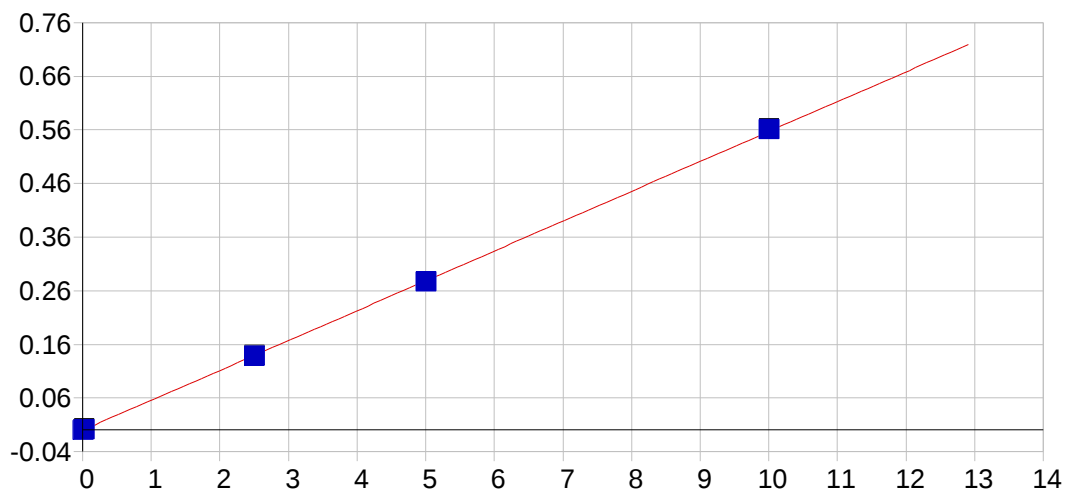


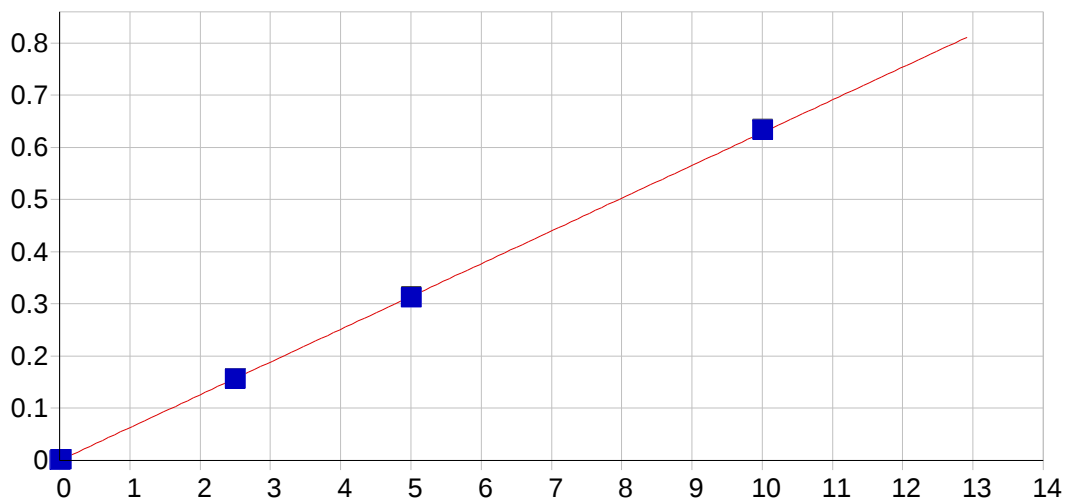


As 189.042 {478}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.055710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003246
 Predicted MQL: 0.010821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02053	.001	2.67	.00102	.000	1
S3	2.5000	2.4799	-.020	-.805	.13802	.001	1
S4	5.0000	4.9554	-.045	-.892	.27593	.001	1
S5	10.000	10.064	.064	.642	.56052	.002	1



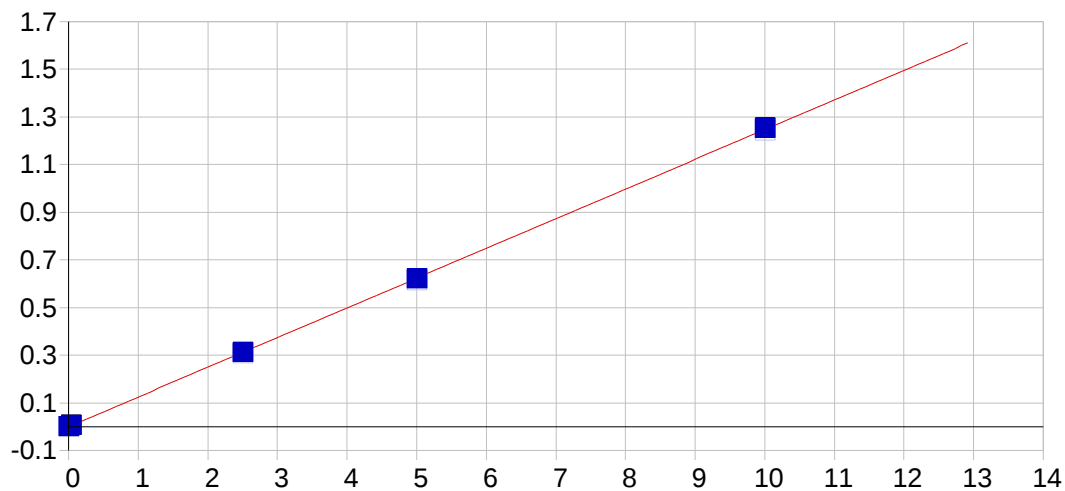
As 189.042 {479}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000155 Re-Slope: 1.000000

A1 (Gain): 0.062816 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002384
 Predicted MQL: 0.007948

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.02000	.01857	-.001	-7.15	.00132	.000	1
S3	2.5000	2.4800	-.020	-.798	.15594	.000	1
S4	5.0000	4.9549	-.045	-.901	.31141	.001	1
S5	10.000	10.066	.066	.665	.63250	.002	1

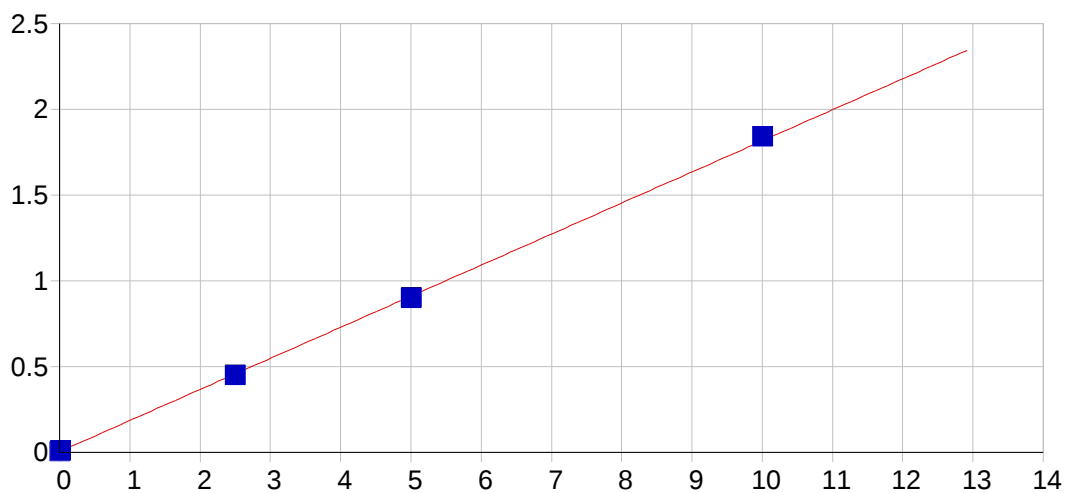


TI 190.856 {477}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000
 A1 (Gain): 0.124692 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001211
 Predicted MQL: 0.004038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.04000	.04047	.000	1.18	.00481	.000	1
S3	2.5000	2.4849	-.015	-.603	.30655	.000	1
S4	5.0000	4.9691	-.031	-.617	.61312	.001	1
S5	10.000	10.045	.045	.455	1.2397	.001	1

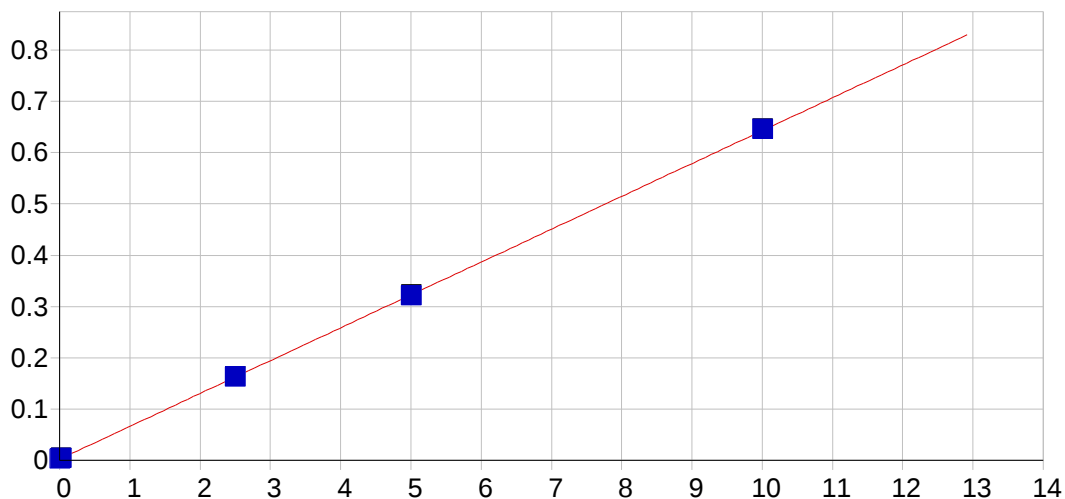


Pb 220.353 {453}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004644 Re-Slope: 1.000000
 A1 (Gain): 0.181147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001131
 Predicted MQL: 0.003770

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00464	.000	1
S1	.01200	.01110	-.001	-7.47	.00662	.000	1
S3	2.5000	2.4471	-.053	-2.12	.44736	.002	1
S4	5.0000	4.9300	-.070	-1.40	.89655	.002	1
S5	10.000	10.124	.124	1.24	1.8363	.002	1



Se 196.090 {472}

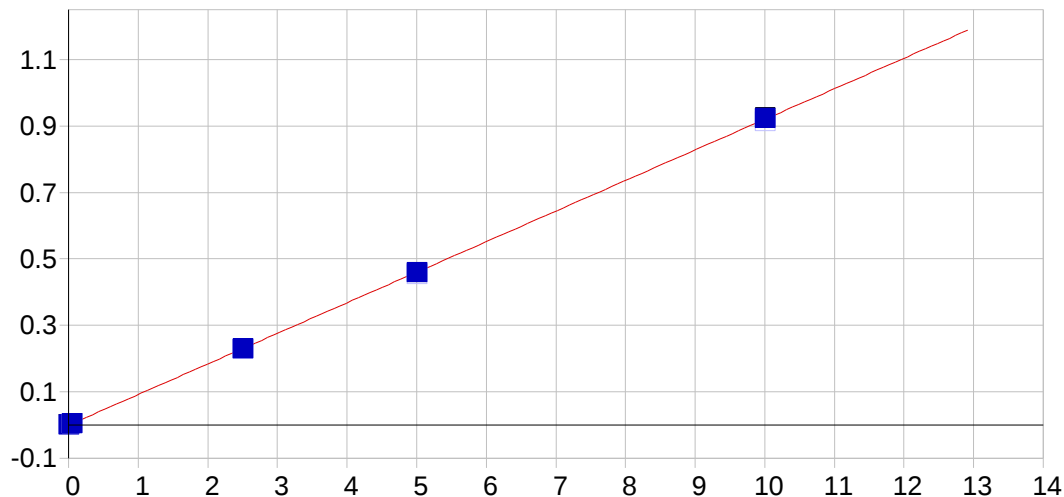
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002183 Re-Slope: 1.000000
 A1 (Gain): 0.064071 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990
 Std Error of Est: 0.000007
 Predicted MDL: 0.002897
 Predicted MQL: 0.009658

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00218	.000	1
S1	.02000	.01904	-.001	-4.82	.00340	.000	1
S3	2.5000	2.4968	-.003	-.129	.16207	.000	1
S4	5.0000	4.9702	-.030	-.596	.32046	.001	1
S5	10.000	10.034	.034	.340	.64474	.001	1



Sb 206.833 {463}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

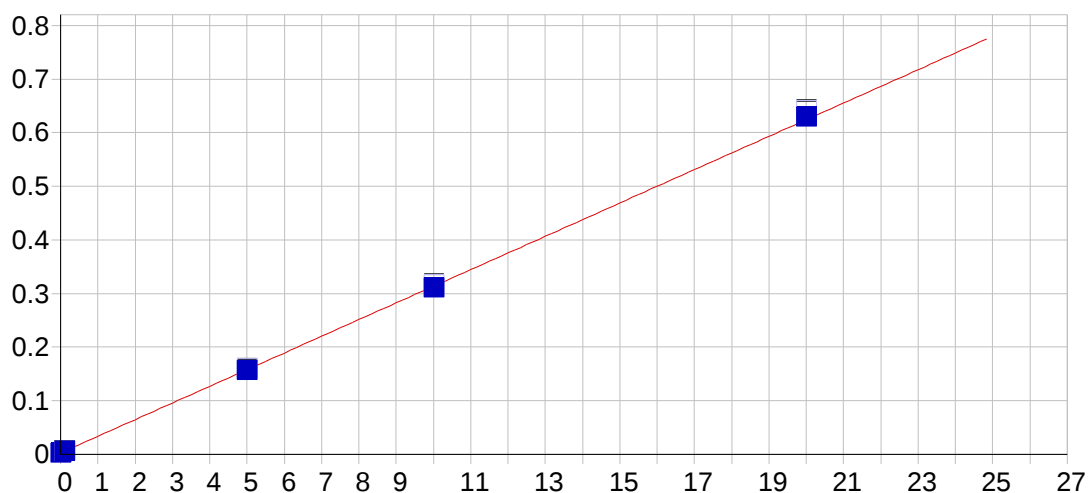
Weighting: 1/Conc

A0 (Offset): -0.000001
 A1 (Gain): 0.092003
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000015
 Predicted MDL: 0.002226
 Predicted MQL: 0.007420

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	-.00000	.000	1
S1	.05000	.05169	.002	3.37	.00464	.000	1
S3	2.5000	2.4902	-.010	-.390	.22652	.000	1
S4	5.0000	4.9754	-.025	-.493	.45257	.000	1
S5	10.000	10.033	.033	.327	.91269	.002	1

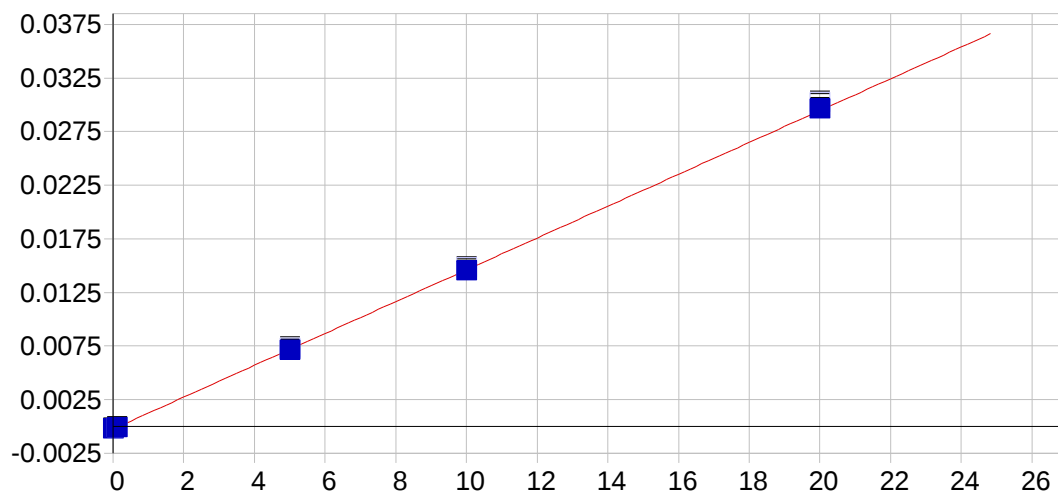


AI 308.215 {109}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002683 Re-Slope: 1.000000
 A1 (Gain): 0.031080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002916
 Predicted MQL: 0.009719

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00268	.000	1
S1	.10000	.11042	.010	10.4	.00633	.000	1
S3	5.0000	4.9467	-.053	-1.07	.15952	.000	1
S4	10.000	9.9083	-.092	-.917	.31682	.000	1
S5	20.000	20.134	.134	.670	.64083	.001	1



AI 309.271 {109}

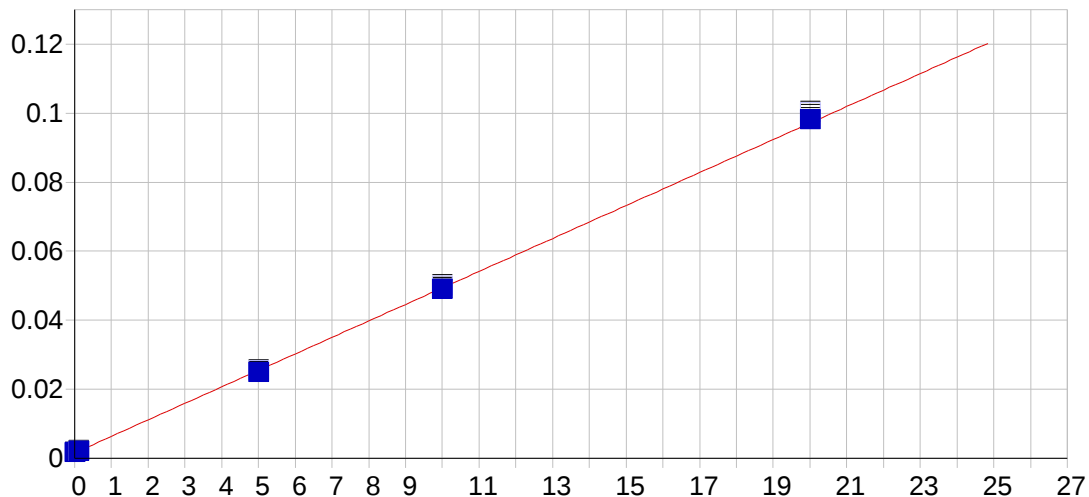
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.001484 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000001
 Predicted MDL: 0.045564
 Predicted MQL: 0.151878

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00023	.000	1
S1	.10000	.09057	-.009	-9.43	-.00009	.000	1
S3	5.0000	4.9527	-.047	-.946	.00727	.000	1
S4	10.000	9.9475	-.053	-.525	.01483	.000	1
S5	20.000	20.110	.110	.549	.03021	.000	1

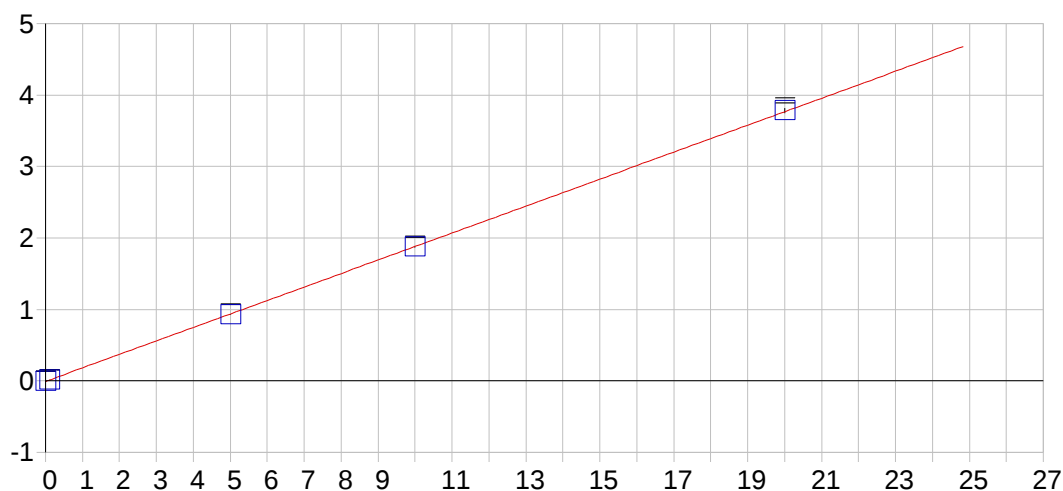


AI 396.152 { 85}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001598 Re-Slope: 1.000000
 A1 (Gain): 0.004777 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.020931
 Predicted MQL: 0.069771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00160	.000	1
S1	.10000	.09668	-.003	-3.32	.00209	.000	1
S3	5.0000	4.8855	-.115	-2.29	.02541	.000	1
S4	10.000	9.8997	-.100	-1.00	.04984	.000	1
S5	20.000	20.218	.218	1.09	.10008	.000	1

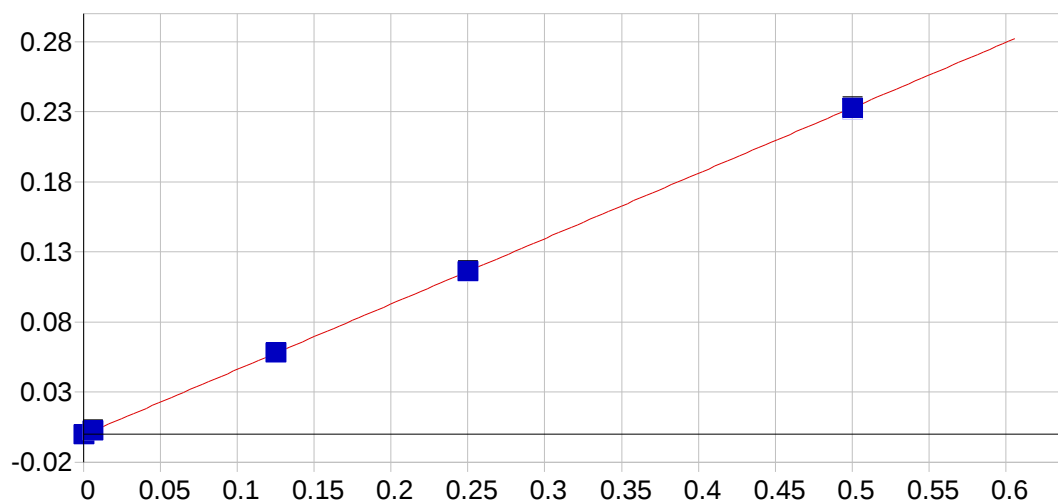


Ba 493.409 { 68}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006393 Re-Slope: 1.000000
 A1 (Gain): 0.188664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001115
 Predicted MQL: 0.003715

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00639	.000	1
S1	.10000	.10247	.002	2.47	.01294	.000	1
S3	5.0000	4.9544	-.046	-.912	.92833	.007	1
S5	20.000	20.072	.072	.361	3.7805	.035	1
S4	10.000	9.9709	-.029	-.291	1.8748	.006	1



Be 234.861 {144}

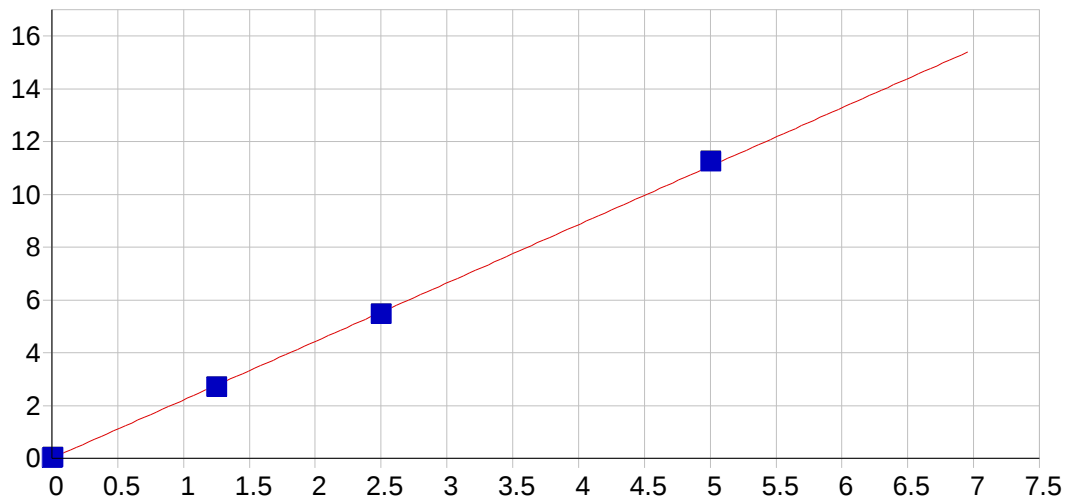
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000407 Re-Slope: 1.000000
 A1 (Gain): 0.466461 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000008
 Predicted MDL: 0.000103
 Predicted MQL: 0.000343

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00041	.000	1
S1	.00600	.00641	.000	6.86	.00255	.000	1
S3	.12500	.12493	-.000	-.059	.05750	.000	1
S4	.25000	.25001	.000	.003	.11548	.000	1
S5	.50000	.49966	-.000	-.069	.23120	.001	1

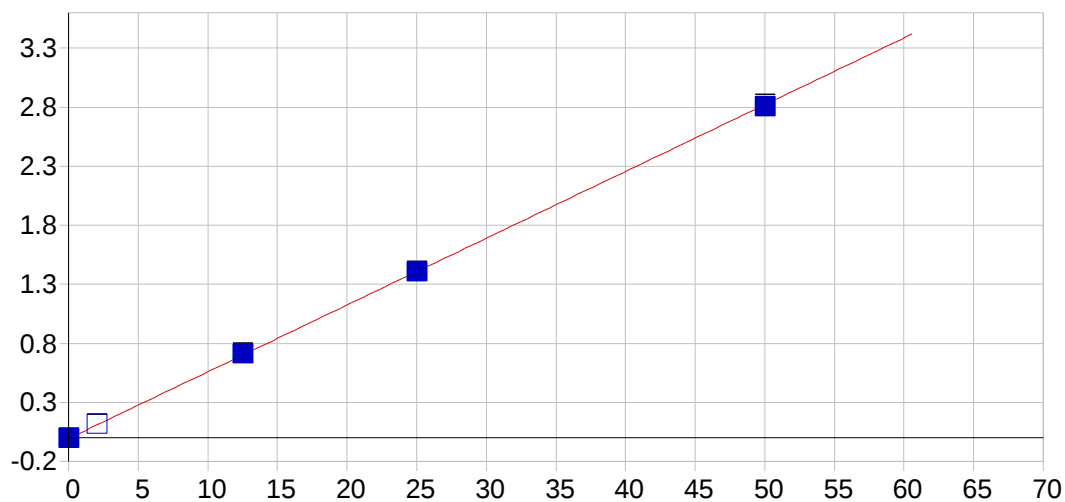


Cd 226.502 {449}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000218 Re-Slope: 1.000000
 A1 (Gain): 2.213783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000380
 Predicted MDL: 0.000105
 Predicted MQL: 0.000352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00600	.00577	-.000	-3.90	.01301	.000	1
S3	1.2500	1.2122	-.038	-3.02	2.6845	.007	1
S4	2.5000	2.4608	-.039	-1.57	5.4492	.005	1
S5	5.0000	5.0772	.077	1.54	11.243	.005	1

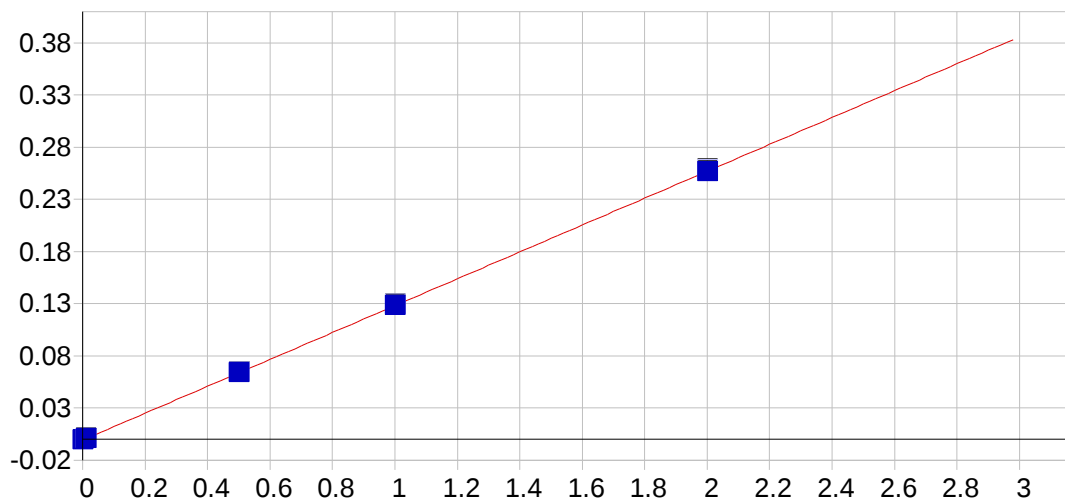


Ca 373.690 { 90}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006665 Re-Slope: 1.000000
 A1 (Gain): 0.056558 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.023561
 Predicted MQL: 0.078537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1355	.135	6.77	.11411	.002	1
S0	.00000	-.00015	-.000	.000	-.00667	.000	1
S3	12.500	12.681	.181	1.45	.71091	.004	1
S4	25.000	24.989	-.011	-.045	1.4074	.001	1
S5	50.000	49.695	-.305	-.610	2.8055	.017	1



Cr 267.716 {126}

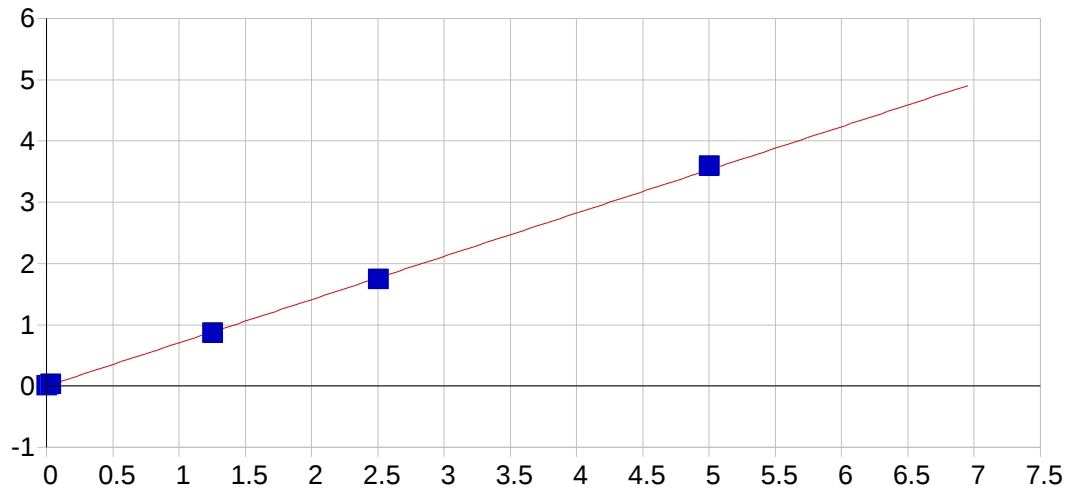
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000591 Re-Slope: 1.000000
 A1 (Gain): 0.128801 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000003
 Predicted MDL: 0.000550
 Predicted MQL: 0.001833

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.01000	.01014	.000	1.43	.00072	.000	1
S3	.50000	.50273	.003	.545	.06467	.000	1
S4	1.0000	1.0023	.002	.232	.12952	.000	1
S5	2.0000	1.9948	-.005	-.259	.25837	.001	1



Co 228.616 {447}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

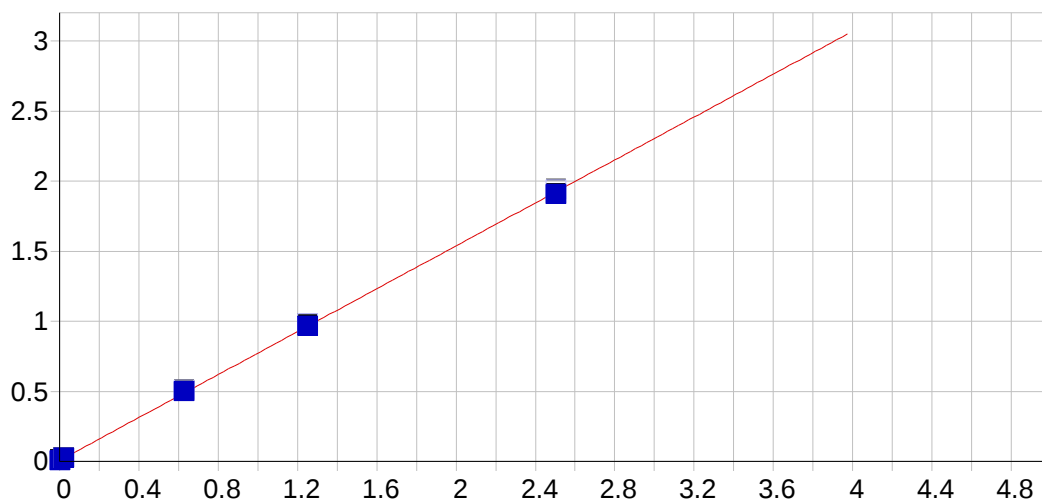
Weighting: 1/Conc

A0 (Offset): -0.000211
 A1 (Gain): 0.705908
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842
 Std Error of Est: 0.000263
 Predicted MDL: 0.000277
 Predicted MQL: 0.000922

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	-.00021	.000	1
S1	.03000	.02899	-.001	-3.37	.02011	.000	1
S3	1.2500	1.2171	-.033	-2.64	.85961	.003	1
S4	2.5000	2.4576	-.042	-1.70	1.7360	.001	1
S5	5.0000	5.0763	.076	1.53	3.5860	.003	1

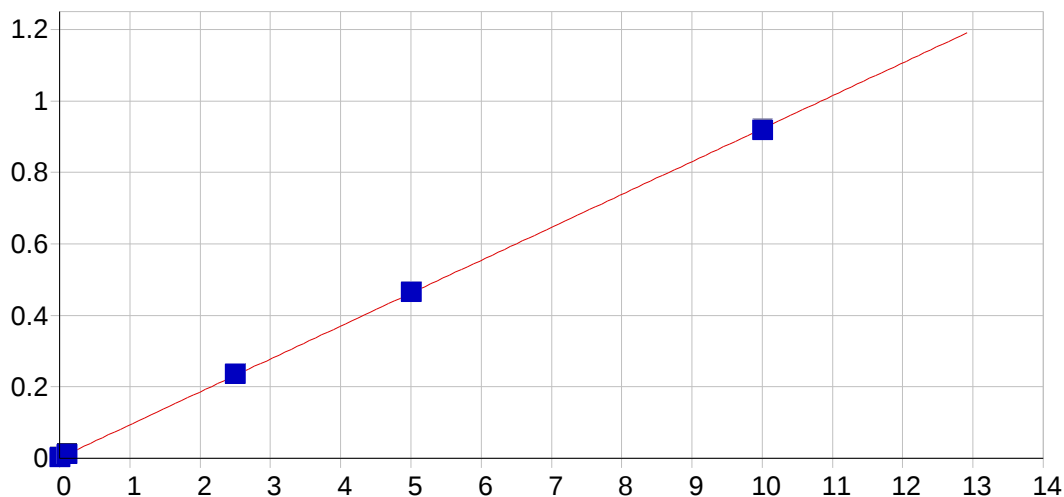


Cu 224.700 {450}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006728 Re-Slope: 1.000000
 A1 (Gain): 0.766150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.000441
 Predicted MQL: 0.001471

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00673	.000	1
S1	.02000	.02239	.002	11.9	.02412	.000	1
S3	.62500	.64120	.016	2.59	.50572	.001	1
S4	1.2500	1.2503	.000	.025	.98013	.003	1
S5	2.5000	2.4811	-.019	-.756	1.9386	.002	1



