	-.00497

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44175	1.0078	.00106	-.00088	.01456	.0004	.05946	3.8031
Stddev	.01006	.0020	.00050	.00058	.00294	.0013	.00005	.2116
%RSD	2.2783	.19425	47.194	65.867	20.166	297.4	.08971	5.5645

#1	.44986	1.0100	.00080	-.00142	.01385	.0013	.05944	3.9084
#2	.43048	1.0072	.00163	-.00093	.01779	-.0011	.05942	3.9414
#3	.44490	1.0062	.00074	-.00027	.01205	.0012	.05952	3.5595

Sample Name: K1596-06LX5 Acquired: 2/26/2019 22:32:38 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4021
 Stddev .2708
 %RSD 5.0138

#1 5.1585
 #2 5.3541
 #3 5.6938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.0	43095.	4336.9	18.386	3634.9
Stddev	4.5	114.	11.4	.247	3.4
%RSD	.12682	.26419	.26366	1.3429	.09334

#1	3549.0	42987.	4339.5	18.566	3631.1
#2	3540.2	43086.	4324.4	18.487	3636.0
#3	3542.9	43214.	4346.8	18.105	3637.6

Sample Name: K1596-06MS Acquired: 2/26/2019 22:37:04 Type: Unk
Method: P4-ICP2(v2892) 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	.84473	2.0382	1.0244	2.1482	.90219	2.0625	.33980	.21832	.20552
Stddev	.01116	.0026	.0063	.0118	.00406	.0188	.00326	.00026	.00082
%RSD	1.3211	.12711	.61598	.55100	.45015	.91263	.95921	.11865	.39811
#1	.84726	2.0403	1.0204	2.1574	.90404	2.0528	.33779	.21861	.20488
#2	.83252	2.0391	1.0212	2.1349	.89753	2.0842	.33806	.21823	.20523
#3	.85441	2.0353	1.0317	2.1524	.90500	2.0505	.34356	.21812	.20644
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.19	.42332	.21596	.31381	3.3899	.74162	4.9577	.51674	.07622
Stddev	.54	.00077	.00097	.00166	.0054	.00249	.0788	.00148	.00011
%RSD	.44414	.18217	.44730	.52889	.15947	.33568	1.5895	.28634	.14302
#1	121.58	.42411	.21529	.31456	3.3856	.74186	4.8985	.51520	.07619
#2	122.37	.42328	.21552	.31191	3.3881	.74397	5.0471	.51688	.07634
#3	122.63	.42257	.21707	.31497	3.3959	.73901	4.9273	.51815	.07613
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	315.84	.32336	.42223	12.716	.45839	.29294	2.1625	5.8914	.73189
Stddev	.47	.00034	.00155	.044	.00362	.00686	.0271	.0092	.00299
%RSD	.14848	.10620	.36828	.34919	.78904	2.3417	1.2515	.15535	.40810
#1	315.35	.32370	.42118	12.667	.46037	.28540	2.1727	5.8857	.73139
#2	316.29	.32337	.42149	12.754	.45422	.29881	2.1318	5.8865	.72919
#3	315.87	.32301	.42401	12.727	.46060	.29460	2.1829	5.9019	.73510
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21051	.25568	6.428	.50169	5.9390	2.9034			
Stddev	.00153	.00154	.015	.00278	.1459	.6155			
%RSD	.72764	.60268	.2251	.55502	2.4572	21.199			
#1	.20948	.25418	6.415	.49852	6.0446	3.3806			
#2	.21227	.25726	6.424	.50373	5.9999	3.1208			
#3	.20978	.25561	6.444	.50283	5.7725	2.2087			

Sample Name: K1596-06MS Acquired: 2/26/2019 22:37:04 Type: Unk
Method: P4-ICP2(v2892) 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	3355.9	40581.	4211.1	18.409	3308.7
Stddev	21.9	218.	11.8	1.928	5.7
%RSD	.65394	.53792	.27918	10.474	.17207
#1	3342.0	40521.	4210.8	17.791	3313.3
#2	3381.2	40399.	4199.5	20.571	3310.5
#3	3344.6	40823.	4223.0	16.866	3302.3

Sample Name: K1596-06MSD Acquired: 2/26/2019 22:41:21 Type: Unk
Method: P4-ICP2(v2892) 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	.85186	2.0649	1.0401	2.1836	.91583	2.1025	.35030	.22262	.20879
Stddev	.01004	.0055	.0030	.0225	.00778	.0203	.00147	.00054	.00052
%RSD	1.1785	.26379	.28774	1.0324	.84977	.96733	.42090	.24155	.25109

#1	.85519	2.0671	1.0366	2.1775	.92030	2.0792	.34877	.22220	.20849
#2	.84057	2.0587	1.0421	2.1647	.90685	2.1165	.35171	.22245	.20848
#3	.85980	2.0689	1.0415	2.2085	.92035	2.1119	.35043	.22323	.20940

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	123.56	.42945	.21949	.31808	3.4163	.75486	5.0259	.52475	.07729
Stddev	.96	.00144	.00041	.00258	.0607	.00262	.0491	.00181	.00078
%RSD	.77323	.33499	.18507	.81265	1.7768	.34669	.97593	.34488	1.0096

#1	124.40	.42842	.21908	.31651	3.4818	.75213	5.0142	.52419	.07721
#2	122.52	.42885	.21949	.31667	3.3620	.75735	4.9838	.52328	.07811
#3	123.77	.43110	.21989	.32106	3.4051	.75510	5.0797	.52677	.07656

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	316.61	.32718	.42772	12.904	.46659	.30129	2.2072	5.9136	.74417
Stddev	3.14	.00182	.00022	.057	.00335	.00209	.0320	.0909	.00453
%RSD	.99290	.55703	.05039	.44016	.71877	.69373	1.4487	1.5379	.60806

#1	318.67	.32633	.42754	12.945	.46567	.30340	2.2292	5.9887	.73912
#2	313.00	.32593	.42796	12.927	.46379	.30125	2.1705	5.8125	.74553
#3	318.18	.32927	.42766	12.839	.47031	.29922	2.2219	5.9396	.74785

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21301	.26046	6.528	.50728	6.2162	2.8721			
Stddev	.00073	.00200	.016	.00376	.1959	.9195			
%RSD	.34247	.76690	.2448	.74183	3.1511	32.015			

#1	.21231	.25825	6.509	.51102	6.3896	3.5035			
#2	.21295	.26214	6.538	.50349	6.0037	1.8171			
#3	.21377	.26099	6.535	.50733	6.2552	3.2956			

Sample Name: K1596-06MSD Acquired: 2/26/2019 22:41:21 Type: Unk
Method: P4-ICP2(v2892) 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	3315.9	39964.	4183.2	18.063	3267.0
Stddev	13.9	114.	57.3	.600	9.5
%RSD	.41817	.28409	1.3698	3.3236	.29000
#1	3315.1	40091.	4122.5	17.572	3269.9
#2	3330.2	39873.	4236.4	18.732	3256.5
#3	3302.5	39927.	4190.6	17.883	3274.8

Sample Name: K1596-06A Acquired: 2/26/2019 22:45:37 Type: Unk
Method: P4-ICP2(v2892) 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	.85005	2.0578	1.0336	2.1769	.91176	2.0731	.34503	.22055	.20809
Stddev	.00197	.0052	.0039	.0217	.00901	.0142	.00313	.00065	.00020
%RSD	.23169	.25083	.38161	.99779	.98782	.68336	.90578	.29430	.09813

#1	.84936	2.0615	1.0380	2.1932	.92048	2.0593	.34147	.21983	.20806
#2	.85227	2.0519	1.0305	2.1854	.91232	2.0876	.34731	.22073	.20790
#3	.84852	2.0599	1.0322	2.1523	.90249	2.0723	.34632	.22109	.20831

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	124.37	.42686	.21884	.31657	3.4174	.75269	5.0150	.52251	.07677
Stddev	.07	.00011	.00042	.00198	.0080	.00170	.0453	.00098	.00077
%RSD	.05892	.02629	.19378	.62662	.23462	.22623	.90249	.18750	1.0021

#1	124.34	.42687	.21915	.31663	3.4137	.75466	4.9641	.52198	.07605
#2	124.32	.42675	.21836	.31852	3.4120	.75170	5.0301	.52191	.07758
#3	124.45	.42698	.21902	.31456	3.4267	.75171	5.0507	.52364	.07670

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	318.33	.32567	.42790	12.929	.46379	.30112	2.2197	5.9429	.74110
Stddev	.64	.00182	.00042	.111	.00218	.00909	.0215	.0048	.00071
%RSD	.19998	.55753	.09728	.85816	.47047	3.0195	.96851	.08057	.09578

#1	317.60	.32774	.42827	12.849	.46576	.30962	2.2348	5.9483	.74031
#2	318.63	.32434	.42745	12.883	.46418	.29154	2.2293	5.9391	.74168
#3	318.77	.32493	.42798	13.056	.46144	.30220	2.1951	5.9413	.74132

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21159	.26169	6.501	.50891	6.2707	2.8520			
Stddev	.00264	.00442	.004	.00235	.2584	.1844			
%RSD	1.2464	1.6895	.0554	.46229	4.1211	6.4648			

#1	.20889	.25884	6.497	.50796	6.0917	2.6422			
#2	.21172	.25944	6.503	.50718	6.1535	2.9251			
#3	.21416	.26678	6.502	.51159	6.5670	2.9885			

Sample Name: K1596-06A Acquired: 2/26/2019 22:45:37 Type: Unk
 Method: P4-ICP2(v2892) 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	3327.3	40187.	4184.0	18.279	3277.4
Stddev	33.9	125.	14.4	1.412	17.8
%RSD	1.0178	.31216	.34491	7.7238	.54249
#1	3298.6	40172.	4178.1	17.566	3258.5
#2	3318.7	40319.	4200.5	19.905	3279.8
#3	3364.7	40070.	4173.5	17.366	3293.8

