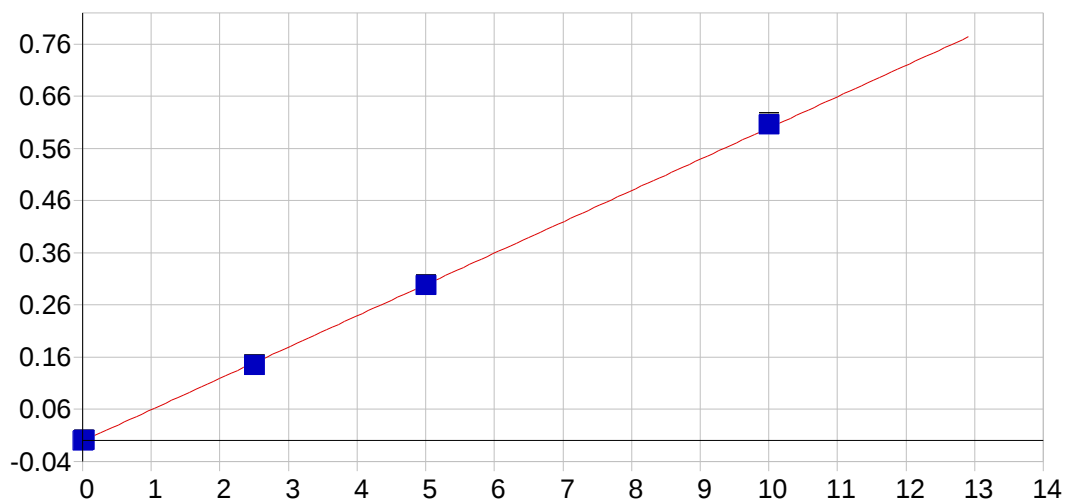




As 189.042 {478}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000665

Re-Slope: 1.000000

A1 (Gain): 0.060004

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999883

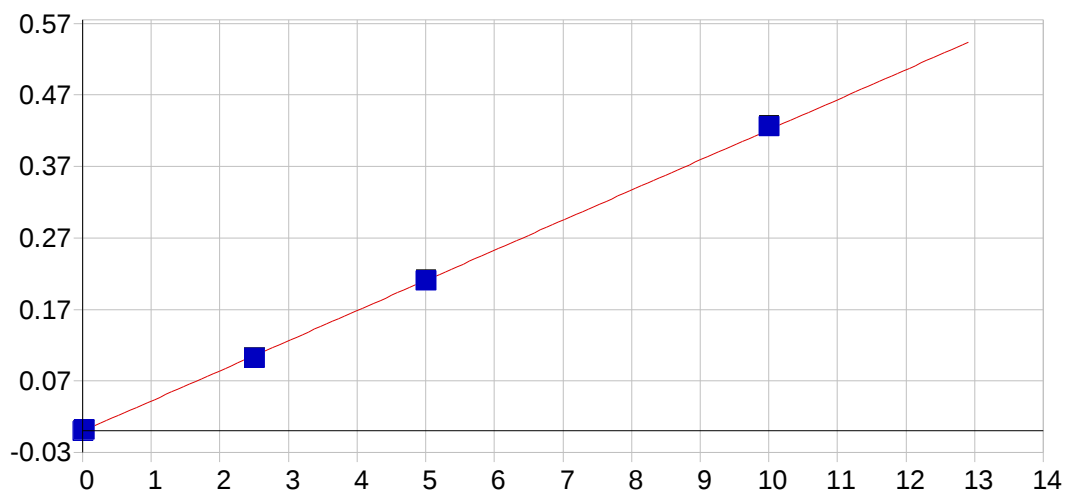
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.003214

Predicted MQL: 0.010714

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00066	.000	1
S1	.02000	.01809	-.002	-9.54	.00042	.000	1
S3	2.5000	2.4187	-.081	-3.25	.14446	.000	1
S4	5.0000	4.9751	-.025	-.499	.29784	.000	1
S5	10.000	10.108	.108	1.08	.60582	.003	1



As 189.042 {479}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

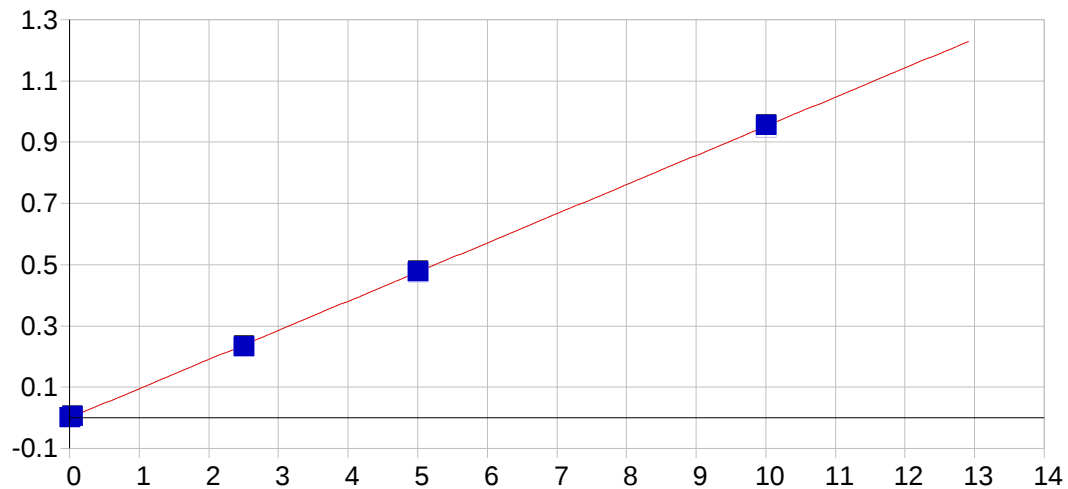
Weighting: 1/Conc

A0 (Offset): -0.000043

Re-Slope: 1.000000

A1 (Gain): 0.042115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002945
 Predicted MQL: 0.009816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02198	.002	9.91	.00088	.000	1
S3	2.5000	2.4175	-.082	-3.30	.10177	.000	1
S4	5.0000	4.9760	-.024	-.481	.20952	.001	1
S5	10.000	10.105	.105	1.05	.42551	.001	1

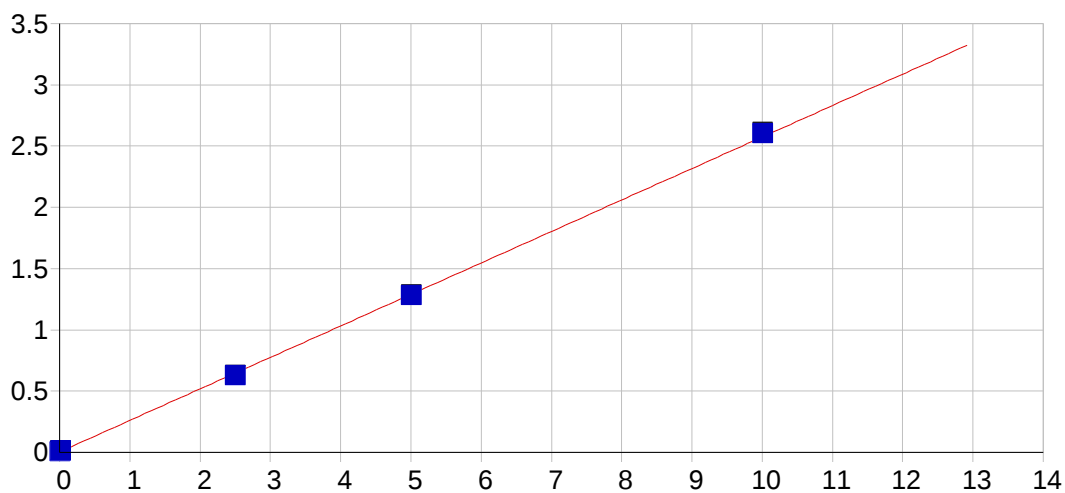


TI 190.856 {477}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.095204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001646
 Predicted MQL: 0.005487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04963	.010	24.1	.00454	.000	1
S3	2.5000	2.4464	-.054	-2.14	.23039	.001	1
S4	5.0000	5.0099	.010	.197	.47200	.002	1
S5	10.000	10.034	.034	.342	.94545	.001	1

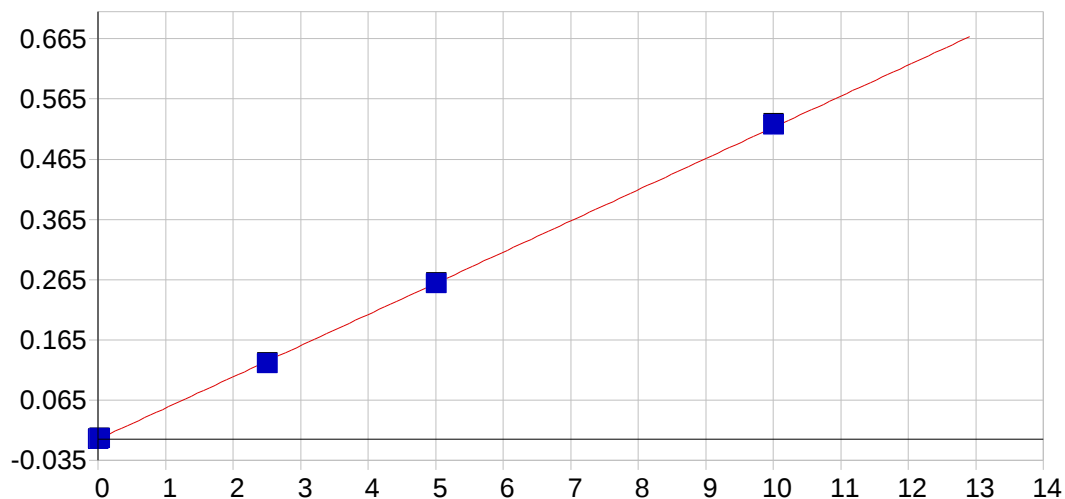


Pb 220.353 {453}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004259 Re-Slope: 1.000000
 A1 (Gain): 0.256967 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.001026
 Predicted MQL: 0.003419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00426	.000	1
S1	.01200	.01571	.004	30.9	.00824	.000	1
S3	2.5000	2.4136	-.086	-3.46	.62367	.002	1
S4	5.0000	4.9709	-.029	-.582	1.2800	.001	1
S5	10.000	10.112	.112	1.12	2.5994	.007	1



Se 196.090 {472}

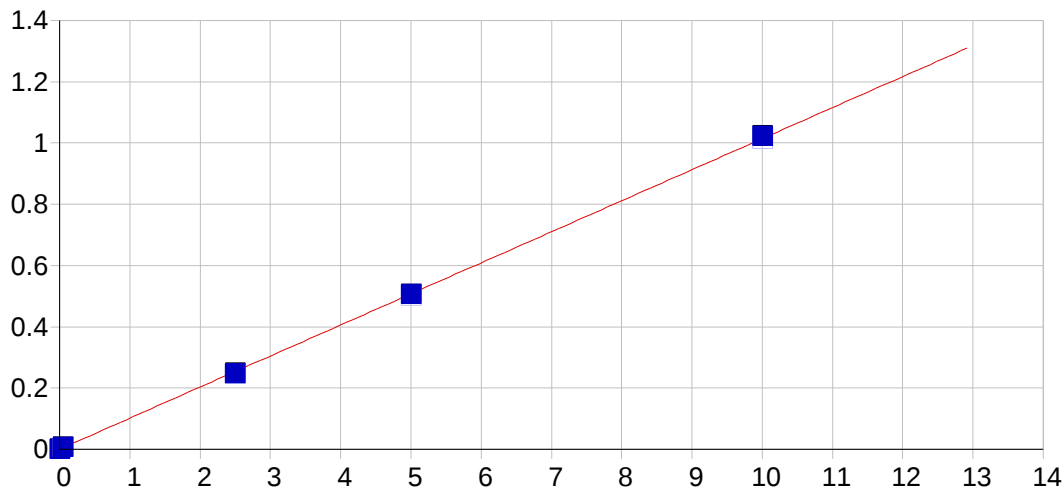
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.051783 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000017
 Predicted MDL: 0.003453
 Predicted MQL: 0.011511

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02411	.004	20.6	.00116	.000	1
S3	2.5000	2.4304	-.070	-2.79	.12575	.001	1
S4	5.0000	4.9945	-.005	-.110	.25851	.001	1
S5	10.000	10.071	.071	.710	.52136	.002	1



Sb 206.833 {463}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

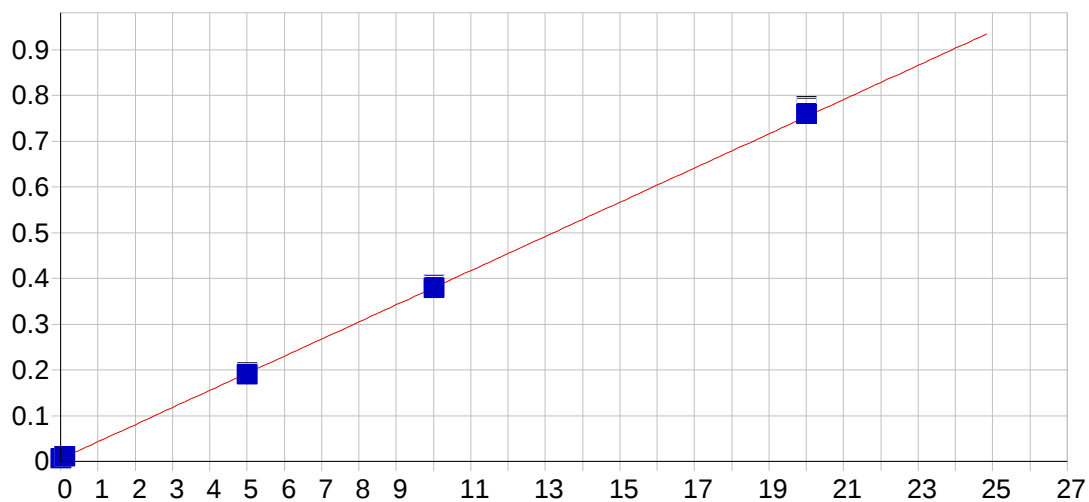
Weighting: 1/Conc

A0 (Offset): 0.000521
 A1 (Gain): 0.101372
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870
 Std Error of Est: 0.000062
 Predicted MDL: 0.002180
 Predicted MQL: 0.007267

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	.00052	.000	1
S1	.05000	.05973	.010	19.5	.00645	.000	1
S3	2.5000	2.4318	-.068	-2.73	.24419	.002	1
S4	5.0000	4.9794	-.021	-.412	.49960	.001	1
S5	10.000	10.079	.079	.792	1.0109	.002	1

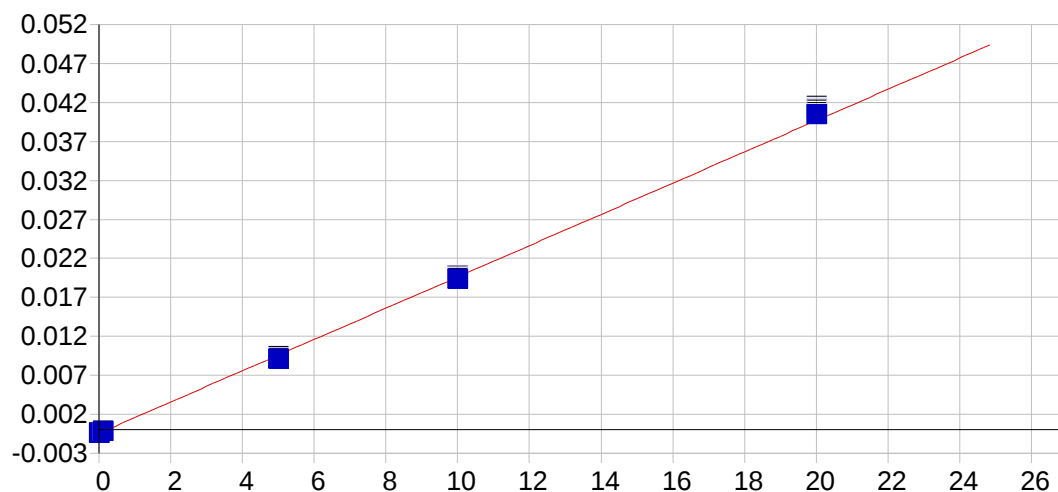


AI 308.215 {109}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005515 Re-Slope: 1.000000
 A1 (Gain): 0.037398 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.003280
 Predicted MQL: 0.010933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00551	.000	1
S1	.10000	.12014	.020	20.1	.01027	.000	1
S3	5.0000	4.8909	-.109	-2.18	.19215	.001	1
S4	10.000	9.9674	-.033	-.326	.38573	.001	1
S5	20.000	20.121	.121	.603	.77288	.002	1



