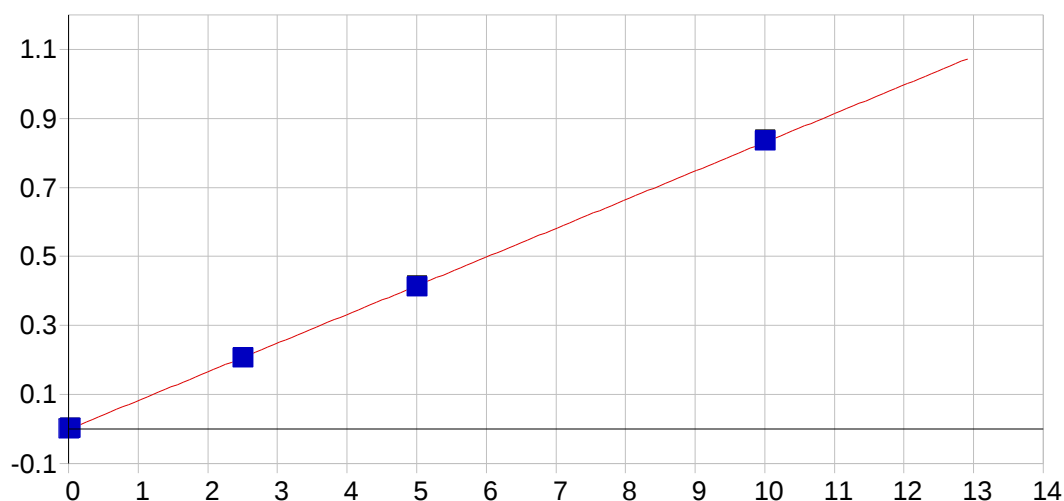




As 189.042 {478}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000682

Re-Slope: 1.000000

A1 (Gain): 0.083134

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999976

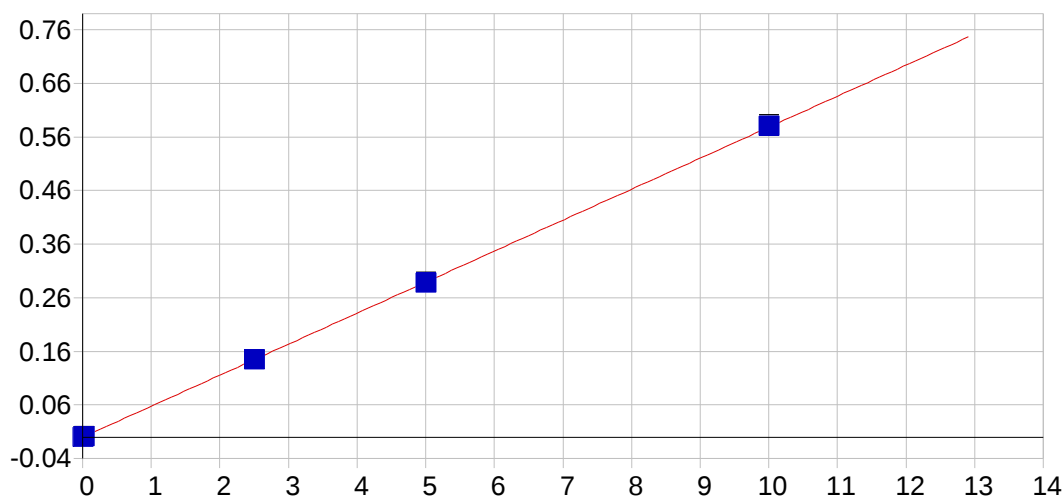
Status: OK.

Std Error of Est: 0.000014

Predicted MDL: 0.002810

Predicted MQL: 0.009367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.000	1
S1	.02000	.02269	.003	13.4	.00120	.000	1
S3	2.5000	2.4846	-.015	-.615	.20586	.001	1
S4	5.0000	4.9686	-.031	-.628	.41235	.000	1
S5	10.000	10.044	.044	.441	.83426	.002	1



As 189.042 {479}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

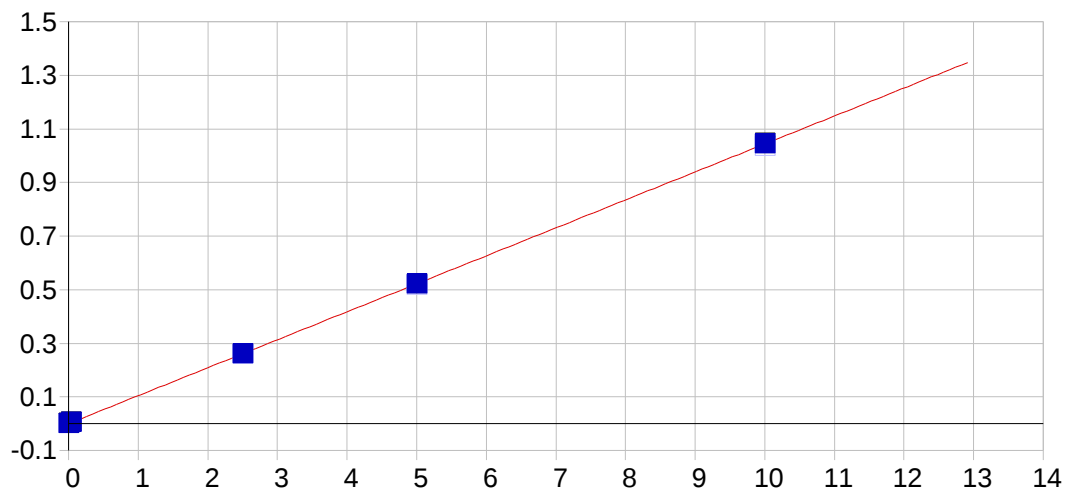
Weighting: 1/Conc

A0 (Offset): -0.000279

Re-Slope: 1.000000

A1 (Gain): 0.057851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002628
 Predicted MQL: 0.008761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02268	.003	13.4	.00103	.000	1
S3	2.5000	2.4858	-.014	-.567	.14353	.000	1
S4	5.0000	4.9793	-.021	-.413	.28778	.001	1
S5	10.000	10.032	.032	.322	.58010	.002	1

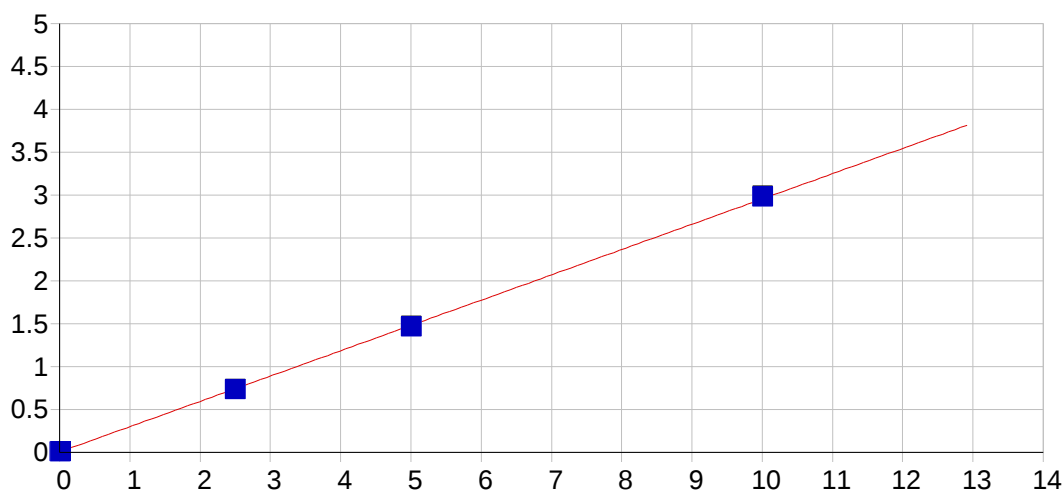


TI 190.856 {477}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.104371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.001601
 Predicted MQL: 0.005336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.04000	.04751	.008	18.8	.00485	.000	1
S3	2.5000	2.4945	-.005	-.218	.25768	.000	1
S4	5.0000	4.9856	-.014	-.288	.51499	.000	1
S5	10.000	10.012	.012	.125	1.0343	.000	1

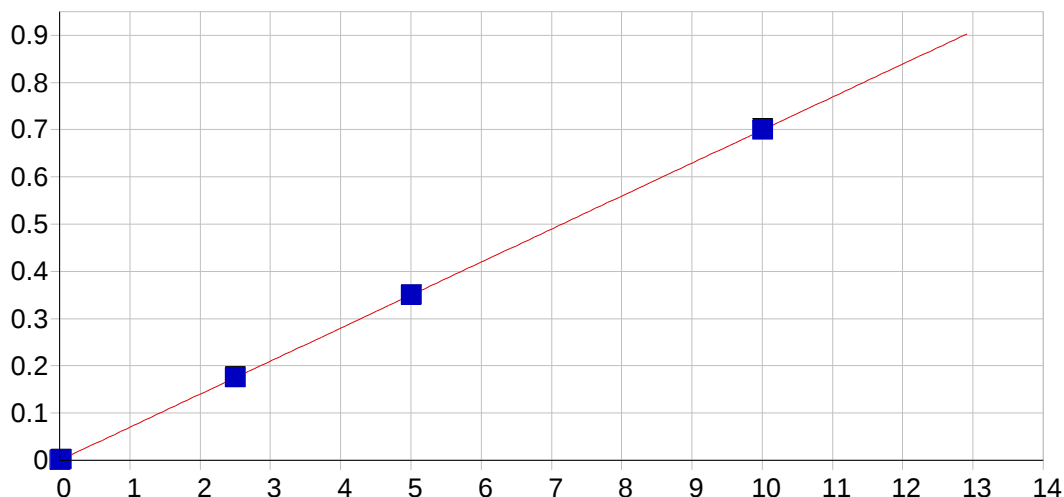


Pb 220.353 {453}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004978 Re-Slope: 1.000000
 A1 (Gain): 0.295009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.000945
 Predicted MQL: 0.003150

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00498	.000	1
S1	.01200	.01433	.002	19.4	.00914	.000	1
S3	2.5000	2.4647	-.035	-1.41	.73115	.001	1
S4	5.0000	4.9477	-.052	-1.05	1.4627	.003	1
S5	10.000	10.085	.085	.854	2.9765	.008	1



Se 196.090 {472}

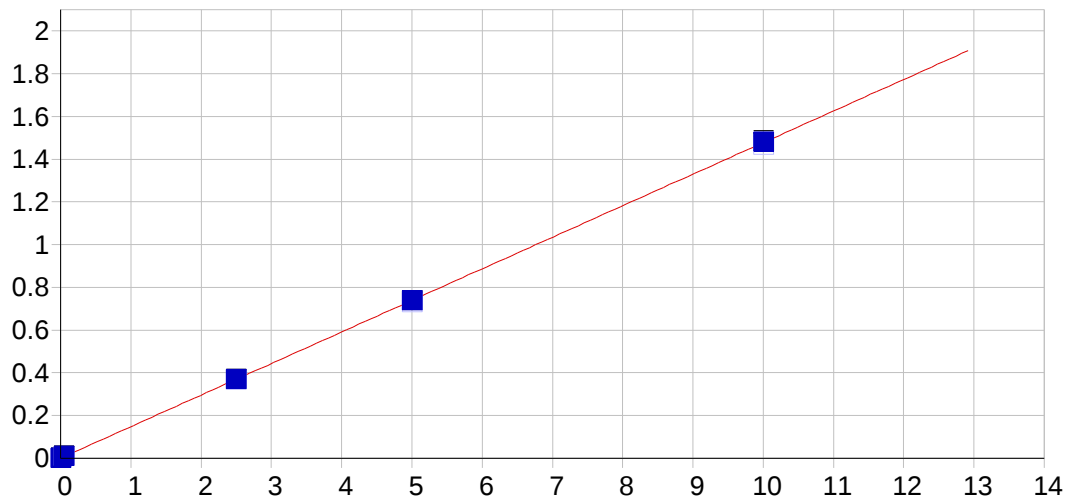
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.069903 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000003
 Predicted MDL: 0.003064
 Predicted MQL: 0.010213

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.02000	.02064	.001	3.20	.00172	.000	1
S3	2.5000	2.5015	.002	.060	.17512	.001	1
S4	5.0000	4.9916	-.008	-.167	.34917	.000	1
S5	10.000	10.006	.006	.062	.69966	.003	1



Sb 206.833 {463}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

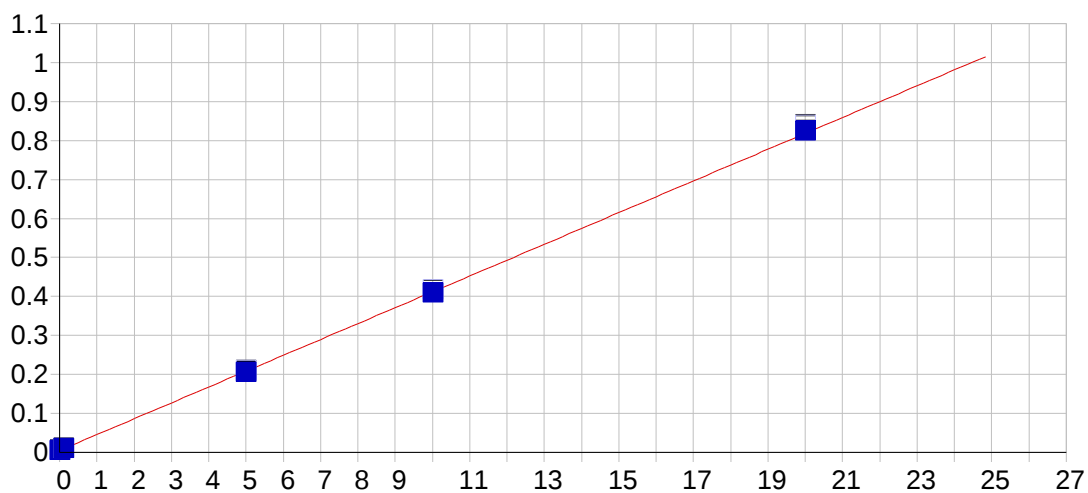
Weighting: 1/Conc

A0 (Offset): 0.000569
 A1 (Gain): 0.147713
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000070
 Predicted MDL: 0.001764
 Predicted MQL: 0.005880

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00057	.000	1
S1	.05000	.06118	.011	22.4	.00942	.000	1
S3	2.5000	2.4918	-.008	-.328	.36449	.001	1
S4	5.0000	4.9770	-.023	-.460	.72744	.001	1
S5	10.000	10.020	.020	.202	1.4641	.006	1

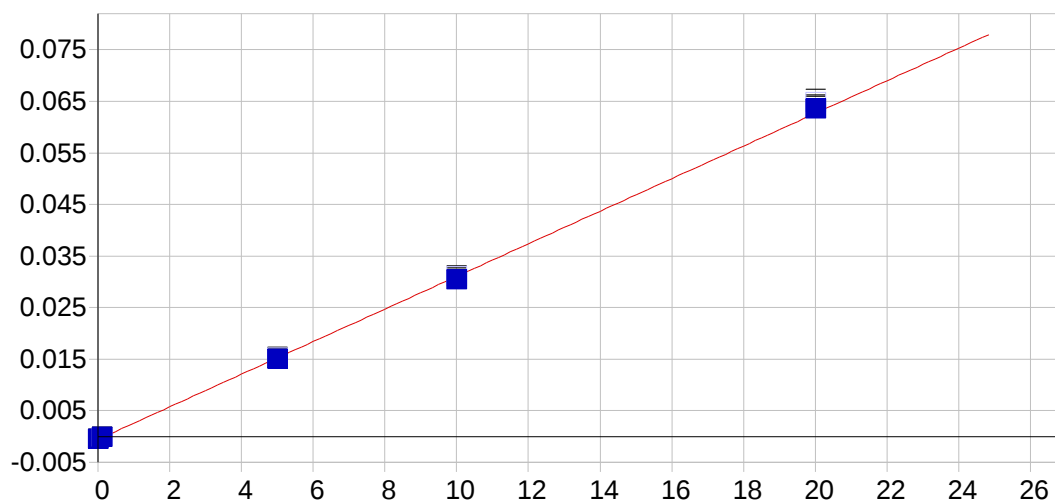


AI 308.215 {109}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004942 Re-Slope: 1.000000
 A1 (Gain): 0.040677 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.002990
 Predicted MQL: 0.009965

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00494	.000	1
S1	.10000	.11923	.019	19.2	.01007	.000	1
S3	5.0000	4.9386	-.061	-1.23	.20988	.001	1
S4	10.000	9.9210	-.079	-.790	.41660	.001	1
S5	20.000	20.120	.120	.601	.83958	.002	1



AI 309.271 {109}

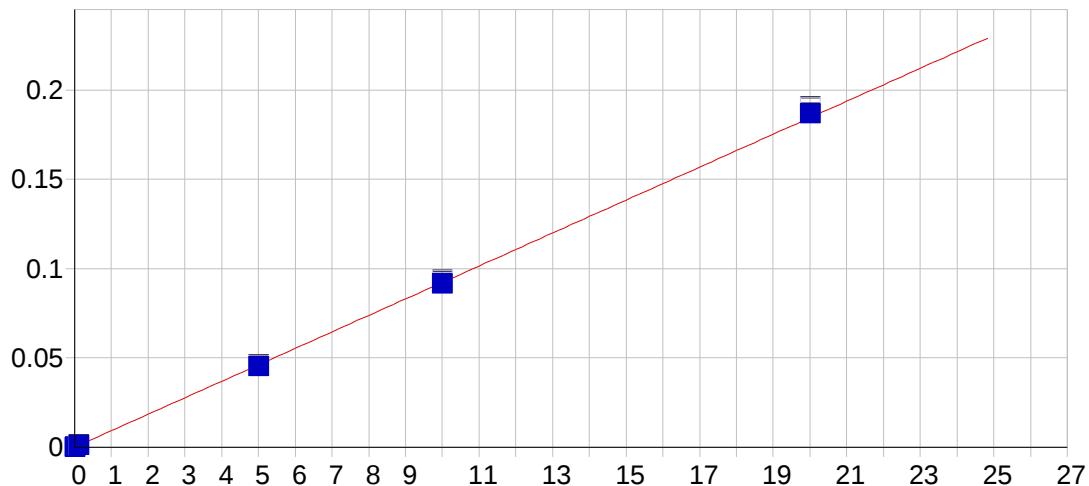
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000572 Re-Slope: 1.000000
 A1 (Gain): 0.003162 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843
 Std Error of Est: 0.000004
 Predicted MDL: 0.025631
 Predicted MQL: 0.085435

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00057	.000	1
S1	.10000	.11377	.014	13.8	-.00019	.000	1
S3	5.0000	4.9086	-.091	-1.83	.01526	.000	1
S4	10.000	9.7993	-.201	-2.01	.03104	.000	1
S5	20.000	20.278	.278	1.39	.06480	.001	1



AI 396.152 { 85}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

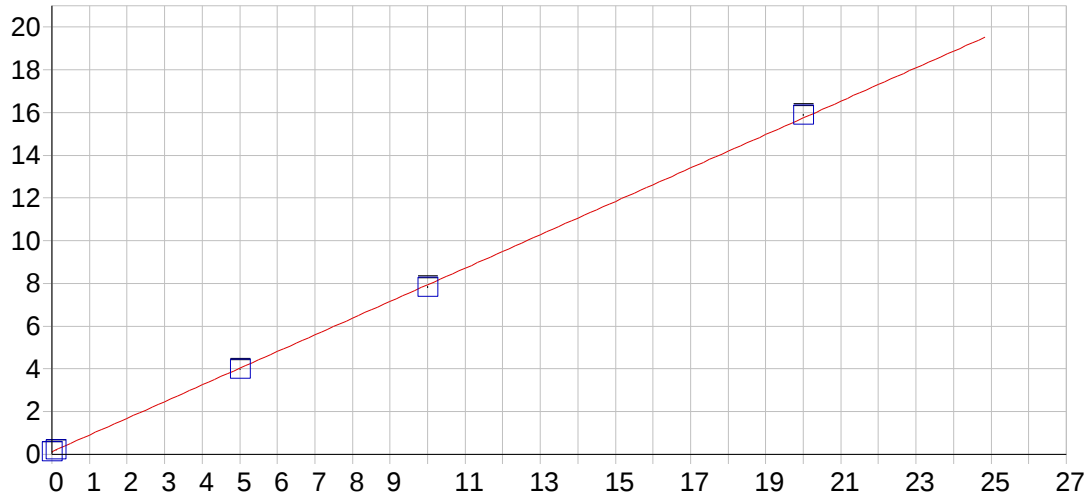
Weighting: 1/Conc

A0 (Offset): 0.000065
 A1 (Gain): 0.009220
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000011
 Predicted MDL: 0.013445
 Predicted MQL: 0.044818

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00006	.000	1
S1	.10000	.11305	.013	13.0	.00117	.000	1
S3	5.0000	4.8747	-.125	-2.51	.04593	.000	1
S4	10.000	9.8963	-.104	-1.04	.09315	.000	1
S5	20.000	20.215	.215	1.08	.19012	.000	1

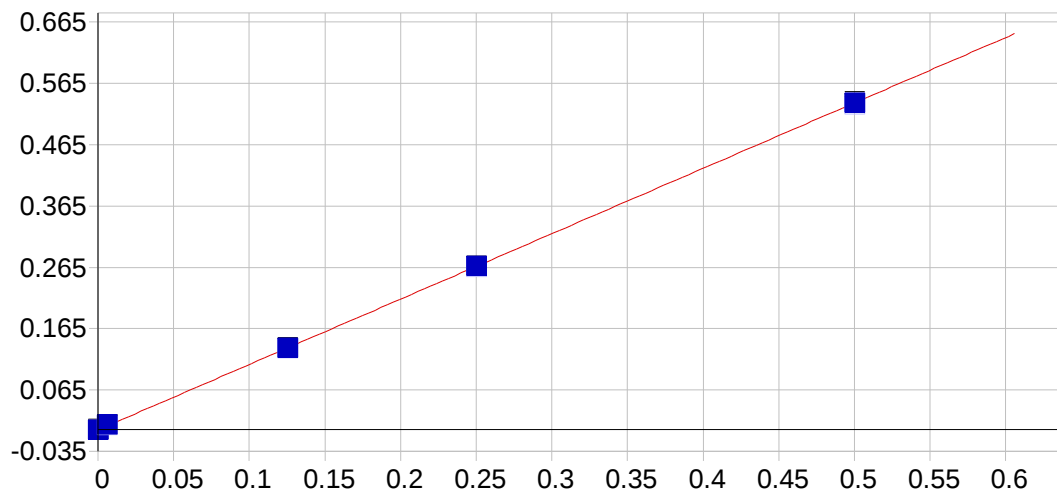


Ba 493.409 { 68}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.126563 Re-Slope: 1.000000
 A1 (Gain): 0.781153 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000987
 Predicted MDL: 0.004259
 Predicted MQL: 0.014197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.12655	.003	1
S1	.10000	.12276	.023	22.8	.22246	.000	1
S3	5.0000	4.9322	-.068	-1.36	3.9794	.032	1
S5	20.000	20.181	.181	.904	15.891	.055	1
S4	10.000	9.8642	-.136	-1.36	7.8320	.034	1



Be 234.861 {144}

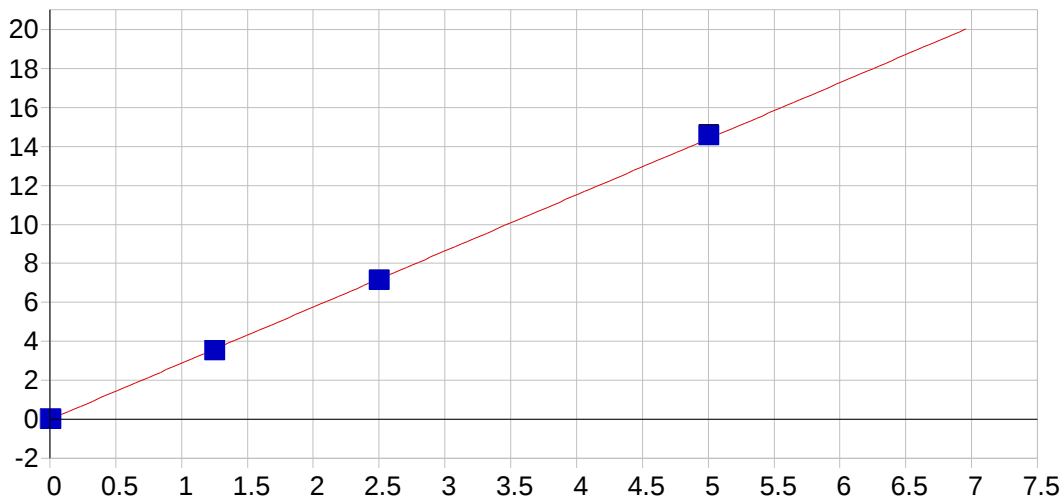
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000
 A1 (Gain): 1.066604 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000039
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00600	.00690	.001	15.0	.00722	.000	1
S3	.12500	.12497	-.000	-.025	.13238	.000	1
S4	.25000	.24971	-.000	-.115	.26460	.000	1
S5	.50000	.49942	-.001	-.115	.52926	.002	1



Cd 226.502 {449}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

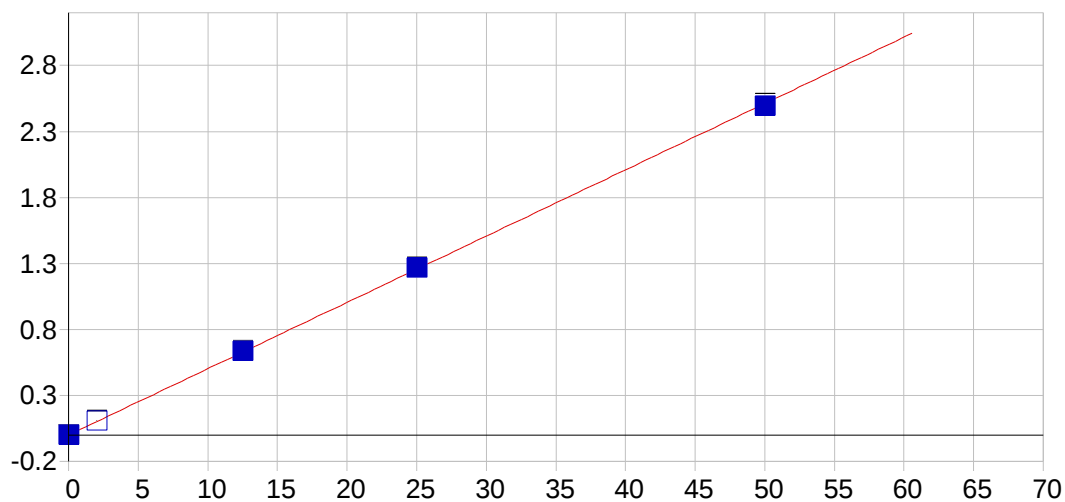
Weighting: 1/Conc

A0 (Offset): -0.002154
 A1 (Gain): 2.879297
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.000373
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

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	-.00216	.000	1
S1	.00600	.00650	.000	8.29	.01659	.000	1
S3	1.2500	1.2205	-.030	-2.36	3.5128	.003	1
S4	2.5000	2.4725	-.028	-1.10	7.1185	.018	1
S5	5.0000	5.0565	.057	1.13	14.560	.029	1

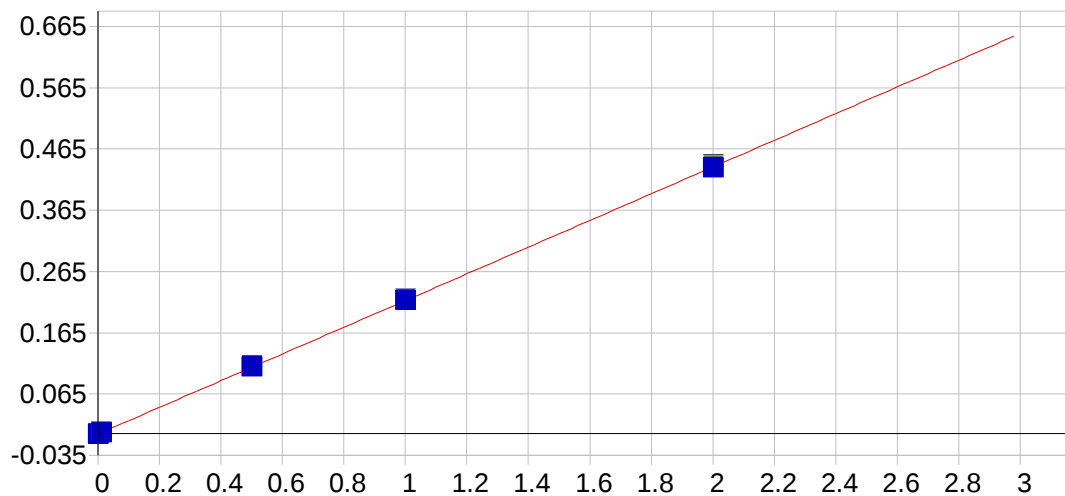


Ca 373.690 { 90}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.050246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000368
 Predicted MDL: 0.017994
 Predicted MQL: 0.059979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1418	.142	7.09	.10747	.001	1
S0	.00000	-.00016	-.000	.000	-.00015	.001	1
S3	12.500	12.647	.147	1.17	.63565	.003	1
S4	25.000	25.135	.135	.538	1.2634	.005	1
S5	50.000	49.577	-.423	-.846	2.4923	.021	1



Cr 267.716 {126}

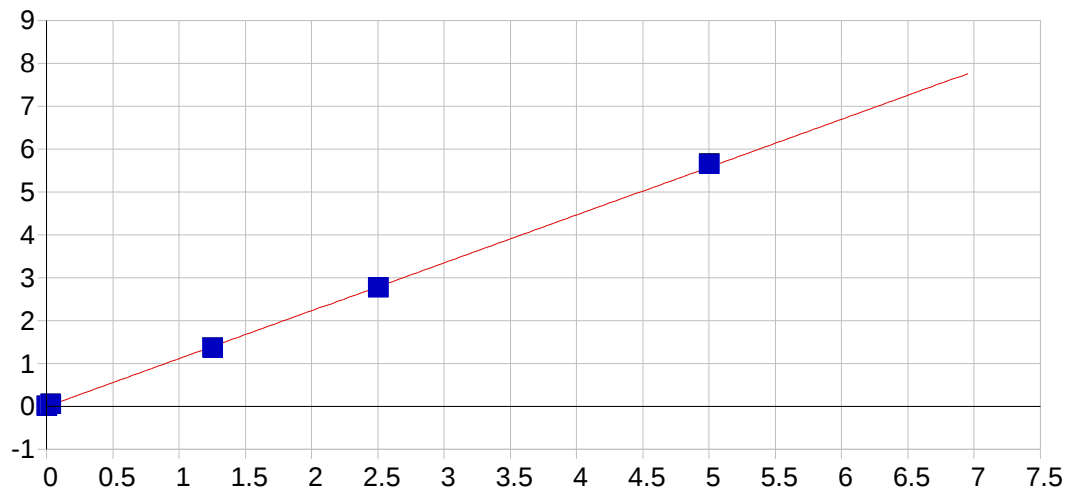
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000349 Re-Slope: 1.000000
 A1 (Gain): 0.217944 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000012
 Predicted MDL: 0.000465
 Predicted MQL: 0.001551

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.01000	.01112	.001	11.2	.00209	.000	1
S3	.50000	.50358	.004	.715	.11026	.001	1
S4	1.0000	1.0008	.001	.080	.21948	.000	1
S5	2.0000	1.9945	-.005	-.275	.43777	.001	1



Co 228.616 {447}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

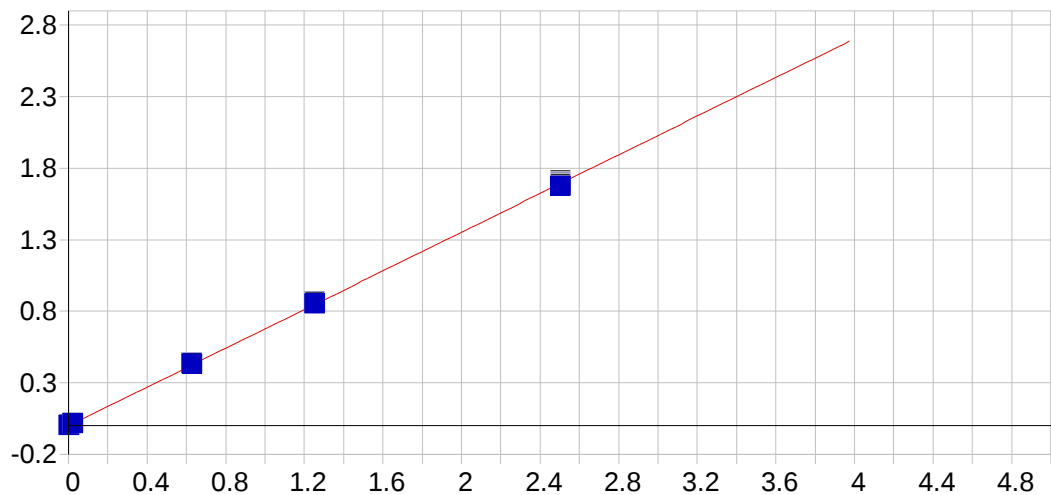
Weighting: 1/Conc

A0 (Offset): -0.000856
 A1 (Gain): 1.116284
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829
 Std Error of Est: 0.000432
 Predicted MDL: 0.000240
 Predicted MQL: 0.000801

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00086	.000	1
S1	.03000	.03614	.006	20.5	.03926	.000	1
S3	1.2500	1.2199	-.030	-2.41	1.3620	.004	1
S4	2.5000	2.4684	-.032	-1.26	2.7568	.006	1
S5	5.0000	5.0556	.056	1.11	5.6470	.013	1

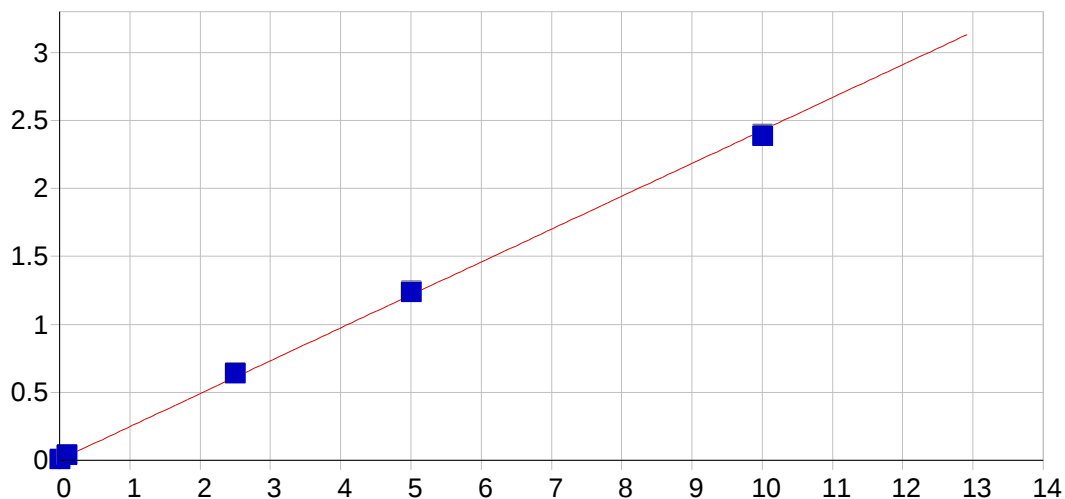


Cu 224.700 {450}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.676410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000526
 Predicted MQL: 0.001754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.02000	.02380	.004	19.0	.01636	.000	1
S3	.62500	.63911	.014	2.26	.43919	.001	1
S4	1.2500	1.2560	.006	.482	.86331	.001	1
S5	2.5000	2.4761	-.024	-.957	1.7022	.007	1



Fe 240.488 {140}

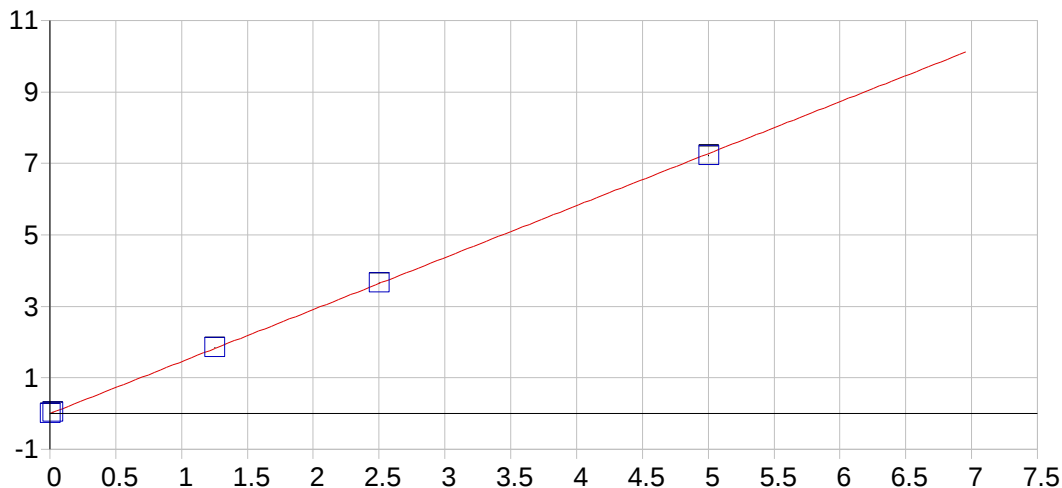
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005995 Re-Slope: 1.000000
 A1 (Gain): 0.242028 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619
 Std Error of Est: 0.000363
 Predicted MDL: 0.002284
 Predicted MQL: 0.007614

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00599	.001	1
S1	.10000	.12300	.023	23.0	.03588	.001	1
S3	2.5000	2.5976	.098	3.90	.63694	.002	1
S4	5.0000	5.0670	.067	1.34	1.2369	.004	1
S5	10.000	9.8124	-.188	-1.88	2.3899	.006	1



Mn 257.610 {131}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

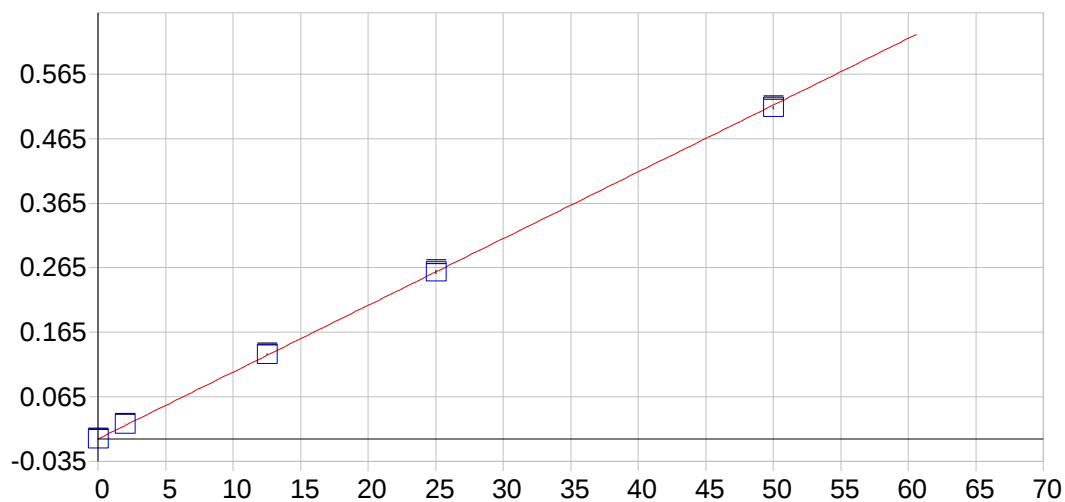
Weighting: 1/Conc

A0 (Offset): -0.000035
 A1 (Gain): 1.454660
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000335
 Predicted MDL: 0.000064
 Predicted MQL: 0.000214

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02460	.005	23.0	.03575	.000	1
S3	1.2500	1.2669	.017	1.35	1.8429	.002	1
S4	2.5000	2.5130	.013	.520	3.6555	.004	1
S5	5.0000	4.9655	-.035	-.690	7.2231	.017	1

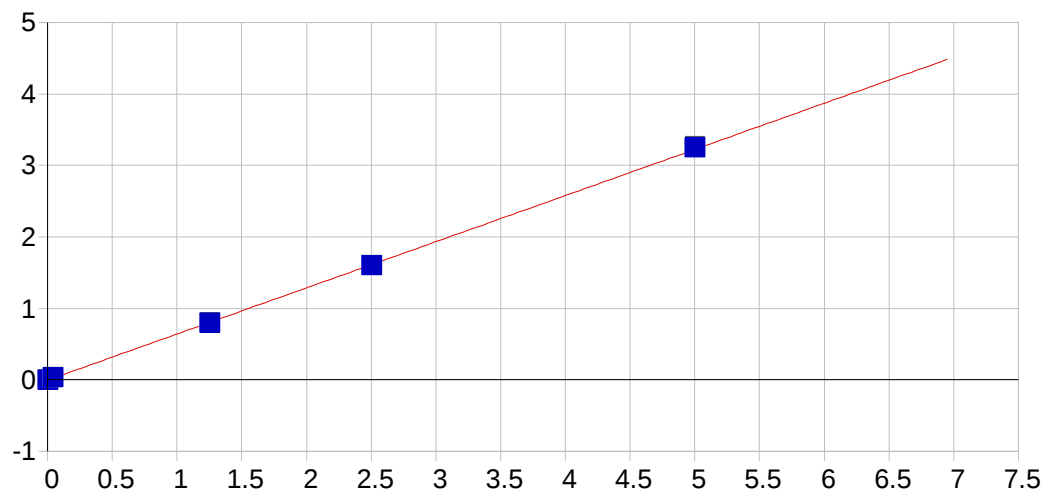


Mg 279.079 {121}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.010338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.043164
 Predicted MQL: 0.143882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2222	.222	11.1	.02289	.000	1
S0	.00000	-.00023	-.000	.000	-.00009	.001	1
S3	12.500	12.644	.144	1.15	.13064	.001	1
S4	25.000	25.012	.012	.046	.25849	.003	1
S5	50.000	49.622	-.378	-.756	.51292	.002	1



Ni 231.604 {445}

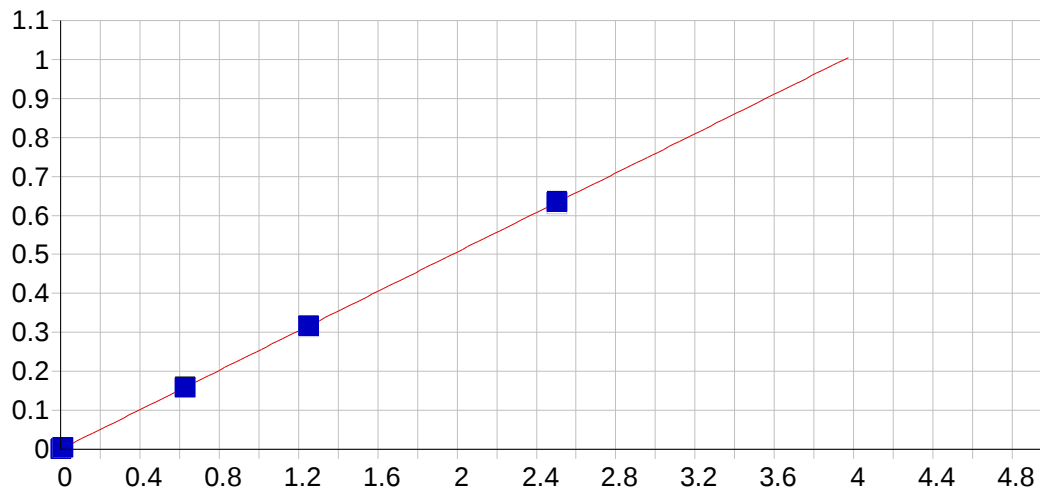
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004906 Re-Slope: 1.000000
 A1 (Gain): 0.645834 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000245
 Predicted MDL: 0.000437
 Predicted MQL: 0.001456

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00491	.000	1
S1	.04000	.04760	.008	19.0	.02585	.000	1
S3	1.2500	1.2342	-.016	-1.26	.79309	.000	1
S4	2.5000	2.4735	-.027	-1.06	1.5943	.002	1
S5	5.0000	5.0347	.035	.693	3.2502	.009	1



Ag 328.068 {103}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

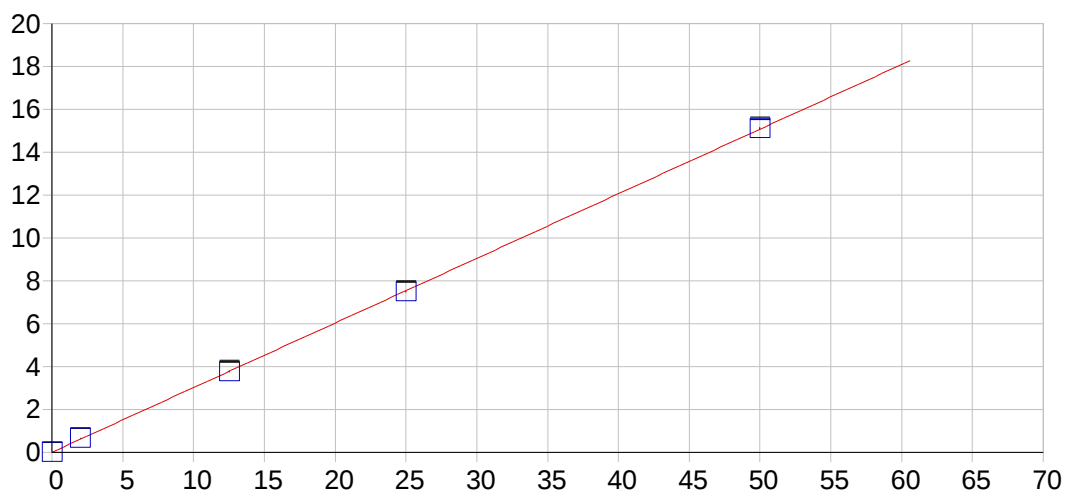
Weighting: 1/Conc

A0 (Offset): 0.000312
 A1 (Gain): 0.252914
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000015
 Predicted MDL: 0.000592
 Predicted MQL: 0.001972

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	.00031	.000	1
S1	.01000	.01132	.001	13.2	.00312	.000	1
S3	.62500	.62298	-.002	-.324	.15608	.001	1
S4	1.2500	1.2445	-.005	-.440	.31148	.001	1
S5	2.5000	2.5062	.006	.248	.62699	.002	1

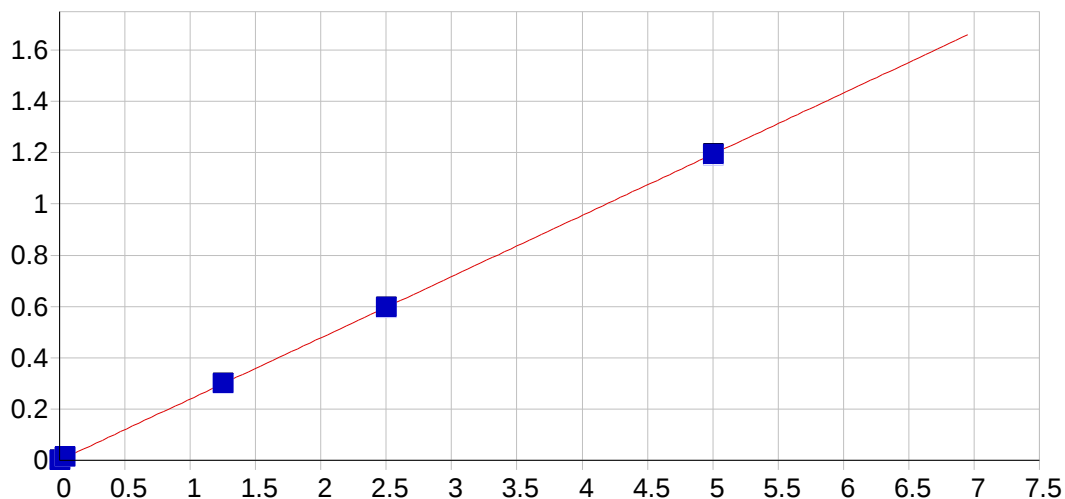


Na 589.592 { 57}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008484 Re-Slope: 1.000000
 A1 (Gain): 0.301390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.001984
 Predicted MDL: 0.010347
 Predicted MQL: 0.034488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1511	.151	7.56	.65682	.002	1
S0	.00000	-.00013	-.000	.000	.00844	.003	1
S3	12.500	12.470	-.030	-.244	3.7667	.046	1
S4	25.000	24.811	-.189	-.754	7.4864	.030	1
S5	50.000	50.068	.068	.136	15.098	.067	1



V 292.402 {115}

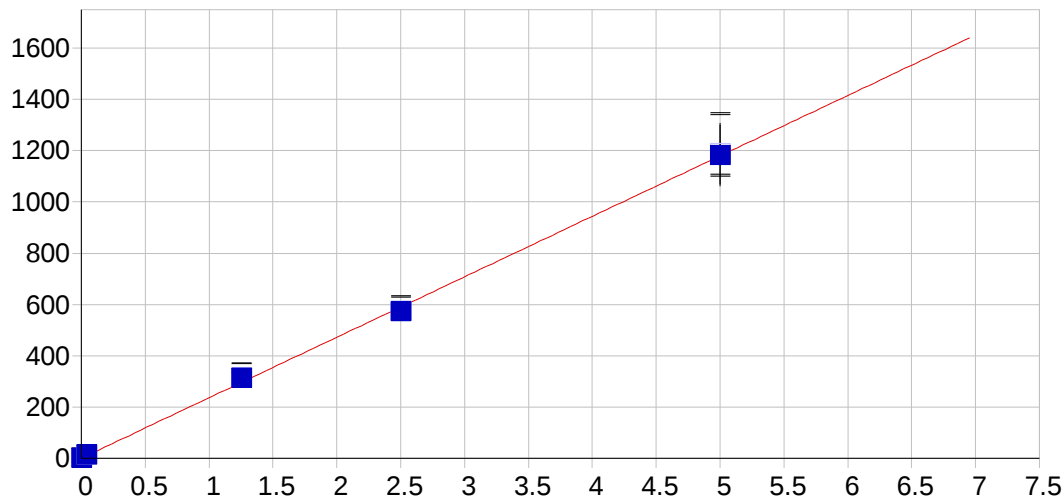
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000428 Re-Slope: 1.000000
 A1 (Gain): 0.238687 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000092
 Predicted MDL: 0.000509
 Predicted MQL: 0.001696