Sample Name: K1348-08 Acquired: 2/26/2019 22:49:52 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00315	.00857	.00443	-.00254	.07310	.07334	.00014
Stddev	.00227	.00112	.00023	.00434	.00179	.00335	.00072	.00008
%RSD	68883.	35.521	2.6416	98.117	70.553	4.5838	.98281	58.048

#1	.00261	-.00188	.00882	-.00029	-.00191	.07192	.07399	.00023
#2	-.00112	-.00399	.00852	.00826	-.00456	.07050	.07347	.00008
#3	-.00149	-.00358	.00838	.00531	-.00114	.07688	.07257	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	39.875	.00013	.00217	.00266	.15087	.45126	2.5337
Stddev	.00009	.087	.00023	.00014	.00013	.00301	.00178	.0393
%RSD	375.27	.21870	178.54	6.2256	4.9349	1.9920	.39385	1.5503

#1	-.00007	39.823	.00036	.00219	.00271	.15226	.45158	2.5733
#2	.00008	39.826	-.00009	.00229	.00276	.15293	.45286	2.4947
#3	-.00009	39.976	.00010	.00202	.00251	.14742	.44935	2.5332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	.00110	279.25	-.00107	.01796	1.0092	.00015	.00299
Stddev	.00045	.00012	1.69	.00049	.00015	.0447	.00027	.00288
%RSD	35.051	10.593	.60350	45.845	.80776	4.4303	185.58	96.263

#1	.00152	.00123	279.55	-.00062	.01784	.97032	.00017	.00016
#2	.00076	.00101	280.77	-.00159	.01812	1.0581	.00040	.00591
#3	.00156	.00105	277.44	-.00100	.01791	.99934	-.00013	.00290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13819	.31771	.00211	-.00060	.01352	.0019	.14736	4.5872
Stddev	.00101	.00331	.00030	.00136	.00068	.0015	.00023	.1926
%RSD	.73437	1.0413	14.124	225.57	5.0228	79.23	.15746	4.1986

#1	.13819	.31663	.00182	.00009	.01357	.0033	.14729	4.6967
#2	.13921	.32142	.00210	.00027	.01418	.0003	.14762	4.3648
#3	.13718	.31507	.00241	-.00217	.01282	.0022	.14717	4.7001

Sample Name: K1348-08 Acquired: 2/26/2019 22:49:52 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.7068
Stddev	1.4441
%RSD	16.586

#1	10.303
#2	8.3250
#3	7.4920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.1	41437.	4356.8	19.181	3389.0
Stddev	2.3	86.	29.2	.877	19.3
%RSD	.06509	.20757	.67017	4.5721	.56948

#1	3459.9	41350.	4339.7	19.992	3397.2
#2	3462.4	41438.	4340.2	18.250	3366.9
#3	3457.9	41522.	4390.5	19.300	3402.8

Sample Name: K1348-08DUP Acquired: 2/26/2019 22:54:27 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00456	.00943	.00292	-.00021	.07452	.07674	.00007
Stddev	.00185	.00253	.00076	.00225	.00107	.01927	.00277	.00010
%RSD	347.05	55.466	8.0836	77.333	510.99	25.853	3.6062	144.05

#1	-.00172	-.00446	.00862	.00549	.00057	.05228	.07453	.00016
#2	-.00148	-.00714	.01013	.00195	.00023	.08521	.07586	.00008
#3	.00160	-.00208	.00955	.00131	-.00142	.08607	.07984	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	43.493	.00041	.00262	.00340	.16652	.48820	2.7610
Stddev	.00013	.109	.00020	.00032	.00046	.00099	.00100	.0306
%RSD	191.63	.24975	47.778	12.137	13.563	.59426	.20488	1.1075

#1	.00001	43.460	.00037	.00290	.00288	.16763	.48733	2.7340
#2	.00001	43.404	.00023	.00227	.00376	.16617	.48798	2.7547
#3	-.00021	43.614	.00062	.00270	.00355	.16575	.48929	2.7942

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.00127	307.50	-.00094	.01774	1.0883	-.00019	-.00753
Stddev	.00012	.00024	2.13	.00015	.00003	.0358	.00016	.01299
%RSD	5.1062	18.845	.69171	15.722	.16433	3.2911	82.821	172.53

#1	.00227	.00153	305.95	-.00103	.01777	1.0835	-.00035	.00744
#2	.00241	.00106	309.93	-.00077	.01771	1.1263	-.00004	-.01580
#3	.00251	.00122	306.64	-.00102	.01773	1.0551	-.00017	-.01422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15578	.34641	.00197	-.00094	.02377	.0013	.16097	5.4742
Stddev	.01248	.00313	.00037	.00073	.00056	.0007	.00022	.3320
%RSD	8.0097	.90303	18.888	78.230	2.3381	57.39	.13951	6.0643

#1	.15841	.34725	.00215	-.00064	.02385	.0010	.16122	5.6676
#2	.16672	.34295	.00154	-.00039	.02428	.0007	.16080	5.6641
#3	.14219	.34904	.00222	-.00177	.02318	.0021	.16089	5.0909

Sample Name: K1348-08DUP Acquired: 2/26/2019 22:54:27 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.8896
Stddev	.4583
%RSD	4.6343

#1	9.3757
#2	10.037
#3	10.256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.2	40371.	4207.5	17.839	3325.5
Stddev	2.2	123.	13.2	.905	8.6
%RSD	.06590	.30524	.31304	5.0754	.25876

#1	3378.6	40236.	4193.8	17.200	3315.7
#2	3382.7	40401.	4208.7	17.442	3328.7
#3	3382.2	40477.	4220.1	18.875	3332.0

Sample Name: CCV12 Acquired: 2/26/2019 22:59:03 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8948	5.0341	4.9294	4.9595	4.9765	9.1968	10.038	.25059
Stddev	.0112	.0212	.0225	.0127	.0192	.0320	.062	.00019
%RSD	.22804	.42056	.45594	.25714	.38607	.34816	.62240	.07544
#1	4.8890	5.0551	4.9500	4.9450	4.9639	9.1737	10.109	.25037
#2	4.8878	5.0128	4.9055	4.9689	4.9671	9.1833	10.011	.25066
#3	4.9077	5.0346	4.9328	4.9646	4.9986	9.2333	9.9934	.25073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4601	25.061	.98313	2.4653	1.2290	5.3597	2.4322	24.531
Stddev	.0082	.086	.00335	.0082	.0042	.0483	.0031	.109
%RSD	.33292	.34121	.34086	.33369	.34238	.90163	.12888	.44398
#1	2.4683	25.085	.98694	2.4728	1.2265	5.3877	2.4357	24.650
#2	2.4520	24.966	.98184	2.4565	1.2267	5.3039	2.4314	24.438
#3	2.4601	25.132	.98062	2.4665	1.2339	5.3874	2.4295	24.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4321	1.2354	25.305	2.4390	2.4934	24.416	5.0663	4.7104
Stddev	.0081	.0034	.127	.0049	.0075	.126	.0099	.0259
%RSD	.33388	.27181	.49990	.20262	.30238	.51607	.19532	.54923
#1	2.4388	1.2385	25.447	2.4447	2.4994	24.422	5.0639	4.7068
#2	2.4231	1.2358	25.206	2.4365	2.4849	24.287	5.0579	4.6865
#3	2.4345	1.2318	25.261	2.4358	2.4959	24.539	5.0772	4.7378
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7618	5.1052	4.8440	4.9458	4.7750	4.855	4.8584	F 4.2769
Stddev	.0061	.0531	.0217	.0164	.0242	.018	.0201	.1423
%RSD	.12740	1.0406	.44827	.33221	.50574	.3607	.41412	3.3271
#1	4.7663	5.1407	4.8549	4.9476	4.7976	4.876	4.8817	4.3452
#2	4.7549	5.0441	4.8190	4.9285	4.7496	4.844	4.8462	4.1134
#3	4.7641	5.1307	4.8581	4.9612	4.7777	4.847	4.8474	4.3722

Sample Name: CCV12 Acquired: 2/26/2019 22:59:03 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14598 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6773
Stddev	1.1792
%RSD	44.043

#1	1.3158
#2	3.3728
#3	3.3434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.2	42630.	4238.4	17.112	3492.1
Stddev	14.1	126.	17.9	1.027	18.6
%RSD	.39855	.29564	.42124	6.0035	.53405

#1	3538.1	42645.	4223.5	15.983	3482.3
#2	3547.7	42498.	4258.2	17.359	3513.6
#3	3519.9	42748.	4233.6	17.993	3480.5

Sample Name: CCB12 Acquired: 2/26/2019 23:03:04 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00118	.00057	.00243	-.00037	-.00671	-.00907
Stddev	.00091	.00129	.00081	.00009	.00107	.00111	.00085
%RSD	113.60	109.71	143.24	3.8936	290.06	16.466	9.3727

#1	.00028	.00087	.00060	.00252	.00034	-.00552	-.00949
#2	.00185	.00259	-.00026	.00243	.00015	-.00770	-.00962
#3	.00027	.00006	.00136	.00233	-.00160	-.00693	-.00809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00018	-.00380	-.00004	.00016	-.00025	.00491
Stddev	.00002	.00003	.01844	.00030	.00014	.00031	.00176
%RSD	16.551	18.864	485.86	734.70	88.655	122.71	35.912

#1	.00011	.00015	-.01804	-.00038	.00026	-.00055	.00681
#2	.00014	.00017	-.01038	.00016	-.00000	.00006	.00461
#3	.00016	.00022	.01703	.00010	.00023	-.00027	.00332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.02950	-.00021	.00152	.32518	-.00012	-.00044
Stddev	.00004	.00696	.00022	.00020	.00656	.00021	.00005
%RSD	138.71	23.597	103.87	13.126	2.0165	172.44	12.189