AI 309.271 {109}

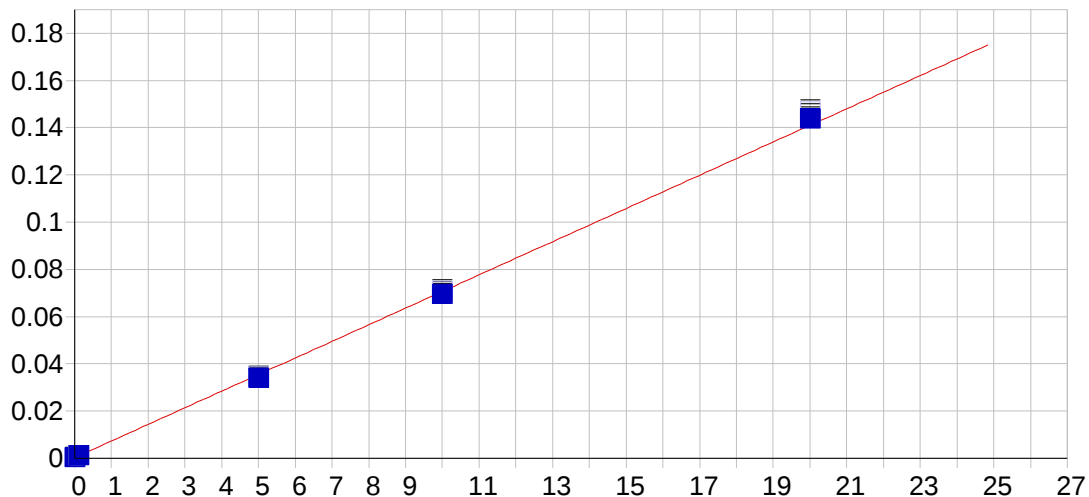
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000436 Re-Slope: 1.000000
 A1 (Gain): 0.002005 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628
 Std Error of Est: 0.000004
 Predicted MDL: 0.035249
 Predicted MQL: 0.117495

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00044	.000	1
S1	.10000	.11687	.017	16.9	-.00019	.000	1
S3	5.0000	4.7245	-.276	-5.51	.00924	.000	1
S4	10.000	9.8706	-.129	-1.29	.01976	.000	1
S5	20.000	20.387	.387	1.94	.04125	.000	1



AI 396.152 { 85}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

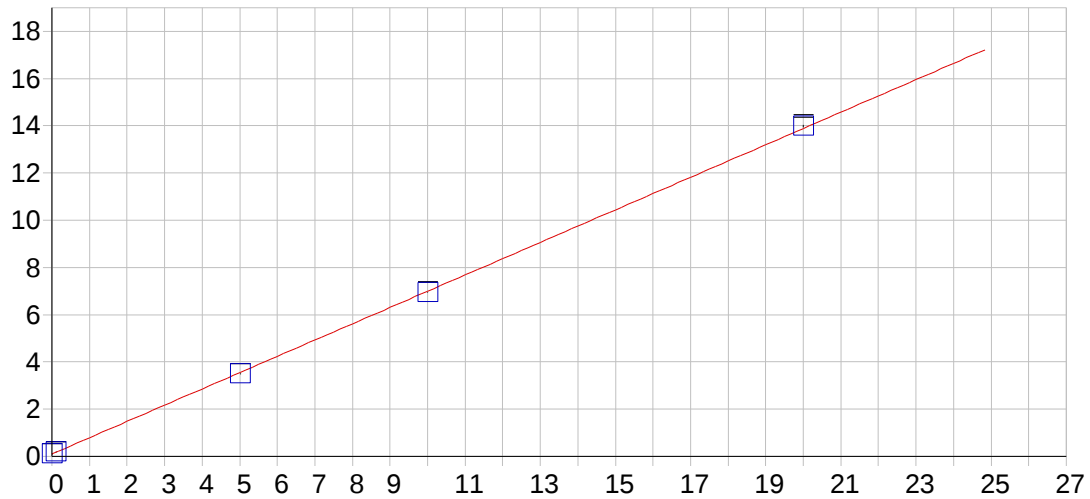
Weighting: 1/Conc

A0 (Offset): 0.000292
 A1 (Gain): 0.007035
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999684
 Std Error of Est: 0.000014
 Predicted MDL: 0.016976
 Predicted MQL: 0.056585

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	.00029	.000	1
S1	.10000	.11309	.013	13.1	.00114	.000	1
S3	5.0000	4.7694	-.231	-4.61	.03455	.000	1
S4	10.000	9.8250	-.175	-1.75	.07081	.000	1
S5	20.000	20.392	.392	1.96	.14655	.001	1

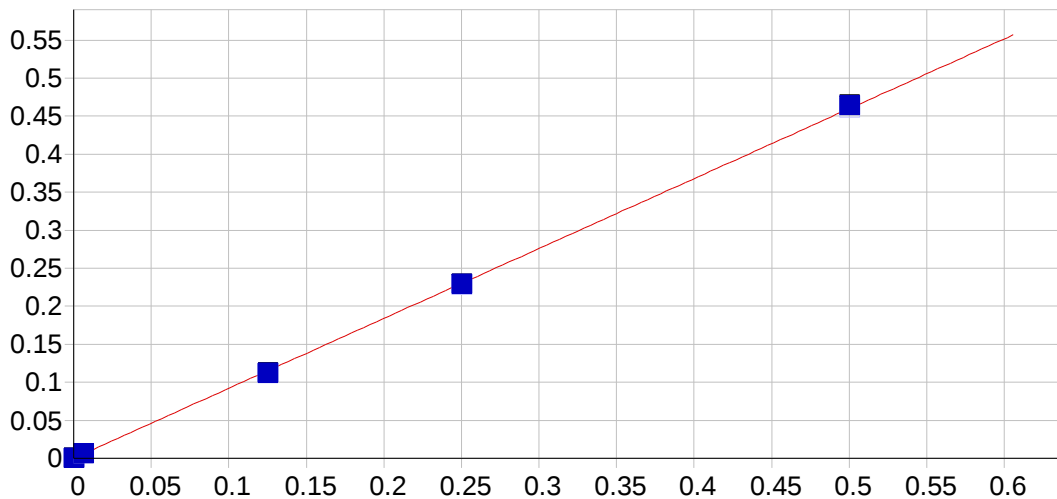


Ba 493.409 { 68}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.101889 Re-Slope: 1.000000
 A1 (Gain): 0.689295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000557
 Predicted MDL: 0.004958
 Predicted MQL: 0.016528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10188	.002	1
S1	.10000	.11095	.011	11.0	.17837	.002	1
S3	5.0000	4.9203	-.080	-1.59	3.4934	.004	1
S5	20.000	20.139	.139	.693	13.983	.052	1
S4	10.000	9.9301	-.070	-.699	6.9467	.013	1



Be 234.861 {144}

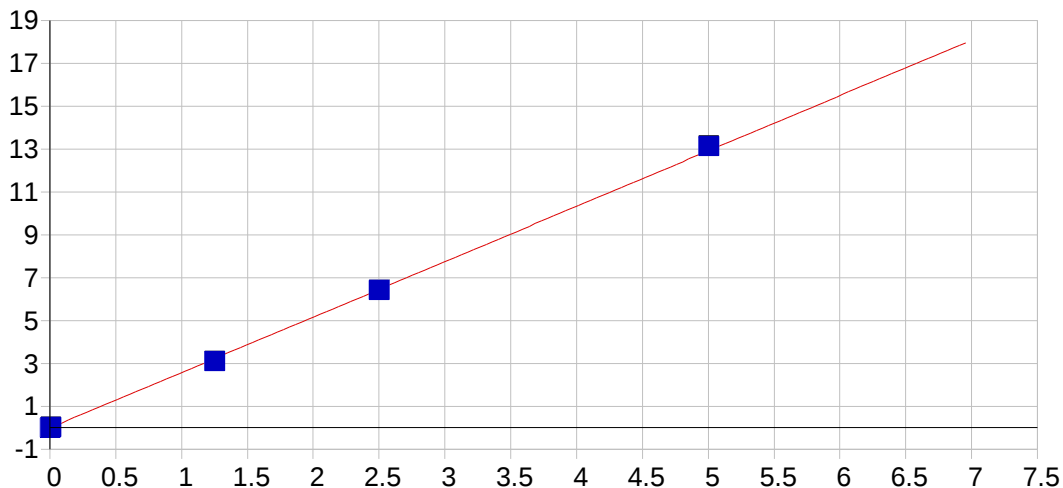
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.919127 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000040
 Predicted MDL: 0.000081
 Predicted MQL: 0.000272

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00600	.00654	.001	9.06	.00609	.000	1
S3	.12500	.12147	-.004	-2.82	.11106	.000	1
S4	.25000	.24878	-.001	-.488	.22735	.001	1
S5	.50000	.50421	.004	.842	.46067	.001	1



Cd 226.502 {449}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

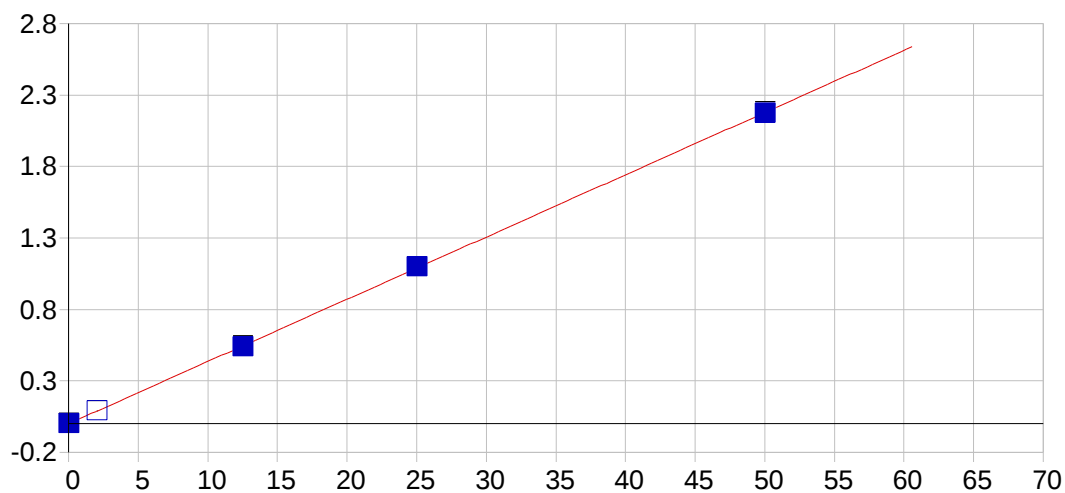
Weighting: 1/Conc

A0 (Offset): -0.002659
 A1 (Gain): 2.583924
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000508
 Predicted MDL: 0.000111
 Predicted MQL: 0.000368

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	-.00266	.000	1
S1	.00600	.00645	.000	7.57	.01405	.000	1
S3	1.2500	1.1921	-.058	-4.64	3.0783	.003	1
S4	2.5000	2.4847	-.015	-.611	6.4191	.003	1
S5	5.0000	5.0728	.073	1.46	13.108	.027	1

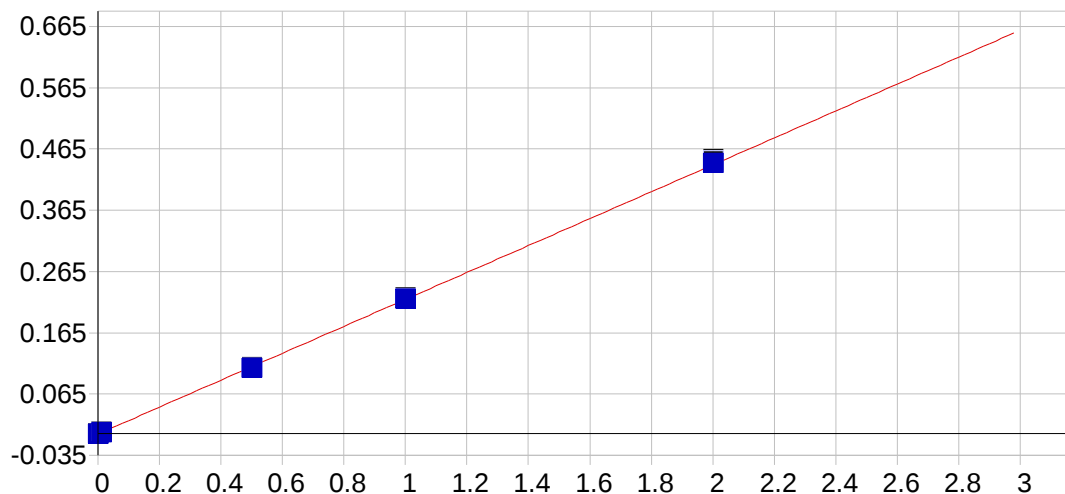


Ca 373.690 { 90}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000184 Re-Slope: 1.000000
 A1 (Gain): 0.043550 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.021992
 Predicted MQL: 0.073307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0924	.092	4.62	.09131	.001	1
S0	.00000	-.00008	-.000	.000	.00018	.001	1
S3	12.500	12.360	-.140	-1.12	.53877	.003	1
S4	25.000	25.181	.181	.725	1.0974	.001	1
S5	50.000	49.866	-.134	-.268	2.1730	.009	1



Cr 267.716 {126}

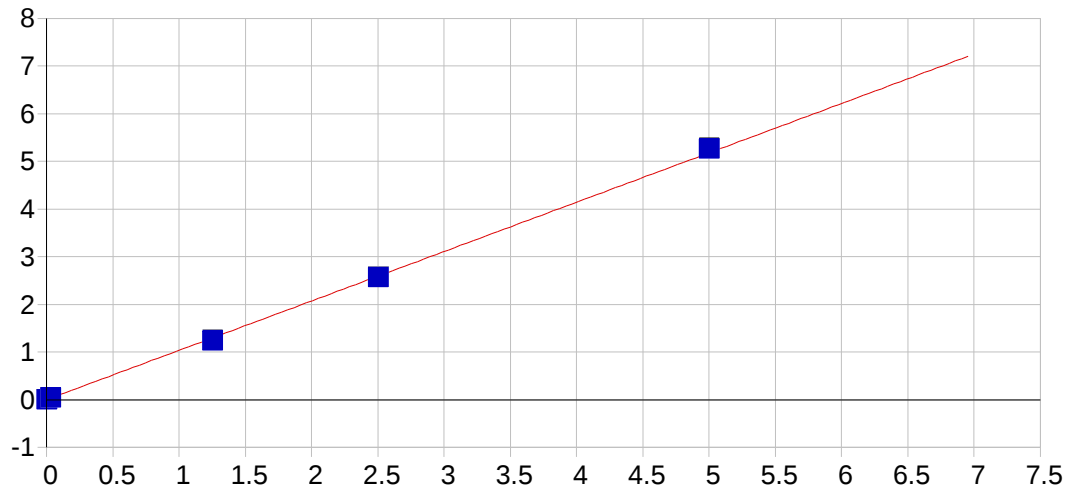
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.219686 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000020
 Predicted MDL: 0.000477
 Predicted MQL: 0.001592

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.01000	.01070	.001	7.04	.00210	.000	1
S3	.50000	.48675	-.013	-2.65	.10753	.000	1
S4	1.0000	1.0002	.000	.022	.22120	.001	1
S5	2.0000	2.0123	.012	.616	.44527	.002	1