Fe 240.488 {140}

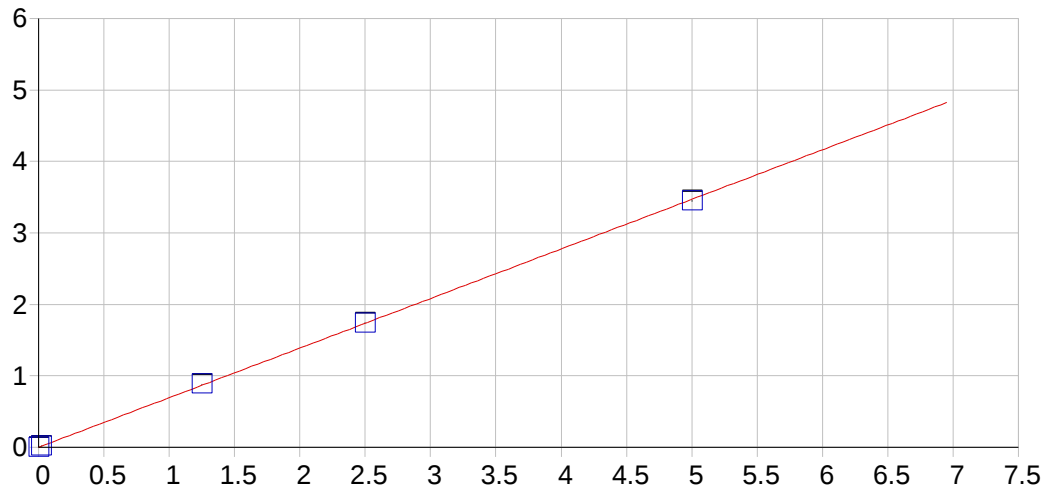
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001683 Re-Slope: 1.000000
 A1 (Gain): 0.092085 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955
 Std Error of Est: 0.000047
 Predicted MDL: 0.000640
 Predicted MQL: 0.002135

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00168	.000	1
S1	.10000	.10763	.008	7.63	.01164	.000	1
S3	2.5000	2.5388	.039	1.55	.23633	.000	1
S4	5.0000	5.0143	.014	.286	.46514	.001	1
S5	10.000	9.9393	-.061	-.607	.92039	.001	1



Mn 257.610 {131}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

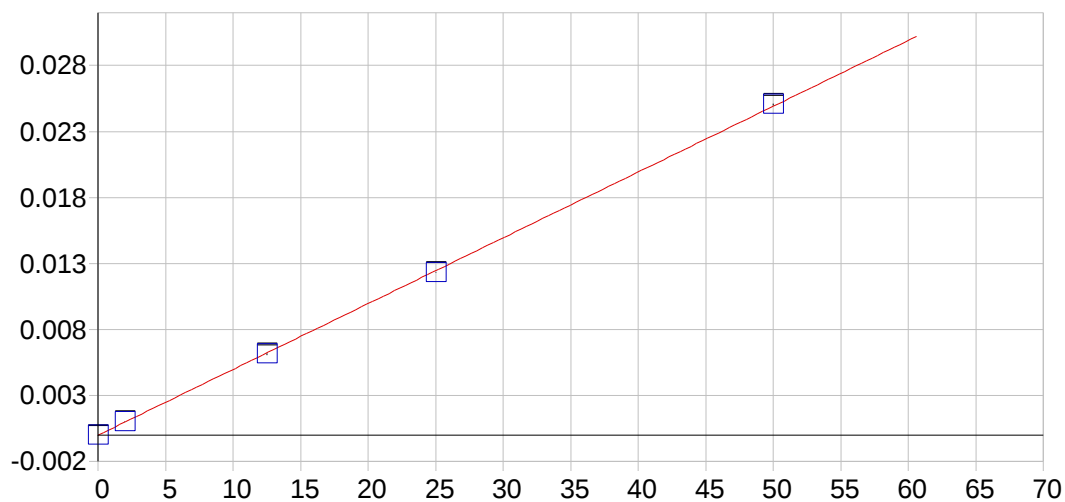
Weighting: 1/Conc

A0 (Offset): 0.000400
 A1 (Gain): 0.693779
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000123
 Predicted MDL: 0.000088
 Predicted MQL: 0.000293

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	.00040	.000	1
S1	.02000	.02274	.003	13.7	.01618	.000	1
S3	1.2500	1.2710	.021	1.68	.88220	.002	1
S4	2.5000	2.5077	.008	.306	1.7402	.004	1
S5	5.0000	4.9686	-.031	-.628	3.4475	.010	1

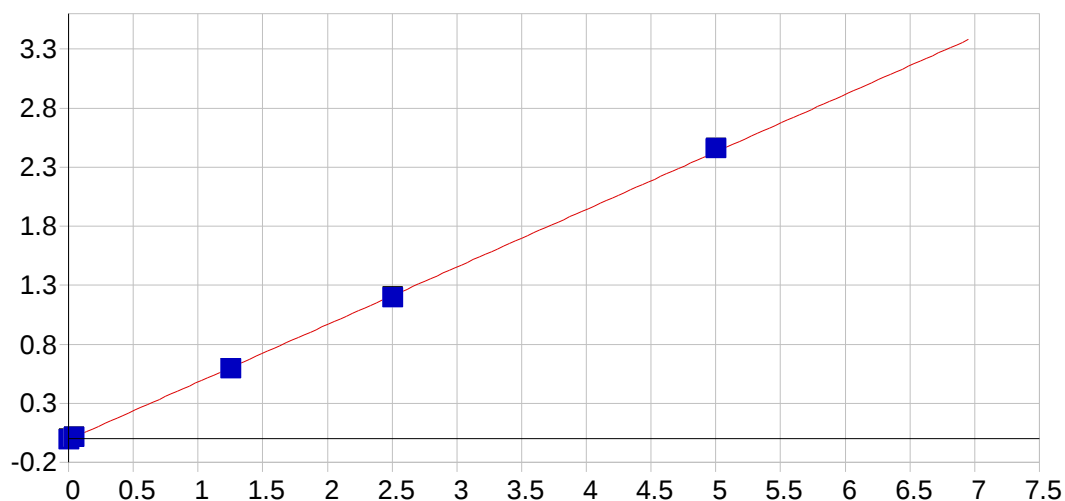


Mg 279.079 {121}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.000499 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.063347
 Predicted MQL: 0.211155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0868	.087	4.34	.00103	.000	1
S0	.00000	-.00006	-.000	.000	-.00001	.000	1
S3	12.500	12.358	-.142	-1.13	.00615	.000	1
S4	25.000	24.760	-.240	-.958	.01233	.000	1
S5	50.000	50.294	.294	.589	.02506	.000	1



Ni 231.604 {445}

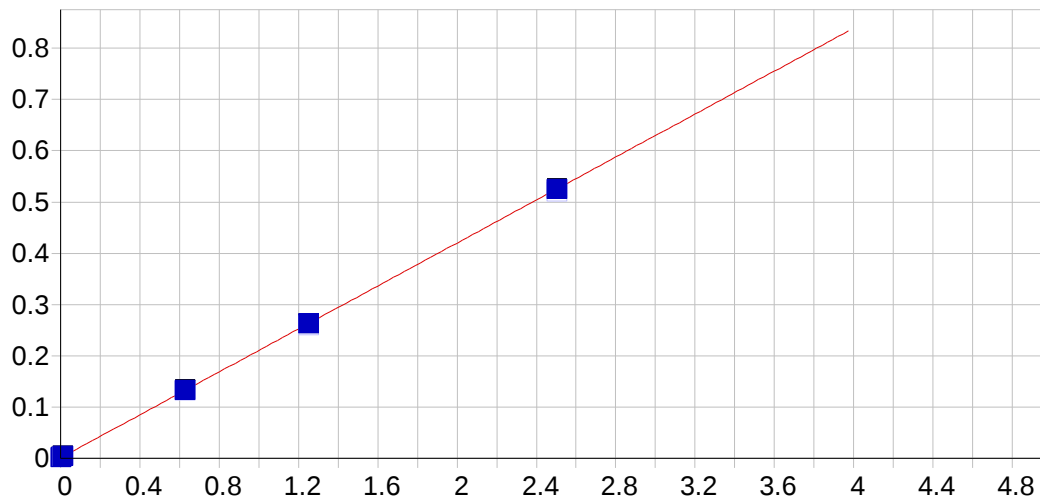
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007570 Re-Slope: 1.000000
 A1 (Gain): 0.487297 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000159
 Predicted MDL: 0.000489
 Predicted MQL: 0.001629

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00757	.000	1
S1	.04000	.03995	-.000	-.115	.01191	.000	1
S3	1.2500	1.2266	-.023	-1.87	.59082	.001	1
S4	2.5000	2.4653	-.035	-1.39	1.1951	.002	1
S5	5.0000	5.0581	.058	1.16	2.4599	.002	1



Ag 328.068 {103}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

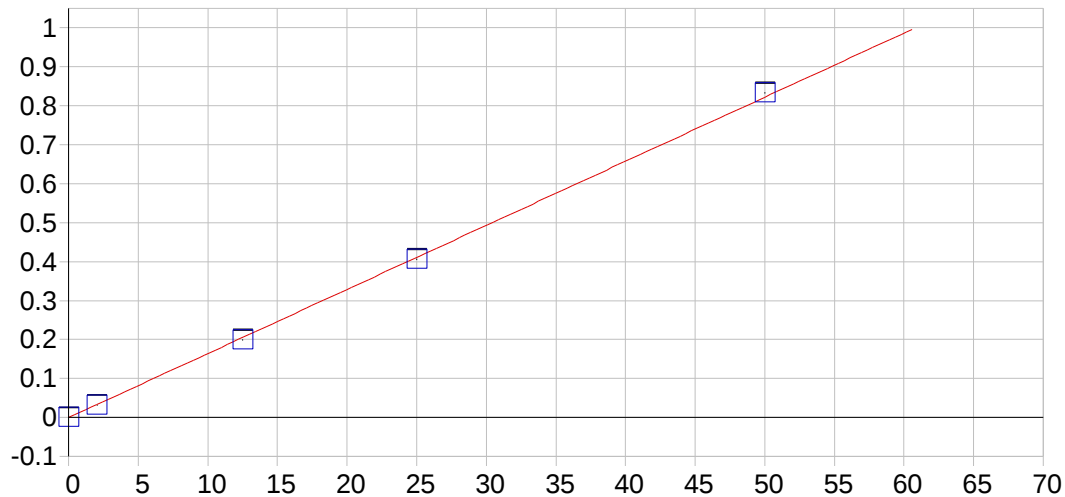
Weighting: 1/Conc

A0 (Offset): 0.000974
 A1 (Gain): 0.209553
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000008
 Predicted MDL: 0.000555
 Predicted MQL: 0.001849

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	.00097	.000	1
S1	.01000	.01066	.001	6.62	.00317	.000	1
S3	.62500	.62944	.004	.710	.13139	.000	1
S4	1.2500	1.2450	-.005	-.402	.25889	.001	1
S5	2.5000	2.4999	-.000	-.003	.51890	.000	1

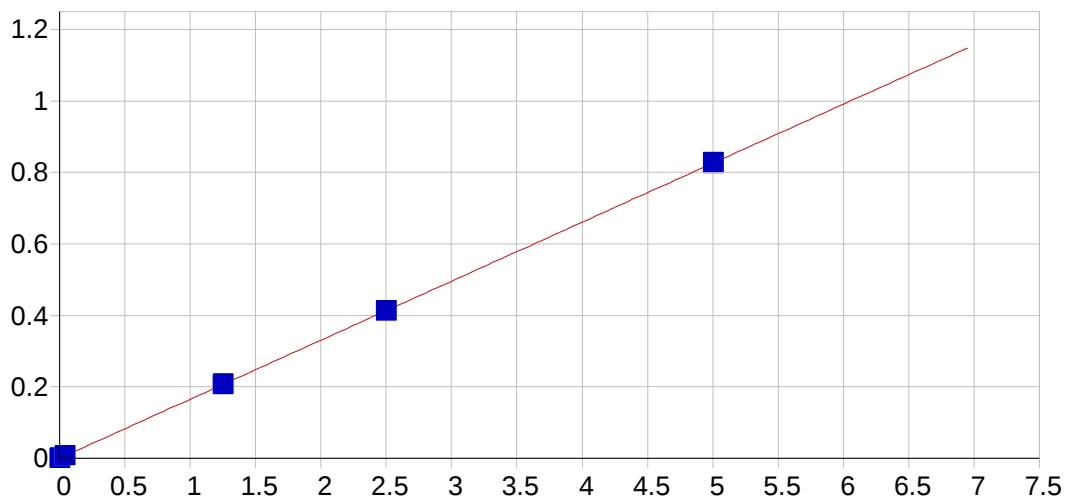


Na 589.592 { 57}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000571 Re-Slope: 1.000000
 A1 (Gain): 0.016453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000147
 Predicted MDL: 0.014305
 Predicted MQL: 0.047684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9613	-.039	-1.93	.03170	.000	1
S0	.00000	.00009	.000	.000	-.00057	.000	1
S3	12.500	12.147	-.353	-2.82	.19929	.002	1
S4	25.000	24.699	-.301	-1.20	.40582	.002	1
S5	50.000	50.692	.692	1.38	.83349	.002	1



V 292.402 {115}

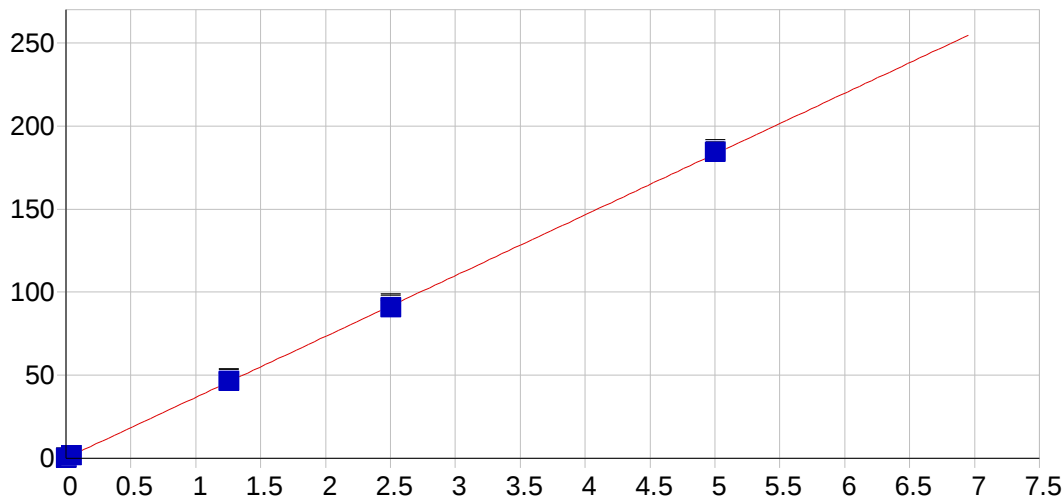
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000113 Re-Slope: 1.000000
 A1 (Gain): 0.165151 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000009
 Predicted MDL: 0.000475
 Predicted MQL: 0.001582

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.04000	.04113	.001	2.83	.00680	.000	1
S3	1.2500	1.2504	.000	.028	.20526	.000	1
S4	2.5000	2.4944	-.006	-.223	.40937	.000	1
S5	5.0000	5.0041	.004	.082	.82115	.000	1



Zn 206.200 {163}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

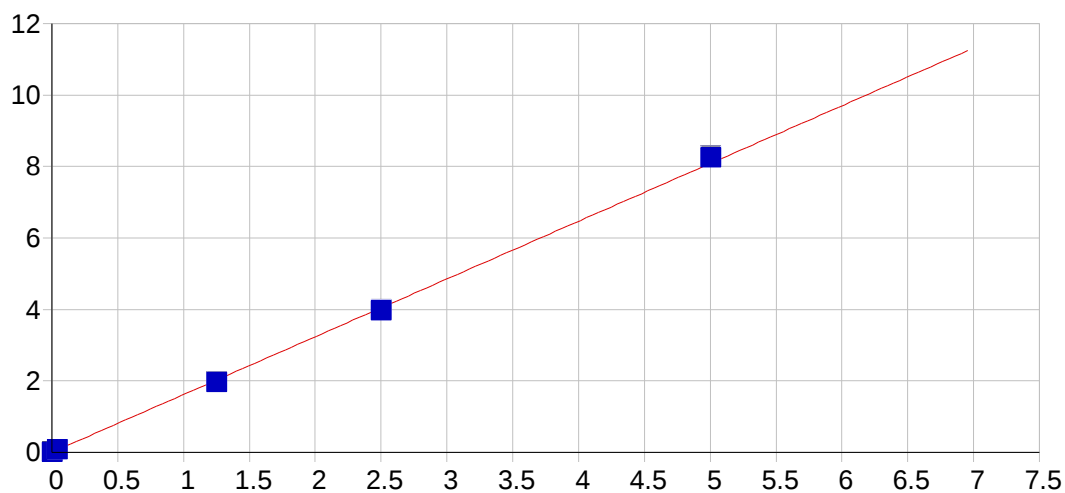
Weighting: 1/Conc

A0 (Offset): 0.125833
 A1 (Gain): 36.604202
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.007939
 Predicted MDL: 0.000454
 Predicted MQL: 0.001514

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	.12583	.010	1
S1	.04000	.04013	.000	.331	1.6045	.063	1
S3	1.2500	1.2627	.013	1.01	46.621	1.12	1
S4	2.5000	2.4653	-.035	-1.39	90.919	1.77	1
S5	5.0000	5.0219	.022	.438	185.06	.716	1

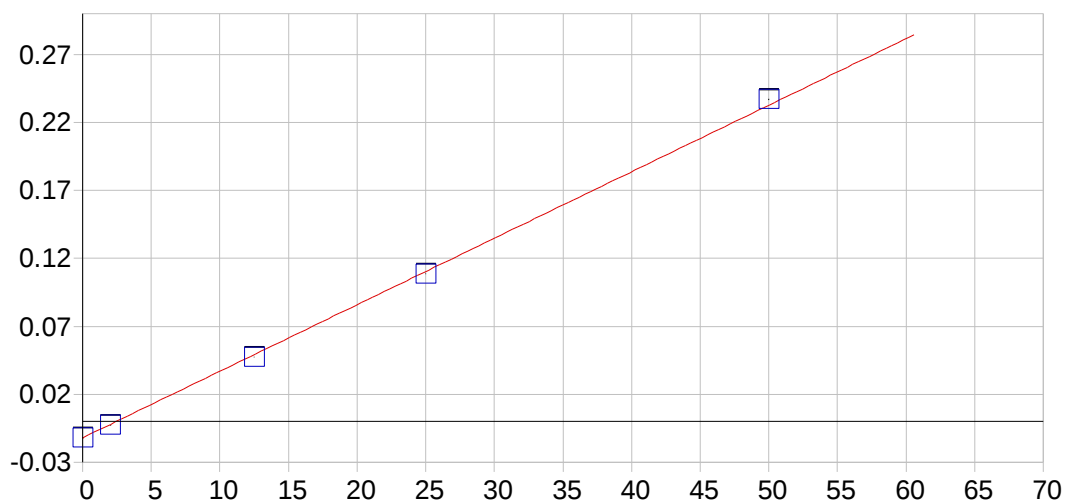


Zn 213.856 {458}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003231 Re-Slope: 1.000000
 A1 (Gain): 1.616351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000871
 Predicted MDL: 0.000118
 Predicted MQL: 0.000392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00324	.000	1
S1	.04000	.03875	-.001	-3.11	.06632	.000	1
S3	1.2500	1.2076	-.042	-3.39	1.9680	.004	1
S4	2.5000	2.4484	-.052	-2.07	3.9864	.002	1
S5	5.0000	5.0953	.095	1.91	8.2906	.004	1



K 766.490 {44}

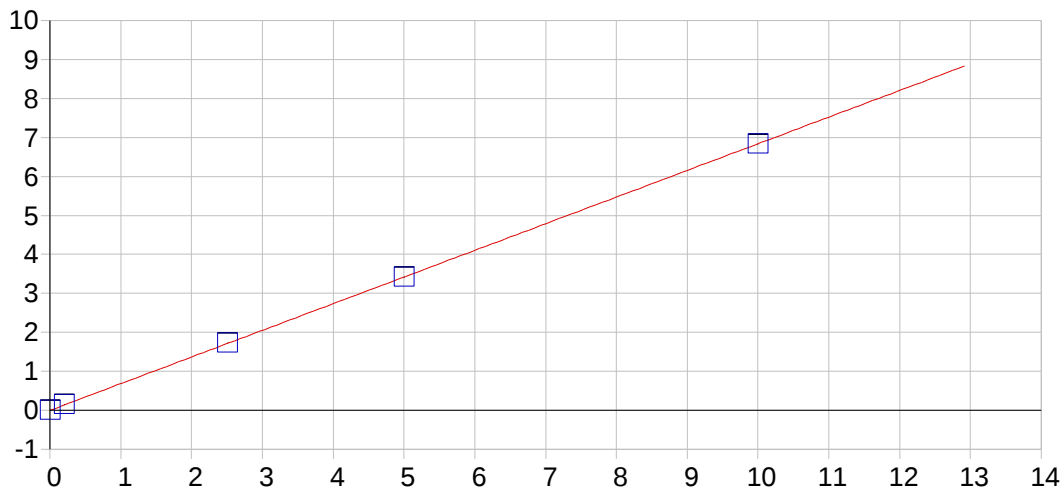
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011943 Re-Slope: 1.000000
 A1 (Gain): 0.004892 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806
 Std Error of Est: 0.000053
 Predicted MDL: 0.058708
 Predicted MQL: 0.195694

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9171	-.083	-4.15	-.00256	.000	1
S0	.00000	.00014	.000	.000	-.01194	.000	1
S3	12.500	12.127	-.373	-2.98	.04738	.000	1
S4	25.000	24.615	-.385	-1.54	.10846	.000	1
S5	50.000	50.841	.841	1.68	.23675	.000	1



Mo 202.030 {467}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

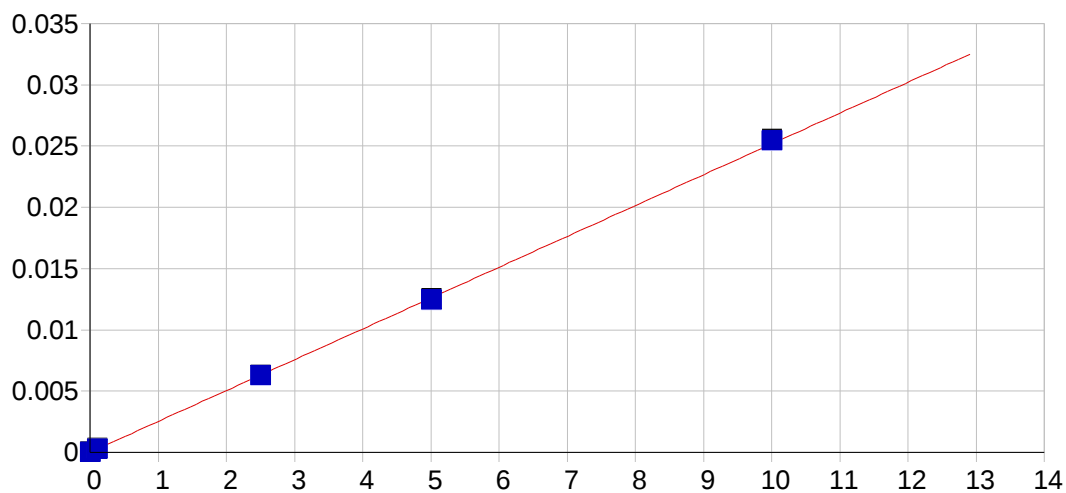
Weighting: 1/Conc

A0 (Offset): -0.000353
 A1 (Gain): 0.683846
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000282
 Predicted MDL: 0.000307
 Predicted MQL: 0.001024

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	-.00036	.000	1
S1	.20000	.20839	.008	4.20	.14216	.001	1
S3	2.5000	2.5169	.017	.675	1.7208	.002	1
S4	5.0000	4.9926	-.007	-.148	3.4138	.004	1
S5	10.000	9.9821	-.018	-.179	6.8259	.010	1

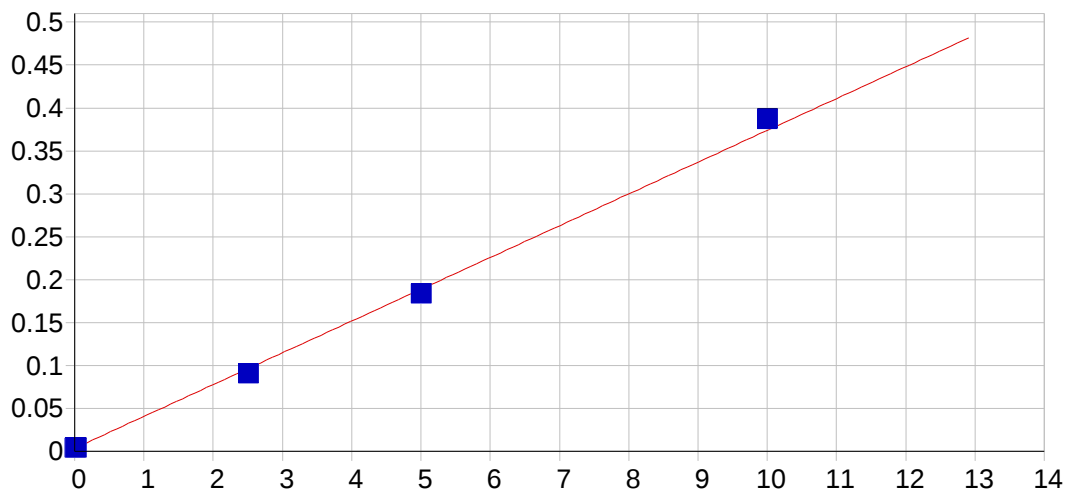


B 249.678 {135}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.002516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011244
 Predicted MQL: 0.037480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09680	-.003	-3.20	.00025	.000	1
S3	2.5000	2.4775	-.023	-.900	.00623	.000	1
S4	5.0000	4.9268	-.073	-1.46	.01238	.000	1
S5	10.000	10.099	.099	.989	.02537	.000	1



S 182.034 {485}

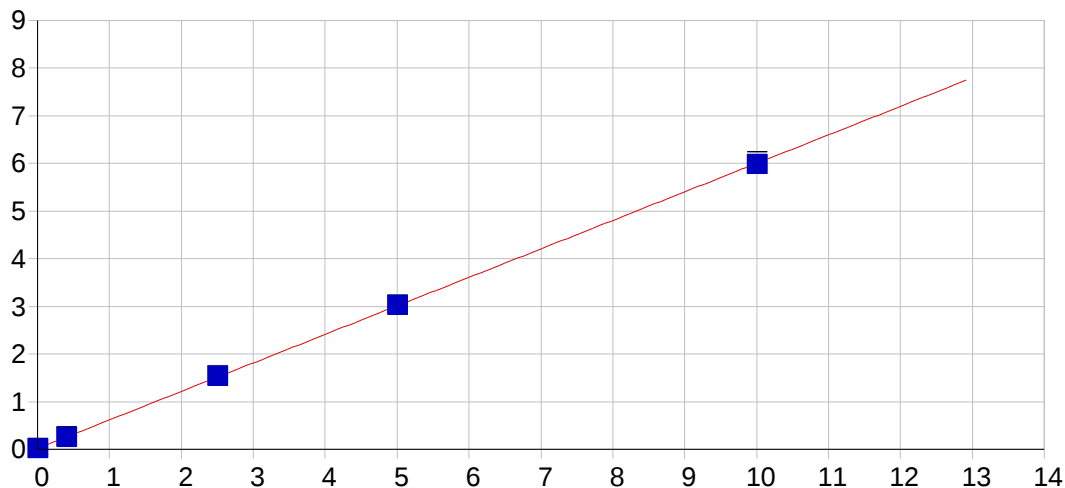
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003625 Re-Slope: 1.000000
 A1 (Gain): 0.037029 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998279
 Std Error of Est: 0.000052
 Predicted MDL: 0.003218
 Predicted MQL: 0.010726

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00363	.000	1
S1	.02000	-.00559	-.026	-128.	.00340	.000	1
S3	2.5000	2.3347	-.165	-6.61	.08997	.000	1
S4	5.0000	4.8459	-.154	-3.08	.18285	.000	1
S5	10.000	10.344	.344	3.44	.38625	.001	1



Si 288.158 {117}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

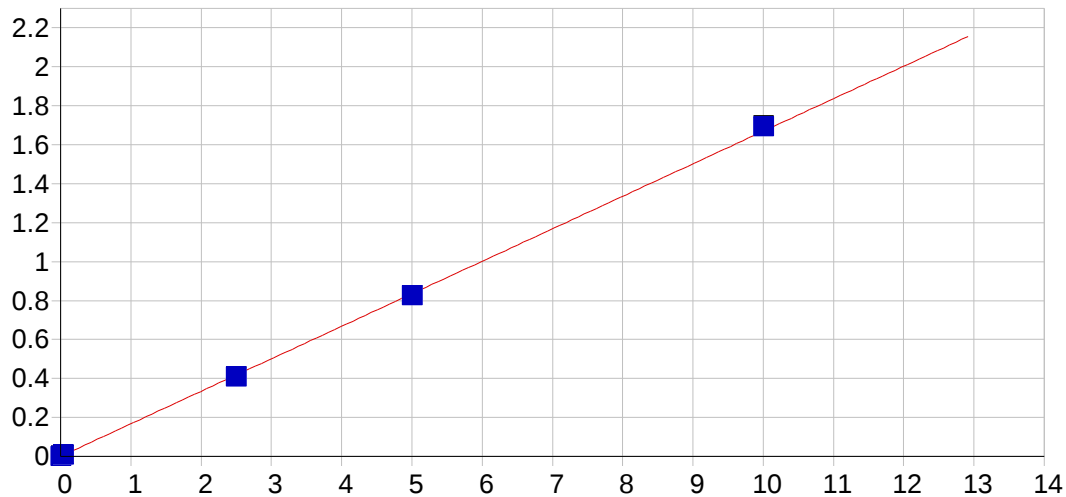
Weighting: 1/Conc

A0 (Offset): 0.018270
 A1 (Gain): 0.598307
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000488
 Predicted MDL: 0.002320
 Predicted MQL: 0.007734

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	.01828	.001	1
S1	.40000	.38505	-.015	-3.74	.24845	.002	1
S3	2.5000	2.5278	.028	1.11	1.5299	.010	1
S4	5.0000	5.0158	.016	.316	3.0177	.005	1
S5	10.000	9.9713	-.029	-.287	5.9810	.054	1

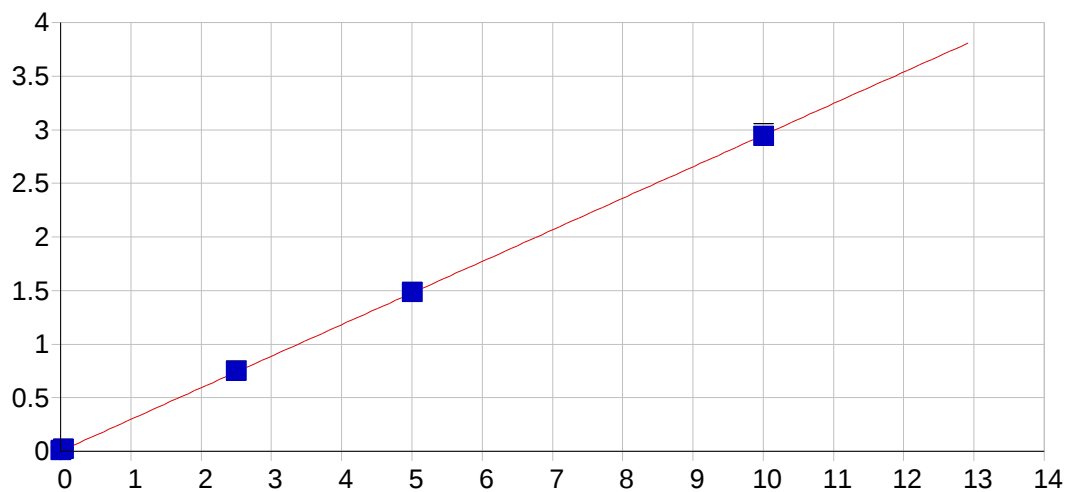


Sn 189.989 {477}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000485 Re-Slope: 1.000000
 A1 (Gain): 0.166867 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000740
 Predicted MQL: 0.002465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00049	.000	1
S1	.04000	.03451	-.005	-13.7	.00624	.000	1
S3	2.5000	2.4354	-.065	-2.58	.40695	.002	1
S4	5.0000	4.9300	-.070	-1.40	.82329	.002	1
S5	10.000	10.140	.140	1.40	1.6928	.003	1



Ti 336.121 {100}

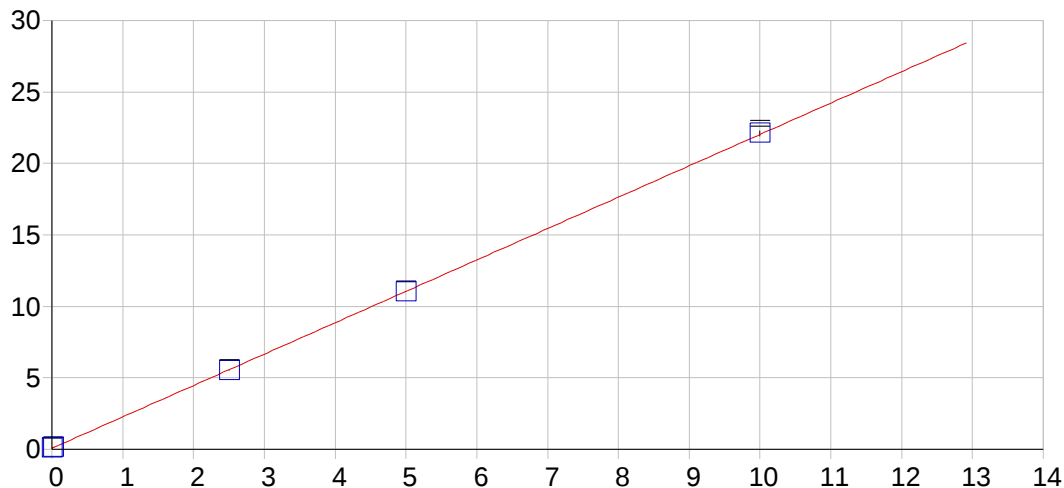
Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003355 Re-Slope: 1.000000
 A1 (Gain): 0.294590 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000043
 Predicted MDL: 0.002863
 Predicted MQL: 0.009544

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00335	.001	1
S1	.04000	.04020	.000	.509	.01519	.001	1
S3	2.5000	2.5226	.023	.903	.74638	.002	1
S4	5.0000	5.0092	.009	.183	1.4788	.003	1
S5	10.000	9.9681	-.032	-.319	2.9395	.024	1



Li 670.784 { 50}

Date of Fit: 3/22/2019 13:07:12

Type of Fit: Linear

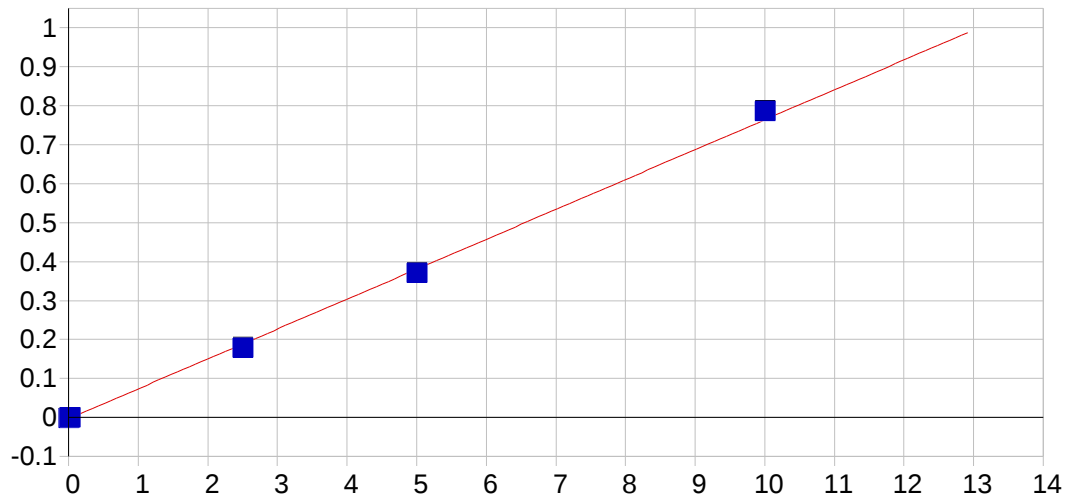
Weighting: 1/Conc

A0 (Offset): 0.076019
 A1 (Gain): 2.195066
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000248
 Predicted MDL: 0.001887
 Predicted MQL: 0.006289

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	.07602	.003	1
S1	.02000	.01870	-.001	-6.52	.11706	.004	1
S3	2.5000	2.4812	-.019	-.750	5.5225	.013	1
S4	5.0000	4.9859	-.014	-.282	11.020	.020	1
S5	10.000	10.034	.034	.341	22.102	.218	1



P 177.495 {490}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003359 Re-Slope: 1.000000
 A1 (Gain): 0.076754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001650
 Predicted MQL: 0.005501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00336	.000	1
S1	.02000	.01692	-.003	-15.4	-.00207	.000	1
S3	2.5000	2.3689	-.131	-5.24	.17819	.000	1
S4	5.0000	4.8657	-.134	-2.69	.36954	.001	1
S5	10.000	10.268	.268	2.68	.78367	.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







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

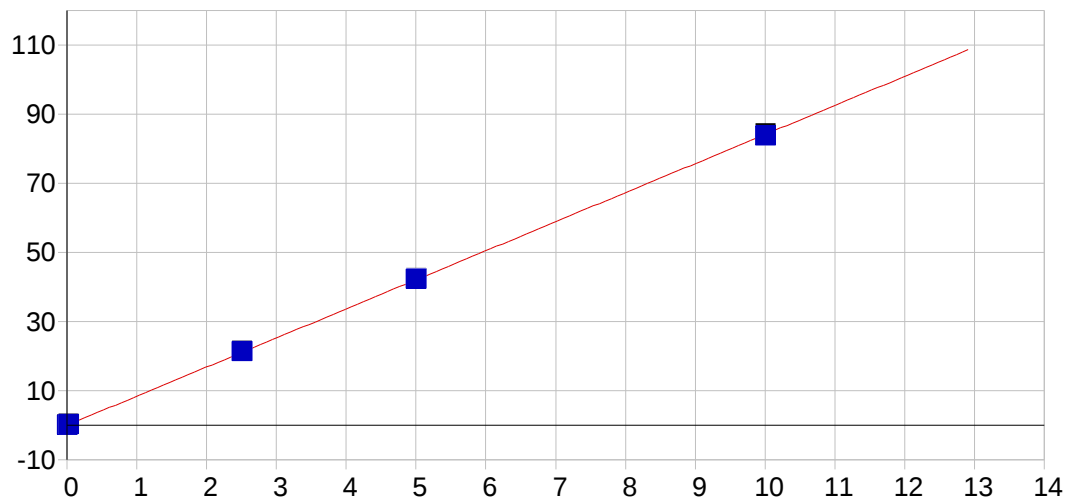
Status: Warning Zero Gain

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: 3/22/2019 13:07:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001299

Re-Slope: 1.000000

A1 (Gain): 8.412273

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

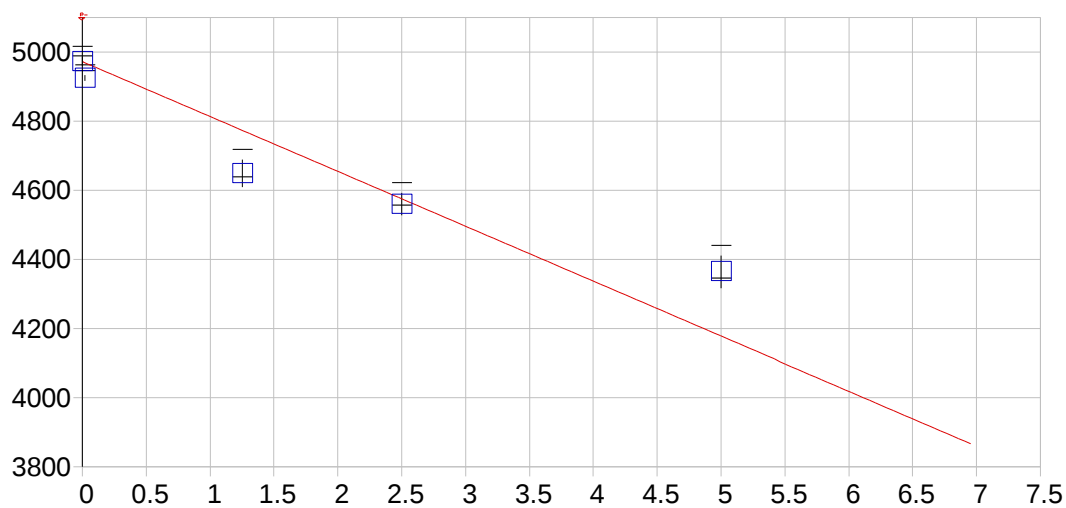
Status: OK.