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00043	.000	1
S1	.04000	.04936	.009	23.4	.01206	.000	1
S3	1.2500	1.2507	.001	.059	.29701	.000	1
S4	2.5000	2.4942	-.006	-.232	.59186	.001	1
S5	5.0000	4.9958	-.004	-.084	1.1851	.003	1



Zn 206.200 {163}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

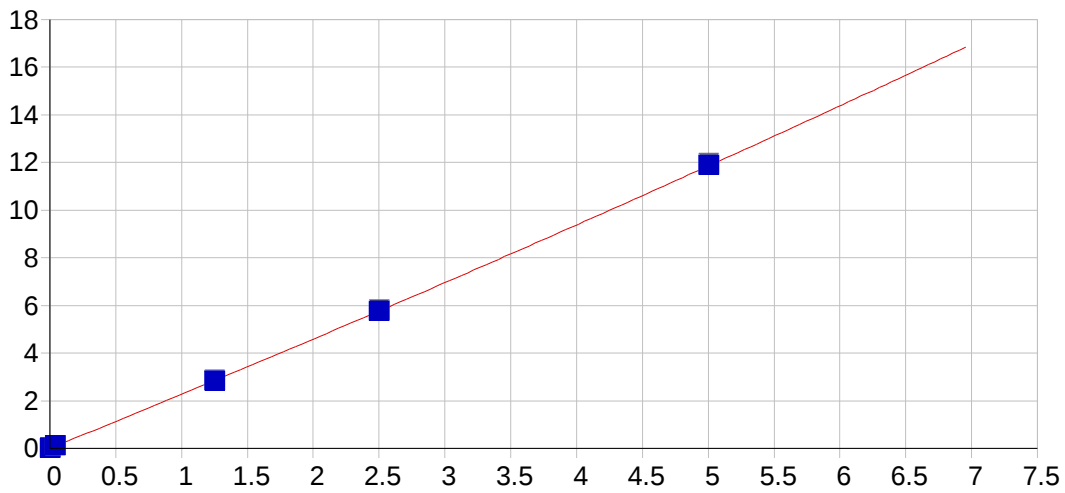
Weighting: 1/Conc

A0 (Offset): 0.550330
 A1 (Gain): 235.812103
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999576
 Std Error of Est: 0.167143
 Predicted MDL: 0.000259
 Predicted MQL: 0.000863

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.54858	.087	1
S1	.04000	.04641	.006	16.0	11.557	1.99	1
S3	1.2500	1.3205	.070	5.64	313.72	17.5	1
S4	2.5000	2.4204	-.080	-3.19	574.86	18.6	1
S5	5.0000	5.0027	.003	.055	1187.4	120.	1

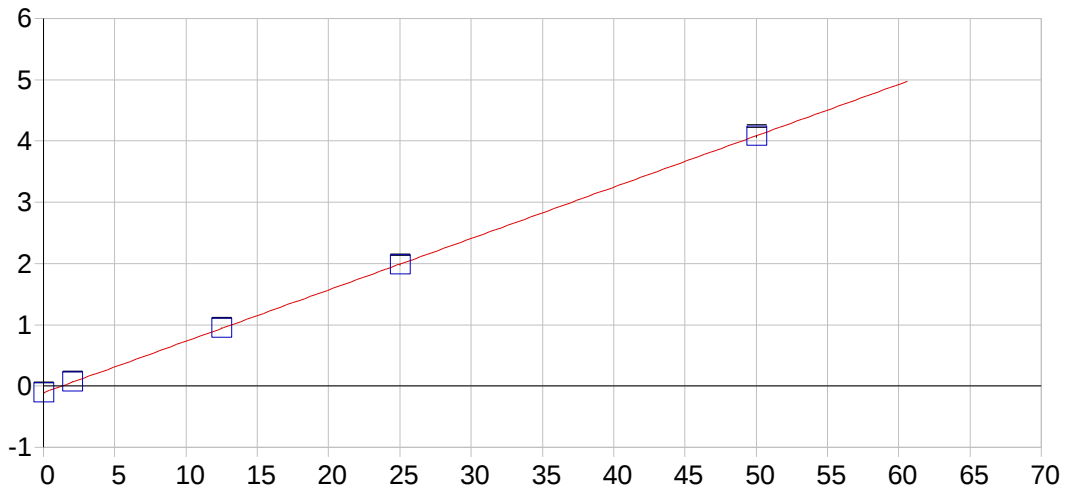


Zn 213.856 {458}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.004399 Re-Slope: 1.000000
 A1 (Gain): 2.238159 Y-int: 0.000000
 A2 (Curvature): 0.026315
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: Warning Positive Curvature
 Std Error of Est: 0.000985
 Predicted MDL: 0.000100
 Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00438	.000	1
S1	.04000	.04863	.009	21.6	.11392	.000	1
S3	1.2500	1.2411	-.009	-.712	2.8406	.006	1
S4	2.5000	2.4968	-.003	-.129	5.7924	.011	1
S5	5.0000	5.0035	.004	.070	11.933	.021	1



K 766.490 {44}

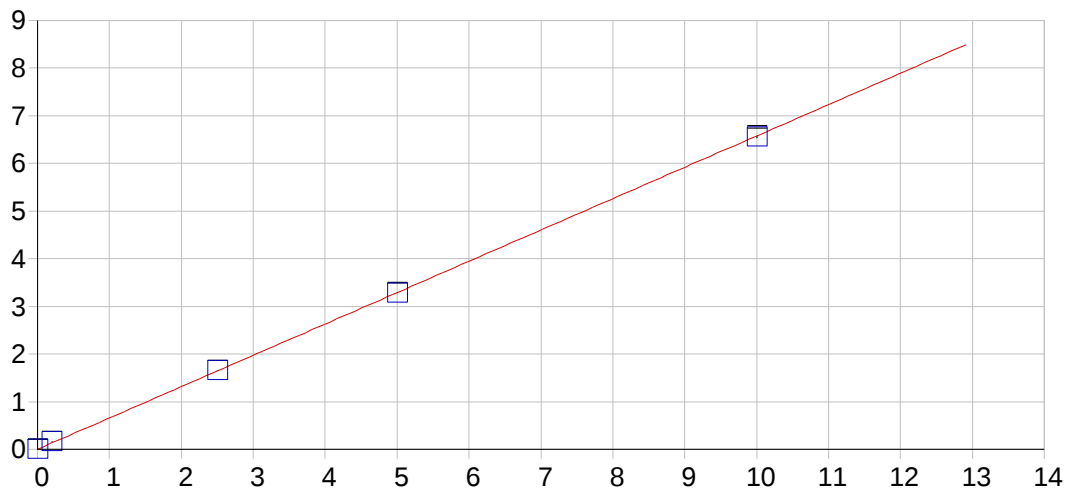
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.107399 Re-Slope: 1.000000
 A1 (Gain): 0.083853 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000412
 Predicted MDL: 0.040594
 Predicted MQL: 0.135313

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1101	.110	5.50	.06953	.002	1
S0	.00000	-.00011	-.000	.000	-.10741	.005	1
S3	12.500	12.583	.083	.664	.94773	.008	1
S4	25.000	24.885	-.115	-.460	1.9793	.010	1
S5	50.000	49.922	-.078	-.156	4.0787	.024	1



Mo 202.030 {467}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

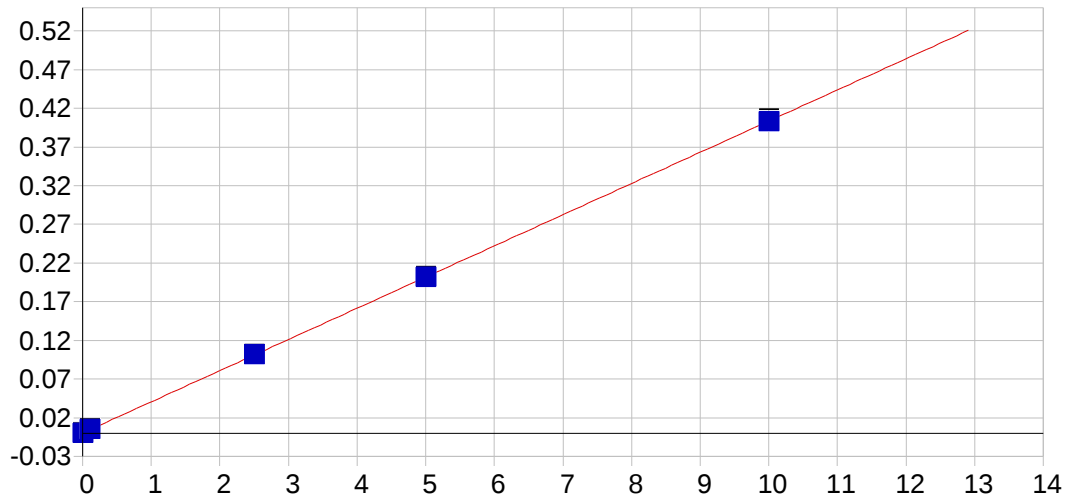
Weighting: 1/Conc

A0 (Offset): 0.000572
 A1 (Gain): 0.657638
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000969
 Predicted MDL: 0.000319
 Predicted MQL: 0.001062

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	-.00004	-.000	.000	.00055	.000	1
S1	.20000	.23511	.035	17.6	.15519	.000	1
S3	2.5000	2.5193	.019	.771	1.6573	.001	1
S4	5.0000	4.9876	-.012	-.248	3.2806	.005	1
S5	10.000	9.9580	-.042	-.420	6.5493	.027	1

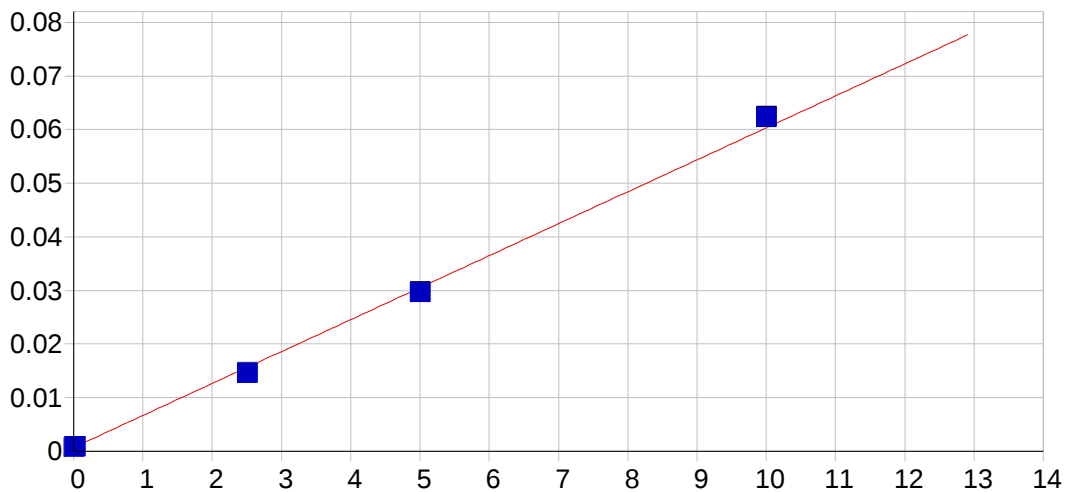


B 249.678 {135}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.040323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.008470
 Predicted MQL: 0.028234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00019	.000	1
S1	.10000	.12316	.023	23.2	.00514	.000	1
S3	2.5000	2.5056	.006	.223	.10099	.001	1
S4	5.0000	4.9922	-.008	-.156	.20102	.001	1
S5	10.000	9.9791	-.021	-.209	.40163	.004	1



S 182.034 {485}

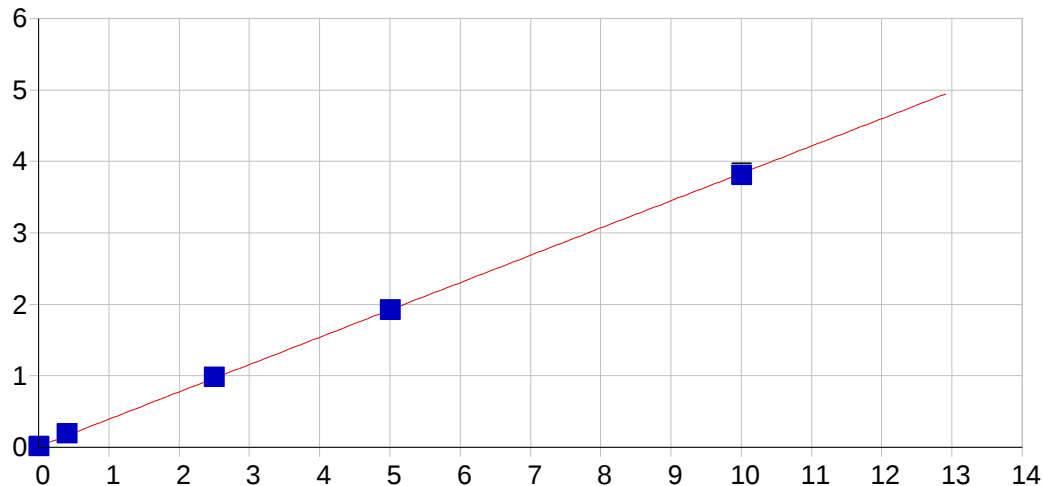
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000718 Re-Slope: 1.000000
 A1 (Gain): 0.005960 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999116
 Std Error of Est: 0.000006
 Predicted MDL: 0.017794
 Predicted MQL: 0.059314

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00072	.000	1
S1	.02000	.01198	-.008	-40.1	.00079	.000	1
S3	2.5000	2.3245	-.175	-7.02	.01456	.000	1
S4	5.0000	4.8515	-.149	-2.97	.02960	.000	1
S5	10.000	10.332	.332	3.32	.06223	.000	1



Si 288.158 {117}

Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

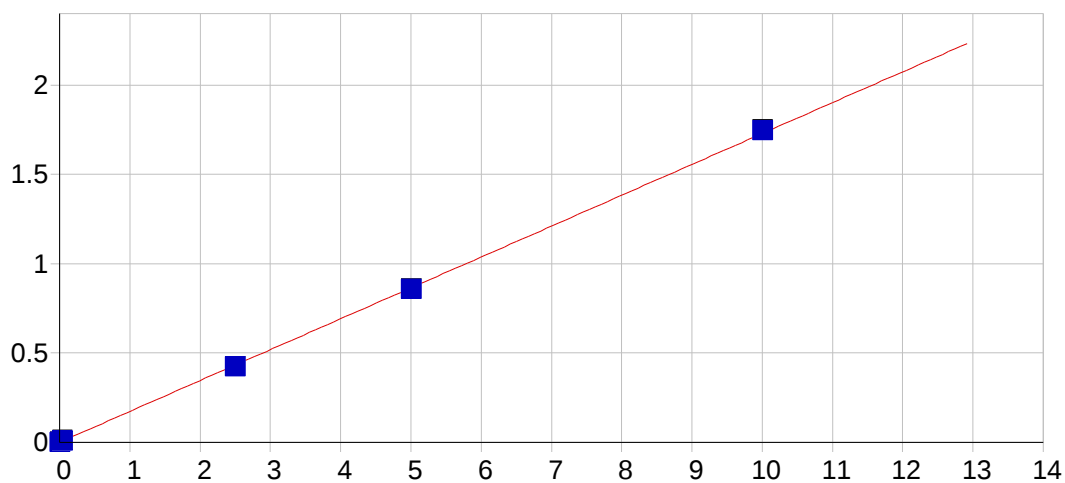
Weighting: 1/Conc

A0 (Offset): 0.011105
 A1 (Gain): 0.382162
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679
 Std Error of Est: 0.001057
 Predicted MDL: 0.002803
 Predicted MQL: 0.009345

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	-.00006	-.000	.000	.01108	.000	1
S1	.40000	.46552	.066	16.4	.18888	.001	1
S3	2.5000	2.5188	.019	.752	.97319	.004	1
S4	5.0000	4.9932	-.007	-.135	1.9183	.008	1
S5	10.000	9.9225	-.078	-.775	3.8011	.027	1

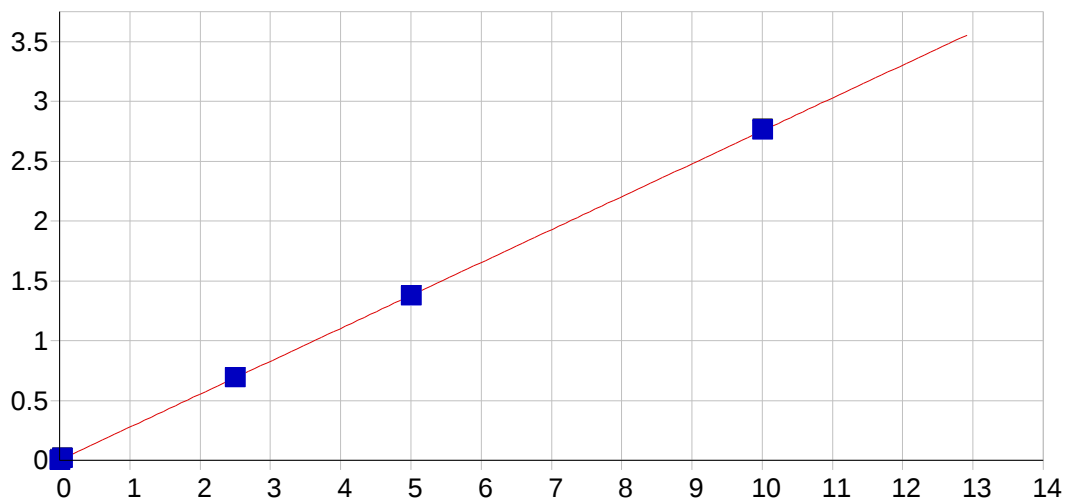


Sn 189.989 {477}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000751 Re-Slope: 1.000000
 A1 (Gain): 0.172790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000759
 Predicted MQL: 0.002530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00075	.000	1
S1	.04000	.04729	.007	18.2	.00892	.000	1
S3	2.5000	2.4459	-.054	-2.16	.42346	.001	1
S4	5.0000	4.9478	-.052	-1.04	.85584	.002	1
S5	10.000	10.099	.099	.990	1.7461	.003	1



Ti 336.121 {100}

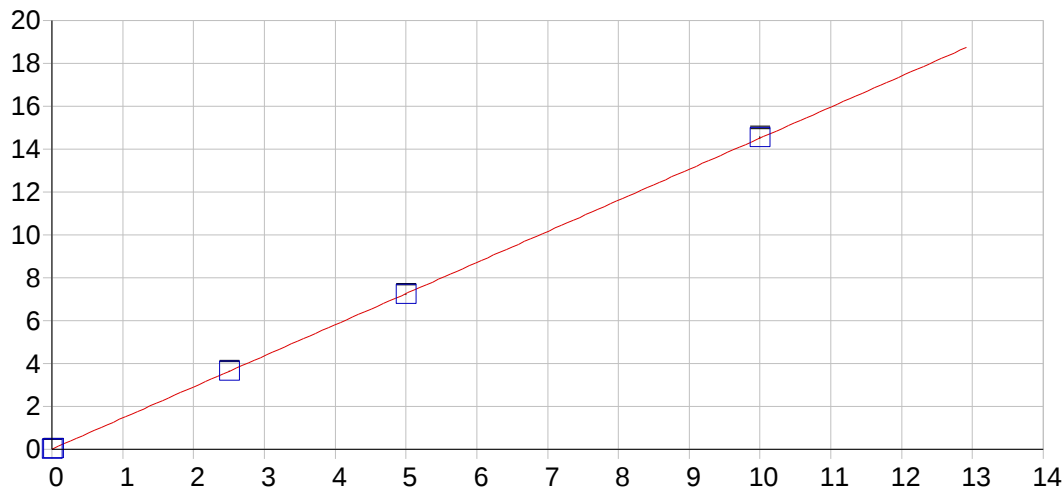
Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002665 Re-Slope: 1.000000
 A1 (Gain): 0.275065 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000064
 Predicted MDL: 0.002410
 Predicted MQL: 0.008034

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00266	.000	1
S1	.04000	.04513	.005	12.8	.01507	.000	1
S3	2.5000	2.4943	-.006	-.230	.68866	.003	1
S4	5.0000	4.9791	-.021	-.419	1.3721	.003	1
S5	10.000	10.022	.022	.215	2.7589	.005	1



Date of Fit: 2/12/2019 18:23:44

Type of Fit: Linear

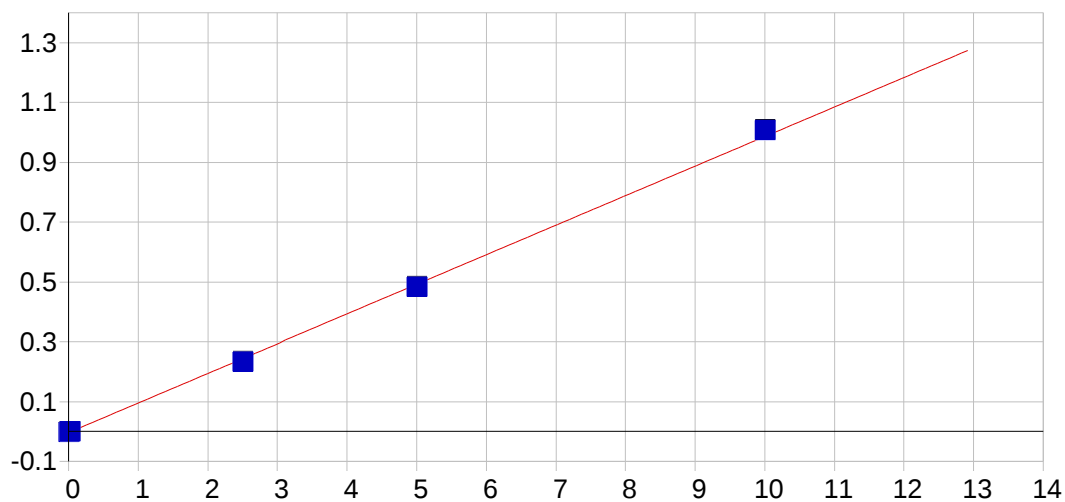
Weighting: 1/Conc

A0 (Offset): 0.009605
 A1 (Gain): 1.450356
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000233
 Predicted MDL: 0.002308
 Predicted MQL: 0.007694

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	.00960	.004	1
S1	.02000	.02361	.004	18.0	.04385	.000	1
S3	2.5000	2.5033	.003	.131	3.6402	.021	1
S4	5.0000	4.9781	-.022	-.439	7.2296	.024	1
S5	10.000	10.015	.015	.151	14.535	.056	1

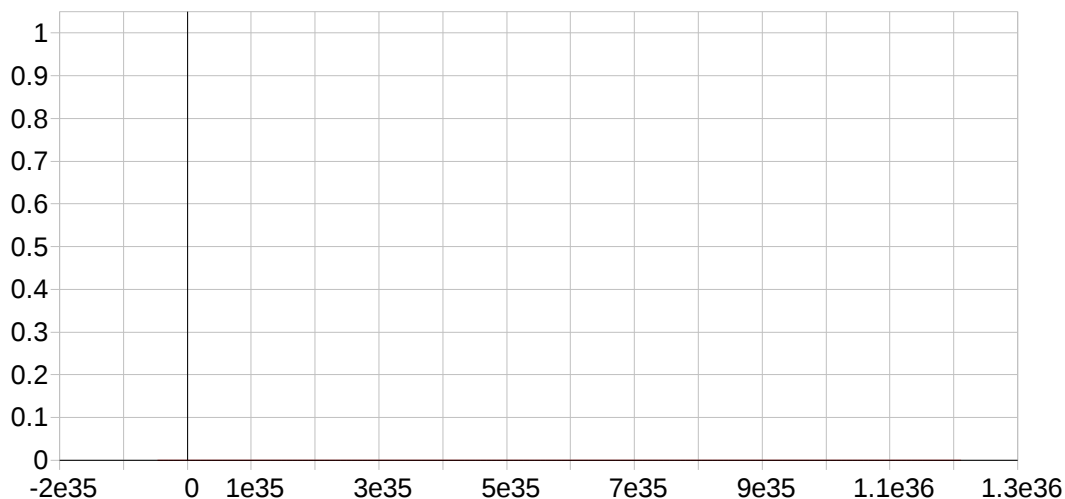


P 177.495 {490}

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002835 Re-Slope: 1.000000
 A1 (Gain): 0.098823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001495
 Predicted MQL: 0.004984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00283	.000	1
S1	.02000	.01902	-.001	-4.92	-.00096	.000	1
S3	2.5000	2.3801	-.120	-4.80	.23202	.001	1
S4	5.0000	4.9129	-.087	-1.74	.48196	.002	1
S5	10.000	10.208	.208	2.08	1.0045	.002	1



Y 224.306 {450}*

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

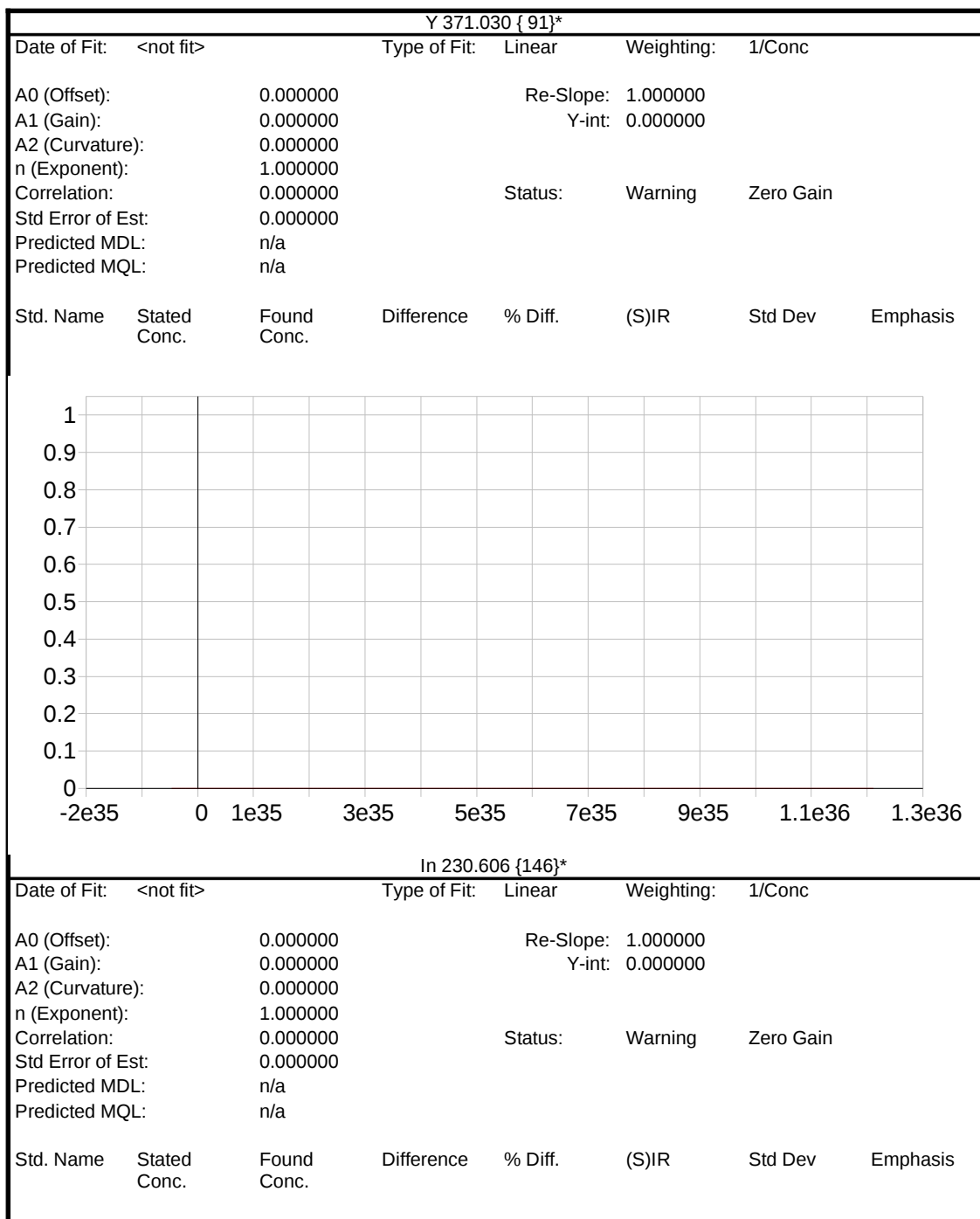
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

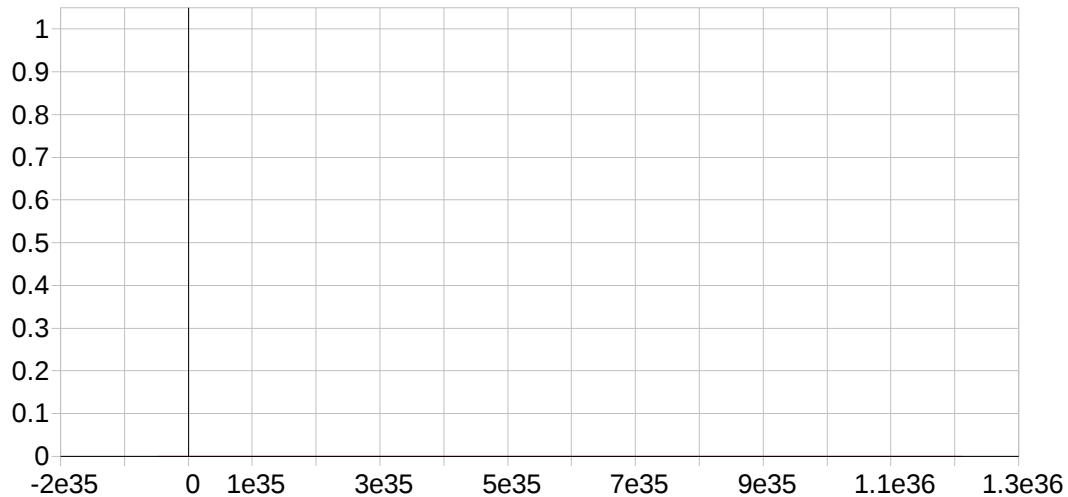
Status: Warning Zero Gain

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

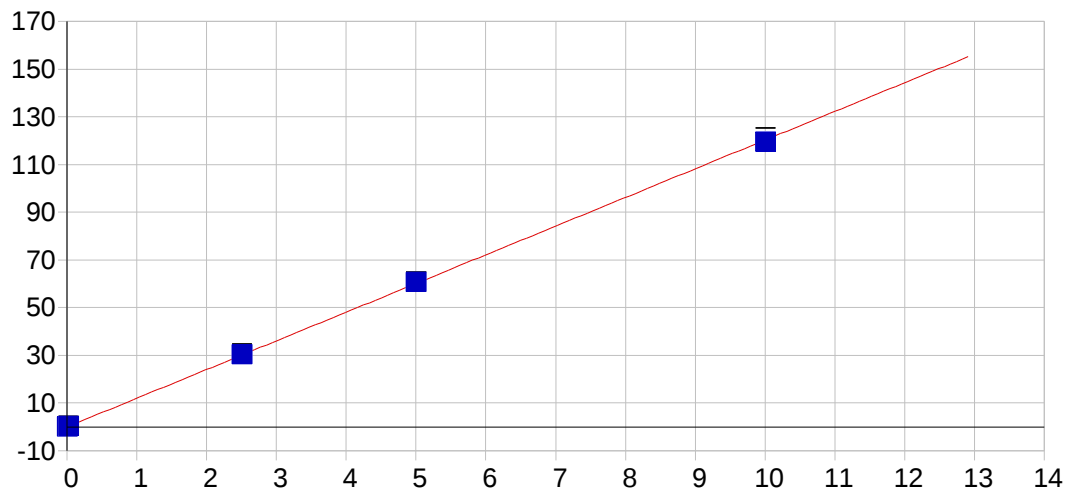
Status: Warning Zero Gain

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: 2/12/2019 18:23:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.009357

Re-Slope: 1.000000

A1 (Gain): 12.023474

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999962

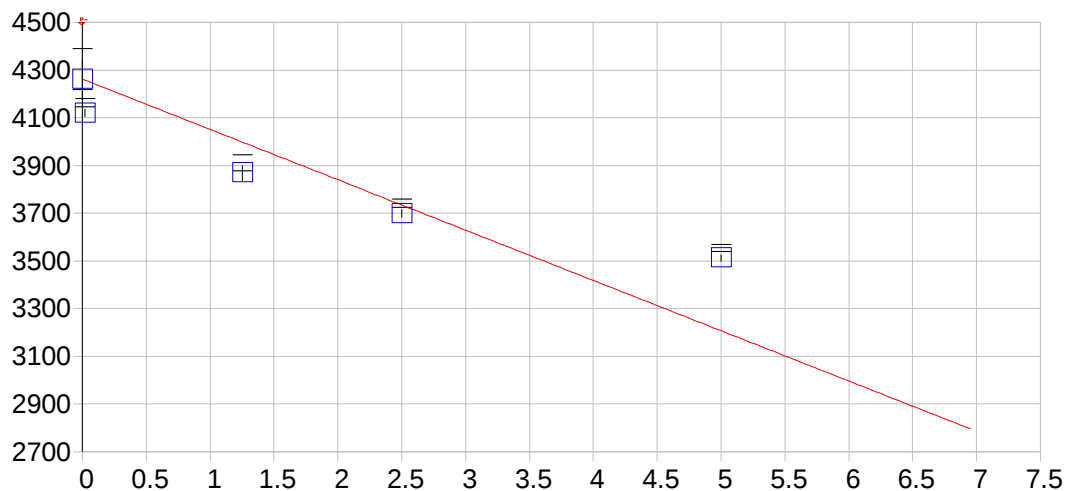
Status: OK.

Std Error of Est: 0.002528

Predicted MDL: 0.000108

Predicted MQL: 0.000359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00939	.001	1
S1	.02000	.02256	.003	12.8	.26323	.003	1
S3	2.5000	2.5241	.024	.964	30.372	.160	1
S4	5.0000	5.0401	.040	.802	60.656	.227	1
S5	10.000	9.9332	-.067	-.668	119.55	1.59	1

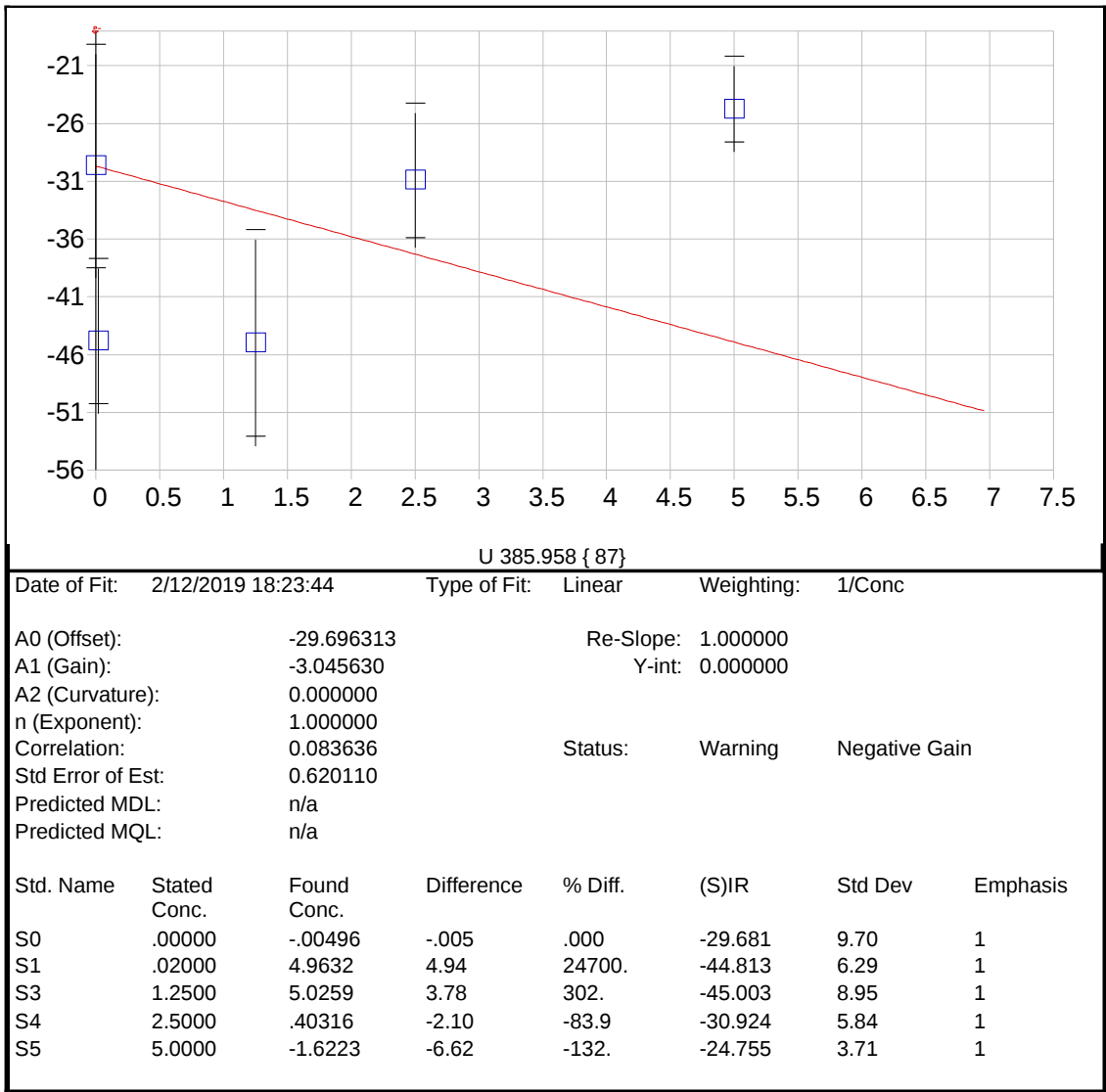


U 367.007 { 92 }

Date of Fit: 2/12/2019 18:23:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4261.903574 Re-Slope: 1.000000
A1 (Gain): -210.867266 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.532835 Status: Warning Negative Gain
Std Error of Est: 5.722778
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	4262.0	86.2	1
S1	.02000	.67368	.654	3270.	4119.8	16.9	1
S3	1.2500	1.8665	.616	49.3	3868.3	33.3	1
S4	2.5000	2.6725	.173	6.90	3698.4	17.9	1
S5	5.0000	3.5573	-1.44	-28.9	3511.8	15.3	1



Sample Name: S0 Acquired: 2/12/2019 12:01:40 Type: Cal
Method: P4-ICP2(v2843) 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	-.00028	-.00001	.00498	.00028	.00057	.00006	.12655	-.00007
Stddev	.00007	.00014	.00019	.00016	.00018	.00006	.00257	.00006
%RSD	24.526	2477.7	3.8493	55.545	30.887	89.137	2.0309	81.062

#1	-.00032	.00003	.00509	.00012	.00040	.00001	.12951	-.00007
#2	-.00020	.00012	.00476	.00044	.00075	.00013	.12525	-.00001
#3	-.00032	-.00017	.00509	.00028	.00056	.00005	.12489	-.00013

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	-.00216	-.00015	-.00035	-.00086	.00005	.00599	-.00004	-.00009
Stddev	.00016	.00075	.00005	.00008	.00038	.00054	.00015	.00097
%RSD	7.5245	498.43	15.389	9.2033	740.95	9.0361	360.87	1119.9

#1	-.00228	.00071	-.00041	-.00094	.00028	.00539	-.00019	-.00033
#2	-.00197	-.00068	-.00033	-.00078	-.00039	.00644	.00011	.00098
#3	-.00221	-.00049	-.00031	-.00087	.00027	.00614	-.00005	-.00092

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	-.00491	.00031	.00844	.00043	.00438	-.10741	.00055	.00019
Stddev	.00021	.00006	.00285	.00006	.00027	.00498	.00016	.00037
%RSD	4.2421	19.889	33.748	14.141	6.2323	4.6352	29.028	194.00

#1	-.00503	.00037	.01125	.00037	.00469	-.10372	.00054	-.00021
#2	-.00503	.00025	.00852	.00042	.00427	-.11307	.00039	.00052
#3	-.00467	.00031	.00556	.00049	.00418	-.10543	.00071	.00025

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	.00072	.01108	.00075	.00266	.00960	-.0028	-.00939	4262.0
Stddev	.00005	.00029	.00013	.00048	.00394	.0001	.00097	86.2
%RSD	7.4711	2.6451	16.923	18.018	41.005	4.646	10.352	2.0232

#1	.00069	.01141	.00082	.00321	.00506	-.0030	-.00939	4186.8
#2	.00068	.01098	.00083	.00233	.01212	-.0028	-.01036	4356.1
#3	.00078	.01085	.00060	.00245	.01161	-.0027	-.00842	4243.2

Sample Name: S0 Acquired: 2/12/2019 12:01:40 Type: Cal
 Method: P4-ICP2(v2843) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-29.681
Stddev	9.697
%RSD	32.671

#1	-36.817
#2	-18.640
#3	-33.586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.2	38213.	3729.0	16.616	3566.2
Stddev	7.5	863.	14.9	1.524	9.7
%RSD	.25280	2.2589	.39855	9.1697	.27277

#1	2946.0	37453.	3724.3	14.866	3555.1
#2	2950.3	39152.	3717.0	17.334	3570.2
#3	2960.5	38034.	3745.6	17.648	3573.2

Sample Name: S1 Acquired: 2/12/2019 12:06:05 Type: Cal
Method: P4-ICP2(v2843) 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	.00103	.00485	.00914	.00172	.00942	.00117	.22246	.00722
Stddev	.00002	.00022	.00009	.00014	.00005	.00010	.00028	.00009
%RSD	1.4701	4.5555	1.0290	8.0448	.52111	8.8219	.12774	1.2383

#1	.00104	.00501	.00906	.00187	.00945	.00125	.22231	.00732
#2	.00102	.00492	.00925	.00159	.00945	.00105	.22228	.00719
#3	.00104	.00460	.00912	.00171	.00937	.00122	.22279	.00715

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	.01659	.00209	.03926	.01636	.03588	.03575	.02585	.00312
Stddev	.00007	.00010	.00016	.00018	.00065	.00007	.00046	.00006
%RSD	.39735	4.6693	.39979	1.0722	1.8152	.20509	1.7941	1.8286

#1	.01662	.00205	.03940	.01627	.03584	.03578	.02627	.00319
#2	.01663	.00220	.03929	.01625	.03656	.03581	.02536	.00308
#3	.01651	.00201	.03909	.01656	.03526	.03567	.02593	.00310

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	.01206	.11392	.15519	.00514	.00079	.18888	.00892	.01507
Stddev	.00010	.00035	.00018	.00040	.00002	.00087	.00015	.00029
%RSD	.81183	.30298	.11358	7.7944	2.0921	.46113	1.6873	1.9248

#1	.01217	.11423	.15499	.00479	.00077	.18799	.00888	.01476
#2	.01201	.11355	.15529	.00558	.00080	.18973	.00879	.01534
#3	.01200	.11397	.15530	.00504	.00078	.18892	.00909	.01512

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04385	-.0010	.26323	4119.8	-44.813
Stddev	.00028	.0002	.00340	16.9	6.291
%RSD	.63545	22.26	1.2926	.41129	14.039

#1	.04416	-.0008	.25997	4105.4	-40.469
#2	.04374	-.0009	.26295	4138.5	-52.027
#3	.04363	-.0012	.26676	4115.6	-41.941

Sample Name: S1 Acquired: 2/12/2019 12:06:05 Type: Cal
Method: P4-ICP2(v2843) 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	2937.8	37577.	3727.3	16.073	3520.4
Stddev	8.8	111.	16.5	2.667	15.6
%RSD	.29883	.29583	.44284	16.595	.44442
#1	2929.1	37460.	3742.9	15.409	3502.7
#2	2946.7	37590.	3729.0	19.009	3532.4
#3	2937.5	37681.	3710.0	13.800	3526.1

Sample Name: S2 Acquired: 2/12/2019 12:10:30 Type: Cal
Method: P4-ICP2(v2843) 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	.10747	.02289	.65682	.06953
Stddev	.00089	.00049	.00247	.00196
%RSD	.83041	2.1465	.37538	2.8142

#1	.10647	.02305	.65397	.07178
#2	.10776	.02234	.65814	.06816
#3	.10819	.02328	.65834	.06867

Int. Std.	Y_3710
Units	Cts/S
Avg	3779.9
Stddev	13.9
%RSD	.36791

#1	3764.1
#2	3785.4
#3	3790.2

Sample Name: S3 Acquired: 2/12/2019 12:14:46 Type: Cal
Method: P4-ICP2(v2843) 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	.14353	.25768	.73115	.17512	.36449	.04593	3.9794	.13238
Stddev	.00040	.00050	.00121	.00083	.00121	.00018	.0318	.00021
%RSD	.28162	.19292	.16534	.47371	.33184	.40126	.79914	.15658
#1	.14381	.25801	.73148	.17608	.36589	.04572	3.9434	.13250
#2	.14371	.25791	.72981	.17468	.36374	.04602	3.9910	.13214
#3	.14307	.25711	.73216	.17461	.36384	.04605	4.0037	.13251
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	3.5128	.63565	.11026	1.3620	.43919	.63694	1.8429	.13064
Stddev	.0031	.00292	.00060	.0036	.00074	.00229	.0024	.00147
%RSD	.08810	.45899	.54378	.26540	.16938	.35998	.13174	1.1267
#1	3.5109	.63315	.11051	1.3660	.43833	.63540	1.8405	.12936
#2	3.5112	.63494	.11069	1.3589	.43970	.63958	1.8453	.13030
#3	3.5164	.63885	.10958	1.3610	.43953	.63584	1.8428	.13225
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	.79309	.15608	3.7667	.29701	2.8406	.94773	1.6573	.10099
Stddev	.00038	.00069	.0460	.00042	.0056	.00764	.0015	.00065
%RSD	.04790	.44019	1.2208	.14016	.19825	.80583	.08835	.64792
#1	.79309	.15638	3.7142	.29692	2.8450	.93921	1.6589	.10058
#2	.79272	.15656	3.7861	.29665	2.8342	.95397	1.6561	.10064
#3	.79348	.15529	3.7998	.29747	2.8425	.95000	1.6570	.10174
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	.01456	.97319	.42346	.68866	3.6402	.2320	30.372	3868.3
Stddev	.00005	.00399	.00076	.00329	.0210	.0006	.160	33.3
%RSD	.36416	.41046	.17963	.47752	.57670	.2609	.52805	.86088
#1	.01462	.96885	.42326	.68561	3.6170	.2325	30.187	3886.1
#2	.01452	.97672	.42281	.68821	3.6458	.2322	30.469	3829.9
#3	.01453	.97399	.42429	.69215	3.6579	.2313	30.460	3889.0

Sample Name: S3 Acquired: 2/12/2019 12:14:46 Type: Cal
 Method: P4-ICP2(v2843) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-45.003
Stddev	8.948
%RSD	19.883

#1	-52.324
#2	-47.657
#3	-35.029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.3	36871.	3792.6	13.870	3345.8
Stddev	10.1	139.	14.0	.791	10.0
%RSD	.34594	.37722	.36855	5.7020	.29997

#1	2893.9	36948.	3808.7	13.113	3334.9
#2	2913.0	36710.	3784.2	14.691	3354.7
#3	2908.9	36954.	3784.8	13.808	3347.7

Sample Name: S4 Acquired: 2/12/2019 12:18:47 Type: Cal
Method: P4-ICP2(v2843) 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	.28778	.51499	1.4627	.34917	.72744	.09315	7.8320	.26460
Stddev	.00064	.00023	.0034	.00018	.00072	.00039	.0338	.00037
%RSD	.22117	.04548	.23493	.05214	.09860	.41946	.43148	.14083
#1	.28744	.51489	1.4619	.34938	.72781	.09270	7.8654	.26417
#2	.28739	.51526	1.4598	.34905	.72661	.09340	7.7978	.26487
#3	.28852	.51483	1.4665	.34908	.72789	.09333	7.8327	.26476
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	7.1185	1.2634	.21948	2.7568	.86331	1.2369	3.6555	.25849
Stddev	.0180	.0049	.00022	.0062	.00112	.0039	.0045	.00257
%RSD	.25348	.38595	.10166	.22379	.12929	.31426	.12184	.99317
#1	7.1302	1.2594	.21923	2.7562	.86411	1.2363	3.6517	.25571
#2	7.0977	1.2689	.21964	2.7509	.86203	1.2410	3.6545	.26077
#3	7.1276	1.2621	.21958	2.7632	.86379	1.2332	3.6604	.25899
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	1.5943	.31148	7.4864	.59186	5.7924	1.9793	3.2806	.20102
Stddev	.0018	.00052	.0297	.00067	.0113	.0098	.0050	.00061
%RSD	.11004	.16761	.39613	.11252	.19583	.49490	.15254	.30181
#1	1.5945	.31171	7.5078	.59112	5.8017	1.9892	3.2845	.20034
#2	1.5925	.31184	7.4526	.59241	5.7797	1.9696	3.2750	.20121
#3	1.5960	.31088	7.4988	.59205	5.7956	1.9790	3.2824	.20151
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	.02960	1.9183	.85584	1.3721	7.2296	.4820	60.656	3698.4
Stddev	.00008	.0081	.00236	.0034	.0238	.0016	.227	17.9
%RSD	.26663	.42104	.27588	.24416	.32966	.3385	.37398	.48305
#1	.02960	1.9192	.85392	1.3688	7.2556	.4811	60.918	3679.8
#2	.02968	1.9259	.85513	1.3755	7.2089	.4838	60.535	3699.8
#3	.02952	1.9098	.85847	1.3719	7.2242	.4809	60.516	3715.5

Sample Name: S4 Acquired: 2/12/2019 12:18:47 Type: Cal
 Method: P4-ICP2(v2843) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-30.924
Stddev	5.839
%RSD	18.882

#1	-34.524
#2	-34.061
#3	-24.187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.3	36102.	3774.4	14.661	3203.4
Stddev	6.6	14.	16.4	.493	6.7
%RSD	.23007	.03853	.43425	3.3600	.20979

#1	2852.2	36088.	3768.1	14.177	3196.8
#2	2865.2	36116.	3762.1	15.162	3210.3
#3	2860.3	36102.	3793.0	14.643	3203.0

Sample Name: S5 Acquired: 2/12/2019 12:22:47 Type: Cal
Method: P4-ICP2(v2843) 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	.58010	1.0343	2.9765	.69966	1.4641	.19012	15.891	.52926
Stddev	.00197	.0005	.0082	.00262	.0059	.00037	.055	.00230
%RSD	.34017	.04557	.27518	.37444	.40505	.19271	.34535	.43474

#1	.57816	1.0338	2.9689	.69909	1.4597	.19038	15.828	.52879
#2	.58210	1.0344	2.9852	.70251	1.4708	.19029	15.925	.53176
#3	.58003	1.0347	2.9756	.69737	1.4617	.18970	15.920	.52723