Co 228.616 {447}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

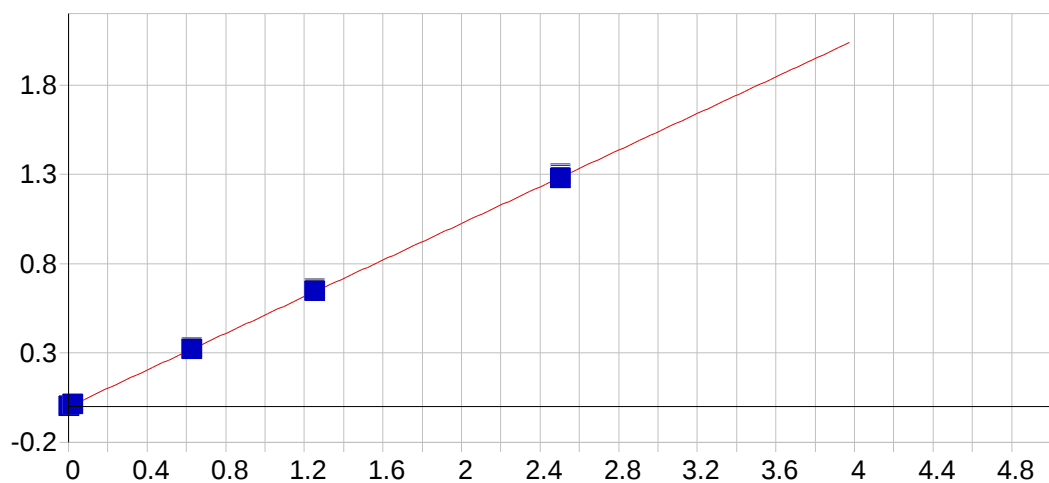
Weighting: 1/Conc

A0 (Offset): -0.000525
 A1 (Gain): 1.036370
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716
 Std Error of Est: 0.000518
 Predicted MDL: 0.000254
 Predicted MQL: 0.000847

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	-.00053	.000	1
S1	.03000	.03550	.006	18.3	.03606	.001	1
S3	1.2500	1.1928	-.057	-4.57	1.2367	.001	1
S4	2.5000	2.4760	-.024	-.961	2.5675	.003	1
S5	5.0000	5.0757	.076	1.51	5.2639	.009	1

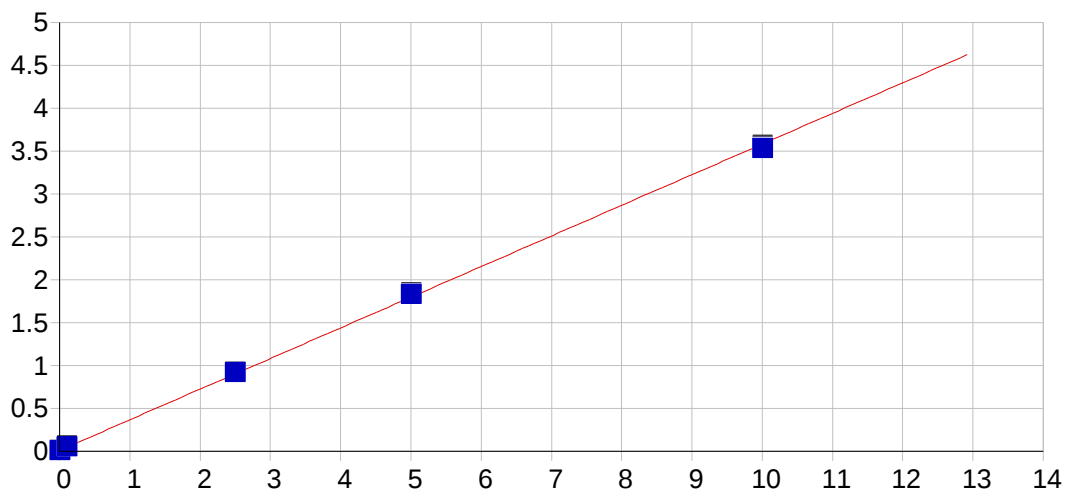


Cu 224.700 {450}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.512698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000595
 Predicted MQL: 0.001983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.02000	.02407	.004	20.4	.01257	.000	1
S3	.62500	.62426	-.001	-.119	.32531	.000	1
S4	1.2500	1.2584	.008	.671	.65560	.000	1
S5	2.5000	2.4883	-.012	-.469	1.2965	.004	1



Fe 240.488 {140}

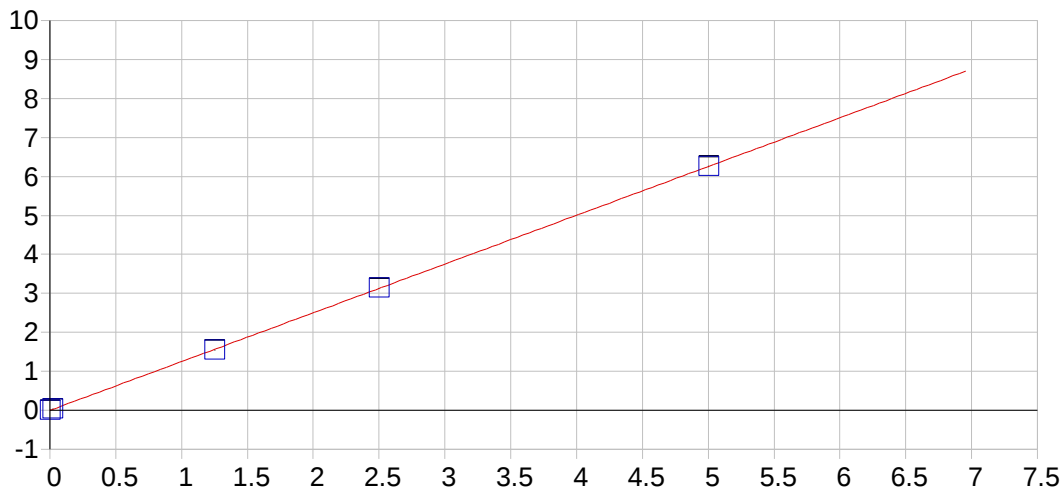
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010671 Re-Slope: 1.000000
 A1 (Gain): 0.357191 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750
 Std Error of Est: 0.000434
 Predicted MDL: 0.001771
 Predicted MQL: 0.005904

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01066	.000	1
S1	.10000	.12236	.022	22.4	.05455	.001	1
S3	2.5000	2.5296	.030	1.18	.91754	.002	1
S4	5.0000	5.0884	.088	1.77	1.8349	.012	1
S5	10.000	9.8597	-.140	-1.40	3.5458	.020	1



Mn 257.610 {131}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

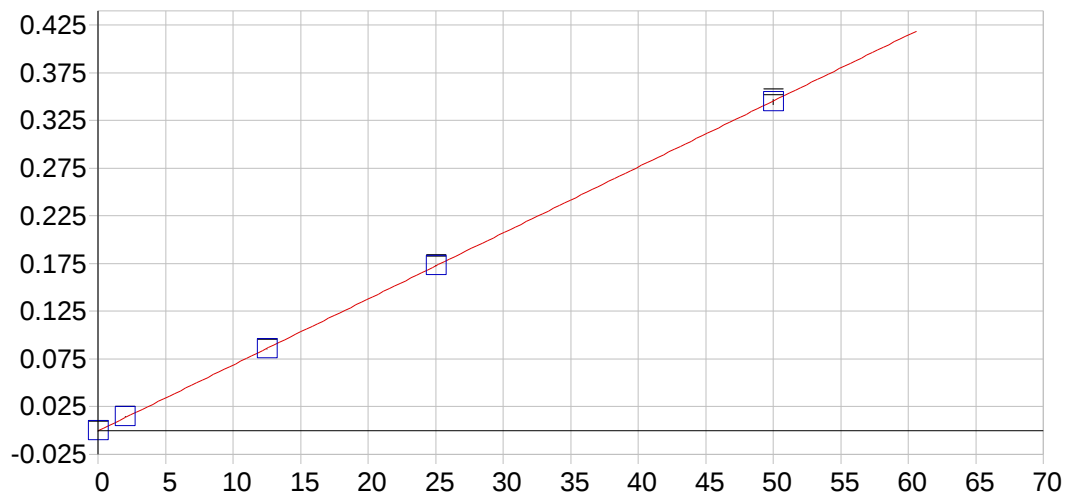
Weighting: 1/Conc

A0 (Offset): -0.000107
 A1 (Gain): 1.250800
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000209
 Predicted MDL: 0.000076
 Predicted MQL: 0.000254

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	-.00011	.000	1
S1	.02000	.02343	.003	17.2	.02920	.000	1
S3	1.2500	1.2334	-.017	-1.33	1.5426	.001	1
S4	2.5000	2.5063	.006	.252	3.1348	.008	1
S5	5.0000	5.0069	.007	.138	6.2625	.014	1

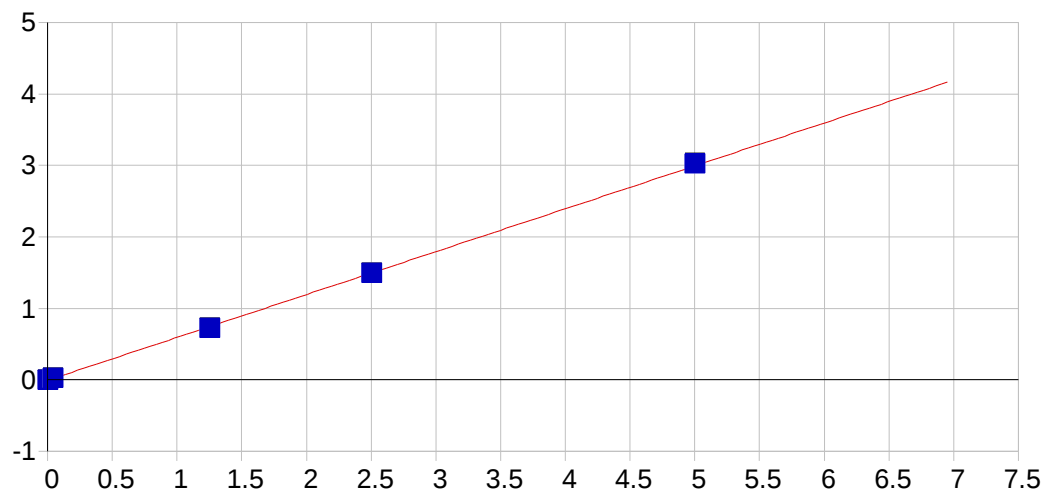


Mg 279.079 {121}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000463 Re-Slope: 1.000000
 A1 (Gain): 0.006919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.059826
 Predicted MQL: 0.199421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1603	.160	8.01	.01448	.000	1
S0	.00000	-.00015	-.000	.000	-.00046	.000	1
S3	12.500	12.428	-.072	-.579	.08552	.001	1
S4	25.000	25.061	.061	.242	.17292	.001	1
S5	50.000	49.852	-.148	-.297	.34444	.003	1



Ni 231.604 {445}

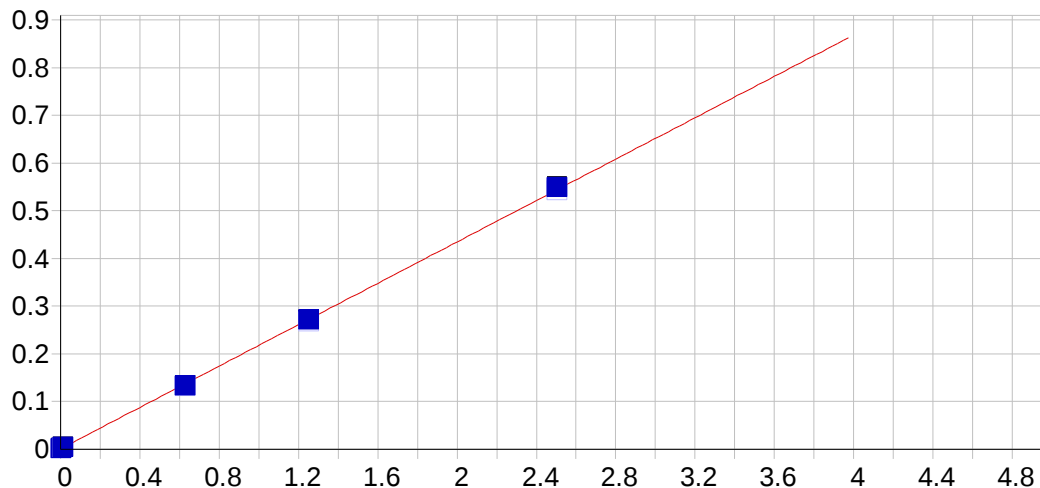
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006596 Re-Slope: 1.000000
 A1 (Gain): 0.600025 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822
 Std Error of Est: 0.000274
 Predicted MDL: 0.000462
 Predicted MQL: 0.001539

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00660	.000	1
S1	.04000	.04786	.008	19.6	.02213	.000	1
S3	1.2500	1.2121	-.038	-3.03	.72151	.000	1
S4	2.5000	2.4870	-.013	-.519	1.4873	.002	1
S5	5.0000	5.0430	.043	.861	3.0226	.005	1



Ag 328.068 {103}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

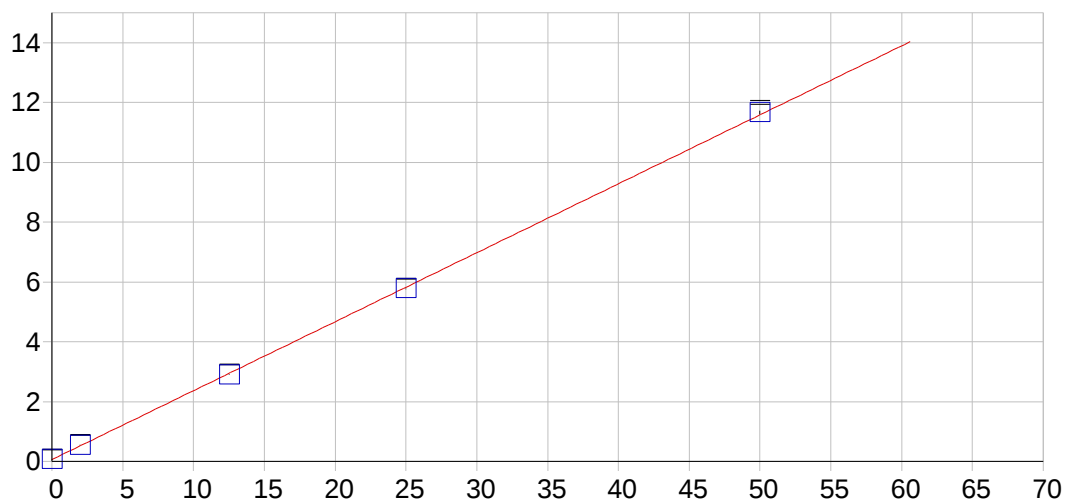
Weighting: 1/Conc

A0 (Offset): 0.001082
 A1 (Gain): 0.216949
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000027
 Predicted MDL: 0.000710
 Predicted MQL: 0.002366

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	.00108	.000	1
S1	.01000	.01098	.001	9.84	.00342	.000	1
S3	.62500	.60717	-.018	-2.85	.13127	.000	1
S4	1.2500	1.2417	-.008	-.666	.26739	.001	1
S5	2.5000	2.5252	.025	1.01	.54276	.002	1

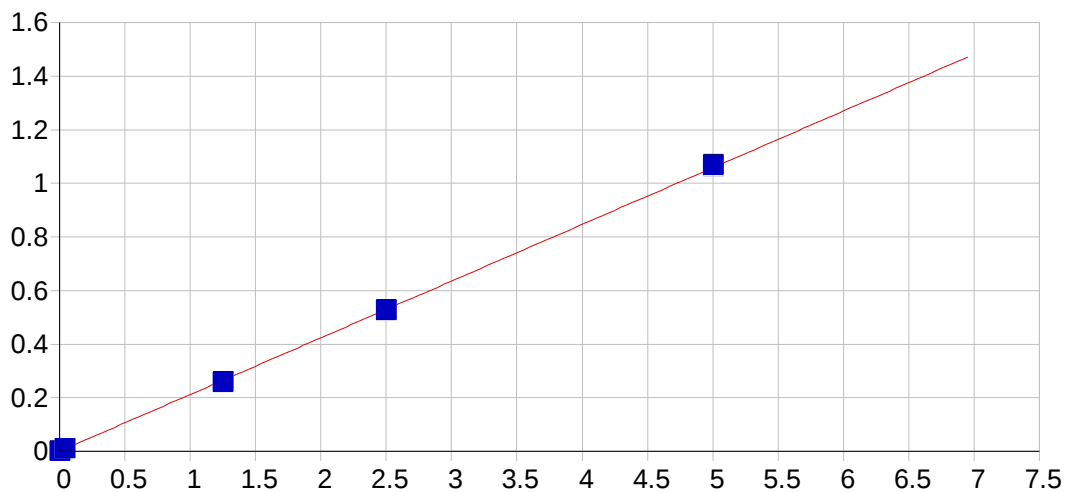


Na 589.592 { 57}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.058669 Re-Slope: 1.000000
 A1 (Gain): 0.230605 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.001481
 Predicted MDL: 0.014353
 Predicted MQL: 0.047842