Std Error of Est: 0.001467

Predicted MDL: 0.000186

Predicted MQL: 0.000618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00131	.001	1
S1	.02000	.02116	.001	5.80	.17762	.000	1
S3	2.5000	2.5307	.031	1.23	21.311	.019	1
S4	5.0000	5.0260	.026	.519	42.325	.048	1
S5	10.000	9.9422	-.058	-.578	83.727	.525	1

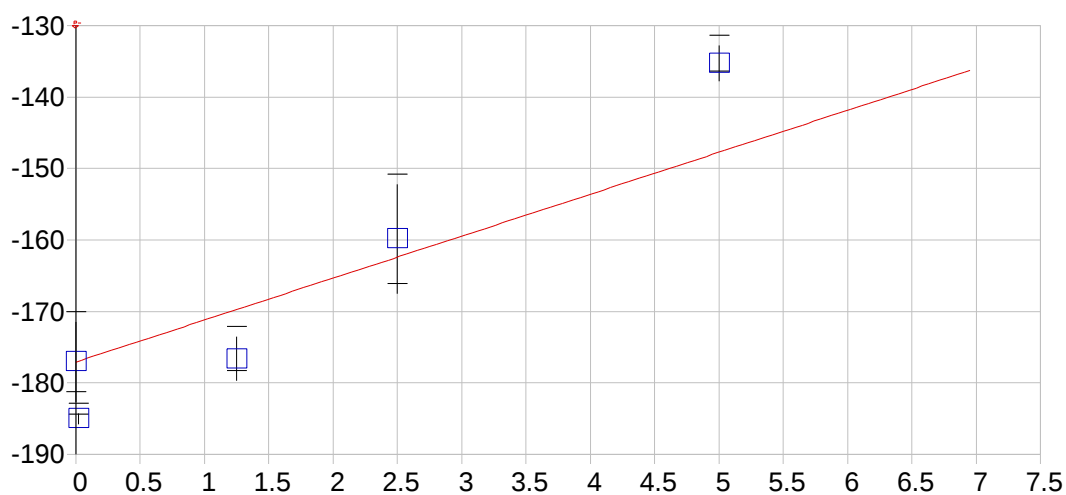


U 367.007 { 92 }

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4972.944701 Re-Slope: 1.000000
 A1 (Gain): -159.033442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.803962 Status: Warning Negative Gain
 Std Error of Est: 2.010226
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	4973.0	13.5	1
S1	.02000	.30347	.283	1420.	4924.7	7.84	1
S3	1.2500	2.0390	.789	63.1	4648.7	39.7	1
S4	2.5000	2.5986	.099	3.95	4559.7	32.0	1
S5	5.0000	3.8289	-1.17	-23.4	4364.0	47.6	1



U 385.958 { 87}

Date of Fit: 3/22/2019 13:07:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -177.065205 Re-Slope: 1.000000
 A1 (Gain): 5.867231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.288400 Status: OK.
 Std Error of Est: 0.332882
 Predicted MDL: 1.925382
 Predicted MQL: 6.417941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00138	.001	.000	-177.06	5.60	1
S1	.02000	-1.3548	-1.37	-6870.	-185.01	.755	1
S3	1.2500	.07537	-1.17	-94.0	-176.62	3.07	1
S4	2.5000	2.9322	.432	17.3	-159.86	7.66	1
S5	5.0000	7.1172	2.12	42.3	-135.31	2.50	1

Sample Name: S0 Acquired: 3/22/2019 12:41:53 Type: Cal
Method: P4-ICP2(v2973) 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	.00016	-.00010	.00464	.00218	-.00000	.00160	-.00639	-.00041
Stddev	.00008	.00012	.00031	.00002	.00016	.00005	.00005	.00006
%RSD	50.058	118.85	6.6503	1.0889	10889.	3.1884	.73730	14.369

#1	.00024	.00001	.00475	.00221	-.00018	.00166	-.00642	-.00041
#2	.00011	-.00008	.00430	.00218	.00005	.00157	-.00642	-.00046
#3	.00011	-.00024	.00489	.00216	.00013	.00157	-.00634	-.00035

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	.00022	-.00667	-.00059	-.00021	.00673	.00168	.00040	-.00001
Stddev	.00007	.00043	.00002	.00010	.00028	.00003	.00006	.00002
%RSD	31.123	6.3841	3.0291	47.834	4.2204	1.6966	14.547	174.61

#1	.00014	-.00628	-.00061	-.00030	.00644	.00166	.00046	.00001
#2	.00026	-.00713	-.00060	-.00010	.00701	.00171	.00038	-.00004
#3	.00025	-.00661	-.00057	-.00023	.00672	.00167	.00035	-.00001

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	-.00757	.00097	-.00057	.00011	.00324	-.01194	-.00036	.00001
Stddev	.00029	.00007	.00006	.00007	.00014	.00023	.00020	.00001
%RSD	3.8317	6.6982	10.435	61.975	4.2850	1.9578	55.094	47.594

#1	-.00738	.00097	-.00054	.00017	.00332	-.01216	-.00015	.00002
#2	-.00790	.00091	-.00053	.00004	.00331	-.01169	-.00038	.00001
#3	-.00743	.00104	-.00064	.00013	.00308	-.01197	-.00054	.00001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00363	.01828	.00049	.00335	.07602	-.0034	-.00131	4973.0
Stddev	.00017	.00066	.00015	.00068	.00290	.0001	.00111	13.5
%RSD	4.5903	3.6229	30.417	20.182	3.8126	2.310	84.946	.27193

#1	.00380	.01892	.00066	.00413	.07543	-.0033	-.00050	4974.9
#2	.00347	.01832	.00038	.00292	.07917	-.0034	-.00085	4958.6
#3	.00361	.01759	.00042	.00301	.07346	-.0034	-.00258	4985.4

Sample Name: S0 Acquired: 3/22/2019 12:41:53 Type: Cal
 Method: P4-ICP2(v2973) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-177.06
Stddev	5.60
%RSD	3.1653

#1	-177.86
#2	-182.22
#3	-171.09

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.5	57974.	3041.2	63.584	4361.0
Stddev	2.0	173.	12.1	.308	4.6
%RSD	.05768	.29921	.39710	.48513	.10608

#1	3419.1	57867.	3029.1	63.732	4358.5
#2	3419.7	58174.	3053.3	63.791	4358.2
#3	3422.8	57880.	3041.4	63.230	4366.4

Sample Name: S1 Acquired: 3/22/2019 12:46:20 Type: Cal
Method: P4-ICP2(v2973) 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	.00132	.00481	.00662	.00340	.00464	.00209	.01294	.00255
Stddev	.00004	.00007	.00004	.00019	.00017	.00008	.00018	.00008
%RSD	3.1058	1.4704	.57564	5.7210	3.6751	3.8428	1.3888	3.0533
#1	.00136	.00473	.00666	.00362	.00466	.00200	.01312	.00247
#2	.00133	.00487	.00660	.00332	.00480	.00213	.01294	.00258
#3	.00128	.00483	.00659	.00326	.00446	.00215	.01276	.00262
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	.01301	.00072	.02011	.02412	.01164	.01618	.01191	.00317
Stddev	.00024	.00005	.00008	.00007	.00007	.00009	.00037	.00002
%RSD	1.8770	6.7891	.40021	.27767	.57685	.56982	3.1264	.67165
#1	.01329	.00077	.02003	.02416	.01162	.01613	.01165	.00319
#2	.01291	.00068	.02011	.02404	.01171	.01628	.01175	.00316
#3	.01283	.00071	.02019	.02415	.01159	.01612	.01234	.00315
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	.00680	.06632	.14216	.00025	.00340	.24845	.00624	.01519
Stddev	.00008	.00049	.00068	.00006	.00013	.00186	.00011	.00088
%RSD	1.1451	.74627	.47566	21.809	3.8455	.74725	1.7600	5.8143
#1	.00677	.06603	.14198	.00026	.00351	.24637	.00632	.01617
#2	.00689	.06689	.14158	.00020	.00325	.24905	.00629	.01495
#3	.00675	.06605	.14290	.00031	.00342	.24993	.00612	.01445
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.11706	-.0021	.17762	4924.7	-185.01			
Stddev	.00428	.0001	.00026	7.8	.75			
%RSD	3.6544	5.831	.14574	.15930	.40782			
#1	.11217	-.0020	.17749	4918.7	-184.34			
#2	.11890	-.0020	.17792	4933.6	-184.88			
#3	.12011	-.0022	.17746	4921.8	-185.83			

Sample Name: S1 Acquired: 3/22/2019 12:46:20 Type: Cal
Method: P4-ICP2(v2973) 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	3412.9	57854.	3046.0	62.767	4294.7
Stddev	8.6	7.	11.6	.767	10.0
%RSD	.25233	.01271	.37928	1.2213	.23285
#1	3408.7	57848.	3057.5	62.305	4285.6
#2	3407.2	57852.	3045.9	62.345	4293.2
#3	3422.8	57862.	3034.4	63.652	4305.4

Sample Name: S2 Acquired: 3/22/2019 12:50:48 Type: Cal
 Method: P4-ICP2(v2973) 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	.11411	.00103	.03170	-.00256
Stddev	.00164	.00003	.00015	.00003
%RSD	1.4404	2.5763	.47907	1.1610

#1	.11482	.00102	.03156	-.00260
#2	.11528	.00100	.03168	-.00256
#3	.11223	.00106	.03186	-.00254

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	57274.	3009.2
Stddev	109.	11.9
%RSD	.19106	.39519

#1	57400.	2997.1
#2	57200.	3020.9
#3	57223.	3009.6

Sample Name: S3 Acquired: 3/22/2019 12:55:02 Type: Cal
Method: P4-ICP2(v2973) 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	.15594	.30655	.44736	.16207	.22652	.02541	.92833	.05750
Stddev	.00022	.00015	.00152	.00033	.00025	.00017	.00731	.00018
%RSD	.13827	.04989	.34055	.20620	.11232	.67792	.78767	.30523
#1	.15614	.30648	.44894	.16202	.22641	.02522	.92013	.05761
#2	.15571	.30644	.44590	.16176	.22681	.02546	.93067	.05730
#3	.15597	.30673	.44723	.16243	.22634	.02555	.93418	.05760
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	2.6845	.71091	.06467	.85961	.50572	.23633	.88220	.00615
Stddev	.0066	.00400	.00022	.00290	.00052	.00020	.00222	.00007
%RSD	.24671	.56270	.33843	.33770	.10311	.08330	.25175	1.1898
#1	2.6867	.70884	.06442	.86097	.50513	.23627	.88063	.00606
#2	2.6770	.71552	.06474	.85628	.50596	.23616	.88474	.00617
#3	2.6897	.70837	.06484	.86158	.50609	.23654	.88122	.00621
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	.59082	.13139	.19929	.20526	1.9680	.04738	1.7208	.00623
Stddev	.00093	.00028	.00188	.00040	.0043	.00034	.0024	.00004
%RSD	.15710	.21212	.94182	.19366	.22005	.71039	.13972	.63637
#1	.59157	.13170	.19753	.20571	1.9689	.04727	1.7183	.00619
#2	.58978	.13129	.19909	.20497	1.9633	.04711	1.7209	.00625
#3	.59111	.13118	.20127	.20510	1.9719	.04776	1.7231	.00626
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	.08997	1.5299	.40695	.74638	5.5225	.1782	21.311	4648.7
Stddev	.00009	.0103	.00163	.00222	.0134	.0003	.019	39.7
%RSD	.10460	.67190	.40032	.29779	.24216	.1669	.09093	.85405
#1	.08997	1.5383	.40842	.74504	5.5233	.1785	21.291	4632.3
#2	.08988	1.5329	.40520	.74895	5.5088	.1779	21.330	4693.9
#3	.09006	1.5184	.40723	.74516	5.5355	.1781	21.312	4619.8

Sample Name: S3 Acquired: 3/22/2019 12:55:02 Type: Cal
Method: P4-ICP2(v2973) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-176.62
Stddev	3.07
%RSD	1.7399

#1	-173.29
#2	-177.23
#3	-179.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.1	55938.	3022.6	59.900	3977.3
Stddev	8.5	100.	12.5	1.242	9.3
%RSD	.25619	.17823	.41358	2.0734	.23290

#1	3337.9	56014.	3008.6	61.115	3980.9
#2	3328.7	55973.	3026.4	59.952	3984.3
#3	3320.8	55825.	3032.7	58.633	3966.8

Sample Name: S4 Acquired: 3/22/2019 12:59:01 Type: Cal
Method: P4-ICP2(v2973) 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	.31141	.61312	.89655	.32046	.45257	.04984	1.8748	.11548
Stddev	.00085	.00108	.00177	.00111	.00045	.00036	.0056	.00032
%RSD	.27270	.17649	.19760	.34655	.09841	.71736	.29852	.27550
#1	.31096	.61394	.89856	.32026	.45226	.04989	1.8713	.11512
#2	.31088	.61352	.89522	.31947	.45237	.04946	1.8717	.11572
#3	.31239	.61189	.89587	.32166	.45308	.05017	1.8812	.11559
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.4492	1.4074	.12952	1.7360	.98013	.46514	1.7402	.01233
Stddev	.0049	.0009	.00029	.0006	.00291	.00097	.0038	.00004
%RSD	.08991	.06474	.22092	.03496	.29737	.20772	.21865	.29759
#1	5.4542	1.4082	.12961	1.7364	.97801	.46566	1.7411	.01230
#2	5.4444	1.4064	.12975	1.7353	.97893	.46403	1.7434	.01237
#3	5.4490	1.4075	.12920	1.7363	.98345	.46574	1.7360	.01232
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	1.1951	.25889	.40582	.40937	3.9864	.10846	3.4138	.01238
Stddev	.0025	.00052	.00169	.00016	.0022	.00024	.0041	.00010
%RSD	.20799	.20016	.41584	.03981	.05567	.21715	.12011	.84264
#1	1.1978	.25832	.40438	.40937	3.9873	.10834	3.4123	.01239
#2	1.1930	.25934	.40539	.40953	3.9839	.10832	3.4107	.01227
#3	1.1945	.25901	.40768	.40921	3.9881	.10874	3.4185	.01248
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	.18285	3.0177	.82329	1.4788	11.020	.3695	42.325	4559.7
Stddev	.00034	.0054	.00164	.0026	.020	.0010	.048	32.0
%RSD	.18668	.17955	.19969	.17736	.18382	.2813	.11321	.70278
#1	.18263	3.0130	.82518	1.4787	11.026	.3702	42.271	4530.5
#2	.18269	3.0236	.82217	1.4815	10.998	.3683	42.363	4594.0
#3	.18325	3.0164	.82252	1.4762	11.038	.3700	42.340	4554.5

Sample Name: S4 Acquired: 3/22/2019 12:59:01 Type: Cal
Method: P4-ICP2(v2973) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-159.86
Stddev	7.66
%RSD	4.7920

#1	-159.68
#2	-167.61
#3	-152.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.8	55390.	3023.9	59.921	3837.0
Stddev	1.7	165.	16.7	.790	6.5
%RSD	.05183	.29757	.55189	1.3191	.16939

#1	3296.9	55337.	3020.8	59.694	3830.1
#2	3300.1	55258.	3008.9	60.799	3838.0
#3	3299.3	55574.	3041.9	59.268	3843.0

Sample Name: S5 Acquired: 3/22/2019 13:03:01 Type: Cal
Method: P4-ICP2(v2973) 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	.63250	1.2397	1.8363	.64474	.91269	.10008	3.7805	.23120
Stddev	.00165	.0007	.0023	.00114	.00175	.00050	.0351	.00091
%RSD	.26085	.05388	.12554	.17714	.19203	.49953	.92747	.39381

#1	.63422	1.2405	1.8388	.64564	.91327	.09951	3.7407	.23224
#2	.63093	1.2393	1.8342	.64345	.91408	.10033	3.8069	.23057
#3	.63234	1.2393	1.8358	.64512	.91072	.10041	3.7939	.23078

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	11.243	2.8055	.25837	3.5860	1.9386	.92039	3.4475	.02506
Stddev	.005	.0172	.00055	.0028	.0017	.00066	.0102	.00007
%RSD	.04507	.61307	.21255	.07868	.08536	.07218	.29684	.29380

#1	11.241	2.8074	.25884	3.5847	1.9400	.92033	3.4357	.02498
#2	11.239	2.7874	.25849	3.5840	1.9368	.91976	3.4539	.02513
#3	11.248	2.8217	.25777	3.5892	1.9389	.92108	3.4529	.02507

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4599	.51890	.83349	.82115	8.2906	.23675	6.8259	.02537
Stddev	.0025	.00028	.00152	.00046	.0040	.00046	.0102	.00011
%RSD	.09985	.05417	.18241	.05657	.04773	.19537	.14995	.41709

#1	2.4592	.51857	.83205	.82162	8.2908	.23704	6.8371	.02539
#2	2.4579	.51906	.83508	.82114	8.2865	.23701	6.8170	.02546
#3	2.4626	.51906	.83333	.82069	8.2944	.23622	6.8236	.02525

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	.38625	5.9810	1.6928	2.9395	22.102	.7837	83.727	4364.0
Stddev	.00061	.0538	.0035	.0236	.218	.0017	.525	47.6
%RSD	.15745	.89992	.20590	.80238	.98608	.2130	.62704	1.0904

#1	.38593	5.9730	1.6924	2.9291	22.034	.7852	84.004	4310.6
#2	.38587	5.9316	1.6896	2.9228	21.925	.7819	84.057	4401.7
#3	.38695	6.0384	1.6965	2.9665	22.345	.7840	83.122	4379.8

Sample Name: S5 Acquired: 3/22/2019 13:03:01 Type: Cal
 Method: P4-ICP2(v2973) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-135.31
Stddev	2.50
%RSD	1.8486

#1	-132.45
#2	-137.08
#3	-136.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.2	53866.	2997.2	56.501	3569.0
Stddev	5.6	150.	18.1	.093	2.1
%RSD	.17559	.27853	.60294	.16497	.05907

#1	3189.1	53880.	2993.7	56.535	3568.4
#2	3196.3	53709.	3016.7	56.573	3567.2
#3	3200.2	54008.	2981.1	56.396	3571.3

Sample Name: ICV01 Acquired: 3/22/2019 13:07:15 Type: Unk
Method: P4-ICP2(v2973) 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	.99923	1.0332	.99394	1.0056	1.0046	2.5780	.49941
Stddev	.00480	.0049	.00339	.0011	.0025	.0381	.00311
%RSD	.48041	.47000	.34151	.11365	.24773	1.4780	.62348

#1	1.0001	1.0284	.99227	1.0064	1.0075	2.5472	.49716
#2	.99405	1.0381	.99171	1.0061	1.0028	2.5661	.49811
#3	1.0035	1.0332	.99785	1.0043	1.0036	2.6206	.50297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49504	.48135	10.364	.51101	.49483	.51598	5.1797
Stddev	.00057	.00068	.086	.00234	.00025	.00232	.0091
%RSD	.11479	.14180	.83152	.45802	.05042	.44885	.17472

#1	.49551	.48186	10.269	.51190	.49455	.51650	5.1885
#2	.49521	.48058	10.382	.50835	.49497	.51344	5.1704
#3	.49441	.48161	10.439	.51278	.49499	.51798	5.1803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51567	5.8925	.49895	.50178	9.8369	.51168	1.0021
Stddev	.00146	.0723	.00160	.00223	.0747	.00148	.0023
%RSD	.28216	1.2262	.32136	.44491	.75990	.28928	.23217

#1	.51535	5.9756	.49834	.49948	9.8128	.51047	1.0041
#2	.51726	5.8448	.49775	.50394	9.7771	.51124	.99955
#3	.51441	5.8570	.50077	.50191	9.9207	.51333	1.0025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8126	2.4125	F 2.3605	F -.03944	F 2.3366	F 2.3076	2.4162
Stddev	.1190	.0067	.0112	.00088	.0189	.0043	.0047
%RSD	1.2132	.27945	.47581	2.2246	.81008	.18627	.19674

#1	9.7410	2.4171	2.3487	-.04045	2.3441	2.3072	2.4110
#2	9.7468	2.4048	2.3617	-.03901	2.3506	2.3035	2.4175
#3	9.9500	2.4156	2.3711	-.03886	2.3150	2.3121	2.4202

Sample Name: ICV01 Acquired: 3/22/2019 13:07:15 Type: Unk
 Method: P4-ICP2(v2973) 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 .00359	F -.0025	F .00629	F 1.3785	F 3.7185
Stddev	.00027	.0012	.00011	.1442	.8573
%RSD	7.3753	47.04	1.7568	10.460	23.056
#1	.00333	-.0012	.00642	1.4726	4.4788
#2	.00360	-.0033	.00623	1.2125	2.7892
#3	.00386	-.0032	.00623	1.4504	3.8875
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.4	56420.	3033.9	60.802	4109.8
Stddev	10.2	370.	16.4	.596	9.2
%RSD	.30095	.65491	.54206	.97969	.22476
#1	3369.3	56475.	3019.7	61.179	4101.2
#2	3389.2	56759.	3030.1	61.111	4119.6
#3	3382.7	56026.	3051.9	60.115	4108.4

Sample Name: LLICV01 Acquired: 3/22/2019 13:17:57 Type: Unk
Method: P4-ICP2(v2973) 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	.02023	.04111	.01182	.02193	.05471	.11813	.10436
Stddev	.00181	.00040	.00057	.00282	.00230	.01164	.00089
%RSD	8.9513	.97113	4.7944	12.861	4.2014	9.8566	.85137

#1	.01814	.04147	.01231	.02272	.05572	.13077	.10348
#2	.02129	.04068	.01195	.01880	.05633	.11577	.10436
#3	.02126	.04117	.01120	.02427	.05208	.10784	.10526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00641	.00584	2.1373	.01046	.02945	.01888	.10624
Stddev	.00002	.00003	.0086	.00035	.00031	.00041	.00048
%RSD	.34681	.57653	.40185	3.3654	1.0430	2.1888	.44881

#1	.00644	.00581	2.1435	.01016	.02959	.01912	.10672
#2	.00640	.00587	2.1275	.01085	.02909	.01911	.10576
#3	.00640	.00583	2.1408	.01038	.02966	.01840	.10624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02228	1.9923	.04000	.01073	1.9960	.04241	.04052
Stddev	.00013	.0384	.00039	.00016	.0118	.00008	.00016
%RSD	.58871	1.9262	.97176	1.5168	.59065	.18745	.40549

#1	.02214	1.9705	.03994	.01081	2.0096	.04239	.04065
#2	.02230	2.0367	.03964	.01084	1.9886	.04234	.04033
#3	.02241	1.9699	.04041	.01055	1.9898	.04249	.04057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8385	.20827	.09390	F -.02497	.39086	.03545	.04128
Stddev	.0362	.00056	.01346	.00472	.00801	.00055	.00117
%RSD	1.9718	.26941	14.330	18.917	2.0503	1.5595	2.8258

#1	1.8609	.20802	.09659	-.01957	.38184	.03481	.04260
#2	1.8579	.20892	.10580	-.02700	.39360	.03571	.04039
#3	1.7967	.20789	.07930	-.02834	.39715	.03582	.04085

Sample Name: LLICV01 Acquired: 3/22/2019 13:17:57 Type: Unk
 Method: P4-ICP2(v2973) 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	.01851	.0188	.02145	F .79769	F<.00000
Stddev	.00082	.0001	.00022	.25317	.58755
%RSD	4.4344	.7992	1.0084	31.738	39.827
#1	.01766	.0189	.02170	.92702	-.98556
#2	.01929	.0187	.02130	.96007	-1.3135
#3	.01858	.0187	.02135	.50598	-2.1268
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.8	56419.	2980.9	61.586	4233.7
Stddev	10.0	183.	6.2	.877	8.1
%RSD	.29592	.32457	.20770	1.4236	.19041
#1	3375.6	56214.	2988.0	61.523	4228.0
#2	3394.8	56566.	2976.2	62.493	4242.9
#3	3390.1	56477.	2978.6	60.743	4230.2

Sample Name: ICB01 Acquired: 3/22/2019 13:22:23 Type: Unk
Method: P4-ICP2(v2973) 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	-.00246	.00033	-.00233	.00013	-.00111	.02310	-.00004
Stddev	.00089	.00086	.00071	.00220	.00128	.01811	.00034
%RSD	36.322	258.82	30.525	1719.1	115.92	78.388	771.64

#1	-.00286	.00019	-.00151	.00266	-.00126	.04265	.00035
#2	-.00309	-.00045	-.00280	-.00129	-.00231	.00691	-.00030
#3	-.00144	.00126	-.00267	-.00099	.00025	.01974	-.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00010	.00312	-.00053	.00005	-.00108	-.00128
Stddev	.00012	.00015	.02173	.00019	.00036	.00051	.00051
%RSD	107.91	145.87	696.47	35.739	657.97	46.957	39.686

#1	-.00021	-.00025	.02821	-.00032	-.00029	-.00142	-.00178
#2	-.00014	.00005	-.00969	-.00061	.00042	-.00050	-.00077
#3	.00002	-.00011	-.00916	-.00067	.00003	-.00132	-.00128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01577	-.00026	-.00050	-.03064	-.00013	-.00070
Stddev	.00010	.01202	.00021	.00043	.01126	.00027	.00006
%RSD	177.60	76.175	80.800	85.470	36.756	207.24	8.7696

#1	.00006	-.00275	-.00013	-.00039	-.02119	-.00044	-.00064
#2	-.00010	-.02644	-.00015	-.00014	-.04311	.00001	-.00070
#3	-.00012	-.01813	-.00050	-.00098	-.02763	.00004	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13696	.00007	-.00172	F -.04160	-.00198	-.00336	-.00127
Stddev	.02967	.00022	.01223	.00284	.00156	.00025	.00280
%RSD	21.662	336.18	711.95	6.8335	78.594	7.5789	219.78

#1	-.10270	.00031	-.01242	-.04200	-.00032	-.00307	.00084
#2	-.15455	-.00011	.01162	-.03858	-.00221	-.00346	-.00021
#3	-.15362	.00000	-.00435	-.04422	-.00341	-.00355	-.00444

Sample Name: ICB01 Acquired: 3/22/2019 13:22:23 Type: Unk
Method: P4-ICP2(v2973) 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	-.00391	-.0012	.00004	F .56967	F<.00000
Stddev	.00191	.0012	.00009	.25149	.86950
%RSD	48.838	97.80	201.64	44.147	646.20
#1	-.00605	-.0018	-.00002	.79141	-.77226
#2	-.00237	-.0021	.00015	.29641	.85588
#3	-.00332	.0001	.00001	.62120	-.48729
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.6	57009.	3027.4	61.993	4271.4
Stddev	12.2	191.	15.5	1.234	7.9
%RSD	.35929	.33435	.51065	1.9907	.18591
#1	3396.4	56873.	3009.7	60.855	4262.9
#2	3420.9	57227.	3037.8	61.820	4272.7
#3	3408.6	56926.	3034.8	63.305	4278.6

Sample Name: CRI01 Acquired: 3/22/2019 13:26:51 Type: Unk
Method: P4-ICP2(v2973) 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	.01961	.04082	.01071	.02052	.05226	.08450	.10492
Stddev	.00240	.00037	.00058	.00141	.00108	.01771	.00036
%RSD	12.213	.89542	5.4310	6.8693	2.0748	20.954	.33933

#1	.02236	.04124	.01015	.02026	.05334	.07819	.10519
#2	.01845	.04059	.01067	.02203	.05117	.10450	.10504
#3	.01801	.04062	.01131	.01925	.05229	.07081	.10452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00653	.00583	2.1374	.01024	.02960	.02185	.10729
Stddev	.00009	.00007	.0095	.00035	.00027	.00008	.00104
%RSD	1.4452	1.1970	.44317	3.4402	.89820	.35332	.96628

#1	.00664	.00591	2.1321	.01046	.02990	.02178	.10700
#2	.00645	.00579	2.1318	.01043	.02949	.02193	.10844
#3	.00651	.00578	2.1484	.00983	.02940	.02183	.10643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02214	2.0672	.03996	.01037	1.9960	.04290	.03815
Stddev	.00004	.0259	.00034	.00037	.0124	.00073	.00005
%RSD	.20032	1.2527	.86334	3.5273	.61900	1.7010	.11820

#1	.02220	2.0725	.04034	.01078	1.9819	.04339	.03812
#2	.02211	2.0390	.03967	.01022	2.0052	.04325	.03820
#3	.02212	2.0900	.03986	.01010	2.0008	.04206	.03812

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8735	.20661	.10929	F -.02571	.38337	.03380	.03859
Stddev	.0308	.00098	.00314	.00233	.00460	.00038	.00266
%RSD	1.6453	.47650	2.8754	9.0669	1.1996	1.1222	6.8928

#1	1.8539	.20681	.10571	-.02444	.38846	.03409	.03554
#2	1.9091	.20747	.11059	-.02429	.37952	.03337	.04041
#3	1.8576	.20553	.11157	-.02840	.38212	.03395	.03982

Sample Name: CRI01 Acquired: 3/22/2019 13:26:51 Type: Unk
Method: P4-ICP2(v2973) 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	.01661	.0186	.02116	F 1.4891	F<.00000
Stddev	.00119	.0011	.00019	.3361	1.9017
%RSD	7.1854	5.702	.88647	22.573	415.63
#1	.01790	.0185	.02095	1.1869	.86759
#2	.01554	.0196	.02124	1.4295	-2.6365
#3	.01638	.0175	.02129	1.8511	.39625
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.7	56577.	3005.8	62.890	4242.9
Stddev	12.3	58.	21.7	.981	3.7
%RSD	.36225	.10282	.72258	1.5605	.08624
#1	3401.9	56549.	2982.9	63.782	4246.2
#2	3387.8	56644.	3026.1	61.839	4238.9
#3	3412.3	56538.	3008.4	63.050	4243.6

Sample Name: ICSA01 Acquired: 3/22/2019 13:31:18 Type: Unk
Method: P4-ICP2(v2973) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	.01350	.00076	.01507	-.01925	275.09	.00263
Stddev	.00273	.00301	.00165	.00178	.00415	.63	.00030
%RSD	92.487	22.252	215.70	11.788	21.568	.23039	11.425

#1	.00535	.01246	.00263	.01354	-.01992	275.76	.00294
#2	.00353	.01116	-.00050	.01702	-.01480	274.50	.00234
#3	-.00002	.01689	.00016	.01466	-.02302	275.02	.00262

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00215	254.69	.04693	.00041	.01374	97.488
Stddev	.00010	.00029	2.18	.00071	.00046	.00068	.505
%RSD	6.0202	13.542	.85676	1.5166	113.70	4.9128	.51758

#1	-.00152	-.00247	253.08	.04674	.00006	.01366	97.483
#2	-.00170	-.00192	253.83	.04633	.00023	.01445	96.987
#3	-.00167	-.00205	257.18	.04772	.00094	.01311	97.996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01172	280.38	-.02395	.00541	-.01022	.00088	-.01007
Stddev	.00018	1.39	.00064	.00050	.00937	.00045	.00031
%RSD	1.5069	.49680	2.6699	9.3059	91.734	50.911	3.0754

#1	.01162	280.40	-.02351	.00513	-.00303	.00037	-.01003
#2	.01161	278.98	-.02469	.00510	-.00680	.00112	-.00979
#3	.01192	281.76	-.02367	.00599	-.02082	.00117	-.01040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.37973	-.00367	.03040	F -.03728	-.00066	-.00844	-.00731
Stddev	.02135	.00048	.01132	.00565	.00145	.00046	.00117
%RSD	5.6229	13.185	37.245	15.165	219.78	5.4476	16.005

#1	-.36369	-.00407	.01876	-.04212	-.00187	-.00811	-.00862
#2	-.37154	-.00313	.03107	-.03107	.00095	-.00897	-.00696
#3	-.40397	-.00381	.04138	-.03865	-.00107	-.00825	-.00636

Sample Name: ICSA01 Acquired: 3/22/2019 13:31:18 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00878	.0186	-.00494	5.4838	114.57
Stddev	.00265	.0013	.00043	.3327	.61
%RSD	30.206	7.060	8.6612	6.0665	.52820
#1	.00597	.0190	-.00512	5.6277	115.24
#2	.00914	.0171	-.00445	5.7202	114.40
#3	.01123	.0196	-.00524	5.1033	114.07
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.3	50846.	2930.9	56.952	3425.3
Stddev	2.9	245.	28.7	2.648	1.1
%RSD	.09301	.48155	.97757	4.6500	.03183
#1	3074.3	50741.	2946.8	54.690	3424.1
#2	3077.7	51126.	2948.0	59.865	3425.6
#3	3080.0	50672.	2897.8	56.302	3426.2

Sample Name: ICSAB01 Acquired: 3/22/2019 13:35:56 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10420	.11431	.05327	.06349	.59696	260.71	.54788
Stddev	.00597	.00195	.00219	.00446	.00257	1.48	.00578
%RSD	5.7261	1.7022	4.1200	7.0235	.43044	.56814	1.0545