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	14.560	2.4923	.43777	5.6470	1.7022	2.3899	7.2231	.51292
Stddev	.029	.0208	.00106	.0129	.0068	.0063	.0171	.00243
%RSD	.19801	.83500	.24296	.22770	.40156	.26514	.23707	.47317

#1	14.541	2.4688	.43873	5.6410	1.6974	2.3831	7.2364	.51042
#2	14.594	2.4994	.43795	5.6618	1.7100	2.3909	7.2291	.51308
#3	14.547	2.5085	.43663	5.6383	1.6992	2.3957	7.2037	.51526

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	3.2502	.62699	15.098	1.1851	11.933	4.0787	6.5493	.40163
Stddev	.0091	.00179	.067	.0028	.021	.0243	.0273	.00350
%RSD	.27883	.28527	.44612	.23642	.17333	.59501	.41725	.87268

#1	3.2433	.62900	15.021	1.1876	11.920	4.0517	6.5265	.39759
#2	3.2605	.62555	15.142	1.1855	11.957	4.0986	6.5796	.40386
#3	3.2468	.62643	15.132	1.1821	11.923	4.0858	6.5418	.40344

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	.06223	3.8011	1.7461	2.7589	14.535	1.005	119.55	3511.8
Stddev	.00017	.0274	.0030	.0055	.056	.002	1.59	15.3
%RSD	.27322	.71971	.17373	.19851	.38383	.1653	1.3336	.43448

#1	.06229	3.7773	1.7435	2.7531	14.478	1.006	119.33	3501.8
#2	.06204	3.7950	1.7494	2.7597	14.590	1.004	121.25	3504.2
#3	.06237	3.8310	1.7453	2.7639	14.537	1.004	118.08	3529.4

Sample Name: S5 Acquired: 2/12/2019 12:22:47 Type: Cal
 Method: P4-ICP2(v2843) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-24.755
Stddev	3.711
%RSD	14.990

#1	-21.220
#2	-24.426
#3	-28.620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.0	35134.	3751.8	13.658	3012.3
Stddev	8.3	100.	18.7	1.370	4.8
%RSD	.30020	.28398	.49808	10.032	.15851

#1	2781.8	35066.	3772.9	14.814	3013.4
#2	2768.5	35089.	3737.2	12.145	3007.1
#3	2783.8	35249.	3745.3	14.017	3016.5

Sample Name: ICV01 Acquired: 2/12/2019 12:43:13 Type: Unk
Method: P4-ICP2(v2843) 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	1.0082	.99936	.98630	1.0027	1.0036	2.4869	.48926
Stddev	.0006	.00153	.00184	.0054	.0035	.0294	.00533
%RSD	.05433	.15283	.18702	.53648	.35111	1.1837	1.0893

#1	1.0077	.99764	.98637	1.0045	1.0032	2.4612	.49491
#2	1.0088	.99985	.98443	.99664	1.0074	2.4803	.48433
#3	1.0081	1.0006	.98811	1.0069	1.0004	2.5190	.48854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47798	.48109	9.9899	.49807	.48796	.51351	5.0580
Stddev	.00199	.00096	.0840	.00161	.00073	.00168	.0137
%RSD	.41689	.19942	.84070	.32260	.14899	.32754	.27085

#1	.47669	.48154	9.9825	.49625	.48867	.51160	5.0737
#2	.47698	.47999	9.9099	.49931	.48722	.51476	5.0520
#3	.48028	.48174	10.077	.49863	.48798	.51416	5.0483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50484	5.8521	.48975	.48719	9.6866	.49320	.98776
Stddev	.00211	.0353	.00098	.00049	.0495	.00188	.00045
%RSD	.41871	.60411	.19971	.09997	.51084	.38061	.04601

#1	.50371	5.8255	.49039	.48696	9.6714	.49272	.98775
#2	.50353	5.8386	.48862	.48775	9.6464	.49161	.98821
#3	.50728	5.8922	.49023	.48687	9.7418	.49527	.98730

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9200	2.5921	2.5175	2.5103	2.4310	2.5168	2.5518
Stddev	.1103	.0141	.0251	.0288	.0044	.0109	.0221
%RSD	1.1117	.54446	.99812	1.1485	.17976	.43343	.86581

#1	9.9119	2.5759	2.4942	2.4974	2.4344	2.5081	2.5387
#2	9.8140	2.6012	2.5143	2.5433	2.4260	2.5133	2.5393
#3	10.034	2.5993	2.5441	2.4902	2.4325	2.5290	2.5773

Sample Name: ICV01 Acquired: 2/12/2019 12:43:13 Type: Unk
Method: P4-ICP2(v2843) 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 2.6673	2.533	2.4097	F 2.6148	F<.00000
Stddev	.0129	.006	.0159	.0967	1.6167
%RSD	.48373	.2442	.65953	3.6997	5.5811
#1	2.6589	2.530	2.4065	2.6491	-30.588
#2	2.6610	2.528	2.3956	2.6897	-28.960
#3	2.6822	2.540	2.4269	2.5056	-27.354
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.8	36474.	3852.7	14.124	3350.9
Stddev	7.3	31.	14.7	.260	11.3
%RSD	.25619	.08539	.38079	1.8399	.33646
#1	2864.0	36490.	3835.9	13.986	3338.4
#2	2859.4	36494.	3863.3	13.962	3353.8
#3	2873.8	36438.	3858.7	14.424	3360.4

Sample Name: LLICV01 Acquired: 2/12/2019 12:50:30 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01895	.04411	.01343	.01707	.05555	.09965	.09834
Stddev	.00064	.00120	.00047	.00247	.00088	.01404	.00305
%RSD	3.3678	2.7301	3.4831	14.451	1.5852	14.085	3.0982

#1	.01847	.04450	.01360	.01581	.05571	.11585	.09575
#2	.01967	.04276	.01378	.01991	.05459	.09128	.09757
#3	.01869	.04506	.01290	.01549	.05633	.09181	.10170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.00565	2.0297	.01051	.03196	.02108	.10574
Stddev	.00007	.00001	.0236	.00016	.00008	.00024	.00334
%RSD	1.0871	.21986	1.1609	1.5100	.24147	1.1405	3.1625

#1	.00607	.00564	2.0035	.01035	.03195	.02126	.10872
#2	.00603	.00564	2.0365	.01053	.03189	.02117	.10212
#3	.00594	.00566	2.0491	.01066	.03205	.02080	.10636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02182	2.1626	.04119	.01038	2.0109	.04271	.04353
Stddev	.00008	.0552	.00027	.00043	.0092	.00015	.00012
%RSD	.36749	2.5514	.64768	4.1055	.45647	.34376	.27373

#1	.02192	2.2036	.04144	.00999	2.0202	.04257	.04358
#2	.02176	2.0999	.04122	.01032	2.0019	.04286	.04362
#3	.02180	2.1844	.04090	.01084	2.0107	.04271	.04339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0294	.20651	.10421	F -.01447	.39802	.04132	.04082
Stddev	.0170	.00052	.00818	.00917	.00179	.00066	.00247
%RSD	.83866	.25080	7.8504	63.346	.45090	1.6017	6.0591

#1	2.0099	.20671	.09685	-.01487	.39746	.04163	.03829
#2	2.0364	.20690	.10277	-.02343	.39657	.04056	.04095
#3	2.0417	.20592	.11302	-.00511	.40003	.04177	.04323

Sample Name: LLICV01 Acquired: 2/12/2019 12:50:30 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01965	.0178	.01980	F 2.4170	F 4.3731
Stddev	.00113	.0007	.00010	.0928	.2932
%RSD	5.7550	4.207	.51925	3.8404	6.7053
#1	.01953	.0170	.01991	2.4994	4.0614
#2	.01859	.0184	.01971	2.4352	4.6435
#3	.02084	.0180	.01977	2.3165	4.4145
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.9	36651.	3829.2	14.919	3507.0
Stddev	16.8	102.	15.3	1.890	17.5
%RSD	.58004	.27915	.40031	12.669	.49950
#1	2885.5	36569.	3812.0	15.136	3486.8
#2	2912.7	36619.	3834.4	16.691	3517.5
#3	2916.4	36766.	3841.3	12.930	3516.7

Sample Name: ICB01 Acquired: 2/12/2019 12:54:55 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00022	.00010	-.00346	-.00029	.00903	.00074
Stddev	.00199	.00135	.00029	.00130	.00126	.00153	.00311
%RSD	457.74	623.74	286.46	37.576	437.94	17.005	418.26

#1	.00123	.00052	-.00019	-.00206	.00061	.00846	.00146
#2	-.00183	.00060	.00011	-.00370	-.00173	.01076	.00343
#3	.00191	-.00177	.00038	-.00463	.00025	.00786	-.00266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.00587	.00000	-.00002	-.00003	-.00195
Stddev	.00002	.00002	.00497	.00031	.00016	.00071	.00125
%RSD	391.23	46.410	84.745	6427.1	928.41	2854.0	63.775

#1	.00002	.00003	.00375	-.00017	.00013	-.00030	-.00334
#2	-.00002	.00003	.01154	-.00018	-.00019	.00079	-.00092
#3	.00002	.00006	.00230	.00036	.00001	-.00056	-.00160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04325	.00025	.00023	-.01366	-.00028	-.00017
Stddev	.00001	.03083	.00027	.00052	.00481	.00047	.00003
%RSD	180.27	71.279	105.57	226.18	35.202	170.20	16.870

#1	-.00001	.00945	.00039	-.00011	-.00917	-.00052	-.00018
#2	.00001	.06982	.00042	-.00003	-.01874	.00027	-.00020
#3	-.00002	.05049	-.00006	.00083	-.01308	-.00059	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00710	-.00023	.01024	F -.04144	-.00041	-.00100	-.00269
Stddev	.03546	.00018	.00835	.01506	.00214	.00072	.00160
%RSD	499.51	77.307	81.565	36.347	526.31	71.751	59.417

#1	.02040	-.00014	.00074	-.05251	.00204	-.00019	-.00301
#2	-.03308	-.00012	.01645	-.02429	-.00132	-.00157	-.00096
#3	.03398	-.00044	.01352	-.04751	-.00193	-.00125	-.00410

Sample Name: ICB01 Acquired: 2/12/2019 12:54:55 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.0004	-.00002	F 2.1816	F 2.8491
Stddev	.00069	.0019	.00002	.1959	2.9470
%RSD	1535.5	419.6	159.56	8.9812	103.44
#1	.00013	-.0004	-.00001	2.3274	3.0103
#2	-.00081	.0014	.00001	2.2585	-.17527
#3	.00054	-.0024	-.00004	1.9589	5.7122
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.0	36720.	3753.2	14.170	3507.0
Stddev	3.6	168.	22.2	.611	3.2
%RSD	.12625	.45860	.59143	4.3084	.09188
#1	2886.5	36536.	3741.6	13.475	3504.1
#2	2887.2	36755.	3778.8	14.618	3506.4
#3	2893.2	36867.	3739.2	14.418	3510.5

Sample Name: CRI01 Acquired: 2/12/2019 12:59:22 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01971	.04388	.01262	.02039	.05331	.10519	.09728
Stddev	.00209	.00076	.00107	.00144	.00092	.00666	.00112
%RSD	10.618	1.7260	8.4664	7.0432	1.7310	6.3315	1.1491

#1	.01734	.04306	.01168	.01994	.05374	.11287	.09767
#2	.02046	.04455	.01240	.01923	.05225	.10093	.09816
#3	.02132	.04402	.01379	.02200	.05394	.10178	.09602

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	.00571	2.0307	.00991	.03164	.02066	.10376
Stddev	.00008	.00006	.0082	.00045	.00007	.00052	.00235
%RSD	1.2896	1.0653	.40590	4.5313	.20832	2.5240	2.2659

#1	.00605	.00571	2.0354	.01029	.03157	.02047	.10201
#2	.00595	.00565	2.0211	.01003	.03170	.02026	.10643
#3	.00610	.00578	2.0354	.00942	.03165	.02125	.10283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02193	2.1287	.04132	.01009	2.0054	.04306	.04396
Stddev	.00021	.0322	.00029	.00063	.0107	.00039	.00010
%RSD	.94813	1.5141	.69827	6.2452	.53430	.90351	.23707

#1	.02178	2.1042	.04162	.00947	2.0163	.04269	.04399
#2	.02185	2.1652	.04129	.01006	1.9949	.04301	.04385
#3	.02217	2.1166	.04104	.01073	2.0051	.04347	.04405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0123	.20540	.10828	F -.01895	.40187	.04072	.03870
Stddev	.0337	.00056	.00702	.01902	.00370	.00082	.00205
%RSD	1.6739	.27264	6.4859	100.37	.91980	2.0166	5.2877

#1	2.0320	.20603	.11108	-.03678	.40059	.04109	.03837
#2	2.0315	.20518	.11346	-.02114	.39898	.04130	.03684
#3	1.9734	.20498	.10028	.00107	.40604	.03978	.04089

Sample Name: CRI01 Acquired: 2/12/2019 12:59:22 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01975	.0178	.01971	F 1.8757	F 4.2239
Stddev	.00360	.0014	.00008	.1934	2.0158
%RSD	18.231	7.819	.41373	10.313	47.724
#1	.02044	.0177	.01976	2.0905	4.5815
#2	.01586	.0192	.01976	1.8214	6.0370
#3	.02296	.0164	.01961	1.7153	2.0532
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2919.2	37109.	3822.5	13.845	3517.7
Stddev	13.3	83.	34.6	.484	15.4
%RSD	.45683	.22373	.90526	3.4979	.43704
#1	2903.8	37035.	3798.0	14.225	3500.1
#2	2926.3	37094.	3807.4	14.011	3528.7
#3	2927.4	37199.	3862.1	13.300	3524.3

Sample Name: ICSA01 Acquired: 2/12/2019 13:03:49 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00795	-.00216	.00708	-.00151	-.00539	262.03	-.00128	-.00003
Stddev	.00498	.00095	.00080	.00352	.00125	1.69	.00215	.00007
%RSD	62.610	43.986	11.311	233.53	23.272	.64512	167.58	208.27

#1	-.01230	-.00107	.00667	-.00383	-.00546	260.14	.00084	-.00002
#2	-.00252	-.00283	.00657	-.00323	-.00410	263.40	-.00123	.00003
#3	-.00904	-.00259	.00800	.00254	-.00660	262.55	-.00346	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	238.22	.05415	-.00068	-.00407	88.969	.01481	249.02
Stddev	.00006	.20	.00042	.00021	.00042	.047	.00009	.65
%RSD	3.2695	.08231	.76817	30.585	10.418	.05280	.57681	.25925

#1	-.00184	238.40	.05376	-.00050	-.00363	88.959	.01472	249.05
#2	-.00196	238.01	.05409	-.00063	-.00448	89.020	.01483	248.36
#3	-.00191	238.26	.05459	-.00091	-.00409	88.928	.01489	249.65

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00551	.02536	.00070	-.01313	.08135	.00128	.03310
Stddev	.00059	.00079	.00916	.00039	.00009	.02141	.00026	.01263
%RSD	27.425	14.432	36.109	55.807	.71831	26.314	20.295	38.166

#1	-.00166	-.00532	.02524	.00108	-.01302	.06801	.00103	.03306
#2	-.00200	-.00482	.03458	.00071	-.01317	.07000	.00126	.02049
#3	-.00281	-.00638	.01627	.00030	-.01319	.10604	.00155	.04575

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00969	.00934	-.00352	.01728	-.0012	.00010	3.8258
Stddev	.01364	.00432	.00117	.00067	.00145	.0028	.00033	.2098
%RSD	587.89	44.565	12.491	18.994	8.4160	240.5	335.92	5.4835

#1	-.01134	-.01281	.00997	-.00288	.01571	.0018	.00041	3.6762
#2	-.00899	-.00476	.00800	-.00346	.01756	-.0015	-.00025	4.0656
#3	.01337	-.01149	.01006	-.00421	.01858	-.0038	.00013	3.7355

Sample Name: ICSA01 Acquired: 2/12/2019 13:03:49 Type: Unk
 Method: P4-ICP2(v2843) 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	11.831
%RSD	1.5158

#1	-779.52
#2	-769.22
#3	-792.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2722.2	33715.	3756.4	13.050	2904.7
Stddev	5.6	138.	10.3	.365	6.4
%RSD	.20442	.41049	.27448	2.7943	.21954

#1	2721.5	33825.	3746.6	12.741	2901.0
#2	2716.9	33560.	3755.5	13.452	2901.0
#3	2728.0	33761.	3767.2	12.956	2912.1

Sample Name: ICSAB01 Acquired: 2/12/2019 13:07:55 Type: Unk
Method: P4-ICP2(v2843) 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	.09629	.08970	.05263	.05548	.63170	254.22	.51052	.55624
Stddev	.00162	.00118	.00113	.00371	.00332	.29	.00337	.00102
%RSD	1.6815	1.3124	2.1380	6.6827	.52555	.11376	.65925	.18374
#1	.09808	.08848	.05393	.05747	.62789	254.00	.50762	.55706
#2	.09586	.09083	.05203	.05120	.63321	254.55	.51421	.55510
#3	.09493	.08979	.05194	.05776	.63400	254.10	.50972	.55656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0342	229.73	.57921	.52008	.50876	85.693	.54178	239.61
Stddev	.0045	.87	.00259	.00047	.00063	.017	.00121	.04
%RSD	.43181	.37898	.44713	.09054	.12323	.01985	.22365	.01878
#1	1.0295	229.14	.58219	.51958	.50948	85.705	.54291	239.56
#2	1.0349	229.31	.57758	.52051	.50839	85.674	.54193	239.65
#3	1.0383	230.73	.57786	.52016	.50840	85.701	.54050	239.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0287	.18974	.02183	.51871	1.0829	-.02108	1.1115	1.1476
Stddev	.0038	.00229	.00384	.00120	.0040	.01499	.0012	.0169
%RSD	.37168	1.2061	17.603	.23143	.36954	71.101	.10884	1.4760
#1	1.0263	.19158	.02320	.51782	1.0786	-.00616	1.1119	1.1449
#2	1.0331	.18717	.01749	.51823	1.0836	-.02095	1.1125	1.1658
#3	1.0267	.19046	.02479	.52007	1.0866	-.03613	1.1101	1.1322
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.3695	1.0208	1.1495	1.1182	F 1.3560	F 1.311	1.1529	4.3245
Stddev	.0209	.0033	.0003	.0022	.0063	.003	.0014	.1472
%RSD	1.5224	.31968	.02838	.19762	.46680	.2417	.12363	3.4033
#1	1.3888	1.0204	1.1498	1.1189	1.3490	1.311	1.1515	4.3352
#2	1.3723	1.0243	1.1491	1.1158	1.3615	1.308	1.1529	4.4661
#3	1.3474	1.0178	1.1495	1.1201	1.3574	1.315	1.1543	4.1723

Sample Name: ICSAB01 Acquired: 2/12/2019 13:07:55 Type: Unk
Method: P4-ICP2(v2843) 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	.65164
%RSD	.08925

#1	-729.59
#2	-730.00
#3	-730.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.1	33122.	3723.8	14.166	2846.1
Stddev	6.8	103.	4.4	.654	10.8
%RSD	.25464	.31096	.11916	4.6186	.38075

#1	2671.6	33031.	3719.7	13.417	2855.6
#2	2668.1	33101.	3723.3	14.457	2848.3
#3	2658.5	33234.	3728.5	14.625	2834.3

Sample Name: CCV01 Acquired: 2/12/2019 13:12:11 Type: Unk
Method: P4-ICP2(v2843) 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	4.9256	4.9151	4.8895	4.9323	4.9223	9.9295	9.7689	.24833
Stddev	.0136	.0236	.0274	.0303	.0221	.0778	.0597	.00062
%RSD	.27670	.48053	.56066	.61410	.44823	.78388	.61156	.25153
#1	4.9391	4.9424	4.9208	4.9671	4.9478	9.9059	9.8102	.24905
#2	4.9260	4.9020	4.8779	4.9122	4.9090	9.8663	9.7962	.24793
#3	4.9118	4.9009	4.8698	4.9176	4.9102	10.016	9.7004	.24802
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4387	25.001	1.0123	2.4480	1.2425	5.0285	2.5083	24.473
Stddev	.0116	.080	.0037	.0113	.0060	.0411	.0026	.041
%RSD	.47573	.31920	.36561	.46308	.48655	.81743	.10507	.16935
#1	2.4520	24.921	1.0089	2.4610	1.2494	4.9931	2.5060	24.494
#2	2.4338	25.081	1.0118	2.4430	1.2394	5.0736	2.5077	24.425
#3	2.4304	25.003	1.0162	2.4401	1.2386	5.0189	2.5112	24.499
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4403	1.2566	24.207	2.4782	2.4317	24.458	4.9548	4.9759
Stddev	.0116	.0045	.191	.0051	.0121	.197	.0170	.0280
%RSD	.47405	.36073	.78782	.20516	.49681	.80395	.34289	.56288
#1	2.4536	1.2538	24.278	2.4791	2.4456	24.546	4.9744	4.9494
#2	2.4349	1.2541	24.352	2.4827	2.4261	24.595	4.9455	5.0052
#3	2.4324	1.2618	23.991	2.4727	2.4235	24.232	4.9445	4.9729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8227	4.9168	4.8888	4.9574	4.9393	4.869	5.0153	F 3.6447
Stddev	.0151	.0198	.0229	.0078	.0257	.007	.0333	.1006
%RSD	.31320	.40359	.46825	.15682	.52047	.1450	.66323	2.7602
#1	4.8064	4.9019	4.9151	4.9627	4.9543	4.877	5.0437	3.5712
#2	4.8254	4.9393	4.8740	4.9610	4.9541	4.868	5.0234	3.6035
#3	4.8363	4.9092	4.8772	4.9485	4.9097	4.863	4.9787	3.7593

Sample Name: CCV01 Acquired: 2/12/2019 13:12:11 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8862
Stddev	3.9128
%RSD	135.57

#1	-1.4945
#2	4.1186
#3	6.0344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.9	35632.	3780.1	14.749	3198.7
Stddev	14.2	61.	22.9	.721	16.4
%RSD	.49958	.17017	.60482	4.8862	.51306

#1	2831.4	35573.	3772.8	15.330	3179.8
#2	2856.5	35694.	3761.8	14.975	3206.8
#3	2855.6	35628.	3805.7	13.942	3209.5

Sample Name: LLCCV01 Acquired: 2/12/2019 13:16:10 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02119	.04359	.01229	.02158	.05430	.09350	.10145
Stddev	.00086	.00086	.00066	.00599	.00131	.00638	.00058
%RSD	4.0502	1.9827	5.3937	27.769	2.4144	6.8212	.57609

#1	.02041	.04330	.01179	.02850	.05317	.10045	.10080
#2	.02106	.04290	.01305	.01805	.05398	.09216	.10193
#3	.02211	.04456	.01204	.01819	.05574	.08790	.10163

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	.00558	2.0529	.01018	.03208	.02089	.10983
Stddev	.00008	.00009	.0195	.00038	.00032	.00021	.00389
%RSD	1.2715	1.5936	.94985	3.7045	.99576	1.0141	3.5427

#1	.00611	.00564	2.0339	.01032	.03204	.02076	.11409
#2	.00596	.00562	2.0518	.01046	.03179	.02114	.10646
#3	.00606	.00548	2.0729	.00975	.03242	.02078	.10895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02205	2.1231	.04131	.01029	2.0036	.04345	.04088
Stddev	.00024	.0582	.00021	.00028	.0103	.00023	.00013
%RSD	1.0724	2.7424	.51225	2.7536	.51289	.53141	.30908

#1	.02226	2.1894	.04155	.01040	2.0066	.04365	.04099
#2	.02179	2.0998	.04115	.00996	1.9922	.04320	.04075
#3	.02209	2.0801	.04124	.01050	2.0121	.04349	.04091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0053	.20627	.10998	F -.02299	.40643	.04062	.04030
Stddev	.0397	.00117	.00414	.02025	.00472	.00047	.00187
%RSD	1.9817	.56959	3.7640	88.049	1.1609	1.1660	4.6334

#1	2.0506	.20759	.10861	-.02924	.41006	.04094	.03896
#2	1.9763	.20589	.11463	-.03938	.40110	.04008	.04243
#3	1.9891	.20534	.10670	-.00036	.40813	.04085	.03950

Sample Name: LLCCV01 Acquired: 2/12/2019 13:16:10 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02194	.0175	.02029	F 2.5663	F 2.5604
Stddev	.00255	.0019	.00020	.1567	4.0994
%RSD	11.613	11.03	.97725	6.1073	160.11

#1	.01918	.0159	.02006	2.3860	6.5190
#2	.02246	.0196	.02037	2.6700	2.8288
#3	.02420	.0169	.02043	2.6429	-1.6666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.0	36767.	3781.3	15.431	3510.5
Stddev	3.2	8.	22.3	1.099	.8
%RSD	.11122	.02307	.58932	7.1232	.02298

#1	2912.1	36760.	3773.9	14.820	3510.9
#2	2912.2	36764.	3806.4	16.700	3511.0
#3	2917.8	36776.	3763.8	14.773	3509.6

Sample Name: CCB01 Acquired: 2/12/2019 13:20:38 Type: Unk
Method: P4-ICP2(v2843) 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	-.00151	-.00111	-.00012	-.00498	.00039	-.00580	-.00216
Stddev	.00257	.00127	.00072	.00417	.00100	.00667	.00217
%RSD	170.32	114.37	582.06	83.866	259.96	114.85	100.50

#1	-.00259	.00002	-.00090	-.00515	.00154	-.01170	-.00191
#2	.00142	-.00087	.00002	-.00072	-.00031	-.00715	-.00012
#3	-.00336	-.00248	.00052	-.00906	-.00007	.00143	-.00444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00002	-.01118	-.00009	.00010	.00009	-.00122
Stddev	.00004	.00010	.01909	.00025	.00015	.00014	.00146
%RSD	527.25	491.73	170.74	281.20	153.29	154.52	120.05

#1	-.00003	.00004	-.03226	.00011	-.00004	-.00006	.00019
#2	.00003	.00011	.00495	-.00001	.00008	.00011	-.00111
#3	-.00002	-.00009	-.00624	-.00037	.00025	.00023	-.00273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.02829	-.00026	-.00020	-.01380	.00035	-.00025
Stddev	.00002	.02626	.00045	.00040	.00674	.00027	.00007
%RSD	314.67	92.828	174.13	193.72	48.871	77.788	26.310

#1	-.00000	-.00181	.00001	-.00014	-.01166	.00012	-.00028
#2	.00001	.04651	-.00001	.00016	-.00839	.00065	-.00030
#3	-.00004	.04018	-.00079	-.00063	-.02136	.00028	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	-.00034	.00332	F -.06527	-.00151	.00023	-.00140
Stddev	.05720	.00020	.00294	.00378	.00110	.00021	.00131
%RSD	1566.4	58.244	88.450	5.7841	72.885	88.539	93.521

#1	-.03595	-.00048	.00089	-.06935	-.00270	.00016	-.00275
#2	-.02232	-.00043	.00248	-.06458	-.00052	.00046	-.00014
#3	.06924	-.00011	.00658	-.06190	-.00131	.00007	-.00130

Sample Name: CCB01 Acquired: 2/12/2019 13:20:38 Type: Unk
Method: P4-ICP2(v2843) 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	-.00055	.0000	.00003	F 2.2522	F 2.5064
Stddev	.00205	.0014	.00007	.1686	.8635
%RSD	373.77	4472.	257.31	7.4881	34.450
#1	.00076	-.0015	-.00004	2.4003	3.0686
#2	-.00291	.0012	.00002	2.2876	1.5122
#3	.00051	.0004	.00010	2.0686	2.9385
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.6	36732.	3747.8	14.417	3520.5
Stddev	7.6	133.	44.8	1.398	11.8
%RSD	.26225	.36208	1.1953	9.6996	.33501
#1	2897.0	36606.	3792.7	16.025	3506.9
#2	2911.6	36718.	3703.1	13.482	3527.3
#3	2908.3	36871.	3747.7	13.745	3527.4

Sample Name: LR CHECK 1 Acquired: 2/12/2019 13:25:48 Type: Unk
Method: P4-ICP2(v2843) 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	-.15546	-.12340	.05478	-.21975	-.09999	1878.6	-.00922	.02084
Stddev	.00903	.01101	.00696	.00664	.00385	14.8	.00239	.00015
%RSD	5.8055	8.9220	12.699	3.0204	3.8481	.78550	25.954	.70026

#1	-.15639	-.13129	.05131	-.21444	-.10395	1877.3	-.01122	.02087
#2	-.16399	-.12808	.06279	-.22719	-.09977	1864.5	-.00657	.02097
#3	-.14601	-.11082	.05024	-.21761	-.09626	1893.9	-.00986	.02068

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14380	1704.0	-.03172	.09016	.06179	815.90	.00727	1758.9
Stddev	.00070	9.1	.00075	.00073	.00164	1.65	.00012	5.3
%RSD	.48353	.53669	2.3745	.81187	2.6554	.20257	1.7144	.30087

#1	.14449	1693.5	-.03227	.08999	.06345	814.37	.00722	1754.3
#2	.14382	1710.3	-.03203	.08952	.06176	815.68	.00741	1757.9
#3	.14310	1708.2	-.03086	.09095	.06017	817.66	.00717	1764.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11284	-.22397	1830.1	.00387	.19209	990.85	-.00420	-.93592
Stddev	.00206	.00349	14.1	.00089	.00155	1.63	.00169	.02633
%RSD	1.8277	1.5584	.76805	22.979	.80496	.16450	40.324	2.8129

#1	.11337	-.22197	1844.9	.00317	.19347	990.16	-.00608	-.91982
#2	.11056	-.22193	1816.9	.00358	.19238	989.68	-.00372	-.92163
#3	.11458	-.22800	1828.5	.00487	.19042	992.71	-.00279	-.96630

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.03334	.10215	-.05588	.14808	.0575	-.88239	<.00000
Stddev	.07633	.00411	.00421	.00110	.00054	.0009	.00189	.21984
%RSD	5291.8	12.336	4.1234	1.9711	.36586	1.586	.21440	7.4969

#1	-.08201	-.03572	.10678	-.05585	.14757	.0570	-.88060	-3.0722
#2	.01860	-.02859	.10112	-.05699	.14802	.0585	-.88221	-3.0460
#3	.06774	-.03570	.09854	-.05479	.14865	.0569	-.88437	-2.6790

Sample Name: LR CHECK 1 Acquired: 2/12/2019 13:25:48 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	121.84
%RSD	.86980

#1	-13888.
#2	-14004.
#3	-14132.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.0	26173.	3353.9	13.056	1722.8
Stddev	.4	130.	7.2	.534	1.7
%RSD	.01843	.49831	.21565	4.0899	.09897

#1	2127.7	26246.	3353.3	13.327	1723.4
#2	2127.9	26250.	3361.3	13.400	1720.8
#3	2128.5	26022.	3346.9	12.441	1724.1

Sample Name: LR CHECK 2 Acquired: 2/12/2019 13:30:53 Type: Unk
Method: P4-ICP2(v2843) 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	-.00468	-.01346	237.14	.02236	-.05927	-.31043	97.216	-.00080
Stddev	.00056	.00377	.47	.00124	.00147	.01850	1.799	.00004
%RSD	11.860	28.011	.19662	5.5593	2.4746	5.9596	1.8506	5.1452

#1	-.00459	-.01080	236.86	.02378	-.05759	-.29112	95.580	-.00082
#2	-.00418	-.01181	236.88	.02150	-.05993	-.31216	99.143	-.00082
#3	-.00528	-.01778	237.68	.02179	-.06030	-.32800	96.925	-.00075

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01218	.25217	-.12861	-.01184	274.88	-.42877	43.351	.02771
Stddev	.00002	.02977	.00058	.00012	2.15	.01535	.028	.02474
%RSD	.15199	11.804	.44913	.98806	.78178	3.5798	.06542	89.280

#1	-.01220	.27686	-.12894	-.01185	273.59	-.41641	43.357	.04313
#2	-.01216	.26054	-.12794	-.01172	273.69	-.42395	43.321	-.00083
#3	-.01219	.21912	-.12894	-.01195	277.36	-.44595	43.377	.04084

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.691	.00663	.83839	-.07350	34.739	.73786	-.00518	.00106
Stddev	.110	.00031	.04771	.00051	.007	.08158	.00042	.01320
%RSD	.22172	4.6882	5.6913	.68740	.01983	11.057	8.1171	1242.8

#1	49.616	.00687	.88348	-.07398	34.739	.83097	-.00542	.01070
#2	49.638	.00673	.84325	-.07297	34.732	.70368	-.00469	-.01398
#3	49.817	.00628	.78842	-.07354	34.745	.67892	-.00542	.00646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10659	-.00333	.00334	-.00616	.00091	-.2667	.00211	3.2726
Stddev	.02101	.00235	.00023	.00164	.00026	.0071	.00006	.1176
%RSD	19.711	70.617	6.9636	26.696	29.015	2.679	3.0486	3.5929

#1	-.10783	-.00258	.00326	-.00609	.00075	-.2708	.00216	3.1368
#2	-.08498	-.00597	.00361	-.00783	.00077	-.2584	.00204	3.3429
#3	-.12695	-.00145	.00317	-.00455	.00122	-.2708	.00213	3.3381

Sample Name: LR CHECK 2 Acquired: 2/12/2019 13:30:53 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 109.90
 Stddev 1.56
 %RSD 1.4186

#1 111.62
 #2 109.51
 #3 108.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.1	36897.	3873.4	11.815	3255.1
Stddev	16.7	39.	24.3	.456	5.4
%RSD	.66060	.10506	.62832	3.8570	.16606

#1	2535.2	36909.	3859.5	11.568	3256.2
#2	2543.6	36854.	3859.2	11.536	3260.0
#3	2511.4	36928.	3901.5	12.341	3249.3

Sample Name: K1422-06DLX10 Acquired: 2/12/2019 13:35:11 Type: Unk
Method: P4-ICP2(v2843) 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	-.02372	-.01974	28.239	.00039	-.00319	3.7361	.86040
Stddev	.00267	.00137	.057	.00278	.00522	.0149	.00445
%RSD	11.258	6.9280	.20106	714.13	163.60	.39833	.51672

#1	-.02678	-.02131	28.180	-.00139	-.00879	3.7511	.86343
#2	-.02248	-.01903	28.245	-.00104	-.00231	3.7213	.86247
#3	-.02189	-.01887	28.293	.00360	.00153	3.7360	.85529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	.00150	2.9005	F 23.465	.24441	.13975	387.58
Stddev	.00010	.00040	.0291	.042	.00105	.00107	1.21
%RSD	2.9229	26.507	1.0049	.18005	.43144	.76274	.31132

#1	.00329	.00185	2.9289	23.505	.24468	.14097	386.67
#2	.00316	.00107	2.8707	23.468	.24325	.13926	388.95
#3	.00335	.00158	2.9018	23.421	.24530	.13902	387.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6784	6.2460	.19428	-.03222	.88108	.04581	30.606
Stddev	.0062	.0634	.00000	.00062	.01471	.00040	.070
%RSD	.23118	1.0155	.00032	1.9332	1.6691	.87935	.22994

#1	2.6853	6.2067	.19428	-.03282	.88629	.04628	30.575
#2	2.6736	6.2122	.19428	-.03157	.89247	.04559	30.556
#3	2.6762	6.3192	.19428	-.03227	.86448	.04557	30.686

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0866	.04659	.01043	4.6079	.55705	.02465	.48048
Stddev	.0410	.00059	.00215	.0356	.00192	.00078	.00289
%RSD	.45155	1.2628	20.633	.77202	.34511	3.1485	.60086

#1	9.0723	.04593	.00813	4.6311	.55669	.02424	.48046
#2	9.0546	.04678	.01077	4.5670	.55533	.02555	.47760
#3	9.1329	.04706	.01240	4.6257	.55913	.02417	.48337

Sample Name: K1422-06DLX10 Acquired: 2/12/2019 13:35:11 Type: Unk
Method: P4-ICP2(v2843) 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	.01531	.6942	-.38588	.73814	F<.00000
Stddev	.00118	.0022	.00126	.15160	31.085
%RSD	7.7286	.3121	.32746	20.538	.68996

#1	.01398	.6918	-.38491	.80161	-4469.4
#2	.01573	.6951	-.38731	.84768	-4524.1
#3	.01623	.6958	-.38542	.56512	-4522.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.3	35695.	3894.8	15.945	3151.8
Stddev	3.8	183.	10.9	1.488	6.6
%RSD	.13846	.51303	.27958	9.3325	.20982

#1	2748.3	35513.	3897.3	17.484	3146.4
#2	2741.9	35693.	3882.8	15.839	3159.2
#3	2748.7	35879.	3904.2	14.514	3149.9

Sample Name: K1423-01 Acquired: 2/12/2019 13:39:34 Type: Unk
Method: P4-ICP2(v2843) 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	.02341	-.05965	.89673	.00406	-.02595	209.68	1.6848
Stddev	.00472	.00217	.00193	.00162	.00117	1.74	.0546
%RSD	20.175	3.6373	.21504	39.771	4.5066	.83211	3.2409

#1	.02874	-.05889	.89891	.00347	-.02691	207.80	1.6217
#2	.02178	-.06209	.89523	.00589	-.02629	211.24	1.7151
#3	.01973	-.05795	.89606	.00282	-.02465	210.01	1.7175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01639	.00835	32.734	.32848	.26078	.30007	262.54
Stddev	.00015	.00084	1.070	.00073	.00053	.00321	6.15
%RSD	.92135	10.083	3.2679	.22228	.20411	1.0685	2.3438

#1	.01645	.00932	31.499	.32815	.26030	.30367	255.77
#2	.01621	.00784	33.371	.32798	.26068	.29752	264.08
#3	.01649	.00789	33.332	.32932	.26135	.29903	267.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.268	92.788	.55769	-.02409	6.2977	.40754	2.1894
Stddev	.035	2.814	.00114	.00041	.1694	.00277	.0033
%RSD	.34417	3.0329	.20419	1.7218	2.6903	.67866	.15213

#1	10.257	89.539	.55871	-.02438	6.1030	.40632	2.1856
#2	10.240	94.456	.55788	-.02361	6.3788	.40559	2.1908
#3	10.308	94.370	.55646	-.02427	6.4113	.41070	2.1918

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.860	.00353	.08701	2.7251	1.8912	.05383	2.6501
Stddev	.614	.00051	.01371	.0247	.0480	.00099	.0739
%RSD	2.4699	14.404	15.761	.90774	2.5372	1.8386	2.7895

#1	24.151	.00400	.08333	2.7125	1.8364	.05462	2.5648
#2	25.195	.00299	.07551	2.7092	1.9114	.05414	2.6916
#3	25.234	.00360	.10219	2.7536	1.9258	.05272	2.6940

Sample Name: K1423-01 Acquired: 2/12/2019 13:39:34 Type: Unk
Method: P4-ICP2(v2843) 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	.66866	F 12.01	-.11707	<.00000	F<.00000
Stddev	.01831	.03	.00275	.11986	12.218
%RSD	2.7378	.2174	2.3512	3.6928	.31607

#1	.64775	11.98	-.11483	-3.1092	-3876.8
#2	.67638	12.01	-.11624	-3.2942	-3867.7
#3	.68184	12.03	-.12014	-3.3337	-3852.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3401.6	42754.	4895.3	16.770	2975.2
Stddev	2.3	29.	116.4	1.916	7.7
%RSD	.06812	.06842	2.3769	11.424	.25853

#1	3399.3	42782.	5028.8	15.266	2984.1
#2	3401.4	42724.	4842.1	16.116	2970.3
#3	3403.9	42757.	4815.2	18.927	2971.3

Sample Name: K1424-01 Acquired: 2/12/2019 13:44:07 Type: Unk
Method: P4-ICP2(v2843) 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	.07655	-.03646	.63135	.01287	-.02208	185.90	1.6936
Stddev	.00242	.00090	.01444	.00074	.00176	1.68	.0095
%RSD	3.1608	2.4582	2.2876	5.7424	7.9839	.90603	.56110

#1	.07737	-.03742	.63839	.01214	-.02278	183.96	1.6830
#2	.07845	-.03631	.61473	.01286	-.02008	186.99	1.6962
#3	.07383	-.03564	.64091	.01361	-.02340	186.75	1.7014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01528	.00681	29.562	.27654	.18107	.34356	216.15
Stddev	.00018	.00064	.211	.00166	.00414	.00532	.26
%RSD	1.1758	9.3952	.71347	.60058	2.2843	1.5471	.12016

#1	.01530	.00711	29.351	.27616	.18400	.34746	215.96
#2	.01509	.00608	29.564	.27836	.17634	.33750	216.05
#3	.01544	.00725	29.772	.27510	.18287	.34571	216.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.379	47.150	.28015	-.01432	1.6642	.42452	1.5389
Stddev	.098	.369	.00526	.00019	.0151	.00194	.0261
%RSD	.94518	.78190	1.8784	1.3568	.90572	.45744	1.6944

#1	10.266	46.914	.28284	-.01412	1.6692	.42266	1.5534
#2	10.438	46.961	.27409	-.01450	1.6473	.42437	1.5088
#3	10.433	47.575	.28352	-.01435	1.6761	.42654	1.5544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.744	.00498	.05675	7.4097	1.4522	.03737	1.5963
Stddev	.042	.00032	.00638	.1520	.0138	.00221	.0113
%RSD	.32948	6.4951	11.241	2.0507	.95219	5.9070	.70848

#1	12.700	.00523	.06162	7.5078	1.4618	.03859	1.5847
#2	12.783	.00510	.05909	7.2346	1.4363	.03482	1.5967
#3	12.751	.00462	.04953	7.4866	1.4584	.03869	1.6073

Sample Name: K1424-01 Acquired: 2/12/2019 13:44:07 Type: Unk
 Method: P4-ICP2(v2843) 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	.34012	F 12.53	-.00317	<.00000	F<.00000
Stddev	.00178	.22	.00066	.25398	7.7353
%RSD	.52299	1.779	20.661	7.3236	.26562
#1	.33921	12.66	-.00392	-3.7362	-2914.3
#2	.33898	12.27	-.00287	-3.2311	-2903.6
#3	.34217	12.65	-.00272	-3.4367	-2918.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.6	44088.	4866.6	16.165	3112.3
Stddev	38.4	212.	6.0	1.111	39.4
%RSD	1.0996	.48015	.12355	6.8707	1.2661
#1	3461.2	44319.	4866.4	16.915	3088.9
#2	3536.0	43904.	4872.7	14.889	3157.8
#3	3483.5	44040.	4860.7	16.690	3090.2

Sample Name: K1422-01 Acquired: 2/12/2019 13:48:40 Type: Unk
Method: P4-ICP2(v2843) 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	.01467	-.05998	.15059	.00919	-.01752	103.00	1.0429
Stddev	.00452	.00180	.00212	.00424	.00175	.47	.0081
%RSD	30.846	3.0090	1.4086	46.081	9.9925	.45363	.77795

#1	.01750	-.06154	.15279	.01316	-.01680	103.20	1.0518
#2	.01706	-.05800	.14856	.00969	-.01624	102.46	1.0410
#3	.00945	-.06039	.15042	.00473	-.01952	103.33	1.0359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00581	-.00093	62.772	.15196	.09248	.25817	167.05
Stddev	.00020	.00017	.313	.00099	.00014	.00011	.91
%RSD	3.3842	18.215	.49800	.65374	.14601	.04081	.54627

#1	.00558	-.00111	63.133	.15084	.09243	.25821	168.10
#2	.00594	-.00078	62.587	.15276	.09238	.25805	166.64
#3	.00590	-.00089	62.596	.15227	.09264	.25825	166.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3977	42.799	.16816	-.01182	1.4487	.27093	.58860
Stddev	.0080	.210	.00050	.00051	.0050	.00154	.00120
%RSD	.18250	.49037	.29487	4.3137	.34523	.56887	.20369

#1	4.3924	43.018	.16768	-.01134	1.4517	.27042	.58828
#2	4.3938	42.600	.16867	-.01236	1.4429	.27266	.58761
#3	4.4070	42.780	.16813	-.01177	1.4514	.26971	.58993

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.416	.00200	.06442	1.3455	1.6145	.02010	3.3841
Stddev	.140	.00017	.00246	.0056	.0169	.00099	.0073
%RSD	.90880	8.4124	3.8254	.41774	1.0477	4.9196	.21507

#1	15.575	.00204	.06693	1.3414	1.6158	.02108	3.3839
#2	15.361	.00182	.06431	1.3519	1.6308	.01910	3.3770
#3	15.312	.00215	.06201	1.3432	1.5970	.02011	3.3915

Sample Name: K1422-01 Acquired: 2/12/2019 13:48:40 Type: Unk
 Method: P4-ICP2(v2843) 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	.14333	5.992	-.04425	<.00000	F<.00000
Stddev	.00276	.028	.00071	.37051	11.115
%RSD	1.9256	.4734	1.6057	33.197	.60729

#1	.14286	6.023	-.04490	-.79346	-1817.3
#2	.14629	5.966	-.04435	-1.5207	-1836.5
#3	.14083	5.988	-.04349	-1.0341	-1836.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.5	41355.	4501.2	15.861	3096.9
Stddev	4.8	161.	30.4	1.224	6.1
%RSD	.14744	.39036	.67512	7.7175	.19687

#1	3243.6	41210.	4467.7	16.758	3090.5
#2	3246.0	41529.	4509.0	14.467	3102.7
#3	3252.8	41327.	4527.0	16.359	3097.5

Sample Name: PB117003BS Acquired: 2/12/2019 13:52:50 Type: Unk
Method: P4-ICP2(v2843) 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	.73343	1.8769	.90035	1.8595	.76266	1.9270	.18805
Stddev	.00354	.0022	.00236	.0080	.00303	.0129	.00538
%RSD	.48323	.11802	.26159	.43136	.39776	.66951	2.8635

#1	.73752	1.8746	.90306	1.8659	.76493	1.9146	.18887
#2	.73149	1.8791	.89881	1.8505	.76383	1.9260	.18230
#3	.73128	1.8770	.89918	1.8620	.75922	1.9403	.19298

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18040	.17873	.99695	.40078	.18600	.30045	3.0451
Stddev	.00057	.00050	.02046	.00174	.00016	.00123	.0143
%RSD	.31446	.28251	2.0521	.43319	.08454	.40801	.46909

#1	.18102	.17893	.97431	.39919	.18617	.30126	3.0290
#2	.17990	.17910	1.0024	.40052	.18586	.30105	3.0563
#3	.18029	.17815	1.0141	.40263	.18597	.29904	3.0501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20095	1.9999	.46522	.06653	3.0464	.29860	.17341
Stddev	.00020	.0488	.00112	.00074	.0075	.00053	.00042
%RSD	.09792	2.4427	.23992	1.1151	.24639	.17913	.24018

#1	.20073	1.9483	.46396	.06568	3.0550	.29812	.17384
#2	.20110	2.0058	.46610	.06708	3.0415	.29918	.17336
#3	.20102	2.0455	.46561	.06682	3.0426	.29850	.17302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.027	.41133	.29662	F -.04580	.89351	.64550	.19998
Stddev	.034	.00072	.00548	.01529	.00949	.00095	.00297
%RSD	.33900	.17539	1.8463	33.392	1.0618	.14721	1.4867

#1	9.9877	.41053	.29534	-.03019	.88280	.64506	.19984
#2	10.046	.41193	.30262	-.04645	.89685	.64659	.19708
#3	10.047	.41153	.29189	-.06076	.90087	.64485	.20302

Sample Name: PB117003BS Acquired: 2/12/2019 13:52:50 Type: Unk
Method: P4-ICP2(v2843) 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	.20691	5.047	.19563	F 2.0588	F<.00000
Stddev	.00134	.013	.00041	.0567	1.4232
%RSD	.64849	.2475	.20862	2.7534	2.6954
#1	.20542	5.042	.19522	1.9986	-51.161
#2	.20802	5.061	.19565	2.1112	-53.733
#3	.20728	5.037	.19603	2.0666	-53.503
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2899.7	37423.	3850.7	15.288	3509.2
Stddev	17.4	79.	18.7	.610	20.9
%RSD	.60023	.20995	.48445	3.9875	.59582
#1	2883.9	37450.	3862.2	15.973	3492.2
#2	2896.8	37334.	3829.2	14.805	3502.9
#3	2918.3	37484.	3860.8	15.086	3532.5

Sample Name: PB117004BS Acquired: 2/12/2019 13:56:58 Type: Unk
Method: P4-ICP2(v2843) 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	.73852	1.8892	.90517	1.8612	.77216	1.9162	.19235
Stddev	.00445	.0060	.00213	.0051	.00089	.0263	.00424
%RSD	.60232	.31972	.23502	.27167	.11469	1.3733	2.2020

#1	.74339	1.8952	.90762	1.8653	.77314	1.8921	.18871
#2	.73751	1.8891	.90374	1.8556	.77192	1.9123	.19700
#3	.73467	1.8832	.90416	1.8629	.77143	1.9443	.19134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18115	.17975	.99777	.40402	.18674	.30084	3.0757
Stddev	.00014	.00009	.02623	.00212	.00044	.00086	.0354
%RSD	.07978	.04887	2.6290	.52591	.23313	.28676	1.1514

#1	.18118	.17985	.97114	.40219	.18626	.30094	3.1035
#2	.18099	.17974	1.0236	.40635	.18711	.30164	3.0878
#3	.18128	.17967	.99859	.40352	.18685	.29993	3.0358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20254	1.9845	.46958	.06675	3.0587	.30092	.17507
Stddev	.00039	.0263	.00068	.00053	.0161	.00027	.00017
%RSD	.19318	1.3237	.14525	.79294	.52712	.08918	.09510

#1	.20218	1.9750	.47031	.06628	3.0593	.30062	.17525
#2	.20296	2.0142	.46946	.06732	3.0746	.30099	.17491
#3	.20248	1.9643	.46896	.06663	3.0423	.30114	.17505

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.095	.41596	.31427	F -.03861	.91306	.65439	.20184
Stddev	.029	.00069	.00541	.00808	.01952	.00166	.00333
%RSD	.28827	.16492	1.7211	20.938	2.1379	.25411	1.6500

#1	10.071	.41654	.31001	-.04489	.92689	.65615	.19833
#2	10.127	.41520	.32036	-.04146	.92155	.65284	.20496
#3	10.086	.41613	.31245	-.02949	.89073	.65419	.20222