#1	.00006	-.03701	-.00038	.00163	.32095	-.00010	-.00042
#2	-.00001	-.02822	-.00030	.00129	.33274	.00008	-.00050
#3	.00004	-.02327	.00004	.00164	.32186	-.00035	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18562	-.00008	.00853	F .06269	-.00145	.00024	-.00125
Stddev	.03302	.00059	.00286	.00419	.00159	.00008	.00237
%RSD	17.790	693.29	33.495	6.6833	109.65	31.321	190.39

#1	.21592	.00059	.00644	.06191	-.00309	.00031	-.00378
#2	.19052	-.00051	.01179	.06721	.00009	.00016	.00092
#3	.15042	-.00033	.00736	.05894	-.00135	.00027	-.00088

Sample Name: CCB12 Acquired: 2/26/2019 23:03:04 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14598 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00720	-.0009	-.00003	F 2.2375	F<.00000
Stddev	.00148	.0012	.00004	.2515	1.3189
%RSD	20.594	126.4	141.53	11.238	311.35

#1	.00888	.0004	.00002	1.9472	-1.1935
#2	.00666	-.0016	-.00006	2.3875	-1.1765
#3	.00607	-.0017	-.00005	2.3779	1.0993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.0	44876.	4313.8	18.497	3976.9
Stddev	6.0	92.	17.7	.646	3.8
%RSD	.16205	.20598	.40931	3.4921	.09437

#1	3688.1	44947.	4320.2	18.483	3974.0
#2	3698.8	44909.	4327.4	17.858	3975.6
#3	3698.0	44771.	4293.9	19.150	3981.1

Sample Name: K1348-08LX5 Acquired: 2/26/2019 23:07:32 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7968 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00097	.00229	.00228	-.00044	.00874	.01011	.00004
Stddev	.00287	.00059	.00040	.00201	.00265	.00197	.00292	.00005
%RSD	466.28	60.850	17.310	88.442	608.50	22.528	28.865	127.34
#1	-.00223	-.00111	.00192	.00013	.00009	.00711	.01043	.00003
#2	.00350	-.00032	.00271	.00413	-.00331	.01093	.00705	-.00000
#3	.00057	-.00147	.00224	.00257	.00191	.00819	.01286	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	8.7196	-.00015	.00047	.00265	.03838	.09913	.54863
Stddev	.00007	.0701	.00020	.00011	.00074	.00061	.00037	.04199
%RSD	65.029	.80342	135.05	23.397	28.080	1.5890	.37222	7.6530
#1	.00008	8.7727	-.00026	.00034	.00295	.03908	.09879	.57499
#2	.00019	8.7459	.00008	.00053	.00180	.03793	.09908	.57070
#3	.00005	8.6402	-.00027	.00054	.00320	.03815	.09952	.50021
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00198	62.794	.00033	.00318	.30257	-.00039	.00446
Stddev	.00010	.00017	.450	.00048	.00013	.05724	.00023	.00997
%RSD	17.259	8.5474	.71629	145.03	4.2188	18.919	59.530	223.84
#1	-.00060	.00217	63.022	-.00014	.00316	.36731	-.00051	-.00576
#2	-.00070	.00183	63.085	.00031	.00305	.28175	-.00012	.00495
#3	-.00050	.00195	62.276	.00083	.00332	.25865	-.00055	.01417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07360	.07347	.00040	-.00158	.00887	.0005	.03190	3.4390
Stddev	.01004	.00276	.00071	.00166	.00109	.0009	.00025	.1523
%RSD	13.643	3.7533	178.95	105.07	12.281	189.2	.78477	4.4289
#1	.06607	.07442	.00122	-.00331	.01010	-.0004	.03193	3.2882
#2	.08500	.07563	-.00001	-.00143	.00804	.0004	.03214	3.4362
#3	.06972	.07036	-.00001	-.00000	.00847	.0015	.03164	3.5928

Sample Name: K1348-08LX5 Acquired: 2/26/2019 23:07:32 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7968 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6116
Stddev	.2575
%RSD	7.1298

#1	3.7956
#2	3.7219
#3	3.3173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.2	43323.	4307.1	18.514	3666.9
Stddev	9.0	98.	31.1	.795	6.6
%RSD	.24938	.22683	.72210	4.2932	.17955

#1	3610.5	43313.	4293.9	17.874	3673.8
#2	3592.6	43230.	4284.7	19.403	3660.6
#3	3600.6	43426.	4342.6	18.264	3666.5

Sample Name: K1348-08MS Acquired: 2/26/2019 23:12:00 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81066	2.0062	1.0006	2.0897	.82421	2.0518	.29294	.21112
Stddev	.00852	.0150	.0060	.0199	.00799	.0129	.00583	.00070
%RSD	1.0515	.74725	.59723	.95018	.96993	.62847	1.9902	.32985
#1	.82041	2.0235	1.0075	2.1121	.83191	2.0513	.29724	.21159
#2	.80701	1.9975	.99679	2.0824	.82478	2.0392	.29527	.21144
#3	.80458	1.9976	.99752	2.0745	.81595	2.0650	.28630	.21032
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20284	44.161	.41324	.20824	.30644	3.3567	.67795	4.6984
Stddev	.00161	.133	.00132	.00188	.00262	.0155	.00075	.0309
%RSD	.79512	.30184	.31956	.90494	.85629	.46093	.11085	.65696
#1	.20467	44.019	.41476	.21038	.30930	3.3650	.67716	4.7333
#2	.20220	44.283	.41261	.20684	.30588	3.3661	.67866	4.6874
#3	.20164	44.181	.41236	.20750	.30414	3.3388	.67804	4.6746
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50852	.07435	307.43	.31431	.23249	11.350	.41937	.29028
Stddev	.00367	.00062	1.93	.00169	.00195	.078	.00331	.00225
%RSD	.72193	.83012	.62626	.53891	.83963	.68979	.78989	.77369
#1	.51239	.07468	305.51	.31626	.23472	11.389	.42316	.29179
#2	.50808	.07473	309.36	.31331	.23107	11.260	.41704	.28770
#3	.50508	.07364	307.40	.31335	.23168	11.401	.41791	.29136
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12947	1.2784	.68650	.19702	.23535	6.258	.34710	5.5003
Stddev	.00692	.0042	.00750	.00195	.00309	.060	.00237	.1661
%RSD	5.3426	.32984	1.0918	.98998	1.3146	.9632	.68276	3.0200
#1	.12214	1.2796	.69437	.19871	.23185	6.326	.34459	5.6336
#2	.13039	1.2737	.67944	.19489	.23648	6.211	.34930	5.5531
#3	.13588	1.2818	.68568	.19745	.23771	6.238	.34742	5.3142

Sample Name: K1348-08MS Acquired: 2/26/2019 23:12:00 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.66627
%RSD	102.66

#1	-1.3447
#2	-.01661
#3	-.58582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3437.8	41178.	4269.9	18.126	3360.6
Stddev	17.4	151.	22.5	.648	20.4
%RSD	.50492	.36633	.52730	3.5769	.60814

#1	3418.1	41342.	4281.1	18.477	3337.0
#2	3444.5	41046.	4243.9	17.378	3371.4
#3	3450.8	41145.	4284.5	18.523	3373.3

Sample Name: K1348-08MSD Acquired: 2/26/2019 23:16:16 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80599	1.9962	.99061	2.0763	.81816	2.0056	.28320	.20912
Stddev	.00380	.0084	.00270	.0091	.00324	.0238	.00399	.00066
%RSD	.47174	.42250	.27249	.43823	.39571	1.1864	1.4076	.31533
#1	.80918	2.0058	.99035	2.0825	.82064	2.0170	.28505	.20981
#2	.80178	1.9901	.99343	2.0658	.81933	1.9783	.28593	.20905
#3	.80700	1.9927	.98805	2.0805	.81450	2.0216	.27863	.20850
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20067	43.918	.40975	.20585	.30493	3.3779	.67324	4.7162
Stddev	.00047	.134	.00151	.00040	.00102	.0246	.00138	.0241
%RSD	.23428	.30452	.36830	.19603	.33455	.72911	.20529	.51114
#1	.20100	44.004	.40934	.20603	.30608	3.3889	.67225	4.7140
#2	.20086	43.986	.40850	.20614	.30415	3.3951	.67264	4.6933
#3	.20013	43.764	.41143	.20539	.30456	3.3497	.67482	4.7414
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50335	.07338	305.92	.31211	.22969	11.345	.41643	.27264
Stddev	.00074	.00033	2.66	.00082	.00057	.026	.00165	.00787
%RSD	.14617	.45127	.87000	.26426	.24812	.22633	.39739	2.8874
#1	.50414	.07323	304.71	.31153	.23020	11.331	.41746	.28090
#2	.50268	.07316	308.97	.31306	.22980	11.375	.41452	.27180
#3	.50323	.07376	304.08	.31175	.22908	11.329	.41732	.26522
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14214	1.2833	.67866	.19558	.23503	6.212	.34802	5.0728
Stddev	.00662	.0158	.00102	.00173	.00416	.015	.00211	.2442
%RSD	4.6568	1.2313	.15055	.88329	1.7695	.2394	.60741	4.8136
#1	.13680	1.2754	.67815	.19363	.23025	6.228	.34912	5.2883
#2	.14955	1.3015	.67800	.19618	.23781	6.198	.34935	4.8076
#3	.14008	1.2730	.67984	.19692	.23702	6.210	.34558	5.1227

Sample Name: K1348-08MSD Acquired: 2/26/2019 23:16:16 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-022519 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0005
%RSD	159.37