#1	.11017	.11249	.05331	.06343	.59974	260.24	.54821
#2	.09824	.11636	.05544	.06798	.59648	262.36	.55349
#3	.10420	.11408	.05105	.05906	.59467	259.51	.54195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55855	1.0000	244.16	.56979	.50815	.51225	94.071
Stddev	.00052	.0014	1.38	.00196	.00074	.00062	.159
%RSD	.09263	.14226	.56557	.34436	.14554	.12066	.16893

#1	.55812	.99938	243.43	.56767	.50756	.51276	93.997
#2	.55913	1.0017	243.30	.57154	.50790	.51243	94.253
#3	.55840	.99908	245.75	.57015	.50898	.51157	93.962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51698	265.24	.97918	.18634	.00566	.53044	1.0607
Stddev	.00139	1.51	.00181	.00068	.00926	.00124	.0023
%RSD	.26794	.56920	.18455	.36662	163.60	.23468	.21818

#1	.51652	263.76	.97751	.18698	.01606	.53089	1.0598
#2	.51854	266.78	.97894	.18562	-.00169	.53140	1.0633
#3	.51589	265.17	.98110	.18644	.00261	.52904	1.0590

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.28436	1.0147	1.0711	F -.03856	.94280	1.0263	1.0252
Stddev	.08470	.0039	.0292	.00254	.00523	.0025	.0029
%RSD	29.785	.38652	2.7253	6.5865	.55437	.24714	.27799

#1	-.20774	1.0161	1.0729	-.03721	.94186	1.0257	1.0222
#2	-.37531	1.0177	1.0994	-.04149	.93811	1.0291	1.0255
#3	-.27003	1.0103	1.0411	-.03698	.94843	1.0242	1.0279

Sample Name: ICSAB01 Acquired: 3/22/2019 13:35:56 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00762	F .0152	F -.00523	5.5066	112.04
Stddev	.00042	.0018	.00062	.2195	2.43
%RSD	5.5484	11.77	11.948	3.9851	2.1690
#1	.00786	.0172	-.00587	5.2807	109.83
#2	.00713	.0148	-.00518	5.7190	111.66
#3	.00786	.0137	-.00462	5.5202	114.64
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3121.3	51515.	2941.1	54.332	3460.3
Stddev	8.7	160.	21.8	.885	6.8
%RSD	.27977	.31153	.74095	1.6295	.19786
#1	3119.8	51515.	2948.0	54.933	3463.4
#2	3113.5	51354.	2958.7	53.315	3452.4
#3	3130.7	51675.	2916.7	54.748	3465.0

Sample Name: CCV01 Acquired: 3/22/2019 13:40:20 Type: Unk
Method: P4-ICP2(v2973) 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	4.8535	4.9484	4.8824	4.8676	4.8656	9.5898	9.7596	.25191
Stddev	.0044	.0049	.0067	.0108	.0200	.0340	.0209	.00087
%RSD	.09074	.09844	.13699	.22248	.41127	.35411	.21400	.34674
#1	4.8484	4.9512	4.8776	4.8717	4.8461	9.5530	9.7405	.25187
#2	4.8563	4.9428	4.8901	4.8553	4.8645	9.6199	9.7564	.25280
#3	4.8558	4.9513	4.8797	4.8758	4.8861	9.5964	9.7819	.25106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4214	25.028	1.0024	2.4495	1.2318	4.9880	2.4232	24.333
Stddev	.0026	.058	.0018	.0024	.0054	.0067	.0041	.113
%RSD	.10787	.23349	.17658	.09908	.43522	.13355	.16804	.46471
#1	2.4242	24.986	1.0007	2.4501	1.2274	4.9808	2.4191	24.207
#2	2.4211	25.095	1.0023	2.4516	1.2302	4.9893	2.4234	24.425
#3	2.4190	25.004	1.0043	2.4468	1.2377	4.9939	2.4272	24.367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4290	1.2311	24.488	2.5119	2.4158	23.948	4.8779	F 4.7108
Stddev	.0019	.0012	.060	.0025	.0020	.131	.0078	.0421
%RSD	.07961	.09583	.24694	.09981	.08351	.54537	.15964	.89428
#1	2.4268	1.2316	24.449	2.5092	2.4182	23.874	4.8693	4.6749
#2	2.4303	1.2297	24.458	2.5123	2.4146	24.099	4.8796	4.7004
#3	2.4300	1.2319	24.558	2.5141	2.4147	23.871	4.8846	4.7572
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7631	4.9766	4.8694	4.9390	4.8777	4.825	4.9370	F 3.7952
Stddev	.0135	.0056	.0028	.0042	.0085	.012	.0040	.0367
%RSD	.28258	.11210	.05718	.08396	.17394	.2425	.08172	.96718
#1	4.7500	4.9704	4.8721	4.9436	4.8689	4.839	4.9324	3.8328
#2	4.7624	4.9781	4.8696	4.9379	4.8785	4.819	4.9396	3.7594
#3	4.7768	4.9813	4.8665	4.9356	4.8858	4.818	4.9391	3.7933

Sample Name: CCV01 Acquired: 3/22/2019 13:40:20 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4373
Stddev	1.2958
%RSD	37.698

#1	2.0334
#2	4.5874
#3	3.6912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.5	55365.	2974.7	57.920	3839.6
Stddev	7.4	125.	6.3	1.219	10.4
%RSD	.22140	.22595	.21034	2.1039	.26986

#1	3327.5	55242.	2967.5	58.515	3837.6
#2	3312.9	55492.	2977.6	56.518	3830.4
#3	3321.2	55361.	2979.0	58.727	3850.9

Sample Name: LLCCV01 Acquired: 3/22/2019 13:44:19 Type: Unk
Method: P4-ICP2(v2973) 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	.01726	.04262	.01109	.02230	.05792	.08836	.10991
Stddev	.00097	.00158	.00092	.00326	.00191	.01759	.00147
%RSD	5.6434	3.7051	8.3190	14.635	3.2969	19.910	1.3359

#1	.01835	.04080	.01095	.02367	.05618	.07369	.10840
#2	.01695	.04341	.01025	.01858	.05996	.10786	.11134
#3	.01648	.04364	.01207	.02466	.05763	.08352	.10999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00664	.00600	2.2467	.01047	.03089	.02278	.11289
Stddev	.00011	.00006	.0237	.00019	.00031	.00022	.00024
%RSD	1.6234	1.0314	1.0540	1.8054	.98827	.95414	.21199

#1	.00674	.00594	2.2714	.01049	.03073	.02253	.11288
#2	.00653	.00606	2.2241	.01065	.03070	.02292	.11313
#3	.00664	.00601	2.2445	.01027	.03124	.02289	.11265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02309	2.1041	.04154	.01098	2.0846	.04504	.04003
Stddev	.00016	.0614	.00050	.00019	.0125	.00058	.00010
%RSD	.71106	2.9158	1.1943	1.7661	.59762	1.2782	.25240

#1	.02325	2.0478	.04100	.01121	2.0711	.04568	.04008
#2	.02309	2.0950	.04165	.01086	2.0955	.04456	.04010
#3	.02292	2.1694	.04197	.01089	2.0873	.04489	.03992

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0043	.21669	.11163	F -.02894	.40669	.03767	.04031
Stddev	.0267	.00124	.01563	.00475	.00502	.00073	.00260
%RSD	1.3303	.57378	14.003	16.408	1.2336	1.9436	6.4416

#1	2.0313	.21808	.10431	-.03256	.41239	.03848	.03736
#2	1.9780	.21634	.12957	-.02356	.40470	.03704	.04225
#3	2.0036	.21567	.10099	-.03069	.40297	.03749	.04132

Sample Name: LLCCV01 Acquired: 3/22/2019 13:44:19 Type: Unk
 Method: P4-ICP2(v2973) 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	.02049	.0187	.02224	F 2.0945	F<.00000
Stddev	.00078	.0012	.00025	.1394	1.2439
%RSD	3.7826	6.535	1.1403	6.6558	708.56
#1	.02094	.0200	.02195	2.2465	-1.2850
#2	.01959	.0184	.02238	2.0644	-.41084
#3	.02094	.0176	.02239	1.9726	1.1692
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3412.8	57035.	2981.6	59.149	4251.6
Stddev	10.4	50.	10.0	.570	12.6
%RSD	.30455	.08735	.33686	.96290	.29749
#1	3402.6	57087.	2970.1	59.575	4241.1
#2	3412.4	56987.	2986.2	59.370	4248.0
#3	3423.4	57032.	2988.5	58.502	4265.6

Sample Name: CCB01 Acquired: 3/22/2019 13:48:47 Type: Unk
Method: P4-ICP2(v2973) 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	-.00149	-.00046	-.00212	-.00005	.00051	-.02497	-.00062
Stddev	.00403	.00119	.00041	.00236	.00092	.00536	.00088
%RSD	270.96	259.71	19.535	4831.9	180.36	21.460	141.93

#1	-.00599	.00087	-.00208	-.00226	.00152	-.02855	-.00164
#2	-.00025	-.00143	-.00256	-.00033	.00033	-.01881	-.00005
#3	.00178	-.00081	-.00173	.00244	-.00031	-.02754	-.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00003	-.00318	-.00043	.00022	.00007	-.00133
Stddev	.00002	.00005	.00989	.00006	.00017	.00053	.00024
%RSD	73.567	173.72	310.56	13.295	78.393	712.49	18.097

#1	-.00002	-.00004	-.01383	-.00048	.00037	.00068	-.00155
#2	-.00006	.00003	.00571	-.00043	.00025	-.00032	-.00138
#3	-.00002	-.00008	-.00143	-.00037	.00003	-.00014	-.00107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02076	-.00060	-.00053	-.02993	.00020	-.00059
Stddev	.00010	.06502	.00011	.00025	.00993	.00047	.00005
%RSD	154.82	313.26	17.788	46.571	33.192	234.19	8.3395

#1	-.00019	-.00960	-.00048	-.00049	-.04032	.00054	-.00055
#2	-.00001	.03796	-.00063	-.00030	-.02894	.00040	-.00064
#3	-.00000	-.09063	-.00068	-.00079	-.02053	-.00034	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11255	.00008	-.00124	F -.04818	-.00361	-.00333	-.00039
Stddev	.01680	.00012	.00993	.00317	.00447	.00028	.00196
%RSD	14.927	158.88	799.67	6.5815	123.94	8.2849	508.99

#1	-.09359	.00007	.00761	-.04454	.00102	-.00354	-.00202
#2	-.12560	.00020	-.01198	-.05033	-.00394	-.00344	-.00093
#3	-.11845	-.00004	.00065	-.04966	-.00790	-.00302	.00179

Sample Name: CCB01 Acquired: 3/22/2019 13:48:47 Type: Unk
Method: P4-ICP2(v2973) 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	-0.00371	-0.0006	.00009	F 2.0861	F<.00000
Stddev	.00121	.0009	.00012	.0873	2.7724
%RSD	32.537	135.1	133.43	4.1837	225.83
#1	-0.00304	-0.0004	.00008	2.0571	1.9619
#2	-0.00511	.0001	-.00002	2.0170	-3.0595
#3	-0.00300	-0.0016	.00022	2.1842	-2.5855
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.6	57438.	2980.8	58.492	4292.2
Stddev	2.3	255.	24.8	1.019	14.6
%RSD	.06788	.44453	.83207	1.7413	.33916
#1	3425.3	57231.	2973.4	57.930	4276.3
#2	3427.6	57361.	2960.5	57.880	4295.5
#3	3429.9	57723.	3008.5	59.668	4304.9

Sample Name: LR CHECK 1 Acquired: 3/22/2019 13:55:42 Type: Unk
Method: P4-ICP2(v2973) 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	-.00643	.09293	-.07009	.48730	-.12110	1932.0	-.01584	.02124
Stddev	.00740	.00301	.00799	.01219	.00400	14.8	.00138	.00090
%RSD	115.02	3.2361	11.400	2.5016	3.3068	.76858	8.7072	4.2214

#1	-.00543	.09563	-.07143	.48546	-.11689	1949.0	-.01576	.02034
#2	.00042	.09348	-.07733	.50031	-.12153	1925.4	-.01726	.02127
#3	-.01428	.08969	-.06152	.47614	-.12487	1921.5	-.01451	.02213

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02371	1936.0	-.11358	.06023	-.05502	959.33	-.03235	1748.3
Stddev	.00181	3.2	.00092	.00015	.00226	8.76	.00017	21.5
%RSD	7.6393	.16389	.81114	.24318	4.1124	.91351	.53859	1.2304

#1	.02580	1936.7	-.11347	.06015	-.05591	955.63	-.03228	1762.5
#2	.02265	1932.5	-.11456	.06039	-.05670	969.34	-.03255	1758.8
#3	.02268	1938.7	-.11273	.06013	-.05244	953.03	-.03223	1723.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10285	.04487	1829.7	.00784	.03391	1066.4	-.03384	-.15338
Stddev	.00056	.00032	16.3	.00043	.00350	7.4	.00026	.01955
%RSD	.54295	.72406	.88891	5.4338	10.333	.69524	.77409	12.748

#1	-.10222	.04480	1835.9	.00814	.03613	1073.4	-.03377	-.17251
#2	-.10302	.04523	1842.0	.00735	.02987	1067.2	-.03362	-.13343
#3	-.10330	.04459	1811.3	.00801	.03573	1058.6	-.03413	-.15422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24377	-.02077	-.03281	-.06797	.09791	.1721	-1.0428	10.657
Stddev	.01191	.00355	.00277	.00118	.00246	.0052	.0095	.112
%RSD	4.8870	17.102	8.4406	1.7417	2.5175	3.011	.90749	1.0546

#1	.23562	-.02053	-.02961	-.06911	.09962	.1779	-1.0389	10.601
#2	.25744	-.01735	-.03450	-.06674	.09508	.1680	-1.0536	10.583
#3	.23826	-.02444	-.03432	-.06806	.09902	.1703	-1.0360	10.786

Sample Name: LR CHECK 1 Acquired: 3/22/2019 13:55:42 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

#1 ^ -----
#2 1883.2
#3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.3	40033.	2508.5	39.588	2299.1
Stddev	23.0	199.	20.6	.988	18.3
%RSD	.94442	.49827	.82209	2.4951	.79467

#1	2412.5	40002.	2524.9	40.381	2279.5
#2	2427.0	39850.	2515.2	38.482	2302.2
#3	2457.5	40246.	2485.3	39.902	2315.7

Sample Name: LR CHECK 2 Acquired: 3/22/2019 14:00:34 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00271	.00986	234.91	.06011	-.08948	-.27752	105.08	-.00299
Stddev	.00063	.00100	1.15	.00146	.00016	.01921	.70	.00005
%RSD	23.152	10.181	.48882	2.4332	.17897	6.9228	.66893	1.7765

#1	.00199	.00871	235.74	.06123	-.08941	-.29108	104.47	-.00305
#2	.00305	.01030	235.40	.05845	-.08967	-.28595	105.85	-.00296
#3	.00310	.01057	233.60	.06064	-.08938	-.25554	104.93	-.00296

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01595	.29357	-.12988	-.00975	269.25	-.66845	41.315	-.02696
Stddev	.00013	.00985	.00110	.00038	.92	.00409	.178	.03639
%RSD	.79432	3.3558	.84341	3.9209	.34211	.61234	.43160	134.99

#1	-.01610	.30173	-.13084	-.01000	270.32	-.67308	41.475	-.02482
#2	-.01587	.28263	-.13012	-.00993	268.77	-.66695	41.347	-.06438
#3	-.01589	.29637	-.12869	-.00931	268.68	-.66532	41.123	.00831

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.360	.00096	1.5549	.50325	34.625	2.8046	-.00531	-.00566
Stddev	.258	.00038	.1309	.00193	.258	.1833	.00030	.00788
%RSD	.53338	40.055	8.4204	.38316	.74541	6.5364	5.6704	139.30

#1	48.525	.00073	1.6932	.50336	34.758	2.9965	-.00499	-.00035
#2	48.492	.00075	1.5387	.50127	34.328	2.7861	-.00558	-.00191
#3	48.063	.00140	1.4329	.50512	34.790	2.6312	-.00537	-.01472

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00865	.02043	-.00504	.00722	-.00092	-1.721	.00245	3.2201
Stddev	.00398	.00144	.00041	.00131	.00151	.020	.00019	.1143
%RSD	46.031	7.0499	8.2193	18.175	164.45	1.147	7.7364	3.5490

#1	-.00902	.02145	-.00502	.00720	-.00193	-1.741	.00233	3.0917
#2	-.00450	.02106	-.00546	.00854	-.00163	-1.721	.00237	3.3107
#3	-.01243	.01878	-.00464	.00592	.00081	-1.702	.00267	3.2581

Sample Name: LR CHECK 2 Acquired: 3/22/2019 14:00:34 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .24954
 Stddev .80238
 %RSD 321.54

#1 -.67622
 #2 .74445
 #3 .68041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.6	59071.	2859.9	48.481	3973.5
Stddev	11.0	151.	5.2	.219	15.0
%RSD	.39790	.25485	.18297	.45124	.37825

#1	2757.4	59098.	2853.9	48.416	3960.2
#2	2766.1	58908.	2862.6	48.302	3970.6
#3	2779.3	59205.	2863.2	48.725	3989.8

Sample Name: K2018-05 Acquired: 3/22/2019 14:05:52 Type: Unk
Method: P4-ICP2(v2973) 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	.04005	-.01417	.20404	.09658	-.02452	167.57	.53449	.00980
Stddev	.00112	.00220	.00790	.00355	.00062	.45	.00098	.00039
%RSD	2.8023	15.559	3.8717	3.6734	2.5293	.27007	.18395	4.0060
#1	.04089	-.01462	.20986	.09507	-.02495	167.08	.53382	.00950
#2	.04049	-.01611	.20723	.10063	-.02381	167.66	.53403	.01024
#3	.03878	-.01177	.19505	.09403	-.02480	167.97	.53562	.00966
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	48.297	.26661	.15205	.46126	221.55	2.3908	52.997
Stddev	.00042	.136	.00076	.00050	.00191	.58	.0032	.347
%RSD	26.821	.28165	.28609	.32977	.41362	.25983	.13548	.65387
#1	-.00196	48.230	.26647	.15207	.46287	220.92	2.3935	52.951
#2	-.00159	48.453	.26593	.15154	.46175	222.05	2.3917	52.676
#3	-.00113	48.207	.26744	.15255	.45915	221.68	2.3872	53.365
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20807	.01362	5.0194	.54353	1.1235	16.328	-.00402	.75106
Stddev	.00138	.00025	.0264	.00293	.0010	.053	.00010	.01635
%RSD	.66459	1.8454	.52628	.53821	.08440	.32196	2.4883	2.1770
#1	.20959	.01338	4.9915	.54689	1.1244	16.281	-.00398	.76551
#2	.20688	.01388	5.0440	.54213	1.1225	16.319	-.00395	.73331
#3	.20776	.01361	5.0227	.54157	1.1237	16.384	-.00413	.75437
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0044	1.4690	.00481	4.1696	.13319	3.928	-.01777	<.00000
Stddev	.0096	.0153	.00052	.0077	.00081	.001	.00048	.16368
%RSD	.95534	1.0442	10.871	.18524	.60697	.0363	2.7180	5.0268
#1	1.0003	1.4786	.00538	4.1607	.13281	3.928	-.01723	-3.3023
#2	.99747	1.4771	.00472	4.1741	.13412	3.929	-.01815	-3.3917
#3	1.0153	1.4513	.00435	4.1740	.13264	3.926	-.01794	-3.0743

Sample Name: K2018-05 Acquired: 3/22/2019 14:05:52 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 516.63
 Stddev 3.50
 %RSD .67682

#1 513.06
 #2 516.78
 #3 520.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.7	65553.	3395.0	48.695	3703.7
Stddev	9.5	137.	23.4	.797	4.0
%RSD	.24050	.20883	.68882	1.6364	.10789

#1	3950.1	65399.	3386.1	49.613	3706.2
#2	3948.4	65597.	3377.3	48.284	3705.8
#3	3965.7	65662.	3421.5	48.187	3699.1

Sample Name: K2024-01 Acquired: 3/22/2019 14:10:18 Type: Unk
Method: P4-ICP2(v2973) 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	.23034	-.03469	3.5911	.11420	.07134	148.05	1.8877	.01316
Stddev	.00437	.00127	.0121	.00397	.00242	1.34	.0151	.00008
%RSD	1.8972	3.6613	.33596	3.4782	3.3918	.90234	.79808	.62811
#1	.22914	-.03362	3.5929	.11642	.07248	148.22	1.8856	.01326
#2	.23519	-.03437	3.6022	.10961	.06856	146.64	1.8738	.01313
#3	.22670	-.03609	3.5782	.11656	.07298	149.30	1.9037	.01310
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	761.81	.36249	.23817	2.3973	249.72	4.2210	94.076
Stddev	.00034	6.77	.00129	.00043	.0035	1.50	.0058	.705
%RSD	11.406	.88906	.35633	.17873	.14754	.60059	.13838	.74953
#1	.00329	767.67	.36134	.23788	2.3976	248.17	4.2235	94.024
#2	.00308	763.36	.36389	.23796	2.4007	249.83	4.2143	93.398
#3	.00262	754.39	.36224	.23866	2.3937	251.17	4.2252	94.805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43117	.01548	12.037	.45741	19.244	40.508	.01964	.25868
Stddev	.00069	.00054	.098	.00198	.042	.345	.00047	.01193
%RSD	.16020	3.5191	.81721	.43351	.21813	.85138	2.3702	4.6108
#1	.43162	.01485	12.012	.45884	19.199	40.539	.01911	.26116
#2	.43037	.01572	11.954	.45515	19.281	40.149	.01993	.26918
#3	.43151	.01586	12.146	.45826	19.253	40.836	.01990	.24571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.031	1.2718	.92909	7.4163	.30142	8.225	2.9664	2.5803
Stddev	.133	.0229	.00252	.0493	.00069	.014	.0345	.0948
%RSD	.28243	1.7976	.27080	.66429	.22756	.1657	1.1637	3.6754
#1	46.920	1.2877	.92796	7.4661	.30214	8.212	2.9994	2.4993
#2	47.178	1.2821	.93197	7.4151	.30135	8.239	2.9692	2.6847
#3	46.996	1.2456	.92734	7.3676	.30077	8.224	2.9305	2.5570

Sample Name: K2024-01 Acquired: 3/22/2019 14:10:18 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 529.16
Stddev 4.97
%RSD .93891

#1 534.56
#2 524.79
#3 528.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.8	56044.	3030.6	45.298	3277.2
Stddev	2.6	27.	49.5	1.629	7.5
%RSD	.07698	.04794	1.6341	3.5958	.22856

#1	3360.7	56060.	3000.3	46.572	3285.8
#2	3359.8	56013.	3003.7	43.463	3273.5
#3	3355.9	56060.	3087.7	45.860	3272.2

Sample Name: K2024-02 Acquired: 3/22/2019 14:14:39 Type: Unk
Method: P4-ICP2(v2973) 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	.22475	-.03195	3.5639	.11176	.11943	137.19	1.7294	.01477
Stddev	.00248	.00177	.0094	.00271	.00181	.60	.0048	.00029
%RSD	1.1040	5.5528	.26462	2.4239	1.5191	.43628	.27731	1.9423
#1	.22614	-.03053	3.5536	.11483	.12133	136.69	1.7256	.01450
#2	.22189	-.03394	3.5661	.11076	.11925	137.03	1.7278	.01472
#3	.22623	-.03138	3.5721	.10970	.11771	137.86	1.7348	.01507
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	542.58	.30863	.26650	2.3728	256.25	4.0524	85.013
Stddev	.00025	1.29	.00038	.00127	.0092	1.20	.0049	.328
%RSD	9.6285	.23851	.12154	.47746	.38989	.46728	.12020	.38602
#1	.00289	541.34	.30842	.26521	2.3803	255.51	4.0470	84.836
#2	.00238	542.48	.30841	.26653	2.3758	255.62	4.0537	85.392
#3	.00265	543.92	.30907	.26776	2.3625	257.64	4.0564	84.811
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46465	.01652	11.455	.46290	17.368	35.660	.02725	.24073
Stddev	.00255	.00079	.017	.00221	.029	.117	.00004	.01176
%RSD	.54844	4.7597	.14591	.47658	.16657	.32934	.16470	4.8854
#1	.46250	.01662	11.440	.46089	17.344	35.702	.02730	.24805
#2	.46397	.01569	11.452	.46526	17.360	35.528	.02722	.24698
#3	.46746	.01725	11.473	.46255	17.400	35.751	.02722	.22716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.347	1.4097	1.0077	7.0179	.29228	7.550	1.6563	1.0625
Stddev	.096	.0073	.0039	.0350	.00359	.017	.0026	.2940
%RSD	.31484	.51955	.38349	.49886	1.2299	.2212	.15541	27.675
#1	30.302	1.4015	1.0034	6.9949	.28830	7.531	1.6538	1.3589
#2	30.282	1.4118	1.0110	7.0006	.29530	7.558	1.6560	1.0577
#3	30.457	1.4157	1.0086	7.0582	.29324	7.561	1.6590	.77085

Sample Name: K2024-02 Acquired: 3/22/2019 14:14:39 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 584.52
Stddev 6.88
%RSD 1.1774

#1 577.10
#2 585.77
#3 590.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.1	57974.	3067.8	45.253	3404.8
Stddev	16.2	99.	5.5	.346	4.3
%RSD	.46798	.17152	.18030	.76561	.12681

#1	3454.9	57861.	3061.4	45.264	3406.8
#2	3456.5	58013.	3070.9	44.900	3399.8
#3	3483.8	58049.	3071.1	45.593	3407.6

Sample Name: K2024-02DUP Acquired: 3/22/2019 14:19:00 Type: Unk
Method: P4-ICP2(v2973) 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	.22399	-.03011	3.5431	.11453	.11194	135.87	1.7454	.01475
Stddev	.00111	.00119	.0038	.00113	.00411	.68	.0105	.00036
%RSD	.49382	3.9377	.10754	.98698	3.6699	.49752	.60039	2.4588
#1	.22431	-.02885	3.5387	.11497	.10749	136.59	1.7554	.01438
#2	.22490	-.03120	3.5455	.11538	.11274	135.78	1.7462	.01476
#3	.22276	-.03029	3.5451	.11325	.11559	135.24	1.7345	.01510
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	551.69	.30829	.27582	2.4597	258.88	4.1145	84.335
Stddev	.00049	1.19	.00070	.00092	.0017	1.14	.0053	.293
%RSD	20.804	.21653	.22705	.33319	.06873	.43919	.12750	.34795
#1	.00198	553.06	.30863	.27529	2.4613	259.55	4.1085	84.640
#2	.00220	551.17	.30876	.27688	2.4598	259.52	4.1178	84.309
#3	.00292	550.85	.30749	.27530	2.4579	257.57	4.1173	84.055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46499	.01670	11.340	.46467	18.240	35.505	.02685	.24931
Stddev	.00149	.00022	.078	.00357	.043	.218	.00027	.00877
%RSD	.31946	1.3430	.68970	.76833	.23683	.61509	1.0019	3.5186
#1	.46579	.01679	11.423	.46059	18.252	35.757	.02702	.24001
#2	.46328	.01644	11.328	.46616	18.277	35.391	.02699	.25743
#3	.46591	.01686	11.268	.46725	18.193	35.368	.02654	.25049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.879	1.4070	.97122	6.9908	.29468	7.606	1.6634	1.4877
Stddev	.069	.0089	.00150	.0038	.00118	.004	.0041	.3725
%RSD	.22354	.63560	.15477	.05413	.40122	.0580	.24632	25.041
#1	30.859	1.3977	.96949	6.9905	.29580	7.602	1.6680	1.8691
#2	30.956	1.4155	.97190	6.9872	.29344	7.611	1.6621	1.4693
#3	30.822	1.4079	.97225	6.9948	.29480	7.606	1.6601	1.1247

Sample Name: K2024-02DUP Acquired: 3/22/2019 14:19:00 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 582.52
Stddev 3.29
%RSD .56522

#1 578.90
#2 583.31
#3 585.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.6	57334.	3001.1	44.052	3351.8
Stddev	3.2	197.	5.5	1.530	8.0
%RSD	.09303	.34310	.18410	3.4738	.23884

#1	3415.5	57111.	2998.7	45.804	3349.1
#2	3418.5	57411.	3007.4	42.979	3345.5
#3	3421.8	57481.	2997.1	43.372	3360.8

Sample Name: K2024-02LX5 Acquired: 3/22/2019 14:23:21 Type: Unk
Method: P4-ICP2(v2973) 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	.04532	-.00571	.74187	.03653	.02019	28.387	.36691	.00207
Stddev	.00054	.00104	.00602	.00414	.00095	.131	.00111	.00003
%RSD	1.1810	18.184	.81081	11.330	4.7070	.46153	.30148	1.2539

#1	.04470	-.00652	.74810	.03992	.01912	28.311	.36681	.00208
#2	.04562	-.00609	.73610	.03192	.02049	28.538	.36807	.00204
#3	.04564	-.00454	.74140	.03774	.02095	28.312	.36586	.00209

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	125.40	.06991	.05519	.57992	67.411	.94173	18.239
Stddev	.00012	.54	.00066	.00020	.00120	.319	.00208	.071
%RSD	5.6437	.42850	.94912	.36501	.20664	.47273	.22113	.39086

#1	-.00217	125.60	.07016	.05511	.58131	67.685	.93934	18.158
#2	-.00221	124.80	.06916	.05503	.57923	67.061	.94271	18.293
#3	-.00198	125.82	.07042	.05542	.57924	67.486	.94314	18.266

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09186	.00414	2.4125	.10458	3.7823	7.2143	.00604	.08067
Stddev	.00015	.00055	.0092	.00010	.0094	.1019	.00007	.00442
%RSD	.16063	13.256	.37976	.09316	.24804	1.4121	1.2006	5.4776

#1	.09169	.00378	2.4025	.10468	3.7723	7.1782	.00613	.08325
#2	.09196	.00477	2.4205	.10449	3.7909	7.3294	.00601	.08319
#3	.09193	.00386	2.4144	.10456	3.7837	7.1355	.00599	.07557

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8142	.33611	.19503	1.5889	.06640	1.458	.36685	2.9655
Stddev	.0094	.00197	.00134	.0123	.00104	.005	.00091	.0443
%RSD	.16231	.58513	.68878	.77370	1.5689	.3321	.24716	1.4940

#1	5.8207	.33571	.19374	1.5820	.06697	1.460	.36789	2.9683
#2	5.8185	.33437	.19642	1.6031	.06520	1.452	.36628	2.9198
#3	5.8034	.33824	.19494	1.5817	.06704	1.462	.36636	3.0083

Sample Name: K2024-02LX5 Acquired: 3/22/2019 14:23:21 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	78.062
Stddev	.334
%RSD	.42739

#1	77.677
#2	78.247
#3	78.262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.8	56004.	2746.3	46.720	3827.8
Stddev	5.8	33.	12.8	1.708	9.0
%RSD	.17355	.05917	.46749	3.6557	.23608

#1	3353.3	56042.	2736.0	48.690	3838.2
#2	3351.0	55984.	2760.7	45.808	3823.8
#3	3342.3	55985.	2742.1	45.661	3821.6

Sample Name: K2024-02MS Acquired: 3/22/2019 14:27:42 Type: Unk
Method: P4-ICP2(v2973) 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	.88409	1.9238	3.8928	1.8426	.14203	154.38	2.0499	.20968
Stddev	.00554	.0071	.0151	.0040	.00298	.86	.0109	.00073
%RSD	.62611	.36866	.38736	.21493	2.0985	.55521	.53098	.34842
#1	.87780	1.9222	3.8923	1.8469	.13859	155.37	2.0616	.20884
#2	.88821	1.9177	3.8780	1.8391	.14371	153.91	2.0482	.21006
#3	.88627	1.9316	3.9081	1.8417	.14379	153.87	2.0400	.21014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20190	579.92	.66936	.42449	2.0990	243.67	4.7687	102.62
Stddev	.00113	2.34	.00066	.00175	.0035	2.88	.0115	.35
%RSD	.56172	.40397	.09908	.41115	.16636	1.1839	.24002	.33760
#1	.20082	579.17	.66904	.42293	2.1029	246.35	4.7791	102.96
#2	.20180	578.05	.67013	.42416	2.0979	244.03	4.7705	102.27
#3	.20309	582.55	.66892	.42637	2.0962	240.62	4.7564	102.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92506	.08472	13.634	.76514	12.658	50.372	.34982	.44477
Stddev	.00207	.00133	.066	.00049	.028	.285	.00062	.01406
%RSD	.22328	1.5643	.48600	.06361	.21985	.56550	.17810	3.1613
#1	.92412	.08564	13.708	.76475	12.690	50.701	.34921	.44215
#2	.92364	.08533	13.614	.76569	12.640	50.198	.35045	.45995
#3	.92743	.08320	13.580	.76499	12.643	50.218	.34979	.43220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.603	2.0783	1.3971	8.0962	.53446	F 14.30	1.9010	2.5614
Stddev	.056	.0154	.0018	.0408	.00389	.01	.0148	.0600
%RSD	.19667	.74235	.13137	.50387	.72773	.0816	.78030	2.3439
#1	28.667	2.0618	1.3983	8.0727	.53131	14.29	1.8994	2.6249
#2	28.560	2.0810	1.3979	8.0727	.53327	14.29	1.8869	2.5055
#3	28.582	2.0923	1.3950	8.1433	.53881	14.31	1.9165	2.5538

Sample Name: K2024-02MS Acquired: 3/22/2019 14:27:42 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 533.21
Stddev	8.56
%RSD	1.6057

#1	523.38
#2	539.03
#3	537.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.2	57195.	2945.0	40.925	3290.5
Stddev	3.1	124.	13.8	.810	2.0
%RSD	.08987	.21719	.46717	1.9796	.05997

#1	3416.4	57105.	2955.3	40.610	3288.8
#2	3413.0	57143.	2950.4	41.845	3292.6
#3	3410.3	57336.	2929.4	40.319	3290.0

Sample Name: K2024-02MSD Acquired: 3/22/2019 14:32:00 Type: Unk
Method: P4-ICP2(v2973) 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	.88491	1.9455	3.9447	1.8544	.14563	154.81	2.0605	.21232
Stddev	.00431	.0058	.0089	.0063	.00171	.63	.0099	.00063
%RSD	.48723	.29858	.22629	.34134	1.1769	.40732	.47869	.29689
#1	.88464	1.9389	3.9365	1.8613	.14536	154.16	2.0526	.21196
#2	.88075	1.9475	3.9542	1.8529	.14406	155.42	2.0715	.21305
#3	.88936	1.9499	3.9434	1.8489	.14746	154.85	2.0572	.21196
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20355	588.72	.67895	.42800	2.1051	245.74	4.8734	102.36
Stddev	.00061	4.21	.00202	.00271	.0054	2.54	.0061	.27
%RSD	.30033	.71442	.29709	.63263	.25707	1.0336	.12455	.25920
#1	.20400	589.84	.67988	.42487	2.1110	242.90	4.8680	102.13
#2	.20379	592.26	.67663	.42955	2.1003	246.53	4.8723	102.65
#3	.20285	584.07	.68033	.42957	2.1041	247.79	4.8800	102.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93241	.08572	13.693	.77235	12.632	50.926	.35084	.45252
Stddev	.00226	.00154	.075	.00053	.011	.295	.00056	.00311
%RSD	.24238	1.7916	.55015	.06899	.08903	.58020	.16078	.68776
#1	.92987	.08395	13.613	.77223	12.621	50.610	.35140	.45606
#2	.93318	.08653	13.763	.77189	12.632	51.196	.35027	.45128
#3	.93419	.08669	13.702	.77294	12.643	50.973	.35086	.45022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.199	2.1323	1.4037	8.2354	.55235	F 14.43	1.9311	2.3968
Stddev	.029	.0212	.0027	.0267	.00329	.03	.0209	.2098
%RSD	.09794	.99453	.19441	.32418	.59611	.1833	1.0841	8.7522
#1	29.176	2.1516	1.4006	8.2054	.55383	14.41	1.9437	2.3093
#2	29.190	2.1359	1.4047	8.2565	.54858	14.46	1.9427	2.6361
#3	29.231	2.1096	1.4058	8.2445	.55465	14.43	1.9070	2.2448

Sample Name: K2024-02MSD Acquired: 3/22/2019 14:32:00 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 535.56
Stddev	5.47
%RSD	1.0221

#1	535.60
#2	530.06
#3	541.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.6	56704.	2899.3	41.847	3257.1
Stddev	11.1	180.	15.7	.612	3.4
%RSD	.32842	.31799	.54056	1.4635	.10513

#1	3377.8	56887.	2885.1	42.455	3253.4
#2	3396.8	56697.	2896.7	41.231	3257.7
#3	3397.3	56527.	2916.1	41.856	3260.2