Sample Name: PB117004BS Acquired: 2/12/2019 13:56:58 Type: Unk
Method: P4-ICP2(v2843) 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	.21094	5.051	.19659	F 2.0352	F<.00000
Stddev	.00171	.010	.00084	.1384	.86536
%RSD	.81266	.1985	.42639	6.8018	1.7404
#1	.21179	5.051	.19562	1.9217	-50.383
#2	.21206	5.041	.19712	1.9946	-50.040
#3	.20897	5.061	.19702	2.1894	-48.742
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.0	37123.	3793.2	14.763	3470.4
Stddev	17.3	62.	38.9	.458	23.2
%RSD	.60373	.16795	1.0248	3.1028	.66966
#1	2857.5	37122.	3770.9	14.550	3454.0
#2	2867.2	37061.	3770.7	15.289	3460.3
#3	2891.2	37186.	3838.1	14.450	3497.0

Sample Name: PB116984BS Acquired: 2/12/2019 14:01:04 Type: Unk
Method: P4-ICP2(v2843) 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	.71803	1.8392	.87889	1.8159	.76079	1.8539	.18732
Stddev	.00292	.0098	.00137	.0132	.00648	.0021	.00662
%RSD	.40626	.53493	.15536	.72803	.85232	.11081	3.5348

#1	.72101	1.8494	.88028	1.8310	.76820	1.8552	.19494
#2	.71518	1.8297	.87755	1.8065	.75797	1.8515	.18290
#3	.71790	1.8386	.87882	1.8101	.75619	1.8549	.18413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17725	.17474	1.0113	.39593	.18168	.29342	3.0418
Stddev	.00019	.00076	.0317	.00207	.00072	.00133	.0765
%RSD	.10490	.43509	3.1373	.52388	.39802	.45223	2.5152

#1	.17710	.17556	1.0470	.39832	.18250	.29494	3.1302
#2	.17719	.17407	1.0008	.39476	.18140	.29285	2.9973
#3	.17746	.17458	.98620	.39470	.18114	.29248	2.9981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19762	2.0250	.45725	.06553	3.0130	.29452	.17093
Stddev	.00014	.0551	.00204	.00034	.0812	.00065	.00028
%RSD	.07177	2.7204	.44564	.52612	2.6964	.21916	.16511

#1	.19746	2.0784	.45826	.06551	3.1068	.29512	.17118
#2	.19766	1.9684	.45491	.06589	2.9643	.29384	.17063
#3	.19774	2.0281	.45859	.06520	2.9679	.29462	.17100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9500	.40997	.30473	F -.04111	.89542	.64503	.20410
Stddev	.1859	.00133	.00534	.01392	.02382	.00266	.00651
%RSD	1.8682	.32453	1.7535	33.871	2.6604	.41192	3.1914

#1	10.164	.41089	.30598	-.02583	.92268	.64645	.21160
#2	9.8279	.40844	.29887	-.04439	.87862	.64197	.19992
#3	9.8582	.41057	.30933	-.05309	.88496	.64668	.20077

Sample Name: PB116984BS Acquired: 2/12/2019 14:01:04 Type: Unk
 Method: P4-ICP2(v2843) 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	.20552	4.935	.19382	F 1.8435	F<.00000
Stddev	.00350	.020	.00408	.1961	3.7947
%RSD	1.7030	.4112	2.1054	10.639	7.9305
#1	.20948	4.951	.19852	2.0675	-49.785
#2	.20424	4.912	.19170	1.7600	-50.285
#3	.20285	4.942	.19123	1.7029	-43.477
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.4	37831.	3813.6	15.425	3549.0
Stddev	6.7	71.	94.9	.931	4.4
%RSD	.22874	.18816	2.4888	6.0327	.12361
#1	2926.2	37766.	3704.0	14.970	3544.2
#2	2934.5	37820.	3870.0	16.495	3552.8
#3	2939.5	37907.	3866.7	14.809	3550.0

Sample Name: PB116985BS Acquired: 2/12/2019 14:05:11 Type: Unk
Method: P4-ICP2(v2843) 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	.74198	1.8991	.91181	1.8724	.78505	1.9508	.19471
Stddev	.00453	.0095	.00389	.0075	.00476	.0256	.00059
%RSD	.60995	.50252	.42632	.39833	.60694	1.3142	.30506

#1	.74568	1.8981	.91436	1.8796	.79055	1.9255	.19494
#2	.74331	1.9092	.90733	1.8727	.78241	1.9768	.19515
#3	.73693	1.8902	.91373	1.8647	.78220	1.9501	.19404

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18237	.18104	1.0207	.40972	.18872	.30379	3.0900
Stddev	.00055	.00011	.0085	.00116	.00008	.00131	.0197
%RSD	.30100	.06303	.83712	.28262	.04041	.43092	.63692

#1	.18188	.18114	1.0196	.40843	.18874	.30526	3.1124
#2	.18297	.18107	1.0297	.41066	.18863	.30275	3.0823
#3	.18226	.18092	1.0127	.41006	.18878	.30336	3.0753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20404	2.0000	.47265	.06842	3.0404	.30329	.17714
Stddev	.00049	.0508	.00091	.00016	.0091	.00092	.00044
%RSD	.23971	2.5385	.19357	.22928	.30022	.30464	.24817

#1	.20350	1.9603	.47271	.06824	3.0384	.30225	.17759
#2	.20446	2.0572	.47353	.06852	3.0325	.30402	.17710
#3	.20415	1.9825	.47170	.06852	3.0504	.30360	.17671

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.031	.42571	.30667	F -.03866	.91182	.66775	.20426
Stddev	.044	.00227	.00244	.03439	.01657	.00178	.00212
%RSD	.44013	.53232	.79420	88.956	1.8171	.26603	1.0364

#1	10.080	.42826	.30420	-.01838	.92988	.66602	.20463
#2	9.9940	.42393	.30907	-.01923	.90825	.66768	.20617
#3	10.019	.42494	.30676	-.07837	.89733	.66957	.20198

Sample Name: PB116985BS Acquired: 2/12/2019 14:05:11 Type: Unk
 Method: P4-ICP2(v2843) 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	.20858	5.095	.19779	F 2.6104	F<.00000
Stddev	.00011	.012	.00045	.0817	1.8533
%RSD	.05456	.2343	.22985	3.1305	3.8861
#1	.20871	5.108	.19810	2.5191	-46.203
#2	.20851	5.093	.19727	2.6767	-47.102
#3	.20853	5.084	.19800	2.6353	-49.767
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.7	36767.	3801.0	14.573	3444.2
Stddev	19.5	20.	38.4	1.008	13.5
%RSD	.68444	.05421	1.0095	6.9148	.39256
#1	2829.9	36744.	3756.9	13.523	3429.2
#2	2868.6	36781.	3819.6	14.666	3455.4
#3	2853.5	36774.	3826.7	15.532	3448.0

Sample Name: CCV02 Acquired: 2/12/2019 14:09:18 Type: Unk
Method: P4-ICP2(v2843) 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	5.1848	5.2376	5.1571	5.2403	5.2178	10.369	10.399	.25811
Stddev	.0122	.0109	.0036	.0041	.0179	.034	.089	.00027
%RSD	.23603	.20762	.06898	.07824	.34207	.32565	.85415	.10285
#1	5.1951	5.2475	5.1608	5.2366	5.2349	10.339	10.497	.25838
#2	5.1712	5.2395	5.1537	5.2447	5.2192	10.361	10.373	.25785
#3	5.1880	5.2259	5.1569	5.2394	5.1993	10.406	10.325	.25810
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5856	26.865	1.0535	2.5780	1.3149	5.2714	2.6088	26.305
Stddev	.0044	.018	.0039	.0032	.0046	.0450	.0021	.104
%RSD	.16968	.06883	.36747	.12428	.34784	.85334	.07978	.39649
#1	2.5906	26.884	1.0562	2.5813	1.3188	5.3220	2.6098	26.368
#2	2.5834	26.864	1.0552	2.5778	1.3161	5.2561	2.6064	26.184
#3	2.5827	26.848	1.0491	2.5749	1.3099	5.2360	2.6103	26.362
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5962	1.3040	26.306	2.6183	2.5720	25.992	5.2364	5.2730
Stddev	.0039	.0076	.215	.0041	.0078	.195	.0186	.0071
%RSD	.15067	.58449	.81608	.15729	.30439	.75099	.35542	.13480
#1	2.6007	1.3053	26.550	2.6149	2.5798	26.215	5.2517	5.2721
#2	2.5936	1.3109	26.222	2.6229	2.5722	25.853	5.2417	5.2663
#3	2.5943	1.2958	26.146	2.6171	2.5641	25.906	5.2157	5.2804
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1665	5.1785	5.2006	5.2369	5.2831	5.195	5.2292	F 2.8402
Stddev	.0179	.0129	.0057	.0173	.0367	.017	.0300	.2002
%RSD	.34696	.24954	.10959	.33112	.69562	.3317	.57276	7.0485
#1	5.1466	5.1922	5.1942	5.2444	5.3239	5.177	5.2612	3.0152
#2	5.1813	5.1768	5.2026	5.2171	5.2730	5.198	5.2244	2.8835
#3	5.1716	5.1666	5.2051	5.2493	5.2525	5.211	5.2019	2.6219

Sample Name: CCV02 Acquired: 2/12/2019 14:09:18 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2761
Stddev	3.1831
%RSD	60.330

#1	1.9572
#2	8.3033
#3	5.5677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.4	36264.	3811.9	14.002	3194.6
Stddev	8.2	156.	33.1	1.506	6.0
%RSD	.28776	.42923	.86956	10.756	.18925

#1	2856.4	36110.	3774.7	15.098	3190.2
#2	2858.8	36262.	3822.9	12.284	3192.2
#3	2871.8	36421.	3838.2	14.622	3201.5

Sample Name: CCB02 Acquired: 2/12/2019 14:13:17 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00148	-.00046	-.00127	.00059	-.00607	-.00070	.00002
Stddev	.00167	.00102	.00079	.00210	.00174	.00437	.00202	.00005
%RSD	76.543	68.675	170.29	166.01	294.82	72.058	291.02	203.05

#1	.00137	.00233	.00001	-.00062	-.00142	-.01096	-.00244	.00001
#2	.00409	.00035	-.00137	-.00361	.00161	-.00474	.00153	.00008
#3	.00107	.00178	-.00003	.00044	.00158	-.00251	-.00118	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00262	.00030	.00017	-.00010	-.00098	.00005	.10223
Stddev	.00005	.00876	.00031	.00007	.00015	.00167	.00002	.05726
%RSD	12098.	334.75	100.87	41.266	150.79	170.65	29.920	56.009

#1	.00006	-.01272	.00018	.00010	.00004	.00027	.00007	.16326
#2	-.00004	.00281	.00008	.00017	-.00008	-.00288	.00005	.04970
#3	-.00002	.00206	.00065	.00024	-.00026	-.00033	.00004	.09372

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00027	.01919	-.00028	-.00017	.01393	-.00027	.00530
Stddev	.00036	.00039	.00265	.00029	.00002	.02898	.00004	.00424
%RSD	902.59	142.35	13.789	103.97	14.070	208.10	16.265	80.044

#1	.00020	.00016	.01735	.00003	-.00014	-.00541	-.00022	.00972
#2	-.00045	-.00059	.02223	-.00031	-.00017	.04724	-.00029	.00127
#3	.00012	-.00038	.01800	-.00054	-.00019	-.00006	-.00030	.00491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03473	-.00081	-.00041	-.00104	-.00199	-.0011	.00026	2.0779
Stddev	.00744	.00159	.00031	.00107	.00028	.0003	.00005	.3913
%RSD	21.431	195.34	76.344	102.83	14.320	24.64	19.573	18.831

#1	-.04240	-.00078	-.00045	.00002	-.00211	-.0014	.00032	2.4491
#2	-.03428	-.00242	-.00008	-.00102	-.00166	-.0009	.00023	2.1154
#3	-.02753	.00076	-.00070	-.00213	-.00219	-.0010	.00023	1.6692

Sample Name: CCB02 Acquired: 2/12/2019 14:13:17 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5549
 Stddev 2.1452
 %RSD 137.96

#1 .86437
 #2 3.9603
 #3 -.15997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.9	37364.	3800.2	14.687	3558.2
Stddev	9.1	398.	27.8	.692	7.0
%RSD	.30744	1.0661	.73034	4.7143	.19659

#1	2945.1	37045.	3792.7	14.089	3550.2
#2	2956.4	37236.	3831.0	15.445	3561.3
#3	2963.1	37810.	3777.0	14.527	3563.1

Sample Name: K1423-03 Acquired: 2/12/2019 14:17:45 Type: Unk
Method: P4-ICP2(v2843) 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	-.00053	-.00210	.00210	.00176	.00210	.08481	.09524	.00008
Stddev	.00127	.00171	.00033	.00196	.00161	.00712	.00106	.00002
%RSD	237.45	81.520	15.545	111.35	76.520	8.3944	1.1123	22.949

#1	-.00026	-.00246	.00202	-.00034	.00327	.08554	.09644	.00010
#2	.00057	-.00024	.00246	.00208	.00027	.07735	.09445	.00006
#3	-.00192	-.00361	.00182	.00355	.00276	.09153	.09483	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	7.1665	.00091	.00018	.00384	.03905	.18001	2.0470
Stddev	.00003	.0377	.00026	.00013	.00030	.00177	.00033	.0200
%RSD	214.58	.52612	28.173	70.051	7.7157	4.5416	.18241	.97508

#1	-.00002	7.1313	.00112	.00026	.00416	.03908	.17979	2.0242
#2	.00003	7.1619	.00099	.00024	.00378	.03726	.18039	2.0610
#3	.00004	7.2063	.00062	.00003	.00358	.04081	.17986	2.0559

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	-.00041	280.77	-.00034	.02280	1.0777	-.00017	.01530
Stddev	.00041	.00020	.17	.00032	.00014	.0083	.00025	.00244
%RSD	13.706	49.810	.05963	94.530	.62213	.76778	146.30	15.974

#1	.00343	-.00064	280.60	-.00004	.02288	1.0728	-.00021	.01462
#2	.00271	-.00027	280.93	-.00067	.02287	1.0872	-.00041	.01801
#3	.00273	-.00031	280.80	-.00031	.02263	1.0730	.00010	.01326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02371	.48811	.00204	.00126	.00212	.0242	.02457	2.9252
Stddev	.01031	.00650	.00115	.00075	.00345	.0024	.00011	.2870
%RSD	43.494	1.3326	56.311	59.460	162.97	10.08	.46317	9.8121

#1	.03536	.48662	.00126	.00159	-.00169	.0221	.02449	3.2565
#2	.02001	.49523	.00150	.00040	.00299	.0237	.02451	2.7519
#3	.01576	.48248	.00336	.00179	.00504	.0269	.02470	2.7672

Sample Name: K1423-03 Acquired: 2/12/2019 14:17:45 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 20.084
 Stddev .395
 %RSD 1.9658

#1 20.321
 #2 20.304
 #3 19.629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.9	35462.	3901.6	15.281	3184.6
Stddev	22.2	105.	9.6	.887	22.0
%RSD	.79064	.29560	.24640	5.8047	.69012

#1	2781.3	35341.	3891.6	14.839	3162.9
#2	2811.9	35518.	3902.4	16.302	3184.0
#3	2824.4	35528.	3910.7	14.702	3206.9

Sample Name: K1424-03 Acquired: 2/12/2019 14:22:20 Type: Unk
Method: P4-ICP2(v2843) 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	-.00230	-.00229	.00420	.00189	.00064	.30427	.17768	.00003
Stddev	.00139	.00067	.00056	.00214	.00116	.01190	.00289	.00006
%RSD	60.654	29.117	13.222	113.17	180.43	3.9124	1.6257	243.85

#1	-.00309	-.00194	.00377	.00211	.00058	.31711	.17448	-.00004
#2	-.00311	-.00306	.00483	.00392	.00183	.29360	.17846	.00004
#3	-.00069	-.00188	.00401	-.00035	-.00049	.30212	.18010	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	10.194	.00009	.00536	.00644	.20993	1.4336	2.4156
Stddev	.00008	.011	.00026	.00009	.00078	.00233	.0029	.0544
%RSD	16.297	.11119	300.23	1.6915	12.072	1.1113	.20331	2.2520

#1	.00051	10.192	-.00017	.00532	.00693	.21248	1.4342	2.4335
#2	.00059	10.206	.00009	.00546	.00685	.20943	1.4305	2.4588
#3	.00042	10.184	.00034	.00529	.00554	.20790	1.4362	2.3545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	-.00025	275.05	-.00172	.08263	1.7445	-.00044	.02580
Stddev	.00027	.00008	.87	.00074	.00037	.0409	.00031	.00278
%RSD	7.9999	32.653	.31618	43.093	.44585	2.3463	70.990	10.771

#1	.00363	-.00019	275.12	-.00254	.08305	1.7872	-.00046	.02888
#2	.00342	-.00034	274.15	-.00155	.08244	1.7056	-.00075	.02349
#3	.00309	-.00022	275.89	-.00108	.08240	1.7408	-.00012	.02504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24894	.45613	.00179	.00364	.00329	.0964	.07023	2.6719
Stddev	.00774	.00229	.00062	.00146	.00308	.0022	.00010	.0539
%RSD	3.1089	.50225	34.857	40.036	93.558	2.230	.14276	2.0167

#1	.25655	.45557	.00189	.00220	.00007	.0979	.07034	2.6675
#2	.24108	.45865	.00236	.00511	.00360	.0975	.07021	2.6203
#3	.24918	.45417	.00112	.00361	.00621	.0940	.07014	2.7278

Sample Name: K1424-03 Acquired: 2/12/2019 14:22:20 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.406
 Stddev 1.593
 %RSD 9.7069

#1 14.596
 #2 17.595
 #3 17.026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.5	35947.	3928.6	15.232	3211.3
Stddev	10.1	188.	33.7	.602	9.6
%RSD	.35659	.52301	.85718	3.9530	.29994

#1	2815.2	35740.	3956.2	15.080	3201.8
#2	2818.4	36108.	3891.1	15.895	3210.8
#3	2834.0	35992.	3938.7	14.720	3221.1

Sample Name: PB117003BL Acquired: 2/12/2019 14:26:54 Type: Unk
Method: P4-ICP2(v2843) 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	-.00105	-.00058	-.00027	-.00024	.00082	.00465	-.00730
Stddev	.00426	.00098	.00044	.00201	.00102	.01362	.00549
%RSD	405.09	170.30	164.31	852.95	124.38	292.86	75.237

#1	-.00056	-.00113	-.00011	-.00045	.00175	.00788	-.00923
#2	.00294	-.00116	.00007	.00188	.00097	-.01030	-.01155
#3	-.00554	.00056	-.00076	-.00213	-.00027	.01637	-.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	.00007	.00007	-.00020	-.00016	-.00205
Stddev	.00004	.00009	.01688	.00008	.00020	.00031	.00051
%RSD	329.40	268.69	25554.	102.72	102.02	197.82	24.757

#1	-.00002	-.00002	.00297	.00003	-.00041	.00018	-.00205
#2	.00006	-.00013	.01531	.00016	-.00001	-.00043	-.00155
#3	-.00000	.00005	-.01808	.00003	-.00017	-.00023	-.00256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00104	.00047	-.00026	.06454	-.00032	-.00038
Stddev	.00004	.06141	.00035	.00047	.00534	.00036	.00002
%RSD	12251.	5896.0	74.374	177.04	8.2657	111.21	4.6482

#1	.00004	-.04658	.00085	-.00065	.05844	-.00073	-.00040
#2	-.00000	.07035	.00039	.00025	.06829	-.00009	-.00036
#3	-.00004	-.02065	.00017	-.00039	.06691	-.00014	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03170	-.00034	.01209	F -.04262	-.00427	-.00024	-.00197
Stddev	.02709	.00025	.00367	.00379	.00076	.00111	.00135
%RSD	85.450	74.528	30.394	8.8876	17.784	461.63	68.718

#1	.01726	-.00006	.00796	-.03907	-.00406	-.00150	-.00239
#2	.01489	-.00040	.01331	-.04217	-.00511	.00019	-.00046
#3	.06294	-.00056	.01499	-.04660	-.00364	.00059	-.00306

Sample Name: PB117003BL Acquired: 2/12/2019 14:26:54 Type: Unk
Method: P4-ICP2(v2843) 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	-.00065	.0004	.00002	F 1.1446	F 5.1237
Stddev	.00091	.0014	.00003	.1787	2.1782
%RSD	141.37	332.6	169.77	15.608	42.513
#1	-.00012	-.0007	.00003	1.2640	7.3383
#2	-.00012	-.0000	-.00002	1.2306	2.9837
#3	-.00170	.0020	.00003	.93921	5.0490
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.9	38497.	3915.7	15.815	3641.3
Stddev	4.4	42.	46.3	.760	6.3
%RSD	.14555	.10936	1.1816	4.8025	.17256
#1	3032.9	38524.	3863.9	14.964	3644.8
#2	3026.6	38449.	3930.4	16.423	3645.1
#3	3024.4	38519.	3952.9	16.059	3634.1

Sample Name: PB117004BL Acquired: 2/12/2019 14:31:22 Type: Unk
Method: P4-ICP2(v2843) 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	-.00091	-.00094	-.00049	-.00318	-.00015	-.00572	-.00597
Stddev	.00128	.00072	.00092	.00198	.00163	.01400	.00546
%RSD	140.81	76.810	188.19	62.318	1109.1	244.48	91.439

#1	-.00204	-.00103	.00057	-.00271	-.00116	-.00820	-.00828
#2	-.00115	-.00161	-.00096	-.00534	-.00101	-.01832	.00026
#3	.00047	-.00018	-.00109	-.00147	.00173	.00934	-.00990

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	-.00802	.00015	.00010	-.00007	-.00335
Stddev	.00006	.00011	.00294	.00017	.00008	.00038	.00086
%RSD	209.90	551.37	36.736	120.30	79.371	502.64	25.623

#1	.00008	-.00005	-.00529	-.00006	.00004	-.00020	-.00267
#2	-.00004	.00010	-.00762	.00024	.00019	.00035	-.00431
#3	.00004	-.00011	-.01114	.00025	.00007	-.00037	-.00306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.06670	.00044	-.00052	.03626	-.00037	-.00043
Stddev	.00003	.03216	.00014	.00080	.00567	.00012	.00008
%RSD	605.26	48.219	30.725	154.37	15.634	33.296	18.468

#1	.00002	.07447	.00034	-.00144	.03485	-.00025	-.00035
#2	-.00004	.03136	.00060	-.00001	.04250	-.00035	-.00051
#3	.00001	.09426	.00039	-.00010	.03143	-.00050	-.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06148	-.00044	.00730	F -.04891	-.00549	-.00057	-.00153
Stddev	.02887	.00038	.00591	.01016	.00249	.00079	.00113
%RSD	46.950	87.351	80.968	20.782	45.466	137.74	73.823

#1	.03530	.00000	.00984	-.04008	-.00316	-.00087	-.00142
#2	.09244	-.00064	.00055	-.04664	-.00518	.00032	-.00046
#3	.05672	-.00069	.01153	-.06002	-.00812	-.00117	-.00270

Sample Name: PB117004BL Acquired: 2/12/2019 14:31:22 Type: Unk
Method: P4-ICP2(v2843) 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	-.00343	.0008	.00001	F 1.2463	F 2.5369
Stddev	.00061	.0009	.00008	.0909	3.5151
%RSD	17.730	122.4	835.22	7.2913	138.56
#1	-.00289	-.0000	-.00007	1.3109	2.9701
#2	-.00330	.0005	.00000	1.1424	5.8154
#3	-.00409	.0018	.00009	1.2857	-1.1747
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.5	38463.	3936.1	16.611	3636.5
Stddev	15.1	46.	22.0	1.087	16.4
%RSD	.50111	.11946	.55930	6.5447	.45092
#1	3029.9	38424.	3931.5	17.109	3655.1
#2	3003.4	38451.	3960.0	15.364	3624.4
#3	3004.1	38514.	3916.7	17.359	3629.8

Sample Name: PB117004TB Acquired: 2/12/2019 14:35:48 Type: Unk
Method: P4-ICP2(v2843) 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	-.00557	-.00306	.00071	-.00131	.00147	-.00593	-.02066
Stddev	.00162	.00202	.00094	.00280	.00148	.00095	.00135
%RSD	29.107	65.980	132.03	213.62	100.37	16.090	6.5321

#1	-.00402	-.00530	.00017	.00111	.00218	-.00690	-.02116
#2	-.00544	-.00139	.00017	-.00066	-.00023	-.00499	-.01913
#3	-.00725	-.00249	.00180	-.00438	.00246	-.00592	-.02169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00018	-.00293	.00101	-.00017	-.00020	.00553
Stddev	.00004	.00005	.00091	.00040	.00019	.00030	.00196
%RSD	38.435	30.144	31.103	39.846	114.43	153.92	35.489

#1	-.00014	-.00012	-.00273	.00057	-.00006	.00008	.00722
#2	-.00006	-.00023	-.00393	.00135	-.00039	-.00015	.00338
#3	-.00011	-.00018	-.00213	.00110	-.00006	-.00052	.00599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.04436	.00372	.00244	F 341.15	-.00015	.00139
Stddev	.00004	.02958	.00040	.00010	6.79	.00045	.00008
%RSD	11.092	66.684	10.727	4.2146	1.9894	295.38	5.4403

#1	.00037	.07795	.00414	.00233	347.47	-.00045	.00140
#2	.00029	.02216	.00335	.00252	333.98	.00037	.00131
#3	.00033	.03298	.00366	.00247	342.00	-.00038	.00146

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20266	-.00011	.00294	F -.03696	.00706	.00109	-.00082
Stddev	.05098	.00026	.01081	.03322	.00126	.00069	.00116
%RSD	25.158	240.93	367.34	89.874	17.892	62.894	141.22

#1	.14463	.00019	.01239	.00123	.00702	.00157	-.00153
#2	.24027	-.00029	-.00884	-.05916	.00834	.00139	-.00144
#3	.22307	-.00023	.00527	-.05296	.00581	.00030	.00052

Sample Name: PB117004TB Acquired: 2/12/2019 14:35:48 Type: Unk
 Method: P4-ICP2(v2843) 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	-0.00150	-0.0012	.00001	3.1963	16.550
Stddev	.00195	.0012	.00011	.0450	2.424
%RSD	130.41	96.61	1354.5	1.4076	14.647
#1	-0.00148	.0000	.00013	3.2316	19.078
#2	.00045	-0.0023	-0.00009	3.1456	14.245
#3	-0.00346	-0.0013	-0.00001	3.2116	16.329
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.4	35043.	3912.7	15.606	3140.3
Stddev	7.4	122.	44.1	1.966	2.2
%RSD	.26569	.34722	1.1275	12.599	.07030
#1	2768.3	34912.	3868.1	16.068	3139.1
#2	2780.9	35065.	3956.4	13.450	3142.8
#3	2768.1	35153.	3913.5	17.300	3139.0

Sample Name: PB116984BL Acquired: 2/12/2019 14:40:22 Type: Unk
Method: P4-ICP2(v2843) 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	.00081	.00086	.00054	-.00090	.00126	-.00225	-.00717
Stddev	.00190	.00128	.00051	.00275	.00069	.00437	.00392
%RSD	234.02	149.48	94.994	305.33	54.205	194.27	54.673

#1	-.00101	.00125	-.00004	.00191	.00096	-.00236	-.00743
#2	.00278	.00190	.00094	-.00103	.00078	.00218	-.01095
#3	.00066	-.00057	.00071	-.00358	.00205	-.00657	-.00313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00000	-.01160	.00007	.00012	-.00017	.00096
Stddev	.00007	.00003	.00513	.00027	.00015	.00028	.00161
%RSD	161.22	1707.6	44.249	362.23	118.36	167.39	167.63

#1	.00002	.00003	-.00792	-.00022	.00024	-.00024	.00018
#2	.00012	-.00003	-.01747	.00031	-.00004	-.00041	.00281
#3	-.00001	.00000	-.00942	.00013	.00017	.00014	-.00011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.07563	.00045	.00016	.07359	.00009	-.00012
Stddev	.00004	.04557	.00033	.00020	.00321	.00025	.00008
%RSD	141.95	60.252	73.651	123.68	4.3671	279.14	64.121

#1	.00000	.03103	.00030	.00035	.07653	.00020	-.00006
#2	.00001	.12210	.00083	.00020	.07409	-.00019	-.00021
#3	.00008	.07375	.00022	-.00005	.07016	.00026	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05237	-.00006	.00062	F -.02821	-.00714	-.00098	-.00133
Stddev	.03108	.00036	.00086	.02548	.00110	.00051	.00106
%RSD	59.343	577.46	138.79	90.348	15.462	52.699	79.216

#1	.08630	.00027	.00149	-.04475	-.00677	-.00041	-.00023
#2	.02528	-.00045	-.00023	-.04101	-.00838	-.00142	-.00143
#3	.04554	-.00000	.00060	.00114	-.00627	-.00109	-.00234

Sample Name: PB116984BL Acquired: 2/12/2019 14:40:22 Type: Unk
Method: P4-ICP2(v2843) 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	.00091	.0005	-.00001	F 1.8341	F .72355
Stddev	.00028	.0011	.00005	.0653	1.3330
%RSD	30.318	205.3	391.28	3.5625	184.23
#1	.00082	.0011	-.00007	1.7594	-.60808
#2	.00070	.0013	.00000	1.8807	.72079
#3	.00122	-.0007	.00003	1.8620	2.0579
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.4	37845.	3887.4	15.778	3586.0
Stddev	2.0	76.	35.4	.747	3.8
%RSD	.06829	.20116	.91062	4.7375	.10541
#1	2978.4	37830.	3863.9	15.255	3589.3
#2	2976.4	37928.	3870.2	15.445	3581.9
#3	2980.5	37778.	3928.1	16.634	3586.8

Sample Name: PB116984TB Acquired: 2/12/2019 14:44:48 Type: Unk
Method: P4-ICP2(v2843) 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	-.00419	-.00219	.00115	.00008	.00175	.01746	-.02013
Stddev	.00048	.00101	.00059	.00364	.00036	.00242	.00155
%RSD	11.467	45.993	51.342	4287.7	20.409	13.879	7.6882

#1	-.00382	-.00179	.00147	-.00364	.00136	.01802	-.01875
#2	-.00474	-.00334	.00151	.00364	.00207	.01956	-.01985
#3	-.00402	-.00145	.00047	.00025	.00183	.01481	-.02180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00012	.00940	.00386	-.00022	-.00038	.01445
Stddev	.00006	.00009	.00859	.00024	.00011	.00026	.00043
%RSD	63.440	77.475	91.422	6.2950	48.116	69.355	2.9856

#1	-.00013	-.00021	.01857	.00408	-.00011	-.00031	.01494
#2	-.00012	-.00013	.00153	.00392	-.00033	-.00016	.01430
#3	-.00002	-.00002	.00810	.00360	-.00023	-.00067	.01412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	.04885	.00364	.00200	F 299.74	.00006	.00046
Stddev	.00007	.02463	.00020	.00028	4.14	.00043	.00008
%RSD	10.239	50.424	5.3826	14.002	1.3811	669.24	17.997

#1	.00075	.02725	.00346	.00182	297.30	-.00043	.00054
#2	.00073	.04363	.00385	.00232	304.52	.00025	.00037
#3	.00062	.07568	.00360	.00186	297.40	.00037	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20458	-.00008	.00446	F -.03683	.01013	.00187	-.00272
Stddev	.00652	.00014	.00872	.02647	.00273	.00077	.00159
%RSD	3.1876	163.03	195.36	71.887	26.935	41.114	58.520

#1	.19944	.00007	.01040	-.00668	.01148	.00247	-.00456
#2	.21192	-.00015	-.00555	-.04753	.01192	.00100	-.00185
#3	.20238	-.00017	.00853	-.05627	.00699	.00213	-.00175

Sample Name: PB116984TB Acquired: 2/12/2019 14:44:48 Type: Unk
Method: P4-ICP2(v2843) 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	-.00004	.0005	.00010	3.4677	13.281
Stddev	.00154	.0009	.00002	.0482	2.728
%RSD	3582.9	164.0	19.815	1.3889	20.543
#1	.00170	.0015	.00008	3.4637	16.426
#2	-.00065	.0005	.00012	3.5178	11.542
#3	-.00119	-.0003	.00010	3.4217	11.876
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.4	35105.	3915.4	15.374	3163.4
Stddev	13.4	33.	36.7	1.031	12.6
%RSD	.48241	.09499	.93664	6.7088	.39695
#1	2766.0	35097.	3914.9	14.677	3148.9
#2	2788.9	35141.	3879.0	14.886	3171.6
#3	2789.4	35076.	3952.4	16.559	3169.6

Sample Name: PB116985BL Acquired: 2/12/2019 14:49:24 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00046	-.00115	-.00336	.00040	-.00135	-.00884
Stddev	.00263	.00052	.00082	.00017	.00033	.00113	.00409
%RSD	397.58	114.38	71.180	5.1652	82.854	83.990	46.236

#1	-.00150	-.00022	-.00042	-.00336	.00018	-.00187	-.00999
#2	-.00277	-.00105	-.00100	-.00319	.00079	-.00005	-.01223
#3	.00229	-.00010	-.00204	-.00354	.00025	-.00213	-.00430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00001	-.00663	-.00031	.00011	-.00013	-.00124
Stddev	.00003	.00005	.00758	.00041	.00017	.00020	.00094
%RSD	96.039	692.46	114.31	129.38	155.85	156.60	76.157

#1	.00001	.00004	-.01428	-.00045	.00015	-.00008	-.00232
#2	.00007	-.00005	-.00651	.00014	.00026	.00004	-.00071
#3	.00002	-.00001	.00088	-.00063	-.00008	-.00035	-.00068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.07330	.00037	-.00006	.07593	-.00017	-.00049
Stddev	.00006	.02048	.00010	.00052	.00079	.00023	.00009
%RSD	276.93	27.944	28.128	884.22	1.0460	133.02	18.715

#1	.00003	.05363	.00033	.00037	.07511	.00003	-.00057
#2	-.00009	.09450	.00030	.00009	.07670	-.00042	-.00051
#3	-.00000	.07176	.00049	-.00063	.07597	-.00013	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06100	-.00030	-.00387	F -.04145	-.00525	-.00072	-.00250
Stddev	.02877	.00017	.00937	.00835	.00128	.00034	.00233
%RSD	47.168	55.976	241.89	20.147	24.421	47.913	93.239

#1	.07013	-.00012	-.00419	-.04255	-.00400	-.00036	.00007
#2	.02877	-.00035	.00565	-.04919	-.00656	-.00074	-.00448
#3	.08409	-.00045	-.01308	-.03260	-.00519	-.00105	-.00308

Sample Name: PB116985BL Acquired: 2/12/2019 14:49:24 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00129	-.0000	.00006	F 1.4574	F .91959
Stddev	.00091	.0004	.00005	.0444	1.0813
%RSD	70.642	5918.	90.889	3.0463	117.58
#1	-.00162	.0003	-.00000	1.4370	.27703
#2	-.00026	.0002	.00010	1.5084	.31376
#3	-.00199	-.0005	.00007	1.4269	2.1680
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.9	38008.	3905.8	15.849	3606.5
Stddev	10.2	146.	.6	.239	13.0
%RSD	.33994	.38535	.01423	1.5074	.35909
#1	2985.5	37845.	3906.5	15.705	3592.6
#2	3000.1	38128.	3905.5	16.125	3608.8
#3	3005.1	38051.	3905.6	15.718	3618.2

Sample Name: PB116985TB Acquired: 2/12/2019 14:53:51 Type: Unk
Method: P4-ICP2(v2843) 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	-.00110	-.00181	.00063	-.00132	.00168	.00539	-.01874
Stddev	.00123	.00164	.00064	.00326	.00193	.00142	.00136
%RSD	111.94	90.128	102.76	246.09	115.08	26.412	7.2615

#1	-.00249	-.00235	.00132	-.00229	.00191	.00679	-.01770
#2	-.00066	.00002	.00006	-.00399	-.00036	.00394	-.01825
#3	-.00015	-.00312	.00050	.00231	.00348	.00545	-.02028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00018	.00487	.00366	-.00014	-.00008	.01290
Stddev	.00004	.00002	.00873	.00032	.00009	.00028	.00236
%RSD	31.486	8.7007	179.43	8.6364	64.748	339.19	18.315

#1	-.00009	-.00019	-.00436	.00393	-.00018	-.00040	.01245
#2	-.00014	-.00018	.01301	.00331	-.00003	.00002	.01079
#3	-.00017	-.00016	.00595	.00373	-.00019	.00013	.01545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.07008	.00381	.00158	F 300.23	-.00037	.00041
Stddev	.00006	.03761	.00065	.00066	1.06	.00050	.00005
%RSD	9.4733	53.657	17.134	41.741	.35252	132.68	12.045

#1	.00071	.05859	.00334	.00232	301.44	-.00063	.00045
#2	.00073	.03957	.00456	.00107	299.51	.00020	.00042
#3	.00061	.11210	.00354	.00134	299.73	-.00069	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20914	.00003	-.00252	F -.03374	.00872	.00160	-.00249
Stddev	.00127	.00015	.00241	.03632	.00142	.00020	.00077
%RSD	.60865	449.36	95.930	107.65	16.230	12.453	30.802

#1	.20926	.00002	-.00003	-.07490	.00979	.00137	-.00163
#2	.20781	.00019	-.00267	-.02013	.00925	.00173	-.00310
#3	.21035	-.00011	-.00485	-.00619	.00712	.00169	-.00273

Sample Name: PB116985TB Acquired: 2/12/2019 14:53:51 Type: Unk
Method: P4-ICP2(v2843) 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	-.00213	.0004	.00006	3.1681	13.259
Stddev	.00066	.0015	.00007	.1537	1.872
%RSD	30.834	375.3	120.98	4.8520	14.120

#1	-.00264	.0017	.00008	2.9995	11.099
#2	-.00236	-.0012	-.00002	3.3004	14.403
#3	-.00139	.0007	.00010	3.2045	14.276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.5	35312.	3936.3	16.083	3180.3
Stddev	14.7	43.	34.4	.806	19.3
%RSD	.52325	.12046	.87515	5.0125	.60733

#1	2786.7	35293.	3897.0	16.116	3158.0
#2	2810.4	35282.	3961.1	16.873	3192.1
#3	2813.4	35361.	3950.9	15.261	3190.8

Sample Name: PB116986BL Acquired: 2/12/2019 14:58:27 Type: Unk
Method: P4-ICP2(v2843) 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	.00091	-.00185	-.00022	-.00096	-.00054	-.00431	-.00743
Stddev	.00175	.00110	.00049	.00068	.00120	.00731	.00390
%RSD	193.40	59.395	218.30	70.857	223.39	169.59	52.480

#1	-.00102	-.00305	-.00042	-.00154	-.00182	-.01016	-.00930
#2	.00241	-.00158	.00033	-.00113	-.00033	.00389	-.01005
#3	.00133	-.00091	-.00058	-.00021	.00055	-.00666	-.00295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00007	-.00378	.00001	.00010	-.00022	-.00206
Stddev	.00007	.00004	.00539	.00011	.00009	.00010	.00117
%RSD	3579.2	60.593	142.49	1141.4	86.528	46.149	56.701

#1	-.00003	.00007	-.00095	-.00011	.00015	-.00033	-.00119
#2	.00008	.00012	-.00040	.00010	.00000	-.00020	-.00160
#3	-.00004	.00003	-.01000	.00004	.00015	-.00013	-.00339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.03572	.00012	-.00018	.08499	.00008	-.00052
Stddev	.00003	.03975	.00011	.00018	.00779	.00028	.00007
%RSD	163.34	111.29	89.858	103.36	9.1676	359.90	13.311

#1	-.00001	.02138	.00006	-.00009	.09316	.00023	-.00060
#2	.00002	.00513	.00006	-.00005	.07764	.00025	-.00049
#3	.00004	.08066	.00025	-.00038	.08418	-.00024	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01537	-.00022	.00497	F -.05422	-.00470	-.00061	-.00368
Stddev	.01915	.00015	.01375	.01809	.00117	.00038	.00129
%RSD	124.61	67.851	276.44	33.360	24.821	61.811	35.140

#1	.03700	-.00037	.00223	-.03626	-.00349	-.00102	-.00233
#2	.00053	-.00007	-.00720	-.07243	-.00478	-.00028	-.00491
#3	.00859	-.00021	.01988	-.05396	-.00582	-.00054	-.00381

Sample Name: PB116986BL Acquired: 2/12/2019 14:58:27 Type: Unk
Method: P4-ICP2(v2843) 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	-.00339	.0009	-.00001	F 1.5998	F .29221
Stddev	.00277	.0009	.00009	.0529	2.8569
%RSD	81.826	104.0	1065.3	3.3049	977.69
#1	-.00529	.0000	-.00007	1.6564	-2.7872
#2	-.00021	.0018	.00010	1.5516	2.8565
#3	-.00467	.0008	-.00006	1.5915	.80728
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.0	38180.	3916.1	15.222	3594.3
Stddev	3.9	32.	9.3	.465	3.6
%RSD	.13089	.08388	.23761	3.0566	.10018
#1	2988.9	38144.	3922.8	14.964	3590.7
#2	2996.4	38204.	3919.9	14.943	3597.9
#3	2990.7	38193.	3905.5	15.759	3594.4

Sample Name: CCV03 Acquired: 2/12/2019 15:02:55 Type: Unk
Method: P4-ICP2(v2843) 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	5.0542	5.1266	5.0090	5.1310	5.0771	10.223	10.158	.25077
Stddev	.0210	.0043	.0043	.0194	.0096	.049	.030	.00027
%RSD	.41493	.08375	.08602	.37772	.18957	.48083	.30003	.10781
#1	5.0309	5.1233	5.0041	5.1138	5.0879	10.177	10.169	.25050
#2	5.0598	5.1315	5.0122	5.1272	5.0693	10.217	10.123	.25104
#3	5.0717	5.1250	5.0106	5.1520	5.0741	10.275	10.181	.25077
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5101	25.881	1.0280	2.5036	1.2797	5.0191	2.5379	25.170
Stddev	.0033	.108	.0036	.0053	.0038	.0295	.0034	.362
%RSD	.12970	.41893	.34497	.21209	.29466	.58699	.13457	1.4396
#1	2.5072	25.963	1.0241	2.4983	1.2801	5.0497	2.5365	25.195
#2	2.5136	25.758	1.0291	2.5089	1.2758	5.0166	2.5354	24.795
#3	2.5096	25.920	1.0309	2.5035	1.2833	4.9909	2.5418	25.519
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5339	1.2670	25.315	2.5571	2.4912	25.101	5.0555	5.0961
Stddev	.0036	.0046	.151	.0043	.0011	.126	.0054	.0364
%RSD	.14331	.35976	.59543	.16838	.04524	.50381	.10678	.71370
#1	2.5308	1.2620	25.359	2.5528	2.4900	25.211	5.0519	5.0840
#2	2.5379	1.2682	25.148	2.5572	2.4922	24.963	5.0530	5.0673
#3	2.5330	1.2709	25.439	2.5614	2.4913	25.128	5.0617	5.1369
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0634	4.9500	5.0732	5.0721	5.0716	5.137	5.0906	F 3.0583
Stddev	.0247	.0109	.0118	.0008	.0111	.014	.0092	.0722
%RSD	.48747	.22107	.23177	.01621	.21789	.2732	.18048	2.3594
#1	5.0370	4.9596	5.0603	5.0725	5.0709	5.122	5.0952	2.9826
#2	5.0859	4.9381	5.0833	5.0711	5.0609	5.149	5.0800	3.0660
#3	5.0672	4.9523	5.0759	5.0726	5.0829	5.141	5.0966	3.1263

Sample Name: CCV03 Acquired: 2/12/2019 15:02:55 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4881
Stddev	6.4485
%RSD	259.17

#1	5.6251
#2	6.7680
#3	-4.9287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.0	36176.	3872.2	14.164	3189.2
Stddev	4.3	69.	24.8	.656	1.9
%RSD	.15117	.18965	.64149	4.6334	.05981

#1	2865.3	36247.	3843.6	14.703	3187.5
#2	2873.0	36170.	3884.3	14.355	3189.0
#3	2865.6	36110.	3888.6	13.433	3191.3

Sample Name: CCB03 Acquired: 2/12/2019 15:06:53 Type: Unk
Method: P4-ICP2(v2843) 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	-.00037	.00071	-.00033	-.00189	-.00027	.00521	-.00666
Stddev	.00276	.00101	.00031	.00218	.00035	.00615	.00548
%RSD	737.13	142.06	92.721	115.05	128.15	117.94	82.244

#1	-.00101	.00039	.00002	-.00268	-.00004	-.00183	-.00981
#2	.00265	.00185	-.00044	-.00356	-.00011	.00949	-.00034
#3	-.00276	-.00010	-.00056	.00057	-.00067	.00799	-.00984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	.00158	-.00001	.00019	.00003	-.00382
Stddev	.00009	.00008	.00533	.00033	.00004	.00044	.00142
%RSD	463.06	133.36	336.99	5388.5	20.584	1393.9	37.108

#1	-.00008	.00012	.00015	-.00038	.00018	.00023	-.00261
#2	.00005	.00009	.00748	.00009	.00016	.00034	-.00346
#3	.00009	-.00003	-.00289	.00027	.00023	-.00048	-.00538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.06264	.00019	-.00078	.03483	.00011	-.00027
Stddev	.00006	.02835	.00012	.00042	.00833	.00042	.00010
%RSD	56.426	45.260	61.523	53.094	23.906	365.27	35.031

#1	.00008	.09421	.00006	-.00065	.02524	-.00035	-.00032
#2	.00006	.05437	.00023	-.00125	.04028	.00045	-.00016
#3	.00017	.03935	.00028	-.00045	.03895	.00024	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06205	-.00013	.00768	F -.04392	-.00186	-.00023	-.00294
Stddev	.02637	.00012	.00192	.00650	.00227	.00115	.00286
%RSD	42.496	88.969	25.014	14.791	121.46	493.72	97.072

#1	.05073	-.00019	.00800	-.04502	.00034	-.00129	-.00033
#2	.04323	-.00020	.00561	-.03694	-.00419	-.00040	-.00250
#3	.09218	.00000	.00941	-.04979	-.00175	.00099	-.00599

Sample Name: CCB03 Acquired: 2/12/2019 15:06:53 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00197	.0006	.00030	F 1.8387	F 3.0441
Stddev	.00007	.0015	.00011	.1732	.2473
%RSD	3.8083	246.9	38.751	9.4172	8.1240
#1	-.00194	-.0010	.00038	1.9564	2.9563
#2	-.00191	.0020	.00034	1.6399	2.8528
#3	-.00205	.0008	.00017	1.9199	3.3234
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.4	37961.	3933.1	15.860	3605.0
Stddev	7.7	169.	17.4	.672	6.5
%RSD	.25732	.44521	.44115	4.2369	.18160
#1	3000.0	37772.	3913.6	16.234	3603.5
#2	2989.9	38095.	3938.7	16.261	3599.3
#3	3005.1	38017.	3947.0	15.084	3612.1

Sample Name: PB116986BS Acquired: 2/12/2019 15:11:26 Type: Unk
Method: P4-ICP2(v2843) 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	.73271	1.8868	.89572	1.8684	.77814	1.9446	.18453
Stddev	.00076	.0052	.00280	.0033	.00115	.0056	.00137
%RSD	.10414	.27766	.31295	.17748	.14738	.28935	.74168

#1	.73295	1.8808	.89880	1.8715	.77944	1.9389	.18575
#2	.73333	1.8901	.89333	1.8649	.77773	1.9501	.18305
#3	.73186	1.8895	.89502	1.8686	.77726	1.9449	.18481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17835	.17763	.98881	.40313	.18525	.29825	2.9408
Stddev	.00070	.00009	.01922	.00158	.00028	.00055	.0349
%RSD	.38974	.05176	1.9434	.39242	.14945	.18281	1.1876

#1	.17773	.17762	.98216	.40479	.18556	.29849	2.9792
#2	.17821	.17755	1.0105	.40164	.18503	.29763	2.9110
#3	.17910	.17773	.97380	.40297	.18516	.29864	2.9322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19977	1.9794	.46725	.06745	2.9633	.29899	.17473
Stddev	.00027	.0415	.00070	.00037	.0207	.00082	.00011
%RSD	.13425	2.0991	.14930	.55571	.69985	.27578	.06315

#1	.19985	1.9615	.46651	.06777	2.9872	.29901	.17485
#2	.19947	1.9497	.46790	.06754	2.9531	.29815	.17463
#3	.19999	2.0268	.46734	.06704	2.9497	.29980	.17470

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8790	.41581	.30197	F -.05778	.87468	.66047	.20071
Stddev	.0516	.00078	.00783	.00305	.00655	.00101	.00117
%RSD	.52277	.18834	2.5944	5.2708	.74839	.15318	.58208

#1	9.9386	.41594	.29456	-.05434	.87888	.66164	.20112
#2	9.8475	.41496	.31017	-.06013	.86713	.65988	.20162
#3	9.8508	.41651	.30117	-.05889	.87801	.65989	.19939

Sample Name: PB116986BS Acquired: 2/12/2019 15:11:26 Type: Unk
Method: P4-ICP2(v2843) 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	.20133	5.070	.19482	F 2.3680	F<.00000
Stddev	.00131	.012	.00062	.2244	2.8501
%RSD	.64887	.2408	.32007	9.4749	5.4839
#1	.20266	5.080	.19550	2.6032	-53.349
#2	.20130	5.057	.19468	2.3445	-48.694
#3	.20005	5.074	.19428	2.1563	-53.871
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.8	37807.	4008.0	14.999	3529.8
Stddev	17.1	181.	41.6	.347	16.9
%RSD	.58473	.47780	1.0376	2.3112	.47831
#1	2909.2	37607.	3960.0	14.875	3510.3
#2	2935.8	37856.	4031.3	15.391	3539.2
#3	2941.2	37958.	4032.8	14.732	3539.8

Sample Name: PB117001BL Acquired: 2/12/2019 15:15:34 Type: Unk
Method: P4-ICP2(v2843) 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	-.00025	.00009	-.00114	-.00457	.00039	-.00096	-.00912
Stddev	.00206	.00073	.00133	.00328	.00119	.00474	.00335
%RSD	838.15	850.95	116.28	71.879	308.77	493.63	36.767

#1	-.00119	-.00068	.00025	-.00079	-.00055	-.00641	-.01286
#2	-.00167	.00077	-.00128	-.00676	.00173	.00228	-.00638
#3	.00212	.00017	-.00240	-.00615	-.00003	.00124	-.00812

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00000	-.00843	.00014	.00017	.00002	-.00056
Stddev	.00005	.00006	.00629	.00011	.00015	.00030	.00168
%RSD	43036.	5002.6	74.618	77.380	90.392	1839.3	299.80