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0926	.093	4.63	.54124	.007	1
S0	.00000	-.00005	-.000	.000	.05866	.006	1
S3	12.500	12.297	-.203	-1.62	2.8944	.008	1
S4	25.000	24.759	-.241	-.964	5.7682	.015	1
S5	50.000	50.352	.352	.703	11.670	.064	1



V 292.402 {115}

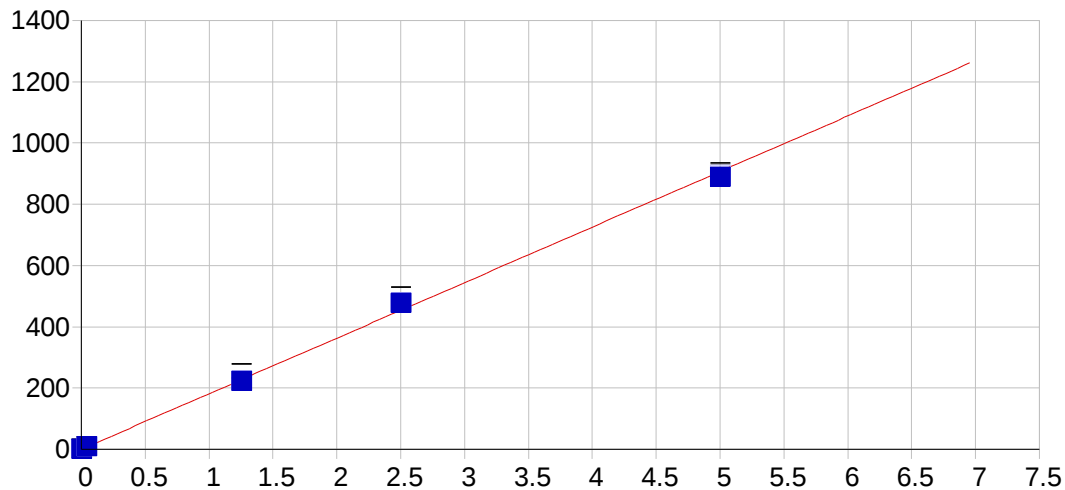
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000377 Re-Slope: 1.000000
 A1 (Gain): 0.211574 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000090
 Predicted MDL: 0.000579
 Predicted MQL: 0.001929

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00038	.000	1
S1	.04000	.04791	.008	19.8	.01038	.000	1
S3	1.2500	1.2194	-.031	-2.45	.25663	.001	1
S4	2.5000	2.4846	-.015	-.617	.52259	.001	1
S5	5.0000	5.0382	.038	.765	1.0594	.003	1

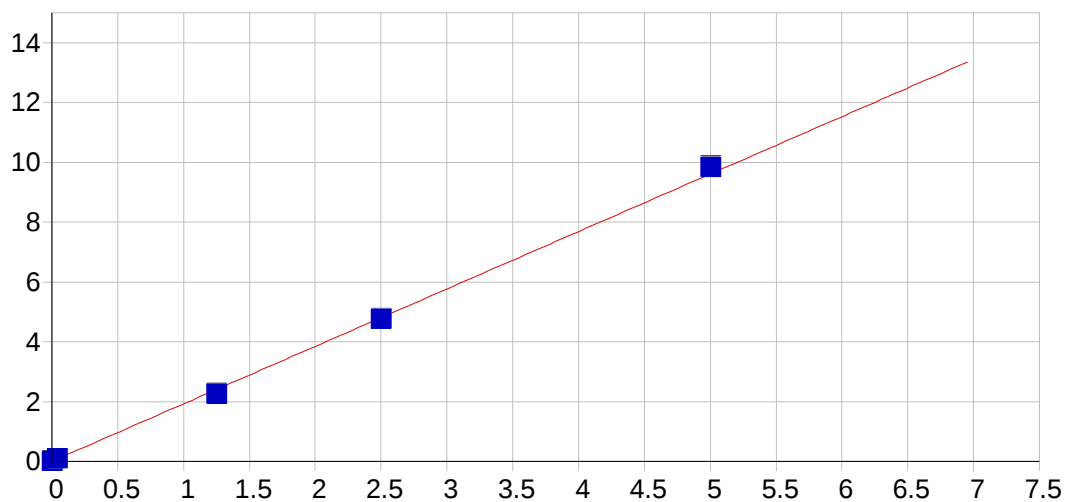


Zn 206.200 {163}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.147119 Re-Slope: 1.000000
 A1 (Gain): 181.361970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999435 Status: OK.
 Std Error of Est: 0.148471
 Predicted MDL: 0.000312
 Predicted MQL: 0.001039

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.14582	.040	1
S1	.04000	.04699	.007	17.5	8.7161	.621	1
S3	1.2500	1.2191	-.031	-2.48	222.61	23.0	1
S4	2.5000	2.6235	.123	4.94	478.68	19.3	1
S5	5.0000	4.9005	-.100	-1.99	894.40	9.06	1

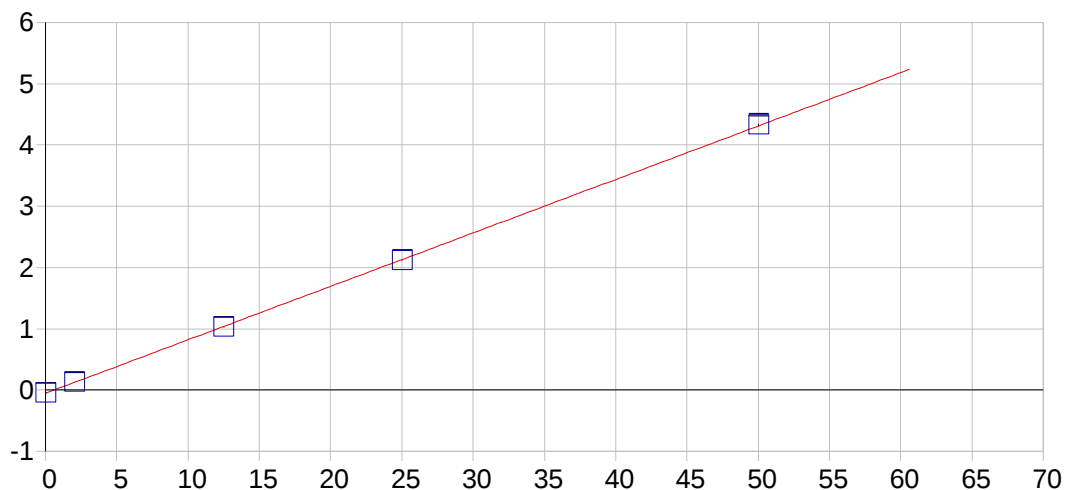


Zn 213.856 {458}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003580 Re-Slope: 1.000000
 A1 (Gain): 1.920461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999532 Status: OK.
 Std Error of Est: 0.001431
 Predicted MDL: 0.000113
 Predicted MQL: 0.000378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00358	.000	1
S1	.04000	.04468	.005	11.7	.08993	.001	1
S3	1.2500	1.1707	-.079	-6.35	2.2671	.002	1
S4	2.5000	2.4669	-.033	-1.32	4.7719	.001	1
S5	5.0000	5.1077	.108	2.15	9.8740	.019	1



K 766.490 {44}

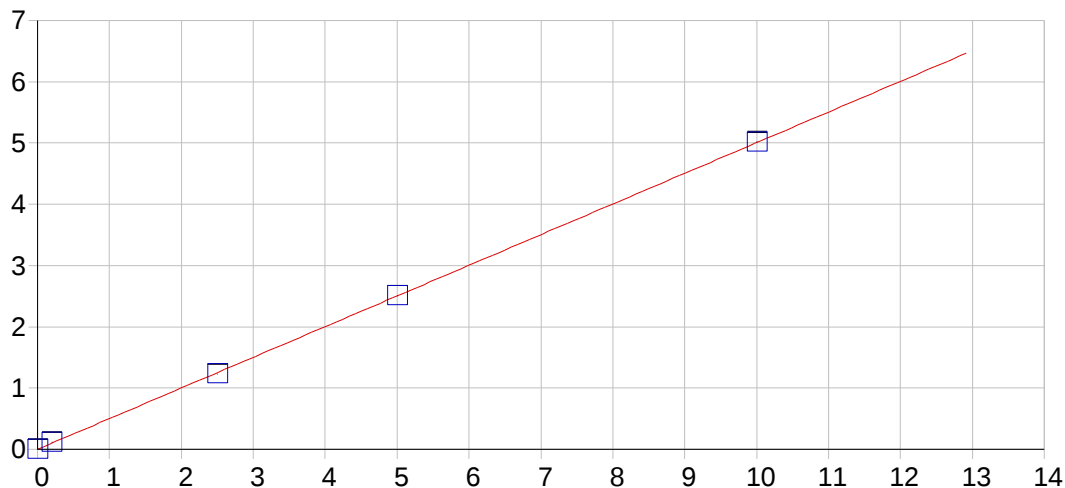
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.052091 Re-Slope: 1.000000
 A1 (Gain): 0.087235 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000320
 Predicted MDL: 0.047623
 Predicted MQL: 0.158744

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0544	.054	2.72	.12713	.005	1
S0	.00000	-.00003	-.000	.000	-.05209	.001	1
S3	12.500	12.374	-.126	-1.01	1.0273	.002	1
S4	25.000	24.881	-.119	-.474	2.1185	.007	1
S5	50.000	50.190	.190	.381	4.3263	.018	1



Mo 202.030 {467}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

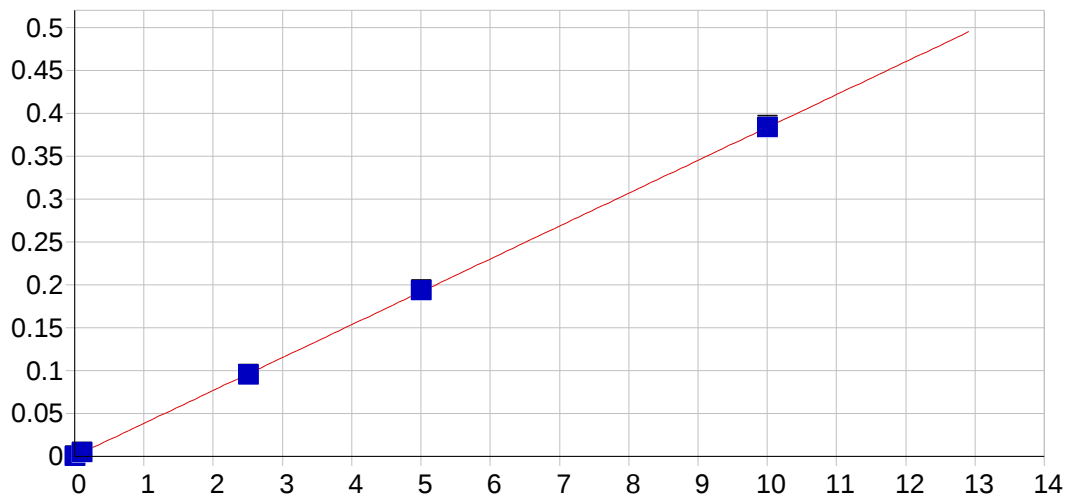
Weighting: 1/Conc

A0 (Offset): 0.000722
 A1 (Gain): 0.500482
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000546
 Predicted MDL: 0.000350
 Predicted MQL: 0.001166

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00071	.000	1
S1	.20000	.22326	.023	11.6	.11246	.001	1
S3	2.5000	2.4545	-.045	-1.82	1.2292	.002	1
S4	5.0000	5.0062	.006	.125	2.5063	.002	1
S5	10.000	10.016	.016	.160	5.0135	.013	1

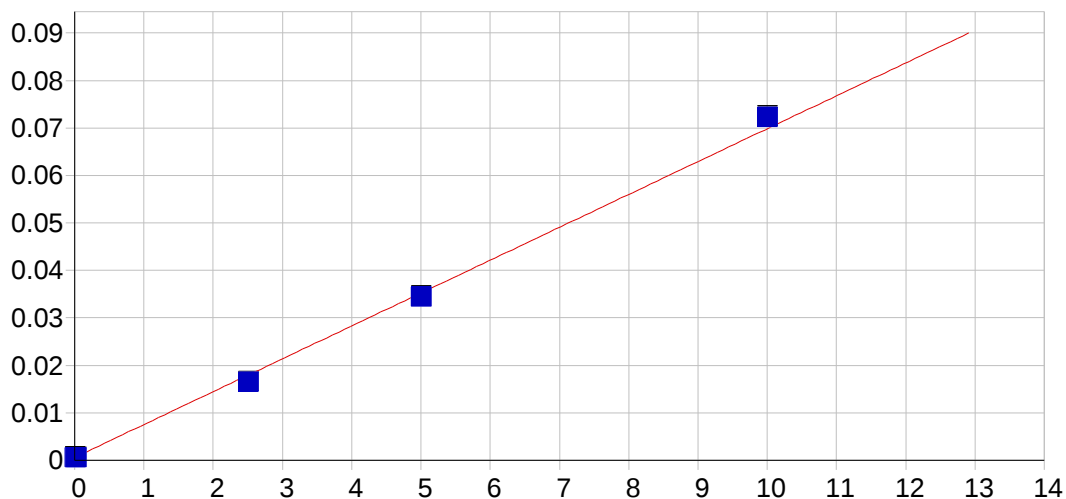


B 249.678 {135}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.038323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.010178
 Predicted MQL: 0.033925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.10000	.10193	.002	1.93	.00409	.000	1
S3	2.5000	2.4673	-.033	-1.31	.09453	.000	1
S4	5.0000	5.0364	.036	.727	.19276	.001	1
S5	10.000	9.9944	-.006	-.056	.38232	.002	1



S 182.034 {485}

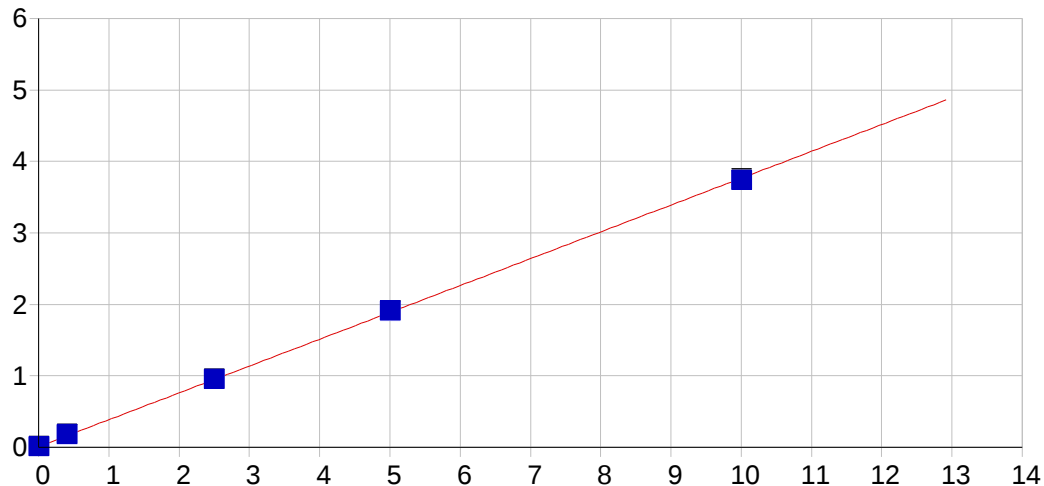
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000603 Re-Slope: 1.000000
 A1 (Gain): 0.006925 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998272
 Std Error of Est: 0.000010
 Predicted MDL: 0.014343
 Predicted MQL: 0.047810

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00060	.000	1
S1	.02000	-.00411	-.024	-121.	.00057	.000	1
S3	2.5000	2.2938	-.206	-8.25	.01647	.000	1
S4	5.0000	4.8855	-.114	-2.29	.03440	.000	1
S5	10.000	10.344	.344	3.44	.07216	.000	1