#1	.42409
#2	-.74000
#3	-1.5675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.3	41574.	4259.7	19.004	3384.9
Stddev	4.6	44.	26.2	1.472	4.9
%RSD	.13396	.10662	.61591	7.7458	.14353

#1	3443.0	41559.	4255.4	18.335	3385.2
#2	3450.8	41624.	4235.9	17.986	3379.9
#3	3451.2	41539.	4287.9	20.692	3389.6

Sample Name: K1348-08A Acquired: 2/26/2019 23:20:32 Type: Unk
Method: P4-ICP2(v2892) 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	.81603	2.0188	.99819	2.0951	.82897	2.0571	.28855	.21188	.20283
Stddev	.01002	.0067	.00136	.0191	.01016	.0325	.00232	.00010	.00013
%RSD	1.2283	.33173	.13656	.91161	1.2260	1.5810	.80378	.04574	.06603
#1	.82754	2.0257	.99744	2.1158	.84070	2.0416	.29087	.21187	.20272
#2	.80927	2.0123	.99976	2.0782	.82308	2.0944	.28856	.21178	.20279
#3	.81127	2.0185	.99737	2.0912	.82312	2.0352	.28623	.21198	.20298
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.093	.41605	.20875	.30777	3.3913	.69167	4.8316	.50819	.07468
Stddev	.157	.00230	.00081	.00416	.0407	.00065	.0585	.00046	.00059
%RSD	.34893	.55301	.38865	1.3521	1.1988	.09435	1.2102	.09051	.78721
#1	45.103	.41852	.20968	.31242	3.4228	.69242	4.7675	.50867	.07461
#2	45.245	.41397	.20828	.30439	3.3454	.69123	4.8451	.50815	.07530
#3	44.931	.41566	.20828	.30650	3.4055	.69135	4.8820	.50776	.07413
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	314.11	.31570	.23180	11.532	.42195	.28794	.13905	1.3064	.68833
Stddev	4.76	.00032	.00052	.016	.00510	.00220	.00930	.0135	.00166
%RSD	1.5162	.10042	.22640	.13691	1.2097	.76363	6.6885	1.0298	.24151
#1	312.71	.31598	.23239	11.550	.42769	.28628	.14167	1.3050	.68958
#2	310.20	.31577	.23139	11.521	.41792	.29043	.12873	1.2937	.68644
#3	319.41	.31536	.23162	11.526	.42025	.28711	.14677	1.3205	.68897
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20024	.23868	6.287	.35224	5.1119	.94963			
Stddev	.00155	.00387	.006	.00322	.1660	1.1951			
%RSD	.77476	1.6209	.0900	.91399	3.2471	125.85			
#1	.20138	.24309	6.287	.35514	5.2336	-.41637			
#2	.20087	.23709	6.292	.34878	4.9228	1.8026			
#3	.19847	.23585	6.281	.35280	5.1792	1.4626			

Sample Name: K1348-08A Acquired: 2/26/2019 23:20:32 Type: Unk
Method: P4-ICP2(v2892) 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	3427.5	41010.	4238.7	17.679	3363.5
Stddev	14.0	67.	46.1	1.301	17.4
%RSD	.40802	.16228	1.0886	7.3607	.51766
#1	3414.2	40934.	4211.6	16.404	3383.6
#2	3442.0	41039.	4292.0	19.005	3352.5
#3	3426.2	41057.	4212.5	17.628	3354.5

Sample Name: K1608-01 Acquired: 2/26/2019 23:24:49 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	-.00353	.00632	.00573	.00601	.09144	.28226
Stddev	.00114	.00150	.00058	.00174	.00053	.00351	.00051
%RSD	17.122	42.529	9.1881	30.353	8.8227	3.8332	.18016

#1	.00687	-.00228	.00600	.00391	.00607	.09524	.28270
#2	.00766	-.00520	.00598	.00590	.00651	.08834	.28170
#3	.00541	-.00312	.00700	.00738	.00545	.09074	.28237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00118	35.443	.00046	.01685	.00124	17.433
Stddev	.00007	.00001	.192	.00017	.00029	.00020	.174
%RSD	11.329	.85983	.54239	36.455	1.7098	16.475	.99537

#1	.00058	-.00117	35.223	.00028	.01669	.00119	17.434
#2	.00073	-.00117	35.522	.00062	.01668	.00147	17.259
#3	.00065	-.00119	35.582	.00049	.01718	.00107	17.606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16000	5.6002	.01451	.00056	286.44	.00131	.21945
Stddev	.00317	.0391	.00025	.00058	5.97	.00025	.00111
%RSD	1.9789	.69857	1.7237	103.50	2.0856	18.995	.50438

#1	.16345	5.5644	.01455	.00111	287.78	.00143	.21907
#2	.15934	5.6420	.01425	-.00005	279.90	.00148	.21858
#3	.15722	5.5942	.01474	.00063	291.62	.00102	.22070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98348	.00427	.02856	.42878	.62995	.00295	-.00221
Stddev	.03743	.00038	.01398	.00526	.01193	.00039	.00009
%RSD	3.8061	8.9629	48.963	1.2272	1.8936	13.359	3.9892

#1	.97531	.00391	.04031	.42689	.64207	.00272	-.00230
#2	1.0243	.00422	.01309	.43472	.61823	.00273	-.00212
#3	.95082	.00467	.03228	.42472	.62956	.00341	-.00221

Sample Name: K1608-01 Acquired: 2/26/2019 23:24:49 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02295	.1247	.07440	4.7390	F<.00000
Stddev	.00337	.0009	.00054	.3221	.91211
%RSD	14.663	.6889	.72339	6.7959	5.5381

#1	.01907	.1257	.07425	4.5343	-15.419
#2	.02506	.1243	.07499	4.5725	-16.933
#3	.02473	.1242	.07395	5.1102	-17.057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.9	41165.	4301.6	18.253	3370.2
Stddev	6.1	112.	46.5	2.136	15.3
%RSD	.17658	.27161	1.0821	11.700	.45413

#1	3439.8	41048.	4287.6	17.292	3360.9
#2	3436.9	41176.	4353.5	20.700	3387.8
#3	3428.1	41271.	4263.6	16.767	3361.7

Sample Name: K1610-02 Acquired: 2/26/2019 23:29:22 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00347	.02255	.00433	-.00075	.20800	.14952	.00007
Stddev	.00335	.00125	.00224	.00279	.00093	.01547	.00094	.00001
%RSD	203.59	35.908	9.9416	64.548	123.89	7.4393	.62991	15.134

#1	.00483	-.00407	.02481	.00649	-.00156	.19024	.14919	.00006
#2	-.00185	-.00430	.02250	.00531	-.00095	.21521	.14878	.00008
#3	.00195	-.00204	.02033	.00117	.00026	.21856	.15058	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	22.023	.00073	.00648	.00770	.14756	.33418	1.3577
Stddev	.00003	.044	.00032	.00014	.00066	.00256	.00086	.0451
%RSD	5.1029	.20205	43.015	2.1531	8.5301	1.7379	.25785	3.3240

#1	.00053	21.979	.00091	.00662	.00840	.14969	.33518	1.3455
#2	.00048	22.068	.00037	.00648	.00709	.14471	.33371	1.4077
#3	.00051	22.023	.00092	.00634	.00762	.14828	.33366	1.3200

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	.00127	535.90	.00013	.16128	1.2277	.00019	.00921
Stddev	.00021	.00041	8.08	.00036	.00042	.0640	.00034	.00876
%RSD	6.8256	32.219	1.5086	275.73	.25759	5.2140	180.98	95.116

#1	.00333	.00160	545.00	.00040	.16174	1.2062	.00044	.00816
#2	.00295	.00081	529.55	-.00027	.16094	1.1772	-.00019	.01844
#3	.00298	.00140	533.16	.00026	.16115	1.2997	.00031	.00102

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29355	.85905	.00273	.00297	.02790	.0087	.08942	5.9179
Stddev	.01240	.01417	.00053	.00171	.00280	.0010	.00009	.1721
%RSD	4.2242	1.6489	19.425	57.342	10.052	11.01	.10226	2.9076

#1	.28813	.87310	.00282	.00417	.02507	.0093	.08933	6.1155
#2	.28478	.84478	.00216	.00373	.02795	.0076	.08951	5.8010
#3	.30774	.85928	.00321	.00102	.03068	.0093	.08942	5.8372

Sample Name: K1610-02 Acquired: 2/26/2019 23:29:22 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.304
 Stddev .359
 %RSD 3.4857

#1 10.712
 #2 10.034
 #3 10.167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.4	40056.	4270.3	17.975	3265.4
Stddev	14.4	87.	53.9	.969	3.5
%RSD	.42792	.21597	1.2628	5.3908	.10819

#1	3388.6	39962.	4215.8	17.642	3261.3
#2	3367.4	40072.	4323.6	19.067	3267.8
#3	3361.1	40132.	4271.6	17.217	3267.1

Sample Name: K1610-04 Acquired: 2/26/2019 23:33:56 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.00317	.01419	.00257	.00033	.20839	.11272	-.00000
Stddev	.00083	.00187	.00136	.00060	.00220	.00547	.00318	.00006
%RSD	40.325	59.025	9.6087	23.292	669.17	2.6263	2.8202	3918.9

#1	-.00275	-.00142	.01526	.00274	-.00183	.20442	.11611	.00006
#2	-.00226	-.00514	.01265	.00190	.00256	.21463	.11225	-.00006
#3	-.00114	-.00295	.01465	.00306	.00026	.20611	.10981	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	5.3591	.00110	.00251	.00509	.13043	.15146	1.0383
Stddev	.00004	.0172	.00044	.00023	.00040	.00153	.00085	.0394
%RSD	14.120	.32039	40.180	9.0934	7.7974	1.1746	.55967	3.7977