Sample Name: K2024-02A Acquired: 3/22/2019 14:36:18 Type: Unk
Method: P4-ICP2(v2973) 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	.89628	1.9611	4.0613	1.8840	.14505	157.16	2.1052	.21532
Stddev	.00290	.0049	.0053	.0067	.00068	.40	.0077	.00028
%RSD	.32399	.25199	.13045	.35506	.46785	.25611	.36500	.13169
#1	.89491	1.9634	4.0618	1.8916	.14467	157.05	2.1128	.21561
#2	.89962	1.9646	4.0558	1.8789	.14465	157.61	2.1052	.21530
#3	.89432	1.9555	4.0663	1.8815	.14583	156.83	2.0975	.21504
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20621	594.02	.68873	.43736	2.1430	250.90	4.9311	103.06
Stddev	.00035	5.14	.00153	.00064	.0088	.83	.0118	.25
%RSD	.17197	.86501	.22193	.14575	.40935	.33275	.23999	.23997
#1	.20659	589.44	.68846	.43801	2.1345	251.86	4.9409	102.78
#2	.20589	593.04	.69038	.43673	2.1423	250.31	4.9343	103.14
#3	.20616	599.57	.68735	.43735	2.1520	250.53	4.9180	103.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94648	.08590	13.682	.78697	12.858	52.690	.35785	.46361
Stddev	.00056	.00096	.023	.00061	.018	.139	.00051	.00916
%RSD	.05910	1.1216	.16862	.07734	.14035	.26307	.14282	1.9760
#1	.94662	.08685	13.708	.78722	12.844	52.650	.35810	.46785
#2	.94696	.08592	13.672	.78740	12.851	52.844	.35819	.46988
#3	.94587	.08492	13.666	.78627	12.878	52.576	.35727	.45310
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.645	4.0224	1.4337	8.2924	.56629	F 14.66	1.9505	2.4945
Stddev	.076	.0303	.0042	.0726	.00321	.04	.0150	.3805
%RSD	.25790	.75462	.29269	.87538	.56759	.3033	.76626	15.253
#1	29.666	4.0024	1.4344	8.2310	.56402	14.70	1.9371	2.4256
#2	29.561	4.0074	1.4374	8.2737	.56996	14.65	1.9478	2.1532
#3	29.709	4.0573	1.4291	8.3725	.56487	14.62	1.9666	2.9047

Sample Name: K2024-02A Acquired: 3/22/2019 14:36:18 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 559.03
Stddev 5.40
%RSD .96593

#1 554.94
#2 557.00
#3 565.15

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.8	56700.	2898.7	40.782	3247.0
Stddev	3.7	182.	18.1	2.711	3.0
%RSD	.10985	.32185	.62380	6.6479	.09097

#1	3391.9	56623.	2917.3	37.722	3245.4
#2	3386.8	56568.	2897.7	42.883	3250.4
#3	3384.7	56908.	2881.2	41.742	3245.3

Sample Name: CCV02 Acquired: 3/22/2019 14:55:12 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9137	5.0835	4.9991	4.9476	4.9475	9.2451	9.4020	.25691
Stddev	.0114	.0076	.0027	.0190	.0116	.0531	.0688	.00054
%RSD	.23108	.14956	.05325	.38470	.23453	.57448	.73176	.20882
#1	4.9100	5.0786	5.0018	4.9694	4.9609	9.1844	9.3227	.25633
#2	4.9046	5.0923	4.9965	4.9388	4.9418	9.2832	9.4377	.25700
#3	4.9264	5.0796	4.9988	4.9345	4.9399	9.2677	9.4456	.25739
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4732	25.393	1.0213	2.4955	1.2538	5.0708	2.4760	25.234
Stddev	.0050	.071	.0052	.0016	.0003	.0129	.0078	.178
%RSD	.20148	.27914	.51019	.06284	.02341	.25399	.31444	.70531
#1	2.4739	25.474	1.0152	2.4942	1.2534	5.0559	2.4673	25.030
#2	2.4777	25.342	1.0242	2.4972	1.2538	5.0776	2.4823	25.355
#3	2.4678	25.364	1.0243	2.4949	1.2540	5.0788	2.4784	25.318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4818	1.2546	24.309	2.5563	2.4575	23.943	4.9417	F 3.8327
Stddev	.0073	.0018	.225	.0037	.0049	.260	.0052	.0306
%RSD	.29560	.14161	.92647	.14670	.19829	1.0847	.10523	.79702
#1	2.4827	1.2565	24.050	2.5528	2.4557	23.722	4.9464	3.8016
#2	2.4887	1.2530	24.415	2.5560	2.4631	23.878	4.9426	3.8338
#3	2.4741	1.2542	24.461	2.5603	2.4539	24.230	4.9361	3.8627
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8884	F 5.6993	4.9735	4.8714	5.4281	4.988	5.1325	F 3.8666
Stddev	.0180	.0549	.0083	.0187	.0406	.006	.0345	.1705
%RSD	.36871	.96366	.16593	.38361	.74856	.1296	.67158	4.4107
#1	4.9041	5.7569	4.9828	4.8914	5.4677	4.996	5.1588	4.0631
#2	4.8925	5.6935	4.9705	4.8544	5.4301	4.984	5.1453	3.7792
#3	4.8687	5.6475	4.9671	4.8685	5.3865	4.986	5.0935	3.7574

Sample Name: CCV02 Acquired: 3/22/2019 14:55:12 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 6.6064
Stddev	1.6807
%RSD	25.440

#1	7.5662
#2	4.6658
#3	7.5872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.4	54592.	2639.2	43.698	3786.7
Stddev	3.8	77.	32.1	.631	4.7
%RSD	.11493	.14019	1.2149	1.4438	.12301

#1	3307.9	54680.	2606.3	43.978	3786.4
#2	3310.9	54540.	2640.9	42.975	3782.2
#3	3315.5	54556.	2670.4	44.140	3791.5

Sample Name: CCB02 Acquired: 3/22/2019 14:59:11 Type: Unk
Method: P4-ICP2(v2973) 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	-.00328	-.00041	.00111	-.00172	.00170	.03992	.00254
Stddev	.00167	.00044	.00109	.00301	.00155	.02634	.00105
%RSD	50.946	108.79	98.869	175.14	91.295	65.980	41.187

#1	-.00138	-.00019	.00225	-.00320	.00229	.06694	.00133
#2	-.00452	-.00091	.00099	.00175	-.00006	.03851	.00316
#3	-.00395	-.00012	.00008	-.00370	.00288	.01432	.00313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00012	-.01771	-.00106	.00068	-.00045	-.00074
Stddev	.00003	.00010	.01989	.00019	.00036	.00050	.00031
%RSD	67.658	81.345	112.31	18.343	52.751	110.88	42.216

#1	.00008	-.00019	-.01309	-.00086	.00079	-.00079	-.00110
#2	.00002	-.00017	-.00053	-.00125	.00098	.00012	-.00056
#3	.00005	-.00001	-.03949	-.00106	.00028	-.00069	-.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00497	.00003	-.00082	.07366	.00002	-.00031
Stddev	.00003	.06045	.00035	.00028	.01133	.00024	.00017
%RSD	1569.0	1216.1	1137.0	34.163	15.385	1123.9	55.395

#1	-.00001	.06447	.00030	-.00096	.08673	.00030	-.00020
#2	.00003	-.04580	-.00036	-.00101	.06648	-.00012	-.00050
#3	-.00002	-.03358	.00015	-.00050	.06777	-.00012	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12394	.00050	.00592	F -.04472	.00232	-.00319	-.00302
Stddev	.02017	.00023	.00882	.00204	.00157	.00052	.00265
%RSD	16.275	45.324	148.86	4.5635	67.556	16.230	87.788

#1	.13680	.00070	-.00095	-.04309	.00051	-.00259	-.00178
#2	.13433	.00056	.01586	-.04701	.00315	-.00355	-.00122
#3	.10069	.00025	.00285	-.04406	.00330	-.00342	-.00606

Sample Name: CCB02 Acquired: 3/22/2019 14:59:11 Type: Unk
Method: P4-ICP2(v2973) 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	.00479	.0010	.00010	1.8168	2.4229
Stddev	.00134	.0006	.00009	.1662	1.3545
%RSD	27.946	64.84	85.430	9.1482	55.906
#1	.00580	.0003	.00017	1.8403	2.8075
#2	.00327	.0012	.00000	1.9700	.91762
#3	.00531	.0014	.00014	1.6401	3.5435
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.7	56401.	2621.8	45.489	4246.9
Stddev	8.5	64.	26.0	1.863	1.7
%RSD	.24854	.11266	.99143	4.0959	.04065
#1	3411.8	56339.	2644.1	47.602	4246.7
#2	3428.2	56398.	2628.0	44.082	4245.3
#3	3416.1	56466.	2593.2	44.784	4248.7

Sample Name: K1971-01 Acquired: 3/22/2019 15:03:39 Type: Unk
Method: P4-ICP2(v2973) 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	.14412	.00851	4.8893	.10385	-.02353	99.379	1.4378	.01055
Stddev	.00561	.00059	.0262	.00490	.00323	.514	.0042	.00039
%RSD	3.8919	6.8883	.53541	4.7183	13.717	.51770	.29299	3.6578
#1	.14608	.00807	4.8986	.10258	-.02329	99.950	1.4406	.01068
#2	.14848	.00918	4.8597	.10927	-.02687	98.951	1.4329	.01085
#3	.13779	.00828	4.9095	.09972	-.02043	99.237	1.4397	.01011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	1280.1	.19828	.12806	.67780	226.10	4.2456	63.894
Stddev	.00020	4.2	.00138	.00102	.00069	1.26	.0056	.023
%RSD	15.443	.32511	.69644	.79344	.10219	.55566	.13163	.03544
#1	.00105	1277.2	.19977	.12689	.67751	225.76	4.2514	63.892
#2	.00139	1284.9	.19703	.12869	.67859	227.50	4.2402	63.873
#3	.00140	1278.2	.19806	.12861	.67730	225.05	4.2453	63.918
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32716	.00970	5.1479	.29524	1.8606	26.798	.00239	.17672
Stddev	.00239	.00059	.0089	.00042	.0073	.066	.00042	.01454
%RSD	.73093	6.0335	.17384	.14363	.39021	.24591	17.662	8.2284
#1	.32709	.01022	5.1582	.29562	1.8584	26.869	.00253	.17068
#2	.32481	.00982	5.1419	.29531	1.8548	26.739	.00273	.19330
#3	.32959	.00907	5.1436	.29478	1.8687	26.788	.00192	.16616
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.784	F 10.327	.16909	.89073	.30191	F 18.63	4.2008	3.3812
Stddev	.124	.049	.00084	.00566	.00091	.07	.0068	.0679
%RSD	.26503	.47327	.49936	.63513	.30083	.3923	.16125	2.0084
#1	46.688	10.313	.17001	.89671	.30269	18.59	4.2004	3.3520
#2	46.739	10.382	.16835	.88546	.30091	18.57	4.2078	3.3327
#3	46.924	10.288	.16891	.89003	.30213	18.71	4.1942	3.4588

Sample Name: K1971-01 Acquired: 3/22/2019 15:03:39 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 429.15
Stddev 3.19
%RSD .74234

#1 425.48
#2 430.88
#3 431.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.8	53780.	2808.4	38.117	3124.5
Stddev	4.5	160.	17.7	1.461	10.7
%RSD	.13817	.29684	.62947	3.8333	.34112

#1	3248.5	53659.	2814.0	37.228	3125.3
#2	3252.3	53720.	2788.7	39.803	3134.7
#3	3257.5	53961.	2822.7	37.320	3113.4

Sample Name: K1971-02 Acquired: 3/22/2019 15:07:57 Type: Unk
Method: P4-ICP2(v2973) 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	.12222	.00492	5.4296	.08799	-.01658	85.018	1.6610	.00770
Stddev	.00166	.00151	.0091	.00077	.00022	.245	.0073	.00019
%RSD	1.3566	30.751	.16801	.87198	1.3443	.28764	.44249	2.4602
#1	.12413	.00627	5.4193	.08870	-.01671	84.737	1.6547	.00755
#2	.12114	.00328	5.4328	.08718	-.01672	85.182	1.6691	.00765
#3	.12139	.00522	5.4366	.08809	-.01633	85.135	1.6592	.00792
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	629.92	.18572	.10684	.62805	189.04	3.9031	43.065
Stddev	.00022	2.82	.00092	.00059	.00313	.86	.0067	.177
%RSD	13.502	.44715	.49289	.55335	.49772	.45425	.17065	.41181
#1	-.00172	632.79	.18673	.10646	.62950	189.40	3.9068	42.895
#2	-.00172	629.81	.18547	.10752	.63019	189.67	3.8954	43.050
#3	-.00135	627.16	.18495	.10653	.62446	188.06	3.9071	43.249
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23482	.01102	5.5855	.27898	1.9002	22.074	.00336	.15048
Stddev	.00097	.00023	.0352	.00057	.0020	.065	.00026	.01294
%RSD	.41472	2.1075	.62993	.20513	.10657	.29399	7.6492	8.5959
#1	.23408	.01129	5.5531	.27964	1.8978	22.008	.00337	.14558
#2	.23593	.01086	5.6229	.27870	1.9013	22.077	.00310	.16515
#3	.23446	.01092	5.5804	.27860	1.9014	22.138	.00361	.14071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.294	5.0248	.19276	1.1376	.23214	F 38.94	1.9613	3.0456
Stddev	.098	.0833	.00153	.0041	.00217	.06	.0136	.2968
%RSD	.37155	1.6582	.79365	.36434	.93402	.1610	.69089	9.7462
#1	26.305	5.1154	.19120	1.1399	.23461	38.89	1.9746	2.8599
#2	26.386	5.0076	.19426	1.1328	.23058	39.01	1.9617	2.8889
#3	26.191	4.9515	.19280	1.1401	.23121	38.92	1.9476	3.3879

Sample Name: K1971-02 Acquired: 3/22/2019 15:07:57 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 308.18
 Stddev .87
 %RSD .28093

#1 307.90
 #2 309.15
 #3 307.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.6	54646.	2742.5	40.096	3359.4
Stddev	5.8	123.	24.4	.635	3.0
%RSD	.17580	.22459	.88955	1.5827	.09016

#1	3305.9	54661.	2714.5	39.922	3362.8
#2	3315.4	54761.	2759.1	39.567	3357.0
#3	3316.5	54517.	2753.9	40.800	3358.5

Sample Name: K1971-03 Acquired: 3/22/2019 15:12:15 Type: Unk
Method: P4-ICP2(v2973) 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	.05013	-.00237	1.1233	.09616	-.00804	28.159	2.6428	.00149
Stddev	.00320	.00075	.0025	.00494	.00162	.126	.0144	.00032
%RSD	6.3899	31.573	.21913	5.1376	20.191	.44731	.54421	21.455
#1	.05199	-.00312	1.1212	.10140	-.00738	28.036	2.6313	.00112
#2	.05197	-.00238	1.1260	.09158	-.00686	28.288	2.6381	.00169
#3	.04643	-.00162	1.1227	.09551	-.00990	28.152	2.6589	.00166
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01327	F 2101.7	.09196	.07042	.42187	154.20	1.2294	29.606
Stddev	.00033	7.1	.00062	.00036	.00108	.34	.0018	.096
%RSD	2.5067	.33911	.67401	.51246	.25542	.21837	.14262	.32459
#1	.01364	2105.1	.09221	.07015	.42292	154.22	1.2301	29.567
#2	.01317	2106.4	.09125	.07028	.42192	153.86	1.2274	29.535
#3	.01300	2093.5	.09241	.07083	.42077	154.53	1.2307	29.715
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15952	-.00232	47.776	.15092	1.5963	10.697	.03682	.16858
Stddev	.00043	.00112	.211	.00204	.0017	.087	.00016	.01120
%RSD	.27135	48.352	.44231	1.3537	.10901	.81367	.42387	6.6430
#1	.15924	-.00331	47.604	.15325	1.5983	10.654	.03667	.18134
#2	.15931	-.00110	47.712	.14947	1.5954	10.640	.03681	.16036
#3	.16002	-.00254	48.012	.15003	1.5953	10.798	.03698	.16405
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.653	1.6291	.08365	1.3457	.20503	F 376.2	2.2565	5.8527
Stddev	.102	.0220	.00046	.0064	.00172	.3	.0035	.3682
%RSD	.19799	1.3485	.55177	.47695	.83978	.0846	.15442	6.2912
#1	51.770	1.6502	.08355	1.3456	.20664	376.5	2.2605	5.5516
#2	51.609	1.6308	.08416	1.3394	.20321	376.1	2.2546	6.2632
#3	51.581	1.6063	.08325	1.3522	.20524	375.9	2.2543	5.7432

Sample Name: K1971-03 Acquired: 3/22/2019 15:12:15 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 194.79
Stddev 4.32
%RSD 2.2166

#1 194.68
#2 199.16
#3 190.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.1	48297.	2568.2	38.252	3067.9
Stddev	10.0	52.	9.6	.522	3.4
%RSD	.34286	.10713	.37378	1.3647	.11241

#1	2909.3	48341.	2559.5	38.484	3064.6
#2	2913.6	48310.	2566.6	37.655	3067.8
#3	2928.3	48240.	2578.5	38.618	3071.5

Sample Name: K1971-04 Acquired: 3/22/2019 15:16:37 Type: Unk
Method: P4-ICP2(v2973) 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	.05793	.00240	5.1427	.09799	-.01783	123.81	5.7979	.00801
Stddev	.00106	.00102	.0166	.00309	.00156	.86	.0428	.00017
%RSD	1.8264	42.599	.32314	3.1508	8.7585	.69391	.73817	2.1320

#1	.05747	.00355	5.1557	.10108	-.01821	124.79	5.8441	.00795
#2	.05915	.00158	5.1486	.09490	-.01916	123.22	5.7900	.00821
#3	.05719	.00208	5.1240	.09799	-.01611	123.41	5.7596	.00788

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	537.71	.18326	.12336	.63648	201.23	8.5281	34.657
Stddev	.00009	2.65	.00198	.00015	.00101	.23	.0489	.144
%RSD	10.254	.49246	1.0805	.11932	.15823	.11429	.57295	.41598

#1	-.00087	540.47	.18285	.12349	.63681	201.49	8.4892	34.761
#2	-.00098	535.18	.18151	.12320	.63728	201.06	8.5122	34.492
#3	-.00080	537.49	.18541	.12340	.63535	201.13	8.5830	34.717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28736	.03674	10.361	.24628	1.8805	14.444	.00023	.20302
Stddev	.00158	.00049	.108	.00091	.0014	.110	.00050	.00725
%RSD	.54875	1.3408	1.0468	.36943	.07384	.76051	218.01	3.5725

#1	.28562	.03637	10.481	.24726	1.8810	14.571	.00053	.21061
#2	.28778	.03730	10.332	.24610	1.8789	14.374	.00050	.19616
#3	.28869	.03655	10.270	.24547	1.8815	14.388	-.00035	.20230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.073	3.6939	.26783	1.0918	.30564	F 24.19	3.1247	<.00000
Stddev	.024	.0120	.00179	.0067	.00298	.02	.0263	.28829
%RSD	.16041	.32466	.66743	.60997	.97577	.0851	.84200	72.177

#1	15.099	3.6964	.26825	1.0974	.30871	24.20	3.1528	-.12083
#2	15.069	3.6808	.26936	1.0844	.30276	24.20	3.1006	-.38092
#3	15.051	3.7044	.26586	1.0936	.30546	24.17	3.1208	-.69653

Sample Name: K1971-04 Acquired: 3/22/2019 15:16:37 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 399.53
 Stddev 1.22
 %RSD .30475

#1 399.95
 #2 400.48
 #3 398.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.6	58970.	2953.2	38.242	3365.2
Stddev	2.7	175.	18.4	1.500	6.0
%RSD	.07659	.29694	.62374	3.9230	.17948

#1	3589.2	58790.	2945.6	38.175	3358.3
#2	3585.6	59140.	2974.3	36.776	3368.7
#3	3591.0	58979.	2939.9	39.774	3368.7

Sample Name: K1971-05 Acquired: 3/22/2019 15:21:10 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0050	-.06346	1.6734	-.30802	-.07486	49.617	3.6614
Stddev	.0027	.00382	.0035	.01077	.00131	.256	.0256
%RSD	.27115	6.0121	.20664	3.4957	1.7474	.51532	.69920

#1	1.0026	-.06187	1.6708	-.32029	-.07504	49.326	3.6321
#2	1.0079	-.06782	1.6773	-.30360	-.07607	49.717	3.6730
#3	1.0045	-.06070	1.6720	-.30016	-.07347	49.807	3.6792

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09246	.18975	114.76	.15389	.77261	16.670	888.38
Stddev	.00063	.00083	.43	.00146	.00327	.033	7.38
%RSD	.68067	.43746	.37215	.94765	.42359	.19685	.83071

#1	.09215	.19018	114.84	.15395	.76970	16.633	881.32
#2	.09205	.19027	114.30	.15240	.77616	16.696	896.04
#3	.09319	.18879	115.14	.15531	.77198	16.681	887.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3125	40.712	.59694	-.02259	7.6193	.48209	21.497
Stddev	.0127	.105	.00344	.00094	.0483	.00320	.031
%RSD	.29405	.25729	.57582	4.1398	.63348	.66403	.14477

#1	4.2982	40.592	.59318	-.02220	7.5649	.48247	21.507
#2	4.3223	40.780	.59992	-.02366	7.6570	.48508	21.522
#3	4.3171	40.765	.59772	-.02191	7.6360	.47871	21.462

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4438	.05103	F -1.1488	F 17.054	2.7332	.48159	3.7545
Stddev	.0619	.00071	.0127	.063	.0149	.00223	.0026
%RSD	.65543	1.3986	1.1095	.36915	.54568	.46333	.06992

#1	9.4619	.05108	-1.1548	17.029	2.7482	.47920	3.7516
#2	9.3749	.05030	-1.1575	17.125	2.7332	.48362	3.7568
#3	9.4946	.05172	-1.1342	17.007	2.7183	.48196	3.7550

Sample Name: K1971-05 Acquired: 3/22/2019 15:21:10 Type: Unk
Method: P4-ICP2(v2973) 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	.12079	F 53.45	-.64765	<.00000	^ *****
Stddev	.00119	.07	.00841	.18209	-----
%RSD	.98199	.1233	1.2979	3.2603	-----
#1	.11968	53.46	-.64044	-5.7952	^ -----
#2	.12066	53.51	-.65688	-5.4758	^ -----
#3	.12204	53.38	-.64561	-5.4841	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.3	52643.	2579.7	29.218	2952.5
Stddev	4.5	161.	9.7	1.649	9.9
%RSD	.14387	.30555	.37480	5.6444	.33471
#1	3116.7	52806.	2568.7	29.380	2942.4
#2	3118.9	52484.	2586.8	30.780	2953.0
#3	3125.4	52639.	2583.6	27.494	2962.1

Sample Name: K1971-06 Acquired: 3/22/2019 15:25:21 Type: Unk
Method: P4-ICP2(v2973) 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	.32108	-.00347	15.528	.09002	-.02341	92.051	6.1934	.00573
Stddev	.00386	.00165	.028	.00264	.00261	.410	.0258	.00055
%RSD	1.2036	47.481	.18270	2.9342	11.163	.44592	.41591	9.6726
#1	.32186	-.00519	15.557	.08699	-.02579	91.808	6.1906	.00560
#2	.31688	-.00333	15.500	.09119	-.02381	92.525	6.2204	.00634
#3	.32449	-.00190	15.526	.09187	-.02062	91.820	6.1691	.00525
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	185.11	.31024	.11679	1.7948	198.62	3.1446	28.164
Stddev	.00010	1.67	.00133	.00018	.0037	1.11	.0040	.181
%RSD	6.8900	.90261	.42936	.15635	.20409	.56002	.12761	.64114
#1	-.00146	183.57	.30978	.11698	1.7951	199.35	3.1492	28.095
#2	-.00163	184.87	.31174	.11677	1.7983	199.17	3.1415	28.029
#3	-.00145	186.88	.30920	.11661	1.7910	197.34	3.1432	28.369
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38876	.01699	7.1989	.34993	5.3603	12.796	.00412	.15737
Stddev	.00080	.00045	.0163	.00156	.0026	.055	.00017	.00516
%RSD	.20603	2.6758	.22594	.44616	.04856	.43106	4.0691	3.2776
#1	.38960	.01693	7.1965	.34914	5.3624	12.811	.00430	.15984
#2	.38866	.01747	7.1840	.35173	5.3574	12.842	.00408	.16083
#3	.38801	.01656	7.2162	.34892	5.3611	12.735	.00397	.15144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6249	2.3243	.96576	2.0853	.29636	F 11.30	.51615	.33908
Stddev	.0078	.0297	.00169	.0096	.00180	.01	.00732	.29279
%RSD	.16880	1.2788	.17456	.46001	.60870	.0720	1.4176	86.349
#1	4.6241	2.2946	.96681	2.0794	.29472	11.31	.50917	.32397
#2	4.6175	2.3242	.96665	2.0801	.29606	11.29	.51553	.05413
#3	4.6330	2.3540	.96381	2.0964	.29829	11.31	.52376	.63913

Sample Name: K1971-06 Acquired: 3/22/2019 15:25:21 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 362.23
Stddev	5.72
%RSD	1.5791

#1	358.69
#2	368.83
#3	359.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.5	58224.	2662.7	35.523	3649.9
Stddev	8.9	68.	27.6	1.736	6.9
%RSD	.25180	.11751	1.0383	4.8872	.18945

#1	3535.6	58167.	2678.9	37.265	3642.6
#2	3552.8	58300.	2678.3	35.510	3656.3
#3	3548.3	58205.	2630.7	33.793	3650.8

Sample Name: K1971-07 Acquired: 3/22/2019 15:29:43 Type: Unk
Method: P4-ICP2(v2973) 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	2.1073	.00453	4.8149	.16311	-.00639	213.88	1.7050	.04147
Stddev	.0144	.00241	.0442	.00273	.00347	2.08	.0144	.00031
%RSD	.68336	53.156	.91699	1.6709	54.378	.97364	.84620	.73913
#1	2.0980	.00381	4.7812	.16015	-.00757	215.46	1.7152	.04180
#2	2.0999	.00256	4.7987	.16367	-.00911	214.65	1.7113	.04119
#3	2.1239	.00721	4.8649	.16551	-.00248	211.52	1.6885	.04143
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02079	114.56	.65485	.23720	12.291	103.37	.39486	4.6534
Stddev	.00040	1.20	.00603	.00263	.083	.97	.00259	.0350
%RSD	1.9244	1.0512	.92024	1.1072	.67651	.93716	.65472	.75200
#1	.02038	115.36	.66181	.23496	12.231	104.46	.39783	4.6350
#2	.02081	115.15	.65122	.23655	12.256	103.01	.39361	4.6314
#3	.02118	113.17	.65153	.24009	12.386	102.62	.39313	4.6937
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49173	.00606	3.8007	.57894	1.7774	6.1516	.03950	.08257
Stddev	.00464	.00028	.0242	.00584	.0205	.0697	.00091	.00303
%RSD	.94378	4.6976	.63655	1.0082	1.1539	1.1333	2.3003	3.6685
#1	.48832	.00626	3.8284	.58529	1.7590	6.2051	.03859	.08378
#2	.48986	.00573	3.7840	.57770	1.7738	6.1768	.03952	.07912
#3	.49702	.00618	3.7896	.57381	1.7995	6.0727	.04040	.08480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.856	2.6216	1.7082	1.1355	.07685	F 184.5	.80930	<.00000
Stddev	.231	.0341	.0197	.0053	.00289	1.4	.01051	.18977
%RSD	.70298	1.2998	1.1502	.46871	3.7596	.7821	1.2981	8.5095
#1	32.631	2.6537	1.6933	1.1362	.07521	183.6	.81672	-2.0245
#2	32.845	2.6253	1.7007	1.1404	.08018	183.8	.81390	-2.3986
#3	33.093	2.5859	1.7304	1.1298	.07515	186.2	.79728	-2.2673

Sample Name: K1971-07 Acquired: 3/22/2019 15:29:43 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 172.77
Stddev	.85
%RSD	.49172

#1	173.71
#2	172.53
#3	172.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3789.2	61993.	2801.1	35.816	3746.0
Stddev	18.8	382.	25.0	1.660	27.1
%RSD	.49661	.61621	.89279	4.6338	.72318

#1	3804.5	61561.	2774.1	34.866	3768.5
#2	3795.0	62132.	2805.8	34.850	3753.5
#3	3768.2	62286.	2823.4	37.733	3715.9

Sample Name: K1971-08 Acquired: 3/22/2019 15:34:04 Type: Unk
Method: P4-ICP2(v2973) 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	.10316	-.00166	.80087	.07886	-.01900	101.08	.19867	.00243
Stddev	.00055	.00098	.00027	.00064	.00224	.18	.00097	.00022
%RSD	.53626	58.901	.03353	.80903	11.793	.17789	.48898	8.9414
#1	.10352	-.00268	.80114	.07952	-.01742	100.87	.19944	.00235
#2	.10343	-.00073	.80087	.07880	-.01802	101.17	.19758	.00268
#3	.10252	-.00157	.80060	.07825	-.02156	101.19	.19900	.00227
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	133.21	.14346	.28735	.26858	172.08	.68620	15.775
Stddev	.00050	1.32	.00100	.00130	.00085	.91	.00053	.092
%RSD	32.413	.98743	.69691	.45406	.31640	.52856	.07677	.58054
#1	-.00211	134.23	.14242	.28658	.26924	172.15	.68628	15.679
#2	-.00128	133.68	.14441	.28662	.26762	171.13	.68564	15.784
#3	-.00122	131.73	.14356	.28886	.26889	172.95	.68669	15.861
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76651	.01065	3.3027	.28980	.75307	12.852	.08516	.24322
Stddev	.00367	.00024	.0307	.00059	.00263	.021	.00007	.01016
%RSD	.47921	2.2275	.92919	.20447	.34950	.16052	.07726	4.1783
#1	.76476	.01048	3.2711	.28914	.75150	12.859	.08511	.25169
#2	.76405	.01056	3.3047	.28996	.75160	12.829	.08524	.23195
#3	.77074	.01092	3.3324	.29029	.75611	12.869	.08514	.24601
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 255.72	7.0351	-.08818	1.4462	.38622	9.273	.24397	.28090
Stddev	.77	.0536	.00090	.0046	.00166	.022	.00528	.17149
%RSD	.30209	.76154	1.0188	.31629	.42994	.2369	2.1638	61.050
#1	255.55	7.0587	-.08715	1.4506	.38591	9.253	.24863	.43548
#2	255.05	7.0729	-.08864	1.4415	.38474	9.270	.24504	.31080
#3	256.56	6.9738	-.08876	1.4464	.38802	9.296	.23824	.09643

Sample Name: K1971-08 Acquired: 3/22/2019 15:34:04 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 302.06
Stddev	5.75
%RSD	1.9051

#1	300.36
#2	297.35
#3	308.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.8	57363.	2574.5	34.852	3690.8
Stddev	18.7	227.	36.6	1.547	15.5
%RSD	.53693	.39601	1.4213	4.4377	.41875

#1	3460.6	57107.	2540.6	33.273	3685.5
#2	3497.2	57441.	2569.4	34.917	3708.2
#3	3472.7	57540.	2613.3	36.365	3678.7

Sample Name: K1971-09 Acquired: 3/22/2019 15:38:29 Type: Unk
Method: P4-ICP2(v2973) 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	.08106	-.00370	2.1857	.08123	-.01321	54.872	1.5304	.00897
Stddev	.00352	.00076	.0111	.00194	.00232	.216	.0022	.00013
%RSD	4.3424	20.651	.50783	2.3880	17.574	.39353	.14596	1.4142
#1	.08330	-.00458	2.1785	.07919	-.01084	55.066	1.5326	.00910
#2	.07700	-.00327	2.1985	.08305	-.01331	54.910	1.5306	.00884
#3	.08288	-.00325	2.1800	.08146	-.01548	54.639	1.5281	.00897
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	1169.4	.16357	.25615	.74233	143.97	3.5206	35.757
Stddev	.00019	2.7	.00091	.00120	.00350	1.22	.0025	.102
%RSD	14.042	.22687	.55642	.46762	.47127	.84574	.07143	.28644
#1	.00150	1169.4	.16447	.25509	.74060	143.17	3.5229	35.638
#2	.00139	1166.8	.16359	.25745	.74003	145.37	3.5179	35.818
#3	.00113	1172.1	.16265	.25591	.74635	143.37	3.5210	35.813
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39295	.00258	29.161	.21136	2.0435	13.091	.01290	.13214
Stddev	.00095	.00063	.062	.00149	.0130	.015	.00040	.00930
%RSD	.24095	24.470	.21408	.70588	.63629	.11340	3.1346	7.0347
#1	.39201	.00187	29.222	.21190	2.0385	13.079	.01324	.14223
#2	.39295	.00282	29.162	.21251	2.0583	13.088	.01302	.13026
#3	.39390	.00306	29.098	.20968	2.0338	13.108	.01245	.12393
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 102.20	1.5585	.08124	1.6223	.20905	F 294.4	1.3615	4.0258
Stddev	.60	.0065	.00082	.0031	.00188	1.6	.0025	.0789
%RSD	.59124	.41457	1.0058	.18988	.89863	.5552	.18302	1.9606
#1	101.90	1.5660	.08031	1.6196	.20755	293.4	1.3634	3.9830
#2	102.89	1.5550	.08187	1.6217	.20843	296.2	1.3587	3.9774
#3	101.80	1.5546	.08153	1.6256	.21115	293.5	1.3623	4.1168

Sample Name: K1971-09 Acquired: 3/22/2019 15:38:29 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 206.01
 Stddev 1.05
 %RSD .51152

#1 207.16
 #2 205.77
 #3 205.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.5	52378.	2503.1	31.965	3248.2
Stddev	9.3	86.	2.1	.025	17.6
%RSD	.28986	.16459	.08486	.07764	.54062

#1	3224.5	52329.	2500.8	31.992	3259.4
#2	3216.0	52327.	2504.9	31.944	3228.0
#3	3205.9	52477.	2503.6	31.958	3257.3

Sample Name: K1971-10 Acquired: 3/22/2019 15:42:45 Type: Unk
Method: P4-ICP2(v2973) 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	.07816	-.01255	4.5212	.08954	-.01916	86.206	1.5975	.00461
Stddev	.00229	.00093	.0105	.00447	.00134	.295	.0092	.00029
%RSD	2.9275	7.4121	.23291	4.9911	7.0149	.34197	.57527	6.3875
#1	.07572	-.01335	4.5094	.09141	-.01770	85.867	1.5889	.00487
#2	.07850	-.01278	4.5246	.08443	-.01945	86.403	1.6072	.00468
#3	.08025	-.01153	4.5296	.09276	-.02034	86.347	1.5964	.00429
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	409.08	.23556	.10874	.52512	194.16	3.5163	38.392
Stddev	.00008	1.87	.00060	.00033	.00298	.23	.0061	.342
%RSD	3.8604	.45802	.25469	.30394	.56763	.12046	.17350	.88988
#1	-.00212	407.08	.23559	.10838	.52842	194.13	3.5104	38.054
#2	-.00227	409.37	.23615	.10880	.52435	193.95	3.5226	38.737
#3	-.00212	410.79	.23495	.10903	.52261	194.41	3.5159	38.385
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46502	.01287	4.8178	.30553	2.0943	21.818	.00765	.16081
Stddev	.00107	.00066	.0216	.00184	.0009	.123	.00047	.01345
%RSD	.22955	5.1468	.44930	.60203	.04273	.56267	6.1835	8.3651
#1	.46386	.01256	4.7929	.30671	2.0935	21.677	.00819	.16560
#2	.46596	.01363	4.8320	.30647	2.0952	21.875	.00732	.14562
#3	.46523	.01242	4.8286	.30341	2.0940	21.902	.00745	.17121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.702	2.8946	.12786	3.6322	.32779	9.332	1.1122	2.6770
Stddev	.040	.0174	.00119	.0175	.00444	.010	.0073	.2327
%RSD	.34152	.60091	.93161	.48054	1.3544	.1066	.65161	8.6905
#1	11.743	2.9146	.12923	3.6140	.32339	9.326	1.1039	2.8344
#2	11.664	2.8833	.12731	3.6339	.32773	9.344	1.1156	2.4098
#3	11.698	2.8859	.12705	3.6488	.33226	9.327	1.1171	2.7869

Sample Name: K1971-10 Acquired: 3/22/2019 15:42:45 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 341.23
 Stddev 1.01
 %RSD .29555

#1 340.60
 #2 342.39
 #3 340.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.4	54234.	2434.1	31.542	3389.4
Stddev	15.4	127.	4.5	1.049	4.3
%RSD	.46299	.23472	.18351	3.3264	.12663

#1	3308.8	54306.	2433.4	31.864	3386.4
#2	3324.7	54087.	2438.9	30.370	3387.6
#3	3339.6	54308.	2430.0	32.394	3394.3