Si 288.158 {117}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

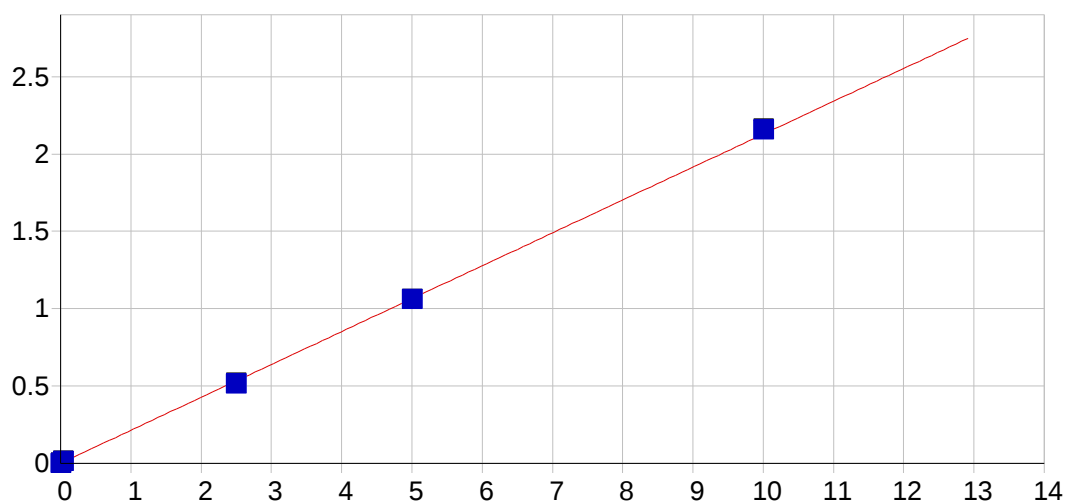
Weighting: 1/Conc

A0 (Offset): 0.010491
 A1 (Gain): 0.375468
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878
 Std Error of Est: 0.000641
 Predicted MDL: 0.003181
 Predicted MQL: 0.010605

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01048	.001	1
S1	.40000	.43715	.037	9.29	.17450	.002	1
S3	2.5000	2.4989	-.001	-.042	.94827	.002	1
S4	5.0000	5.0408	.041	.816	1.9021	.007	1
S5	10.000	9.9231	-.077	-.769	3.7343	.014	1

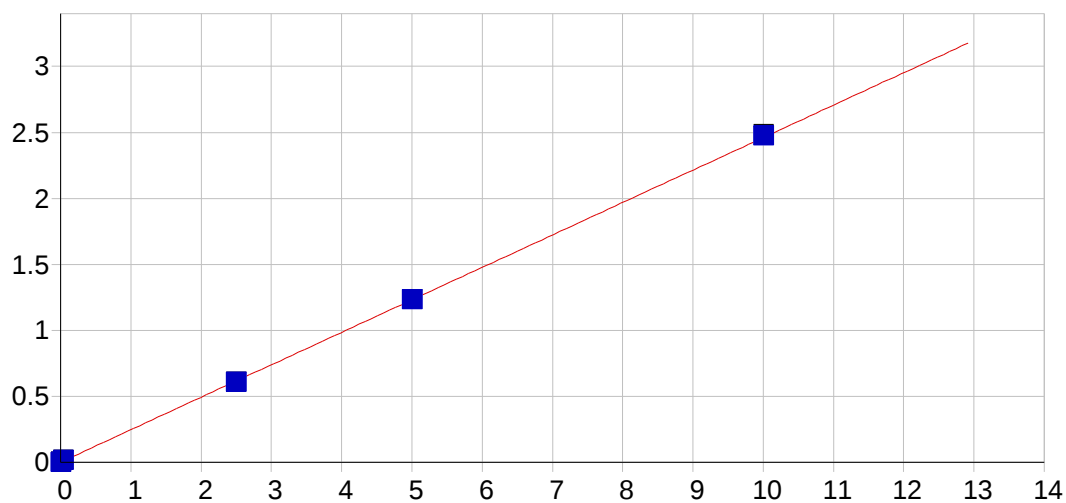


Sn 189.989 {477}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001461 Re-Slope: 1.000000
 A1 (Gain): 0.212647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000659
 Predicted MQL: 0.002197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00146	.000	1
S1	.04000	.04472	.005	11.8	.01097	.000	1
S3	2.5000	2.4058	-.094	-3.77	.51315	.002	1
S4	5.0000	4.9663	-.034	-.674	1.0577	.002	1
S5	10.000	10.123	.123	1.23	2.1545	.003	1



Ti 336.121 {100}

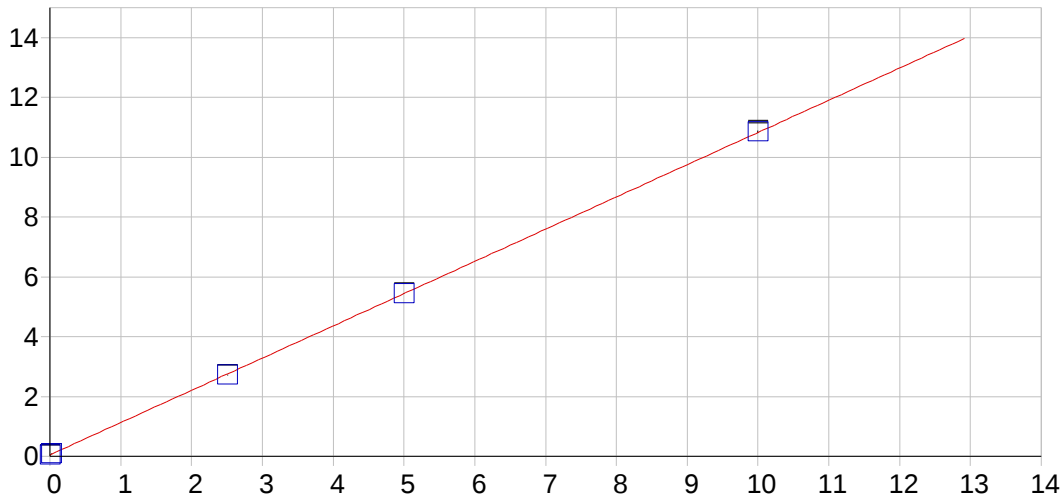
Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001508 Re-Slope: 1.000000
 A1 (Gain): 0.245913 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000077
 Predicted MDL: 0.002895
 Predicted MQL: 0.009649

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00151	.001	1
S1	.04000	.04360	.004	9.00	.01222	.000	1
S3	2.5000	2.4515	-.049	-1.94	.60428	.003	1
S4	5.0000	5.0003	.000	.007	1.2310	.002	1
S5	10.000	10.045	.045	.446	2.4713	.010	1



Li 670.784 { 50}

Date of Fit: 2/28/2019 17:10:07

Type of Fit: Linear

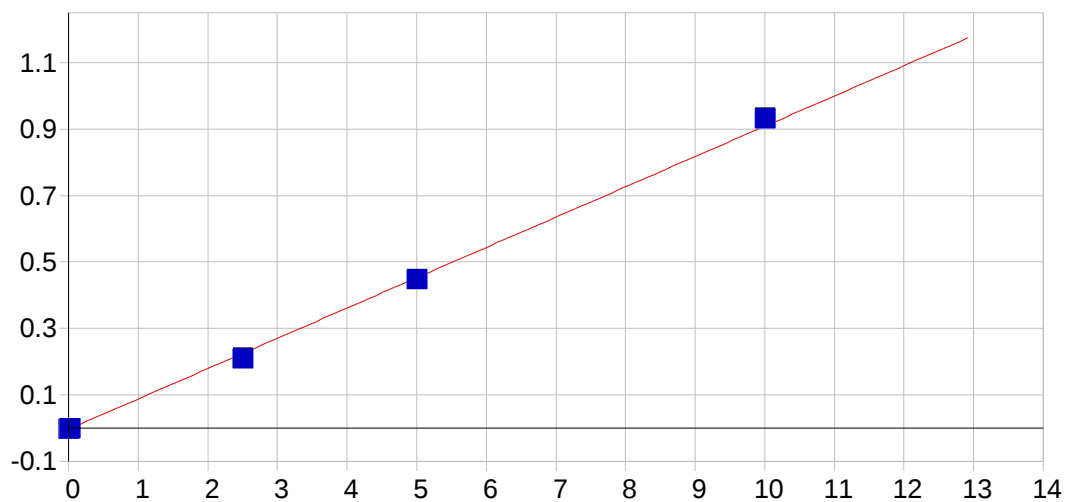
Weighting: 1/Conc

A0 (Offset): 0.049430
 A1 (Gain): 1.077876
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000288
 Predicted MDL: 0.003301
 Predicted MQL: 0.011004

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	.04942	.003	1
S1	.02000	.02617	.006	30.8	.07764	.002	1
S3	2.5000	2.4767	-.023	-.934	2.7190	.006	1
S4	5.0000	5.0015	.002	.030	5.4404	.010	1
S5	10.000	10.016	.016	.157	10.845	.042	1

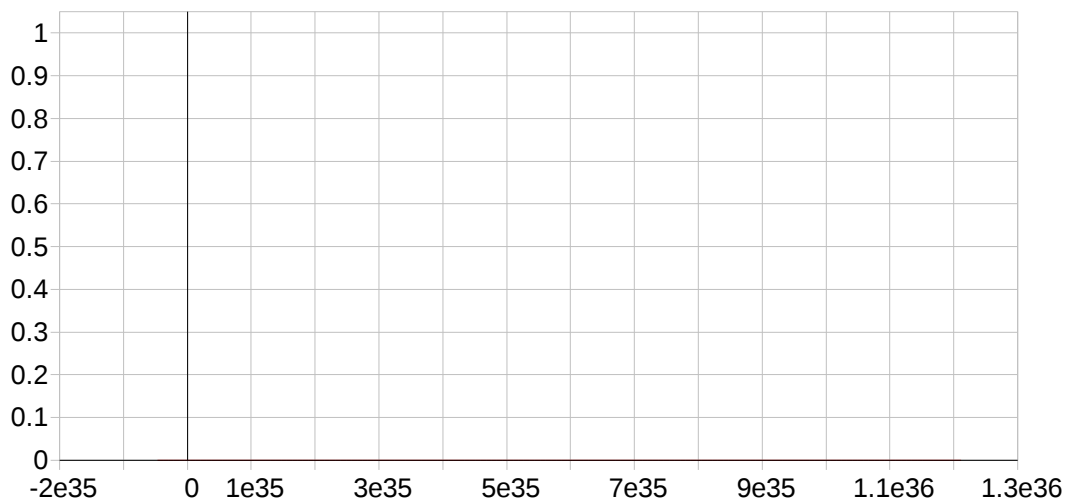


P 177.495 {490}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003212 Re-Slope: 1.000000
 A1 (Gain): 0.091164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999461 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001504
 Predicted MQL: 0.005013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00321	.000	1
S1	.02000	.01980	-.000	-1.02	-.00141	.000	1
S3	2.5000	2.3274	-.173	-6.91	.20863	.000	1
S4	5.0000	4.9293	-.071	-1.41	.44550	.000	1
S5	10.000	10.244	.244	2.44	.92931	.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



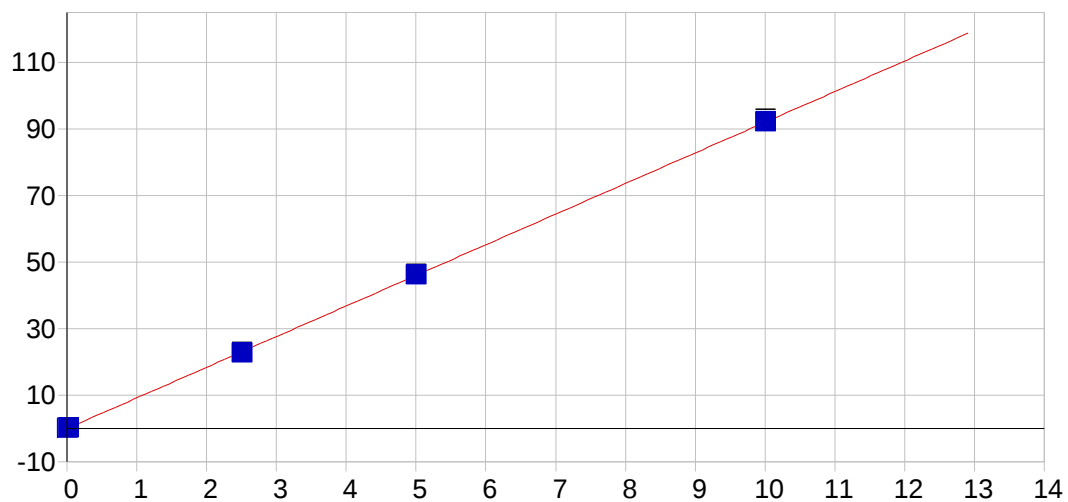




In 230.606 {446}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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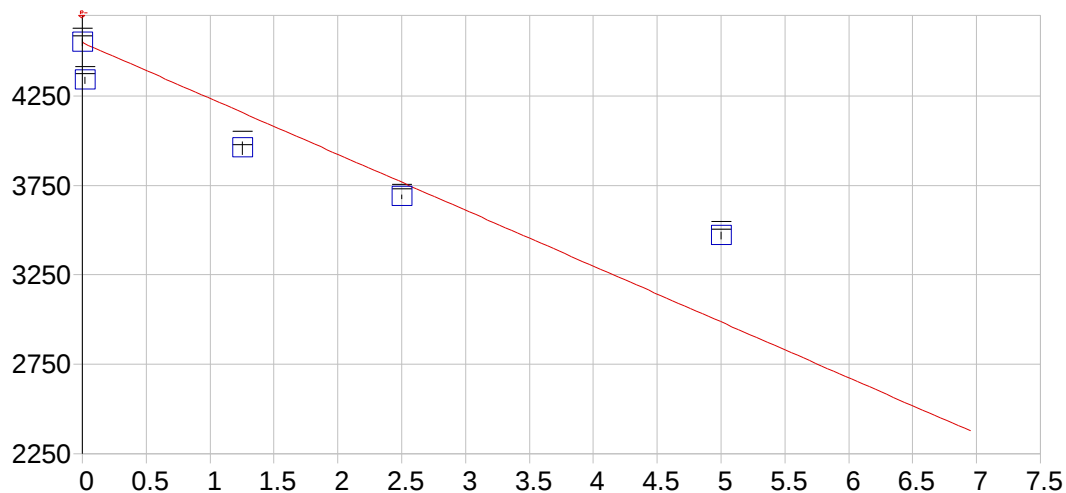


Sr 407.771 { 83}
 Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.009787	Re-Slope:	1.000000
A1 (Gain):	9.203120	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.001463		
Predicted MDL:	0.000146		

Predicted MQL: 0.000487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00980	.001	1
S1	.02000	.02163	.002	8.14	.19027	.001	1
S3	2.5000	2.4637	-.036	-1.45	22.689	.118	1
S4	5.0000	5.0193	.019	.387	46.234	.060	1
S5	10.000	10.015	.015	.153	92.264	.677	1

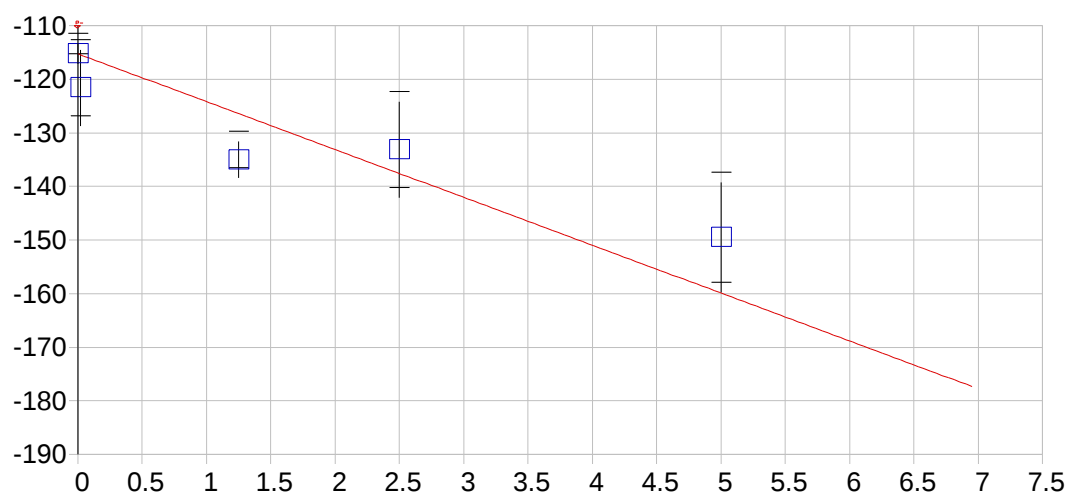


U 367.007 { 92 }

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4548.026690 Re-Slope: 1.000000
A1 (Gain): -312.216124 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.531823 Status: Warning Negative Gain
Std Error of Est: 8.495818
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	4548.2	21.6	1
S1	.02000	.67401	.654	3270.	4337.6	20.3	1
S3	1.2500	1.8858	.636	50.9	3959.2	37.7	1
S4	2.5000	2.7568	.257	10.3	3687.3	12.9	1
S5	5.0000	3.4534	-1.55	-30.9	3469.8	20.6	1