#1	.00031	5.3635	.00106	.00226	.00523	.13208	.15192	.99618
#2	.00023	5.3736	.00156	.00271	.00464	.12906	.15197	1.0743
#3	.00027	5.3402	.00068	.00256	.00540	.13016	.15048	1.0443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00114	294.91	.00034	.02677	1.1243	-.00020	.00263
Stddev	.00064	.00063	2.22	.00035	.00016	.0098	.00012	.00720
%RSD	225.11	54.717	.75146	103.14	.59199	.86866	58.468	274.22

#1	.00020	.00085	292.38	.00062	.02661	1.1342	-.00026	.01086
#2	.00097	.00072	296.52	.00046	.02676	1.1241	-.00029	-.00251
#3	-.00031	.00186	295.83	-.00006	.02693	1.1146	-.00007	-.00047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14434	.51413	.00170	.00097	.01907	.0034	.03188	4.1634
Stddev	.01882	.00642	.00041	.00212	.00174	.0010	.00005	.1192
%RSD	13.041	1.2495	24.289	218.27	9.1116	30.16	.15002	2.8622

#1	.15905	.51413	.00204	.00288	.01770	.0036	.03191	4.1485
#2	.15085	.52055	.00182	-.00131	.02102	.0044	.03189	4.0524
#3	.12313	.50770	.00124	.00133	.01848	.0023	.03182	4.2894

Sample Name: K1610-04 Acquired: 2/26/2019 23:33:56 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.7921
Stddev	1.2769
%RSD	26.647

#1	4.4361
#2	6.2093
#3	3.7310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.7	41880.	4328.9	17.783	3461.9
Stddev	12.0	95.	17.1	.813	13.9
%RSD	.34347	.22686	.39425	4.5712	.40238

#1	3483.8	41795.	4318.4	17.950	3470.0
#2	3466.2	41982.	4319.6	16.900	3469.9
#3	3489.0	41863.	4348.6	18.500	3445.8

Sample Name: K1610-06 Acquired: 2/26/2019 23:38:32 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00321	.01146	.00123	.00043	.25082	.07060	-.00005
Stddev	.00027	.00202	.00106	.00063	.00105	.01712	.00276	.00008
%RSD	57.800	62.945	9.2621	51.772	245.05	6.8250	3.9042	167.84

#1	-.00077	-.00412	.01158	.00066	.00131	.23373	.07375	.00001
#2	-.00044	-.00089	.01035	.00191	-.00074	.25076	.06943	-.00002
#3	-.00022	-.00461	.01246	.00111	.00071	.26797	.06862	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	9.5147	.00094	.00065	.00342	.23017	.04223	.65397
Stddev	.00007	.0551	.00003	.00002	.00020	.00347	.00030	.04741
%RSD	15.973	.57934	3.6716	2.7200	5.8994	1.5062	.70368	7.2499

#1	.00041	9.5503	.00090	.00067	.00350	.22862	.04249	.59925
#2	.00041	9.4512	.00096	.00066	.00319	.22775	.04231	.68279
#3	.00054	9.5426	.00096	.00064	.00358	.23414	.04191	.67987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00120	331.70	.00078	.05487	.78691	-.00001	-.00616
Stddev	.00023	.00008	1.93	.00022	.00031	.04142	.00015	.01351
%RSD	49.363	6.3789	.58287	28.103	.56407	5.2633	2185.4	219.18

#1	.00044	.00129	329.47	.00053	.05467	.80965	.00002	.00793
#2	.00070	.00118	332.91	.00093	.05472	.73911	-.00017	-.01899
#3	.00024	.00114	332.73	.00089	.05523	.81198	.00013	-.00742

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12947	.77759	.00212	.00656	.01962	.0170	.05574	4.3813
Stddev	.02255	.00765	.00039	.00083	.00164	.0018	.00027	.0496
%RSD	17.417	.98406	18.401	12.650	8.3748	10.62	.48792	1.1319

#1	.15545	.78520	.00252	.00571	.01786	.0167	.05588	4.3838
#2	.11497	.77769	.00211	.00662	.01989	.0154	.05543	4.3305
#3	.11798	.76989	.00174	.00736	.02111	.0189	.05591	4.4296

Sample Name: K1610-06 Acquired: 2/26/2019 23:38:32 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WV-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.8614
Stddev	1.3889
%RSD	20.242

#1	8.0044
#2	5.3156
#3	7.2641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.9	41850.	4342.5	18.556	3444.6
Stddev	4.8	150.	10.7	1.056	16.5
%RSD	.13770	.35877	.24612	5.6925	.47830

#1	3493.4	41761.	4344.1	18.075	3450.2
#2	3485.0	41765.	4331.1	17.825	3457.6
#3	3485.2	42023.	4352.3	19.767	3426.1

Sample Name: K1610-08 Acquired: 2/26/2019 23:43:06 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00230	.01148	.00331	.00101	.19417	.04701	.00005
Stddev	.00198	.00272	.00067	.00279	.00090	.01934	.00392	.00008
%RSD	96.795	117.89	5.8592	84.404	88.746	9.9586	8.3413	168.85

#1	-.00426	.00083	.01223	.00445	.00184	.20303	.04285	-.00003
#2	-.00143	-.00373	.01132	.00012	.00113	.17199	.05064	.00013
#3	-.00044	-.00401	.01091	.00534	.00006	.20749	.04754	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	2.8194	.00124	.00087	.00470	.14325	.04044	.46330
Stddev	.00005	.0101	.00005	.00024	.00007	.00119	.00036	.05163
%RSD	34.399	.35667	4.1167	27.531	1.4957	.83165	.89013	11.144

#1	.00022	2.8246	.00118	.00061	.00464	.14422	.04064	.41835
#2	.00013	2.8258	.00127	.00091	.00478	.14361	.04066	.45187
#3	.00012	2.8078	.00127	.00108	.00468	.14192	.04003	.51969

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00117	277.88	.00008	.05427	.63620	.00007	-.00276
Stddev	.00023	.00066	.54	.00004	.00018	.04007	.00022	.00526
%RSD	20.060	56.354	.19512	54.010	.33052	6.2978	329.85	190.62

#1	.00135	.00060	278.48	.00004	.05407	.63569	-.00018	.00325
#2	.00090	.00102	277.43	.00007	.05435	.67651	.00015	-.00500
#3	.00123	.00189	277.73	.00012	.05440	.59639	.00023	-.00652

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11742	.44209	.00176	.00396	.01586	.0052	.02381	4.1955
Stddev	.00439	.00703	.00006	.00040	.00165	.0022	.00005	.2048
%RSD	3.7381	1.5911	3.5513	10.108	10.369	42.53	.19476	4.8814

#1	.11266	.44223	.00179	.00429	.01599	.0072	.02383	4.1100
#2	.12131	.44906	.00169	.00351	.01416	.0055	.02376	4.0473
#3	.11829	.43499	.00180	.00409	.01744	.0028	.02385	4.4292

Sample Name: K1610-08 Acquired: 2/26/2019 23:43:06 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7956
Stddev 1.0360
%RSD 17.876

#1 6.5754
#2 6.1913
#3 4.6200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.5	42114.	4380.9	18.039	3493.4
Stddev	5.6	50.	31.3	1.221	11.5
%RSD	.15980	.11840	.71557	6.7665	.32888

#1	3507.0	42057.	4349.2	18.975	3484.7
#2	3516.1	42137.	4411.9	18.483	3506.4
#3	3517.4	42149.	4381.7	16.658	3489.0

Sample Name: K1610-10 Acquired: 2/26/2019 23:47:44 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00342	.01006	.00436	-.00057	.02004	.07762	-.00003
Stddev	.00053	.00082	.00086	.00247	.00021	.01325	.00668	.00004
%RSD	416.84	24.046	8.5748	56.670	37.215	66.101	8.6024	140.38

#1	.00046	-.00397	.01104	.00713	-.00080	.00647	.07505	-.00007
#2	-.00056	-.00382	.00943	.00237	-.00052	.02073	.08519	.00001
#3	-.00029	-.00248	.00971	.00360	-.00039	.03294	.07260	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	28.442	.00107	.00326	.00371	.02217	.21553	1.1420
Stddev	.00007	.113	.00048	.00017	.00080	.00076	.00015	.0528
%RSD	35.858	.39629	45.151	5.1633	21.413	3.4260	.07007	4.6231

#1	.00018	28.363	.00147	.00343	.00399	.02286	.21542	1.0832
#2	.00026	28.571	.00053	.00310	.00282	.02135	.21570	1.1572
#3	.00012	28.393	.00119	.00326	.00433	.02230	.21546	1.1854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	.00105	291.64	-.00040	.12978	.75151	.00030	-.00485
Stddev	.00027	.00030	2.04	.00033	.00089	.04652	.00029	.00917
%RSD	32.854	28.257	.70072	83.017	.68203	6.1901	94.412	189.15

#1	.00098	.00118	290.49	-.00051	.12932	.76372	.00063	.00404
#2	.00095	.00127	290.42	-.00067	.13080	.79070	.00016	-.00430
#3	.00050	.00071	294.00	-.00003	.12922	.70010	.00012	-.01427

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42947	.54767	.00227	-.00122	.02047	.0080	.09213	4.4603
Stddev	.01792	.00680	.00074	.00096	.00103	.0019	.00023	.2479
%RSD	4.1722	1.2411	32.738	78.838	5.0379	23.67	.25140	5.5572

#1	.41790	.55103	.00267	-.00014	.01931	.0094	.09190	4.7419
#2	.45011	.55214	.00141	-.00199	.02128	.0058	.09236	4.3637
#3	.42040	.53985	.00272	-.00153	.02082	.0087	.09214	4.2753

Sample Name: K1610-10 Acquired: 2/26/2019 23:47:44 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WV-E Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.4309
Stddev .9788
%RSD 11.609