Sample Name: CCV03 Acquired: 3/22/2019 16:09:03 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9730	5.3322	5.1886	5.0372	5.0267	10.315	9.1425	.26754
Stddev	.0116	.0052	.0044	.0063	.0041	.079	.1009	.00039
%RSD	.23358	.09703	.08565	.12536	.08134	.76817	1.1038	.14701
#1	4.9862	5.3378	5.1894	5.0430	5.0220	10.311	9.1124	.26794
#2	4.9645	5.3310	5.1926	5.0305	5.0290	10.396	9.2551	.26753
#3	4.9683	5.3277	5.1838	5.0380	5.0291	10.237	9.0601	.26715
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5567	26.476	1.0859	2.5827	1.2799	5.2359	2.5407	25.166
Stddev	.0037	.141	.0079	.0050	.0036	.0134	.0070	.187
%RSD	.14269	.53267	.72565	.19148	.27855	.25674	.27638	.74404
#1	2.5556	26.381	1.0892	2.5804	1.2838	5.2383	2.5430	25.007
#2	2.5608	26.409	1.0916	2.5884	1.2768	5.2479	2.5462	25.372
#3	2.5538	26.638	1.0769	2.5793	1.2792	5.2214	2.5328	25.119
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5806	1.2861	24.513	2.6768	2.4956	24.180	5.0124	F 3.0632
Stddev	.0045	.0023	.271	.0062	.0050	.172	.0032	.0207
%RSD	.17459	.17633	1.1069	.23229	.20121	.71309	.06361	.67681
#1	2.5823	1.2886	24.432	2.6789	2.4904	24.054	5.0136	3.0657
#2	2.5840	1.2858	24.816	2.6817	2.5004	24.377	5.0087	3.0825
#3	2.5755	1.2841	24.292	2.6698	2.4960	24.109	5.0148	3.0413
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0338	F 6.8019	5.1345	4.8939	F 6.3427	5.199	5.4748	F 3.5829
Stddev	.0203	.0481	.0099	.0127	.0126	.010	.0234	.1947
%RSD	.40395	.70664	.19196	.25872	.19812	.1891	.42703	5.4333
#1	5.0122	6.7884	5.1245	4.8798	6.3282	5.190	5.4482	3.7336
#2	5.0526	6.7620	5.1441	4.8976	6.3511	5.209	5.4922	3.6520
#3	5.0367	6.8552	5.1350	4.9043	6.3487	5.197	5.4839	3.3631

Sample Name: CCV03 Acquired: 3/22/2019 16:09:03 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.2568
Stddev	1.3081
%RSD	24.884

#1	5.0111
#2	4.0889
#3	6.6702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.2	52446.	2235.8	31.804	3686.3
Stddev	8.3	285.	8.6	1.962	8.4
%RSD	.25137	.54381	.38288	6.1681	.22765

#1	3278.8	52440.	2236.5	30.327	3680.1
#2	3291.5	52164.	2244.0	34.030	3682.9
#3	3294.3	52734.	2226.9	31.055	3695.9

Sample Name: CCB03 Acquired: 3/22/2019 16:13:02 Type: Unk
Method: P4-ICP2(v2973) 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	-.00374	-.00076	.00100	.00195	.00088	.04190	.00343
Stddev	.00157	.00069	.00128	.00277	.00039	.01195	.00111
%RSD	41.831	90.872	127.88	141.67	43.966	28.518	32.313

#1	-.00380	-.00016	.00122	.00466	.00088	.03350	.00443
#2	-.00215	-.00060	.00214	-.00088	.00126	.05557	.00363
#3	-.00528	-.00152	-.00038	.00208	.00049	.03661	.00224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00025	-.02627	-.00076	.00042	-.00083	-.00065
Stddev	.00008	.00006	.00187	.00008	.00012	.00020	.00046
%RSD	75.900	22.896	7.1193	9.9084	29.533	24.574	71.416

#1	-.00005	-.00021	-.02832	-.00085	.00034	-.00105	-.00029
#2	-.00007	-.00032	-.02465	-.00070	.00057	-.00065	-.00049
#3	-.00019	-.00024	-.02586	-.00074	.00036	-.00078	-.00117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.06048	-.00016	-.00076	.04684	.00053	-.00035
Stddev	.00001	.06050	.00028	.00056	.00283	.00017	.00004
%RSD	8.9338	100.02	177.69	74.107	6.0442	31.473	10.324

#1	.00007	-.06362	-.00042	-.00020	.04359	.00034	-.00031
#2	.00009	.00152	.00013	-.00133	.04876	.00066	-.00038
#3	.00007	-.11935	-.00018	-.00075	.04818	.00060	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18469	.00042	.00742	F -.03404	.01366	-.00296	-.00375
Stddev	.00872	.00025	.00518	.00156	.00141	.00039	.00139
%RSD	4.7204	59.345	69.746	4.5687	10.347	13.016	36.993

#1	.18442	.00050	.00779	-.03411	.01523	-.00269	-.00450
#2	.19354	.00063	.00207	-.03555	.01322	-.00341	-.00460
#3	.17611	.00014	.01240	-.03245	.01251	-.00280	-.00215

Sample Name: CCB03 Acquired: 3/22/2019 16:13:02 Type: Unk
Method: P4-ICP2(v2973) 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	F .01043	-.0011	.00023	1.1842	2.3117
Stddev	.00225	.0012	.00013	.1020	1.2607
%RSD	21.598	104.5	53.817	8.6102	54.538
#1	.01297	-.0001	.00009	1.0813	3.7451
#2	.00966	-.0024	.00032	1.1860	1.3751
#3	.00867	-.0008	.00029	1.2852	1.8148
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.9	55177.	2251.0	35.058	4184.9
Stddev	5.0	173.	22.8	.629	6.9
%RSD	.14701	.31322	1.0114	1.7950	.16584
#1	3418.1	55119.	2276.4	34.561	4178.9
#2	3426.8	55041.	2232.3	35.766	4192.5
#3	3426.9	55372.	2244.2	34.848	4183.3

Sample Name: PB118166BL Acquired: 3/22/2019 16:28:23 Type: Unk
Method: P4-ICP2(v2973) 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	-.00467	-.00121	-.00216	-.00244	-.00158	F .04527	.00347
Stddev	.00086	.00098	.00078	.00305	.00304	.00441	.00067
%RSD	18.411	80.464	35.816	124.73	192.62	9.7489	19.271

#1	-.00405	-.00126	-.00133	-.00445	.00001	.04021	.00372
#2	-.00430	-.00021	-.00287	-.00393	.00034	.04725	.00271
#3	-.00565	-.00217	-.00229	.00106	-.00509	.04835	.00397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00028	-.03381	-.00068	.00052	-.00094	-.00032
Stddev	.00010	.00001	.01559	.00018	.00002	.00025	.00015
%RSD	35.957	5.2829	46.117	27.267	3.7785	26.675	46.324

#1	-.00034	-.00029	-.04608	-.00073	.00052	-.00081	-.00040
#2	-.00016	-.00026	-.01627	-.00082	.00049	-.00079	-.00015
#3	-.00032	-.00029	-.03908	-.00047	.00053	-.00123	-.00041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00204	-.00003	-.00072	.03014	.00097	.00098
Stddev	.00008	.07754	.00031	.00032	.00331	.00034	.00009
%RSD	246.70	3803.6	1199.1	44.948	10.989	34.989	9.4051

#1	.00011	.04763	.00033	-.00042	.02870	.00102	.00107
#2	.00003	-.08749	-.00026	-.00068	.03393	.00129	.00089
#3	-.00004	.04598	-.00014	-.00106	.02779	.00061	.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15154	.00019	.00391	F -.02578	.00683	-.00390	-.00404
Stddev	.06889	.00024	.00165	.00287	.00242	.00042	.00084
%RSD	45.457	122.60	42.312	11.131	35.352	10.829	20.807

#1	.23046	-.00007	.00436	-.02422	.00957	-.00347	-.00489
#2	.12071	.00040	.00207	-.02909	.00593	-.00431	-.00402
#3	.10346	.00025	.00529	-.02403	.00499	-.00392	-.00321

Sample Name: PB118166BL Acquired: 3/22/2019 16:28:23 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00599	.0027	.00009	F 1.0728	F 1.8091
Stddev	.00128	.0024	.00027	.2491	.4111
%RSD	21.447	91.65	297.72	23.221	22.725

#1	.00654	-.0001	-.00018	.88248	1.3441
#2	.00452	.0036	.00009	1.3548	1.9592
#3	.00690	.0045	.00037	.98119	2.1241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.5	54752.	2254.9	33.161	4189.6
Stddev	13.7	100.	27.7	.806	14.1
%RSD	.39821	.18247	1.2291	2.4307	.33715

#1	3430.3	54659.	2242.9	33.677	4176.9
#2	3437.4	54739.	2235.2	32.232	4187.3
#3	3456.8	54858.	2286.6	33.573	4204.8

Sample Name: PB118166BS Acquired: 3/22/2019 16:32:52 Type: Unk
Method: P4-ICP2(v2973) 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	.78566	2.1688	1.0287	2.0540	.80401	1.8183	.19060
Stddev	.00613	.0031	.0023	.0047	.00160	.0439	.00173
%RSD	.77990	.14311	.22587	.22865	.19960	2.4118	.90873

#1	.78154	2.1709	1.0311	2.0495	.80260	1.8613	.19066
#2	.79270	2.1653	1.0265	2.0589	.80576	1.7736	.18884
#3	.78274	2.1703	1.0283	2.0536	.80369	1.8202	.19230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22072	.20142	F 1.2516	.45608	.20912	.33467	F 3.8869
Stddev	.00081	.00006	.0169	.00329	.00088	.00042	.0050
%RSD	.36822	.02768	1.3488	.72046	.41882	.12483	.12856

#1	.22161	.20142	1.2369	.45960	.20861	.33514	3.8926
#2	.22003	.20136	1.2700	.45309	.20862	.33455	3.8847
#3	.22050	.20147	1.2479	.45556	.21013	.33433	3.8833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21460	F 1.4574	.52589	.07657	3.1949	.33396	.19956
Stddev	.00020	.0379	.00161	.00108	.0220	.00144	.00051
%RSD	.09132	2.6024	.30687	1.4082	.68827	.42979	.25792

#1	.21467	1.4210	.52623	.07682	3.2114	.33462	.19990
#2	.21438	1.4545	.52413	.07751	3.1699	.33231	.19896
#3	.21475	1.4967	.52731	.07539	3.2033	.33494	.19980

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7078	.39581	F .18039	F -.01094	F 1.2637	.67210	.18946
Stddev	.0534	.00112	.00570	.00272	.0035	.00173	.00350
%RSD	.54993	.28284	3.1577	24.868	.28027	.25789	1.8470

#1	9.7549	.39616	.18618	-.00790	1.2638	.67055	.18742
#2	9.7187	.39671	.17479	-.01177	1.2671	.67178	.19350
#3	9.6498	.39456	.18020	-.01315	1.2601	.67397	.18746

Sample Name: PB118166BS Acquired: 3/22/2019 16:32:52 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .27601	F 5.685	.22452	F 1.8104	F 13.980
Stddev	.00204	.010	.00122	.2160	1.849
%RSD	.73875	.1768	.54524	11.934	13.223
#1	.27828	5.695	.22577	1.8548	12.908
#2	.27540	5.685	.22446	2.0007	12.917
#3	.27435	5.675	.22333	1.5756	16.115
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.7	54089.	2221.8	32.789	4080.0
Stddev	2.7	294.	27.5	.417	10.1
%RSD	.07930	.54376	1.2391	1.2706	.24860
#1	3401.0	53761.	2206.3	33.261	4077.0
#2	3403.6	54174.	2205.4	32.630	4091.3
#3	3406.4	54331.	2253.6	32.475	4071.7

Sample Name: K2032-05 Acquired: 3/22/2019 16:37:02 Type: Unk
Method: P4-ICP2(v2973) 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	-.00272	-.00115	.00341	.00942	-.00714	.20832	.01869
Stddev	.00239	.00136	.00168	.00213	.00158	.01156	.00126
%RSD	87.896	118.12	49.247	22.621	22.207	5.5478	6.7600

#1	-.00107	.00041	.00452	.00727	-.00531	.20200	.01754
#2	-.00547	-.00208	.00424	.01153	-.00802	.20129	.01848
#3	-.00163	-.00178	.00148	.00945	-.00808	.22166	.02004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00031	72.598	-.00277	.00037	.00201	.01115
Stddev	.00006	.00016	.377	.00042	.00033	.00039	.00033
%RSD	67.824	51.132	.51868	15.311	88.685	19.463	2.9280

#1	-.00016	-.00017	72.961	-.00312	.00052	.00159	.01079
#2	-.00003	-.00048	72.624	-.00288	-.00001	.00210	.01123
#3	-.00008	-.00026	72.209	-.00230	.00060	.00235	.01143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01435	121.22	-.00516	-.00136	1355.7	.00067	.00311
Stddev	.00001	.72	.00024	.00025	10.6	.00049	.00006
%RSD	.06495	.59098	4.7105	18.486	.78475	73.522	1.8887

#1	.01435	121.48	-.00543	-.00121	1351.0	.00020	.00305
#2	.01436	120.41	-.00509	-.00165	1367.8	.00063	.00313
#3	.01434	121.77	-.00496	-.00122	1348.2	.00118	.00316

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.214	.00126	.35085	F 126.43	2.3425	-.05344	-.00703
Stddev	.595	.00032	.00501	.35	.0280	.00037	.00085
%RSD	.98875	25.441	1.4293	.27629	1.1972	.69487	12.026

#1	59.669	.00117	.35112	126.81	2.3583	-.05348	-.00667
#2	60.123	.00161	.34571	126.13	2.3591	-.05379	-.00642
#3	60.849	.00099	.35573	126.34	2.3101	-.05305	-.00799

Sample Name: K2032-05 Acquired: 3/22/2019 16:37:02 Type: Unk
Method: P4-ICP2(v2973) 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	.03246	.0387	1.0826	4.6290	F<.00000
Stddev	.00159	.0011	.0084	.2440	1.2607
%RSD	4.8841	2.884	.77890	5.2722	9.4753

#1	.03292	.0393	1.0856	4.3790	-11.938
#2	.03070	.0375	1.0891	4.8666	-14.422
#3	.03377	.0395	1.0731	4.6414	-13.554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.8	49743.	2317.6	33.768	3384.0
Stddev	6.8	55.	32.6	1.307	3.5
%RSD	.21462	.11136	1.4050	3.8695	.10446

#1	3153.9	49727.	2298.7	33.941	3382.6
#2	3158.3	49698.	2298.9	32.383	3388.0
#3	3167.2	49805.	2355.2	34.979	3381.3

Sample Name: K2032-06 Acquired: 3/22/2019 16:41:35 Type: Unk
Method: P4-ICP2(v2973) 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	-.00405	-.00158	.00346	.01007	-.00832	.18763	.02105
Stddev	.00122	.00211	.00143	.00256	.00117	.00715	.00035
%RSD	30.085	134.02	41.392	25.459	14.030	3.8120	1.6411

#1	-.00327	-.00205	.00316	.00759	-.00832	.19191	.02079
#2	-.00343	.00073	.00220	.01271	-.00716	.17937	.02144
#3	-.00545	-.00342	.00502	.00991	-.00949	.19160	.02093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00027	71.760	-.00310	.00060	.00190	.00973
Stddev	.00004	.00009	2.399	.00014	.00030	.00007	.00068
%RSD	20.035	32.460	3.3435	4.6548	50.025	3.6522	7.0304

#1	-.00014	-.00017	70.398	-.00326	.00089	.00185	.01044
#2	-.00018	-.00034	74.531	-.00308	.00029	.00186	.00908
#3	-.00021	-.00029	70.352	-.00297	.00061	.00198	.00966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01409	118.45	-.00465	-.00143	1313.1	.00111	.00140
Stddev	.00010	.83	.00035	.00048	13.5	.00053	.00007
%RSD	.70043	.70015	7.4426	33.306	1.0318	47.339	4.8428

#1	.01404	118.49	-.00478	-.00088	1302.2	.00146	.00143
#2	.01420	119.27	-.00491	-.00168	1328.3	.00137	.00132
#3	.01402	117.61	-.00425	-.00172	1308.9	.00051	.00145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.630	.00131	.34524	F 124.49	2.3267	-.05229	-.00500
Stddev	.404	.00011	.00896	2.06	.0575	.00117	.00085
%RSD	.66642	8.0497	2.5943	1.6534	2.4721	2.2334	16.943

#1	60.803	.00140	.35035	123.26	2.2779	-.05130	-.00428
#2	60.918	.00134	.33489	123.34	2.3901	-.05198	-.00478
#3	60.168	.00120	.35047	126.86	2.3120	-.05358	-.00594

Sample Name: K2032-06 Acquired: 3/22/2019 16:41:35 Type: Unk
Method: P4-ICP2(v2973) 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	.03508	.0367	1.0835	4.5783	F<.00000
Stddev	.00124	.0027	.0353	.0311	2.0585
%RSD	3.5397	7.306	3.2566	.67931	15.212
#1	.03369	.0397	1.0647	4.6086	-12.032
#2	.03546	.0359	1.1242	4.5799	-15.879
#3	.03608	.0345	1.0616	4.5465	-12.686
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.5	50143.	2329.8	33.775	3375.7
Stddev	44.8	277.	59.8	1.090	45.8
%RSD	1.4235	.55181	2.5649	3.2275	1.3575
#1	3179.1	49895.	2361.9	32.581	3405.8
#2	3162.8	50093.	2260.8	34.717	3398.3
#3	3094.7	50441.	2366.7	34.028	3322.9

Sample Name: K2034-06 Acquired: 3/22/2019 16:46:07 Type: Unk
Method: P4-ICP2(v2973) 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	-.00228	-.00159	.00124	.00803	-.00915	.15375	.02035
Stddev	.00311	.00010	.00098	.00215	.00117	.00738	.00061
%RSD	136.23	6.2102	79.289	26.831	12.830	4.8013	3.0079

#1	.00075	-.00147	.00188	.00605	-.00869	.14631	.02013
#2	-.00213	-.00163	.00172	.01033	-.00827	.16107	.01988
#3	-.00547	-.00166	.00011	.00770	-.01048	.15387	.02104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00020	53.793	-.00213	.00041	.00111	.01059
Stddev	.00013	.00013	.471	.00028	.00025	.00043	.00065
%RSD	103.73	62.616	.87508	12.973	61.218	39.193	6.1024

#1	-.00014	-.00031	53.321	-.00213	.00051	.00136	.01024
#2	.00001	-.00023	53.796	-.00186	.00058	.00136	.01134
#3	-.00024	-.00006	54.262	-.00241	.00012	.00061	.01020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01278	74.231	-.00333	-.00111	848.99	.00119	.00076
Stddev	.00009	.430	.00051	.00025	5.15	.00028	.00011
%RSD	.70738	.57967	15.248	22.900	.60611	23.535	14.259

#1	.01282	74.504	-.00276	-.00102	851.33	.00144	.00088
#2	.01285	74.455	-.00373	-.00139	852.55	.00089	.00069
#3	.01268	73.735	-.00349	-.00091	843.09	.00124	.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.506	.00089	.20569	F 77.404	2.5009	-.03432	-.00517
Stddev	.200	.00010	.01766	.170	.0297	.00066	.00099
%RSD	.53414	10.925	8.5850	.21943	1.1878	1.9084	19.112

#1	37.304	.00083	.20362	77.232	2.4729	-.03455	-.00555
#2	37.705	.00100	.18917	77.571	2.4977	-.03359	-.00405
#3	37.508	.00083	.22430	77.409	2.5320	-.03484	-.00592

Sample Name: K2034-06 Acquired: 3/22/2019 16:46:07 Type: Unk
 Method: P4-ICP2(v2973) 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	.01793	.0299	.71716	3.4954	F<.00000
Stddev	.00058	.0004	.00817	.0942	1.3862
%RSD	3.2412	1.316	1.1392	2.6943	12.535

#1	.01861	.0304	.71003	3.6015	-11.581
#2	.01759	.0297	.71536	3.4631	-9.4876
#3	.01761	.0297	.72607	3.4217	-12.108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.0	51255.	2354.8	34.811	3523.1
Stddev	5.1	138.	30.0	1.754	13.9
%RSD	.15622	.26873	1.2741	5.0382	.39530

#1	3239.8	51404.	2380.2	33.839	3533.1
#2	3230.4	51132.	2362.4	36.835	3507.2
#3	3231.8	51230.	2321.7	33.758	3529.1

Sample Name: K2034-06DUP Acquired: 3/22/2019 16:50:38 Type: Unk
Method: P4-ICP2(v2973) 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	-.00175	-.00075	-.00012	.00494	-.00778	.14564	.02071
Stddev	.00147	.00109	.00122	.00293	.00175	.00340	.00013
%RSD	83.787	146.58	1012.4	59.421	22.515	2.3353	.63826

#1	-.00006	-.00166	.00081	.00203	-.00739	.14927	.02057
#2	-.00248	-.00104	.00033	.00790	-.00626	.14515	.02071
#3	-.00272	.00046	-.00150	.00488	-.00970	.14252	.02084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00034	53.133	-.00215	.00059	.00079	.01080
Stddev	.00014	.00013	.454	.00053	.00006	.00053	.00025
%RSD	565.83	37.132	.85439	24.452	9.3905	67.362	2.2792

#1	.00013	-.00022	53.657	-.00155	.00065	.00140	.01091
#2	-.00010	-.00034	52.874	-.00254	.00055	.00041	.01051
#3	-.00010	-.00047	52.868	-.00235	.00057	.00057	.01097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01247	72.226	-.00387	-.00147	838.51	.00120	.00076
Stddev	.00006	.410	.00015	.00048	21.19	.00029	.00017
%RSD	.46329	.56759	3.7602	32.634	2.5273	23.959	22.808

#1	.01253	72.693	-.00371	-.00138	862.96	.00090	.00062
#2	.01243	71.926	-.00389	-.00104	825.53	.00148	.00071
#3	.01244	72.058	-.00399	-.00199	827.02	.00121	.00095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.636	.00081	.21222	F 76.643	2.4789	-.03423	-.00365
Stddev	.225	.00029	.01317	.248	.0222	.00087	.00173
%RSD	.61308	35.542	6.2037	.32383	.89622	2.5458	47.333

#1	36.388	.00070	.21605	76.599	2.5017	-.03368	-.00168
#2	36.826	.00059	.19757	76.911	2.4573	-.03524	-.00435
#3	36.694	.00113	.22305	76.420	2.4778	-.03378	-.00492

Sample Name: K2034-06DUP Acquired: 3/22/2019 16:50:38 Type: Unk
 Method: P4-ICP2(v2973) 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	.01981	.0305	.70881	3.1817	F<.00000
Stddev	.00061	.0007	.00601	.2358	1.0197
%RSD	3.0767	2.279	.84810	7.4120	8.2688

#1	.02051	.0312	.71572	3.3256	-13.493
#2	.01942	.0305	.70479	3.3100	-11.582
#3	.01949	.0298	.70593	2.9095	-11.921

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.9	52179.	2364.5	35.489	3542.8
Stddev	5.9	95.	26.3	1.100	2.7
%RSD	.18097	.18243	1.1104	3.0988	.07741

#1	3253.7	52092.	2334.3	34.220	3545.9
#2	3255.3	52281.	2382.3	36.173	3541.1
#3	3264.6	52166.	2376.9	36.073	3541.3

Sample Name: K2034-06LX5 Acquired: 3/22/2019 16:55:55 Type: Unk
Method: P4-ICP2(v2973) 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	-.00379	-.00072	-.00296	.00092	-.00299	.08019	.00773
Stddev	.00188	.00077	.00051	.00230	.00005	.01294	.00108
%RSD	49.495	107.07	17.321	251.24	1.7299	16.138	13.937

#1	-.00594	.00013	-.00355	.00248	-.00293	.07038	.00671
#2	-.00301	-.00091	-.00265	.00200	-.00303	.09485	.00763
#3	-.00244	-.00138	-.00267	-.00173	-.00301	.07533	.00886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00026	11.233	-.00105	.00043	-.00051	.00192
Stddev	.00003	.00005	.068	.00036	.00026	.00012	.00056
%RSD	44.561	19.533	.60656	34.383	60.694	24.451	29.453

#1	-.00009	-.00023	11.155	-.00134	.00050	-.00062	.00249
#2	-.00007	-.00023	11.278	-.00065	.00065	-.00054	.00190
#3	-.00003	-.00032	11.267	-.00117	.00014	-.00038	.00136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	14.365	-.00094	-.00105	171.52	.00101	-.00004
Stddev	.00002	.094	.00072	.00038	.14	.00025	.00004
%RSD	.86427	.65489	76.198	35.801	.07970	25.112	82.683

#1	.00266	14.422	-.00020	-.00063	171.68	.00128	-.00008
#2	.00266	14.417	-.00163	-.00115	171.45	.00095	-.00001
#3	.00270	14.257	-.00100	-.00136	171.44	.00078	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4628	.00021	.04512	F 14.692	.53268	-.01076	-.00474
Stddev	.0454	.00020	.00563	.031	.00628	.00068	.00281
%RSD	.60836	95.487	12.476	.20917	1.1796	6.3430	59.227

#1	7.4974	.00033	.04722	14.702	.52668	-.01073	-.00221
#2	7.4797	.00033	.03874	14.716	.53921	-.01146	-.00424
#3	7.4114	-.00002	.04939	14.657	.53216	-.01009	-.00776

Sample Name: K2034-06LX5 Acquired: 3/22/2019 16:55:55 Type: Unk
Method: P4-ICP2(v2973) 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	.02585	.0044	.15152	1.7184	F<.00000
Stddev	.00435	.0024	.00040	.1935	.98224
%RSD	16.832	53.53	.26545	11.258	44.994

#1	.02146	.0018	.15130	1.8010	-2.0120
#2	.02592	.0051	.15198	1.8568	-3.2396
#3	.03017	.0063	.15127	1.4973	-1.2976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.1	53644.	2341.9	35.119	3859.7
Stddev	9.3	111.	9.8	.611	15.3
%RSD	.27505	.20778	.41641	1.7385	.39547

#1	3361.9	53583.	2347.3	35.185	3860.9
#2	3361.6	53576.	2330.7	35.695	3843.8
#3	3377.8	53772.	2347.8	34.479	3874.3

Sample Name: K2034-06A Acquired: 3/22/2019 17:00:20 Type: Unk
Method: P4-ICP2(v2973) 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	.97530	2.3434	1.1955	2.5038	.97252	2.4197	.25388	.27017
Stddev	.00081	.0057	.0010	.0123	.00334	.0192	.00225	.00076
%RSD	.08346	.24233	.08641	.49092	.34368	.79128	.88750	.28177
#1	.97487	2.3382	1.1966	2.4926	.96982	2.4148	.25475	.27027
#2	.97479	2.3425	1.1945	2.5018	.97149	2.4408	.25558	.26936
#3	.97623	2.3494	1.1954	2.5170	.97626	2.4034	.25133	.27088
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24195	53.683	.51078	.24854	.35584	3.6974	.25039	72.755
Stddev	.00027	.117	.00220	.00070	.00093	.0089	.00103	.266
%RSD	.10977	.21792	.42983	.28028	.26224	.24211	.41061	.36616
#1	.24164	53.567	.51063	.24927	.35664	3.7015	.24928	72.667
#2	.24212	53.801	.50866	.24848	.35481	3.6871	.25059	73.055
#3	.24208	53.681	.51304	.24788	.35607	3.7035	.25131	72.545
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61343	.08848	826.33	.38802	.26060	49.396	.45827	.43277
Stddev	.00123	.00085	8.09	.00061	.00056	.067	.00074	.00401
%RSD	.20092	.95939	.97854	.15651	.21655	.13564	.16081	.92646
#1	.61205	.08755	828.73	.38735	.25996	49.419	.45760	.43708
#2	.61441	.08869	832.95	.38854	.26079	49.449	.45815	.42916
#3	.61384	.08921	817.32	.38817	.26104	49.321	.45906	.43205
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.279	3.8948	.81316	.21933	.34873	8.025	.95007	2.9034
Stddev	.092	.0208	.00271	.00303	.00196	.020	.00260	.1741
%RSD	.12338	.53355	.33384	1.3802	.56347	.2474	.27348	5.9946
#1	74.193	3.8811	.81003	.21671	.35065	8.004	.95043	2.7141
#2	74.375	3.8846	.81476	.22265	.34883	8.027	.94731	3.0564
#3	74.268	3.9187	.81470	.21864	.34672	8.043	.95247	2.9397

Sample Name: K2034-06A Acquired: 3/22/2019 17:00:20 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3303
Stddev	1.5545
%RSD	66.709

#1	.72295
#2	3.8260
#3	2.4420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.0	52024.	2356.0	35.109	3554.5
Stddev	8.3	141.	5.9	.790	8.8
%RSD	.25206	.27019	.25095	2.2513	.24893

#1	3276.4	51969.	2359.7	35.459	3544.4
#2	3292.9	51919.	2359.2	35.665	3558.4
#3	3285.8	52183.	2349.2	34.204	3560.7

Sample Name: K2034-06MSD Acquired: 3/22/2019 17:04:30 Type: Unk
Method: P4-ICP2(v2973) 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	.91715	2.2047	1.1212	2.3564	.89960	2.2737	.23848	.25289
Stddev	.00585	.0098	.0010	.0139	.00624	.0039	.00102	.00036
%RSD	.63790	.44450	.08861	.58827	.69329	.16911	.42610	.14239
#1	.91780	2.2149	1.1210	2.3575	.90206	2.2780	.23943	.25317
#2	.91100	2.1953	1.1204	2.3420	.89250	2.2725	.23859	.25301
#3	.92265	2.2040	1.1223	2.3696	.90422	2.2706	.23741	.25248
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22765	54.197	.47656	.23335	.33517	3.4622	.23446	74.145
Stddev	.00149	.289	.00122	.00142	.00128	.0048	.00109	.501
%RSD	.65417	.53244	.25521	.60947	.38115	.13976	.46278	.67623
#1	.22906	54.525	.47774	.23379	.33591	3.4635	.23322	73.877
#2	.22610	53.985	.47531	.23176	.33369	3.4569	.23523	74.723
#3	.22780	54.080	.47662	.23450	.33589	3.4663	.23494	73.834
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57483	.08307	830.39	.36499	.24582	48.710	.42372	.40843
Stddev	.00237	.00027	4.46	.00112	.00103	.397	.00364	.00975
%RSD	.41240	.32509	.53650	.30683	.41848	.81411	.85861	2.3863
#1	.57376	.08297	832.99	.36554	.24650	49.040	.42492	.39735
#2	.57319	.08337	832.93	.36370	.24464	48.270	.41963	.41228
#3	.57755	.08286	825.24	.36572	.24633	48.819	.42661	.41567
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.668	3.7921	.75503	.20257	.32564	7.554	.93372	3.5338
Stddev	.019	.0389	.00174	.00317	.00236	.024	.01054	.1301
%RSD	.02476	1.0254	.23023	1.5661	.72444	.3177	1.1293	3.6812
#1	75.687	3.8310	.75684	.20038	.32836	7.572	.94468	3.4503
#2	75.667	3.7532	.75337	.20112	.32407	7.526	.92365	3.6837
#3	75.649	3.7921	.75488	.20621	.32451	7.563	.93282	3.4674

Sample Name: K2034-06MSD Acquired: 3/22/2019 17:04:30 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2863
Stddev	1.4895
%RSD	115.80

#1	1.3701
#2	-.24333
#3	2.7322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.0	51509.	2340.1	37.064	3505.0
Stddev	7.5	107.	8.7	.567	3.5
%RSD	.22985	.20776	.37028	1.5288	.09952

#1	3239.4	51572.	2330.2	36.679	3501.8
#2	3252.6	51569.	2346.5	36.798	3504.5
#3	3239.9	51385.	2343.5	37.715	3508.8

Sample Name: K2034-06MS Acquired: 3/22/2019 17:08:42 Type: Unk
Method: P4-ICP2(v2973) 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	.95295	2.3115	1.1783	2.4605	.94179	2.3801	.24838	.26691
Stddev	.00675	.0075	.0070	.0197	.00800	.0130	.00049	.00066
%RSD	.70796	.32233	.59195	.80136	.84900	.54513	.19858	.24745
#1	.95657	2.3041	1.1748	2.4823	.95059	2.3847	.24890	.26751
#2	.94517	2.3190	1.1863	2.4555	.93982	2.3655	.24791	.26702
#3	.95711	2.3114	1.1738	2.4438	.93497	2.3902	.24832	.26620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23910	54.964	.50261	.24532	.34957	3.6615	.24708	74.030
Stddev	.00054	.103	.00044	.00098	.00277	.0100	.00022	.361
%RSD	.22602	.18662	.08756	.40104	.79172	.27336	.08938	.48821
#1	.23912	54.848	.50214	.24512	.35270	3.6727	.24689	74.288
#2	.23964	55.004	.50301	.24639	.34859	3.6585	.24704	73.617
#3	.23856	55.041	.50268	.24445	.34743	3.6533	.24732	74.184
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60400	.08776	841.31	.38343	.25728	49.824	.44416	.43529
Stddev	.00154	.00027	4.68	.00176	.00102	.206	.00362	.00996
%RSD	.25440	.31129	.55680	.45975	.39808	.41276	.81516	2.2873
#1	.60449	.08758	838.19	.38175	.25750	49.588	.44833	.44318
#2	.60524	.08763	846.70	.38526	.25818	49.928	.44229	.43858
#3	.60228	.08808	839.05	.38326	.25617	49.958	.44185	.42410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 76.143	3.9256	.79470	.21198	.34298	7.928	.96175	3.9272
Stddev	.060	.0557	.00338	.00351	.00278	.022	.00797	.1948
%RSD	.07878	1.4185	.42535	1.6569	.80923	.2742	.82846	4.9613
#1	76.176	3.9002	.79224	.21390	.34346	7.920	.95721	4.1488
#2	76.179	3.9895	.79856	.21411	.34000	7.952	.97095	3.8496
#3	76.074	3.8873	.79331	.20793	.34549	7.911	.95709	3.7831

Sample Name: K2034-06MS Acquired: 3/22/2019 17:08:42 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3967
Stddev	.4793
%RSD	19.998

#1	2.6689
#2	1.8433
#3	2.6779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.2	51113.	2299.8	34.540	3483.2
Stddev	15.3	176.	22.1	1.981	6.5
%RSD	.47113	.34347	.96059	5.7362	.18607

#1	3230.7	51184.	2312.7	33.998	3489.3
#2	3261.2	50913.	2274.3	32.886	3483.9
#3	3246.7	51242.	2312.4	36.736	3476.4

Sample Name: CCV04 Acquired: 3/22/2019 17:12:54 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9688	5.3560	5.1610	5.0733	5.0549	10.200	9.3232	.26526
Stddev	.0147	.0011	.0132	.0074	.0011	.096	.0511	.00087
%RSD	.29619	.01975	.25509	.14525	.02184	.93697	.54778	.32667
#1	4.9548	5.3572	5.1629	5.0648	5.0542	10.090	9.2942	.26465
#2	4.9673	5.3555	5.1731	5.0772	5.0562	10.243	9.3821	.26625
#3	4.9842	5.3553	5.1470	5.0778	5.0544	10.266	9.2931	.26488
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5583	26.459	1.0787	2.5815	1.2686	5.1726	2.5179	F 20.431
Stddev	.0028	.127	.0042	.0025	.0028	.0067	.0041	.121
%RSD	.10926	.48140	.38656	.09761	.21739	.13035	.16115	.59457
#1	2.5576	26.454	1.0746	2.5810	1.2658	5.1669	2.5142	20.291
#2	2.5614	26.589	1.0830	2.5842	1.2713	5.1801	2.5222	20.500
#3	2.5560	26.334	1.0786	2.5793	1.2689	5.1709	2.5173	20.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5820	1.2702	26.316	2.6623	2.4780	25.428	4.9873	F 3.0951
Stddev	.0023	.0007	.165	.0056	.0028	.124	.0060	.0225
%RSD	.08918	.05661	.62780	.20979	.11465	.48778	.12026	.72604
#1	2.5811	1.2700	26.233	2.6560	2.4758	25.285	4.9814	3.0861
#2	2.5846	1.2695	26.506	2.6666	2.4812	25.503	4.9872	3.1207
#3	2.5802	1.2709	26.208	2.6644	2.4769	25.496	4.9933	3.0786
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1281	F 6.7204	5.1067	4.9220	F 6.5508	5.255	F 5.5464	F 2.2699
Stddev	.0228	.0249	.0074	.0050	.0273	.005	.0234	.1426
%RSD	.44474	.37076	.14568	.10073	.41659	.0889	.42139	6.2807
#1	5.1543	6.7457	5.1087	4.9166	6.5734	5.254	5.5660	2.2850
#2	5.1127	6.6959	5.1129	4.9264	6.5585	5.260	5.5526	2.4044
#3	5.1174	6.7197	5.0984	4.9230	6.5205	5.251	5.5205	2.1204