U 385.958 { 87}

Date of Fit: 2/28/2019 17:10:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -115.270930 Re-Slope: 1.000000

A1 (Gain): -8.926035 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.509897

Status: Warning Negative Gain

Std Error of Est: 0.257337

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	-115.26	1.87	1
S1	.02000	.71029	.690	3450.	-121.61	7.09	1
S3	1.2500	2.2145	.965	77.2	-135.04	3.41	1
S4	2.5000	2.0034	-.497	-19.9	-133.15	8.91	1
S5	5.0000	3.8418	-1.16	-23.2	-149.56	10.3	1

Sample Name: S0 Acquired: 2/28/2019 12:23:31 Type: Cal
Method: P4-ICP2(v2902) 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	-.00004	-.00008	.00426	-.00008	.00052	.00029	.10188	.00013
Stddev	.00014	.00015	.00008	.00007	.00012	.00003	.00236	.00001
%RSD	325.13	176.54	1.7968	83.239	22.300	11.477	2.3196	11.192

#1	-.00007	-.00008	.00428	-.00016	.00048	.00028	.10044	.00014
#2	-.00017	.00006	.00417	-.00004	.00065	.00027	.10461	.00012
#3	.00011	-.00023	.00432	-.00005	.00043	.00033	.10060	.00014

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	-.00266	.00018	-.00027	-.00053	.00007	.01066	-.00011	-.00046
Stddev	.00027	.00075	.00009	.00022	.00010	.00027	.00007	.00015
%RSD	10.335	417.66	35.382	40.824	147.91	2.5688	61.228	32.676

#1	-.00281	.00093	-.00025	-.00066	-.00002	.01078	-.00013	-.00048
#2	-.00234	-.00058	-.00037	-.00028	.00005	.01086	-.00004	-.00031
#3	-.00283	.00020	-.00018	-.00065	.00018	.01035	-.00017	-.00061

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	-.00660	.00108	.05866	.00038	.00358	-.05209	.00071	.00020
Stddev	.00009	.00010	.00571	.00005	.00009	.00147	.00002	.00008
%RSD	1.3994	8.9375	9.7293	13.245	2.4884	2.8213	2.3997	39.969

#1	-.00671	.00104	.05383	.00036	.00365	-.05168	.00072	.00026
#2	-.00654	.00102	.05718	.00034	.00348	-.05087	.00072	.00023
#3	-.00656	.00119	.06496	.00043	.00360	-.05373	.00069	.00011

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	.00060	.01048	.00146	.00151	.04942	-.0032	-.00980	4548.2
Stddev	.00007	.00150	.00008	.00053	.00296	.0001	.00104	21.6
%RSD	12.363	14.311	5.1638	35.483	5.9832	3.993	10.580	.47531

#1	.00060	.00900	.00142	.00193	.04655	-.0032	-.00906	4531.2
#2	.00068	.01044	.00141	.00169	.04927	-.0033	-.01099	4540.9
#3	.00053	.01199	.00155	.00090	.05245	-.0031	-.00935	4572.6

Sample Name: S0 Acquired: 2/28/2019 12:23:31 Type: Cal
Method: P4-ICP2(v2902) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-115.26
Stddev	1.87
%RSD	1.6180

#1	-117.42
#2	-114.20
#3	-114.18

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.8	43527.	3869.7	20.706	4208.1
Stddev	3.2	213.	11.0	1.431	3.7
%RSD	.08022	.48947	.28320	6.9091	.08753

#1	3970.2	43459.	3871.8	21.750	4212.3
#2	3971.9	43357.	3879.5	21.292	4205.3
#3	3976.3	43766.	3857.9	19.075	4206.8

Sample Name: S1 Acquired: 2/28/2019 12:27:56 Type: Cal
Method: P4-ICP2(v2902) 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	.00088	.00454	.00824	.00116	.00645	.00114	.17837	.00609
Stddev	.00003	.00032	.00020	.00006	.00022	.00008	.00177	.00005
%RSD	3.8598	7.0435	2.4673	5.5204	3.4105	7.3008	.99503	.81027

#1	.00092	.00418	.00828	.00110	.00658	.00111	.17863	.00605
#2	.00087	.00477	.00802	.00117	.00620	.00107	.18000	.00607
#3	.00086	.00469	.00842	.00123	.00657	.00123	.17648	.00614

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	.01405	.00210	.03606	.01257	.05455	.02920	.02213	.00342
Stddev	.00040	.00017	.00059	.00037	.00149	.00022	.00030	.00009
%RSD	2.8177	8.2845	1.6223	2.9033	2.7329	.75355	1.3421	2.6086

#1	.01359	.00201	.03548	.01220	.05349	.02896	.02182	.00344
#2	.01429	.00198	.03665	.01293	.05390	.02925	.02242	.00332
#3	.01427	.00230	.03605	.01260	.05626	.02939	.02216	.00350

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	.01038	.08993	.11246	.00409	.00057	.17450	.01097	.01222
Stddev	.00009	.00122	.00144	.00029	.00015	.00245	.00041	.00017
%RSD	.89946	1.3551	1.2838	7.1876	26.646	1.4042	3.7473	1.3804

#1	.01031	.08852	.11081	.00383	.00074	.17361	.01065	.01230
#2	.01049	.09060	.11312	.00403	.00046	.17727	.01143	.01234
#3	.01035	.09067	.11346	.00441	.00051	.17262	.01083	.01203

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07764	-.0014	.19027	4337.6	-121.61
Stddev	.00165	.0001	.00068	20.3	7.09
%RSD	2.1258	3.862	.35782	.46814	5.8276

#1	.07595	-.0014	.18984	4330.1	-124.03
#2	.07925	-.0014	.19106	4360.6	-127.17
#3	.07770	-.0015	.18992	4322.1	-113.63

Sample Name: S1 Acquired: 2/28/2019 12:27:56 Type: Cal
Method: P4-ICP2(v2902) 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	3952.0	42918.	3883.5	18.778	4135.2
Stddev	10.5	41.	9.5	1.292	1.5
%RSD	.26462	.09663	.24520	6.8799	.03735
#1	3941.1	42872.	3892.2	18.750	4133.8
#2	3962.0	42951.	3873.3	20.083	4136.8
#3	3952.8	42931.	3885.1	17.500	4135.0

Sample Name: S2 Acquired: 2/28/2019 12:32:22 Type: Cal
Method: P4-ICP2(v2902) 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	.09131	.01448	.54124	.12713
Stddev	.00119	.00023	.00748	.00466
%RSD	1.3062	1.5695	1.3817	3.6630

#1	.08995	.01471	.53294	.12655
#2	.09219	.01448	.54746	.13204
#3	.09179	.01426	.54331	.12279

Int. Std.	Y_3710
Units	Cts/S
Avg	3970.2
Stddev	21.0
%RSD	.52999

#1	3970.4
#2	3991.1
#3	3949.1

Sample Name: S3 Acquired: 2/28/2019 12:36:37 Type: Cal
Method: P4-ICP2(v2902) 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	.10177	.23039	.62367	.12575	.24419	.03455	3.4934	.11106
Stddev	.00026	.00070	.00191	.00072	.00162	.00009	.0044	.00011
%RSD	.25836	.30335	.30641	.57160	.66287	.25427	.12555	.10263
#1	.10197	.23093	.62588	.12642	.24606	.03461	3.4904	.11098
#2	.10187	.23063	.62250	.12499	.24333	.03457	3.4915	.11119
#3	.10147	.22960	.62263	.12584	.24319	.03445	3.4984	.11101
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0783	.53877	.10753	1.2367	.32531	.91754	1.5426	.08552
Stddev	.0029	.00285	.00017	.0013	.00018	.00245	.0008	.00051
%RSD	.09520	.52949	.15879	.10094	.05457	.26686	.05291	.60025
#1	3.0805	.53549	.10770	1.2355	.32548	.91685	1.5432	.08504
#2	3.0794	.54009	.10752	1.2366	.32531	.91552	1.5417	.08546
#3	3.0749	.54072	.10736	1.2380	.32513	.92027	1.5429	.08606
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	.72151	.13127	2.8944	.25663	2.2671	1.0273	1.2292	.09453
Stddev	.00024	.00047	.0076	.00072	.0019	.0022	.0020	.00048
%RSD	.03335	.35912	.26257	.27863	.08254	.21414	.16085	.51224
#1	.72149	.13179	2.8857	.25691	2.2680	1.0249	1.2311	.09403
#2	.72177	.13087	2.8995	.25582	2.2684	1.0290	1.2292	.09457
#3	.72129	.13115	2.8980	.25717	2.2650	1.0282	1.2272	.09499
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	.01647	.94827	.51315	.60428	2.7190	.2086	22.689	3959.2
Stddev	.00009	.00190	.00237	.00346	.0060	.0005	.118	37.7
%RSD	.56302	.20017	.46230	.57293	.21966	.2375	.51971	.95305
#1	.01637	.94846	.51173	.60028	2.7121	.2083	22.571	3916.5
#2	.01655	.94628	.51588	.60624	2.7223	.2092	22.689	3973.3
#3	.01650	.95006	.51182	.60630	2.7225	.2084	22.807	3987.9

Sample Name: S3 Acquired: 2/28/2019 12:36:37 Type: Cal
Method: P4-ICP2(v2902) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-135.04
Stddev	3.41
%RSD	2.5260

#1	-138.97
#2	-132.91
#3	-133.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.2	41478.	3997.5	18.481	3887.4
Stddev	8.5	144.	3.2	1.779	6.9
%RSD	.21853	.34780	.07889	9.6249	.17742

#1	3882.6	41313.	3995.5	20.226	3879.6
#2	3898.7	41537.	4001.1	18.548	3889.6
#3	3895.3	41583.	3995.9	16.670	3892.9

Sample Name: S4 Acquired: 2/28/2019 12:40:37 Type: Cal
Method: P4-ICP2(v2902) 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	.20952	.47200	1.2800	.25851	.49960	.07081	6.9467	.22735
Stddev	.00083	.00156	.0015	.00114	.00095	.00038	.0133	.00052
%RSD	.39683	.33107	.11677	.44171	.19107	.53924	.19076	.22684

#1	.20927	.47061	1.2812	.25726	.49871	.07074	6.9620	.22706
#2	.21045	.47369	1.2805	.25950	.50061	.07047	6.9393	.22704
#3	.20885	.47169	1.2783	.25878	.49948	.07123	6.9388	.22794

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4191	1.0974	.22120	2.5675	.65560	1.8349	3.1348	.17292
Stddev	.0034	.0008	.00095	.0028	.00049	.0121	.0083	.00097
%RSD	.05375	.07177	.42834	.10766	.07418	.65898	.26374	.55822

#1	6.4172	1.0965	.22218	2.5652	.65569	1.8379	3.1441	.17183
#2	6.4231	1.0977	.22111	2.5706	.65508	1.8451	3.1282	.17329
#3	6.4171	1.0980	.22029	2.5668	.65604	1.8215	3.1320	.17365

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	1.4873	.26739	5.7682	.52259	4.7719	2.1185	2.5063	.19276
Stddev	.0018	.00060	.0147	.00126	.0008	.0074	.0017	.00078
%RSD	.12220	.22405	.25487	.24097	.01624	.34734	.06873	.40586

#1	1.4894	.26804	5.7619	.52404	4.7725	2.1182	2.5045	.19299
#2	1.4867	.26726	5.7577	.52180	4.7721	2.1113	2.5062	.19189
#3	1.4859	.26686	5.7850	.52193	4.7710	2.1260	2.5080	.19341

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	.03440	1.9021	1.0577	1.2310	5.4404	.4455	46.234	3687.3
Stddev	.00017	.0071	.0015	.0018	.0103	.0002	.060	12.9
%RSD	.50120	.37371	.14311	.14328	.18954	.0531	.12886	.35031

#1	.03435	1.8990	1.0560	1.2296	5.4371	.4452	46.200	3678.3
#2	.03459	1.9103	1.0585	1.2330	5.4520	.4456	46.303	3681.6
#3	.03425	1.8972	1.0587	1.2304	5.4322	.4456	46.200	3702.1

Sample Name: S4 Acquired: 2/28/2019 12:40:37 Type: Cal
 Method: P4-ICP2(v2902) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-133.15
Stddev	8.91
%RSD	6.6947

#1	-140.78
#2	-135.33
#3	-123.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.6	40271.	3982.3	17.076	3700.5
Stddev	3.2	55.	14.5	.622	3.2
%RSD	.08383	.13706	.36519	3.6404	.08529

#1	3799.9	40228.	3976.3	17.660	3697.1
#2	3805.2	40334.	3971.6	16.422	3703.4
#3	3799.5	40252.	3998.8	17.145	3700.8

Sample Name: S5 Acquired: 2/28/2019 12:44:38 Type: Cal
Method: P4-ICP2(v2902) 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	.42551	.94545	2.5994	.52136	1.0109	.14655	13.983	.46067
Stddev	.00122	.00055	.0071	.00212	.0017	.00079	.052	.00123
%RSD	.28766	.05798	.27336	.40655	.16990	.53782	.37476	.26709
#1	.42530	.94601	2.6076	.52284	1.0127	.14572	13.977	.45929
#2	.42683	.94544	2.5943	.52230	1.0106	.14663	14.039	.46108
#3	.42441	.94492	2.5965	.51893	1.0093	.14729	13.935	.46165
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	13.108	2.1730	.44527	5.2639	1.2965	3.5458	6.2625	.34444
Stddev	.027	.0092	.00239	.0094	.0038	.0198	.0142	.00305
%RSD	.20360	.42328	.53598	.17755	.29497	.55724	.22647	.88424
#1	13.139	2.1631	.44399	5.2747	1.3001	3.5244	6.2482	.34128
#2	13.089	2.1813	.44380	5.2588	1.2969	3.5633	6.2630	.34735
#3	13.096	2.1747	.44802	5.2582	1.2925	3.5497	6.2765	.34469
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0226	.54276	11.670	1.0594	9.8740	4.3263	5.0135	.38232
Stddev	.0047	.00186	.064	.0034	.0187	.0180	.0127	.00250
%RSD	.15710	.34260	.54967	.31723	.18906	.41575	.25424	.65297
#1	3.0275	.54216	11.640	1.0559	9.8949	4.3158	5.0266	.38028
#2	3.0180	.54128	11.744	1.0598	9.8682	4.3471	5.0129	.38511
#3	3.0224	.54485	11.626	1.0626	9.8590	4.3160	5.0011	.38158
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	.07216	3.7343	2.1545	2.4713	10.845	.9293	92.264	3469.8
Stddev	.00031	.0141	.0033	.0095	.042	.0025	.677	20.6
%RSD	.42811	.37869	.15437	.38591	.38557	.2690	.73414	.59231
#1	.07251	3.7182	2.1581	2.4613	10.808	.9322	91.570	3474.5
#2	.07194	3.7449	2.1516	2.4804	10.891	.9275	92.923	3487.7
#3	.07204	3.7398	2.1537	2.4721	10.836	.9283	92.298	3447.3

Sample Name: S5 Acquired: 2/28/2019 12:44:38 Type: Cal
 Method: P4-ICP2(v2902) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-149.56
Stddev	10.27
%RSD	6.8671

#1	-139.89
#2	-160.34
#3	-148.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.9	38999.	3985.9	17.777	3496.9
Stddev	13.1	86.	11.4	.227	10.1
%RSD	.35419	.22162	.28704	1.2753	.29000