#1 7.3743
#2 8.6119
#3 9.3065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3464.7	41719.	4346.9	17.878	3432.7
Stddev	7.4	74.	37.6	1.328	18.5
%RSD	.21219	.17768	.86430	7.4283	.53899

#1	3460.0	41682.	4307.7	18.817	3437.5
#2	3460.9	41804.	4382.6	16.358	3412.3
#3	3473.2	41670.	4350.3	18.458	3448.4

Sample Name: CCV13 Acquired: 2/26/2019 23:52:18 Type: Unk
Method: P4-ICP2(v2892) 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	4.9303	5.0883	4.9746	4.9972	5.0064	9.1164	10.017	.25257
Stddev	.0123	.0205	.0047	.0173	.0145	.0622	.019	.00063
%RSD	.24982	.40311	.09527	.34696	.28888	.68236	.18480	.25098
#1	4.9291	5.0732	4.9800	5.0036	5.0184	9.0599	9.9965	.25324
#2	4.9186	5.1116	4.9712	4.9776	4.9903	9.1062	10.033	.25250
#3	4.9431	5.0799	4.9726	5.0104	5.0104	9.1831	10.021	.25198
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4873	25.096	.98895	2.4900	1.2353	5.3999	2.4375	24.622
Stddev	.0008	.164	.00079	.0020	.0028	.0074	.0045	.077
%RSD	.03350	.65398	.08009	.07852	.22949	.13765	.18554	.31298
#1	2.4880	24.912	.98985	2.4895	1.2367	5.4003	2.4427	24.557
#2	2.4864	25.148	.98865	2.4922	1.2320	5.3923	2.4353	24.602
#3	2.4873	25.228	.98835	2.4884	1.2371	5.4071	2.4346	24.707
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4545	1.2385	25.399	2.4540	2.5183	24.204	5.0959	4.6801
Stddev	.0001	.0021	.095	.0036	.0026	.126	.0069	.0340
%RSD	.00580	.17063	.37501	.14605	.10406	.52039	.13563	.72610
#1	2.4545	1.2373	25.298	2.4580	2.5213	24.268	5.0969	4.6524
#2	2.4546	1.2409	25.413	2.4510	2.5165	24.059	5.0886	4.6699
#3	2.4543	1.2373	25.487	2.4531	2.5170	24.284	5.1023	4.7181
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8129	5.1179	4.8987	4.9494	4.7619	4.931	4.8503	F 4.0705
Stddev	.0087	.0168	.0073	.0221	.0098	.004	.0066	.0945
%RSD	.18026	.32781	.14792	.44650	.20567	.0851	.13652	2.3224
#1	4.8065	5.1346	4.8953	4.9246	4.7506	4.935	4.8430	4.0268
#2	4.8228	5.1011	4.9071	4.9563	4.7674	4.926	4.8520	4.1789
#3	4.8094	5.1182	4.8938	4.9671	4.7678	4.932	4.8559	4.0057

Sample Name: CCV13 Acquired: 2/26/2019 23:52:18 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9534
Stddev	.8331
%RSD	28.206

#1	2.1423
#2	2.9112
#3	3.8068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.4	43426.	4318.1	18.840	3522.5
Stddev	6.6	49.	9.2	.266	5.4
%RSD	.18421	.11259	.21234	1.4101	.15374

#1	3593.5	43478.	4317.2	18.902	3528.6
#2	3588.2	43420.	4327.7	19.068	3518.5
#3	3580.4	43380.	4309.5	18.548	3520.2

Sample Name: CCB13 Acquired: 2/26/2019 23:56:18 Type: Unk
Method: P4-ICP2(v2892) 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	.00303	-.00006	.00008	F .00575	.00127	-.02491	-.01075
Stddev	.00156	.00023	.00131	.00235	.00072	.00928	.00219
%RSD	51.423	360.01	1576.7	40.887	56.779	37.276	20.325

#1	.00199	-.00031	.00016	.00369	.00055	-.01502	-.00914
#2	.00228	.00015	.00135	.00831	.00199	-.03344	-.00988
#3	.00483	-.00004	-.00127	.00526	.00128	-.02627	-.01324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00017	.00158	-.00009	.00031	-.00006	.00622
Stddev	.00008	.00009	.00747	.00038	.00014	.00022	.00141
%RSD	60.550	51.250	471.74	432.21	44.179	361.73	22.667

#1	.00018	.00024	.00295	-.00040	.00045	.00018	.00775
#2	.00004	.00019	-.00648	.00034	.00030	-.00024	.00592
#3	.00020	.00007	.00827	-.00020	.00017	-.00012	.00498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04160	.00006	.00102	.33935	.00026	-.00038
Stddev	.00003	.00996	.00008	.00027	.01739	.00037	.00002
%RSD	74.647	23.939	128.81	26.782	5.1259	139.36	4.0295

#1	.00008	-.04770	-.00001	.00090	.32282	-.00004	-.00039
#2	.00003	-.03010	.00005	.00133	.35750	.00016	-.00040
#3	.00002	-.04699	.00016	.00082	.33774	.00067	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20860	-.00003	-.00226	F .05348	-.00043	.00010	.00022
Stddev	.01901	.00029	.01087	.00684	.00095	.00011	.00170
%RSD	9.1122	973.18	480.42	12.782	220.72	110.26	786.00

#1	.21705	.00007	-.01315	.04927	.00043	.00009	.00214
#2	.22193	.00020	-.00223	.06136	-.00145	.00022	-.00044
#3	.18683	-.00035	.00859	.04980	-.00027	-.00001	-.00105

Sample Name: CCB13 Acquired: 2/26/2019 23:56:18 Type: Unk
Method: P4-ICP2(v2892) 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 .00908	-.0005	-.00003	F 1.8539	F<.00000
Stddev	.00329	.0023	.00004	.0716	.77568
%RSD	36.261	467.2	114.44	3.8594	95.145
#1	.01114	-.0007	.00000	1.8700	-1.2259
#2	.01082	.0019	-.00003	1.9161	.07941
#3	.00528	-.0027	-.00007	1.7757	-1.2993
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.8	45756.	4396.2	19.689	4043.7
Stddev	8.4	80.	36.2	.455	6.3
%RSD	.22298	.17495	.82396	2.3106	.15604
#1	3774.1	45664.	4359.2	19.658	4050.7
#2	3768.8	45802.	4431.6	19.250	4038.4
#3	3757.7	45803.	4397.8	20.158	4042.0

Sample Name: K1605-02 Acquired: 2/27/2019 0:00:48 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: N48966 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00551	-.00047	.00137	.00207	-.00027	-.00964	.18482	.00008
Stddev	.00179	.00196	.00045	.00321	.00290	.01315	.00089	.00002
%RSD	32.464	413.85	32.729	155.21	1070.6	136.36	.48134	22.246

#1	.00631	-.00064	.00176	.00095	-.00251	-.01128	.18566	.00009
#2	.00346	.00156	.00146	.00569	.00300	.00425	.18389	.00009
#3	.00676	-.00234	.00088	-.00044	-.00130	-.02189	.18490	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	15.582	.00053	.00038	-.00028	.10475	.07435	2.0933
Stddev	.00009	.052	.00023	.00008	.00039	.00210	.00047	.0181
%RSD	203.61	.33318	44.058	20.888	142.07	2.0095	.63700	.86549

#1	.00006	15.636	.00037	.00042	-.00017	.10237	.07417	2.0807
#2	-.00005	15.577	.00042	.00029	-.00071	.10639	.07489	2.0852
#3	.00012	15.532	.00080	.00044	.00005	.10548	.07399	2.1141

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00112	17.958	-.00017	.04652	2.2003	.00095	.04040
Stddev	.00049	.00054	.067	.00019	.00021	.0553	.00004	.00869
%RSD	500.06	48.098	.37455	112.76	.44147	2.5126	4.1581	21.513

#1	-.00025	.00091	18.024	-.00000	.04633	2.1483	.00093	.03128
#2	-.00012	.00072	17.960	-.00037	.04674	2.1942	.00093	.04859
#3	.00066	.00173	17.890	-.00012	.04648	2.2584	.00100	.04133

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40821	2.0954	.00024	.00033	.01430	.0004	.08169	2.2391
Stddev	.01148	.0206	.00081	.00287	.00089	.0002	.00021	.1351
%RSD	2.8125	.98334	342.14	883.25	6.2166	37.77	.25621	6.0347

#1	.39608	2.0869	-.00041	.00308	.01371	.0003	.08182	2.2111
#2	.41891	2.1189	.00114	-.00265	.01532	.0006	.08145	2.1201
#3	.40963	2.0804	-.00002	.00055	.01386	.0004	.08180	2.3860

Sample Name: K1605-02 Acquired: 2/27/2019 0:00:48 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: N48966 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2130
 Stddev 1.0027
 %RSD 31.207

#1 4.2326
 #2 3.1785
 #3 2.2281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.0	44794.	4404.9	19.585	3875.7
Stddev	12.4	110.	11.4	.367	2.8
%RSD	.33774	.24612	.25824	1.8715	.07233

#1	3665.0	44793.	4392.9	19.950	3873.9
#2	3666.7	44905.	4406.3	19.586	3874.4
#3	3687.3	44685.	4415.5	19.217	3879.0

Sample Name: K1605-02DUP Acquired: 2/27/2019 0:05:14 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48966DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	-.00099	.00218	.00398	-.00092	-.00211	.18536	.00010
Stddev	.00160	.00025	.00038	.00176	.00068	.00191	.00366	.00006
%RSD	29.004	24.883	17.584	44.175	73.873	90.767	1.9756	62.554