#1	.00004	.00005	-.01559	.00023	.00013	.00020	.00034
#2	-.00006	.00003	-.00378	.00017	.00033	-.00033	-.00251
#3	.00002	-.00007	-.00592	.00002	.00004	.00018	.00048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.04805	.00033	-.00050	.01173	-.00017	-.00041
Stddev	.00005	.02690	.00023	.00065	.00768	.00021	.00008
%RSD	124.23	55.990	71.342	129.32	65.445	120.46	18.897

#1	.00007	.01699	.00027	.00024	.00434	-.00005	-.00049
#2	.00007	.06422	.00058	-.00096	.01967	-.00042	-.00039
#3	-.00002	.06293	.00013	-.00077	.01119	-.00006	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02211	-.00041	.00340	F -.03489	-.00174	-.00027	-.00291
Stddev	.02073	.00031	.00561	.01912	.00138	.00079	.00196
%RSD	93.759	75.074	164.87	54.799	79.364	296.10	67.551

#1	.03448	-.00006	.00985	-.02812	-.00266	-.00098	-.00207
#2	.03368	-.00054	-.00032	-.02008	-.00240	.00059	-.00515
#3	-.00182	-.00063	.00067	-.05648	-.00015	-.00041	-.00150

Sample Name: PB117001BL Acquired: 2/12/2019 15:15:34 Type: Unk
Method: P4-ICP2(v2843) 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	-.00299	-.0015	.00004	F 1.4776	F 1.7542
Stddev	.00090	.0014	.00002	.1832	3.9016
%RSD	30.240	93.00	52.276	12.401	222.41
#1	-.00279	-.0010	.00005	1.3675	1.0005
#2	-.00397	-.0004	.00002	1.3761	5.9777
#3	-.00220	-.0030	.00005	1.6891	-1.7154
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3007.3	38202.	3912.3	14.955	3611.6
Stddev	10.7	95.	16.7	.875	10.0
%RSD	.35720	.24776	.42626	5.8484	.27786
#1	2999.5	38311.	3930.3	14.220	3603.5
#2	3019.6	38140.	3897.4	15.923	3622.9
#3	3002.9	38156.	3909.0	14.723	3608.5

Sample Name: PB117001BS Acquired: 2/12/2019 15:20:03 Type: Unk
Method: P4-ICP2(v2843) 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	.73685	1.9034	.90423	1.8773	.77849	1.9498	.18764
Stddev	.00214	.0036	.00355	.0071	.00061	.0121	.00261
%RSD	.29086	.18803	.39285	.38022	.07809	.61952	1.3936

#1	.73609	1.8993	.90089	1.8705	.77810	1.9393	.18465
#2	.73927	1.9053	.90796	1.8847	.77819	1.9470	.18952
#3	.73519	1.9056	.90384	1.8767	.77919	1.9630	.18876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17941	.17932	1.0162	.40666	.18646	.30022	2.9881
Stddev	.00012	.00030	.0070	.00080	.00088	.00060	.0357
%RSD	.06926	.16484	.69238	.19680	.47173	.20008	1.1953

#1	.17952	.17911	1.0104	.40654	.18547	.29954	3.0265
#2	.17944	.17919	1.0141	.40751	.18674	.30041	2.9818
#3	.17928	.17966	1.0240	.40593	.18716	.30069	2.9559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20116	1.9589	.47089	.06767	3.0062	.30095	.17522
Stddev	.00037	.0592	.00044	.00053	.0124	.00168	.00035
%RSD	.18499	3.0204	.09428	.78348	.41175	.55940	.20108

#1	.20132	1.9074	.47047	.06754	3.0196	.30239	.17482
#2	.20142	1.9458	.47136	.06722	3.0038	.30137	.17548
#3	.20073	2.0235	.47085	.06825	2.9952	.29910	.17538

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9793	.41756	.30851	F -.04644	.89332	.66217	.20420
Stddev	.0382	.00057	.01280	.00299	.00563	.00220	.00143
%RSD	.38243	.13688	4.1475	6.4460	.63058	.33251	.70022

#1	10.000	.41693	.29835	-.04545	.89515	.66175	.20308
#2	9.9352	.41771	.32288	-.04407	.89781	.66455	.20370
#3	10.002	.41804	.30431	-.04981	.88700	.66021	.20581

Sample Name: PB117001BS Acquired: 2/12/2019 15:20:03 Type: Unk
Method: P4-ICP2(v2843) 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	.20576	F 5.113	.19629	F 2.2832	F<.00000
Stddev	.00289	.009	.00070	.3144	3.3453
%RSD	1.4038	.1847	.35844	13.772	6.0608
#1	.20440	5.111	.19703	2.6461	-51.333
#2	.20907	5.124	.19620	2.0910	-57.096
#3	.20380	5.105	.19563	2.1125	-57.158
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2910.6	37549.	3948.9	16.058	3507.1
Stddev	4.5	219.	63.1	1.215	3.9
%RSD	.15512	.58200	1.5969	7.5686	.11175
#1	2905.5	37339.	3879.4	16.234	3502.8
#2	2912.1	37534.	3964.7	17.175	3508.0
#3	2914.2	37775.	4002.5	14.764	3510.5

Sample Name: PB117057BL Acquired: 2/12/2019 15:24:10 Type: Unk
Method: P4-ICP2(v2843) 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	.00216	-.00025	-.00082	-.00217	.00033	.00128	-.00478
Stddev	.00091	.00094	.00051	.00123	.00056	.00956	.00257
%RSD	42.419	380.18	62.051	56.623	170.01	748.63	53.731

#1	.00293	-.00130	-.00070	-.00102	-.00030	-.00680	-.00681
#2	.00239	.00003	-.00039	-.00204	.00053	-.00119	-.00189
#3	.00115	.00053	-.00139	-.00347	.00076	.01183	-.00562

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	.00211	-.00007	.00031	-.00041	-.00197
Stddev	.00005	.00002	.01294	.00015	.00028	.00023	.00130
%RSD	259.13	42.127	614.04	200.39	89.274	56.608	65.655

#1	.00007	-.00003	.01633	.00009	.00030	-.00048	-.00051
#2	-.00002	-.00006	-.00105	-.00018	.00004	-.00015	-.00296
#3	.00000	-.00005	-.00896	-.00013	.00059	-.00060	-.00245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04916	.00036	-.00003	.00870	-.00006	-.00031
Stddev	.00002	.04369	.00022	.00016	.00713	.00031	.00003
%RSD	180.40	88.873	60.269	629.35	81.940	554.34	11.133

#1	-.00002	.02054	.00034	.00003	.00170	.00014	-.00027
#2	.00001	.09944	.00015	-.00021	.00844	.00010	-.00033
#3	-.00003	.02749	.00058	.00010	.01595	-.00042	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03613	-.00046	.00372	F -.03509	-.00321	-.00014	-.00249
Stddev	.00852	.00019	.00305	.00628	.00219	.00105	.00126
%RSD	23.567	41.972	82.032	17.902	68.089	729.13	50.715

#1	.04584	-.00068	.00676	-.03040	-.00203	-.00047	-.00160
#2	.02994	-.00033	.00066	-.03264	-.00187	-.00100	-.00394
#3	.03262	-.00037	.00373	-.04222	-.00574	.00104	-.00194

Sample Name: PB117057BL Acquired: 2/12/2019 15:24:10 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00207	.0008	.00002	F 1.9672	F 3.8267
Stddev	.00172	.0003	.00008	.1821	2.0497
%RSD	82.999	37.11	471.96	9.2564	53.564
#1	-.00027	.0005	.00002	1.7595	1.4623
#2	-.00369	.0009	.00010	2.0993	5.1025
#3	-.00226	.0011	-.00006	2.0428	4.9151
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.0	37933.	3911.1	16.197	3604.9
Stddev	11.6	52.	4.4	.621	16.6
%RSD	.38883	.13632	.11362	3.8346	.45974
#1	2995.0	37985.	3906.9	15.723	3595.1
#2	2984.9	37881.	3915.7	16.900	3595.6
#3	3008.1	37933.	3910.8	15.968	3624.1

Sample Name: PB117057BS Acquired: 2/12/2019 15:28:36 Type: Unk
Method: P4-ICP2(v2843) 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	.76493	1.9753	.93859	1.9421	.80609	2.0156	.19685
Stddev	.00195	.0066	.00223	.0032	.00268	.0173	.00413
%RSD	.25436	.33667	.23740	.16549	.33254	.85953	2.0993

#1	.76694	1.9777	.93663	1.9449	.80884	2.0019	.19208
#2	.76480	1.9805	.93813	1.9428	.80596	2.0351	.19919
#3	.76306	1.9678	.94101	1.9386	.80348	2.0097	.19929

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18665	.18643	1.0528	.41905	.19401	.31128	3.1359
Stddev	.00045	.00035	.0123	.00198	.00059	.00040	.0307
%RSD	.24009	.18721	1.1653	.47146	.30516	.12914	.97837

#1	.18613	.18607	1.0389	.41770	.19371	.31141	3.1086
#2	.18688	.18677	1.0621	.41814	.19363	.31082	3.1300
#3	.18693	.18644	1.0574	.42132	.19470	.31159	3.1691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20901	2.0565	.48998	.07109	3.1120	.31269	.18304
Stddev	.00011	.0158	.00144	.00096	.0224	.00129	.00041
%RSD	.05319	.76590	.29321	1.3474	.72119	.41287	.22496

#1	.20893	2.0401	.48832	.07002	3.1084	.31396	.18351
#2	.20913	2.0580	.49073	.07136	3.0915	.31138	.18289
#3	.20896	2.0715	.49088	.07188	3.1360	.31274	.18273

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.357	.42981	.31088	F -.05434	.93610	.68813	.20851
Stddev	.046	.00072	.00861	.00699	.00959	.00104	.00208
%RSD	.44664	.16753	2.7707	12.856	1.0242	.15146	.99938

#1	10.304	.43048	.30659	-.04869	.92641	.68879	.20643
#2	10.391	.42990	.30526	-.06215	.93631	.68693	.20850
#3	10.376	.42905	.32080	-.05218	.94558	.68868	.21060

Sample Name: PB117057BS Acquired: 2/12/2019 15:28:36 Type: Unk
Method: P4-ICP2(v2843) 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	.21343	F 5.314	.20402	F 2.4193	F<.00000
Stddev	.00192	.014	.00081	.0690	2.7358
%RSD	.89931	.2599	.39571	2.8507	5.3795
#1	.21440	5.298	.20353	2.4876	-51.826
#2	.21122	5.323	.20358	2.4207	-52.974
#3	.21467	5.320	.20496	2.3497	-47.767
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.7	37420.	3892.2	16.210	3498.5
Stddev	19.3	44.	25.8	1.073	15.7
%RSD	.66197	.11751	.66355	6.6202	.44851
#1	2891.7	37378.	3914.5	17.159	3481.1
#2	2921.7	37416.	3898.1	16.425	3502.7
#3	2927.8	37466.	3863.9	15.045	3511.6

Sample Name: PB117053BL Acquired: 2/12/2019 15:32:41 Type: Unk
Method: P4-ICP2(v2843) 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	.00293	.00011	-.00048	-.00021	.00034	.00432	-.00420
Stddev	.00133	.00104	.00016	.00234	.00045	.01177	.00242
%RSD	45.322	948.31	32.631	1101.2	133.68	272.69	57.702

#1	.00158	-.00108	-.00066	.00010	.00015	-.00185	-.00677
#2	.00298	.00054	-.00034	-.00270	.00001	-.00309	-.00386
#3	.00424	.00087	-.00046	.00196	.00086	.01789	-.00196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.01020	.00003	-.00003	-.00037	-.00449
Stddev	.00007	.00016	.00229	.00029	.00010	.00057	.00318
%RSD	120.57	1094.2	22.405	1055.7	370.27	153.41	70.853

#1	.00012	-.00007	-.01232	-.00028	-.00008	-.00080	-.00549
#2	.00009	-.00009	-.00778	.00030	.00008	.00027	-.00093
#3	-.00002	.00020	-.01052	.00006	-.00008	-.00058	-.00706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.06477	.00044	-.00009	-.00693	-.00021	-.00042
Stddev	.00008	.03125	.00008	.00031	.00612	.00039	.00007
%RSD	413.34	48.249	17.196	351.38	88.356	183.74	17.411

#1	-.00010	.03320	.00052	-.00034	-.01285	-.00063	-.00033
#2	.00005	.06542	.00041	.00026	-.00730	-.00013	-.00045
#3	-.00000	.09570	.00038	-.00019	-.00063	.00013	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06141	-.00030	.00200	F -.05072	-.00191	-.00026	-.00224
Stddev	.01817	.00016	.00846	.01618	.00173	.00032	.00276
%RSD	29.581	51.432	423.54	31.903	90.627	121.86	123.43

#1	.07599	-.00012	-.00446	-.03876	-.00046	-.00031	-.00529
#2	.06719	-.00038	-.00112	-.06914	-.00144	.00008	.00009
#3	.04106	-.00041	.01157	-.04427	-.00382	-.00056	-.00151

Sample Name: PB117053BL Acquired: 2/12/2019 15:32:41 Type: Unk
Method: P4-ICP2(v2843) 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	-.00130	.0003	.00001	F 2.2807	F .93311
Stddev	.00116	.0013	.00012	.0616	2.0533
%RSD	89.251	527.4	866.07	2.7005	220.05
#1	-.00024	.0012	-.00004	2.2539	-1.4242
#2	-.00111	-.0013	.00016	2.3512	1.8916
#3	-.00254	.0008	-.00008	2.2371	2.3319
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.5	37579.	3872.7	14.974	3556.6
Stddev	1.3	34.	23.4	.530	4.9
%RSD	.04427	.08939	.60524	3.5427	.13638
#1	2968.0	37597.	3879.2	14.580	3556.6
#2	2968.5	37600.	3846.7	15.577	3551.7
#3	2966.0	37541.	3892.3	14.766	3561.4

Sample Name: PB117053BS Acquired: 2/12/2019 15:37:07 Type: Unk
Method: P4-ICP2(v2843) 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	.77582	1.9991	.94817	1.9705	.81207	2.0604	.19823
Stddev	.00208	.0065	.00054	.0104	.00507	.0013	.00161
%RSD	.26754	.32721	.05670	.52847	.62476	.06137	.81033

#1	.77798	2.0054	.94861	1.9825	.81790	2.0591	.20002
#2	.77564	1.9997	.94757	1.9634	.80867	2.0605	.19692
#3	.77384	1.9923	.94834	1.9657	.80965	2.0617	.19775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18895	.18846	1.0677	.42562	.19635	.31620	3.1068
Stddev	.00078	.00033	.0128	.00127	.00021	.00092	.0338
%RSD	.41281	.17733	1.1992	.29911	.10862	.29163	1.0896

#1	.18894	.18863	1.0719	.42629	.19614	.31714	3.1045
#2	.18818	.18868	1.0779	.42415	.19633	.31530	3.0742
#3	.18974	.18808	1.0534	.42642	.19657	.31616	3.1418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21163	2.0756	.49649	.07020	3.1197	.31808	.18343
Stddev	.00070	.0329	.00138	.00088	.0208	.00124	.00022
%RSD	.33044	1.5841	.27884	1.2570	.66574	.38959	.11813

#1	.21160	2.0593	.49761	.07089	3.1404	.31726	.18323
#2	.21095	2.0541	.49494	.06921	3.0989	.31747	.18339
#3	.21235	2.1135	.49691	.07051	3.1198	.31950	.18366

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.459	.43544	.32098	F -.04666	.92769	.69126	.21055
Stddev	.010	.00095	.00379	.01667	.00574	.00412	.00153
%RSD	.09120	.21759	1.1820	35.719	.61908	.59653	.72552

#1	10.469	.43558	.32497	-.06307	.92576	.69460	.20947
#2	10.450	.43630	.31742	-.04717	.92317	.68665	.21230
#3	10.460	.43442	.32053	-.02975	.93416	.69253	.20988

Sample Name: PB117053BS Acquired: 2/12/2019 15:37:07 Type: Unk
 Method: P4-ICP2(v2843) 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	.21437	5.385	.20619	F 2.5314	F<.00000
Stddev	.00081	.003	.00093	.0719	.53752
%RSD	.37666	.0515	.44875	2.8387	1.0461
#1	.21445	5.385	.20637	2.6123	-51.768
#2	.21353	5.388	.20519	2.4750	-51.611
#3	.21514	5.383	.20701	2.5069	-50.768
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.1	37182.	3943.3	16.200	3464.1
Stddev	17.2	145.	29.4	1.062	12.5
%RSD	.59427	.38999	.74532	6.5534	.35973
#1	2875.3	37048.	3937.9	17.309	3456.0
#2	2877.1	37336.	3975.0	15.193	3457.9
#3	2905.9	37161.	3917.0	16.098	3478.5

Sample Name: PB117056BL Acquired: 2/12/2019 15:41:13 Type: Unk
Method: P4-ICP2(v2843) 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	.00117	-.00008	-.00031	-.00072	-.00018	-.00351	-.00545
Stddev	.00048	.00219	.00093	.00230	.00154	.00804	.00219
%RSD	40.996	2833.0	301.51	319.13	836.55	229.37	40.183

#1	.00120	-.00258	-.00108	.00189	-.00119	.00092	-.00362
#2	.00067	.00090	-.00057	-.00159	-.00096	.00135	-.00485
#3	.00163	.00145	.00072	-.00246	.00159	-.01279	-.00788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00000	-.00620	-.00002	.00006	-.00044	-.00316
Stddev	.00004	.00002	.00326	.00027	.00025	.00026	.00199
%RSD	107.46	936.67	52.635	1161.5	453.50	58.545	62.926

#1	.00003	.00001	-.00970	-.00031	-.00011	-.00026	-.00531
#2	.00000	.00001	-.00324	.00002	-.00007	-.00074	-.00276
#3	.00009	-.00002	-.00565	.00022	.00035	-.00033	-.00140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.02262	.00023	-.00044	-.00345	.00001	-.00038
Stddev	.00006	.03658	.00011	.00046	.00589	.00025	.00004
%RSD	5720.2	161.71	45.326	105.10	170.61	4607.7	9.2946

#1	.00003	-.01643	.00015	-.00057	.00303	.00026	-.00040
#2	.00003	.02819	.00035	.00007	-.00847	.00000	-.00041
#3	-.00006	.05610	.00021	-.00083	-.00490	-.00024	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02176	-.00023	.00910	F -.05223	-.00551	-.00084	-.00284
Stddev	.03846	.00017	.01664	.01252	.00165	.00084	.00257
%RSD	176.74	74.805	182.90	23.973	29.893	99.062	90.517

#1	.00009	-.00022	.02344	-.05107	-.00704	-.00066	-.00502
#2	.06616	-.00041	.01299	-.04034	-.00573	-.00011	-.00001
#3	-.00097	-.00006	-.00914	-.06530	-.00377	-.00176	-.00349

Sample Name: PB117056BL Acquired: 2/12/2019 15:41:13 Type: Unk
Method: P4-ICP2(v2843) 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	-.00356	-.0001	.00004	F 1.7874	F 3.5588
Stddev	.00103	.0004	.00005	.0432	3.2682
%RSD	28.852	320.9	114.33	2.4196	91.834
#1	-.00439	-.0002	.00006	1.8360	2.2668
#2	-.00241	.0003	-.00001	1.7731	1.1342
#3	-.00388	-.0005	.00007	1.7531	7.2755
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2968.3	37676.	3896.9	15.382	3555.4
Stddev	1.8	72.	24.1	.697	5.3
%RSD	.06129	.19055	.61954	4.5292	.14924
#1	2969.8	37595.	3881.3	15.834	3561.5
#2	2968.8	37733.	3884.7	15.732	3551.5
#3	2966.3	37699.	3924.7	14.580	3553.3

Sample Name: PB117056BS Acquired: 2/12/2019 15:45:40 Type: Unk
Method: P4-ICP2(v2843) 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	.76617	1.9785	.94117	1.9509	.80332	2.0441	.19772
Stddev	.00411	.0002	.00079	.0077	.00372	.0128	.00328
%RSD	.53608	.00997	.08412	.39503	.46283	.62728	1.6584

#1	.76617	1.9787	.94198	1.9593	.80338	2.0340	.20145
#2	.77029	1.9783	.94113	1.9441	.80701	2.0585	.19530
#3	.76207	1.9786	.94040	1.9492	.79958	2.0398	.19640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18774	.18673	1.0267	.42386	.19468	.31266	3.1108
Stddev	.00027	.00040	.0002	.00125	.00009	.00068	.0263
%RSD	.14401	.21426	.02120	.29591	.04556	.21883	.84628

#1	.18745	.18674	1.0265	.42421	.19470	.31201	3.1208
#2	.18778	.18713	1.0266	.42247	.19475	.31260	3.0810
#3	.18799	.18633	1.0269	.42491	.19458	.31338	3.1307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21055	2.0005	.49061	.07119	3.1020	.31414	.18352
Stddev	.00044	.0267	.00095	.00137	.0350	.00153	.00010
%RSD	.20983	1.3346	.19426	1.9197	1.1278	.48817	.05693

#1	.21073	1.9889	.48965	.07226	3.0713	.31511	.18361
#2	.21087	2.0310	.49062	.06965	3.0946	.31493	.18354
#3	.21004	1.9815	.49155	.07165	3.1401	.31237	.18340

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.317	.42942	.31832	F -.05954	.93631	.68722	.20912
Stddev	.059	.00012	.01139	.01417	.00068	.00250	.00152
%RSD	.57434	.02764	3.5792	23.795	.07223	.36388	.72858

#1	10.249	.42930	.31945	-.04835	.93567	.68940	.20921
#2	10.342	.42954	.30641	-.07547	.93625	.68777	.20755
#3	10.358	.42941	.32911	-.05480	.93701	.68449	.21059

Sample Name: PB117056BS Acquired: 2/12/2019 15:45:40 Type: Unk
Method: P4-ICP2(v2843) 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	.21500	5.336	.20526	F 2.6891	F<.00000
Stddev	.00167	.017	.00086	.3126	2.5094
%RSD	.77500	.3095	.42074	11.626	4.6143
#1	.21449	5.352	.20441	2.9416	-56.663
#2	.21365	5.319	.20524	2.3395	-51.695
#3	.21686	5.336	.20613	2.7864	-54.794
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.4	37013.	3911.6	15.017	3478.8
Stddev	11.0	193.	27.9	.505	17.5
%RSD	.37902	.52118	.71341	3.3626	.50198
#1	2890.8	36791.	3887.0	15.116	3461.0
#2	2900.6	37111.	3941.9	15.466	3479.3
#3	2912.7	37138.	3905.7	14.470	3495.9

Sample Name: PB117056TB Acquired: 2/12/2019 15:49:46 Type: Unk
Method: P4-ICP2(v2843) 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	-.00441	-.00112	.00004	-.00286	.00143	.00691	-.01917
Stddev	.00125	.00211	.00055	.00117	.00071	.02109	.00126
%RSD	28.330	187.81	1380.9	40.761	49.711	305.23	6.5821

#1	-.00379	-.00287	.00065	-.00327	.00223	.00104	-.01796
#2	-.00584	.00122	-.00041	-.00378	.00121	.03031	-.01906
#3	-.00358	-.00173	-.00013	-.00155	.00086	-.01062	-.02048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00015	.00116	.00117	-.00011	-.00048	-.00141
Stddev	.00007	.00009	.00632	.00016	.00023	.00047	.00073
%RSD	161.53	56.102	543.98	13.629	206.26	97.670	51.432

#1	-.00003	-.00011	.00199	.00104	-.00023	-.00011	-.00218
#2	-.00013	-.00010	.00703	.00135	.00015	-.00102	-.00132
#3	.00002	-.00025	-.00553	.00111	-.00025	-.00033	-.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.06255	.00449	.00275	F 405.42	-.00013	.00011
Stddev	.00003	.02113	.00027	.00036	1.48	.00006	.00003
%RSD	13.258	33.780	5.9821	13.211	.36610	43.109	30.409

#1	.00023	.08568	.00444	.00260	405.73	-.00013	.00009
#2	.00021	.04426	.00425	.00317	406.72	-.00019	.00015
#3	.00027	.05770	.00478	.00249	403.81	-.00007	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20988	-.00008	-.00058	F -.02321	.00094	.00189	-.00300
Stddev	.01559	.00033	.00701	.01637	.00101	.00109	.00273
%RSD	7.4275	433.63	1219.3	70.550	107.61	57.537	91.127

#1	.19359	.00028	-.00006	-.04206	.00135	.00111	-.00018
#2	.21140	-.00012	-.00783	-.01246	.00168	.00144	-.00564
#3	.22466	-.00038	.00617	-.01511	-.00021	.00314	-.00318

Sample Name: PB117056TB Acquired: 2/12/2019 15:49:46 Type: Unk
Method: P4-ICP2(v2843) 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	-.00140	-.0013	.00004	3.8885	19.365
Stddev	.00085	.0012	.00003	.3074	1.672
%RSD	60.472	96.81	80.764	7.9062	8.6358
#1	-.00042	-.0001	.00006	4.1899	20.408
#2	-.00185	-.0011	.00000	3.9001	20.252
#3	-.00194	-.0026	.00005	3.5754	17.436
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.5	34856.	3939.2	14.456	3118.3
Stddev	2.1	100.	15.9	1.026	4.7
%RSD	.07695	.28573	.40349	7.0983	.15096
#1	2785.0	34759.	3947.5	13.430	3122.6
#2	2781.0	34850.	3920.9	14.457	3113.3
#3	2781.6	34958.	3949.3	15.482	3119.1

Sample Name: CCV04 Acquired: 2/12/2019 15:54:22 Type: Unk
Method: P4-ICP2(v2843) 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	5.0873	5.2007	5.0553	5.1771	5.1160	10.372	10.381	.25249
Stddev	.0140	.0197	.0260	.0094	.0132	.058	.038	.00060
%RSD	.27571	.37864	.51419	.18148	.25807	.56301	.36730	.23699
#1	5.1027	5.2121	5.0751	5.1826	5.1297	10.305	10.422	.25318
#2	5.0842	5.1780	5.0259	5.1662	5.1034	10.404	10.347	.25215
#3	5.0752	5.2121	5.0649	5.1825	5.1148	10.408	10.375	.25213
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5356	26.604	1.0413	2.5298	1.2911	5.1344	2.5640	25.405
Stddev	.0125	.154	.0006	.0100	.0044	.0179	.0013	.085
%RSD	.49429	.58013	.05750	.39469	.34020	.34911	.05118	.33618
#1	2.5420	26.436	1.0408	2.5336	1.2941	5.1540	2.5654	25.311
#2	2.5212	26.740	1.0419	2.5185	1.2861	5.1303	2.5636	25.478
#3	2.5437	26.636	1.0410	2.5373	1.2932	5.1189	2.5629	25.426
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5710	1.2833	25.961	2.5997	2.5106	25.719	5.0948	5.1483
Stddev	.0107	.0067	.061	.0072	.0110	.085	.0195	.0184
%RSD	.41460	.51881	.23630	.27611	.43976	.33168	.38255	.35718
#1	2.5741	1.2764	26.025	2.6044	2.5201	25.742	5.1162	5.1664
#2	2.5592	1.2896	25.903	2.6032	2.4985	25.790	5.0780	5.1296
#3	2.5798	1.2839	25.955	2.5914	2.5132	25.625	5.0902	5.1490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1714	5.0812	5.1240	5.1436	5.1960	5.197	5.2046	F 2.8462
Stddev	.0104	.0224	.0287	.0194	.0139	.015	.0150	.0965
%RSD	.20039	.44054	.56068	.37659	.26690	.2964	.28902	3.3922
#1	5.1599	5.1037	5.1307	5.1249	5.2084	5.202	5.2150	2.7473
#2	5.1743	5.0811	5.0925	5.1425	5.1810	5.179	5.1873	2.9402
#3	5.1800	5.0589	5.1488	5.1635	5.1985	5.209	5.2114	2.8509

Sample Name: CCV04 Acquired: 2/12/2019 15:54:22 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3774
Stddev	2.4350
%RSD	72.096

#1	6.1850
#2	1.8426
#3	2.1046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.5	36650.	3883.3	14.046	3226.1
Stddev	16.6	34.	14.4	1.032	15.2
%RSD	.57011	.09282	.36973	7.3434	.47165

#1	2892.5	36683.	3866.8	12.880	3211.3
#2	2923.4	36615.	3892.9	14.840	3241.7
#3	2918.6	36651.	3890.3	14.418	3225.3

Sample Name: CCB04 Acquired: 2/12/2019 15:58:20 Type: Unk
Method: P4-ICP2(v2843) 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	.00177	.00126	-.00030	-.00142	-.00081	.00909	-.00135
Stddev	.00078	.00148	.00028	.00051	.00092	.01336	.00455
%RSD	44.445	117.67	91.539	36.095	114.12	147.02	337.52

#1	.00265	-.00043	.00001	-.00113	.00025	-.00250	-.00638
#2	.00117	.00233	-.00052	-.00111	-.00120	.00606	.00250
#3	.00148	.00186	-.00038	-.00201	-.00146	.02370	-.00017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00000	-.00062	.00003	.00031	-.00048	-.00133
Stddev	.00003	.00004	.01875	.00022	.00010	.00037	.00167
%RSD	83.231	1014.3	3014.7	866.06	31.772	76.576	125.74

#1	.00000	-.00003	.00484	.00018	.00042	-.00065	-.00034
#2	.00004	.00005	-.02149	-.00022	.00029	-.00073	-.00039
#3	.00006	-.00000	.01478	.00012	.00022	-.00006	-.00326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.04853	.00052	-.00067	.03925	.00001	-.00039
Stddev	.00004	.04961	.00040	.00066	.00816	.00018	.00007
%RSD	46.687	102.23	76.158	98.540	20.801	1234.7	18.702

#1	.00004	.06736	.00019	-.00093	.03073	.00022	-.00032
#2	.00013	.08597	.00096	-.00115	.04700	-.00006	-.00039
#3	.00010	-.00774	.00041	.00008	.04001	-.00011	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08050	-.00009	.00827	F -.03181	-.00234	.00034	-.00385
Stddev	.04086	.00016	.00644	.01373	.00101	.00065	.00196
%RSD	50.755	183.71	77.872	43.172	43.151	192.07	50.928

#1	.11529	.00008	.01567	-.04615	-.00266	-.00027	-.00368
#2	.09069	-.00010	.00399	-.03051	-.00315	.00102	-.00588
#3	.03551	-.00025	.00513	-.01877	-.00121	.00027	-.00198

Sample Name: CCB04 Acquired: 2/12/2019 15:58:20 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00041	.0008	.00032	F 1.9770	F 5.3844
Stddev	.00219	.0009	.00017	.0294	2.0519
%RSD	539.09	105.9	52.407	1.4851	38.109
#1	-.00064	.0018	.00048	1.9439	4.2684
#2	-.00247	.0002	.00034	1.9872	4.1322
#3	.00189	.0005	.00014	1.9999	7.7524
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.7	37509.	3867.6	16.439	3540.3
Stddev	1.8	7.	29.0	2.131	2.9
%RSD	.06033	.01873	.74972	12.960	.08291
#1	2961.6	37517.	3861.6	16.130	3538.0
#2	2960.0	37503.	3842.1	18.707	3543.6
#3	2963.6	37508.	3899.2	14.480	3539.2

Sample Name: PB117057TB Acquired: 2/12/2019 16:02:49 Type: Unk
Method: P4-ICP2(v2843) 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	-.00279	-.00277	.00198	-.00081	.00214	-.00515	-.01520
Stddev	.00182	.00179	.00075	.00348	.00250	.00392	.00388
%RSD	65.225	64.377	38.155	430.11	116.87	76.054	25.503

#1	-.00358	-.00177	.00261	.00318	-.00011	-.00899	-.01455
#2	-.00071	-.00171	.00218	-.00238	.00484	-.00116	-.01935
#3	-.00409	-.00484	.00114	-.00323	.00170	-.00529	-.01168

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00015	-.00112	.00075	.00005	-.00027	-.00128
Stddev	.00005	.00012	.00740	.00010	.00007	.00017	.00085
%RSD	155.13	83.380	659.99	12.831	148.35	63.796	65.858

#1	.00000	-.00023	-.00316	.00076	.00003	-.00046	-.00088
#2	-.00008	-.00001	.00708	.00084	.00013	-.00012	-.00072
#3	-.00001	-.00021	-.00729	.00065	-.00001	-.00022	-.00226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.06310	.00342	.00268	F 366.06	-.00029	.00128
Stddev	.00003	.02692	.00035	.00044	2.69	.00033	.00035
%RSD	6.9935	42.665	10.364	16.468	.73412	113.23	27.307

#1	.00040	.08709	.00346	.00222	368.30	-.00004	.00168
#2	.00046	.06824	.00375	.00271	363.08	-.00017	.00101
#3	.00046	.03398	.00304	.00310	366.79	-.00066	.00116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20209	-.00011	.00638	F -.02442	.00024	.00131	-.00291
Stddev	.04482	.00012	.00472	.02689	.00257	.00064	.00236
%RSD	22.180	106.98	73.981	110.14	1091.4	48.608	81.127

#1	.15068	.00001	.00736	.00630	-.00044	.00205	-.00063
#2	.23297	-.00012	.00125	-.03582	-.00193	.00087	-.00276
#3	.22263	-.00023	.01053	-.04373	.00308	.00103	-.00535

Sample Name: PB117057TB Acquired: 2/12/2019 16:02:49 Type: Unk
Method: P4-ICP2(v2843) 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	-0.00215	-0.0000	0.00013	3.7869	17.037
Stddev	0.00038	0.0011	0.00003	0.0454	2.107
%RSD	17.766	4581.	26.388	1.1994	12.367

#1	-0.00175	0.0004	0.00017	3.7696	18.786
#2	-0.00251	0.0008	0.00010	3.8384	14.698
#3	-0.00217	-0.0013	0.00012	3.7526	17.628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.5	34717.	3904.3	14.760	3094.2
Stddev	19.6	37.	19.0	0.753	23.4
%RSD	0.70422	0.10611	0.48610	5.1027	0.75563

#1	2759.3	34759.	3882.3	15.364	3075.2
#2	2775.1	34691.	3914.9	15.000	3087.1
#3	2798.2	34700.	3915.5	13.916	3120.3

Sample Name: K1414-01 Acquired: 2/12/2019 16:07:26 Type: Unk
Method: P4-ICP2(v2843) 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	.00170	.00044	-.00046	-.00321	-.00053	.03444	-.00643	.00007
Stddev	.00194	.00075	.00049	.00339	.00146	.00693	.00668	.00006
%RSD	114.56	169.57	106.77	105.86	275.00	20.129	103.94	91.008

#1	.00196	.00081	-.00008	-.00380	-.00193	.02855	.00070	.00013
#2	-.00037	.00094	-.00028	-.00626	.00098	.03269	-.00744	.00003
#3	.00349	-.00042	-.00101	.00045	-.00063	.04208	-.01254	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.13987	.00873	.00042	.00143	.15331	.00288	.10503
Stddev	.00006	.00488	.00038	.00009	.00064	.00043	.00002	.02164
%RSD	81.995	3.4914	4.3490	21.276	44.848	.28316	.64769	20.599

#1	.00006	.13848	.00916	.00034	.00133	.15285	.00286	.09028
#2	.00013	.14529	.00844	.00040	.00084	.15338	.00287	.12987
#3	.00002	.13582	.00858	.00052	.00211	.15371	.00290	.09495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00718	-.00029	.07177	.00017	.07624	.08492	-.00021	.01117
Stddev	.00026	.00012	.00509	.00041	.00005	.03199	.00011	.01366
%RSD	3.5844	41.474	7.0891	246.97	.06475	37.674	51.818	122.21

#1	.00703	-.00026	.06677	.00026	.07625	.04874	-.00010	.00714
#2	.00704	-.00042	.07694	.00052	.07619	.10948	-.00021	-.00001
#3	.00748	-.00019	.07160	-.00028	.07628	.09653	-.00032	.02639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06213	.01281	.00036	-.00401	-.00434	.0031	.00043	1.1595
Stddev	.01655	.00103	.00039	.00082	.00198	.0012	.00009	.1345
%RSD	26.643	8.0387	107.80	20.467	45.472	37.12	20.212	11.604

#1	-.07992	.01189	-.00009	-.00485	-.00594	.0020	.00052	1.3095
#2	-.05930	.01392	.00054	-.00321	-.00495	.0030	.00036	1.1193
#3	-.04718	.01263	.00062	-.00397	-.00214	.0043	.00040	1.0496

Sample Name: K1414-01 Acquired: 2/12/2019 16:07:26 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3428
 Stddev 4.0328
 %RSD 300.33

#1 2.5541
 #2 -3.1568
 #3 4.6311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.6	38905.	3987.0	15.793	3663.9
Stddev	3.8	74.	8.6	1.090	7.4
%RSD	.12562	.19049	.21570	6.8983	.20085

#1	3036.8	38822.	3983.3	17.043	3661.2
#2	3038.1	38930.	3980.8	15.045	3658.3
#3	3043.9	38964.	3996.8	15.291	3672.3

Sample Name: K1414-01DUP Acquired: 2/12/2019 16:11:53 Type: Unk
Method: P4-ICP2(v2843) 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	.00030	-.00048	-.00168	.00035	.03656	-.00787	.00004
Stddev	.00248	.00045	.00024	.00170	.00075	.00826	.00180	.00005
%RSD	187.77	149.24	49.768	101.06	212.02	22.592	22.887	111.88

#1	.00090	.00067	-.00036	-.00091	-.00029	.04494	-.00995	.00008
#2	-.00399	-.00020	-.00075	-.00363	.00017	.02842	-.00675	.00006
#3	-.00086	.00044	-.00032	-.00050	.00118	.03631	-.00691	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.12607	.00906	.00028	.00202	.14279	.00267	.11220
Stddev	.00004	.00929	.00028	.00008	.00035	.00189	.00007	.03999
%RSD	66.015	7.3695	3.1041	27.578	17.261	1.3206	2.5070	35.638

#1	.00010	.11802	.00936	.00020	.00200	.14452	.00263	.14984
#2	.00008	.12395	.00881	.00035	.00238	.14078	.00262	.07022
#3	.00002	.13624	.00902	.00031	.00168	.14308	.00274	.11655

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	-.00016	.02811	-.00026	.06405	.10921	-.00001	.00482
Stddev	.00043	.00070	.01026	.00009	.00013	.01933	.00011	.00310
%RSD	6.8149	445.84	36.514	35.017	.20412	17.697	778.77	64.260

#1	.00646	-.00063	.03245	-.00019	.06414	.08706	.00010	.00526
#2	.00589	-.00049	.01639	-.00036	.06410	.11790	-.00002	.00768
#3	.00675	.00065	.03549	-.00022	.06390	.12266	-.00012	.00153

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05157	.01054	-.00092	-.00431	-.00473	.0029	.00040	1.2219
Stddev	.02340	.00028	.00061	.00320	.00224	.0006	.00007	.1157
%RSD	45.383	2.6543	65.695	74.301	47.377	20.06	17.922	9.4694

#1	-.02577	.01061	-.00063	-.00700	-.00724	.0027	.00032	1.3372
#2	-.05751	.01024	-.00162	-.00077	-.00403	.0025	.00047	1.1058
#3	-.07143	.01078	-.00052	-.00516	-.00293	.0036	.00040	1.2227

Sample Name: K1414-01DUP Acquired: 2/12/2019 16:11:53 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.5862
%RSD 13440.

#1 1.8168
#2 1.1024
#3 -2.9769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.1	39005.	4068.3	16.673	3678.8
Stddev	9.4	40.	19.6	.857	4.9
%RSD	.30738	.10149	.48072	5.1411	.13207

#1	3056.9	39038.	4046.7	15.716	3676.2
#2	3060.7	38961.	4073.5	16.932	3675.7
#3	3074.8	39016.	4084.7	17.370	3684.4

Sample Name: K1414-01LX5 Acquired: 2/12/2019 16:16:19 Type: Unk
Method: P4-ICP2(v2843) 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	.00104	.00007	-.00012	-.00190	.00055	.00727	-.00136	.00003
Stddev	.00235	.00229	.00063	.00287	.00124	.00850	.00284	.00006
%RSD	227.19	3324.8	518.82	150.80	226.87	116.93	208.81	234.82

#1	.00180	.00068	.00061	-.00449	-.00068	.00071	.00026	.00008
#2	.00291	-.00246	-.00050	.00119	.00179	.01686	.00030	-.00004
#3	-.00161	.00199	-.00047	-.00241	.00053	.00422	-.00464	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02415	.00205	.00003	-.00024	.02729	.00056	.03286
Stddev	.00006	.00775	.00022	.00019	.00034	.00101	.00006	.04515
%RSD	133.44	32.079	10.633	609.49	141.68	3.7041	10.016	137.40

#1	-.00002	.01746	.00214	.00019	-.00020	.02801	.00051	-.01151
#2	.00011	.02235	.00221	-.00017	-.00059	.02773	.00062	.03134
#3	.00006	.03263	.00180	.00008	.00008	.02614	.00054	.07876

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	-.00017	.03521	-.00011	.01458	.07950	-.00044	.00194
Stddev	.00008	.00042	.00942	.00044	.00004	.02569	.00020	.00505
%RSD	5.4890	247.81	26.752	385.74	.27122	32.313	44.844	260.81

#1	.00161	-.00038	.04325	.00006	.01453	.05582	-.00032	-.00295
#2	.00150	.00031	.02485	.00021	.01460	.10681	-.00034	.00163
#3	.00145	-.00044	.03752	-.00061	.01460	.07586	-.00067	.00714

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03813	-.00046	-.00015	-.00247	-.00196	.0001	.00011	2.2648
Stddev	.01357	.00199	.00110	.00123	.00134	.0001	.00004	.2464
%RSD	35.580	433.89	756.80	49.754	68.214	274.0	39.341	10.877

#1	-.05372	-.00196	-.00119	-.00376	-.00243	.0002	.00012	1.9853
#2	-.02898	-.00122	-.00025	-.00131	-.00301	.0001	.00007	2.4502
#3	-.03170	.00180	.00100	-.00233	-.00045	-.0001	.00015	2.3590

Sample Name: K1414-01LX5 Acquired: 2/12/2019 16:16:19 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3588
Stddev	2.7355
%RSD	81.445

#1	4.8246
#2	5.0490
#3	.20269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.9	37142.	3854.0	14.521	3510.4
Stddev	10.6	90.	12.4	1.547	10.4
%RSD	.35973	.24273	.32145	10.651	.29676

#1	2923.0	37245.	3845.2	12.982	3499.3
#2	2931.7	37080.	3868.1	14.507	3511.9
#3	2944.0	37101.	3848.6	16.075	3520.0

Sample Name: K1414-01MS Acquired: 2/12/2019 16:20:46 Type: Unk
Method: P4-ICP2(v2843) 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	.74530	1.9379	.91308	1.9080	.76785	1.9273	.19540
Stddev	.00056	.0055	.00166	.0071	.00147	.0089	.00384
%RSD	.07552	.28574	.18219	.37069	.19131	.46234	1.9671

#1	.74478	1.9430	.91500	1.9145	.76953	1.9331	.19216
#2	.74590	1.9320	.91207	1.9092	.76716	1.9170	.19965
#3	.74522	1.9388	.91217	1.9004	.76684	1.9317	.19440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18619	.18086	1.0819	.39670	.18417	.30612	3.1184
Stddev	.00093	.00019	.0153	.00141	.00041	.00027	.0359
%RSD	.50093	.10571	1.4092	.35603	.22104	.08706	1.1512

#1	.18517	.18089	1.0660	.39830	.18383	.30642	3.0796
#2	.18638	.18065	1.0833	.39618	.18405	.30604	3.1503
#3	.18701	.18103	1.0964	.39562	.18462	.30591	3.1255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20003	2.0750	.47393	.06885	2.9763	.29401	.21813
Stddev	.00058	.0098	.00026	.00081	.0175	.00087	.00045
%RSD	.28945	.47236	.05567	1.1806	.58655	.29506	.20785

#1	.19936	2.0859	.47381	.06979	2.9593	.29488	.21850
#2	.20033	2.0720	.47424	.06841	2.9941	.29400	.21826
#3	.20040	2.0670	.47375	.06836	2.9754	.29315	.21762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7813	.39293	.29196	-.04200	.92864	.65758	.19383
Stddev	.0635	.00021	.00883	.01519	.01489	.00091	.00212
%RSD	.64866	.05354	3.0259	36.163	1.6039	.13773	1.0936

#1	9.7185	.39313	.30211	-.02612	.91367	.65805	.19239
#2	9.8454	.39296	.28599	-.05639	.92877	.65653	.19284
#3	9.7799	.39271	.28777	-.04349	.94346	.65814	.19627

Sample Name: K1414-01MS Acquired: 2/12/2019 16:20:46 Type: Unk
Method: P4-ICP2(v2843) 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	.19598	5.245	.18961	2.1569	F<.00000
Stddev	.00062	.005	.00061	.2281	2.4642
%RSD	.31451	.0874	.32149	10.574	5.3239
#1	.19587	5.243	.18899	2.2886	-48.389
#2	.19543	5.242	.19020	2.2886	-46.892
#3	.19665	5.250	.18964	1.8936	-43.574
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.1	37552.	3910.0	15.963	3520.0
Stddev	4.7	39.	47.9	.321	8.8
%RSD	.16038	.10407	1.2263	2.0087	.25007
#1	2955.6	37520.	3957.1	15.618	3529.0
#2	2951.5	37542.	3861.3	16.252	3511.4
#3	2961.0	37596.	3911.7	16.018	3519.6

Sample Name: K1414-01MSD Acquired: 2/12/2019 16:24:52 Type: Unk
Method: P4-ICP2(v2843) 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	.74399	1.9287	.90953	1.9059	.76434	1.9590	.21014
Stddev	.00292	.0041	.00221	.0058	.00048	.0403	.02601
%RSD	.39202	.21409	.24289	.30508	.06271	2.0546	12.376

#1	.74345	1.9298	.90798	1.9021	.76406	1.9449	.19280
#2	.74715	1.9242	.90856	1.9029	.76407	1.9277	.19756
#3	.74139	1.9322	.91206	1.9125	.76489	2.0044	.24004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18567	.18058	1.1243	.39495	.18366	.30537	3.1902
Stddev	.00081	.00012	.0841	.00033	.00072	.00091	.1807
%RSD	.43580	.06651	7.4794	.08274	.39190	.29701	5.6648

#1	.18475	.18065	1.0811	.39473	.18300	.30478	3.0835
#2	.18599	.18044	1.0706	.39479	.18443	.30490	3.0882
#3	.18627	.18064	1.2213	.39533	.18355	.30641	3.3988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19873	2.1678	.47007	.06849	3.0752	.29219	.21866
Stddev	.00110	.1837	.00045	.00067	.1978	.00171	.00067
%RSD	.55372	8.4734	.09574	.97662	6.4328	.58671	.30794

#1	.19746	2.1081	.47054	.06848	2.9529	.29043	.21823
#2	.19929	2.0215	.46964	.06783	2.9693	.29385	.21832
#3	.19943	2.3740	.47004	.06917	3.3035	.29230	.21944

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.080	.39285	.31451	-.06186	.94772	.65432	.19872
Stddev	.533	.00068	.02494	.01740	.05495	.00140	.01458
%RSD	5.2883	.17390	7.9308	28.134	5.7978	.21387	7.3385

#1	9.8107	.39336	.29565	-.04629	.91486	.65553	.19191
#2	9.7359	.39207	.30508	-.05864	.91715	.65466	.18880
#3	10.694	.39311	.34279	-.08065	1.0112	.65279	.21547

Sample Name: K1414-01MSD Acquired: 2/12/2019 16:24:52 Type: Unk
Method: P4-ICP2(v2843) 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	.20435	5.226	.19719	2.2299	F<.00000
Stddev	.01449	.006	.01317	.0912	2.3195
%RSD	7.0932	.1201	6.6804	4.0924	5.0897

#1	.19581	5.226	.18939	2.3346	-43.010
#2	.19615	5.232	.18979	2.1876	-47.530
#3	.22109	5.220	.21240	2.1674	-46.176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.3	37601.	3799.0	15.746	3515.4
Stddev	4.9	101.	202.3	1.605	7.7
%RSD	.16561	.26946	5.3253	10.194	.21847

#1	2951.0	37714.	3926.9	16.011	3518.4
#2	2942.6	37516.	3904.4	17.202	3506.6
#3	2951.1	37574.	3565.8	14.025	3521.0

Sample Name: K1414-01A Acquired: 2/12/2019 16:28:59 Type: Unk
Method: P4-ICP2(v2843) 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	.73460	1.9094	.90030	1.8877	.75772	1.9458	.19238
Stddev	.00294	.0057	.00338	.0053	.00306	.0040	.00567
%RSD	.40018	.30094	.37506	.27887	.40446	.20529	2.9490

#1	.73198	1.9069	.89733	1.8817	.75652	1.9496	.19577
#2	.73778	1.9160	.90397	1.8901	.75543	1.9462	.18583
#3	.73405	1.9053	.89959	1.8914	.76120	1.9417	.19554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18345	.17834	1.0851	.38947	.18131	.30248	3.0274
Stddev	.00020	.00005	.0199	.00281	.00049	.00167	.0145
%RSD	.10789	.02767	1.8292	.72030	.27039	.55349	.47853

#1	.18333	.17828	1.0680	.39168	.18091	.30231	3.0375
#2	.18368	.17837	1.0805	.39041	.18116	.30423	3.0108
#3	.18334	.17836	1.1069	.38632	.18186	.30090	3.0340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19665	2.0333	.46538	.06849	2.9244	.29013	.21779
Stddev	.00031	.0569	.00114	.00028	.0151	.00048	.00027
%RSD	.15677	2.7993	.24586	.40479	.51754	.16710	.12285

#1	.19686	1.9750	.46425	.06881	2.9418	.28989	.21787
#2	.19629	2.0887	.46535	.06835	2.9172	.29068	.21800
#3	.19680	2.0364	.46654	.06831	2.9143	.28980	.21749

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6674	.38673	.28976	-.05304	.89481	.64814	.19056
Stddev	.0273	.00090	.01469	.00703	.00460	.00399	.00267
%RSD	.28201	.23323	5.0703	13.263	.51395	.61623	1.4017

#1	9.6796	.38777	.30439	-.04808	.89641	.64357	.19267
#2	9.6362	.38628	.27501	-.04994	.89839	.64991	.19146
#3	9.6864	.38614	.28987	-.06109	.88963	.65095	.18756

Sample Name: K1414-01A Acquired: 2/12/2019 16:28:59 Type: Unk
 Method: P4-ICP2(v2843) 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	.19183	5.185	.18754	2.1491	F<.00000
Stddev	.00231	.009	.00085	.0952	.67753
%RSD	1.2031	.1795	.45107	4.4298	1.4622

#1	.19375	5.192	.18832	2.2589	-46.269
#2	.18927	5.188	.18664	2.0987	-47.045
#3	.19247	5.174	.18764	2.0897	-45.695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.6	37679.	3971.3	15.283	3541.6
Stddev	14.6	38.	29.8	.426	13.6
%RSD	.49056	.09982	.75093	2.7882	.38292