#1	3680.5	39029.	3990.6	17.560	3485.6
#2	3698.0	39067.	3972.9	17.757	3505.1
#3	3706.2	38902.	3994.2	18.013	3500.2

Sample Name: ICV01 Acquired: 2/28/2019 12:48:43 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0256	1.0372	1.0268	1.0382	1.0356	2.5868	.50548
Stddev	.0003	.0031	.0027	.0021	.0030	.0327	.00468
%RSD	.02627	.30265	.26659	.20640	.28618	1.2650	.92577

#1	1.0254	1.0402	1.0281	1.0402	1.0384	2.5494	.50446
#2	1.0255	1.0374	1.0286	1.0385	1.0359	2.6104	.51058
#3	1.0259	1.0339	1.0236	1.0359	1.0325	2.6005	.50139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49956	.49559	10.465	F .51922	.51157	F .53032	F 5.3425
Stddev	.00092	.00114	.046	.00071	.00132	.00249	.0507
%RSD	.18336	.23056	.44176	.13699	.25726	.47035	.94820

#1	.49885	.49656	10.467	.52001	.51148	.53231	5.3851
#2	.49923	.49588	10.510	.51903	.51293	.53112	5.3560
#3	.50059	.49433	10.417	.51863	.51030	.52752	5.2865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .52562	6.2020	.51139	.50811	9.9814	.50878	.99859
Stddev	.00082	.0195	.00116	.00224	.0451	.00172	.00270
%RSD	.15638	.31485	.22669	.44038	.45223	.33748	.27073

#1	.52533	6.2175	.51239	.51052	9.9611	.50992	.99965
#2	.52499	6.2084	.51166	.50770	10.033	.50680	1.0006
#3	.52655	6.1801	.51012	.50610	9.9499	.50960	.99552

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.167	2.6112	2.5504	F 2.7472	2.5743	2.5340	2.6018
Stddev	.048	.0086	.0150	.0035	.0231	.0086	.0183
%RSD	.46754	.32795	.58960	.12690	.89662	.33965	.70310

#1	10.141	2.6195	2.5426	2.7496	2.5972	2.5304	2.6072
#2	10.222	2.6115	2.5677	2.7489	2.5747	2.5438	2.6168
#3	10.138	2.6024	2.5408	2.7432	2.5510	2.5278	2.5814

Sample Name: ICV01 Acquired: 2/28/2019 12:48:43 Type: Unk
Method: P4-ICP2(v2902) 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 3.0941	F 2.865	F 3.1269	F 2.6310	F<.00000
Stddev	.0151	.008	.0176	.0687	.85041
%RSD	.48897	.2768	.56269	2.6122	13.314
#1	3.0994	2.856	3.1355	2.6593	-7.3684
#2	3.1058	2.872	3.1386	2.5526	-5.9316
#3	3.0770	2.866	3.1067	2.6811	-5.8617
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.9	40685.	4044.0	18.171	3884.9
Stddev	12.7	112.	24.2	1.124	12.7
%RSD	.33054	.27500	.59749	6.1883	.32788
#1	3839.9	40651.	4021.9	17.493	3880.2
#2	3843.2	40810.	4040.2	19.469	3875.1
#3	3863.4	40594.	4069.8	17.552	3899.3

Sample Name: LLICV01 Acquired: 2/28/2019 12:52:49 Type: Unk
Method: P4-ICP2(v2902) 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	.01891	.04524	.01040	.02258	.05690	.11500	.08966
Stddev	.00268	.00118	.00073	.00226	.00066	.01439	.00092
%RSD	14.183	2.6066	7.0268	10.030	1.1594	12.512	1.0248

#1	.01756	.04660	.01109	.02411	.05673	.10124	.09025
#2	.01717	.04459	.00963	.02366	.05633	.11382	.09013
#3	.02200	.04453	.01050	.01998	.05762	.12994	.08860

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	.00572	2.0930	.01062	.03272	.02171	.11256
Stddev	.00007	.00003	.0092	.00050	.00019	.00037	.00406
%RSD	1.0613	.59138	.44079	4.6595	.57233	1.7263	3.6031

#1	.00642	.00573	2.0823	.01005	.03251	.02144	.10981
#2	.00636	.00569	2.0988	.01087	.03288	.02154	.11722
#3	.00628	.00575	2.0978	.01095	.03276	.02213	.11067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02264	2.2383	.04272	.01173	1.9135	.04471	.04089
Stddev	.00012	.0242	.00034	.00023	.0111	.00011	.00016
%RSD	.54815	1.0806	.78529	2.0003	.57951	.25420	.39831

#1	.02272	2.2603	.04236	.01189	1.9007	.04459	.04106
#2	.02249	2.2422	.04302	.01184	1.9195	.04471	.04088
#3	.02269	2.2124	.04277	.01146	1.9203	.04482	.04073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9864	.20221	.10305	F -.01451	.41677	.04073	.04119
Stddev	.0174	.00038	.00512	.01358	.00690	.00051	.00159
%RSD	.87659	.18561	4.9697	93.583	1.6552	1.2538	3.8571

#1	2.0043	.20264	.09907	-.02990	.41881	.04097	.04295
#2	1.9856	.20196	.10883	-.00945	.42242	.04015	.04075
#3	1.9695	.20204	.10124	-.00419	.40908	.04109	.03986

Sample Name: LLICV01 Acquired: 2/28/2019 12:52:49 Type: Unk
 Method: P4-ICP2(v2902) 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	.01755	.0181	.02033	F 2.2645	F 2.0601
Stddev	.00399	.0014	.00012	.1708	1.1844
%RSD	22.734	7.645	.59406	7.5417	57.492
#1	.01295	.0170	.02033	2.3061	1.3079
#2	.02006	.0196	.02045	2.0767	1.4470
#3	.01963	.0175	.02021	2.4106	3.4254
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3941.7	41777.	4121.9	19.347	4148.1
Stddev	7.4	227.	43.8	1.117	1.7
%RSD	.18722	.54371	1.0621	5.7734	.04048
#1	3950.0	41709.	4139.9	18.058	4150.0
#2	3935.8	42030.	4072.0	20.033	4147.3
#3	3939.2	41591.	4153.8	19.950	4147.0

Sample Name: ICB01 Acquired: 2/28/2019 12:57:13 Type: Unk
Method: P4-ICP2(v2902) 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	-.00029	.00094	-.00248	.00148	.00079	-.01033	-.01245
Stddev	.00200	.00124	.00158	.00542	.00082	.01431	.00674
%RSD	685.00	131.62	63.714	366.39	103.94	138.43	54.139

#1	.00200	.00156	-.00077	.00649	-.00010	.00012	-.00567
#2	-.00122	-.00049	-.00389	-.00428	.00152	-.02664	-.01915
#3	-.00166	.00175	-.00279	.00223	.00095	-.00449	-.01254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	-.00148	.00006	-.00020	.00026	-.00138
Stddev	.00005	.00004	.03460	.00040	.00010	.00009	.00036
%RSD	209.63	70.833	2332.2	675.71	52.723	36.657	26.191

#1	.00005	.00005	-.00008	.00049	-.00024	.00022	-.00102
#2	-.00003	.00003	-.03676	-.00030	-.00008	.00019	-.00174
#3	.00006	.00011	.03239	-.00002	-.00027	.00037	-.00137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.02206	.00008	.00043	-.12659	.00059	-.00025
Stddev	.00008	.07367	.00020	.00044	.00436	.00051	.00007
%RSD	1170.2	333.89	248.21	103.21	3.4411	85.714	29.045

#1	.00008	.10614	.00021	.00031	-.12302	.00064	-.00032
#2	-.00008	-.03118	.00018	.00006	-.12531	.00107	-.00018
#3	-.00002	-.00876	-.00015	.00092	-.13145	.00006	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04012	-.00040	-.00339	F -.02616	.00222	-.00092	.00114
Stddev	.01034	.00021	.00263	.01667	.00143	.00047	.00245
%RSD	25.781	51.244	77.601	63.738	64.564	51.136	214.69

#1	-.02818	-.00017	-.00148	-.04464	.00387	-.00058	.00356
#2	-.04597	-.00046	-.00640	-.02160	.00157	-.00072	.00121
#3	-.04622	-.00057	-.00230	-.01224	.00123	-.00145	-.00134

Sample Name: ICB01 Acquired: 2/28/2019 12:57:13 Type: Unk
 Method: P4-ICP2(v2902) 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	-0.00342	-0.0015	-0.00004	F 2.2812	F .47501
Stddev	.00069	.0017	.00011	.1312	.31323
%RSD	20.267	113.5	263.99	5.7526	65.943
#1	-0.00304	-0.0020	.00008	2.1608	.20668
#2	-0.00300	-0.0028	-0.00009	2.2617	.81921
#3	-0.00422	.0004	-0.00011	2.4211	.39914
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.0	41640.	4079.5	19.164	4158.1
Stddev	11.5	129.	13.7	.977	6.4
%RSD	.29206	.31090	.33545	5.0980	.15366
#1	3911.4	41514.	4084.3	20.283	4154.0
#2	3923.4	41773.	4064.1	18.483	4165.5
#3	3934.3	41633.	4090.2	18.725	4154.8

Sample Name: CRI01 Acquired: 2/28/2019 13:01:41 Type: Unk
Method: P4-ICP2(v2902) 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	.01962	.04614	.01128	.02045	.05635	.10451	.08905
Stddev	.00367	.00075	.00075	.00302	.00141	.00782	.00394
%RSD	18.704	1.6339	6.6509	14.752	2.4978	7.4808	4.4298

#1	.02318	.04700	.01110	.01800	.05795	.10541	.08477
#2	.01585	.04585	.01064	.02382	.05527	.09628	.08985
#3	.01982	.04558	.01211	.01952	.05584	.11184	.09254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00577	2.0990	.01074	.03261	.02170	.10906
Stddev	.00008	.00009	.0120	.00059	.00014	.00052	.00090
%RSD	1.3112	1.5385	.57136	5.4606	.41717	2.4045	.82745

#1	.00624	.00588	2.1013	.01132	.03276	.02216	.10818
#2	.00637	.00572	2.0861	.01015	.03252	.02181	.10998
#3	.00622	.00572	2.1098	.01075	.03253	.02113	.10901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02260	2.2768	.04294	.01191	1.8750	.04445	.04104
Stddev	.00013	.0077	.00026	.00053	.0169	.00021	.00014
%RSD	.55378	.33689	.61663	4.4583	.89922	.47874	.33763

#1	.02264	2.2760	.04324	.01171	1.8945	.04428	.04111
#2	.02269	2.2696	.04280	.01251	1.8664	.04437	.04088
#3	.02245	2.2848	.04277	.01151	1.8642	.04469	.04113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9585	.20214	.10717	F -.02101	.40988	.03937	.04179
Stddev	.0528	.00147	.01171	.01211	.00507	.00039	.00192
%RSD	2.6980	.72624	10.931	57.628	1.2376	.98300	4.5975

#1	1.9092	.20344	.12068	-.02997	.40718	.03967	.04127
#2	1.9520	.20055	.09988	-.00724	.41573	.03951	.04017
#3	2.0143	.20242	.10094	-.02582	.40672	.03893	.04391

Sample Name: CRI01 Acquired: 2/28/2019 13:01:41 Type: Unk
 Method: P4-ICP2(v2902) 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	F .01096	.0177	.02050	F 2.6217	F .19039
Stddev	.00253	.0008	.00004	.0152	.17860
%RSD	23.084	4.722	.17327	.57850	93.804
#1	.01158	.0171	.02051	2.6231	.19371
#2	.00817	.0186	.02053	2.6059	.01016
#3	.01312	.0173	.02046	2.6362	.36731
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3925.9	41367.	4110.5	19.433	4137.3
Stddev	7.6	58.	17.9	2.630	6.5
%RSD	.19413	.14028	.43667	13.532	.15822
#1	3918.3	41367.	4120.9	20.717	4133.5
#2	3933.6	41308.	4089.8	16.408	4144.8
#3	3925.8	41424.	4120.8	21.175	4133.5

Sample Name: ICSA01 Acquired: 2/28/2019 13:06:06 Type: Unk
Method: P4-ICP2(v2902) 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	-.00401	-.00159	-.00287	.00288	-.00215	288.13	-.00955
Stddev	.00342	.00425	.00239	.00403	.00235	.71	.00169
%RSD	85.315	267.44	83.268	139.74	109.24	.24797	17.728

#1	-.00235	-.00511	-.00533	.00748	-.00070	288.74	-.00761
#2	-.00794	-.00279	-.00271	.00001	-.00486	288.31	-.01031
#3	-.00173	.00313	-.00056	.00116	-.00089	287.35	-.01074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00447	254.55	.05918	-.00069	.00359	94.396
Stddev	.00013	.00010	1.03	.00035	.00024	.00064	.372
%RSD	8.1612	2.2576	.40311	.59228	34.484	17.875	.39422

#1	.00179	-.00445	253.58	.05949	-.00066	.00286	93.999
#2	.00162	-.00458	254.44	.05926	-.00046	.00384	94.452
#3	.00152	-.00438	255.62	.05880	-.00093	.00407	94.736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01525	264.47	-.00031	-.00921	-.06135	.00183	-.01472
Stddev	.00011	1.56	.00017	.00029	.02581	.00030	.00017
%RSD	.69525	.58996	55.151	3.1090	42.063	16.181	1.1540

#1	.01521	262.67	-.00028	-.00941	-.09115	.00217	-.01458
#2	.01517	265.42	-.00049	-.00933	-.04647	.00166	-.01468
#3	.01537	265.32	-.00015	-.00888	-.04643	.00166	-.01491

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02991	.00136	.06793	F -.03647	-.00751	.01035	-.00188
Stddev	.01358	.00022	.00740	.03732	.00054	.00072	.00187
%RSD	45.384	16.231	10.896	102.32	7.1460	6.9564	99.652

#1	.01868	.00127	.06250	-.04258	-.00689	.01115	.00022
#2	.04500	.00161	.06492	-.07036	-.00786	.00975	-.00336
#3	.02606	.00119	.07636	.00353	-.00778	.01016	-.00249

Sample Name: ICSA01 Acquired: 2/28/2019 13:06:06 Type: Unk
 Method: P4-ICP2(v2902) 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	F .02502	-.0011	.00169	4.6074	<.00000
Stddev	.00360	.0026	.00026	.0566	1.3576
%RSD	14.397	227.7	15.476	1.2273	.59329
#1	.02196	-.0020	.00167	4.6661	-227.38
#2	.02899	.0018	.00144	4.5532	-229.05
#3	.02411	-.0031	.00196	4.6030	-230.07
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.4	35796.	3951.9	17.325	3308.3
Stddev	22.1	187.	6.2	1.082	9.2
%RSD	.62633	.52295	.15619	6.2445	.27695
#1	3525.2	35623.	3958.2	17.292	3308.7
#2	3539.7	35772.	3951.6	18.422	3317.2
#3	3496.4	35995.	3945.9	16.260	3298.9

Sample Name: ICSAB01 Acquired: 2/28/2019 13:10:37 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09491	.08766	.04892	.05063	.61335	289.51	.46180	.52664
Stddev	.00481	.00206	.00048	.00460	.01048	.84	.00592	.00181
%RSD	5.0632	2.3551	.97469	9.0920	1.7079	.28944	1.2815	.34427

#1	.08949	.08888	.04865	.04573	.60184	290.42	.46249	.52459
#2	.09657	.08527	.04947	.05128	.61587	288.76	.45556	.52803
#3	.09866	.08882	.04864	.05487	.62233	289.35	.46734	.52730

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97708	253.49	.55900	.49554	.49173	94.443	.50907	262.14
Stddev	.02136	.44	.00168	.01126	.01163	.272	.00179	.94
%RSD	2.1865	.17313	.30064	2.2717	2.3660	.28792	.35102	.35704

#1	.95668	253.61	.56016	.48395	.48024	94.618	.50873	262.36
#2	.97528	253.00	.55976	.49623	.49144	94.130	.51100	261.11
#3	.99929	253.85	.55707	.50644	.50351	94.581	.50747	262.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96831	.17387	-.06188	.48369	1.0520	.08423	1.0380	1.0216
Stddev	.02232	.00058	.00672	.00185	.0226	.03022	.0279	.0193
%RSD	2.3046	.33503	10.853	.38337	2.1506	35.877	2.6909	1.8885