#1	.00433	-.00075	.00257	.00423	-.00144	-.00421	.18114	.00003
#2	.00489	-.00097	.00180	.00211	-.00015	-.00047	.18776	.00012
#3	.00734	-.00124	.00218	.00561	-.00116	-.00165	.18717	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	15.666	.00065	.00031	-.00028	.10611	.07445	2.0568
Stddev	.00011	.128	.00017	.00026	.00108	.00134	.00098	.0175
%RSD	72.609	.81685	25.626	86.112	384.09	1.2608	1.3185	.84958

#1	.00003	15.565	.00075	.00056	-.00102	.10738	.07417	2.0709
#2	.00020	15.623	.00046	.00004	.00095	.10623	.07363	2.0624
#3	.00023	15.810	.00075	.00032	-.00078	.10471	.07554	2.0373

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00110	17.956	-.00035	.04676	2.1695	.00069	.03745
Stddev	.00006	.00022	.187	.00020	.00047	.0504	.00043	.00597
%RSD	86.997	20.458	1.0439	56.446	.99737	2.3239	62.631	15.947

#1	.00011	.00117	17.844	-.00057	.04730	2.1548	.00111	.03137
#2	-.00000	.00128	18.172	-.00032	.04650	2.1281	.00024	.03765
#3	.00011	.00085	17.852	-.00017	.04649	2.2257	.00072	.04331

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42367	2.0937	.00049	.00202	.01372	-.0001	.08207	2.4146
Stddev	.00254	.0132	.00040	.00085	.00365	.0016	.00058	.5154
%RSD	.59902	.62820	80.925	41.993	26.618	1326.	.70558	21.345

#1	.42420	2.0833	.00082	.00147	.01605	-.0017	.08144	2.5118
#2	.42590	2.0893	.00059	.00300	.01560	.0016	.08218	2.8744
#3	.42091	2.1085	.00005	.00159	.00951	-.0002	.08258	1.8575

Sample Name: K1605-02DUP Acquired: 2/27/2019 0:05:14 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48966DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0637
Stddev	1.1896
%RSD	38.830

#1	4.1993
#2	3.1651
#3	1.8266

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3669.7	44685.	4402.0	18.523	3870.4
Stddev	10.5	44.	23.9	.978	9.3
%RSD	.28611	.09901	.54303	5.2783	.23980

#1	3659.4	44729.	4402.6	18.876	3859.7
#2	3669.4	44684.	4377.8	17.418	3876.5
#3	3680.4	44641.	4425.6	19.276	3874.9

Sample Name: K1605-02LX5 Acquired: 2/27/2019 0:09:41 Type: Unk
Method: P4-ICP2(v2892) 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	.00635	-.00062	.00078	.00289	-.00138	-.01269	.02822	.00014
Stddev	.00203	.00089	.00022	.00349	.00151	.01153	.00149	.00004
%RSD	31.936	144.04	27.555	120.94	109.70	90.869	5.2656	30.847

#1	.00401	-.00057	.00053	-.00018	-.00277	-.02366	.02925	.00019
#2	.00752	-.00153	.00091	.00669	.00024	-.00067	.02652	.00011
#3	.00751	.00025	.00090	.00216	-.00161	-.01375	.02890	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	3.2916	.00018	-.00008	.00143	.02824	.01561	.38578
Stddev	.00005	.0354	.00045	.00011	.00039	.00166	.00022	.02259
%RSD	21.086	1.0744	257.75	143.75	27.186	5.8883	1.4284	5.8562

#1	.00019	3.3260	-.00034	-.00013	.00186	.02888	.01561	.36498
#2	.00029	3.2935	.00036	.00005	.00109	.02635	.01583	.38255
#3	.00022	3.2553	.00051	-.00015	.00135	.02948	.01538	.40981

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.00094	3.9699	.00002	.00927	.53358	.00018	.00430
Stddev	.00020	.00065	.0219	.00025	.00001	.02989	.00029	.00403
%RSD	71.447	68.994	.55163	1578.3	.15117	5.6016	154.74	93.599

#1	-.00019	.00051	3.9655	.00027	.00926	.56804	-.00013	.00168
#2	-.00051	.00169	3.9506	.00002	.00927	.51473	.00042	.00229
#3	-.00014	.00063	3.9937	-.00024	.00929	.51797	.00026	.00894

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11693	.45085	-.00034	-.00219	.00614	-.0005	.01711	1.8966
Stddev	.01101	.00052	.00025	.00090	.00062	.0012	.00009	.1939
%RSD	9.4132	.11505	74.361	41.259	10.142	248.7	.53831	10.222

#1	.12764	.45142	-.00048	-.00308	.00684	.0009	.01720	1.8436
#2	.11749	.45040	-.00049	-.00127	.00563	-.0011	.01712	1.7347
#3	.10565	.45074	-.00005	-.00221	.00596	-.0012	.01701	2.1114

Sample Name: K1605-02LX5 Acquired: 2/27/2019 0:09:41 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0943
Stddev	1.1470
%RSD	104.81

#1	1.3157
#2	2.1144
#3	-.14722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.5	45791.	4389.6	20.575	4010.5
Stddev	11.8	191.	27.5	1.657	.6
%RSD	.31444	.41611	.62620	8.0526	.01590

#1	3744.4	45579.	4363.7	19.308	4009.9
#2	3743.1	45846.	4418.4	22.450	4011.2
#3	3764.1	45948.	4386.7	19.967	4010.3

Sample Name: K1605-02MS Acquired: 2/27/2019 0:14:11 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48966MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76806	2.0071	.95800	1.9292	.79700	1.8141	.41094
Stddev	.00706	.0044	.00227	.0052	.00315	.0231	.00227
%RSD	.91880	.22080	.23716	.26760	.39557	1.2713	.55357

#1	.76221	2.0066	.95734	1.9250	.79732	1.7881	.41353
#2	.77589	2.0118	.96052	1.9350	.79998	1.8320	.40926
#3	.76607	2.0030	.95612	1.9277	.79370	1.8223	.41002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19552	.18869	17.529	.40407	.19706	.30263	3.4908
Stddev	.00026	.00044	.038	.00049	.00098	.00099	.0178
%RSD	.13248	.23357	.21705	.12027	.49732	.32717	.51019

#1	.19526	.18873	17.519	.40386	.19659	.30163	3.5110
#2	.19553	.18912	17.497	.40372	.19819	.30361	3.4775
#3	.19578	.18824	17.571	.40462	.19640	.30265	3.4840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27320	4.1669	.48345	.07073	22.018	.30386	.24425
Stddev	.00154	.0148	.00227	.00051	.027	.00091	.00081
%RSD	.56486	.35426	.46921	.72607	.12476	.29835	.32983

#1	.27498	4.1840	.48239	.07039	22.018	.30282	.24377
#2	.27215	4.1575	.48606	.07132	21.990	.30434	.24518
#3	.27249	4.1594	.48191	.07048	22.045	.30443	.24381

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.084	.41415	.31147	.44139	3.1847	.64957	.19360
Stddev	.044	.00186	.00749	.02037	.0242	.00160	.00211
%RSD	.36452	.44833	2.4061	4.6149	.75922	.24669	1.0915

#1	12.131	.41263	.32002	.42055	3.2054	.64805	.19116
#2	12.044	.41622	.30605	.46125	3.1581	.65125	.19470
#3	12.076	.41360	.30834	.44238	3.1905	.64942	.19494

Sample Name: K1605-02MS Acquired: 2/27/2019 0:14:11 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48966MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22119	5.503	.27823	3.2467	F<.00000
Stddev	.00202	.023	.00188	.2664	.69807
%RSD	.91319	.4204	.67712	8.2040	10.340

#1	.22023	5.490	.28028	2.9476	-7.1558
#2	.21982	5.529	.27656	3.4582	-7.1529
#3	.22351	5.489	.27786	3.3344	-5.9453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.2	44643.	4324.8	18.212	3765.4
Stddev	8.1	151.	37.9	.020	6.5
%RSD	.22301	.33819	.87548	.10914	.17133

#1	3646.9	44470.	4281.2	18.221	3769.3
#2	3631.2	44710.	4349.4	18.226	3757.9
#3	3642.5	44748.	4343.8	18.189	3768.9

Sample Name: K1605-02MSD Acquired: 2/27/2019 0:18:19 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48966MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76948	2.0036	.95829	1.9307	.79846	1.8408	.41555
Stddev	.00585	.0215	.00520	.0236	.00746	.0165	.00491
%RSD	.75976	1.0738	.54255	1.2242	.93434	.89830	1.1814

#1	.77555	2.0256	.96400	1.9578	.80694	1.8226	.41967
#2	.76389	2.0027	.95384	1.9147	.79292	1.8549	.41686
#3	.76900	1.9826	.95703	1.9195	.79553	1.8449	.41012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19555	.18905	17.617	.40592	.19752	.30341	3.4864
Stddev	.00026	.00142	.068	.00119	.00201	.00228	.0226
%RSD	.13130	.75286	.38766	.29282	1.0187	.75104	.64770

#1	.19552	.19064	17.627	.40455	.19984	.30583	3.5058
#2	.19581	.18788	17.680	.40670	.19616	.30131	3.4616
#3	.19530	.18863	17.544	.40652	.19658	.30310	3.4919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27507	4.2153	.48391	.07077	22.020	.30357	.24396
Stddev	.00023	.0231	.00339	.00124	.097	.00088	.00208
%RSD	.08407	.54727	.69995	1.7572	.44130	.29116	.85383

#1	.27498	4.2365	.48782	.07115	22.087	.30458	.24633
#2	.27533	4.1908	.48181	.07179	21.908	.30291	.24239
#3	.27490	4.2185	.48210	.06939	22.064	.30324	.24318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.190	.41578	.31628	.42903	3.1828	.65191	.19591
Stddev	.069	.00391	.01040	.00582	.0242	.00438	.00012
%RSD	.56537	.94010	3.2895	1.3561	.76072	.67261	.06003