Sample Name: CCV04 Acquired: 3/22/2019 17:12:54 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 8.2639
Stddev	1.1931
%RSD	14.437

#1	8.4069
#2	9.3790
#3	7.0058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.1	53674.	2308.6	33.712	3748.1
Stddev	7.2	230.	14.7	1.115	10.0
%RSD	.21386	.42885	.63685	3.3087	.26571

#1	3375.6	53732.	2293.6	32.458	3749.4
#2	3361.9	53420.	2309.4	34.084	3737.6
#3	3372.7	53869.	2322.9	34.594	3757.4

Sample Name: CCB04 Acquired: 3/22/2019 17:16:52 Type: Unk
Method: P4-ICP2(v2973) 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	-.00399	-.00107	-.00412	-.00015	.00274	F .03628	.00489
Stddev	.00107	.00034	.00063	.00324	.00107	.01024	.00020
%RSD	26.769	31.491	15.410	2144.1	38.955	28.219	4.0351

#1	-.00504	-.00070	-.00343	-.00184	.00269	.02526	.00467
#2	-.00291	-.00116	-.00425	.00359	.00383	.03807	.00496
#3	-.00402	-.00136	-.00467	-.00220	.00170	.04550	.00505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00028	.00312	-.00047	.00049	-.00173	-.00119
Stddev	.00002	.00004	.01846	.00032	.00019	.00057	.00040
%RSD	8.2292	15.769	591.41	68.885	39.473	32.893	33.265

#1	-.00018	-.00025	.00486	-.00077	.00032	-.00176	-.00073
#2	-.00020	-.00025	-.01614	-.00051	.00046	-.00115	-.00145
#3	-.00021	-.00033	.02065	-.00013	.00070	-.00229	-.00138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02083	.00111	-.00114	F .69659	.00072	-.00058
Stddev	.00002	.03823	.00026	.00028	.02881	.00016	.00007
%RSD	339.96	183.55	23.193	24.444	4.1363	21.601	11.291

#1	-.00001	.01660	.00130	-.00144	.66357	.00063	-.00053
#2	.00003	.06100	.00121	-.00088	.71665	.00063	-.00055
#3	-.00000	-.01511	.00082	-.00111	.70955	.00090	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .59998	.00051	.00135	F -.01744	.01316	-.00310	-.00365
Stddev	.03084	.00012	.00207	.00225	.00122	.00037	.00312
%RSD	5.1395	24.089	153.82	12.885	9.2445	12.042	85.499

#1	.58010	.00053	-.00062	-.01484	.01370	-.00323	-.00205
#2	.63550	.00038	.00351	-.01874	.01177	-.00267	-.00165
#3	.58433	.00063	.00114	-.01873	.01402	-.00338	-.00724

Sample Name: CCB04 Acquired: 3/22/2019 17:16:52 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01365	-.0015	.00021	F<.00000	F 4.4801
Stddev	.00170	.0005	.00004	.09715	1.5417
%RSD	12.424	34.46	21.572	14.877	34.412
#1	.01206	-.0017	.00018	-.54323	2.9724
#2	.01543	-.0018	.00018	-.72786	6.0536
#3	.01345	-.0009	.00026	-.68796	4.4142
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3547.4	56881.	2351.2	35.898	4297.5
Stddev	7.2	263.	3.3	.549	2.8
%RSD	.20270	.46274	.14244	1.5297	.06487
#1	3542.1	56629.	2350.7	35.582	4299.9
#2	3555.5	57154.	2348.2	36.532	4298.1
#3	3544.5	56862.	2354.8	35.580	4294.4

Sample Name: K2032-07 Acquired: 3/22/2019 17:21:21 Type: Unk
Method: P4-ICP2(v2973) 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	-.00208	-.00128	.00244	.01135	-.00620	.20625	.02021
Stddev	.00334	.00110	.00048	.00219	.00169	.01557	.00039
%RSD	160.71	86.098	19.785	19.275	27.185	7.5501	1.9519

#1	-.00307	-.00250	.00239	.00894	-.00494	.18943	.02054
#2	-.00480	-.00095	.00295	.01321	-.00555	.20916	.02031
#3	.00164	-.00037	.00199	.01190	-.00811	.22016	.01977

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00026	72.174	-.00255	.00067	.00195	.00838
Stddev	.00019	.00007	.260	.00027	.00020	.00058	.00052
%RSD	360.92	25.811	.36050	10.560	29.720	29.513	6.1468

#1	.00000	-.00027	72.113	-.00286	.00089	.00161	.00840
#2	.00027	-.00033	71.949	-.00246	.00050	.00163	.00786
#3	-.00011	-.00019	72.459	-.00234	.00063	.00262	.00889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01420	119.08	-.00429	-.00151	1349.3	.00150	.00109
Stddev	.00021	.53	.00055	.00025	9.0	.00044	.00006
%RSD	1.5120	.44149	12.847	16.759	.66363	29.425	5.6041

#1	.01432	119.38	-.00463	-.00162	1359.6	.00108	.00103
#2	.01395	118.48	-.00458	-.00122	1344.9	.00196	.00108
#3	.01432	119.40	-.00365	-.00168	1343.4	.00146	.00115

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.402	.00165	.34911	F 124.50	2.3417	-.05189	-.00596
Stddev	.401	.00029	.00489	.41	.0301	.00036	.00333
%RSD	.66361	17.382	1.3995	.33257	1.2834	.69663	55.915

#1	60.847	.00136	.35110	124.12	2.3181	-.05148	-.00229
#2	60.288	.00193	.35269	124.44	2.3314	-.05205	-.00678
#3	60.070	.00167	.34355	124.94	2.3755	-.05215	-.00880

Sample Name: K2032-07 Acquired: 3/22/2019 17:21:21 Type: Unk
Method: P4-ICP2(v2973) 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	.03325	.0391	1.0788	4.6472	F<.00000
Stddev	.00110	.0018	.0046	.1668	2.0433
%RSD	3.3001	4.724	.42313	3.5882	15.103
#1	.03377	.0388	1.0805	4.7349	-12.303
#2	.03400	.0375	1.0737	4.7517	-12.397
#3	.03199	.0411	1.0823	4.4549	-15.888
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.4	49961.	2337.7	33.778	3375.6
Stddev	1.1	174.	19.7	.801	14.0
%RSD	.03417	.34926	.84332	2.3728	.41335
#1	3165.2	49849.	2345.3	33.083	3387.7
#2	3166.7	50163.	2352.5	33.597	3378.8
#3	3167.3	49872.	2315.3	34.655	3360.4

Sample Name: K2032-08 Acquired: 3/22/2019 17:25:55 Type: Unk
Method: P4-ICP2(v2973) 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	-.00322	-.00167	.00290	.00930	-.00859	.23371	.02026
Stddev	.00175	.00041	.00065	.00296	.00238	.00974	.00022
%RSD	54.424	24.793	22.478	31.884	27.658	4.1670	1.0868

#1	-.00461	-.00121	.00264	.01271	-.00634	.22455	.02039
#2	-.00379	-.00202	.00242	.00742	-.01107	.24394	.02000
#3	-.00125	-.00178	.00364	.00776	-.00837	.23264	.02038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00033	79.491	-.00340	.00039	.00159	.00806
Stddev	.00010	.00010	.207	.00063	.00056	.00046	.00046
%RSD	115.36	29.472	.26036	18.432	143.07	29.212	5.6654

#1	-.00003	-.00044	79.421	-.00404	-.00013	.00108	.00764
#2	-.00003	-.00031	79.724	-.00278	.00099	.00170	.00855
#3	-.00020	-.00025	79.328	-.00339	.00032	.00198	.00801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01541	138.71	-.00371	-.00169	1550.3	.00162	.00152
Stddev	.00005	1.02	.00056	.00066	13.1	.00041	.00016
%RSD	.30161	.73373	15.077	38.911	.84186	25.449	10.487

#1	.01542	137.83	-.00434	-.00178	1546.1	.00115	.00157
#2	.01536	138.47	-.00349	-.00099	1539.9	.00191	.00134
#3	.01545	139.83	-.00328	-.00229	1565.0	.00179	.00165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.603	.00138	.41611	F 145.43	2.2675	-.05946	-.00608
Stddev	.637	.00016	.01129	.65	.0232	.00066	.00183
%RSD	.88995	11.398	2.7129	.45010	1.0209	1.1070	30.035

#1	71.630	.00131	.40980	144.67	2.2930	-.05891	-.00636
#2	70.952	.00156	.40939	145.85	2.2478	-.06019	-.00414
#3	72.226	.00128	.42915	145.75	2.2617	-.05929	-.00776

Sample Name: K2032-08 Acquired: 3/22/2019 17:25:55 Type: Unk
 Method: P4-ICP2(v2973) 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	.03639	.0413	1.2355	5.1733	F<.00000
Stddev	.00106	.0009	.0075	.0947	1.9304
%RSD	2.9000	2.068	.61060	1.8302	14.999
#1	.03526	.0420	1.2442	5.0684	-11.001
#2	.03735	.0417	1.2317	5.1991	-14.856
#3	.03655	.0404	1.2307	5.2524	-12.754
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.1	48910.	2310.1	32.531	3295.6
Stddev	23.6	188.	12.9	1.616	16.6
%RSD	.75830	.38442	.55835	4.9673	.50299
#1	3116.0	48929.	2298.9	31.275	3314.4
#2	3125.0	49088.	2307.1	31.964	3289.2
#3	3080.4	48713.	2324.2	34.354	3283.1

Sample Name: K2032-09 Acquired: 3/22/2019 17:30:29 Type: Unk
Method: P4-ICP2(v2973) 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	-.00379	-.00143	.00073	.01129	-.00751	.22234	.02031
Stddev	.00052	.00204	.00058	.00165	.00026	.00872	.00074
%RSD	13.766	142.12	80.405	14.593	3.4606	3.9216	3.6431

#1	-.00366	-.00371	.00130	.01174	-.00736	.22462	.01995
#2	-.00436	-.00083	.00014	.01266	-.00737	.22969	.01982
#3	-.00335	.00023	.00074	.00946	-.00782	.21270	.02116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00030	71.498	-.00289	.00045	.00109	.00705
Stddev	.00005	.00004	.214	.00036	.00027	.00041	.00021
%RSD	53.031	13.295	.29952	12.636	59.729	37.692	2.9289

#1	-.00009	-.00029	71.745	-.00272	.00065	.00087	.00688
#2	-.00004	-.00026	71.361	-.00331	.00015	.00156	.00728
#3	-.00013	-.00034	71.389	-.00264	.00056	.00084	.00700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01408	118.73	-.00390	-.00151	1326.1	.00119	.00097
Stddev	.00001	.93	.00069	.00016	16.8	.00058	.00007
%RSD	.04423	.78111	17.615	10.606	1.2656	49.011	6.9580

#1	.01408	119.80	-.00438	-.00133	1344.4	.00061	.00095
#2	.01407	118.19	-.00421	-.00164	1322.6	.00177	.00091
#3	.01408	118.20	-.00311	-.00157	1311.4	.00118	.00105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.642	.00146	.36007	F 124.11	2.3261	-.05161	-.00470
Stddev	.110	.00009	.01007	.59	.0333	.00077	.00350
%RSD	.17820	5.9021	2.7973	.47342	1.4308	1.4995	74.423

#1	61.604	.00141	.36989	124.73	2.2877	-.05220	-.00502
#2	61.556	.00142	.36056	124.06	2.3451	-.05190	-.00802
#3	61.766	.00156	.34976	123.56	2.3457	-.05073	-.00105

Sample Name: K2032-09 Acquired: 3/22/2019 17:30:29 Type: Unk
Method: P4-ICP2(v2973) 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	.02952	.0396	1.0791	4.2722	F<.00000
Stddev	.00200	.0007	.0065	.1625	.81166
%RSD	6.7719	1.656	.60393	3.8039	6.6690
#1	.02734	.0400	1.0720	4.4364	-12.635
#2	.03127	.0399	1.0848	4.1115	-12.644
#3	.02993	.0388	1.0805	4.2687	-11.233
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.4	50269.	2335.5	35.078	3393.5
Stddev	12.3	97.	19.4	1.446	10.7
%RSD	.38843	.19234	.82955	4.1234	.31572
#1	3159.2	50166.	2355.1	36.383	3383.1
#2	3174.3	50284.	2316.3	33.523	3392.9
#3	3183.6	50357.	2335.2	35.328	3404.5

Sample Name: K2032-10 Acquired: 3/22/2019 17:35:02 Type: Unk
Method: P4-ICP2(v2973) 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	-.00274	-.00158	.00185	.00814	-.00636	.19565	.02055
Stddev	.00062	.00037	.00057	.00301	.00273	.00459	.00068
%RSD	22.829	23.582	30.667	37.056	42.893	2.3449	3.2951

#1	-.00258	-.00115	.00204	.00901	-.00321	.20020	.02078
#2	-.00220	-.00178	.00231	.01062	-.00790	.19103	.01979
#3	-.00342	-.00180	.00122	.00478	-.00797	.19573	.02109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00029	71.799	-.00276	.00054	.00164	.01086
Stddev	.00011	.00016	.210	.00046	.00032	.00050	.00083
%RSD	1836.7	54.675	.29193	16.854	58.946	30.174	7.6165

#1	-.00012	-.00017	71.840	-.00318	.00018	.00163	.01005
#2	.00009	-.00047	71.986	-.00283	.00076	.00115	.01171
#3	.00001	-.00024	71.572	-.00226	.00068	.00214	.01083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01465	117.02	-.00398	-.00187	1306.2	.00118	.03648
Stddev	.00011	.38	.00032	.00044	7.5	.00037	.00028
%RSD	.78152	.32119	7.9865	23.627	.57244	30.926	.77509

#1	.01452	117.24	-.00419	-.00238	1314.9	.00160	.03636
#2	.01469	116.59	-.00414	-.00165	1301.9	.00101	.03628
#3	.01473	117.24	-.00361	-.00158	1301.9	.00093	.03680

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.155	.00160	.33172	F 123.47	2.3648	-.05106	-.00608
Stddev	.037	.00017	.00886	1.13	.0115	.00189	.00079
%RSD	.06066	10.464	2.6713	.91294	.48565	3.6985	13.009

#1	61.145	.00169	.32151	122.44	2.3556	-.04908	-.00543
#2	61.124	.00171	.33636	123.31	2.3777	-.05284	-.00696
#3	61.196	.00141	.33731	124.67	2.3612	-.05125	-.00585

Sample Name: K2032-10 Acquired: 3/22/2019 17:35:02 Type: Unk
Method: P4-ICP2(v2973) 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	.03071	.0422	1.0800	4.1597	F<.00000
Stddev	.00170	.0011	.0062	.3083	1.8071
%RSD	5.5212	2.653	.57513	7.4111	15.398

#1	.03030	.0410	1.0808	4.5156	-13.680
#2	.03257	.0432	1.0857	3.9755	-11.420
#3	.02925	.0425	1.0734	3.9880	-10.107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.9	50255.	2300.4	34.021	3396.5
Stddev	18.0	93.	18.6	1.034	25.4
%RSD	.56806	.18458	.80865	3.0383	.74687

#1	3161.5	50156.	2294.8	32.965	3419.6
#2	3187.0	50270.	2285.2	35.031	3400.6
#3	3152.3	50340.	2321.1	34.068	3369.4

Sample Name: K2033-01 Acquired: 3/22/2019 17:39:34 Type: Unk
Method: P4-ICP2(v2973) 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	-.00571	-.00241	-.00084	.00428	-.00854	.15832	.01922
Stddev	.00264	.00100	.00123	.00089	.00156	.01902	.00079
%RSD	46.267	41.749	146.06	20.853	18.268	12.011	4.0881

#1	-.00312	-.00233	-.00212	.00504	-.00735	.16993	.02011
#2	-.00562	-.00144	.00035	.00330	-.00797	.16865	.01863
#3	-.00840	-.00344	-.00077	.00451	-.01031	.13637	.01892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00033	52.537	-.00135	.00036	.00006	.01365
Stddev	.00015	.00003	4.220	.00032	.00025	.00029	.00113
%RSD	2984.5	9.2360	8.0325	23.591	70.859	451.50	8.2650

#1	-.00001	-.00035	49.621	-.00132	.00006	-.00025	.01322
#2	.00017	-.00035	50.614	-.00105	.00049	.00031	.01492
#3	-.00014	-.00030	57.376	-.00169	.00051	.00014	.01279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01200	59.372	-.00214	-.00157	681.26	.00123	.00069
Stddev	.00007	1.097	.00080	.00081	5.86	.00040	.00007
%RSD	.57780	1.8482	37.651	51.666	.86052	32.491	9.6614

#1	.01201	58.111	-.00143	-.00176	674.84	.00105	.00069
#2	.01193	59.886	-.00197	-.00068	682.62	.00095	.00076
#3	.01207	60.117	-.00301	-.00227	686.33	.00168	.00063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.087	.00092	.16809	F 62.020	2.8494	-.02921	-.00232
Stddev	.384	.00008	.01103	.069	.2015	.00015	.00064
%RSD	1.2748	8.8445	6.5621	.11167	7.0727	.50190	27.538

#1	29.647	.00085	.17613	62.100	2.7264	-.02935	-.00258
#2	30.270	.00091	.15551	61.985	2.7398	-.02906	-.00279
#3	30.345	.00101	.17261	61.976	3.0819	-.02922	-.00159

Sample Name: K2033-01 Acquired: 3/22/2019 17:39:34 Type: Unk
Method: P4-ICP2(v2973) 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	.01726	.0327	.65251	3.0885	F<.00000
Stddev	.00250	.0016	.05506	.4538	1.2651
%RSD	14.459	4.954	8.4385	14.694	16.363

#1	.01715	.0311	.61847	2.5645	-7.3484
#2	.01482	.0344	.62302	3.3473	-6.7025
#3	.01980	.0327	.71603	3.3537	-9.1441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.2	52772.	2176.9	33.270	3607.3
Stddev	8.0	624.	156.5	2.821	4.6
%RSD	.24372	1.1816	7.1894	8.4790	.12651

#1	3285.1	53492.	2276.8	35.942	3602.1
#2	3298.4	52410.	2257.3	33.547	3610.7
#3	3284.0	52414.	1996.5	30.320	3609.1

Sample Name: K2033-02 Acquired: 3/22/2019 17:44:06 Type: Unk
Method: P4-ICP2(v2973) 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	-.00473	-.00108	.00056	.00736	-.00572	.15272	.01977
Stddev	.00081	.00129	.00153	.00288	.00134	.01139	.00101
%RSD	17.099	120.11	273.69	39.077	23.486	7.4553	5.1034

#1	-.00420	.00008	.00083	.00419	-.00465	.15901	.02005
#2	-.00432	-.00247	.00193	.00811	-.00722	.15958	.02061
#3	-.00566	-.00084	-.00109	.00979	-.00527	.13958	.01865

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00031	48.326	-.00187	.00050	.00087	.01238
Stddev	.00013	.00006	.138	.00029	.00011	.00035	.00012
%RSD	233.78	17.967	.28632	15.456	22.513	39.833	.95783

#1	.00005	-.00038	48.486	-.00167	.00059	.00067	.01248
#2	-.00002	-.00028	48.244	-.00173	.00054	.00127	.01225
#3	-.00021	-.00028	48.248	-.00220	.00037	.00066	.01240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01140	58.956	-.00312	-.00160	684.71	.00162	.00068
Stddev	.00009	.305	.00012	.00029	2.87	.00016	.00014
%RSD	.80803	.51691	3.8937	18.383	.41958	9.8659	21.194

#1	.01129	59.015	-.00319	-.00193	685.84	.00179	.00083
#2	.01147	58.626	-.00298	-.00137	686.84	.00147	.00054
#3	.01143	59.227	-.00319	-.00149	681.44	.00161	.00067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.914	.00077	.17947	F 63.754	2.6592	-.02967	-.00502
Stddev	.126	.00013	.00893	.620	.0164	.00031	.00127
%RSD	.42182	17.247	4.9772	.97197	.61683	1.0589	25.352

#1	29.772	.00079	.18201	64.465	2.6611	-.02983	-.00600
#2	29.958	.00090	.18687	63.461	2.6746	-.02931	-.00358
#3	30.012	.00063	.16955	63.334	2.6419	-.02988	-.00546

Sample Name: K2033-02 Acquired: 3/22/2019 17:44:06 Type: Unk
 Method: P4-ICP2(v2973) 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	.01456	.0328	.60183	3.0278	F<.00000
Stddev	.00103	.0010	.00176	.1527	1.9448
%RSD	7.0558	3.177	.29216	5.0427	21.789

#1	.01365	.0336	.60349	3.1901	-7.5376
#2	.01436	.0316	.60200	3.0064	-8.0908
#3	.01567	.0331	.59999	2.8870	-11.148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.3	52411.	2324.5	33.475	3549.1
Stddev	37.6	228.	20.4	1.630	32.8
%RSD	1.1555	.43525	.87961	4.8703	.92462

#1	3208.0	52160.	2302.9	35.170	3511.4
#2	3275.6	52607.	2327.1	33.337	3564.4
#3	3270.2	52466.	2343.6	31.919	3571.4

Sample Name: K2033-03 Acquired: 3/22/2019 17:48:38 Type: Unk
Method: P4-ICP2(v2973) 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	-.00376	-.00243	-.00115	.00512	-.00790	.14553	.01868
Stddev	.00085	.00107	.00063	.00367	.00189	.00606	.00099
%RSD	22.511	43.904	54.763	71.675	23.939	4.1653	5.3161

#1	-.00311	-.00125	-.00106	.00249	-.01006	.14018	.01974
#2	-.00346	-.00270	-.00057	.00356	-.00654	.15212	.01777
#3	-.00472	-.00333	-.00182	.00931	-.00710	.14430	.01854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00032	48.731	-.00158	.00034	.00048	.01230
Stddev	.00012	.00016	.178	.00050	.00014	.00019	.00071
%RSD	362.16	50.779	.36473	31.713	42.193	39.778	5.7571

#1	.00007	-.00017	48.674	-.00200	.00043	.00057	.01312
#2	-.00000	-.00029	48.930	-.00103	.00042	.00060	.01186
#3	-.00016	-.00049	48.588	-.00170	.00017	.00026	.01193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01157	59.607	-.00288	-.00166	685.14	.00115	.00054
Stddev	.00019	.544	.00026	.00008	4.18	.00055	.00022
%RSD	1.6014	.91190	9.0783	4.7566	.60944	48.085	40.146

#1	.01152	59.209	-.00267	-.00158	683.31	.00151	.00038
#2	.01177	59.385	-.00317	-.00173	682.18	.00143	.00078
#3	.01141	60.226	-.00280	-.00166	689.91	.00051	.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.958	.00066	.16273	F 62.380	2.6605	-.02961	-.00563
Stddev	.048	.00012	.01165	.193	.0117	.00144	.00321
%RSD	.15950	17.573	7.1593	.30987	.44074	4.8527	57.088

#1	30.013	.00053	.16112	62.570	2.6661	-.03087	-.00222
#2	29.934	.00069	.15196	62.184	2.6684	-.02805	-.00608
#3	29.927	.00076	.17509	62.384	2.6470	-.02992	-.00860

Sample Name: K2033-03 Acquired: 3/22/2019 17:48:38 Type: Unk
Method: P4-ICP2(v2973) 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	.01305	.0327	.60449	3.0715	F<.00000
Stddev	.00032	.0004	.00596	.1427	1.6711
%RSD	2.4522	1.339	.98595	4.6447	22.092

#1	.01272	.0325	.60893	3.1125	-5.6534
#2	.01336	.0324	.60683	3.1892	-8.2863
#3	.01307	.0332	.59772	2.9129	-8.7527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.7	52642.	2330.3	34.466	3605.8
Stddev	6.6	53.	19.4	.854	7.7
%RSD	.20114	.10080	.83130	2.4775	.21263

#1	3302.3	52688.	2322.0	35.414	3604.0
#2	3290.2	52654.	2316.4	33.758	3614.3
#3	3291.5	52584.	2352.4	34.225	3599.3

Sample Name: K2033-04 Acquired: 3/22/2019 17:53:11 Type: Unk
Method: P4-ICP2(v2973) 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	-.00475	-.00045	-.00252	.00746	-.00697	.15547	.01818
Stddev	.00067	.00167	.00071	.00059	.00072	.01388	.00033
%RSD	14.101	370.91	28.376	7.9613	10.267	8.9287	1.8242

#1	-.00433	-.00092	-.00200	.00683	-.00760	.17148	.01842
#2	-.00553	-.00183	-.00333	.00801	-.00711	.14688	.01832
#3	-.00440	.00140	-.00222	.00752	-.00619	.14805	.01781

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00036	52.153	-.00193	.00048	.00070	.01027
Stddev	.00014	.00011	.309	.00032	.00021	.00020	.00066
%RSD	261.92	31.924	.59174	16.468	44.625	27.878	6.4511

#1	.00004	-.00043	51.808	-.00168	.00071	.00073	.01059
#2	.00001	-.00023	52.403	-.00182	.00029	.00089	.01071
#3	-.00021	-.00041	52.248	-.00229	.00042	.00050	.00951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01349	68.228	-.00322	-.00175	784.93	.00127	.00085
Stddev	.00007	.316	.00065	.00029	9.23	.00016	.00001
%RSD	.53116	.46363	20.054	16.517	1.1758	12.816	1.6556

#1	.01340	68.385	-.00248	-.00146	776.89	.00124	.00087
#2	.01352	67.863	-.00364	-.00203	795.01	.00144	.00085
#3	.01354	68.434	-.00355	-.00174	782.91	.00112	.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.394	.00092	.20466	F 71.509	2.5948	-.03245	-.00363
Stddev	.105	.00018	.00603	.296	.0237	.00058	.00225
%RSD	.30471	19.266	2.9487	.41334	.91146	1.7763	62.077

#1	34.456	.00074	.19780	71.844	2.5710	-.03298	-.00258
#2	34.273	.00093	.20912	71.285	2.6183	-.03253	-.00622
#3	34.453	.00109	.20707	71.399	2.5953	-.03184	-.00209

Sample Name: K2033-04 Acquired: 3/22/2019 17:53:11 Type: Unk
Method: P4-ICP2(v2973) 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	.01234	.0340	.67577	3.8877	F<.00000
Stddev	.00471	.0023	.00291	.3067	.99168
%RSD	38.154	6.663	.43116	7.8884	10.978

#1	.01205	.0350	.67290	4.0615	-9.7046
#2	.00778	.0355	.67872	3.5336	-9.5008
#3	.01718	.0314	.67570	4.0680	-7.8941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.5	52028.	2327.7	33.686	3554.8
Stddev	15.2	61.	19.9	.918	4.2
%RSD	.46658	.11692	.85521	2.7247	.11851

#1	3284.0	52010.	2347.7	33.735	3551.1
#2	3259.3	52096.	2307.9	34.579	3559.4
#3	3256.1	51979.	2327.3	32.745	3553.9

Sample Name: K2033-05 Acquired: 3/22/2019 17:57:43 Type: Unk
Method: P4-ICP2(v2973) 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	-.00428	-.00153	-.00010	.00714	-.00665	.13256	.01850
Stddev	.00180	.00253	.00192	.00275	.00249	.01364	.00068
%RSD	42.015	165.60	1899.0	38.518	37.436	10.293	3.6965

#1	-.00447	-.00216	.00203	.00402	-.00392	.11803	.01781
#2	-.00240	.00126	-.00061	.00819	-.00723	.13456	.01918
#3	-.00598	-.00369	-.00172	.00922	-.00879	.14510	.01852

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00034	52.331	-.00184	.00082	.00098	.00874
Stddev	.00017	.00007	.207	.00027	.00020	.00024	.00049
%RSD	170.76	20.679	.39468	14.645	24.029	24.665	5.6518

#1	-.00025	-.00039	52.521	-.00214	.00083	.00082	.00928
#2	.00008	-.00026	52.360	-.00172	.00102	.00126	.00833
#3	-.00013	-.00038	52.111	-.00165	.00062	.00087	.00860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01355	67.975	-.00307	-.00172	772.30	.00150	.00047
Stddev	.00013	.640	.00029	.00014	4.74	.00034	.00019
%RSD	.97271	.94180	9.3608	7.9518	.61382	22.538	41.064

#1	.01365	68.464	-.00339	-.00183	775.26	.00167	.00033
#2	.01361	68.210	-.00284	-.00157	774.81	.00172	.00040
#3	.01340	67.250	-.00297	-.00177	766.84	.00111	.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.349	.00123	.21516	F 71.422	2.6294	-.03300	-.00547
Stddev	.121	.00036	.01912	.098	.0060	.00110	.00244
%RSD	.35231	29.485	8.8888	.13687	.22676	3.3205	44.602

#1	34.376	.00096	.21369	71.349	2.6239	-.03426	-.00655
#2	34.455	.00164	.23497	71.534	2.6287	-.03246	-.00268
#3	34.217	.00109	.19681	71.384	2.6357	-.03228	-.00719

Sample Name: K2033-05 Acquired: 3/22/2019 17:57:43 Type: Unk
 Method: P4-ICP2(v2973) 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	.01767	.0346	.67175	3.7487	F<.00000
Stddev	.00549	.0015	.00291	.1453	1.4238
%RSD	31.078	4.301	.43340	3.8754	14.416
#1	.02318	.0339	.67042	3.6286	-10.944
#2	.01761	.0363	.66974	3.7074	-10.427
#3	.01220	.0336	.67509	3.9102	-8.2601
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.1	52021.	2321.0	35.684	3551.1
Stddev	3.3	81.	10.1	2.693	4.7
%RSD	.10116	.15557	.43663	7.5457	.13290
#1	3262.2	51927.	2319.6	34.193	3555.9
#2	3261.9	52065.	2331.8	38.792	3546.4
#3	3256.3	52070.	2311.7	34.066	3551.0

Sample Name: K2033-06 Acquired: 3/22/2019 18:02:16 Type: Unk
Method: P4-ICP2(v2973) 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	-.00357	-.00164	-.00006	.00913	-.00575	.15734	.01869
Stddev	.00065	.00158	.00061	.00031	.00206	.00840	.00069
%RSD	18.196	96.128	1104.7	3.4087	35.872	5.3372	3.7179

#1	-.00296	-.00109	-.00025	.00948	-.00539	.15443	.01825
#2	-.00425	-.00041	-.00054	.00897	-.00389	.15079	.01949
#3	-.00349	-.00343	.00063	.00892	-.00797	.16681	.01834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00028	51.450	-.00212	.00065	.00051	.00929
Stddev	.00017	.00009	.135	.00065	.00005	.00043	.00075
%RSD	214.33	31.300	.26229	30.942	7.1927	82.936	8.0367

#1	-.00020	-.00019	51.491	-.00159	.00070	.00008	.00848
#2	.00011	-.00036	51.560	-.00191	.00064	.00093	.00995
#3	-.00015	-.00029	51.299	-.00285	.00061	.00053	.00943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01382	66.375	-.00314	-.00180	755.69	.00129	.00052
Stddev	.00024	.970	.00034	.00025	2.76	.00038	.00019
%RSD	1.7092	1.4608	10.765	14.019	.36487	29.168	37.474

#1	.01368	66.678	-.00290	-.00206	758.85	.00103	.00031
#2	.01369	65.290	-.00353	-.00156	754.45	.00111	.00055
#3	.01409	67.157	-.00299	-.00177	753.77	.00172	.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.528	.00079	.19394	F 69.765	2.6318	-.03174	-.00540
Stddev	.128	.00034	.00941	.075	.0341	.00046	.00130
%RSD	.38268	43.512	4.8536	.10684	1.2948	1.4523	24.001

#1	33.575	.00102	.19341	69.748	2.6144	-.03186	-.00610
#2	33.383	.00096	.18481	69.846	2.6711	-.03123	-.00620
#3	33.626	.00039	.20361	69.699	2.6100	-.03213	-.00390

Sample Name: K2033-06 Acquired: 3/22/2019 18:02:16 Type: Unk
Method: P4-ICP2(v2973) 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	.01673	.0331	.65899	3.6867	F<.00000
Stddev	.00060	.0025	.00618	.2330	.74415
%RSD	3.5942	7.614	.93771	6.3213	8.3344
#1	.01699	.0318	.65776	3.5554	-8.1997
#2	.01604	.0314	.66569	3.5488	-8.8992
#3	.01714	.0360	.65352	3.9557	-9.6871
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.3	52179.	2313.1	33.556	3569.7
Stddev	18.8	243.	20.8	1.371	9.7
%RSD	.57215	.46499	.90022	4.0859	.27294
#1	3281.9	52136.	2310.6	33.291	3579.4
#2	3262.2	52440.	2293.6	32.336	3569.8
#3	3299.8	51960.	2335.0	35.040	3559.9

Sample Name: CCV05 Acquired: 3/22/2019 18:06:49 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9365	5.2756	5.0745	4.9812	4.9570	9.6879	F 8.8394	.26183
Stddev	.0098	.0194	.0074	.0079	.0147	.0978	.0382	.00021
%RSD	.19746	.36759	.14593	.15901	.29642	1.0099	.43204	.08210
#1	4.9368	5.2882	5.0828	4.9887	4.9732	9.5796	8.8185	.26160
#2	4.9265	5.2854	5.0723	4.9820	4.9534	9.7697	8.8835	.26203
#3	4.9460	5.2533	5.0685	4.9729	4.9445	9.7145	8.8163	.26185
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5383	26.126	1.0644	2.5532	1.2485	5.1236	2.4826	F 19.802
Stddev	.0063	.246	.0019	.0053	.0009	.0013	.0015	.167
%RSD	.24886	.94009	.17581	.20756	.06881	.02487	.06017	.84415
#1	2.5449	25.969	1.0665	2.5589	1.2494	5.1238	2.4809	19.683
#2	2.5377	25.999	1.0635	2.5523	1.2485	5.1223	2.4837	19.993
#3	2.5323	26.409	1.0631	2.5484	1.2477	5.1248	2.4832	19.729
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5306	1.2511	26.084	2.6296	2.4616	24.586	4.9498	F 3.0295
Stddev	.0047	.0026	.137	.0008	.0020	.241	.0084	.0162
%RSD	.18697	.20682	.52404	.03112	.08161	.97942	.16980	.53306
#1	2.5360	1.2535	26.017	2.6287	2.4626	24.363	4.9576	3.0109
#2	2.5279	1.2514	26.241	2.6302	2.4630	24.841	4.9409	3.0400
#3	2.5278	1.2483	25.994	2.6300	2.4593	24.553	4.9508	3.0377
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0591	F 6.7693	5.0596	4.8728	F 6.4579	5.175	5.4448	F 2.7286
Stddev	.0254	.0390	.0067	.0187	.0292	.002	.0239	.1459
%RSD	.50136	.57552	.13314	.38428	.45220	.0414	.43807	5.3452
#1	5.0416	6.7902	5.0557	4.8666	6.4885	5.173	5.4680	2.7992
#2	5.0882	6.7243	5.0674	4.8580	6.4303	5.177	5.4203	2.5609
#3	5.0475	6.7933	5.0557	4.8939	6.4550	5.174	5.4461	2.8258

Sample Name: CCV05 Acquired: 3/22/2019 18:06:49 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 8.3559
Stddev .6219
%RSD 7.4425

#1 9.0017
#2 7.7611
#3 8.3050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.0	54830.	2276.2	31.721	3797.8
Stddev	15.2	206.	17.2	1.053	19.6
%RSD	.44597	.37512	.75647	3.3179	.51669

#1	3392.6	54764.	2257.7	32.892	3780.3
#2	3408.4	54666.	2291.7	31.418	3794.2
#3	3422.9	55061.	2279.3	30.854	3819.0

Sample Name: CCB05 Acquired: 3/22/2019 18:10:47 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00585	-.00053	F -.00683	-.00061	.00185	F .03241	.00540
Stddev	.00522	.00121	.00072	.00156	.00223	.00279	.00011
%RSD	89.249	228.19	10.529	256.74	120.33	8.6124	2.0909

#1	-.01053	-.00193	-.00643	.00118	.00432	.03483	.00540
#2	-.00022	.00019	-.00641	-.00169	.00000	.03304	.00530
#3	-.00679	.00015	-.00767	-.00130	.00123	.02936	.00552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00029	.00044	-.00030	.00045	-.00156	-.00090
Stddev	.00003	.00008	.03281	.00029	.00015	.00038	.00039
%RSD	103.34	27.123	7520.4	96.728	33.679	24.084	43.105

#1	.00000	-.00036	-.03192	-.00001	.00028	-.00196	-.00099
#2	-.00004	-.00030	-.00047	-.00059	.00052	-.00150	-.00123
#3	-.00005	-.00020	.03369	-.00029	.00056	-.00122	-.00047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.03414	.00099	-.00210	F 1.0894	.00042	-.00048
Stddev	.00005	.08374	.00036	.00047	.0197	.00041	.00005
%RSD	58.806	245.26	36.610	22.380	1.8060	98.093	11.271