#1	2966.0	37668.	3955.7	15.170	3529.8
#2	2968.3	37721.	4005.7	15.755	3538.6
#3	2992.4	37648.	3952.6	14.925	3556.4

Sample Name: K1415-01 Acquired: 2/12/2019 16:33:05 Type: Unk
Method: P4-ICP2(v2843) 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	-.00115	-.00303	.05667	-.00003	-.00115	1.5101	.05591
Stddev	.00214	.00020	.00075	.00210	.00047	.0101	.00069
%RSD	186.51	6.5343	1.3207	8117.5	40.615	.66906	1.2320

#1	-.00285	-.00321	.05632	.00134	-.00165	1.4985	.05598
#2	-.00184	-.00305	.05753	-.00245	-.00109	1.5166	.05655
#3	.00125	-.00282	.05616	.00103	-.00072	1.5153	.05518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00026	66.078	.00594	.00264	.03835	11.423
Stddev	.00004	.00004	.457	.00009	.00020	.00029	.093
%RSD	38.158	13.975	.69225	1.5642	7.4763	.74970	.81510

#1	.00014	-.00027	66.511	.00583	.00268	.03811	11.517
#2	.00006	-.00022	66.122	.00597	.00242	.03867	11.331
#3	.00011	-.00029	65.599	.00601	.00281	.03826	11.422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31424	5.6157	.01182	-.00118	311.47	.00394	.78654
Stddev	.00012	.0264	.00015	.00015	2.81	.00008	.00105
%RSD	.03918	.47072	1.2316	13.118	.90312	1.9220	.13287

#1	.31413	5.6115	.01182	-.00116	314.37	.00392	.78693
#2	.31437	5.5917	.01167	-.00104	308.75	.00402	.78734
#3	.31424	5.6440	.01196	-.00135	311.28	.00388	.78536

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0851	.00332	.05435	4.0025	6.2659	.00357	.05717
Stddev	.0217	.00037	.00711	.0158	.0319	.00027	.00345
%RSD	.42647	11.235	13.091	.39581	.50878	7.5075	6.0364

#1	5.0799	.00328	.05259	4.0138	6.3010	.00383	.05560
#2	5.0666	.00372	.06218	3.9844	6.2580	.00358	.06112
#3	5.1090	.00298	.04828	4.0092	6.2388	.00329	.05477

Sample Name: K1415-01 Acquired: 2/12/2019 16:33:05 Type: Unk
 Method: P4-ICP2(v2843) 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	.01201	1.090	.24169	3.3562	F<.00000
Stddev	.00030	.002	.00212	.1507	2.5391
%RSD	2.4715	.2046	.87736	4.4898	4.2721
#1	.01169	1.093	.24413	3.3636	-61.347
#2	.01226	1.089	.24030	3.2020	-56.553
#3	.01209	1.090	.24063	3.5031	-60.401
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.1	35324.	3987.1	15.192	3045.7
Stddev	5.3	52.	27.1	.291	6.0
%RSD	.18820	.14827	.67962	1.9179	.19595
#1	2795.8	35264.	3956.4	15.400	3052.3
#2	2785.5	35361.	4007.7	15.316	3040.6
#3	2789.0	35347.	3997.2	14.859	3044.3

Sample Name: K1415-02 Acquired: 2/12/2019 16:37:34 Type: Unk
Method: P4-ICP2(v2843) 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	-.00387	-.00111	.07651	-.00179	-.00047	1.8483	.07418
Stddev	.00226	.00184	.00114	.00214	.00066	.0045	.00385
%RSD	58.238	166.01	1.4889	119.05	139.58	.24543	5.1968

#1	-.00647	-.00318	.07752	-.00418	.00029	1.8478	.07107
#2	-.00242	.00033	.07527	-.00006	-.00089	1.8440	.07297
#3	-.00273	-.00047	.07672	-.00115	-.00081	1.8530	.07849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00011	69.837	.00934	.00270	.04859	12.421
Stddev	.00002	.00004	.417	.00035	.00006	.00034	.059
%RSD	19.615	33.162	.59777	3.7417	2.3217	.69731	.47437

#1	.00010	-.00015	69.357	.00968	.00263	.04898	12.368
#2	.00009	-.00010	70.114	.00899	.00273	.04839	12.411
#3	.00013	-.00008	70.039	.00934	.00274	.04840	12.485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33968	6.4035	.01054	-.00065	328.71	.00508	.74471
Stddev	.00092	.0246	.00021	.00043	3.49	.00023	.00132
%RSD	.27143	.38404	1.9501	66.036	1.0627	4.6167	.17763

#1	.34070	6.3788	.01064	-.00115	326.34	.00499	.74575
#2	.33892	6.4038	.01030	-.00034	332.72	.00535	.74516
#3	.33942	6.4280	.01066	-.00048	327.06	.00490	.74322

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3843	.00385	.04604	4.6392	6.7143	.00241	.07124
Stddev	.0191	.00016	.00296	.0401	.0542	.00025	.00164
%RSD	.35414	4.0400	6.4286	.86550	.80772	10.455	2.3086

#1	5.4037	.00400	.04631	4.6528	6.6536	.00250	.06957
#2	5.3834	.00386	.04886	4.6708	6.7311	.00260	.07129
#3	5.3656	.00369	.04296	4.5940	6.7581	.00212	.07286

Sample Name: K1415-02 Acquired: 2/12/2019 16:37:34 Type: Unk
 Method: P4-ICP2(v2843) 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	.01156	1.296	.25332	3.4966	F<.00000
Stddev	.00046	.003	.00053	.0502	2.7518
%RSD	3.9748	.2489	.21054	1.4346	3.8938
#1	.01118	1.300	.25281	3.5538	-69.410
#2	.01142	1.293	.25328	3.4761	-68.776
#3	.01207	1.296	.25387	3.4600	-73.827
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.1	34780.	3959.8	15.118	3003.7
Stddev	3.9	123.	22.7	.469	5.0
%RSD	.14362	.35410	.57308	3.0999	.16488
#1	2745.0	34644.	3981.5	15.471	3001.4
#2	2744.7	34884.	3961.8	15.297	3000.2
#3	2751.7	34812.	3936.2	14.586	3009.3

Sample Name: K1421-06 Acquired: 2/12/2019 16:42:04 Type: Unk
Method: P4-ICP2(v2843) 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	-.00005	-.00322	.03115	-.00156	.00243	1.1162	.14900	.00013
Stddev	.00277	.00044	.00032	.00173	.00107	.0068	.00429	.00004
%RSD	5557.9	13.619	1.0296	110.88	44.139	.61248	2.8781	30.011
#1	-.00193	-.00349	.03149	-.00131	.00174	1.1173	.14547	.00012
#2	.00313	-.00346	.03085	-.00341	.00367	1.1088	.14775	.00017
#3	-.00135	-.00271	.03111	.00003	.00189	1.1224	.15377	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	122.61	.00923	.00157	.07296	2.3229	.14417	7.8940
Stddev	.00004	.51	.00042	.00037	.00034	.0292	.00110	.0349
%RSD	5.0736	.41290	4.5742	23.433	.46220	1.2579	.76355	.44219
#1	.00072	122.02	.00937	.00127	.07325	2.3520	.14544	7.8537
#2	.00066	122.86	.00875	.00199	.07259	2.2936	.14350	7.9152
#3	.00073	122.94	.00956	.00146	.07304	2.3231	.14357	7.9131
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01357	-.00017	1552.1	.00374	.74795	13.336	.00463	.28065
Stddev	.00034	.00037	7.1	.00055	.00341	.128	.00015	.00690
%RSD	2.4921	220.52	.45710	14.587	.45639	.95812	3.3177	2.4596
#1	.01326	-.00042	1558.1	.00384	.75188	13.193	.00449	.28438
#2	.01351	.00026	1553.9	.00422	.74626	13.374	.00479	.27268
#3	.01393	-.00034	1544.3	.00315	.74570	13.440	.00461	.28488
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.486	2.0582	.00262	.04637	.07842	.5263	1.4514	5.1647
Stddev	.025	.0318	.00077	.00320	.00148	.0035	.0044	.0752
%RSD	.21845	1.5471	29.175	6.8995	1.8925	.6591	.30176	1.4570
#1	11.463	2.0916	.00349	.04273	.07712	.5297	1.4473	5.1307
#2	11.513	2.0282	.00234	.04871	.07810	.5228	1.4508	5.2510
#3	11.482	2.0547	.00205	.04767	.08004	.5263	1.4560	5.1125

Sample Name: K1421-06 Acquired: 2/12/2019 16:42:04 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	41.162
Stddev	2.135
%RSD	5.1876

#1	43.253
#2	38.985
#3	41.247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2653.9	32268.	3951.2	15.624	2722.0
Stddev	16.9	117.	7.8	1.350	17.5
%RSD	.63806	.36262	.19693	8.6408	.64336

#1	2635.0	32176.	3942.3	15.155	2701.9
#2	2659.0	32228.	3956.9	17.146	2729.5
#3	2667.7	32400.	3954.4	14.571	2734.4

Sample Name: CCV05 Acquired: 2/12/2019 16:46:33 Type: Unk
Method: P4-ICP2(v2843) 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	5.2268	5.2947	5.1191	5.3413	5.2785	10.937	10.673	.25540	2.5662
Stddev	.0132	.0115	.0061	.0082	.0043	.108	.468	.00075	.0052
%RSD	.25152	.21666	.11889	.15322	.08183	.98847	4.3884	.29409	.20336
#1	5.2415	5.2815	5.1122	5.3424	5.2835	10.910	11.210	.25527	2.5602
#2	5.2225	5.3009	5.1237	5.3326	5.2767	11.056	10.347	.25472	2.5697
#3	5.2163	5.3017	5.1214	5.3488	5.2754	10.844	10.463	.25620	2.5686
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.964	1.0503	2.5728	1.3223	5.0280	2.5857	25.649	2.6171	1.3117
Stddev	1.014	.0025	.0063	.0027	.2115	.0077	.894	.0060	.0015
%RSD	3.7619	.23969	.24355	.20017	4.2056	.29796	3.4846	.23122	.11471
#1	28.135	1.0489	2.5656	1.3204	5.2655	2.5862	26.674	2.6101	1.3127
#2	26.347	1.0489	2.5762	1.3254	4.8600	2.5778	25.031	2.6200	1.3100
#3	26.410	1.0532	2.5766	1.3213	4.9586	2.5932	25.242	2.6211	1.3124
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	26.376	2.6343	2.5532	26.273	5.1941	5.2564	5.3802	5.0535	5.2052
Stddev	1.186	.0049	.0037	1.096	.0100	.1538	.0652	.1989	.0017
%RSD	4.4960	.18559	.14419	4.1710	.19255	2.9250	1.2112	3.9366	.03194
#1	27.729	2.6343	2.5494	27.534	5.1908	5.4289	5.3401	5.2797	5.2039
#2	25.515	2.6294	2.5567	25.559	5.2054	5.1339	5.4554	4.9057	5.2046
#3	25.885	2.6392	2.5535	25.724	5.1862	5.2064	5.3451	4.9753	5.2071
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.3044	5.3305	5.332	5.3573	3.5308	1.3089			
Stddev	.1829	.2313	.011	.2321	.1237	1.8337			
%RSD	3.4489	4.3384	.2139	4.3327	3.5031	140.10			
#1	5.5137	5.5958	5.328	5.6241	3.5501	3.1948			
#2	5.1751	5.1715	5.323	5.2016	3.6437	-.46775			
#3	5.2243	5.2241	5.345	5.2463	3.3986	1.1996			

Sample Name: CCV05 Acquired: 2/12/2019 16:46:33 Type: Unk
Method: P4-ICP2(v2843) 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	2829.1	35732.	3908.5	14.225	3141.7
Stddev	8.6	79.	172.3	2.077	7.2
%RSD	.30459	.22114	4.4077	14.605	.22821
#1	2827.2	35652.	3710.7	11.908	3139.8
#2	2821.6	35733.	4025.8	14.845	3135.7
#3	2838.5	35810.	3989.0	15.921	3149.7

Sample Name: CCB05 Acquired: 2/12/2019 16:50:32 Type: Unk
Method: P4-ICP2(v2843) 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	.00010	-.00006	-.00150	-.00095	.00045	.00350	-.01312	.00003
Stddev	.00207	.00117	.00105	.00175	.00196	.00949	.00241	.00006
%RSD	2007.7	2080.7	70.406	185.00	435.31	270.81	18.365	212.29

#1	-.00092	.00119	-.00158	-.00144	.00072	.01230	-.01485	.00010
#2	.00249	-.00114	-.00041	-.00241	.00226	.00476	-.01414	.00001
#3	-.00126	-.00022	-.00251	.00100	-.00163	-.00655	-.01037	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01265	-.00007	.00020	-.00023	-.00550	-.00001	.02803
Stddev	.00008	.01275	.00019	.00022	.00038	.00166	.00002	.04160
%RSD	91.617	100.79	275.96	109.00	164.58	30.198	355.81	148.39

#1	.00013	-.00431	.00015	.00038	.00006	-.00673	-.00000	-.01605
#2	.00015	-.00631	-.00014	.00028	-.00067	-.00616	-.00003	.06659
#3	-.00000	-.02732	-.00020	-.00005	-.00009	-.00361	.00002	.03355

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00043	.14971	-.00053	-.00037	.23063	-.00007	.01124
Stddev	.00005	.00025	.00462	.00048	.00005	.04395	.00015	.00445
%RSD	8.3799	58.124	3.0874	89.526	12.060	19.058	211.97	39.581

#1	.00069	-.00027	.15440	-.00037	-.00035	.27889	.00010	.00619
#2	.00067	-.00031	.14516	-.00016	-.00043	.19288	-.00012	.01459
#3	.00059	-.00072	.14956	-.00107	-.00034	.22014	-.00019	.01293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03779	-.00132	-.00020	-.00295	-.00076	.0015	.00019	1.9074
Stddev	.01656	.00285	.00086	.00192	.00033	.0010	.00002	.0722
%RSD	43.821	215.51	434.37	65.014	43.095	65.23	10.641	3.7854

#1	-.03676	-.00459	.00045	-.00452	-.00045	.0026	.00019	1.9860
#2	-.02177	-.00008	.00013	-.00081	-.00072	.0009	.00021	1.8922
#3	-.05484	.00070	-.00118	-.00352	-.00110	.0010	.00017	1.8441

Sample Name: CCB05 Acquired: 2/12/2019 16:50:32 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7234
 Stddev .2807
 %RSD 16.284

#1 2.0181
 #2 1.6930
 #3 1.4593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.6	38005.	4039.4	15.827	3584.0
Stddev	9.6	107.	26.8	.804	6.5
%RSD	.32107	.28077	.66329	5.0822	.18112

#1	2991.6	38042.	4068.9	15.166	3580.7
#2	2982.1	37884.	4032.9	16.723	3579.7
#3	3001.3	38087.	4016.5	15.593	3591.4

Sample Name: K1441-01 Acquired: 2/12/2019 16:55:01 Type: Unk
Method: P4-ICP2(v2843) 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	-.00847	-.02931	.01836	-.00036	-.02100	.46957	.01292	.00021
Stddev	.00485	.00105	.00189	.00335	.00191	.03066	.00345	.00005
%RSD	57.264	3.5683	10.309	922.67	9.0713	6.5298	26.728	23.581

#1	-.00704	-.02812	.01666	.00222	-.02282	.43429	.01035	.00018
#2	-.00449	-.03005	.01801	-.00415	-.01902	.48979	.01157	.00019
#3	-.01388	-.02976	.02040	.00084	-.02118	.48464	.01685	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	38.295	.27165	.00463	.31881	1.0102	.02809	10.373
Stddev	.00008	.080	.00072	.00022	.00084	.0168	.00004	.076
%RSD	6.1079	.20974	.26481	4.8378	.26237	1.6585	.14717	.72922

#1	.00129	38.217	.27191	.00483	.31930	1.0099	.02807	10.382
#2	.00144	38.291	.27084	.00468	.31928	.99363	.02806	10.293
#3	.00143	38.378	.27220	.00439	.31784	1.0271	.02814	10.444

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10070	-.00124	^ *****	.00194	.33138	20.166	.04964	1.1821
Stddev	.00095	.00062	-----	.00051	.00113	.362	.00067	.0104
%RSD	.93845	50.080	-----	26.371	.34179	1.7971	1.3454	.88440

#1	.09961	-.00189	^ -----	.00247	.33009	19.751	.04904	1.1714
#2	.10132	-.00117	^ -----	.00189	.33220	20.332	.05036	1.1923
#3	.10116	-.00065	^ -----	.00145	.33184	20.416	.04951	1.1825

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.899	2.1250	.01389	.04556	.01668	F 570.8	.15192	9.7832
Stddev	.025	.0252	.00141	.00180	.00196	2.2	.00066	.0848
%RSD	.19130	1.1840	10.134	3.9413	11.755	.3800	.43515	.86631

#1	12.927	2.1187	.01228	.04373	.01893	568.4	.15135	9.8685
#2	12.884	2.1036	.01489	.04563	.01578	572.6	.15176	9.7821
#3	12.885	2.1527	.01451	.04731	.01533	571.6	.15264	9.6990

Sample Name: K1441-01 Acquired: 2/12/2019 16:55:01 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	42.426
Stddev	1.173
%RSD	2.7642

#1	41.248
#2	42.438
#3	43.593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.3	24491.	3651.4	12.944	1952.6
Stddev	5.4	92.	32.7	1.258	9.9
%RSD	.26204	.37727	.89615	9.7155	.50652

#1	2060.5	24390.	3641.2	12.432	1963.9
#2	2050.9	24512.	3688.0	12.023	1947.8
#3	2051.5	24571.	3624.9	14.376	1946.0

Sample Name: K1441-02 Acquired: 2/12/2019 16:59:26 Type: Unk
Method: P4-ICP2(v2843) 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	.00182	.00027	.01531	-.00132	.00024	.52932	.03365	.00010
Stddev	.00036	.00320	.00107	.00554	.00013	.00893	.01050	.00004
%RSD	19.974	1168.2	6.9885	421.33	52.483	1.6875	31.219	33.820
#1	.00159	-.00330	.01509	-.00596	.00010	.53683	.04149	.00010
#2	.00224	.00123	.01437	-.00281	.00029	.51944	.03773	.00007
#3	.00164	.00289	.01648	.00482	.00034	.53168	.02171	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	44.377	.00333	.00062	.22969	.89604	.03529	15.177
Stddev	.00005	2.898	.00028	.00011	.00124	.05260	.00074	.860
%RSD	36.715	6.5300	8.2905	17.983	.54189	5.8703	2.1000	5.6675
#1	-.00009	45.681	.00365	.00061	.22849	.93169	.03601	15.698
#2	-.00019	46.394	.00315	.00073	.22961	.92080	.03453	15.649
#3	-.00012	41.057	.00320	.00051	.23097	.83563	.03534	14.184
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00309	-.00070	80.062	.00146	.11339	5.8888	.00111	.05502
Stddev	.00011	.00041	5.039	.00040	.00051	.3037	.00021	.01107
%RSD	3.4709	59.583	6.2934	27.085	.45391	5.1575	18.658	20.124
#1	.00304	-.00111	83.014	.00173	.11366	6.0972	.00096	.05682
#2	.00302	-.00028	82.929	.00164	.11279	6.0289	.00135	.06508
#3	.00321	-.00069	74.244	.00101	.11371	5.5403	.00103	.04316
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.172	9.5588	-.00331	.00513	.00276	.8964	.19427	2.6819
Stddev	.046	.5056	.00105	.00143	.00237	.0189	.01181	.1452
%RSD	.23736	5.2897	31.749	27.983	85.798	2.111	6.0790	5.4126
#1	19.172	9.7772	-.00277	.00548	.00108	.9180	.20125	2.5440
#2	19.127	9.9186	-.00451	.00635	.00547	.8882	.20093	2.6682
#3	19.218	8.9807	-.00263	.00355	.00173	.8829	.18063	2.8334

Sample Name: K1441-02 Acquired: 2/12/2019 16:59:26 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.110
Stddev	2.863
%RSD	18.946

#1	18.004
#2	12.280
#3	15.047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.5	36615.	4204.5	15.777	3277.4
Stddev	4.2	382.	241.8	1.948	4.3
%RSD	.14799	1.0428	5.7520	12.349	.13154

#1	2850.1	36305.	4085.6	14.512	3273.0
#2	2847.6	37041.	4045.0	14.799	3281.6
#3	2841.9	36497.	4482.7	18.021	3277.7

Sample Name: K1451-01 Acquired: 2/12/2019 17:03:48 Type: Unk
Method: P4-ICP2(v2843) 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	.07169	-.04563	10.303	.00718	.00130	90.058	3.1016
Stddev	.00150	.00173	.016	.00163	.00044	.238	.0331
%RSD	2.0863	3.8014	.15217	22.747	33.514	.26373	1.0664

#1	.07009	-.04762	10.318	.00777	.00159	89.913	3.0787
#2	.07305	-.04477	10.286	.00844	.00153	89.930	3.0866
#3	.07192	-.04449	10.304	.00534	.00080	90.333	3.1395

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.02976	151.03	.32798	.07745	2.9673	177.54
Stddev	.00021	.00019	1.44	.00037	.00004	.0063	.99
%RSD	3.3877	.62544	.95644	.11179	.05380	.21342	.55885

#1	.00613	.02971	150.69	.32788	.07741	2.9745	176.64
#2	.00619	.02996	149.78	.32839	.07745	2.9623	177.37
#3	.00652	.02960	152.61	.32768	.07749	2.9653	178.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9226	58.843	.36373	-.01213	171.76	.25154	8.1415
Stddev	.0073	.502	.00150	.00037	1.39	.00060	.0119
%RSD	.24843	.85339	.41330	3.0247	.81088	.23820	.14600

#1	2.9259	58.489	.36206	-.01171	170.70	.25208	8.1462
#2	2.9277	58.622	.36419	-.01237	171.25	.25164	8.1280
#3	2.9143	59.418	.36496	-.01231	173.34	.25089	8.1504

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.207	.00998	.22036	F 76.333	F 74.231	.12154	2.5495
Stddev	.104	.00046	.01326	.067	.522	.00193	.0029
%RSD	.60599	4.6290	6.0155	.08796	.70367	1.5854	.11375

#1	17.116	.00946	.23020	76.264	73.719	.12180	2.5470
#2	17.184	.01034	.20528	76.335	74.211	.11950	2.5487
#3	17.320	.01013	.22558	76.398	74.763	.12332	2.5527

Sample Name: K1451-01 Acquired: 2/12/2019 17:03:48 Type: Unk
 Method: P4-ICP2(v2843) 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	.13794	F 13.56	.46000	1.3218	F<.00000
Stddev	.00158	.02	.00621	.1475	5.9546
%RSD	1.1440	.1237	1.3507	11.158	.29108

#1	.13676	13.54	.45697	1.4700	-2038.8
#2	.13734	13.57	.45589	1.3201	-2049.6
#3	.13973	13.57	.46715	1.1751	-2048.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.5	38257.	4510.6	15.317	2909.6
Stddev	4.9	129.	23.8	.688	9.6
%RSD	.16094	.33645	.52768	4.4934	.33104

#1	3019.3	38109.	4517.1	16.103	2913.4
#2	3025.8	38312.	4530.4	15.023	2916.7
#3	3016.3	38348.	4484.2	14.825	2898.6

Sample Name: K1451-02 Acquired: 2/12/2019 17:08:03 Type: Unk
Method: P4-ICP2(v2843) 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	.00060	-.00236	.07321	-.00105	-.00194	1.9493	.06092
Stddev	.00114	.00102	.00065	.00343	.00134	.0955	.00169
%RSD	189.50	43.156	.89019	326.64	69.006	4.8991	2.7712

#1	-.00004	-.00312	.07247	-.00477	-.00346	1.9352	.05912
#2	-.00007	-.00275	.07369	.00198	-.00094	2.0511	.06118
#3	.00192	-.00120	.07347	-.00036	-.00142	1.8616	.06246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00008	67.789	.00964	.00275	.04892	11.796
Stddev	.00003	.00002	.170	.00063	.00017	.00023	.105
%RSD	26.468	28.862	.25106	6.5393	6.1062	.46788	.88752

#1	.00013	-.00005	67.702	.01035	.00276	.04894	11.882
#2	.00014	-.00010	67.985	.00939	.00292	.04914	11.827
#3	.00008	-.00009	67.680	.00916	.00258	.04868	11.679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33035	6.0965	.01141	-.00096	309.65	.00532	.74134
Stddev	.01501	.0908	.00051	.00032	1.79	.00058	.00258
%RSD	4.5437	1.4896	4.4813	33.510	.57913	10.965	.34833

#1	.33233	6.0800	.01196	-.00095	308.02	.00518	.74428
#2	.34427	6.1944	.01131	-.00065	309.36	.00596	.74032
#3	.31445	6.0150	.01096	-.00129	311.57	.00482	.73943

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3622	.00356	.04777	4.6752	6.6167	.00275	.07745
Stddev	.0321	.00022	.00871	.0291	.1006	.00015	.00224
%RSD	.59931	6.1872	18.225	.62326	1.5196	5.4456	2.8879

#1	5.3693	.00355	.05431	4.7067	6.6661	.00291	.08003
#2	5.3902	.00334	.03789	4.6491	6.5010	.00270	.07632
#3	5.3271	.00378	.05111	4.6699	6.6829	.00262	.07601

Sample Name: K1451-02 Acquired: 2/12/2019 17:08:03 Type: Unk
 Method: P4-ICP2(v2843) 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	.01250	1.286	.24677	3.3431	F<.00000
Stddev	.00187	.002	.00147	1.0530	.67180
%RSD	14.943	.1355	.59657	31.498	.97595
#1	.01165	1.288	.24575	3.4739	-69.035
#2	.01464	1.285	.24846	4.3246	-68.087
#3	.01121	1.285	.24609	2.2308	-69.386
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.6	35794.	4208.1	16.113	3085.2
Stddev	9.9	1517.	12.5	.949	5.6
%RSD	.34813	4.2380	.29783	5.8887	.18074
#1	2818.9	35537.	4194.4	16.670	3079.1
#2	2831.8	34422.	4211.1	15.018	3086.4
#3	2838.2	37423.	4218.9	16.652	3090.0

Sample Name: K1404-01 Acquired: 2/12/2019 17:12:32 Type: Unk
Method: P4-ICP2(v2843) 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	-.00196	-.00085	-.00250	.00022	.00203	.00868	-.02528	-.00004
Stddev	.00303	.00045	.00085	.00117	.00133	.00748	.00022	.00008
%RSD	154.61	52.289	34.174	535.42	65.609	86.227	.85781	196.93

#1	-.00375	-.00041	-.00181	.00070	.00099	.01367	-.02553	-.00007
#2	.00154	-.00131	-.00223	-.00112	.00354	.00007	-.02517	-.00011
#3	-.00365	-.00084	-.00345	.00108	.00157	.01229	-.02514	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.04255	.01294	.00031	.00060	.07657	.00138	.04165
Stddev	.00007	.01357	.00019	.00012	.00025	.00285	.00001	.01841
%RSD	314.48	31.896	1.4413	39.825	42.304	3.7233	.99324	44.200

#1	-.00003	.03440	.01290	.00033	.00070	.07413	.00140	.02121
#2	-.00009	.03503	.01278	.00018	.00079	.07587	.00139	.05693
#3	.00005	.05821	.01315	.00042	.00031	.07970	.00137	.04680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	-.00034	.99661	-.00056	.01389	.41457	.00001	-.00340
Stddev	.00014	.00024	.04173	.00022	.00006	.00413	.00028	.01050
%RSD	2.8306	72.328	4.1871	40.263	.41217	.99739	3228.9	308.69

#1	.00485	-.00062	1.0384	-.00077	.01386	.41203	.00030	.00514
#2	.00480	-.00023	.99645	-.00033	.01396	.41934	-.00003	-.01512
#3	.00507	-.00017	.95496	-.00057	.01386	.41235	-.00024	-.00022

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01021	.02502	-.00019	-.00264	-.00247	.0029	.00017	2.2237
Stddev	.00973	.00519	.00045	.00160	.00194	.0010	.00004	.1807
%RSD	95.263	20.733	236.29	60.747	78.419	34.47	26.721	8.1266

#1	-.00502	.03042	.00031	-.00265	-.00092	.0036	.00017	2.4054
#2	-.00418	.02457	-.00030	-.00423	-.00185	.0018	.00012	2.2218
#3	-.02144	.02007	-.00058	-.00103	-.00464	.0034	.00021	2.0440

Sample Name: K1404-01 Acquired: 2/12/2019 17:12:32 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.6842
 %RSD 669.09

#1 .88712
 #2 -3.4867
 #3 1.3960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.8	37715.	4067.1	15.290	3572.7
Stddev	29.6	243.	6.9	1.167	31.7
%RSD	1.0018	.64349	.16846	7.6336	.88680

#1	2919.7	37455.	4074.7	16.084	3545.4
#2	2951.0	37754.	4065.4	13.950	3565.3
#3	2978.8	37935.	4061.4	15.836	3607.4

Sample Name: K1443-01 Acquired: 2/12/2019 17:17:00 Type: Unk
Method: P4-ICP2(v2843) 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	-.00477	-.00243	.01344	.00306	-.00336	.02358	.17229
Stddev	.00355	.00278	.00150	.00155	.00098	.02059	.00215
%RSD	74.429	114.42	11.174	50.663	29.167	87.328	1.2507

#1	-.00885	-.00265	.01405	.00479	-.00370	.03046	.17348
#2	-.00238	.00046	.01173	.00255	-.00226	.03984	.16980
#3	-.00308	-.00508	.01454	.00182	-.00413	.00043	.17359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00045	273.32	.00858	.00112	.02445	9.0833
Stddev	.00005	.00005	1.71	.00025	.00012	.00058	.0280
%RSD	113.57	10.378	.62666	2.9170	10.337	2.3846	.30869

#1	-.00010	-.00042	273.58	.00884	.00105	.02508	9.0835
#2	-.00003	-.00044	271.49	.00834	.00125	.02436	9.0552
#3	-.00001	-.00051	274.89	.00854	.00106	.02392	9.1113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96724	66.129	.01028	-.00172	152.75	-.00057	.07629
Stddev	.00141	.184	.00026	.00054	1.20	.00019	.00013
%RSD	.14591	.27777	2.5275	31.392	.78340	32.943	.17435

#1	.96620	66.138	.01007	-.00121	153.52	-.00061	.07644
#2	.96885	65.941	.01021	-.00228	151.37	-.00074	.07625
#3	.96667	66.308	.01057	-.00168	153.36	-.00037	.07618

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.889	.00152	.26186	F 90.108	F 11.969	-.02865	-.00903
Stddev	.048	.00036	.00551	.340	.047	.00097	.00241
%RSD	.25198	23.548	2.1059	.37709	.39366	3.3691	26.738

#1	18.916	.00124	.25834	90.422	12.000	-.02921	-.00639
#2	18.916	.00193	.25903	90.155	11.914	-.02921	-.01113
#3	18.834	.00141	.26822	89.747	11.992	-.02754	-.00956

Sample Name: K1443-01 Acquired: 2/12/2019 17:17:00 Type: Unk
 Method: P4-ICP2(v2843) 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	.03184	1.059	2.2577	4.1483	F<.00000
Stddev	.00092	.005	.0113	.2303	.23874
%RSD	2.8950	.4353	.50146	5.5516	.69573
#1	.03235	1.057	2.2677	3.9313	-34.340
#2	.03239	1.057	2.2454	4.3899	-34.064
#3	.03077	1.065	2.2600	4.1237	-34.539
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.6	33962.	3939.1	14.955	2964.1
Stddev	16.4	88.	26.4	1.119	13.9
%RSD	.61959	.25857	.66912	7.4831	.47047
#1	2638.1	33905.	3911.9	15.907	2952.1
#2	2640.3	33917.	3964.5	15.235	2960.8
#3	2667.6	34063.	3940.7	13.722	2979.4

Sample Name: K1443-01DUP Acquired: 2/12/2019 17:21:20 Type: Unk
Method: P4-ICP2(v2843) 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	-.00401	-.00199	.01347	.00336	-.00204	.03189	.16552
Stddev	.00130	.00153	.00020	.00461	.00177	.03169	.00482
%RSD	32.328	77.052	1.4653	137.39	86.906	99.365	2.9109

#1	-.00548	-.00105	.01364	.00866	-.00034	.00827	.16776
#2	-.00301	-.00116	.01350	.00033	-.00191	.06790	.15999
#3	-.00354	-.00375	.01325	.00107	-.00387	.01950	.16880

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00046	270.86	.00829	.00062	.02394	9.0568
Stddev	.00006	.00010	2.38	.00026	.00023	.00087	.0828
%RSD	155.67	21.229	.87786	3.1159	37.632	3.6319	.91387

#1	-.00003	-.00044	271.10	.00835	.00035	.02311	9.0705
#2	.00002	-.00037	268.36	.00801	.00078	.02484	8.9680
#3	-.00011	-.00057	273.10	.00852	.00073	.02387	9.1318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96257	65.486	.01005	-.00192	151.64	-.00039	.07438
Stddev	.00863	.215	.00040	.00045	1.54	.00024	.00018
%RSD	.89686	.32876	4.0135	23.445	1.0126	62.788	.24084

#1	.95693	65.371	.01004	-.00239	152.60	-.00066	.07433
#2	.95826	65.352	.00964	-.00149	149.86	-.00032	.07458
#3	.97250	65.734	.01045	-.00188	152.45	-.00019	.07423

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.636	.00151	.25965	F 88.915	F 11.925	-.02869	-.00919
Stddev	.221	.00028	.00668	.077	.056	.00081	.00167
%RSD	1.1852	18.288	2.5724	.08670	.47112	2.8256	18.119

#1	18.797	.00177	.26718	88.955	11.921	-.02819	-.00806
#2	18.384	.00122	.25733	88.963	11.870	-.02826	-.01110
#3	18.727	.00153	.25444	88.826	11.982	-.02963	-.00841

Sample Name: K1443-01DUP Acquired: 2/12/2019 17:21:20 Type: Unk
Method: P4-ICP2(v2843) 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	.03335	1.044	2.2366	4.1548	F<.00000
Stddev	.00142	.002	.0189	.0472	1.7856
%RSD	4.2467	.1393	.84327	1.1364	5.2943
#1	.03417	1.046	2.2479	4.1951	-33.030
#2	.03415	1.044	2.2149	4.1666	-32.393
#3	.03171	1.043	2.2471	4.1028	-35.755
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.3	34312.	3974.5	15.463	3003.6
Stddev	4.3	116.	31.5	.040	2.7
%RSD	.15858	.33669	.79171	.25810	.08950
#1	2688.2	34280.	3952.4	15.509	3003.6
#2	2681.0	34441.	4010.5	15.438	3000.9
#3	2680.7	34217.	3960.6	15.442	3006.3

Sample Name: K1443-01LX5 Acquired: 2/12/2019 17:25:40 Type: Unk
Method: P4-ICP2(v2843) 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	-.00235	.00239	-.00135	-.00282	.00398	.02284	.00001
Stddev	.00255	.00071	.00101	.00284	.00120	.00800	.00197	.00004
%RSD	91.433	30.079	42.430	210.23	42.546	200.64	8.6077	403.72
#1	.00532	-.00278	.00239	-.00242	-.00421	.01256	.02132	-.00003
#2	.00282	-.00153	.00137	-.00349	-.00216	-.00326	.02506	.00004
#3	.00022	-.00274	.00340	.00187	-.00210	.00265	.02215	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	55.512	.00175	.00041	.00451	2.0134	.20182	13.555
Stddev	.00007	.181	.00054	.00014	.00023	.0175	.00133	.087
%RSD	32.657	.32558	30.855	34.605	5.1917	.87011	.65786	.64067
#1	-.00013	55.352	.00113	.00053	.00430	2.0067	.20174	13.462
#2	-.00025	55.476	.00201	.00025	.00477	2.0333	.20319	13.634
#3	-.00024	55.708	.00211	.00045	.00446	2.0003	.20054	13.570
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	-.00061	30.332	-.00038	.01409	3.8875	-.00009	.05323
Stddev	.00022	.00016	.071	.00015	.00007	.0293	.00012	.00682
%RSD	8.3433	26.624	.23270	38.361	.52261	.75398	128.32	12.815
#1	.00236	-.00069	30.263	-.00053	.01412	3.9140	-.00017	.06069
#2	.00279	-.00072	30.330	-.00023	.01414	3.8560	-.00014	.05170
#3	.00258	-.00043	30.404	-.00039	.01401	3.8924	.00004	.04731
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.211	2.5819	-.00487	-.00276	.00512	.2040	.44987	2.3963
Stddev	.053	.0220	.00042	.00140	.00164	.0004	.00037	.3445
%RSD	.30773	.85157	8.7111	50.563	31.965	.2173	.08248	14.377
#1	17.223	2.5704	-.00440	-.00208	.00333	.2039	.45014	2.7550
#2	17.258	2.6072	-.00523	-.00184	.00654	.2045	.44945	2.0680
#3	17.154	2.5680	-.00499	-.00437	.00549	.2036	.45003	2.3658

Sample Name: K1443-01LX5 Acquired: 2/12/2019 17:25:40 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7243
Stddev	4.0064
%RSD	107.57

#1	2.0977
#2	.78712
#3	8.2882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2899.0	37103.	4051.4	15.331	3349.9
Stddev	6.3	99.	12.8	1.334	11.8
%RSD	.21895	.26696	.31622	8.6988	.35191

#1	2898.8	36993.	4062.8	15.465	3350.6
#2	2892.8	37128.	4037.5	16.593	3337.8
#3	2905.5	37187.	4053.9	13.936	3361.3

Sample Name: K1443-01MS Acquired: 2/12/2019 17:30:03 Type: Unk
Method: P4-ICP2(v2843) 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	.82295	1.9757	.96526	2.1070	-.00432	2.2483	.38980
Stddev	.00439	.0031	.00048	.0089	.00090	.0143	.00057
%RSD	.53334	.15775	.04998	.42196	20.793	.63436	.14584

#1	.81868	1.9724	.96472	2.1168	-.00382	2.2361	.39020
#2	.82745	1.9759	.96541	2.1049	-.00380	2.2639	.38915
#3	.82271	1.9787	.96565	2.0994	-.00536	2.2448	.39006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19997	.19453	276.71	.42295	.19979	.32789	11.859
Stddev	.00040	.00051	2.00	.00161	.00036	.00112	.015
%RSD	.19941	.26295	.72448	.38019	.17956	.34226	.12761

#1	.19954	.19408	276.12	.42210	.19953	.32729	11.861
#2	.20032	.19443	275.07	.42480	.20020	.32720	11.842
#3	.20006	.19509	278.95	.42194	.19964	.32919	11.872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1597	68.338	.51026	.07392	157.44	.31511	.28244
Stddev	.0022	.245	.00080	.00026	.67	.00222	.00036
%RSD	.19281	.35920	.15591	.34662	.42333	.70475	.12810

#1	1.1574	68.185	.50955	.07371	157.46	.31329	.28266
#2	1.1619	68.621	.51011	.07421	156.77	.31758	.28203
#3	1.1598	68.207	.51112	.07383	158.10	.31446	.28264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.023	.00160	.58036	F 90.798	F 12.123	-.02939	-.00764
Stddev	.137	.00027	.01346	.182	.068	.00089	.00104
%RSD	.47331	16.934	2.3198	.20036	.55751	3.0127	13.581

#1	28.870	.00188	.59076	90.683	12.151	-.02927	-.00661
#2	29.064	.00134	.58516	91.007	12.045	-.02857	-.00869
#3	29.135	.00158	.56515	90.702	12.171	-.03033	-.00763

Sample Name: K1443-01MS Acquired: 2/12/2019 17:30:03 Type: Unk
Method: P4-ICP2(v2843) 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	.25270	7.366	2.4787	4.5837	F<.00000
Stddev	.00266	.024	.0138	.2856	1.9538
%RSD	1.0529	.3317	.55712	6.2300	2.2526

#1	.24964	7.348	2.4814	4.8068	-85.237
#2	.25446	7.394	2.4637	4.6824	-88.946
#3	.25401	7.356	2.4909	4.2618	-86.026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.3	34144.	3924.9	15.914	2948.0
Stddev	20.7	135.	16.9	1.540	19.1
%RSD	.78156	.39481	.43030	9.6789	.64945

#1	2625.6	34069.	3909.6	17.129	2927.8
#2	2653.4	34064.	3943.0	16.432	2950.5
#3	2666.0	34300.	3922.0	14.182	2965.8

Sample Name: K1443-01MSD Acquired: 2/12/2019 17:34:09 Type: Unk
Method: P4-ICP2(v2843) 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	.81773	1.9636	.95926	2.1006	-.00374	2.2368	.38469
Stddev	.00362	.0095	.00362	.0027	.00139	.0079	.00394
%RSD	.44286	.48253	.37745	.13082	37.182	.35458	1.0232

#1	.81693	1.9552	.95533	2.0999	-.00489	2.2295	.38637
#2	.82168	1.9618	.95996	2.1036	-.00413	2.2453	.38020
#3	.81457	1.9739	.96247	2.0983	-.00220	2.2355	.38751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19847	.19335	273.66	.41533	.19814	.32653	11.798
Stddev	.00065	.00068	.19	.00069	.00075	.00039	.039
%RSD	.32564	.35258	.07040	.16583	.37839	.12055	.32965

#1	.19773	.19264	273.74	.41586	.19728	.32689	11.775
#2	.19889	.19342	273.80	.41558	.19854	.32611	11.777
#3	.19879	.19400	273.44	.41455	.19861	.32658	11.843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1523	68.750	.50656	.07293	158.33	.31167	.27999
Stddev	.0018	.691	.00203	.00038	.97	.00112	.00096
%RSD	.15993	1.0050	.40032	.52400	.61103	.35969	.34220

#1	1.1520	68.522	.50422	.07337	158.91	.31245	.27904
#2	1.1543	68.202	.50773	.07266	157.21	.31216	.27998
#3	1.1506	69.526	.50774	.07277	158.86	.31038	.28095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.101	.00154	.57064	F 89.664	F 12.075	-.02920	-.01131
Stddev	.212	.00040	.00124	.455	.033	.00093	.00263
%RSD	.72939	25.839	.21750	.50781	.27056	3.1716	23.289

#1	29.253	.00140	.56921	89.169	12.102	-.02837	-.01015
#2	28.858	.00124	.57130	89.758	12.039	-.02903	-.01432
#3	29.192	.00199	.57142	90.065	12.084	-.03020	-.00945

Sample Name: K1443-01MSD Acquired: 2/12/2019 17:34:09 Type: Unk
Method: P4-ICP2(v2843) 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	.25175	7.285	2.4582	3.9666	F<.00000
Stddev	.00045	.028	.0063	.0773	4.4543
%RSD	.17969	.3826	.25537	1.9497	5.1927
#1	.25226	7.270	2.4655	3.9294	-81.302
#2	.25156	7.269	2.4542	4.0555	-90.211
#3	.25142	7.317	2.4550	3.9149	-85.828
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.3	34657.	3950.9	14.630	2986.2
Stddev	13.3	145.	4.2	1.067	12.1
%RSD	.49973	.41749	.10658	7.2931	.40557
#1	2680.5	34568.	3946.2	14.445	2997.2
#2	2656.0	34579.	3952.2	13.668	2973.3
#3	2677.4	34824.	3954.4	15.778	2988.2

Sample Name: CCV06 Acquired: 2/12/2019 17:38:15 Type: Unk
Method: P4-ICP2(v2843) 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	4.9908	5.0942	4.8997	5.1027	5.0457	10.438	10.175	.24527	2.4594
Stddev	.0222	.0342	.0192	.0200	.0182	.060	.106	.00057	.0143
%RSD	.44569	.67215	.39185	.39170	.36034	.57531	1.0368	.23152	.58132
#1	5.0082	5.1127	4.9117	5.1187	5.0559	10.413	10.189	.24490	2.4657
#2	4.9984	5.1152	4.9099	5.1092	5.0565	10.393	10.273	.24593	2.4695
#3	4.9657	5.0547	4.8776	5.0803	5.0247	10.506	10.064	.24500	2.4431
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.543	1.0136	2.4650	1.2672	4.8414	2.4982	24.451	2.5113	1.2583
Stddev	.053	.0035	.0133	.0043	.0391	.0011	.205	.0156	.0026
%RSD	.20604	.34905	.53987	.33587	.80679	.04483	.83671	.62233	.20933
#1	25.542	1.0111	2.4707	1.2700	4.8491	2.4971	24.308	2.5206	1.2557
#2	25.596	1.0176	2.4746	1.2693	4.8760	2.4994	24.685	2.5200	1.2610
#3	25.491	1.0121	2.4498	1.2623	4.7990	2.4980	24.360	2.4932	1.2584
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	25.141	2.5437	2.4412	25.154	4.9873	4.9949	5.1021	4.7955	4.9701
Stddev	.197	.0024	.0137	.258	.0211	.0264	.0529	.0467	.0314
%RSD	.78514	.09328	.56044	1.0263	.42341	.52936	1.0373	.97333	.63202
#1	25.197	2.5444	2.4491	25.243	4.9997	5.0004	5.1044	4.8016	4.9859
#2	25.304	2.5456	2.4491	25.355	4.9993	5.0182	5.1539	4.8389	4.9904
#3	24.922	2.5410	2.4254	24.863	4.9629	4.9662	5.0481	4.7461	4.9339
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0162	5.0741	5.096	5.1025	2.6084	6.3028			
Stddev	.0127	.0367	.011	.0467	.1221	4.3272			
%RSD	.25220	.72375	.2053	.91518	4.6809	68.656			
#1	5.0184	5.0775	5.104	5.1101	2.4821	11.299			
#2	5.0276	5.1090	5.100	5.1450	2.7258	3.8567			
#3	5.0026	5.0358	5.084	5.0525	2.6173	3.7526			

Sample Name: CCV06 Acquired: 2/12/2019 17:38:15 Type: Unk
Method: P4-ICP2(v2843) 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	2936.5	37191.	4058.6	15.353	3271.5
Stddev	13.9	39.	40.0	.530	19.3
%RSD	.47177	.10429	.98621	3.4533	.58981
#1	2927.2	37207.	4042.6	15.880	3259.8
#2	2929.9	37147.	4029.0	15.359	3261.0
#3	2952.4	37220.	4104.1	14.820	3293.8

Sample Name: CCB06 Acquired: 2/12/2019 17:42:14 Type: Unk
Method: P4-ICP2(v2843) 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	.00064	.00045	-.00139	-.00151	-.00067	.00361	-.01067	.00006
Stddev	.00157	.00023	.00044	.00059	.00034	.01160	.00344	.00005
%RSD	244.57	50.735	31.422	38.701	50.276	321.43	32.222	86.242

#1	.00158	.00021	-.00123	-.00219	-.00047	-.00899	-.01445	.00011
#2	.00151	.00067	-.00189	-.00112	-.00049	.01385	-.00985	.00000
#3	-.00117	.00047	-.00106	-.00123	-.00106	.00597	-.00772	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00201	.00036	.00030	-.00010	-.00439	-.00001	.07981
Stddev	.00004	.01460	.00045	.00002	.00030	.00132	.00001	.00956
%RSD	359.02	725.25	126.57	7.2911	284.98	30.058	210.61	11.976

#1	.00003	-.00524	.00085	.00028	.00015	-.00562	-.00002	.08237
#2	-.00003	-.01473	-.00004	.00031	-.00004	-.00454	.00000	.06923
#3	.00004	.01393	.00026	.00032	-.00043	-.00300	-.00000	.08782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00053	.20626	-.00066	-.00043	.19198	-.00013	.01304
Stddev	.00016	.00054	.01051	.00023	.00003	.02476	.00032	.00571
%RSD	33.030	101.05	5.0955	35.783	6.0648	12.899	249.44	43.794

#1	.00041	-.00108	.19869	-.00081	-.00042	.21614	.00001	.00742
#2	.00036	-.00051	.21826	-.00078	-.00046	.16665	.00009	.01885
#3	.00065	-.00000	.20183	-.00039	-.00042	.19315	-.00049	.01287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04482	-.00129	-.00059	-.00264	-.00221	.0013	.00014	1.4641
Stddev	.00570	.00126	.00059	.00252	.00200	.0011	.00010	.0669
%RSD	12.722	97.679	98.604	95.539	90.676	84.95	70.018	4.5660

#1	-.05088	-.00021	-.00094	-.00096	-.00447	.0007	.00003	1.5411
#2	-.03955	-.00098	.00008	-.00142	-.00151	.0025	.00016	1.4295
#3	-.04404	-.00267	-.00092	-.00555	-.00065	.0006	.00022	1.4216

Sample Name: CCB06 Acquired: 2/12/2019 17:42:14 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.89645
Stddev	.47706
%RSD	53.216

#1	.41179
#2	1.3655
#3	.91203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.7	38350.	4095.3	16.739	3582.3
Stddev	1.8	100.	11.6	1.968	6.0
%RSD	.06160	.26053	.28232	11.760	.16853

#1	2986.7	38243.	4082.1	14.473	3581.0
#2	2990.4	38441.	4103.5	18.020	3588.8
#3	2988.9	38365.	4100.5	17.725	3577.0

Sample Name: K1443-01A Acquired: 2/12/2019 17:46:42 Type: Unk
Method: P4-ICP2(v2843) 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	.84901	2.0330	.99409	2.1747	-.00386	2.3529	.41033
Stddev	.00202	.0027	.00216	.0064	.00183	.0343	.00388
%RSD	.23812	.13076	.21692	.29494	47.440	1.4573	.94503

#1	.84782	2.0301	.99381	2.1788	-.00585	2.3243	.40603
#2	.84786	2.0336	.99638	2.1673	-.00347	2.3436	.41356
#3	.85134	2.0353	.99209	2.1781	-.00225	2.3909	.41141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20653	.20066	283.89	.43141	.20522	.33794	12.135
Stddev	.00049	.00052	2.69	.00147	.00040	.00181	.101
%RSD	.23839	.25869	.94917	.34008	.19493	.53562	.82951

#1	.20629	.20009	281.29	.43028	.20476	.33984	12.032
#2	.20620	.20110	286.67	.43087	.20549	.33776	12.233
#3	.20710	.20080	283.72	.43307	.20541	.33623	12.139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1958	71.341	.52763	.07618	165.05	.32684	.28834
Stddev	.0021	.477	.00081	.00021	.65	.00128	.00044
%RSD	.17502	.66799	.15288	.27447	.39307	.39015	.15424

#1	1.1941	70.953	.52747	.07597	164.43	.32663	.28810
#2	1.1952	71.197	.52691	.07619	165.72	.32820	.28807
#3	1.1982	71.873	.52850	.07639	164.99	.32567	.28886