#1	12.270	.42027	.31115	.43412	3.1859	.65582	.19580
#2	12.146	.41312	.30944	.43029	3.1572	.64717	.19590
#3	12.155	.41396	.32826	.42269	3.2053	.65273	.19603

Sample Name: K1605-02MSD Acquired: 2/27/2019 0:18:19 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N48966MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22225	5.519	.27828	3.0635	F<.00000
Stddev	.00322	.053	.00174	.1943	.63481
%RSD	1.4484	.9621	.62401	6.3425	7.3699

#1	.22592	5.580	.27987	3.1049	-9.3461
#2	.21992	5.493	.27643	3.2339	-8.2724
#3	.22091	5.483	.27855	2.8519	-8.2224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.8	44526.	4324.8	19.163	3778.3
Stddev	5.8	101.	29.1	1.150	5.6
%RSD	.15970	.22595	.67208	6.0026	.14943

#1	3641.4	44512.	4291.8	19.406	3771.8
#2	3652.8	44434.	4346.7	20.172	3780.9
#3	3649.1	44633.	4335.8	17.911	3782.2

Sample Name: K1605-02A Acquired: 2/27/2019 0:22:27 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7968 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76420	1.9893	.94846	1.9117	.79086	1.8005	.40686
Stddev	.00705	.0117	.00565	.0133	.00513	.0169	.00307
%RSD	.92204	.58971	.59608	.69425	.64825	.93833	.75378

#1	.76177	1.9841	.94419	1.9160	.79440	1.8086	.40785
#2	.75869	1.9811	.94631	1.8968	.78498	1.7811	.40932
#3	.77214	2.0028	.95487	1.9223	.79319	1.8118	.40343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19429	.18717	17.587	.40279	.19495	.30057	3.4628
Stddev	.00035	.00075	.017	.00084	.00146	.00101	.0180
%RSD	.18099	.40043	.09564	.20978	.74993	.33622	.52099

#1	.19390	.18655	17.576	.40369	.19377	.30009	3.4683
#2	.19457	.18696	17.606	.40201	.19450	.29989	3.4775
#3	.19440	.18800	17.578	.40268	.19658	.30173	3.4427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27308	4.1817	.47819	.07068	21.876	.30184	.24169
Stddev	.00046	.0497	.00246	.00104	.114	.00075	.00145
%RSD	.16933	1.1886	.51356	1.4737	.52094	.24797	.60136

#1	.27356	4.1246	.47637	.07164	21.951	.30236	.24177
#2	.27264	4.2053	.47722	.06957	21.932	.30218	.24019
#3	.27305	4.2152	.48098	.07084	21.745	.30098	.24309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.123	.41127	.32247	.42901	3.1905	.64559	.19445
Stddev	.109	.00315	.00717	.00658	.0048	.00529	.00113
%RSD	.89960	.76666	2.2221	1.5332	.14911	.81993	.57918

#1	12.006	.41064	.32270	.42891	3.1934	.64165	.19352
#2	12.141	.40848	.32952	.43564	3.1930	.64351	.19570
#3	12.222	.41469	.31520	.42248	3.1850	.65161	.19412

Sample Name: K1605-02A Acquired: 2/27/2019 0:22:27 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7968 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21859	5.449	.27748	2.6529	F<.00000
Stddev	.00294	.021	.00274	.2779	.85597
%RSD	1.3450	.3833	.98773	10.475	11.547

#1	.22174	5.430	.27635	2.7040	-7.3486
#2	.21813	5.444	.28061	2.9016	-6.5908
#3	.21591	5.471	.27549	2.3530	-8.2992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.5	44844.	4358.6	19.742	3806.4
Stddev	16.0	166.	33.0	.382	8.9
%RSD	.43406	.36961	.75630	1.9332	.23389

#1	3658.1	44654.	4342.5	19.948	3797.3
#2	3689.4	44919.	4336.8	19.302	3806.8
#3	3679.0	44959.	4396.5	19.976	3815.1

Sample Name: CCV14 Acquired: 2/27/2019 0:26:36 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14599 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9950	5.1794	5.0391	5.0718	5.0637	9.3501	10.039	.25682
Stddev	.0047	.0196	.0157	.0088	.0051	.0160	.148	.00093
%RSD	.09322	.37866	.31127	.17320	.10004	.17148	1.4765	.36304
#1	4.9928	5.1816	5.0423	5.0622	5.0588	9.3649	9.9408	.25607
#2	5.0003	5.1978	5.0529	5.0740	5.0689	9.3523	9.9664	.25654
#3	4.9918	5.1587	5.0220	5.0793	5.0635	9.3331	10.209	.25787
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5256	25.547	1.0050	2.5246	1.2562	5.4364	2.4617	25.024
Stddev	.0079	.134	.0045	.0086	.0023	.0579	.0060	.078
%RSD	.31270	.52282	.44340	.34147	.18551	1.0645	.24184	.31082
#1	2.5260	25.417	1.0034	2.5236	1.2538	5.3881	2.4558	25.069
#2	2.5333	25.539	1.0016	2.5336	1.2565	5.4206	2.4677	25.068
#3	2.5176	25.684	1.0101	2.5165	1.2584	5.5005	2.4615	24.934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4959	1.2584	25.145	2.4939	2.5472	24.290	5.1639	4.7784
Stddev	.0042	.0049	.363	.0100	.0065	.242	.0069	.0543
%RSD	.16773	.38836	1.4456	.40158	.25535	.99715	.13310	1.1363
#1	2.4963	1.2528	24.919	2.4882	2.5474	24.066	5.1569	4.7232
#2	2.4999	1.2604	24.952	2.4880	2.5536	24.258	5.1706	4.8318
#3	2.4915	1.2619	25.564	2.5054	2.5406	24.547	5.1642	4.7803
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9292	5.1445	4.9907	5.0280	4.7785	5.008	4.8613	F 4.2891
Stddev	.0258	.0736	.0150	.0227	.0608	.014	.0712	.3171
%RSD	.52282	1.4303	.30034	.45217	1.2723	.2774	1.4641	7.3933
#1	4.9481	5.0677	4.9885	5.0093	4.7492	5.023	4.8131	4.4005
#2	4.8999	5.1514	5.0067	5.0213	4.7380	5.006	4.8277	3.9313
#3	4.9397	5.2144	4.9769	5.0533	4.8484	4.996	4.9430	4.5355

Sample Name: CCV14 Acquired: 2/27/2019 0:26:36 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14599 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3059
Stddev	.4722
%RSD	14.283

#1	2.7839
#2	3.7031
#3	3.4308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.3	43103.	4325.6	16.116	3511.4
Stddev	2.4	24.	36.4	1.550	11.2
%RSD	.06745	.05504	.84035	9.6168	.31876

#1	3578.1	43114.	4358.2	17.451	3511.7
#2	3573.6	43120.	4332.2	16.481	3500.1
#3	3574.3	43076.	4286.4	14.416	3522.4

Sample Name: CCB14 Acquired: 2/27/2019 0:30:37 Type: Unk
Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14599 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00200	.00035	.00048	.00205	.00198	-.01279	-.00791
Stddev	.00182	.00055	.00125	.00265	.00156	.01011	.00143
%RSD	91.031	159.74	259.56	129.16	78.885	79.016	18.116

#1	.00129	.00019	-.00028	.00184	.00320	-.01324	-.00943
#2	.00407	-.00011	-.00020	-.00049	.00022	-.00247	-.00659
#3	.00064	.00096	.00193	.00480	.00251	-.02266	-.00771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00024	-.01015	.00004	.00012	-.00005	.00499
Stddev	.00007	.00005	.00191	.00033	.00006	.00028	.00121
%RSD	58.706	19.008	18.854	874.19	51.043	604.21	24.190

#1	.00017	.00021	-.01231	.00017	.00013	.00017	.00368
#2	.00016	.00029	-.00865	.00028	.00006	.00005	.00605
#3	.00004	.00021	-.00950	-.00034	.00018	-.00036	.00525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00860	-.00065	.00158	.08881	.00031	-.00039
Stddev	.00004	.01144	.00046	.00072	.00858	.00050	.00001
%RSD	141.95	133.06	70.075	45.776	9.6572	161.57	3.8347

#1	.00008	.01650	-.00013	.00209	.08003	.00008	-.00037
#2	.00001	.01381	-.00094	.00075	.09716	.00088	-.00040
#3	-.00000	-.00452	-.00089	.00191	.08924	-.00003	-.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14905	-.00006	.00302	F .04969	.00025	-.00004	-.00100
Stddev	.01480	.00013	.00581	.01559	.00139	.00054	.00277
%RSD	9.9322	223.41	192.34	31.370	565.86	1418.7	275.64

#1	.13330	.00002	.00473	.03202	.00089	.00054	-.00418
#2	.16268	-.00020	.00778	.05557	.00120	-.00053	.00023
#3	.15116	.00001	-.00345	.06148	-.00135	-.00012	.00093

Sample Name: CCB14 Acquired: 2/27/2019 0:30:37 Type: Unk
 Method: P4-ICP2(v2892) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14599 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00675	.0001	-.00005	F 1.9384	F<.00000
Stddev	.00194	.0007	.00010	.2595	.58607
%RSD	28.732	750.6	214.82	13.389	93.740

#1	.00779	.0009	.00007	1.6912	-.83517
#2	.00795	-.0002	-.00012	2.2088	-1.0774
#3	.00451	-.0004	-.00008	1.9153	.03692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3743.8	45694.	4373.7	19.039	4016.7
Stddev	11.9	8.	44.5	1.827	7.8
%RSD	.31700	.01652	1.0179	9.5972	.19541

#1	3754.5	45691.	4331.8	18.558	4022.3
#2	3745.9	45702.	4368.8	17.500	4020.2
#3	3731.0	45688.	4420.5	21.058	4007.8