#1	-.00003	-.06247	.00065	-.00159	1.1121	.00070	-.00046
#2	-.00014	.07895	.00137	-.00252	1.0765	-.00005	-.00054
#3	-.00011	.08595	.00097	-.00217	1.0797	.00061	-.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .72264	.00080	.00227	-.00582	.00836	-.00353	-.00042
Stddev	.00681	.00017	.00406	.00569	.00041	.00099	.00100
%RSD	.94189	21.075	178.71	97.813	4.8753	28.136	236.10

#1	.71687	.00091	.00646	-.00023	.00802	-.00298	.00010
#2	.72089	.00089	-.00165	-.00561	.00881	-.00467	.00020
#3	.73015	.00061	.00202	-.01161	.00825	-.00293	-.00158

Sample Name: CCB05 Acquired: 3/22/2019 18:10:47 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01104	-.0013	.00008	F .76071	F 5.0628
Stddev	.00180	.0012	.00002	.20500	.6818
%RSD	16.351	89.74	24.441	26.949	13.466
#1	.00983	-.0019	.00010	.94032	5.5623
#2	.01017	.0000	.00006	.80444	5.3401
#3	.01311	-.0020	.00007	.53737	4.2861
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.0	57494.	2310.0	35.495	4303.2
Stddev	15.4	42.	21.5	.491	12.8
%RSD	.43332	.07251	.93180	1.3836	.29640
#1	3526.3	57466.	2333.8	35.536	4293.7
#2	3553.3	57475.	2291.8	34.984	4317.7
#3	3552.4	57542.	2304.4	35.964	4298.2

Sample Name: K2034-01 Acquired: 3/22/2019 18:15:16 Type: Unk
Method: P4-ICP2(v2973) 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	-.00311	-.00052	.00186	.00992	-.00779	.24408	.01898
Stddev	.00150	.00201	.00132	.00312	.00171	.00764	.00107
%RSD	48.365	385.96	71.127	31.459	21.942	3.1289	5.6305

#1	-.00471	-.00084	.00179	.01350	-.00713	.23754	.02010
#2	-.00290	-.00235	.00322	.00856	-.00650	.24224	.01797
#3	-.00172	.00163	.00058	.00772	-.00973	.25247	.01886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00041	90.878	-.00350	.00094	.00156	.00932
Stddev	.00006	.00015	.455	.00050	.00035	.00024	.00045
%RSD	39.477	38.106	.50071	14.296	37.168	15.328	4.7765

#1	-.00021	-.00057	91.328	-.00345	.00071	.00149	.00880
#2	-.00011	-.00026	90.888	-.00302	.00077	.00136	.00957
#3	-.00012	-.00039	90.418	-.00402	.00135	.00182	.00957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01576	169.66	-.00548	-.00214	F 1860.1	.00116	.00132
Stddev	.00010	1.40	.00060	.00048	10.1	.00061	.00009
%RSD	.64208	.82328	11.017	22.295	.54284	52.145	6.7299

#1	.01565	168.06	-.00611	-.00258	1851.5	.00065	.00124
#2	.01580	170.64	-.00491	-.00163	1871.2	.00183	.00142
#3	.01584	170.27	-.00541	-.00221	1857.6	.00100	.00130

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	85.725	.00212	.50241	F 177.24	2.1840	-.07099	-.00407
Stddev	.744	.00002	.00456	.18	.0147	.00061	.00190
%RSD	.86810	1.1017	.90808	.10276	.67219	.86541	46.627

#1	84.880	.00212	.49845	177.34	2.2002	-.07131	-.00564
#2	86.281	.00210	.50138	177.03	2.1716	-.07028	-.00196
#3	86.014	.00215	.50740	177.34	2.1801	-.07137	-.00460

Sample Name: K2034-01 Acquired: 3/22/2019 18:15:16 Type: Unk
 Method: P4-ICP2(v2973) 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	.04706	.0460	1.4680	6.4351	F<.00000
Stddev	.00184	.0020	.0037	.1010	1.6394
%RSD	3.9007	4.398	.25090	1.5698	11.156
#1	.04525	.0473	1.4721	6.4793	-12.822
#2	.04699	.0437	1.4670	6.3195	-15.392
#3	.04892	.0471	1.4650	6.5065	-15.870
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.1	48637.	2261.6	32.381	3236.2
Stddev	8.8	311.	4.9	.845	7.2
%RSD	.28582	.63890	.21821	2.6097	.22317
#1	3071.8	48986.	2257.1	32.033	3229.4
#2	3055.0	48389.	2266.9	31.766	3243.7
#3	3059.4	48536.	2260.9	33.345	3235.4

Sample Name: K2034-02 Acquired: 3/22/2019 18:19:50 Type: Unk
Method: P4-ICP2(v2973) 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	-.00510	-.00263	-.00056	.00772	-.00670	.18315	.02016
Stddev	.00305	.00066	.00038	.00030	.00143	.00784	.00054
%RSD	59.840	25.177	68.010	3.8418	21.281	4.2828	2.7013

#1	-.00725	-.00336	-.00095	.00770	-.00763	.18751	.01959
#2	-.00161	-.00207	-.00018	.00743	-.00741	.17409	.02021
#3	-.00643	-.00246	-.00057	.00802	-.00506	.18785	.02068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00039	64.232	-.00228	.00101	.00160	.01339
Stddev	.00005	.00006	.017	.00049	.00035	.00028	.00059
%RSD	240.52	14.481	.02701	21.419	34.661	17.625	4.4111

#1	-.00000	-.00044	64.214	-.00175	.00082	.00152	.01274
#2	.00007	-.00033	64.233	-.00271	.00142	.00137	.01355
#3	-.00001	-.00039	64.248	-.00237	.00080	.00192	.01389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01363	97.971	-.00332	-.00204	1097.7	.00127	.00130
Stddev	.00016	.411	.00021	.00032	8.9	.00045	.00007
%RSD	1.1407	.41934	6.2968	15.851	.80897	35.792	5.4693

#1	.01371	97.953	-.00344	-.00238	1100.3	.00148	.00138
#2	.01374	98.390	-.00344	-.00173	1105.0	.00075	.00125
#3	.01346	97.569	-.00308	-.00199	1087.8	.00158	.00127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.234	.00108	.28352	F 103.69	2.4304	-.04426	-.00719
Stddev	.260	.00007	.00320	.71	.0093	.00018	.00228
%RSD	.51763	6.3631	1.1271	.68714	.38344	.41141	31.677

#1	49.961	.00112	.27986	102.87	2.4317	-.04421	-.00517
#2	50.262	.00100	.28493	104.15	2.4389	-.04446	-.00966
#3	50.478	.00112	.28577	104.05	2.4205	-.04410	-.00674

Sample Name: K2034-02 Acquired: 3/22/2019 18:19:50 Type: Unk
 Method: P4-ICP2(v2973) 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	.02503	.0362	.92386	4.3954	F<.00000
Stddev	.00119	.0001	.00198	.3340	.99102
%RSD	4.7401	.3872	.21392	7.5990	8.2041

#1	.02396	.0361	.92334	4.4016	-11.378
#2	.02483	.0362	.92220	4.0583	-13.213
#3	.02631	.0364	.92605	4.7262	-11.648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.6	51409.	2315.1	34.584	3463.0
Stddev	6.4	94.	7.0	1.950	17.9
%RSD	.19800	.18316	.30333	5.6384	.51589

#1	3214.0	51516.	2310.1	35.489	3482.1
#2	3226.6	51376.	2323.1	35.918	3460.4
#3	3218.3	51337.	2312.1	32.346	3446.6

Sample Name: K2034-03 Acquired: 3/22/2019 18:24:24 Type: Unk
 Method: P4-ICP2(v2973) 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	-.00450	-.00074	-.00085	.00653	-.00769	.16798	.02001
Stddev	.00029	.00183	.00197	.00173	.00141	.02153	.00127
%RSD	6.5258	245.76	231.20	26.463	18.362	12.814	6.3625

#1	-.00457	-.00042	.00139	.00834	-.00930	.14391	.02148
#2	-.00417	-.00272	-.00234	.00490	-.00711	.17466	.01934
#3	-.00474	.00090	-.00161	.00634	-.00666	.18537	.01921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00035	58.144	-.00209	.00057	.00121	.01418
Stddev	.00008	.00007	.445	.00024	.00015	.00041	.00094
%RSD	1764.0	18.740	.76501	11.312	26.208	34.248	6.6081

#1	.00008	-.00040	58.604	-.00197	.00050	.00120	.01525
#2	-.00008	-.00037	57.716	-.00194	.00047	.00080	.01348
#3	-.00001	-.00028	58.112	-.00236	.00074	.00163	.01382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01340	84.016	-.00384	-.00221	947.04	.00140	.00189
Stddev	.00016	.869	.00059	.00020	4.49	.00052	.00007
%RSD	1.2153	1.0342	15.425	9.1354	.47370	36.876	3.7471

#1	.01343	83.310	-.00351	-.00241	950.00	.00195	.00181
#2	.01323	83.751	-.00452	-.00201	941.88	.00092	.00191
#3	.01355	84.986	-.00348	-.00221	949.25	.00134	.00194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.615	.00122	.24782	F 88.828	2.4900	-.03884	-.00490
Stddev	.143	.00030	.00947	.273	.0196	.00058	.00305
%RSD	.33449	24.342	3.8211	.30679	.78508	1.4925	62.123

#1	42.775	.00108	.25135	88.543	2.5108	-.03883	-.00520
#2	42.501	.00157	.25502	88.854	2.4721	-.03826	-.00172
#3	42.569	.00103	.23709	89.087	2.4872	-.03942	-.00779

Sample Name: K2034-03 Acquired: 3/22/2019 18:24:24 Type: Unk
 Method: P4-ICP2(v2973) 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	.02011	.0331	.79875	4.0657	F<.00000
Stddev	.00091	.0011	.00973	.2544	1.0346
%RSD	4.5129	3.453	1.2181	6.2579	9.4451

#1	.01967	.0324	.80980	3.9960	-9.9289
#2	.01951	.0344	.79497	4.3476	-11.998
#3	.02115	.0324	.79147	3.8533	-10.936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.8	51953.	2331.5	34.168	3494.6
Stddev	2.1	134.	24.9	1.170	10.4
%RSD	.06359	.25854	1.0667	3.4239	.29823

#1	3225.5	51976.	2302.8	35.167	3506.6
#2	3229.2	52075.	2343.8	32.881	3489.6
#3	3228.8	51809.	2347.7	34.456	3487.6

Sample Name: K2034-04 Acquired: 3/22/2019 18:28:58 Type: Unk
Method: P4-ICP2(v2973) 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	-.00114	-.00124	-.00023	.00822	-.00646	.17718	.01983
Stddev	.00207	.00074	.00072	.00077	.00188	.02311	.00119
%RSD	182.09	59.168	315.27	9.4059	29.041	13.041	6.0201

#1	.00078	-.00159	-.00085	.00912	-.00557	.16639	.02038
#2	-.00085	-.00040	-.00040	.00779	-.00861	.16145	.01846
#3	-.00334	-.00174	.00057	.00777	-.00519	.20371	.02064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00039	58.925	-.00200	.00066	.00114	.01169
Stddev	.00012	.00014	.136	.00034	.00027	.00034	.00060
%RSD	122.19	35.097	.23042	17.124	41.461	29.820	5.0919

#1	-.00024	-.00024	58.838	-.00236	.00048	.00094	.01228
#2	-.00001	-.00044	58.857	-.00198	.00097	.00096	.01171
#3	-.00005	-.00050	59.082	-.00167	.00052	.00154	.01109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01318	83.987	-.00403	-.00194	946.37	.00102	.00163
Stddev	.00012	.708	.00041	.00026	7.74	.00027	.00004
%RSD	.90779	.84328	10.209	13.231	.81829	26.616	2.7111

#1	.01322	83.884	-.00407	-.00208	942.87	.00110	.00159
#2	.01328	84.742	-.00360	-.00211	955.25	.00124	.00163
#3	.01305	83.336	-.00442	-.00165	941.00	.00071	.00168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.923	.00127	.24360	F 89.140	2.5228	-.03954	-.00438
Stddev	.131	.00029	.01068	.102	.0066	.00123	.00168
%RSD	.30551	23.148	4.3854	.11473	.26176	3.1125	38.445

#1	42.822	.00161	.23250	89.023	2.5303	-.03842	-.00330
#2	42.876	.00105	.25381	89.187	2.5203	-.04086	-.00632
#3	43.071	.00117	.24447	89.210	2.5178	-.03933	-.00352

Sample Name: K2034-04 Acquired: 3/22/2019 18:28:58 Type: Unk
 Method: P4-ICP2(v2973) 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	.02195	.0335	.80627	4.6166	F<.00000
Stddev	.00268	.0023	.00563	.2174	.52184
%RSD	12.204	6.925	.69867	4.7085	5.0197

#1	.01953	.0349	.80730	4.6147	-10.570
#2	.02148	.0347	.80020	4.4001	-10.808
#3	.02482	.0308	.81132	4.8349	-9.8093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.5	51723.	2295.7	34.387	3474.3
Stddev	4.4	153.	19.8	1.573	5.4
%RSD	.13827	.29528	.86117	4.5728	.15653

#1	3215.5	51833.	2295.5	35.128	3480.5
#2	3212.2	51787.	2315.6	32.581	3471.7
#3	3206.7	51549.	2276.1	35.452	3470.5

Sample Name: K2034-05 Acquired: 3/22/2019 18:33:30 Type: Unk
Method: P4-ICP2(v2973) 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	-.00466	-.00068	.00372	.00768	-.00453	.55437	.02275
Stddev	.00313	.00091	.00147	.00059	.00102	.01832	.00079
%RSD	67.147	134.14	39.386	7.7398	22.435	3.3053	3.4507

#1	-.00112	-.00162	.00241	.00815	-.00340	.54688	.02307
#2	-.00705	.00020	.00530	.00701	-.00481	.54097	.02332
#3	-.00581	-.00062	.00344	.00788	-.00537	.57525	.02185

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00039	56.424	-.00087	.00112	.00312	1.0319
Stddev	.00008	.00009	.068	.00061	.00029	.00019	.0024
%RSD	171.33	22.351	.12135	69.635	26.190	5.9801	.23749

#1	.00009	-.00046	56.469	-.00116	.00139	.00295	1.0293
#2	.00010	-.00040	56.457	-.00017	.00114	.00332	1.0321
#3	-.00005	-.00029	56.345	-.00128	.00081	.00309	1.0342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11601	77.544	-.00312	-.00199	874.65	.00181	.00928
Stddev	.00054	.897	.00029	.00034	3.05	.00032	.00015
%RSD	.46807	1.1565	9.2619	17.177	.34914	17.453	1.6386

#1	.11539	76.615	-.00295	-.00236	871.76	.00209	.00916
#2	.11642	77.612	-.00345	-.00192	874.35	.00187	.00945
#3	.11620	78.404	-.00295	-.00169	877.84	.00147	.00923

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.611	.00088	.23236	F 83.029	3.2452	-.03594	.00575
Stddev	.357	.00023	.00782	.056	.0279	.00019	.00351
%RSD	.90216	26.235	3.3636	.06715	.85935	.53589	61.102

#1	39.206	.00067	.22340	83.013	3.2773	-.03573	.00463
#2	39.747	.00084	.23777	82.983	3.2314	-.03610	.00294
#3	39.880	.00112	.23592	83.091	3.2269	-.03600	.00969

Sample Name: K2034-05 Acquired: 3/22/2019 18:33:30 Type: Unk
Method: P4-ICP2(v2973) 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	.01930	.1138	.76108	4.3732	F<.00000
Stddev	.00296	.0011	.00184	.0786	.72621
%RSD	15.350	.9890	.24175	1.7984	8.1321

#1	.02170	.1139	.76316	4.3702	-9.7556
#2	.02021	.1148	.75967	4.2961	-8.6454
#3	.01599	.1126	.76042	4.4533	-8.3894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3246.6	52193.	2290.0	34.838	3512.6
Stddev	7.2	216.	15.4	.637	2.0
%RSD	.22174	.41370	.67194	1.8281	.05727

#1	3249.9	52365.	2272.3	35.566	3512.0
#2	3238.3	52262.	2300.1	34.384	3510.9
#3	3251.5	51951.	2297.6	34.565	3514.8

Sample Name: K2035-11 Acquired: 3/22/2019 18:38:00 Type: Unk
Method: P4-ICP2(v2973) 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	-.00372	-.00166	-.00073	.00681	-.00428	.16802	.01866
Stddev	.00138	.00049	.00043	.00117	.00261	.00608	.00147
%RSD	36.933	29.508	59.139	17.220	60.871	3.6187	7.8940

#1	-.00309	-.00207	-.00052	.00720	-.00261	.17293	.01956
#2	-.00530	-.00112	-.00044	.00774	-.00295	.16122	.01947
#3	-.00278	-.00180	-.00123	.00549	-.00728	.16990	.01696

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00036	56.714	-.00233	.00067	.00118	.00975
Stddev	.00007	.00012	.146	.00060	.00024	.00033	.00059
%RSD	41.087	32.420	.25831	25.586	34.980	28.026	6.0660

#1	-.00016	-.00048	56.575	-.00282	.00047	.00135	.00917
#2	-.00009	-.00025	56.867	-.00167	.00093	.00139	.01036
#3	-.00022	-.00036	56.701	-.00250	.00062	.00080	.00973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01340	79.549	-.00387	-.00215	898.40	.00100	.00078
Stddev	.00017	.823	.00056	.00036	2.22	.00026	.00009
%RSD	1.2409	1.0346	14.526	16.816	.24667	25.606	11.521

#1	.01343	79.084	-.00408	-.00192	900.95	.00109	.00067
#2	.01355	79.062	-.00429	-.00256	897.31	.00121	.00083
#3	.01322	80.499	-.00323	-.00196	896.94	.00072	.00083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.830	.00142	.24162	F 86.057	2.5406	-.03795	-.00635
Stddev	.141	.00015	.00252	1.890	.0314	.00083	.00272
%RSD	.34527	10.904	1.0420	2.1963	1.2357	2.1884	42.866

#1	40.779	.00149	.23961	85.110	2.5494	-.03742	-.00935
#2	40.721	.00151	.24081	88.233	2.5667	-.03891	-.00403
#3	40.989	.00124	.24445	84.828	2.5058	-.03752	-.00568

Sample Name: K2035-11 Acquired: 3/22/2019 18:38:00 Type: Unk
 Method: P4-ICP2(v2973) 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	.01956	.0343	.77098	3.8806	F<.00000
Stddev	.00169	.0027	.00097	.5192	1.2651
%RSD	8.6519	7.900	.12588	13.378	13.542
#1	.02136	.0323	.77148	3.4694	-8.1317
#2	.01932	.0374	.77160	3.7085	-10.655
#3	.01800	.0331	.76986	4.4640	-9.2388
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.5	53056.	2320.8	35.737	3533.0
Stddev	52.5	141.	11.3	1.847	62.3
%RSD	1.6133	.26548	.48486	5.1693	1.7623
#1	3288.5	53135.	2321.4	35.269	3561.1
#2	3194.0	53139.	2309.2	37.773	3461.6
#3	3281.0	52893.	2331.7	34.168	3576.2

Sample Name: K2035-12 Acquired: 3/22/2019 18:42:33 Type: Unk
Method: P4-ICP2(v2973) 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	-.00283	-.00274	-.00205	.00710	-.00805	.17791	.01959
Stddev	.00324	.00201	.00042	.00114	.00221	.03425	.00049
%RSD	114.54	73.404	20.447	16.100	27.401	19.251	2.4794

#1	-.00475	-.00171	-.00165	.00689	-.00802	.21242	.02007
#2	-.00465	-.00505	-.00249	.00833	-.00586	.14392	.01910
#3	.00091	-.00145	-.00202	.00607	-.01027	.17740	.01961

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00042	57.453	-.00156	.00078	.00061	.00844
Stddev	.00012	.00003	.159	.00003	.00021	.00039	.00007
%RSD	5187.9	8.0130	.27667	1.9460	27.449	63.856	.81434

#1	.00012	-.00040	57.472	-.00157	.00077	.00057	.00850
#2	-.00001	-.00046	57.602	-.00153	.00099	.00102	.00836
#3	-.00011	-.00040	57.286	-.00158	.00057	.00024	.00846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01341	80.350	-.00380	-.00203	897.96	.00144	.00060
Stddev	.00010	.809	.00033	.00048	5.36	.00034	.00016
%RSD	.73589	1.0065	8.7491	23.518	.59725	23.617	25.845

#1	.01339	81.220	-.00409	-.00148	904.08	.00164	.00057
#2	.01351	79.621	-.00387	-.00233	894.08	.00105	.00077
#3	.01332	80.209	-.00344	-.00227	895.71	.00164	.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.180	.00106	.23259	F 85.902	2.5748	-.03728	-.00219
Stddev	.101	.00045	.01149	.195	.0217	.00051	.00468
%RSD	.24461	42.220	4.9403	.22659	.84227	1.3631	213.29

#1	41.067	.00074	.22410	86.014	2.5589	-.03674	-.00496
#2	41.215	.00158	.22799	86.014	2.5996	-.03775	-.00483
#3	41.259	.00088	.24566	85.677	2.5660	-.03735	.00321

Sample Name: K2035-12 Acquired: 3/22/2019 18:42:33 Type: Unk
 Method: P4-ICP2(v2973) 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	.02000	.0335	.77900	4.5296	F<.00000
Stddev	.00167	.0006	.00773	.1971	.85474
%RSD	8.3252	1.765	.99280	4.3525	8.7012

#1	.02036	.0332	.77293	4.3282	-9.1611
#2	.02146	.0342	.78771	4.7222	-9.5205
#3	.01819	.0331	.77637	4.5385	-10.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.6	52411.	2283.5	34.835	3523.0
Stddev	2.2	196.	13.3	.311	6.0
%RSD	.06677	.37433	.58303	.89198	.17156

#1	3243.4	52185.	2292.6	35.070	3517.9
#2	3241.6	52504.	2268.2	34.483	3521.3
#3	3245.9	52542.	2289.7	34.954	3529.7

Sample Name: K2035-13 Acquired: 3/22/2019 18:47:06 Type: Unk
Method: P4-ICP2(v2973) 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	-.00336	-.00195	-.00079	.00829	-.00610	.16623	.01934
Stddev	.00274	.00098	.00075	.00057	.00029	.00793	.00124
%RSD	81.361	50.364	95.007	6.8581	4.8252	4.7711	6.4016

#1	-.00027	-.00102	-.00164	.00880	-.00644	.17018	.01880
#2	-.00545	-.00298	-.00052	.00768	-.00593	.15710	.01845
#3	-.00437	-.00185	-.00021	.00841	-.00594	.17142	.02075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00044	57.711	-.00190	.00049	.00114	.00912
Stddev	.00003	.00009	.236	.00008	.00011	.00040	.00067
%RSD	27.291	20.510	.40963	4.4467	22.074	35.313	7.3173

#1	-.00016	-.00036	57.438	-.00181	.00044	.00161	.00893
#2	-.00010	-.00042	57.841	-.00190	.00061	.00093	.00856
#3	-.00012	-.00053	57.853	-.00198	.00041	.00088	.00986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01335	79.728	-.00397	-.00221	893.76	.00167	.00139
Stddev	.00009	.778	.00036	.00043	7.00	.00059	.00007
%RSD	.65957	.97592	9.0234	19.308	.78333	35.245	4.8803

#1	.01340	80.219	-.00437	-.00251	899.07	.00103	.00136
#2	.01340	78.831	-.00386	-.00172	896.38	.00219	.00146
#3	.01325	80.135	-.00368	-.00240	885.82	.00178	.00133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.901	.00118	.23620	F 86.734	2.6050	-.03861	-.00335
Stddev	.161	.00017	.00755	.062	.0353	.00083	.00080
%RSD	.39266	14.054	3.1947	.07151	1.3554	2.1623	23.827

#1	40.995	.00118	.23549	86.730	2.5653	-.03940	-.00243
#2	40.716	.00101	.22903	86.675	2.6329	-.03868	-.00377
#3	40.992	.00134	.24407	86.799	2.6168	-.03773	-.00386

Sample Name: K2035-13 Acquired: 3/22/2019 18:47:06 Type: Unk
 Method: P4-ICP2(v2973) 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	.02084	.0352	.78211	4.9334	F<.00000
Stddev	.00351	.0025	.00597	.2027	.66320
%RSD	16.849	7.027	.76277	4.1083	6.3515
#1	.01729	.0325	.77550	4.7195	-9.7885
#2	.02093	.0374	.78375	4.9581	-11.114
#3	.02431	.0358	.78708	5.1226	-10.422
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.5	52901.	2275.7	33.638	3523.2
Stddev	21.4	73.	27.3	1.502	5.5
%RSD	.65850	.13768	1.1979	4.4646	.15707
#1	3273.8	52858.	2307.1	34.827	3526.9
#2	3233.4	52985.	2258.1	31.950	3525.8
#3	3241.2	52860.	2261.8	34.136	3516.8

Sample Name: K2035-14 Acquired: 3/22/2019 18:51:38 Type: Unk
Method: P4-ICP2(v2973) 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	-.00258	-.00258	-.00091	.01019	-.00598	.16411	.01850
Stddev	.00343	.00036	.00045	.00391	.00198	.01168	.00037
%RSD	132.80	13.797	50.095	38.337	33.099	7.1197	2.0143

#1	-.00165	-.00219	-.00112	.01299	-.00388	.16516	.01808
#2	.00029	-.00288	-.00121	.00573	-.00625	.15193	.01879
#3	-.00639	-.00268	-.00038	.01186	-.00781	.17523	.01862

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00032	60.576	-.00195	.00064	.00125	.00929
Stddev	.00015	.00007	.282	.00023	.00022	.00035	.00030
%RSD	793.40	20.386	.46505	11.756	34.661	28.249	3.2368

#1	-.00003	-.00025	60.886	-.00214	.00089	.00137	.00956
#2	-.00017	-.00037	60.335	-.00201	.00047	.00086	.00934
#3	.00014	-.00035	60.508	-.00170	.00055	.00153	.00896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01503	86.776	-.00435	-.00220	965.67	.00136	.00284
Stddev	.00005	.530	.00034	.00066	9.11	.00031	.00013
%RSD	.32340	.61116	7.7412	30.026	.94305	22.496	4.6495

#1	.01500	86.680	-.00464	-.00253	976.10	.00162	.00269
#2	.01509	86.300	-.00443	-.00264	961.56	.00102	.00294
#3	.01501	87.347	-.00398	-.00144	959.33	.00144	.00289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.607	.00104	.26165	F 94.681	2.6022	-.04098	-.00725
Stddev	.027	.00027	.00918	.095	.0135	.00061	.00417
%RSD	.06129	25.811	3.5067	.10049	.51957	1.4764	57.505

#1	44.611	.00076	.25821	94.787	2.6081	-.04168	-.01012
#2	44.578	.00129	.25469	94.653	2.6117	-.04063	-.00918
#3	44.632	.00108	.27204	94.604	2.5867	-.04064	-.00247

Sample Name: K2035-14 Acquired: 3/22/2019 18:51:38 Type: Unk
Method: P4-ICP2(v2973) 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	.02155	.0365	.84073	5.2103	F<.00000
Stddev	.00296	.0020	.00632	.2814	.20076
%RSD	13.744	5.451	.75146	5.4015	1.9694

#1	.02198	.0345	.84798	5.2885	-10.426
#2	.02427	.0364	.83781	4.8981	-10.070
#3	.01840	.0385	.83641	5.4444	-10.087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.3	52363.	2261.7	34.936	3473.4
Stddev	8.3	73.	14.3	1.397	10.6
%RSD	.25898	.13961	.63028	3.9993	.30517

#1	3216.4	52389.	2245.3	33.682	3480.0
#2	3205.4	52419.	2270.2	34.684	3479.1
#3	3200.2	52280.	2269.6	36.442	3461.2

Sample Name: K2035-15 Acquired: 3/22/2019 18:56:11 Type: Unk
Method: P4-ICP2(v2973) 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	-.00173	-.00151	.00709	-.00452	.16700	.01985
Stddev	.00111	.00052	.00133	.00197	.00309	.00764	.00089
%RSD	51.265	29.877	88.506	27.790	68.262	4.5774	4.4590

#1	-.00088	-.00229	-.00174	.00544	-.00803	.15820	.01923
#2	-.00286	-.00128	-.00007	.00928	-.00329	.17083	.01947
#3	-.00275	-.00161	-.00271	.00657	-.00224	.17197	.02087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00041	59.735	-.00201	.00066	.00098	.00815
Stddev	.00012	.00016	.266	.00033	.00021	.00012	.00023
%RSD	190.19	39.365	.44451	16.244	32.059	12.007	2.8294

#1	.00007	-.00051	59.767	-.00219	.00090	.00103	.00808
#2	-.00017	-.00023	59.984	-.00164	.00049	.00107	.00841
#3	-.00010	-.00050	59.456	-.00221	.00059	.00085	.00797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01462	84.731	-.00412	-.00208	934.56	.00154	.00121
Stddev	.00010	.569	.00043	.00040	2.61	.00013	.00004
%RSD	.67011	.67165	10.435	19.232	.27883	8.7127	3.1260

#1	.01455	84.390	-.00367	-.00166	936.47	.00155	.00124
#2	.01457	84.415	-.00453	-.00245	931.59	.00140	.00123
#3	.01473	85.388	-.00415	-.00213	935.63	.00167	.00117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.367	.00125	.24519	F 91.745	2.6087	-.04055	-.00583
Stddev	.365	.00025	.00276	.434	.0121	.00039	.00144
%RSD	.84064	20.153	1.1243	.47347	.46448	.96533	24.780

#1	43.399	.00101	.24664	91.258	2.6197	-.04012	-.00419
#2	42.987	.00123	.24692	92.092	2.6108	-.04088	-.00693
#3	43.714	.00151	.24202	91.886	2.5957	-.04065	-.00637

Sample Name: K2035-15 Acquired: 3/22/2019 18:56:11 Type: Unk
 Method: P4-ICP2(v2973) 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	.02094	.0356	.82394	5.1878	F<.00000
Stddev	.00081	.0008	.00155	.2087	1.6755
%RSD	3.8442	2.222	.18762	4.0225	16.193

#1	.02020	.0365	.82571	4.9808	-12.227
#2	.02180	.0352	.82326	5.3982	-9.0099
#3	.02084	.0351	.82285	5.1845	-9.8060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.7	52665.	2251.9	36.517	3507.3
Stddev	8.7	63.	15.6	1.039	15.7
%RSD	.27086	.12035	.69173	2.8453	.44625

#1	3232.3	52619.	2247.0	37.643	3524.9
#2	3220.7	52738.	2239.3	36.311	3495.2
#3	3215.1	52639.	2269.3	35.596	3501.7

Sample Name: CCV06 Acquired: 3/22/2019 19:00:44 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8568	5.0466	4.8798	4.8391	4.8367	F 8.8813	F 8.2559	.25129
Stddev	.0077	.0145	.0183	.0068	.0055	.0271	.1069	.00134
%RSD	.15772	.28728	.37441	.14023	.11334	.30556	1.2942	.53150
#1	4.8611	5.0333	4.8606	4.8323	4.8310	8.9110	8.3758	.25281
#2	4.8480	5.0444	4.8816	4.8458	4.8371	8.8578	8.1707	.25030
#3	4.8614	5.0621	4.8971	4.8393	4.8419	8.8751	8.2213	.25076
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4794	25.657	1.0090	2.4788	1.2029	4.9995	2.4413	F 19.107
Stddev	.0065	.723	.0095	.0069	.0015	.0428	.0155	.143
%RSD	.26283	2.8198	.94085	.27761	.12837	.85697	.63310	.74971
#1	2.4722	26.385	1.0194	2.4722	1.2013	5.0463	2.4589	19.264
#2	2.4814	24.939	1.0007	2.4784	1.2044	4.9622	2.4303	18.983
#3	2.4848	25.646	1.0069	2.4859	1.2031	4.9899	2.4346	19.074
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4206	1.2166	25.055	2.5171	2.4327	23.791	4.8421	F 2.9021
Stddev	.0075	.0103	.307	.0224	.0068	.168	.0043	.0196
%RSD	.30844	.84728	1.2243	.88886	.27966	.70687	.08806	.67372
#1	2.4126	1.2284	25.408	2.5426	2.4271	23.909	4.8378	2.9042
#2	2.4217	1.2098	24.900	2.5007	2.4307	23.599	4.8421	2.8816
#3	2.4274	1.2115	24.856	2.5080	2.4403	23.866	4.8464	2.9206
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9458	F 6.7741	4.9406	4.8037	F 6.2795	4.985	5.3029	F 3.2989
Stddev	.0077	.2010	.0184	.1480	.1861	.012	.1682	.3118
%RSD	.15478	2.9672	.37276	3.0821	2.9635	.2487	3.1716	9.4502
#1	4.9371	6.9820	4.9258	4.9431	6.4707	4.977	5.4751	3.6473
#2	4.9492	6.5808	4.9347	4.6483	6.0990	4.978	5.1390	3.2034
#3	4.9512	6.7595	4.9612	4.8197	6.2690	4.999	5.2946	3.0461

Sample Name: CCV06 Acquired: 3/22/2019 19:00:44 Type: Unk
Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 10.496
Stddev 1.011
%RSD 9.6343

#1 9.3975
#2 11.388
#3 10.703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.2	57427.	2279.4	32.223	3929.2
Stddev	6.5	448.	64.1	.757	5.9
%RSD	.18597	.78086	2.8137	2.3503	.15007

#1	3489.1	56913.	2213.8	31.614	3930.2
#2	3501.8	57738.	2342.0	33.071	3934.5
#3	3497.7	57630.	2282.4	31.985	3922.8

Sample Name: CCB06 Acquired: 3/22/2019 19:04:43 Type: Unk
Method: P4-ICP2(v2973) 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	-.00511	-.00062	F -.00729	-.00109	.00160	.02449	.00578
Stddev	.00171	.00089	.00093	.00046	.00089	.00393	.00080
%RSD	33.564	144.47	12.709	41.899	55.400	16.066	13.883

#1	-.00670	.00027	-.00647	-.00059	.00185	.02089	.00670
#2	-.00533	-.00152	-.00829	-.00119	.00234	.02869	.00543
#3	-.00329	-.00061	-.00711	-.00149	.00062	.02388	.00521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00032	-.01600	-.00017	.00045	-.00160	-.00162
Stddev	.00012	.00012	.01218	.00018	.00013	.00014	.00014
%RSD	157.14	37.219	76.126	103.11	28.073	8.6776	8.4414

#1	.00002	-.00021	-.02478	-.00004	.00058	-.00145	-.00173
#2	-.00004	-.00030	-.00209	-.00038	.00033	-.00165	-.00146
#3	-.00021	-.00045	-.02113	-.00010	.00043	-.00171	-.00166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.10975	.00114	-.00235	F 1.2953	.00087	-.00053
Stddev	.00011	.02329	.00030	.00030	.0293	.00017	.00004
%RSD	122.80	21.224	26.062	12.542	2.2587	19.356	7.7073

#1	.00001	.08774	.00135	-.00212	1.2642	.00085	-.00049
#2	-.00021	.13414	.00080	-.00268	1.2994	.00071	-.00056
#3	-.00008	.10736	.00127	-.00225	1.3223	.00104	-.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .82466	.00056	.00256	-.00208	.01013	-.00267	-.00322
Stddev	.02808	.00010	.01019	.00267	.00142	.00115	.00349
%RSD	3.4045	17.527	397.58	128.62	14.014	42.811	108.43

#1	.84761	.00056	.01422	.00100	.01144	-.00165	-.00718
#2	.83301	.00066	-.00462	-.00343	.01033	-.00391	-.00062
#3	.79335	.00047	-.00191	-.00381	.00862	-.00246	-.00185

Sample Name: CCB06 Acquired: 3/22/2019 19:04:43 Type: Unk
 Method: P4-ICP2(v2973) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00803	-.0010	-.00010	F 1.3893	F 6.4483
Stddev	.00090	.0009	.00005	.2159	.7153
%RSD	11.181	94.28	47.123	15.541	11.093
#1	.00872	-.0003	-.00005	1.1405	6.5218
#2	.00702	-.0006	-.00011	1.5280	7.1240
#3	.00836	-.0020	-.00013	1.4993	5.6990
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.7	60095.	2335.3	35.285	4404.9
Stddev	4.4	110.	14.2	1.112	9.3
%RSD	.12187	.18299	.60959	3.1510	.21211
#1	3616.3	60191.	2326.5	34.377	4410.5
#2	3621.3	60120.	2327.7	36.525	4410.0
#3	3612.5	59975.	2351.8	34.952	4394.1