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.047	.00139	.59792	F 92.973	F 12.412	-.02985	-.00968
Stddev	.147	.00018	.00837	.081	.066	.00088	.00190
%RSD	.48787	12.746	1.4004	.08696	.53201	2.9608	19.612

#1	29.878	.00128	.59066	92.883	12.383	-.02939	-.00919
#2	30.140	.00160	.59602	92.999	12.487	-.02929	-.01177
#3	30.123	.00130	.60708	93.039	12.365	-.03087	-.00807

Sample Name: K1443-01A Acquired: 2/12/2019 17:46:42 Type: Unk
 Method: P4-ICP2(v2843) 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	.26059	7.572	2.5532	4.6239	F<.00000
Stddev	.00195	.016	.0162	.2292	2.5075
%RSD	.74815	.2075	.63288	4.9577	3.0266
#1	.25928	7.582	2.5443	4.4920	-83.106
#2	.25966	7.554	2.5719	4.4911	-85.219
#3	.26283	7.581	2.5435	4.8886	-80.223
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.0	33306.	3825.3	14.522	2868.3
Stddev	14.2	19.	24.9	.313	11.1
%RSD	.54979	.05831	.65033	2.1520	.38795
#1	2563.2	33294.	3835.4	14.883	2855.9
#2	2582.9	33329.	3796.9	14.341	2871.6
#3	2590.8	33296.	3843.4	14.342	2877.4

Sample Name: K1449-01 Acquired: 2/12/2019 17:50:50 Type: Unk
Method: P4-ICP2(v2843) 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	.01386	-.00630	.60733	.00442	-.00851	24.814	.42111
Stddev	.00235	.00155	.00140	.00345	.00167	.076	.00404
%RSD	16.926	24.566	.23074	78.204	19.631	.30590	.95834

#1	.01396	-.00453	.60819	.00044	-.00672	24.745	.42417
#2	.01147	-.00698	.60808	.00662	-.00880	24.895	.41654
#3	.01616	-.00738	.60571	.00619	-.01002	24.801	.42261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00111	159.85	.16730	.04671	.17226	72.656
Stddev	.00005	.00016	.27	.00141	.00021	.00033	.086
%RSD	1.8612	14.553	.16707	.84375	.44888	.19122	.11903

#1	.00284	-.00126	159.71	.16574	.04647	.17209	72.753
#2	.00295	-.00094	159.69	.16849	.04678	.17204	72.630
#3	.00293	-.00112	160.16	.16768	.04687	.17264	72.585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9076	93.491	.07446	-.00596	213.33	.11257	.64808
Stddev	.0021	.264	.00022	.00019	.97	.00111	.00229
%RSD	.10984	.28259	.29816	3.1675	.45378	.98546	.35386

#1	1.9079	93.583	.07422	-.00576	212.46	.11176	.64543
#2	1.9096	93.193	.07450	-.00614	214.37	.11384	.64934
#3	1.9054	93.697	.07465	-.00598	213.17	.11212	.64947

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.372	.01462	.21200	F 63.444	F 41.693	.00380	.44635
Stddev	.056	.00030	.00696	.144	.106	.00089	.00727
%RSD	.30569	2.0660	3.2851	.22755	.25385	23.496	1.6280

#1	18.381	.01442	.21996	63.435	41.769	.00455	.44538
#2	18.424	.01496	.20905	63.593	41.572	.00281	.43962
#3	18.313	.01447	.20700	63.305	41.737	.00405	.45405

Sample Name: K1449-01 Acquired: 2/12/2019 17:50:50 Type: Unk
Method: P4-ICP2(v2843) 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	.06860	2.113	.53695	1.9188	F<.00000
Stddev	.00086	.010	.00174	.0556	7.5040
%RSD	1.2565	.4938	.32368	2.8952	1.1313
#1	.06863	2.103	.53535	1.9692	-656.78
#2	.06945	2.124	.53671	1.8592	-661.60
#3	.06773	2.113	.53880	1.9279	-671.50
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2963.0	37504.	4272.9	15.207	2997.1
Stddev	8.5	70.	7.8	1.530	7.3
%RSD	.28654	.18624	.18158	10.061	.24280
#1	2970.3	37546.	4266.2	16.814	3004.9
#2	2965.1	37423.	4281.4	15.041	2996.0
#3	2953.7	37543.	4271.1	13.768	2990.4

Sample Name: K1449-02 Acquired: 2/12/2019 17:55:12 Type: Unk
Method: P4-ICP2(v2843) 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	.00941	-.01505	.15993	.00427	-.00712	23.465	.15493
Stddev	.00109	.00028	.00115	.00234	.00069	.177	.00365
%RSD	11.623	1.8335	.71867	54.759	9.6289	.75380	2.3551

#1	.00815	-.01522	.16077	.00159	-.00782	23.445	.15914
#2	.01014	-.01519	.15862	.00532	-.00645	23.299	.15287
#3	.00994	-.01473	.16040	.00591	-.00710	23.651	.15277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00096	121.02	.16976	.03685	.15698	51.119
Stddev	.00005	.00021	.32	.00159	.00022	.00048	.159
%RSD	2.7859	22.004	.26046	.93507	.59609	.30475	.31045

#1	.00184	-.00120	121.13	.17036	.03690	.15703	51.303
#2	.00191	-.00080	120.66	.16796	.03661	.15648	51.024
#3	.00181	-.00088	121.26	.17096	.03704	.15744	51.032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7172	34.488	.18032	-.00389	751.90	.06626	1.0691
Stddev	.0025	.240	.00062	.00029	7.11	.00007	.0026
%RSD	.14690	.69531	.34652	7.3743	.94574	.11231	.24238

#1	1.7171	34.765	.17998	-.00379	759.33	.06618	1.0691
#2	1.7148	34.359	.18104	-.00366	751.19	.06626	1.0664
#3	1.7198	34.341	.17994	-.00421	745.16	.06633	1.0716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.796	.01019	.15323	F 76.187	F 42.105	-.01572	.96108
Stddev	.074	.00027	.00641	.384	.081	.00103	.00404
%RSD	.53523	2.6284	4.1829	.50392	.19305	6.5720	.41987

#1	13.852	.00991	.14667	76.257	42.187	-.01458	.95876
#2	13.713	.01020	.15356	75.773	42.103	-.01600	.95874
#3	13.824	.01045	.15947	76.531	42.025	-.01659	.96574

Sample Name: K1449-02 Acquired: 2/12/2019 17:55:12 Type: Unk
 Method: P4-ICP2(v2843) 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	.04690	2.405	.52762	3.5622	F<.00000
Stddev	.00072	.014	.00136	.1992	.18699
%RSD	1.5449	.5977	.25848	5.5930	.04472
#1	.04653	2.416	.52903	3.4835	-417.93
#2	.04643	2.389	.52631	3.4143	-418.26
#3	.04773	2.411	.52753	3.7888	-418.24
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.7	35082.	4115.0	16.033	2801.3
Stddev	4.3	124.	17.1	.640	4.6
%RSD	.15439	.35377	.41627	3.9920	.16342
#1	2808.5	35054.	4096.3	15.624	2803.7
#2	2802.4	35218.	4118.7	16.770	2804.1
#3	2800.2	34975.	4130.0	15.704	2796.0

Sample Name: K1449-03 Acquired: 2/12/2019 17:59:36 Type: Unk
Method: P4-ICP2(v2843) 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	.00370	-.04609	.94211	-.00394	-.02999	95.156	.75466
Stddev	.00124	.00288	.00301	.00236	.00144	.415	.00797
%RSD	33.554	6.2544	.31904	59.919	4.8144	.43592	1.0555

#1	.00504	-.04924	.94536	-.00622	-.03096	94.784	.74810
#2	.00347	-.04545	.93943	-.00409	-.03068	95.603	.75237
#3	.00259	-.04358	.94154	-.00151	-.02833	95.079	.76352

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01358	.01655	288.06	1.5648	.27606	.61399	230.10
Stddev	.00023	.00047	2.27	.0013	.00110	.00109	1.58
%RSD	1.6704	2.8098	.78911	.07981	.39827	.17695	.68638

#1	.01344	.01708	285.60	1.5634	.27713	.61495	228.55
#2	.01347	.01640	288.51	1.5652	.27612	.61421	230.05
#3	.01385	.01619	290.08	1.5658	.27494	.61281	231.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6282	95.130	.97246	-.02969	198.01	.35208	2.0180
Stddev	.0255	1.119	.00023	.00080	2.83	.00058	.0072
%RSD	.38418	1.1767	.02396	2.7053	1.4303	.16349	.35738

#1	6.6031	93.901	.97264	-.03023	194.76	.35142	2.0263
#2	6.6274	95.395	.97254	-.02877	199.24	.35238	2.0129
#3	6.6540	96.092	.97219	-.03008	200.01	.35245	2.0149

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.515	.01395	.14706	F 42.160	F 94.210	.00898	1.4260
Stddev	.179	.00028	.00216	.174	.565	.00053	.0083
%RSD	.62604	2.0077	1.4706	.41209	.59931	5.8865	.58412

#1	28.310	.01412	.14819	42.357	93.883	.00885	1.4283
#2	28.600	.01363	.14456	42.097	93.884	.00852	1.4167
#3	28.635	.01411	.14842	42.028	94.862	.00955	1.4329

Sample Name: K1449-03 Acquired: 2/12/2019 17:59:36 Type: Unk
Method: P4-ICP2(v2843) 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	.19410	7.968	1.0581	<.00000	F<.00000
Stddev	.00023	.018	.0083	.11160	8.8913
%RSD	.11687	.2263	.78830	2.7718	.24017

#1	.19406	7.978	1.0489	-4.1468	-3704.4
#2	.19390	7.947	1.0602	-3.9264	-3692.2
#3	.19434	7.979	1.0651	-4.0057	-3709.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.9	45127.	5337.1	15.366	2663.3
Stddev	3.6	90.	33.5	.548	4.9
%RSD	.10436	.19839	.62815	3.5646	.18324

#1	3485.9	45177.	5368.8	14.883	2657.7
#2	3490.8	45023.	5340.5	15.961	2666.6
#3	3493.0	45180.	5302.0	15.253	2665.6

Sample Name: K1449-04 Acquired: 2/12/2019 18:04:09 Type: Unk
Method: P4-ICP2(v2843) 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	.02932	-.03000	.61700	.00367	-.00906	48.405	1.1307
Stddev	.00227	.00119	.00363	.00136	.00116	.399	.0029
%RSD	7.7294	3.9610	.58850	37.065	12.844	.82531	.26041

#1	.02670	-.03076	.61553	.00297	-.00957	48.864	1.1291
#2	.03073	-.02863	.61433	.00524	-.00773	48.213	1.1341
#3	.03052	-.03061	.62113	.00281	-.00988	48.137	1.1289

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	.00240	255.23	.13154	.03649	.25147	89.952
Stddev	.00006	.00008	.16	.00104	.00047	.00020	.249
%RSD	2.1933	3.4023	.06334	.78941	1.2805	.07943	.27725

#1	.00263	.00248	255.08	.13222	.03674	.25125	89.672
#2	.00260	.00239	255.21	.13206	.03595	.25155	90.031
#3	.00252	.00232	255.40	.13035	.03678	.25162	90.151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8665	188.97	.10399	-.01047	F 1819.6	.13846	.95365
Stddev	.0045	.83	.00022	.00055	7.4	.00044	.00267
%RSD	.15562	.44093	.21274	5.2809	.40876	.31769	.28026

#1	2.8715	188.94	.10396	-.00995	1828.2	.13859	.95246
#2	2.8651	188.15	.10378	-.01043	1815.3	.13882	.95179
#3	2.8630	189.82	.10422	-.01105	1815.4	.13797	.95672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	119.72	.04237	1.1293	F 44.500	F 56.750	.00707	1.6180
Stddev	.24	.00045	.0071	.151	.314	.00114	.0100
%RSD	.20447	1.0571	.62712	.33924	.55266	16.054	.61737

#1	119.51	.04189	1.1314	44.517	56.407	.00829	1.6162
#2	119.66	.04246	1.1350	44.642	56.821	.00604	1.6288
#3	119.99	.04277	1.1214	44.342	57.022	.00690	1.6091

Sample Name: K1449-04 Acquired: 2/12/2019 18:04:09 Type: Unk
Method: P4-ICP2(v2843) 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	.29557	4.374	3.2356	5.0682	F<.00000
Stddev	.00230	.016	.0037	.1087	13.341
%RSD	.77835	.3568	.11527	2.1442	1.5955
#1	.29813	4.391	3.2318	5.1788	-821.28
#2	.29489	4.371	3.2358	4.9616	-847.02
#3	.29368	4.360	3.2392	5.0641	-840.23
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.6	32198.	4054.1	13.167	2422.0
Stddev	12.4	110.	15.5	.849	7.9
%RSD	.48118	.34066	.38153	6.4505	.32491
#1	2577.3	32076.	4067.7	12.239	2424.9
#2	2576.1	32288.	4057.3	13.905	2428.0
#3	2555.3	32232.	4037.3	13.358	2413.1

Sample Name: K1449-05 Acquired: 2/12/2019 18:08:30 Type: Unk
Method: P4-ICP2(v2843) 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	.09631	-.06660	5.4345	-.03790	-.04939	167.86	1.3293
Stddev	.00358	.00448	.0232	.00282	.00235	.13	.0059
%RSD	3.7207	6.7284	.42708	7.4506	4.7599	.08022	.44037

#1	.09546	-.06245	5.4125	-.04027	-.04917	167.98	1.3349
#2	.09323	-.06599	5.4588	-.03478	-.04716	167.88	1.3298
#3	.10024	-.07135	5.4323	-.03866	-.05184	167.71	1.3233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04110	.08735	122.99	.76982	.56798	1.1453	261.34
Stddev	.00015	.00012	.42	.00202	.00157	.0034	1.14
%RSD	.36073	.14282	.34136	.26294	.27634	.29315	.43716

#1	.04117	.08744	123.47	.76894	.56832	1.1461	260.17
#2	.04093	.08740	122.70	.76839	.56936	1.1416	261.41
#3	.04121	.08720	122.81	.77214	.56628	1.1482	262.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0547	86.532	1.1527	-.05684	94.825	.57690	8.4035
Stddev	.0279	.191	.0008	.00004	1.050	.00050	.0383
%RSD	.34632	.22125	.07193	.07153	1.1068	.08588	.45573

#1	8.0862	86.316	1.1531	-.05683	96.027	.57634	8.3909
#2	8.0444	86.681	1.1532	-.05688	94.094	.57724	8.4465
#3	8.0334	86.597	1.1517	-.05680	94.353	.57713	8.3731

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.502	.01752	-.01477	F 328.76	F 79.184	-.07372	.16180
Stddev	.169	.00028	.01173	2.08	.203	.00063	.00155
%RSD	.52062	1.5920	79.452	.63290	.25641	.86057	.95787

#1	32.672	.01783	-.02760	328.65	79.400	-.07445	.16030
#2	32.500	.01745	-.01210	330.90	78.997	-.07329	.16340
#3	32.334	.01729	-.00460	326.74	79.155	-.07341	.16170

Sample Name: K1449-05 Acquired: 2/12/2019 18:08:30 Type: Unk
Method: P4-ICP2(v2843) 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	.30994	F 17.27	.68306	<.00000	F<.00000
Stddev	.00107	.09	.00542	.24768	59.315
%RSD	.34387	.5049	.79335	1.2711	.63250
#1	.31020	17.25	.68856	-19.627	-9310.2
#2	.30877	17.37	.68289	-19.630	-9402.7
#3	.31085	17.19	.67773	-19.199	-9420.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5211.9	67585.	8139.2	16.059	2515.9
Stddev	1.7	93.	21.2	1.123	11.8
%RSD	.03305	.13729	.26010	6.9907	.46823
#1	5213.3	67526.	8116.2	14.763	2520.8
#2	5212.4	67692.	8143.5	16.706	2502.5
#3	5210.0	67536.	8157.9	16.708	2524.5

Sample Name: K1458-03 Acquired: 2/12/2019 18:13:18 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00649	-.00468	-.00098	.00386	-.00685	.06313	.32617
Stddev	.00097	.00028	.00154	.00077	.00250	.00599	.00187
%RSD	15.023	5.9804	157.84	19.985	36.528	9.4858	.57440

#1	-.00753	-.00461	-.00264	.00475	-.00872	.06382	.32467
#2	-.00559	-.00444	-.00070	.00337	-.00401	.06875	.32827
#3	-.00634	-.00499	.00041	.00346	-.00781	.05683	.32556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00182	160.90	-.00079	.00007	-.00194	50.007
Stddev	.00004	.00009	.23	.00068	.00016	.00036	.126
%RSD	24.487	5.1072	.14273	86.756	245.56	18.335	.25140

#1	-.00015	-.00174	160.63	-.00079	.00025	-.00153	49.890
#2	-.00012	-.00179	160.99	-.00010	-.00000	-.00209	49.991
#3	-.00019	-.00192	161.07	-.00147	-.00005	-.00220	50.140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5009	37.753	-.00307	-.00392	183.26	.00045	.00095
Stddev	.0033	.057	.00021	.00040	.29	.00050	.00009
%RSD	.21885	.15074	6.8811	10.222	.15715	110.07	9.9257

#1	1.4973	37.779	-.00315	-.00384	183.33	.00022	.00091
#2	1.5017	37.791	-.00283	-.00435	182.94	.00011	.00088
#3	1.5037	37.687	-.00323	-.00356	183.51	.00102	.00106

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.837	.00026	.14351	.99179	F 11.991	.00387	-.00612
Stddev	.046	.00021	.00452	.03499	.024	.00051	.00129
%RSD	.39117	79.823	3.1522	3.5279	.20255	13.049	21.145

#1	11.890	.00011	.14806	.96188	12.017	.00420	-.00762
#2	11.811	.00049	.13901	.98324	11.968	.00329	-.00541
#3	11.809	.00017	.14346	1.0303	11.989	.00412	-.00534

Sample Name: K1458-03 Acquired: 2/12/2019 18:13:18 Type: Unk
 Method: P4-ICP2(v2843) 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	.01457	.1237	.52241	4.4494	F<.00000
Stddev	.00088	.0016	.00228	.1170	1.0372
%RSD	6.0624	1.318	.43588	2.6300	.24982

#1	.01355	.1219	.52440	4.4096	-415.74
#2	.01507	.1250	.52291	4.5811	-413.97
#3	.01510	.1243	.51993	4.3575	-415.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.9	33790.	3916.6	14.475	2953.7
Stddev	19.9	98.	8.8	.630	16.8
%RSD	.74922	.28943	.22498	4.3550	.56859

#1	2635.9	33738.	3907.2	15.079	2941.4
#2	2643.3	33728.	3918.1	14.525	2946.9
#3	2673.4	33902.	3924.6	13.821	2972.8

Sample Name: K1458-12 Acquired: 2/12/2019 18:17:42 Type: Unk
Method: P4-ICP2(v2843) 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	.00958	-.00189	.00462	.00237	-.00132	.06155	.01201
Stddev	.00064	.00144	.00120	.00273	.00222	.01070	.00442
%RSD	6.7018	76.556	26.052	115.27	168.35	17.383	36.801

#1	.00963	-.00096	.00593	.00323	-.00021	.07175	.01323
#2	.01020	-.00115	.00356	.00455	-.00388	.05041	.01569
#3	.00892	-.00355	.00436	-.00069	.00012	.06249	.00711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00046	65.086	.02141	.00107	-.00011	5.9458
Stddev	.00005	.00001	.220	.00036	.00014	.00037	.0744
%RSD	120.54	1.6316	.33815	1.6987	12.795	323.62	1.2507

#1	.00000	-.00046	64.900	.02117	.00091	-.00003	5.8615
#2	-.00003	-.00047	65.029	.02183	.00117	.00021	6.0020
#3	-.00009	-.00045	65.329	.02124	.00112	-.00052	5.9740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32428	8.0381	.00761	-.00069	44.711	-.00001	.00849
Stddev	.00085	.1037	.00047	.00049	.166	.00023	.00008
%RSD	.26088	1.2897	6.2285	72.057	.37073	3357.6	.89842

#1	.32391	7.9536	.00760	-.00040	44.662	-.00023	.00848
#2	.32525	8.1538	.00809	-.00041	44.576	-.00002	.00856
#3	.32369	8.0070	.00714	-.00126	44.896	.00023	.00841

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2697	.00301	.08130	F 10.311	7.7764	-.00114	-.00211
Stddev	.0450	.00014	.00562	.061	.0622	.00028	.00359
%RSD	.61844	4.4871	6.9068	.59476	.79978	24.711	170.31

#1	7.2224	.00317	.08571	10.368	7.7514	-.00141	-.00273
#2	7.3118	.00295	.07498	10.320	7.7306	-.00115	.00175
#3	7.2748	.00293	.08321	10.246	7.8472	-.00085	-.00535

Sample Name: K1458-12 Acquired: 2/12/2019 18:17:42 Type: Unk
 Method: P4-ICP2(v2843) 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	.00279	.1803	.29018	3.0485	F<.00000
Stddev	.00082	.0041	.00084	.1390	2.0255
%RSD	29.196	2.248	.28813	4.5600	6.7725
#1	.00188	.1849	.28981	3.1976	-30.128
#2	.00304	.1782	.28959	2.9225	-31.813
#3	.00346	.1776	.29113	3.0254	-27.780
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.9	36120.	4068.5	15.175	3282.9
Stddev	17.5	153.	21.0	.420	18.3
%RSD	.62180	.42428	.51626	2.7661	.55863
#1	2799.2	36059.	4066.0	15.451	3270.0
#2	2802.5	36007.	4090.6	14.692	3274.9
#3	2831.0	36295.	4048.8	15.382	3303.9

Sample Name: K1458-12DUP Acquired: 2/12/2019 18:22:05 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00988	-.00122	.00440	.00000	-.00090	.06798	.01195
Stddev	.00192	.00192	.00085	.00215	.00128	.00848	.00240
%RSD	19.456	157.53	19.188	172360.	141.63	12.474	20.060

#1	.01172	-.00320	.00538	.00120	.00039	.05975	.01081
#2	.01005	.00062	.00391	-.00248	-.00093	.06749	.01470
#3	.00789	-.00107	.00392	.00128	-.00217	.07669	.01033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00046	64.402	.01782	.00108	.00003	5.8926
Stddev	.00006	.00014	.237	.00051	.00029	.00017	.0332
%RSD	69.868	29.205	.36876	2.8661	26.981	537.45	.56379

#1	-.00004	-.00054	64.279	.01809	.00086	.00017	5.8572
#2	-.00015	-.00055	64.676	.01815	.00097	-.00016	5.9231
#3	-.00006	-.00031	64.251	.01723	.00141	.00009	5.8976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32325	7.8993	.00704	-.00082	44.294	.00044	.00832
Stddev	.00122	.0622	.00038	.00043	.190	.00009	.00006
%RSD	.37781	.78785	5.4325	52.729	.42942	20.293	.74956

#1	.32319	7.8502	.00704	-.00060	44.141	.00046	.00825
#2	.32450	7.8785	.00666	-.00054	44.507	.00034	.00837
#3	.32206	7.9693	.00742	-.00132	44.233	.00052	.00834

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1937	.00324	.08123	F 10.298	7.7500	-.00132	-.00257
Stddev	.0323	.00013	.00676	.032	.0084	.00033	.00083
%RSD	.44909	4.1009	8.3182	.30962	.10781	25.252	32.303

#1	7.1673	.00324	.08880	10.323	7.7593	-.00132	-.00338
#2	7.1840	.00338	.07910	10.309	7.7475	-.00165	-.00260
#3	7.2297	.00311	.07580	10.262	7.7432	-.00099	-.00172

Sample Name: K1458-12DUP Acquired: 2/12/2019 18:22:05 Type: Unk
Method: P4-ICP2(v2843) 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	.00243	.1795	.28747	3.1504	F<.00000
Stddev	.00050	.0021	.00116	.0978	2.4043
%RSD	20.387	1.153	.40455	3.1048	7.6763

#1	.00202	.1813	.28771	3.2279	-33.442
#2	.00229	.1800	.28849	3.1829	-31.812
#3	.00298	.1772	.28620	3.0405	-28.709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.6	36256.	4094.1	15.995	3298.0
Stddev	21.0	131.	13.9	.942	15.0
%RSD	.74440	.36186	.34011	5.8925	.45564

#1	2798.5	36171.	4094.7	15.631	3281.4
#2	2832.4	36189.	4079.9	15.288	3302.1
#3	2837.0	36407.	4107.7	17.065	3310.6

Sample Name: K1458-12LX5 Acquired: 2/12/2019 18:26:29 Type: Unk
Method: P4-ICP2(v2843) 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	.00468	-.00060	.00085	.00013	-.00144	.00853	-.00631	.00009
Stddev	.00208	.00130	.00096	.00354	.00139	.00851	.00335	.00001
%RSD	44.470	215.19	113.28	2713.4	96.760	99.736	53.174	15.977

#1	.00629	.00087	.00051	-.00395	-.00228	.01821	-.00936	.00010
#2	.00543	-.00109	.00193	.00195	.00017	.00224	-.00684	.00010
#3	.00233	-.00158	.00010	.00240	-.00219	.00514	-.00272	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	13.924	.00384	.00051	-.00011	1.3131	.07016	1.8097
Stddev	.00006	.059	.00038	.00010	.00005	.0144	.00047	.0298
%RSD	85.166	.42099	9.9811	19.142	42.872	1.0931	.67640	1.6487

#1	-.00007	13.859	.00341	.00061	-.00007	1.3259	.07052	1.7823
#2	-.00012	13.939	.00414	.00042	-.00016	1.3158	.06962	1.8053
#3	-.00001	13.974	.00398	.00049	-.00011	1.2976	.07033	1.8415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	-.00074	9.4752	-.00016	.00161	1.6138	-.00001	.01330
Stddev	.00016	.00030	.0339	.00021	.00002	.0086	.00019	.00361
%RSD	7.4205	40.408	.35769	133.95	.96991	.53513	2150.1	27.152

#1	.00208	-.00073	9.5018	-.00000	.00161	1.6205	.00013	.00970
#2	.00202	-.00044	9.4866	-.00040	.00160	1.6040	-.00023	.01692
#3	.00232	-.00104	9.4370	-.00007	.00163	1.6167	.00007	.01327

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1227	1.7350	-.00083	-.00235	-.00082	.0382	.06069	2.4232
Stddev	.0187	.0147	.00010	.00106	.00148	.0016	.00020	.1739
%RSD	.88353	.85033	11.905	45.149	180.36	4.077	.33596	7.1781

#1	2.1441	1.7514	-.00072	-.00308	-.00251	.0388	.06060	2.2547
#2	2.1150	1.7229	-.00086	-.00113	-.00019	.0394	.06055	2.4128
#3	2.1091	1.7307	-.00091	-.00283	.00024	.0365	.06092	2.6021

Sample Name: K1458-12LX5 Acquired: 2/12/2019 18:26:29 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	4.2145
%RSD	1972.6

#1	-4.8198
#2	.72949
#3	3.4494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.0	37135.	4020.4	14.997	3440.1
Stddev	.8	119.	9.9	1.183	9.6
%RSD	.02834	.32000	.24695	7.8874	.27860

#1	2901.3	37194.	4018.8	13.849	3433.0
#2	2902.0	37212.	4011.3	14.929	3451.0
#3	2902.9	36998.	4031.0	16.212	3436.3

Sample Name: CCV07 Acquired: 2/12/2019 18:30:53 Type: Unk
Method: P4-ICP2(v2843) 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	5.1379	5.2031	5.0171	5.2447	5.1874	10.755	10.385	.25157
Stddev	.0083	.0148	.0106	.0251	.0307	.133	.105	.00055
%RSD	.16121	.28485	.21196	.47785	.59080	1.2360	1.0091	.22009
#1	5.1446	5.2192	5.0242	5.2728	5.2226	10.672	10.441	.25219
#2	5.1286	5.1899	5.0048	5.2367	5.1666	10.908	10.264	.25140
#3	5.1403	5.2003	5.0222	5.2246	5.1730	10.684	10.450	.25112
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5113	25.834	1.0418	2.5248	1.3000	4.8840	2.5598	24.651
Stddev	.0077	.016	.0018	.0063	.0051	.0775	.0022	.110
%RSD	.30827	.06152	.17447	.24925	.39276	1.5868	.08537	.44723
#1	2.5179	25.827	1.0399	2.5315	1.3059	4.9407	2.5598	24.658
#2	2.5028	25.823	1.0421	2.5189	1.2969	4.7957	2.5576	24.757
#3	2.5132	25.853	1.0435	2.5240	1.2973	4.9155	2.5620	24.537
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5688	1.2956	25.447	2.5949	2.4986	25.529	5.1137	5.0779
Stddev	.0052	.0040	.283	.0019	.0081	.275	.0260	.0232
%RSD	.20159	.30738	1.1119	.07198	.32383	1.0780	.50915	.45674
#1	2.5740	1.2946	25.609	2.5927	2.5070	25.660	5.1421	5.0973
#2	2.5636	1.2922	25.120	2.5957	2.4909	25.213	5.0910	5.0522
#3	2.5689	1.3000	25.612	2.5962	2.4979	25.715	5.1080	5.0843
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2726	4.9497	5.0804	5.1089	5.1667	5.197	5.1932	F 3.6832
Stddev	.0038	.0775	.0113	.0145	.0539	.004	.0497	.0798
%RSD	.07279	1.5656	.22310	.28466	1.0441	.0738	.95703	2.1654
#1	5.2681	5.0233	5.0916	5.1252	5.1991	5.202	5.2201	3.7459
#2	5.2751	4.8688	5.0690	5.1040	5.1044	5.194	5.1358	3.5935
#3	5.2744	4.9571	5.0807	5.0974	5.1967	5.196	5.2236	3.7103

Sample Name: CCV07 Acquired: 2/12/2019 18:30:53 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4817
Stddev	2.3422
%RSD	67.271

#1	3.6929
#2	1.0411
#3	5.7112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.9	35849.	3988.8	13.875	3163.6
Stddev	11.9	40.	62.1	1.745	10.9
%RSD	.42138	.11089	1.5562	12.574	.34456

#1	2820.1	35818.	3938.4	13.089	3151.3
#2	2840.2	35835.	4058.1	12.661	3171.9
#3	2841.3	35894.	3970.0	15.874	3167.6

Sample Name: CCB07 Acquired: 2/12/2019 18:34:53 Type: Unk
Method: P4-ICP2(v2843) 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	.00060	.00089	-.00145	-.00235	.00013	.00415	-.01391
Stddev	.00128	.00168	.00074	.00181	.00139	.00423	.00197
%RSD	212.23	188.26	51.256	77.157	1104.3	101.93	14.139

#1	.00016	.00199	-.00161	-.00029	.00173	.00401	-.01359
#2	.00204	-.00104	-.00064	-.00368	-.00071	.00844	-.01601
#3	-.00039	.00173	-.00209	-.00307	-.00064	-.00001	-.01212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00005	-.01052	.00041	.00036	-.00039	-.00268
Stddev	.00004	.00006	.00449	.00012	.00016	.00027	.00144
%RSD	131.54	122.16	42.739	29.022	44.801	68.771	53.655

#1	.00003	.00008	-.01390	.00053	.00024	-.00028	-.00424
#2	-.00001	.00009	-.00542	.00029	.00054	-.00069	-.00140
#3	.00007	-.00002	-.01223	.00042	.00030	-.00019	-.00240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02251	.00058	.00006	.13045	-.00007	-.00038
Stddev	.00005	.01462	.00031	.00051	.00660	.00022	.00005
%RSD	95.018	64.955	53.054	855.84	5.0579	314.32	14.177

#1	.00007	.03644	.00076	-.00049	.12624	-.00025	-.00037
#2	.00008	.00729	.00075	.00014	.13806	-.00013	-.00044
#3	-.00000	.02379	.00022	.00053	.12707	.00018	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17437	-.00014	.01558	F -.02593	.00001	-.00022	-.00182
Stddev	.02768	.00029	.00796	.01773	.00209	.00131	.00078
%RSD	15.875	202.27	51.061	68.376	18645.	603.27	42.994

#1	.17743	.00019	.02166	-.01678	.00112	.00032	-.00191
#2	.20040	-.00029	.01851	-.01465	.00131	-.00171	-.00100
#3	.14529	-.00033	.00658	-.04637	-.00239	.00073	-.00255

Sample Name: CCB07 Acquired: 2/12/2019 18:34:53 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00295	.0020	.00031	F 2.3725	F 1.5250
Stddev	.00091	.0005	.00007	.1177	1.1044
%RSD	30.857	27.09	22.897	4.9625	72.415
#1	-.00349	.0026	.00037	2.2926	2.7884
#2	-.00346	.0020	.00034	2.3173	.74343
#3	-.00190	.0015	.00023	2.5077	1.0433
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2939.9	37468.	4058.8	16.072	3531.8
Stddev	12.4	101.	18.7	1.663	9.7
%RSD	.42247	.27038	.45997	10.344	.27541
#1	2932.8	37481.	4041.0	17.039	3525.3
#2	2932.8	37562.	4057.0	14.152	3527.1
#3	2954.3	37361.	4078.2	17.025	3543.0

Sample Name: K1458-12MS Acquired: 2/12/2019 18:39:21 Type: Unk
Method: P4-ICP2(v2843) 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	.77097	1.9055	.90555	1.9395	.80158	2.1014	.21285
Stddev	.00491	.0053	.00053	.0052	.00346	.0047	.00196
%RSD	.63708	.27594	.05802	.27014	.43194	.22228	.92104

#1	.77661	1.9049	.90560	1.9386	.80198	2.0964	.21148
#2	.76762	1.9005	.90500	1.9451	.80483	2.1022	.21197
#3	.76869	1.9110	.90604	1.9347	.79794	2.1056	.21510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18452	.18169	62.314	.41882	.18890	.29599	8.2414
Stddev	.00167	.00034	.228	.00567	.00034	.00065	.1136
%RSD	.90449	.18488	.36589	1.3538	.18056	.22094	1.3788

#1	.18259	.18148	62.176	.41229	.18854	.29571	8.1362
#2	.18553	.18151	62.188	.42177	.18922	.29551	8.2259
#3	.18544	.18208	62.577	.42242	.18893	.29673	8.3619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49427	9.3752	.48486	.06764	45.398	.30042	.19166
Stddev	.00638	.0576	.00089	.00166	.129	.00363	.00021
%RSD	1.2901	.61404	.18433	2.4539	.28483	1.2075	.10920

#1	.48691	9.3243	.48393	.06588	45.416	.29628	.19149
#2	.49810	9.3635	.48494	.06785	45.260	.30195	.19190
#3	.49781	9.4377	.48571	.06919	45.517	.30303	.19160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.486	.42162	.36633	9.8561	8.1551	.67723	.20107
Stddev	.016	.00067	.00937	.0468	.0843	.00301	.00258
%RSD	.09678	.15946	2.5574	.47435	1.0334	.44411	1.2823

#1	16.482	.42096	.37302	9.8233	8.0630	.67489	.20372
#2	16.473	.42159	.37035	9.9096	8.1738	.67617	.20092
#3	16.504	.42230	.35562	9.8353	8.2284	.68062	.19857

Sample Name: K1458-12MS Acquired: 2/12/2019 18:39:21 Type: Unk
Method: P4-ICP2(v2843) 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	.20695	5.770	.46416	3.6693	F<.00000
Stddev	.00090	.015	.00103	.1524	2.9735
%RSD	.43545	.2580	.22144	4.1527	4.0093
#1	.20621	5.763	.46520	3.4933	-76.710
#2	.20668	5.788	.46414	3.7591	-74.890
#3	.20795	5.761	.46314	3.7554	-70.897
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2779.2	35812.	4011.4	15.601	3213.0
Stddev	8.4	265.	19.0	.392	8.8
%RSD	.30187	.74081	.47282	2.5115	.27450
#1	2773.1	36116.	4028.9	15.874	3207.3
#2	2775.8	35629.	4014.2	15.152	3208.5
#3	2788.8	35690.	3991.3	15.777	3223.2

Sample Name: K1458-12MSD Acquired: 2/12/2019 18:43:28 Type: Unk
Method: P4-ICP2(v2843) 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	.76343	1.8794	.89713	1.9087	.79401	2.0808	.21502
Stddev	.00391	.0107	.00143	.0015	.00119	.0206	.00603
%RSD	.51166	.56968	.15903	.07959	.14962	.99172	2.8060

#1	.76616	1.8732	.89844	1.9091	.79527	2.0666	.21386
#2	.76518	1.8733	.89561	1.9070	.79383	2.1045	.20965
#3	.75896	1.8918	.89733	1.9100	.79292	2.0714	.22155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18432	.17960	62.611	.42784	.18755	.29323	8.2944
Stddev	.00028	.00011	.335	.00352	.00037	.00063	.0473
%RSD	.15227	.05962	.53480	.82164	.19601	.21487	.57024

#1	.18460	.17949	62.587	.42552	.18715	.29266	8.2702
#2	.18404	.17961	62.288	.42612	.18787	.29390	8.2642
#3	.18432	.17971	62.957	.43189	.18764	.29311	8.3490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49560	9.3741	.48373	.06692	45.436	.29887	.19014
Stddev	.00099	.0282	.00051	.00045	.132	.00240	.00028
%RSD	.19911	.30117	.10505	.66499	.29105	.80299	.14747

#1	.49527	9.3520	.48318	.06742	45.541	.29762	.18992
#2	.49481	9.3643	.48382	.06680	45.288	.29735	.19046
#3	.49671	9.4059	.48419	.06655	45.480	.30164	.19005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.415	.41831	.36883	9.7679	8.2100	.67587	.20180
Stddev	.018	.00110	.00419	.0239	.0613	.00111	.00186
%RSD	.11195	.26255	1.1350	.24429	.74687	.16467	.92279

#1	16.396	.41734	.36419	9.7775	8.2206	.67713	.20068
#2	16.415	.41809	.37232	9.7407	8.1441	.67502	.20395
#3	16.433	.41950	.36997	9.7854	8.2654	.67546	.20078

Sample Name: K1458-12MSD Acquired: 2/12/2019 18:43:28 Type: Unk
Method: P4-ICP2(v2843) 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	.20724	5.716	.46413	3.4957	F<.00000
Stddev	.00168	.024	.00219	.2635	3.2527
%RSD	.81071	.4231	.47222	7.5378	4.2980

#1	.20817	5.738	.46658	3.5494	-78.807
#2	.20825	5.690	.46235	3.2094	-72.315
#3	.20530	5.718	.46347	3.7281	-75.916

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.3	36097.	4018.9	15.251	3257.9
Stddev	12.1	72.	23.0	1.661	11.7
%RSD	.42837	.19992	.57235	10.894	.35806

#1	2832.3	36106.	4008.7	16.965	3270.2
#2	2808.3	36165.	4045.3	15.139	3247.0
#3	2823.3	36021.	4002.8	13.648	3256.4

Sample Name: K1458-12A Acquired: 2/12/2019 18:47:35 Type: Unk
Method: P4-ICP2(v2843) 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	.77202	1.9107	.91284	1.9371	.80504	2.1168	.21621
Stddev	.00406	.0034	.00243	.0037	.00139	.0436	.00256
%RSD	.52585	.17744	.26612	.18997	.17264	2.0582	1.1819

#1	.77601	1.9069	.91011	1.9385	.80619	2.0702	.21356
#2	.77214	1.9134	.91363	1.9398	.80544	2.1239	.21866
#3	.76790	1.9117	.91478	1.9329	.80350	2.1564	.21640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18761	.18297	62.927	.43395	.19073	.29781	8.3158
Stddev	.00037	.00006	.449	.00167	.00048	.00080	.0643
%RSD	.19885	.03336	.71351	.38465	.24973	.26938	.77368

#1	.18725	.18297	62.541	.43253	.19049	.29741	8.2441
#2	.18799	.18303	63.420	.43353	.19128	.29873	8.3348
#3	.18761	.18291	62.821	.43579	.19042	.29728	8.3684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50418	9.4360	.49149	.06816	45.524	.30610	.19300
Stddev	.00109	.1441	.00108	.00115	.246	.00135	.00039
%RSD	.21662	1.5268	.22052	1.6852	.54007	.43949	.20040

#1	.50293	9.2878	.49028	.06727	45.250	.30568	.19333
#2	.50488	9.4446	.49185	.06776	45.725	.30760	.19309
#3	.50475	9.5755	.49236	.06946	45.598	.30501	.19257

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.486	.42368	.36577	9.9757	8.2452	.68783	.20144
Stddev	.170	.00068	.00801	.0121	.0170	.00241	.00093
%RSD	1.0321	.15986	2.1894	.12178	.20642	.35088	.46327

#1	16.294	.42409	.35656	9.9757	8.2256	.68850	.20124
#2	16.545	.42405	.36964	9.9879	8.2550	.68516	.20245
#3	16.619	.42289	.37111	9.9636	8.2551	.68984	.20061

Sample Name: K1458-12A Acquired: 2/12/2019 18:47:35 Type: Unk
 Method: P4-ICP2(v2843) 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	.20785	5.820	.46607	3.7010	F<.00000
Stddev	.00224	.009	.00258	.1277	4.2245
%RSD	1.0782	.1588	.55328	3.4499	5.7497
#1	.20529	5.827	.46468	3.5955	-74.712
#2	.20946	5.810	.46904	3.6646	-68.768
#3	.20880	5.824	.46448	3.8430	-76.941
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.5	35524.	4007.5	16.529	3195.5
Stddev	21.1	40.	5.6	1.022	14.3
%RSD	.75876	.11285	.13899	6.1834	.44770
#1	2758.9	35481.	4010.4	17.282	3184.0
#2	2766.2	35560.	4001.1	15.365	3191.0
#3	2798.4	35532.	4011.1	16.938	3211.5

Sample Name: K1449-06 Acquired: 2/12/2019 18:51:42 Type: Unk
Method: P4-ICP2(v2843) 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	.00149	-.00006	.01651	-.00176	-.00265	.00835	.11731
Stddev	.00115	.00313	.00143	.00253	.00083	.00330	.00578
%RSD	77.029	5619.4	8.6468	143.90	31.474	39.503	4.9288

#1	.00086	.00121	.01713	.00079	-.00236	.00553	.11544
#2	.00281	-.00362	.01752	-.00179	-.00359	.01198	.12380
#3	.00079	.00225	.01487	-.00428	-.00200	.00754	.11270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00072	171.19	.00742	.00081	-.00071	13.512
Stddev	.00003	.00007	1.89	.00055	.00019	.00040	.192
%RSD	34.587	9.9988	1.1020	7.4010	23.834	56.038	1.4239

#1	.00006	-.00075	172.48	.00747	.00089	-.00112	13.732
#2	.00012	-.00064	172.07	.00685	.00059	-.00068	13.427
#3	.00009	-.00078	169.03	.00794	.00095	-.00033	13.377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2302	96.041	.00316	-.00120	255.05	.00073	.01137
Stddev	.0046	1.368	.00042	.00007	6.63	.00108	.00010
%RSD	.37286	1.4239	13.360	5.9780	2.6013	147.52	.90967

#1	1.2355	97.077	.00281	-.00123	262.08	.00195	.01125
#2	1.2278	96.554	.00363	-.00126	254.18	-.00006	.01143
#3	1.2274	94.491	.00303	-.00112	248.90	.00029	.01143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.931	.00768	.20483	F 46.745	F 22.061	-.01266	-.00567
Stddev	.180	.00037	.00393	.097	.260	.00119	.00243
%RSD	1.0646	4.8002	1.9172	.20745	1.1782	9.3968	42.809

#1	16.978	.00793	.20202	46.693	22.343	-.01396	-.00352
#2	17.084	.00726	.20931	46.684	22.009	-.01163	-.00830
#3	16.733	.00786	.20315	46.856	21.831	-.01238	-.00519

Sample Name: K1449-06 Acquired: 2/12/2019 18:51:42 Type: Unk
Method: P4-ICP2(v2843) 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	.02836	.2925	.62360	3.8086	F<.00000
Stddev	.00049	.0020	.00716	.2637	6.2325
%RSD	1.7183	.6730	1.1475	6.9242	8.4541
#1	.02858	.2947	.62591	4.1130	-71.166
#2	.02780	.2909	.62930	3.6641	-69.172
#3	.02870	.2919	.61557	3.6488	-80.825
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2772.6	35066.	4057.7	14.673	3039.8
Stddev	9.5	137.	42.1	1.053	6.6
%RSD	.34343	.39097	1.0365	7.1772	.21693
#1	2762.7	34919.	4013.3	14.291	3035.7
#2	2781.7	35190.	4062.7	15.863	3047.4
#3	2773.5	35088.	4097.0	13.864	3036.3

Sample Name: K1449-07 Acquired: 2/12/2019 18:56:13 Type: Unk
Method: P4-ICP2(v2843) 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	-.00043	-.00008	.01939	.00139	-.00213	.02678	.02421	.00009
Stddev	.00081	.00078	.00047	.00124	.00020	.01217	.00261	.00013
%RSD	188.73	1011.8	2.4195	89.560	9.1760	45.424	10.781	136.54

#1	-.00046	.00060	.01919	.00035	-.00190	.04023	.02216	.00018
#2	-.00123	.00010	.01993	.00106	-.00226	.01654	.02714	.00015
#3	.00040	-.00094	.01905	.00277	-.00223	.02358	.02331	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	118.69	.00806	.00011	.00285	.01428	.03357	22.185
Stddev	.00002	.41	.00021	.00017	.00066	.00155	.00011	.145
%RSD	6.2844	.34917	2.5478	149.81	23.062	10.872	.32579	.65518

#1	-.00030	118.99	.00797	.00018	.00292	.01546	.03359	22.017
#2	-.00031	118.85	.00791	.00025	.00216	.01252	.03346	22.260
#3	-.00034	118.21	.00829	-.00008	.00347	.01485	.03368	22.276

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00806	-.00041	829.81	.00235	.03729	10.282	.00708	.14354
Stddev	.00068	.00050	3.64	.00028	.00010	.044	.00032	.00541
%RSD	8.4209	121.21	.43888	11.943	.26933	.42803	4.5495	3.7677

#1	.00753	.00016	833.28	.00231	.03720	10.237	.00727	.14623
#2	.00782	-.00078	826.02	.00210	.03740	10.283	.00725	.14707
#3	.00882	-.00062	830.13	.00265	.03727	10.325	.00671	.13731

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.926	F 18.625	-.02624	-.00606	.01603	.1260	.56676	4.7904
Stddev	.177	.059	.00104	.00045	.00076	.0017	.00240	.0209
%RSD	.22432	.31904	3.9638	7.4654	4.7110	1.381	.42332	.43634

#1	78.751	18.667	-.02637	-.00655	.01690	.1259	.56878	4.7892
#2	79.105	18.651	-.02514	-.00595	.01562	.1243	.56740	4.7701
#3	78.921	18.557	-.02720	-.00567	.01558	.1277	.56411	4.8119

Sample Name: K1449-07 Acquired: 2/12/2019 18:56:13 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	52.366
Stddev	2.506
%RSD	4.7862

#1	51.658
#2	50.291
#3	55.151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.2	33365.	3994.4	15.201	2853.5
Stddev	8.2	75.	9.2	2.081	5.6
%RSD	.30753	.22497	.23008	13.688	.19507

#1	2664.9	33348.	3993.4	14.706	2848.5
#2	2679.6	33447.	3985.7	13.412	2859.5
#3	2666.0	33300.	4004.0	17.484	2852.5

Sample Name: K1449-08 Acquired: 2/12/2019 19:00:46 Type: Unk
Method: P4-ICP2(v2843) 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	-.00203	-.00140	.01994	.00233	-.00187	.09286	.10396	.00001
Stddev	.00304	.00207	.00039	.00176	.00244	.01964	.00122	.00009
%RSD	149.78	148.38	1.9429	75.436	129.98	21.148	1.1779	970.54

#1	-.00549	-.00224	.01954	.00337	-.00358	.10396	.10523	.00010
#2	.00018	.00096	.02031	.00331	-.00296	.10443	.10278	.00000
#3	-.00077	-.00292	.01998	.00030	.00092	.07019	.10387	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	389.02	.02041	.00160	.00995	.14578	.88075	83.005
Stddev	.00009	4.11	.00039	.00005	.00040	.00192	.00343	1.013
%RSD	31.425	1.0569	1.9036	3.3782	4.0338	1.3153	.38924	1.2198

#1	-.00020	384.37	.02009	.00160	.00957	.14512	.87692	81.865
#2	-.00030	390.49	.02031	.00155	.01037	.14794	.88177	83.352
#3	-.00039	392.19	.02084	.00166	.00991	.14428	.88355	83.798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02374	-.00136	398.94	.00012	.02191	17.010	.00590	.23439
Stddev	.00056	.00028	2.25	.00022	.00009	.174	.00018	.00157
%RSD	2.3710	20.318	.56411	178.55	.40599	1.0234	3.1099	.66858

#1	.02319	-.00121	398.57	-.00009	.02181	16.836	.00572	.23447
#2	.02432	-.00119	401.36	.00035	.02198	17.010	.00609	.23279
#3	.02371	-.00168	396.90	.00010	.02193	17.184	.00587	.23592

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.931	F 15.605	-.00985	-.00973	.04517	.0210	1.7615	4.3712
Stddev	.142	.102	.00070	.00142	.00106	.0013	.0187	.0630
%RSD	.36437	.65621	7.0713	14.612	2.3438	6.034	1.0606	1.4406

#1	38.817	15.513	-.00957	-.01077	.04395	.0225	1.7401	4.3116
#2	38.885	15.715	-.00933	-.00811	.04580	.0205	1.7699	4.4370
#3	39.090	15.587	-.01064	-.01030	.04576	.0201	1.7744	4.3648

Sample Name: K1449-08 Acquired: 2/12/2019 19:00:46 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	63.935
Stddev	.967
%RSD	1.5131

#1	63.613
#2	65.023
#3	63.170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.6	33381.	3977.2	15.559	2804.6
Stddev	10.2	105.	34.8	1.418	11.7
%RSD	.39406	.31499	.87399	9.1127	.41550

#1	2606.2	33498.	4014.3	15.940	2811.6
#2	2604.8	33351.	3945.3	13.990	2811.1
#3	2587.8	33295.	3972.0	16.748	2791.2

Sample Name: K1449-09 Acquired: 2/12/2019 19:05:17 Type: Unk
Method: P4-ICP2(v2843) 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	-.00020	-.00304	.02357	.00610	.00064	.03778	.50527
Stddev	.00197	.00096	.00225	.00430	.00245	.02527	.00265
%RSD	981.92	31.565	9.5606	70.525	384.24	66.887	.52358

#1	-.00158	-.00193	.02322	.00287	-.00219	.03618	.50331
#2	.00206	-.00350	.02598	.00445	.00207	.01335	.50424
#3	-.00108	-.00367	.02152	.01099	.00203	.06382	.50828

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00055	249.87	.00441	-.00020	-.00071	12.757
Stddev	.00010	.00016	2.73	.00066	.00021	.00019	.265
%RSD	697.71	28.613	1.0908	14.869	103.16	26.275	2.0789

#1	-.00010	-.00047	250.67	.00457	.00003	-.00059	12.889
#2	.00011	-.00074	246.84	.00369	-.00038	-.00092	12.452
#3	.00003	-.00046	252.11	.00497	-.00026	-.00061	12.930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4615	202.43	.00216	-.00207	F 2148.4	.00944	.01306
Stddev	.0017	4.32	.00043	.00062	46.8	.00033	.00012
%RSD	.11788	2.1323	19.653	29.989	2.1806	3.4518	.88847

#1	1.4598	204.74	.00173	-.00143	2193.3	.00928	.01319
#2	1.4614	197.45	.00219	-.00209	2099.8	.00922	.01301
#3	1.4632	205.11	.00258	-.00267	2152.2	.00981	.01297

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	135.21	.00811	1.3139	F 26.976	F 19.877	.00245	-.00760
Stddev	1.92	.00021	.0178	.179	.324	.00051	.00233
%RSD	1.4223	2.6343	1.3547	.66196	1.6280	20.612	30.729

#1	135.96	.00795	1.3239	27.179	20.047	.00192	-.00581
#2	133.02	.00835	1.2934	26.844	19.504	.00251	-.01024
#3	136.64	.00803	1.3245	26.906	20.081	.00292	-.00675

Sample Name: K1449-09 Acquired: 2/12/2019 19:05:17 Type: Unk
 Method: P4-ICP2(v2843) 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	.27708	1.306	3.5432	6.8381	F<.00000
Stddev	.00095	.008	.0363	.0568	3.2974
%RSD	.34274	.6107	1.0256	.82994	7.4224
#1	.27622	1.315	3.5518	6.7781	-45.607
#2	.27810	1.301	3.5033	6.8910	-46.969
#3	.27691	1.302	3.5744	6.8452	-40.700
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.2	29496.	3834.5	14.988	2392.4
Stddev	7.5	66.	63.1	.517	10.7
%RSD	.31894	.22513	1.6468	3.4490	.44546
#1	2356.5	29419.	3800.8	15.506	2380.5
#2	2369.7	29529.	3907.3	14.987	2395.5
#3	2369.4	29539.	3795.3	14.472	2401.1

Sample Name: K1449-10 Acquired: 2/12/2019 19:09:49 Type: Unk
Method: P4-ICP2(v2843) 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	.04030	-.00223	.02590	-.00122	.00621	.45326	.33575
Stddev	.00228	.00191	.00093	.00421	.00233	.01220	.00194
%RSD	5.6593	85.543	3.5888	343.98	37.466	2.6912	.57800

#1	.04293	-.00026	.02658	-.00545	.00824	.44224	.33766
#2	.03890	-.00236	.02484	.00297	.00367	.45116	.33378
#3	.03905	-.00408	.02629	-.00119	.00674	.46637	.33579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00070	92.518	.01086	.00273	.00375	13.533
Stddev	.00006	.00013	.362	.00018	.00015	.00076	.117
%RSD	47.862	18.632	.39146	1.6351	5.5119	20.138	.86707

#1	.00014	-.00056	92.202	.01066	.00271	.00412	13.622
#2	.00006	-.00082	92.913	.01094	.00289	.00424	13.578
#3	.00018	-.00071	92.439	.01098	.00259	.00288	13.400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0589	42.846	.02032	-.00111	275.96	.01099	.02578
Stddev	.0030	.116	.00058	.00041	2.81	.00066	.00021
%RSD	.28183	.27070	2.8308	36.740	1.0199	5.9809	.81230

#1	1.0619	42.851	.01971	-.00082	276.18	.01131	.02591
#2	1.0560	42.960	.02086	-.00094	278.66	.01142	.02589
#3	1.0587	42.728	.02038	-.00158	273.04	.01023	.02554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.790	.07840	.35949	F 10.654	F 27.704	.00227	.01058
Stddev	.062	.00062	.01544	.118	.125	.00081	.00290
%RSD	.21600	.79553	4.2960	1.1065	.45140	35.693	27.394

#1	28.838	.07885	.36407	10.739	27.752	.00172	.01255
#2	28.814	.07866	.37212	10.703	27.798	.00320	.01194
#3	28.720	.07768	.34227	10.520	27.562	.00188	.00725

Sample Name: K1449-10 Acquired: 2/12/2019 19:09:49 Type: Unk
Method: P4-ICP2(v2843) 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	.04415	.1634	.66696	4.3465	F<.00000
Stddev	.00088	.0012	.00104	.1160	1.9078
%RSD	1.9931	.7108	.15607	2.6680	2.5637

#1	.04314	.1630	.66605	4.4281	-73.991
#2	.04457	.1647	.66810	4.2138	-76.498
#3	.04474	.1624	.66674	4.3977	-72.753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.0	33871.	3893.4	15.390	2944.4
Stddev	22.1	207.	31.0	.866	21.8
%RSD	.82476	.61256	.79621	5.6273	.74191

#1	2684.0	33653.	3875.0	14.993	2938.0
#2	2657.5	34066.	3876.0	16.383	2926.5
#3	2701.5	33893.	3929.2	14.793	2968.7

Sample Name: K1404-02 Acquired: 2/12/2019 19:14:21 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC12-SS1-7. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	-.08630	.11341	-.00736	-.02014	235.41	1.0690
Stddev	.00139	.00156	.00054	.00121	.00032	4.04	.0101
%RSD	45.186	1.8082	.47235	16.414	1.5977	1.7154	.94651

#1	.00384	-.08782	.11282	-.00744	-.01977	230.87	1.0626
#2	.00147	-.08471	.11352	-.00853	-.02027	236.76	1.0637
#3	.00390	-.08638	.11388	-.00612	-.02037	238.60	1.0806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01632	.03565	17.510	.00745	.09086	.07153	136.15
Stddev	.00015	.00001	.144	.00051	.00020	.00028	.20
%RSD	.89349	.03493	.82102	6.7851	.22405	.39141	.14426

#1	.01615	.03565	17.427	.00687	.09063	.07179	136.00
#2	.01642	.03565	17.427	.00781	.09101	.07157	136.37
#3	.01639	.03563	17.676	.00767	.09093	.07124	136.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8269	10.665	.02575	-.01984	.72255	.03261	1.3198
Stddev	.0904	.170	.00046	.00078	.00159	.00055	.0055
%RSD	1.8728	1.5946	1.7832	3.9347	.21983	1.6828	.41930

#1	4.9307	10.525	.02530	-.01895	.72314	.03211	1.3262
#2	4.7846	10.615	.02622	-.02021	.72375	.03253	1.3169
#3	4.7654	10.854	.02572	-.02037	.72075	.03320	1.3164

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.882	.00850	-.01689	1.2662	3.2849	.03863	1.4198
Stddev	.093	.00027	.00482	.0279	.0259	.00161	.0175
%RSD	.85494	3.1878	28.523	2.2027	.78845	4.1554	1.2312

#1	10.828	.00829	-.01307	1.2393	3.3143	.03894	1.4085
#2	10.828	.00840	-.01530	1.2644	3.2656	.03690	1.4109
#3	10.989	.00880	-.02230	1.2950	3.2748	.04006	1.4399

Sample Name: K1404-02 Acquired: 2/12/2019 19:14:21 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC12-SS1-7. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01775	F 12.38	.03086	^ *****	F<.00000
Stddev	.00012	.04	.00170	-----	39.494
%RSD	.66578	.2896	5.5249	-----	.71517
#1	.01761	12.41	.02990	^ -----	-5481.0
#2	.01781	12.38	.02985	^ -----	-5526.5
#3	.01783	12.34	.03283	^ -----	-5559.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8012.5	101060.	11839.	15.230	2863.3
Stddev	21.8	1025.	16.	.691	10.8
%RSD	.27215	1.0143	.13563	4.5363	.37824
#1	7988.1	102180.	11834.	15.087	2851.9
#2	8019.4	100160.	11857.	14.621	2864.6
#3	8030.0	100830.	11827.	15.981	2873.4

Sample Name: K1404-02DUP Acquired: 2/12/2019 19:18:56 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	-.08487	.11488	-.00830	-.02068	237.45	1.0731
Stddev	.00195	.00103	.00028	.00196	.00091	.62	.0064
%RSD	71.396	1.2186	.24655	23.629	4.4219	.26126	.59376

#1	.00418	-.08483	.11520	-.00923	-.02162	236.74	1.0666
#2	.00352	-.08386	.11465	-.00962	-.02061	237.81	1.0794
#3	.00051	-.08593	.11479	-.00605	-.01980	237.81	1.0733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01677	.03674	17.546	.00794	.09322	.07262	136.42
Stddev	.00017	.00029	.056	.00020	.00050	.00003	.55
%RSD	1.0316	.79914	.31985	2.5355	.53522	.04073	.40123

#1	.01662	.03701	17.487	.00771	.09340	.07259	136.98
#2	.01696	.03643	17.553	.00805	.09361	.07264	136.38
#3	.01674	.03679	17.598	.00807	.09266	.07264	135.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8525	10.740	.02661	-.02055	.63326	.03330	1.3421
Stddev	.0180	.080	.00171	.00032	.00583	.00032	.0044
%RSD	.37000	.74646	6.4229	1.5667	.92117	.95928	.32763

#1	4.8561	10.648	.02467	-.02024	.63009	.03323	1.3433
#2	4.8684	10.790	.02788	-.02053	.62971	.03302	1.3457
#3	4.8331	10.783	.02727	-.02088	.64000	.03364	1.3372

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.869	.00862	-.01852	1.2922	3.1846	.03967	1.4216
Stddev	.024	.00006	.00384	.0376	.0031	.00076	.0094
%RSD	.22187	.69039	20.707	2.9055	.09692	1.9181	.66209

#1	10.863	.00869	-.01465	1.2546	3.1880	.03884	1.4168
#2	10.895	.00857	-.02232	1.2924	3.1837	.04033	1.4156
#3	10.848	.00862	-.01860	1.3297	3.1820	.03984	1.4325

Sample Name: K1404-02DUP Acquired: 2/12/2019 19:18:56 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01771	F 12.64	.03084	^ *****	F<.00000
Stddev	.00093	.04	.00061	-----	26.623
%RSD	5.2422	.3301	1.9837	-----	.47883
#1	.01728	12.65	.03014	^ -----	-5572.0
#2	.01707	12.68	.03114	^ -----	-5529.5
#3	.01877	12.60	.03125	^ -----	-5578.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8043.5	100410.	11861.	16.276	2829.9
Stddev	16.8	302.	43.	.401	9.7
%RSD	.20850	.30066	.36272	2.4667	.34211
#1	8027.0	100160.	11821.	16.422	2828.6
#2	8042.9	100330.	11855.	15.821	2821.0
#3	8060.5	100740.	11906.	16.583	2840.2

Sample Name: CCV08 Acquired: 2/12/2019 19:23:31 Type: Unk
Method: P4-ICP2(v2843) 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	5.1461	5.2426	5.0343	5.2620	5.2200	10.727	10.515	.25268
Stddev	.0147	.0108	.0204	.0119	.0225	.114	.044	.00075
%RSD	.28645	.20536	.40431	.22537	.43050	1.0643	.41653	.29788
#1	5.1631	5.2519	5.0537	5.2727	5.2450	10.607	10.478	.25189
#2	5.1374	5.2308	5.0361	5.2641	5.2134	10.740	10.564	.25339
#3	5.1379	5.2450	5.0131	5.2493	5.2015	10.834	10.503	.25277
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5272	26.067	1.0399	2.5412	1.3144	4.9676	2.5671	24.758
Stddev	.0081	.170	.0041	.0060	.0030	.0090	.0020	.175
%RSD	.32153	.65109	.39464	.23477	.22978	.18184	.07622	.70801
#1	2.5329	25.878	1.0362	2.5459	1.3179	4.9721	2.5676	24.582
#2	2.5309	26.207	1.0443	2.5432	1.3127	4.9735	2.5687	24.758
#3	2.5179	26.115	1.0393	2.5345	1.3126	4.9572	2.5649	24.933
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5859	1.2948	25.643	2.6162	2.5074	25.728	5.1489	5.1289
Stddev	.0085	.0002	.071	.0079	.0093	.093	.0134	.0274
%RSD	.32745	.01729	.27520	.30143	.37101	.36238	.26030	.53528
#1	2.5897	1.2950	25.587	2.6237	2.5167	25.624	5.1643	5.1117
#2	2.5918	1.2946	25.722	2.6168	2.5073	25.756	5.1398	5.1144
#3	2.5762	1.2948	25.620	2.6080	2.4981	25.804	5.1426	5.1605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2888	5.0044	5.1144	5.1543	5.2428	5.217	5.2376	F 3.7049
Stddev	.0291	.0022	.0079	.0199	.0223	.011	.0277	.1111
%RSD	.55093	.04383	.15399	.38566	.42616	.2111	.52782	2.9976
#1	5.3206	5.0019	5.1185	5.1316	5.2352	5.229	5.2245	3.6980
#2	5.2827	5.0055	5.1193	5.1686	5.2680	5.208	5.2694	3.8192
#3	5.2633	5.0058	5.1053	5.1628	5.2253	5.215	5.2190	3.5974

Sample Name: CCV08 Acquired: 2/12/2019 19:23:31 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 7.1261
Stddev	1.5430
%RSD	21.653

#1	8.4778
#2	7.4556
#3	5.4450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.0	35444.	3899.8	15.161	3112.7
Stddev	11.2	124.	22.3	.698	16.1
%RSD	.40369	.34848	.57261	4.6015	.51706

#1	2773.0	35449.	3885.2	14.378	3098.5
#2	2786.5	35318.	3888.8	15.718	3109.4
#3	2795.4	35565.	3925.5	15.387	3130.2

Sample Name: CCB08 Acquired: 2/12/2019 19:27:30 Type: Unk
Method: P4-ICP2(v2843) 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	.00077	.00130	-.00108	-.00234	.00149	.00014	-.01247
Stddev	.00284	.00159	.00049	.00143	.00125	.00524	.00197
%RSD	370.74	122.47	45.384	61.252	84.040	3832.5	15.758

#1	.00176	.00096	-.00097	-.00241	.00158	-.00155	-.01247
#2	.00297	.00303	-.00161	-.00088	.00270	-.00405	-.01051
#3	-.00244	-.00010	-.00065	-.00374	.00020	.00601	-.01444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.00368	.00448	.00035	.00029	.01762
Stddev	.00002	.00008	.01342	.00044	.00011	.00017	.00175
%RSD	120.22	432.27	365.23	9.9037	30.236	60.181	9.9292

#1	.00003	.00006	-.01260	.00481	.00028	.00009	.01910
#2	.00000	-.00002	-.01018	.00464	.00031	.00041	.01569
#3	.00001	-.00009	.01176	.00397	.00048	.00037	.01808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.06685	.00195	-.00012	.14778	-.00025	-.00003
Stddev	.00002	.04022	.00041	.00019	.00478	.00023	.00008
%RSD	5.8674	60.168	21.050	154.12	3.2362	94.579	253.11

#1	.00032	.03613	.00156	.00007	.14786	-.00028	.00005
#2	.00029	.05205	.00192	-.00014	.14296	.00000	-.00005
#3	.00028	.11238	.00238	-.00030	.15253	-.00046	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10575	-.00003	.00867	F -.02042	-.00006	-.00045	-.00381
Stddev	.04760	.00005	.00347	.01539	.00253	.00028	.00101
%RSD	45.015	183.96	40.000	75.370	4151.4	62.606	26.647

#1	.13899	-.00000	.01246	-.03604	.00190	-.00073	-.00274
#2	.12705	.00000	.00786	-.01996	.00083	-.00046	-.00476
#3	.05122	-.00008	.00567	-.00527	-.00292	-.00016	-.00392

Sample Name: CCB08 Acquired: 2/12/2019 19:27:30 Type: Unk
Method: P4-ICP2(v2843) 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	-.00230	.0029	.00017	2.0802	3.7000
Stddev	.00057	.0002	.00005	.0529	1.7621
%RSD	24.573	8.005	27.512	2.5448	47.625
#1	-.00165	.0031	.00013	2.0349	2.6817
#2	-.00269	.0026	.00022	2.0673	5.7348
#3	-.00257	.0030	.00015	2.1384	2.6836
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.7	37242.	3980.6	16.009	3501.8
Stddev	10.8	98.	34.5	.480	13.9
%RSD	.37096	.26213	.86760	2.9975	.39820
#1	2906.0	37211.	3976.2	15.861	3491.7
#2	2927.7	37351.	4017.1	15.620	3517.7
#3	2916.6	37163.	3948.4	16.545	3496.0

Sample Name: K1404-02LX5 Acquired: 2/12/2019 19:31:59 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.01465	.00814	.00385	-.00803	92.275	.45674
Stddev	.00282	.00184	.00151	.00099	.00066	4.154	.00433
%RSD	107.79	12.586	18.589	25.735	8.2829	4.5019	.94844

#1	.00534	-.01256	.00669	.00421	-.00796	87.494	.45227
#2	-.00030	-.01603	.00802	.00460	-.00740	94.331	.46091
#3	.00281	-.01536	.00971	.00273	-.00872	95.000	.45703

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00615	-.00078	7.6471	.00047	.01756	.02871	82.736
Stddev	.00031	.00017	.0373	.00054	.00016	.00044	.619
%RSD	5.0223	21.772	.48827	114.55	.90511	1.5234	.74813

#1	.00582	-.00069	7.6081	-.00014	.01741	.02854	82.036
#2	.00622	-.00067	7.6509	.00087	.01754	.02920	83.211
#3	.00643	-.00097	7.6824	.00068	.01772	.02837	82.960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1307	4.7716	.00193	-.00517	.32314	.01403	.23502
Stddev	.1102	.0556	.00006	.00078	.00999	.00126	.00007
%RSD	5.1712	1.1660	3.0479	15.129	3.0920	8.9808	.02957

#1	2.0035	4.7172	.00199	-.00428	.31874	.01259	.23504
#2	2.1943	4.8284	.00189	-.00576	.31610	.01462	.23494
#3	2.1944	4.7691	.00189	-.00548	.33457	.01490	.23508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7771	.00308	.03642	.23447	1.4360	.00766	.61195
Stddev	.0403	.00050	.00262	.03854	.0057	.00017	.00629
%RSD	.84406	16.201	7.1940	16.437	.39730	2.2096	1.0286

#1	4.7346	.00258	.03529	.19638	1.4340	.00748	.60660
#2	4.7821	.00358	.03942	.27344	1.4424	.00766	.61889
#3	4.8147	.00308	.03456	.23360	1.4316	.00782	.61038

Sample Name: K1404-02LX5 Acquired: 2/12/2019 19:31:59 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7924 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00603	2.409	-.01293	<.00000	F<.00000
Stddev	.00029	.006	.00053	1.1236	10.418
%RSD	4.8752	.2563	4.0974	18.148	1.0486
#1	.00570	2.402	-.01232	-7.4861	-981.47
#2	.00626	2.413	-.01329	-5.4751	-999.33
#3	.00613	2.412	-.01318	-5.6122	-999.70
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.8	51436.	5457.4	16.533	3221.3
Stddev	3.2	2156.	16.0	.338	1.2
%RSD	.08152	4.1915	.29294	2.0457	.03586
#1	3983.3	53926.	5444.6	16.727	3222.6
#2	3978.1	50204.	5452.3	16.729	3220.5
#3	3984.1	50179.	5475.3	16.142	3220.8

Sample Name: K1404-02A Acquired: 2/12/2019 19:36:27 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32510	2.4943	1.3671	.81016	.11309	231.49	3.7502
Stddev	.00129	.0063	.0017	.00560	.00212	1.79	.0077
%RSD	.39592	.25282	.12211	.69169	1.8776	.77489	.20436

#1	.32401	2.4885	1.3653	.80753	.11252	229.42	3.7436
#2	.32652	2.4935	1.3685	.81660	.11544	232.41	3.7586
#3	.32477	2.5010	1.3676	.80636	.11130	232.64	3.7484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10295	.29434	19.257	.17276	.38095	.19283	134.82
Stddev	.00033	.00017	.064	.00051	.00041	.00101	1.12
%RSD	.31663	.05719	.33435	.29725	.10696	.52345	.83424

#1	.10314	.29443	19.244	.17284	.38131	.19217	136.09
#2	.10257	.29444	19.327	.17221	.38051	.19399	134.38
#3	.10313	.29414	19.201	.17323	.38103	.19232	133.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8197	10.142	.69186	.01192	1.8450	.15647	1.6416
Stddev	.0233	.059	.00251	.00022	.0018	.00046	.0077
%RSD	.29779	.58401	.36263	1.8662	.09688	.29259	.46758

#1	7.7936	10.144	.68896	.01208	1.8456	.15594	1.6492
#2	7.8273	10.201	.69327	.01167	1.8464	.15677	1.6338
#3	7.8382	10.082	.69334	.01202	1.8430	.15670	1.6417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.491	.07402	.11195	1.4169	4.2683	.41190	1.4952
Stddev	.057	.00019	.00199	.0195	.0589	.00208	.0124
%RSD	.42328	.25169	1.7773	1.3745	1.3803	.50468	.82727

#1	13.463	.07390	.11052	1.4152	4.3360	.41430	1.4817
#2	13.557	.07423	.11111	1.3983	4.2404	.41083	1.5060
#3	13.454	.07392	.11422	1.4371	4.2284	.41058	1.4979

Sample Name: K1404-02A Acquired: 2/12/2019 19:36:27 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7924 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10349	F 21.04	.13691	^ *****	F<.00000
Stddev	.00100	.05	.00137	-----	5.1398
%RSD	.97088	.2566	1.0036	-----	.09268

#1	.10256	21.06	.13539	^ -----	-5544.6
#2	.10335	20.98	.13727	^ -----	-5541.5
#3	.10455	21.09	.13806	^ -----	-5551.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8392.2	104840.	12040.	16.566	2788.2
Stddev	16.9	203.	102.	.293	16.5
%RSD	.20100	.19335	.84375	1.7697	.59332

#1	8373.0	104660.	11922.	16.231	2772.3
#2	8404.9	105060.	12096.	16.777	2805.4
#3	8398.6	104810.	12101.	16.689	2787.0

Sample Name: K1404-02MSD Acquired: 2/12/2019 19:40:55 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14533 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25154	1.8701	1.0663	.62636	.24352	232.65	1.3183
Stddev	.00077	.0066	.0034	.00164	.00120	.44	.0072
%RSD	.30447	.35570	.31556	.26158	.49186	.18858	.54910

#1	.25222	1.8680	1.0688	.62803	.24489	232.49	1.3165
#2	.25168	1.8776	1.0678	.62630	.24269	232.31	1.3121
#3	.25071	1.8648	1.0625	.62475	.24298	233.15	1.3263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08360	.23045	18.868	.13528	.31177	.16619	137.76
Stddev	.00029	.00039	.040	.00052	.00066	.00055	.72
%RSD	.34189	.16800	.20966	.38281	.21230	.32948	.52062

#1	.08387	.23062	18.855	.13478	.31201	.16682	138.57
#2	.08330	.23000	18.912	.13524	.31228	.16579	137.49
#3	.08363	.23072	18.836	.13581	.31102	.16597	137.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3590	10.250	.53024	.00463	1.5560	.12954	1.5373
Stddev	.0158	.110	.00078	.00047	.0054	.00047	.0027
%RSD	.21401	1.0716	.14667	10.166	.34925	.36282	.17500

#1	7.3754	10.272	.53086	.00511	1.5621	.12904	1.5343
#2	7.3440	10.131	.52937	.00462	1.5544	.12958	1.5392
#3	7.3575	10.347	.53050	.00417	1.5516	.12998	1.5385

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.828	.13744	.09097	1.3769	5.9372	.76146	1.7881
Stddev	.048	.00015	.00687	.0109	.0209	.00406	.0106
%RSD	.37248	.10996	7.5484	.79143	.35215	.53373	.59409

#1	12.876	.13754	.09804	1.3885	5.9135	.76513	1.7775
#2	12.780	.13751	.08432	1.3668	5.9529	.76215	1.7879
#3	12.827	.13727	.09056	1.3754	5.9453	.75709	1.7988

Sample Name: K1404-02MSD Acquired: 2/12/2019 19:40:55 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14533 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08284	F 18.86	.11000	^ *****	F<.00000
Stddev	.00099	.00	.00112	-----	18.707
%RSD	1.1951	.0053	1.0155	-----	.35179
#1	.08214	18.86	.10887	^ -----	-5299.2
#2	.08241	18.86	.11002	^ -----	-5336.5
#3	.08397	18.87	.11110	^ -----	-5316.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8072.1	100600.	11542.	14.669	2753.3
Stddev	10.0	367.	43.	2.806	3.2
%RSD	.12438	.36510	.37125	19.129	.11547
#1	8078.8	100180.	11493.	15.941	2755.1
#2	8060.6	100810.	11572.	11.452	2749.6
#3	8077.0	100820.	11560.	16.614	2755.2

Sample Name: K1404-02MS Acquired: 2/12/2019 19:45:23 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14533 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25939	1.9017	1.0793	.64487	.25060	231.16	1.3143
Stddev	.00136	.0097	.0058	.00218	.00145	.81	.0013
%RSD	.52292	.50989	.53355	.33767	.58019	.35015	.10113

#1	.25834	1.8906	1.0738	.64655	.24938	230.37	1.3157
#2	.26092	1.9060	1.0789	.64565	.25021	231.99	1.3131
#3	.25891	1.9086	1.0853	.64241	.25220	231.12	1.3143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08526	.23257	18.802	.13832	.31311	.16848	138.23
Stddev	.00019	.00071	.040	.00062	.00112	.00051	1.39
%RSD	.21826	.30573	.21480	.45081	.35832	.30176	1.0080

#1	.08547	.23200	18.786	.13829	.31283	.16815	139.79
#2	.08512	.23234	18.847	.13895	.31216	.16822	137.10
#3	.08520	.23337	18.771	.13771	.31435	.16907	137.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3233	10.224	.53755	.00582	1.5891	.13203	1.5151
Stddev	.0171	.143	.00182	.00023	.0217	.00029	.0061
%RSD	.23339	1.3967	.33832	3.9778	1.3669	.22312	.40341

#1	7.3390	10.387	.53678	.00608	1.6142	.13228	1.5115
#2	7.3258	10.118	.53625	.00567	1.5772	.13210	1.5116
#3	7.3051	10.169	.53963	.00570	1.5760	.13171	1.5221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.903	.14091	.09683	1.3171	5.9836	.77553	1.7835
Stddev	.041	.00039	.00634	.0380	.0158	.00517	.0177
%RSD	.32149	.27546	6.5517	2.8873	.26383	.66701	.99439

#1	12.949	.14103	.10407	1.3291	5.9956	.77311	1.8039
#2	12.890	.14048	.09225	1.2745	5.9657	.77202	1.7749
#3	12.869	.14123	.09417	1.3477	5.9894	.78147	1.7718

Sample Name: K1404-02MS Acquired: 2/12/2019 19:45:23 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14533 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08577	F 18.75	.11045	^ *****	F<.00000
Stddev	.00031	.05	.00185	-----	14.187
%RSD	.36421	.2625	1.6716	-----	.26875
#1	.08608	18.71	.10840	^ -----	-5270.0
#2	.08577	18.74	.11198	^ -----	-5295.1
#3	.08545	18.81	.11097	^ -----	-5271.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8103.1	100900.	11529.	15.867	2788.1
Stddev	8.9	205.	36.	1.959	4.2
%RSD	.10963	.20351	.31024	12.347	.14975
#1	8101.8	100710.	11490.	15.123	2791.6
#2	8095.0	100860.	11560.	14.389	2789.2
#3	8112.6	101120.	11538.	18.089	2783.5

Sample Name: K1404-03 Acquired: 2/12/2019 19:49:50 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1404-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	-.10035	.12335	-.00762	-.02203	229.28	.91939
Stddev	.00029	.00164	.00449	.00326	.00108	2.38	.00218
%RSD	4.7457	1.6388	3.6399	42.814	4.8814	1.0374	.23730

#1	.00635	-.09905	.12402	-.00667	-.02087	227.68	.91742
#2	.00635	-.09979	.12747	-.00494	-.02225	228.16	.91902
#3	.00584	-.10220	.11856	-.01125	-.02299	232.02	.92174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01756	.04329	24.828	.00704	.11344	.08069	136.15
Stddev	.00016	.00029	.062	.00006	.00061	.00004	.73
%RSD	.91165	.66160	.24783	.89313	.53953	.05449	.53646

#1	.01738	.04327	24.758	.00708	.11406	.08069	135.72
#2	.01769	.04358	24.875	.00697	.11342	.08074	136.99
#3	.01761	.04301	24.850	.00707	.11284	.08065	135.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4208	9.5478	.03904	-.02373	.54588	.04019	1.4500
Stddev	.0062	.0601	.00044	.00056	.00066	.00050	.0067
%RSD	.13996	.62910	1.1274	2.3585	.12042	1.2550	.46506

#1	4.4272	9.5821	.03949	-.02328	.54589	.03979	1.4567
#2	4.4202	9.5829	.03861	-.02436	.54654	.04076	1.4432
#3	4.4149	9.4784	.03902	-.02354	.54522	.04004	1.4501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8664	.00899	-.01062	2.0288	2.2866	.04506	1.2585
Stddev	.0137	.00019	.00374	.0278	.0193	.00049	.0095
%RSD	.17458	2.0641	35.207	1.3694	.84237	1.0817	.75394

#1	7.8674	.00918	-.00762	2.0563	2.2911	.04460	1.2500
#2	7.8796	.00881	-.01481	2.0007	2.3033	.04557	1.2687
#3	7.8522	.00897	-.00943	2.0296	2.2655	.04503	1.2566

Sample Name: K1404-03 Acquired: 2/12/2019 19:49:50 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1404-02MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01752	F 15.38	.05212	^ *****	F<.00000
Stddev	.00107	.06	.00070	-----	7.8731
%RSD	6.1221	.3724	1.3337	-----	.12783
#1	.01706	15.44	.05183	^ -----	-6164.5
#2	.01874	15.32	.05161	^ -----	-6162.9
#3	.01676	15.39	.05291	^ -----	-6150.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9019.1	112160.	12921.	14.734	2727.0
Stddev	10.7	29.	110.	1.613	13.8
%RSD	.11875	.02547	.85491	10.947	.50452
#1	9009.2	112130.	12886.	14.182	2712.1
#2	9017.6	112170.	12832.	16.551	2739.1
#3	9030.4	112180.	13045.	13.470	2729.9

Sample Name: K1404-04 Acquired: 2/12/2019 19:54:25 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: K1404-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00671	-.08007	.12318	-.00594	-.01992	238.56	.98945
Stddev	.00195	.00266	.00154	.00325	.00040	1.76	.00057
%RSD	29.082	3.3206	1.2538	54.796	2.0153	.73664	.05766

#1	.00821	-.07920	.12140	-.00321	-.02037	236.62	.98956
#2	.00741	-.08305	.12416	-.00506	-.01981	240.05	.98996
#3	.00450	-.07795	.12398	-.00953	-.01959	239.02	.98884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01658	.03212	19.237	.00809	.09669	.08098	133.57
Stddev	.00006	.00051	.072	.00031	.00015	.00011	1.23
%RSD	.36269	1.5821	.37632	3.7753	.15838	.14082	.91847

#1	.01663	.03267	19.215	.00774	.09653	.08109	134.47
#2	.01661	.03201	19.179	.00831	.09673	.08087	132.17
#3	.01652	.03167	19.318	.00822	.09683	.08097	134.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3149	9.3194	.03241	-.01929	.59139	.03518	1.4552
Stddev	.0074	.0327	.00127	.00036	.00445	.00038	.0039
%RSD	.17061	.35123	3.9185	1.8552	.75320	1.0727	.26547

#1	4.3113	9.3116	.03095	-.01896	.59387	.03489	1.4593
#2	4.3101	9.2913	.03302	-.01967	.58625	.03560	1.4548
#3	4.3234	9.3553	.03327	-.01924	.59405	.03503	1.4516

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7883	.00933	.00065	1.6054	2.0203	.04304	1.2089
Stddev	.0298	.00040	.00456	.0101	.0195	.00098	.0062
%RSD	.33948	4.3250	698.28	.63040	.96503	2.2708	.51506

#1	8.7848	.00958	.00454	1.6162	2.0392	.04192	1.2153
#2	8.7604	.00953	.00179	1.6038	2.0003	.04373	1.2029
#3	8.8198	.00886	-.00437	1.5962	2.0213	.04348	1.2084

Sample Name: K1404-04 Acquired: 2/12/2019 19:54:25 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: K1404-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01565	F 12.78	.01904	^ *****	F<.00000
Stddev	.00049	.08	.00113	-----	13.280
%RSD	3.1589	.6505	5.9226	-----	.26515
#1	.01614	12.87	.01809	^ -----	-5023.3
#2	.01515	12.76	.02029	^ -----	-5003.5
#3	.01567	12.71	.01875	^ -----	-4998.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8101.6	100350.	11544.	15.410	2817.1
Stddev	2.4	135.	79.	.926	10.2
%RSD	.03023	.13490	.68791	6.0121	.36112
#1	8100.2	100440.	11472.	15.517	2805.6
#2	8104.4	100190.	11629.	14.434	2820.6
#3	8100.2	100400.	11531.	16.278	2825.1

Sample Name: K1404-05 Acquired: 2/12/2019 19:59:00 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-02-06-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00742	-.08940	.11350	-.00553	-.01996	212.16	.89930
Stddev	.00087	.00261	.00192	.00080	.00088	.74	.00125
%RSD	11.792	2.9145	1.6921	14.498	4.3957	.34955	.13886

#1	.00651	-.09152	.11412	-.00621	-.02070	211.33	.89961
#2	.00826	-.08649	.11503	-.00573	-.01899	212.74	.89792
#3	.00747	-.09019	.11135	-.00465	-.02019	212.42	.90035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01455	.03309	18.403	.00376	.10932	.07128	126.08
Stddev	.00005	.00041	.111	.00010	.00080	.00009	.23
%RSD	.34674	1.2421	.60055	2.6271	.72774	.13117	.17913

#1	.01453	.03344	18.366	.00386	.10984	.07120	126.27
#2	.01461	.03263	18.316	.00375	.10840	.07138	125.83
#3	.01452	.03319	18.527	.00366	.10971	.07125	126.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1995	10.306	.02905	-.01999	.48912	.03267	1.4019
Stddev	.0110	.029	.00066	.00009	.00164	.00031	.0038
%RSD	.26078	.28113	2.2814	.43327	.33620	.95815	.27334

#1	4.2075	10.318	.02869	-.01995	.48724	.03269	1.3991
#2	4.2040	10.274	.02863	-.01994	.49030	.03235	1.4003
#3	4.1870	10.328	.02981	-.02009	.48983	.03297	1.4062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6136	.00830	.00368	1.2217	1.9950	.04103	1.2989
Stddev	.0133	.00020	.00266	.0244	.0080	.00143	.0047
%RSD	.13864	2.3508	72.287	1.9938	.40285	3.4895	.36196

#1	9.6279	.00847	.00516	1.2209	2.0007	.04089	1.2949
#2	9.6015	.00809	.00061	1.1977	1.9858	.04252	1.3041
#3	9.6113	.00833	.00526	1.2464	1.9985	.03967	1.2976

Sample Name: K1404-05 Acquired: 2/12/2019 19:59:00 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP-02-06-19 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01644	F 12.35	.03800	^ *****	F<.00000
Stddev	.00072	.05	.00044	-----	18.362
%RSD	4.3764	.4171	1.1608	-----	.35652
#1	.01692	12.40	.03764	^ -----	-5150.4
#2	.01561	12.36	.03788	^ -----	-5168.5
#3	.01679	12.30	.03849	^ -----	-5131.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8776.6	109210.	12468.	16.648	2845.1
Stddev	9.3	366.	44.	1.926	4.8
%RSD	.10598	.33472	.35079	11.569	.16769
#1	8766.8	108970.	12418.	15.222	2845.2
#2	8785.3	109030.	12497.	18.839	2849.8
#3	8777.7	109630.	12488.	15.884	2840.2

Sample Name: K1404-06 Acquired: 2/12/2019 20:03:36 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC12-SS2-3. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02189	-.06805	.24750	-.00292	-.01766	127.32	.81658
Stddev	.00087	.00378	.00184	.00174	.00137	.66	.00584
%RSD	3.9940	5.5535	.74304	59.627	7.7351	.51895	.71488

#1	.02173	-.06926	.24946	-.00126	-.01650	126.92	.82212
#2	.02111	-.07108	.24582	-.00277	-.01917	128.08	.81715
#3	.02283	-.06382	.24720	-.00473	-.01731	126.96	.81048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01091	.02701	9.4265	.03525	.12026	.05645	116.78
Stddev	.00008	.00032	.0393	.00021	.00033	.00005	.45
%RSD	.72345	1.1829	.41699	.58427	.27799	.08618	.38354

#1	.01086	.02733	9.4137	.03515	.12064	.05649	117.26
#2	.01087	.02669	9.4706	.03549	.12002	.05640	116.70
#3	.01100	.02702	9.3951	.03511	.12012	.05647	116.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2724	8.4561	.11126	-.01667	.41375	.08970	1.0181
Stddev	.0183	.0252	.00064	.00007	.00497	.00051	.0030
%RSD	.55853	.29776	.57278	.39400	1.2006	.56357	.29716

#1	3.2520	8.4674	.11128	-.01663	.41767	.08937	1.0216
#2	3.2778	8.4273	.11189	-.01664	.40816	.08945	1.0161
#3	3.2873	8.4737	.11061	-.01675	.41542	.09028	1.0168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9590	.00542	.00549	.66432	.57109	.04129	.92903
Stddev	.0280	.00023	.00254	.02051	.00446	.00276	.00520
%RSD	.70755	4.1773	46.197	3.0875	.78070	6.6808	.55996

#1	3.9839	.00567	.00262	.68532	.57440	.04448	.92814
#2	3.9287	.00522	.00743	.64433	.56602	.03961	.92433
#3	3.9645	.00538	.00641	.66330	.57285	.03979	.93462

Sample Name: K1404-06 Acquired: 2/12/2019 20:03:36 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC12-SS2-3. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03420	F 12.10	-.07761	^ *****	F<.00000
Stddev	.00064	.08	.00065	-----	27.261
%RSD	1.8840	.6317	.83337	-----	.62351
#1	.03470	12.19	-.07812	^ -----	-4371.7
#2	.03444	12.05	-.07782	^ -----	-4345.2
#3	.03348	12.06	-.07688	^ -----	-4399.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8786.0	110580.	12322.	17.252	2935.5
Stddev	23.6	515.	68.	1.054	6.6
%RSD	.26918	.46542	.54939	6.1118	.22427
#1	8765.7	110440.	12246.	17.376	2928.1
#2	8780.4	110160.	12341.	16.141	2937.7
#3	8812.0	111150.	12377.	18.239	2940.7

Sample Name: K1404-07 Acquired: 2/12/2019 20:08:11 Type: Unk
Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC12-SS3-9. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00868	-.10797	.11260	-.00427	-.02147	161.18	.64100
Stddev	.00158	.00245	.00211	.00069	.00067	1.64	.00335
%RSD	18.167	2.2732	1.8768	16.139	3.1135	1.0157	.52266

#1	.00790	-.10604	.11058	-.00422	-.02120	159.33	.64235
#2	.00765	-.11073	.11242	-.00361	-.02223	161.78	.63718
#3	.01050	-.10713	.11480	-.00499	-.02098	162.44	.64345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01336	.03792	6.8682	.01806	.11678	.07572	136.59
Stddev	.00005	.00028	.0279	.00026	.00030	.00063	.55
%RSD	.35550	.74590	.40655	1.4652	.25411	.82658	.40545

#1	.01337	.03812	6.8510	.01797	.11693	.07525	137.08
#2	.01340	.03805	6.8532	.01786	.11698	.07547	136.71
#3	.01331	.03760	6.9004	.01836	.11644	.07643	135.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0590	10.700	.07786	-.02367	1.0018	.07466	1.2564
Stddev	.0135	.026	.00070	.00024	.0023	.00085	.0047
%RSD	.44074	.24529	.89271	1.0127	.23216	1.1325	.37667

#1	3.0615	10.700	.07805	-.02344	1.0043	.07425	1.2584
#2	3.0444	10.674	.07709	-.02366	.99982	.07411	1.2599
#3	3.0711	10.727	.07843	-.02392	1.0011	.07564	1.2510

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8287	.00645	-.00652	.53164	.77471	.03487	1.3612
Stddev	.0153	.00012	.00062	.04178	.00913	.00127	.0059
%RSD	.19539	1.8432	9.5383	7.8595	1.1781	3.6305	.43274

#1	7.8362	.00653	-.00612	.52253	.77571	.03366	1.3561
#2	7.8111	.00631	-.00723	.57723	.76513	.03475	1.3599
#3	7.8388	.00650	-.00620	.49516	.78330	.03619	1.3676

Sample Name: K1404-07 Acquired: 2/12/2019 20:08:11 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC12-SS3-9. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02636	F 11.10	-.05870	^ *****	F<.00000
Stddev	.00039	.03	.00052	-----	41.907
%RSD	1.4976	.2716	.88138	-----	.71604

#1	.02641	11.07	-.05925	^ -----	-5806.9
#2	.02594	11.12	-.05862	^ -----	-5861.5
#3	.02672	11.12	-.05822	^ -----	-5889.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9194.9	114690.	12851.	17.136	2830.6
Stddev	25.7	117.	95.	1.098	10.2
%RSD	.27899	.10189	.74090	6.4089	.36018

#1	9166.6	114630.	12742.	15.924	2821.9
#2	9201.3	114820.	12917.	17.419	2827.9
#3	9216.7	114610.	12894.	18.065	2841.8

Sample Name: K1404-08 Acquired: 2/12/2019 20:12:46 Type: Unk
Method: P4-ICP2(v2843) 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	.00670	-.12287	.17550	-.00627	-.02373	140.67	.87072
Stddev	.00058	.00111	.00092	.00201	.00055	.53	.00157
%RSD	8.6116	.90320	.52546	32.130	2.3259	.37509	.18060

#1	.00663	-.12268	.17604	-.00409	-.02333	140.13	.86976
#2	.00616	-.12406	.17444	-.00664	-.02350	140.70	.87253
#3	.00731	-.12186	.17603	-.00807	-.02436	141.19	.86985

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01661	.04204	10.428	.01625	.12935	.09293	141.39
Stddev	.00011	.00023	.012	.00024	.00073	.00103	.50
%RSD	.63980	.54108	.11579	1.4778	.56297	1.1124	.35017

#1	.01660	.04224	10.415	.01621	.12962	.09404	141.75
#2	.01650	.04207	10.439	.01603	.12990	.09200	141.60
#3	.01672	.04179	10.429	.01651	.12852	.09276	140.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4319	8.1243	.06822	-.02029	.55295	.06203	1.6079
Stddev	.0183	.0296	.00152	.00026	.00207	.00009	.0098
%RSD	.75171	.36470	2.2280	1.2588	.37384	.13939	.60945

#1	2.4525	8.1315	.06708	-.02045	.55434	.06193	1.5966
#2	2.4175	8.0917	.06763	-.02000	.55058	.06209	1.6139
#3	2.4258	8.1496	.06994	-.02043	.55394	.06207	1.6133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1540	.00654	-.00535	.32797	.91698	.04655	1.6046
Stddev	.0131	.00014	.00073	.02681	.00482	.00061	.0062
%RSD	.21346	2.0878	13.575	8.1758	.52568	1.3145	.38399

#1	6.1623	.00668	-.00465	.29890	.91756	.04589	1.6116
#2	6.1388	.00641	-.00529	.33328	.91190	.04710	1.6001
#3	6.1609	.00653	-.00610	.35174	.92149	.04666	1.6020

Sample Name: K1404-08 Acquired: 2/12/2019 20:12:46 Type: Unk
 Method: P4-ICP2(v2843) 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	.01969	F 17.77	-.04322	^ *****	F<.00000
Stddev	.00074	.05	.00056	-----	28.776
%RSD	3.7391	.2907	1.2906	-----	.46420
#1	.02050	17.71	-.04375	^ -----	-6176.1
#2	.01907	17.80	-.04328	^ -----	-6189.9
#3	.01951	17.80	-.04263	^ -----	-6231.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9256.9	115880.	12953.	15.702	2826.5
Stddev	8.4	428.	49.	.137	13.1
%RSD	.09066	.36912	.38051	.87245	.46178
#1	9247.4	115390.	12902.	15.859	2841.5
#2	9263.0	116180.	12955.	15.635	2820.3
#3	9260.4	116060.	13001.	15.611	2817.8

Sample Name: CCV09 Acquired: 2/12/2019 20:17:22 Type: Unk
Method: P4-ICP2(v2843) 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	5.1148	5.3436	5.0401	5.2782	5.1554	10.670	10.688	.25413
Stddev	.0057	.0134	.0061	.0078	.0099	.090	.089	.00010
%RSD	.11114	.25123	.12133	.14796	.19174	.84740	.83576	.03844
#1	5.1167	5.3357	5.0364	5.2698	5.1540	10.635	10.613	.25419
#2	5.1193	5.3591	5.0471	5.2797	5.1659	10.773	10.665	.25402
#3	5.1084	5.3361	5.0368	5.2852	5.1463	10.603	10.787	.25418
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5711	26.719	1.0563	2.5627	1.3285	5.1486	2.5741	25.461
Stddev	.0058	.116	.0059	.0058	.0009	.0547	.0038	.130
%RSD	.22389	.43408	.56138	.22787	.07019	1.0631	.14931	.51132
#1	2.5656	26.585	1.0499	2.5575	1.3281	5.1120	2.5707	25.312
#2	2.5771	26.777	1.0576	2.5690	1.3296	5.1223	2.5734	25.513
#3	2.5708	26.794	1.0615	2.5617	1.3279	5.2115	2.5783	25.556
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6604	1.3015	26.603	2.6994	2.5046	26.308	5.1112	5.2316
Stddev	.0083	.0027	.203	.0048	.0063	.196	.0110	.0259
%RSD	.31226	.20967	.76311	.17715	.25223	.74684	.21483	.49471
#1	2.6519	1.3002	26.451	2.7014	2.5023	26.124	5.1073	5.2064
#2	2.6685	1.2997	26.524	2.6940	2.5117	26.285	5.1236	5.2304
#3	2.6607	1.3047	26.834	2.7029	2.4997	26.515	5.1027	5.2581
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4018	5.3135	5.2094	5.1827	5.3106	5.354	5.2610	F 3.7180
Stddev	.0592	.0639	.0125	.0190	.0289	.007	.0375	.0560
%RSD	1.0965	1.2026	.23938	.36688	.54365	.1278	.71356	1.5048
#1	5.3845	5.2929	5.2002	5.1625	5.2933	5.347	5.2326	3.6933
#2	5.4677	5.2624	5.2236	5.1852	5.2946	5.361	5.2468	3.6786
#3	5.3531	5.3851	5.2043	5.2002	5.3439	5.353	5.3035	3.7820

Sample Name: CCV09 Acquired: 2/12/2019 20:17:22 Type: Unk
 Method: P4-ICP2(v2843) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 9.5145
Stddev	2.3661
%RSD	24.868

#1	9.7779
#2	7.0277
#3	11.738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.6	35076.	3747.9	14.230	3059.2
Stddev	4.7	31.	31.9	.708	6.0
%RSD	.16985	.08936	.85182	4.9730	.19692

#1	2783.8	35111.	3763.6	14.125	3057.5
#2	2786.1	35064.	3769.0	13.580	3054.1
#3	2792.9	35052.	3711.2	14.984	3065.8

Sample Name: CCB09 Acquired: 2/12/2019 20:21:22 Type: Unk
Method: P4-ICP2(v2843) 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	.00110	.00041	-.00065	-.00447	.00035	.00503	-.00267
Stddev	.00297	.00024	.00015	.00189	.00094	.01240	.00031
%RSD	270.04	59.224	22.759	42.281	264.82	246.36	11.777

#1	.00451	.00063	-.00079	-.00650	-.00069	.01901	-.00248
#2	-.00026	.00046	-.00050	-.00276	.00061	-.00467	-.00250
#3	-.00094	.00015	-.00066	-.00415	.00114	.00077	-.00304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00000	-.01554	.00025	.00002	-.00007	-.00064
Stddev	.00006	.00003	.01773	.00044	.00014	.00003	.00116
%RSD	407.15	1439.1	114.03	173.00	655.19	46.997	181.10

#1	-.00004	.00003	-.03487	.00069	.00017	-.00007	-.00032
#2	.00005	.00000	-.00004	.00026	-.00002	-.00009	-.00192
#3	-.00006	-.00004	-.01173	-.00019	-.00009	-.00003	.00033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.08693	.00038	-.00067	.05704	-.00029	-.00036
Stddev	.00002	.02742	.00012	.00011	.00139	.00021	.00004
%RSD	30.110	31.542	32.881	16.249	2.4379	73.974	11.804

#1	.00008	.10737	.00050	-.00067	.05756	-.00052	-.00031
#2	.00005	.05577	.00025	-.00056	.05547	-.00024	-.00039
#3	.00005	.09765	.00038	-.00078	.05810	-.00010	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05183	-.00001	.01004	F -.04927	.00112	.00016	-.00236
Stddev	.01627	.00027	.00281	.00979	.00075	.00091	.00224
%RSD	31.389	2251.8	27.958	19.875	67.134	553.01	95.037

#1	.05781	.00029	.00715	-.04605	.00149	.00113	-.00027
#2	.06426	-.00021	.01275	-.06027	.00161	.00004	-.00208
#3	.03342	-.00011	.01021	-.04150	.00025	-.00067	-.00473

Sample Name: CCB09 Acquired: 2/12/2019 20:21:22 Type: Unk
 Method: P4-ICP2(v2843) 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	-.00306	.0032	.00019	F 2.4822	F 4.1947
Stddev	.00134	.0011	.00009	.0990	2.8005
%RSD	43.880	33.62	44.079	3.9880	66.764
#1	-.00280	.0045	.00012	2.5783	5.7716
#2	-.00186	.0026	.00018	2.3805	.96124
#3	-.00451	.0026	.00029	2.4878	5.8512
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.2	36528.	3733.2	15.286	3426.6
Stddev	11.0	28.	13.8	.723	9.3
%RSD	.37810	.07698	.36844	4.7275	.27084
#1	2892.1	36555.	3726.9	15.193	3421.4
#2	2912.7	36530.	3749.0	14.614	3437.3
#3	2895.9	36499.	3723.8	16.050	3421.1