#1	.94765	.17386	-.06620	.48471	1.0307	.07506	1.0087	1.0421
#2	.96530	.17330	-.06531	.48481	1.0495	.05966	1.0409	1.0190
#3	.99198	.17446	-.05414	.48155	1.0757	.11798	1.0644	1.0037

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0904	.89476	1.0422	.99072	1.1720	1.130	1.0932	4.6359
Stddev	.0081	.00612	.0264	.00559	.0026	.031	.0105	.0323
%RSD	.74407	.68402	2.5332	.56377	.22272	2.710	.96335	.69609

#1	1.0995	.88934	1.0167	.99110	1.1750	1.101	1.1054	4.6418
#2	1.0875	.89354	1.0406	.98496	1.1704	1.126	1.0875	4.6011
#3	1.0841	.90139	1.0694	.99611	1.1706	1.162	1.0867	4.6649

Sample Name: ICSAB01 Acquired: 2/28/2019 13:10:37 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.6335
%RSD	.70796

#1	-230.39
#2	-229.31
#3	-232.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.5	35880.	3982.0	15.925	3285.3
Stddev	1.9	147.	21.3	.734	10.7
%RSD	.05415	.41012	.53617	4.6077	.32698

#1	3490.4	35712.	3972.1	15.271	3274.1
#2	3493.6	35986.	4006.5	15.785	3295.5
#3	3490.4	35942.	3967.4	16.718	3286.3

Sample Name: CCV01 Acquired: 2/28/2019 13:19:10 Type: Unk
Method: P4-ICP2(v2902) 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	5.1294	5.1082	5.1147	5.1526	5.1385	F 10.533	9.8232	.25855
Stddev	.0184	.0147	.0081	.0158	.0114	.065	.1020	.00133
%RSD	.35947	.28850	.15844	.30615	.22126	.61901	1.0388	.51499
#1	5.1084	5.1183	5.1057	5.1345	5.1313	10.555	9.8596	.25997
#2	5.1430	5.1151	5.1167	5.1598	5.1327	10.584	9.7079	.25834
#3	5.1369	5.0913	5.1215	5.1635	5.1516	10.460	9.9020	.25733
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5296	25.471	F 1.0510	2.5596	1.2816	5.1018	2.6069	25.134
Stddev	.0029	.110	.0049	.0029	.0026	.0556	.0109	.111
%RSD	.11318	.43253	.47015	.11290	.19992	1.0902	.41677	.44080
#1	2.5302	25.558	1.0566	2.5583	1.2798	5.1103	2.6177	25.090
#2	2.5265	25.347	1.0491	2.5576	1.2805	5.0424	2.6071	25.053
#3	2.5322	25.509	1.0473	2.5629	1.2845	5.1527	2.5959	25.261
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5098	F 1.3224	23.799	2.5189	2.5678	23.942	5.1224	4.9301
Stddev	.0009	.0034	.231	.0105	.0010	.214	.0049	.0206
%RSD	.03616	.25558	.97010	.41779	.03771	.89500	.09578	.41736
#1	2.5089	1.3248	23.846	2.5274	2.5671	24.079	5.1167	4.9063
#2	2.5107	1.3185	23.549	2.5222	2.5674	23.695	5.1255	4.9415
#3	2.5098	1.3239	24.003	2.5071	2.5689	24.053	5.1249	4.9424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0119	4.9824	5.0012	5.1040	4.9569	5.049	5.1147	F 3.9716
Stddev	.0454	.0578	.0034	.0164	.0478	.012	.0448	.0597
%RSD	.90687	1.1605	.06840	.32227	.96355	.2302	.87592	1.5043
#1	5.0391	4.9924	4.9973	5.1063	4.9682	5.037	5.1271	3.9441
#2	4.9595	4.9202	5.0034	5.0866	4.9045	5.050	5.0650	3.9306
#3	5.0373	5.0345	5.0030	5.1192	4.9980	5.060	5.1519	4.0402

Sample Name: CCV01 Acquired: 2/28/2019 13:19:10 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0559
Stddev	1.5283
%RSD	37.680

#1	5.6983
#2	3.7936
#3	2.6757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.4	38553.	4066.3	17.075	3624.8
Stddev	11.2	84.	45.7	.209	4.3
%RSD	.30207	.21801	1.1245	1.2250	.11788

#1	3723.3	38466.	4057.7	17.103	3629.7
#2	3703.6	38634.	4115.7	17.268	3622.1
#3	3704.2	38557.	4025.5	16.853	3622.5

Sample Name: LLCCV01 Acquired: 2/28/2019 13:23:10 Type: Unk
Method: P4-ICP2(v2902) 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	.01917	.04593	.01135	.02364	.05728	.11541	.09028
Stddev	.00164	.00145	.00033	.00121	.00205	.00241	.00152
%RSD	8.5353	3.1479	2.8732	5.1201	3.5842	2.0896	1.6816

#1	.01818	.04444	.01148	.02457	.05883	.11286	.08859
#2	.02106	.04732	.01098	.02408	.05806	.11572	.09152
#3	.01827	.04604	.01160	.02227	.05495	.11766	.09074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	.00601	2.1269	.01091	.03342	.02167	.11260
Stddev	.00016	.00005	.0100	.00044	.00016	.00030	.00080
%RSD	2.4431	.75318	.46907	4.0775	.46714	1.4047	.70946

#1	.00659	.00606	2.1229	.01048	.03326	.02149	.11270
#2	.00650	.00598	2.1195	.01137	.03357	.02202	.11334
#3	.00628	.00598	2.1382	.01087	.03344	.02150	.11176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02304	2.2030	.04334	.01175	1.8546	.04442	.04216
Stddev	.00010	.0348	.00041	.00023	.0112	.00035	.00023
%RSD	.45003	1.5812	.93836	1.9575	.60158	.78395	.53963

#1	.02312	2.1696	.04298	.01165	1.8555	.04466	.04237
#2	.02292	2.2391	.04378	.01201	1.8430	.04458	.04220
#3	.02307	2.2003	.04326	.01159	1.8653	.04402	.04192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9298	.20575	.10155	F -.02523	.40903	.03967	.04394
Stddev	.0050	.00008	.00982	.00089	.00386	.00078	.00125
%RSD	.25950	.03777	9.6747	3.5335	.94330	1.9552	2.8516

#1	1.9272	.20580	.09118	-.02468	.41300	.03956	.04482
#2	1.9356	.20580	.11071	-.02625	.40529	.03896	.04450
#3	1.9267	.20566	.10276	-.02475	.40881	.04050	.04251

Sample Name: LLCCV01 Acquired: 2/28/2019 13:23:10 Type: Unk
 Method: P4-ICP2(v2902) 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	F .01569	.0171	.02119	F 3.1491	F .35032
Stddev	.00155	.0008	.00018	.1099	.80483
%RSD	9.8929	4.648	.82584	3.4904	229.74
#1	.01507	.0181	.02124	3.2379	.80212
#2	.01746	.0168	.02134	3.1832	.82774
#3	.01455	.0166	.02100	3.0261	-.57890
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3854.6	40487.	4108.3	17.792	4070.9
Stddev	8.4	227.	9.8	.512	3.9
%RSD	.21734	.56120	.23934	2.8778	.09685
#1	3850.7	40235.	4099.1	17.208	4071.6
#2	3864.2	40550.	4107.1	18.167	4074.4
#3	3848.9	40677.	4118.7	18.000	4066.6

Sample Name: CCB01 Acquired: 2/28/2019 13:27:37 Type: Unk
Method: P4-ICP2(v2902) 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	-.00324	-.00015	-.00279	.00212	-.00008	.00518	-.01284
Stddev	.00229	.00065	.00097	.00229	.00106	.00512	.00251
%RSD	70.535	445.15	34.575	108.05	1273.1	98.861	19.586

#1	-.00588	-.00010	-.00386	.00423	-.00039	.00423	-.01574
#2	-.00194	.00048	-.00199	.00246	-.00095	.01070	-.01148
#3	-.00191	-.00081	-.00252	-.00032	.00109	.00060	-.01130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00009	.00511	-.00001	-.00015	-.00039	.00002
Stddev	.00006	.00020	.01771	.00050	.00002	.00056	.00060
%RSD	115.19	223.14	346.85	5258.4	13.159	144.11	2718.1

#1	-.00001	-.00011	.01848	-.00041	-.00016	-.00082	-.00017
#2	.00006	.00009	-.01498	.00055	-.00016	-.00060	.00069
#3	.00012	.00029	.01182	-.00017	-.00012	.00025	-.00045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.07766	.00008	.00080	-.17185	.00081	-.00022
Stddev	.00005	.03297	.00033	.00072	.00345	.00026	.00008
%RSD	208.22	42.452	412.98	89.786	2.0073	31.929	36.315

#1	.00000	.09874	.00026	.00039	-.16804	.00095	-.00018
#2	-.00001	.03967	.00029	.00038	-.17274	.00051	-.00031
#3	.00009	.09457	-.00030	.00163	-.17477	.00097	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03536	-.00024	.00169	F -.02241	.00085	-.00056	-.00015
Stddev	.00899	.00010	.00462	.01108	.00413	.00045	.00230
%RSD	25.430	43.426	273.87	49.466	487.99	80.196	1496.3

#1	-.02503	-.00015	-.00359	-.03496	.00554	-.00103	.00072
#2	-.04143	-.00035	.00499	-.01395	-.00075	-.00049	.00158
#3	-.03963	-.00022	.00365	-.01832	-.00225	-.00015	-.00276

Sample Name: CCB01 Acquired: 2/28/2019 13:27:37 Type: Unk
Method: P4-ICP2(v2902) 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	-0.00658	-0.0020	-0.00017	F 3.2158	F 1.3644
Stddev	.00209	.0006	.00009	.0184	.4578
%RSD	31.699	28.42	57.042	.57092	33.550
#1	-0.00855	-0.0026	-0.00027	3.2267	.97516
#2	-0.00680	-0.0015	-0.00012	3.2261	1.2494
#3	-0.00440	-0.0019	-0.00010	3.1946	1.8687
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.5	40306.	4128.9	19.428	4077.1
Stddev	11.0	49.	69.5	1.987	7.9
%RSD	.28710	.12079	1.6826	10.227	.19453
#1	3836.6	40333.	4050.2	19.225	4068.9
#2	3835.7	40250.	4154.8	21.508	4077.7
#3	3855.3	40335.	4181.7	17.550	4084.7

Sample Name: LR CHECK 1 Acquired: 2/28/2019 13:32:21 Type: Unk
Method: P4-ICP2(v2902) 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	-.13946	-.09340	.08117	-.23275	-.05918	2086.6	-.02825	.05886
Stddev	.00423	.00723	.00410	.01072	.00955	13.3	.00150	.00049
%RSD	3.0303	7.7445	5.0464	4.6076	16.136	.63857	5.3017	.82567

#1	-.14406	-.09045	.08477	-.22163	-.06434	2102.0	-.02977	.05894
#2	-.13855	-.08810	.07671	-.23358	-.04816	2078.8	-.02678	.05930
#3	-.13576	-.10164	.08202	-.24303	-.06503	2079.1	-.02821	.05834

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06843	1733.3	-.07939	.08940	1.1957	880.06	-.01379	1700.4
Stddev	.00017	16.6	.00119	.00034	.0024	1.00	.00050	3.0
%RSD	.24942	.95505	1.4943	.38252	.20230	.11351	3.6169	.17525

#1	.06824	1744.5	-.07810	.08947	1.1941	878.94	-.01427	1701.9
#2	.06845	1714.3	-.07961	.08903	1.1985	880.85	-.01327	1696.9
#3	.06858	1741.1	-.08044	.08971	1.1946	880.39	-.01384	1702.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10014	-.31737	1814.1	.00984	.09230	989.16	-.00904	-.32111
Stddev	.00065	.00440	14.5	.00038	.00081	1.48	.00089	.01363
%RSD	.65136	1.3851	.79811	3.8142	.87528	.14927	9.8664	4.2454

#1	.09971	-.31838	1826.9	.01027	.09305	990.79	-.00981	-.30540
#2	.10089	-.31256	1798.4	.00970	.09239	988.76	-.00806	-.32801
#3	.09983	-.32118	1816.9	.00956	.09144	987.92	-.00924	-.32990

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.20161	-.02685	.09840	-.06078	.22749	.0635	-.95411	1.3287
Stddev	.02327	.00239	.00239	.00148	.00447	.0031	.00094	.0750
%RSD	11.543	8.9101	2.4317	2.4336	1.9660	4.941	.09888	5.6468

#1	-.20191	-.02601	.09714	-.05928	.22247	.0669	-.95310	1.4147
#2	-.17819	-.02955	.09689	-.06083	.23105	.0607	-.95497	1.2946
#3	-.22474	-.02499	.10116	-.06224	.22895	.0630	-.95425	1.2768

Sample Name: LR CHECK 1 Acquired: 2/28/2019 13:32:21 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 2.0779
 %RSD .04726

#1 -4396.4
 #2 -4398.8
 #3 -4394.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.4	27170.	3665.4	14.974	2094.5
Stddev	7.0	84.	8.7	.319	6.5
%RSD	.26086	.30939	.23620	2.1273	.31195

#1	2682.2	27117.	3674.8	14.800	2095.1
#2	2672.7	27267.	3663.9	15.342	2087.7
#3	2686.3	27127.	3657.6	14.780	2100.8

Sample Name: LR CHECK 2 Acquired: 2/28/2019 13:37:22 Type: Unk
Method: P4-ICP2(v2902) 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	-.00353	-.00700	273.31	.03390	-.09455	-.13681	103.30	-.00080
Stddev	.00335	.00121	4.20	.00087	.00117	.03789	.28	.00013
%RSD	95.003	17.287	1.5375	2.5681	1.2407	27.699	.26847	15.671

#1	-.00226	-.00768	278.13	.03367	-.09378	-.09315	103.14	-.00080
#2	-.00099	-.00771	271.36	.03486	-.09397	-.15608	103.15	-.00092
#3	-.00733	-.00560	270.43	.03317	-.09590	-.16119	103.62	-.00067

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01346	.43473	-.14807	-.00517	232.27	-.67424	48.110	.10529
Stddev	.00010	.04314	.00169	.00024	2.98	.01671	.099	.05603
%RSD	.71634	9.9223	1.1393	4.5880	1.2810	2.4785	.20658	53.219

#1	-.01349	.48275	-.15000	-.00490	234.58	-.66056	48.193	.06692
#2	-.01353	.42219	-.14685	-.00530	233.32	-.66931	48.138	.07936
#3	-.01335	.39926	-.14738	-.00532	228.91	-.69287	48.000	.16959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.429	.00779	2.2588	-.07865	37.364	2.6239	-.00608	.00963
Stddev	.479	.00032	.1347	.00084	.410	.3990	.00031	.00544
%RSD	.89662	4.1094	5.9638	1.0738	1.0964	15.206	5.0672	56.529

#1	53.931	.00743	2.3801	-.07768	37.812	3.0216	-.00642	.00362
#2	53.380	.00803	2.2824	-.07920	37.269	2.6264	-.00597	.01423
#3	52.977	.00792	2.1138	-.07907	37.009	2.2237	-.00583	.01103

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05516	.00903	.00349	.02174	.00389	-.0307	.00302	4.3251
Stddev	.02998	.00038	.00038	.00093	.00112	.0012	.00010	.1572
%RSD	54.347	4.2527	10.928	4.2584	28.790	4.027	3.2442	3.6347

#1	-.08681	.00885	.00386	.02272	.00262	-.0321	.00302	4.4004
#2	-.02719	.00947	.00310	.02088	.00431	-.0301	.00292	4.4305
#3	-.05148	.00876	.00351	.02163	.00474	-.0298	.00312	4.1444

Sample Name: LR CHECK 2 Acquired: 2/28/2019 13:37:22 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	36.228
Stddev	1.416
%RSD	3.9078

#1	36.862
#2	34.606
#3	37.215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.9	39280.	4098.7	16.328	3696.0
Stddev	42.0	136.	32.3	1.754	43.4
%RSD	1.2556	.34518	.78702	10.745	1.1748

#1	3304.6	39349.	4102.0	14.708	3651.4
#2	3350.5	39124.	4065.0	18.192	3698.4
#3	3388.5	39367.	4129.2	16.083	3738.1

Sample Name: K1633-03 Acquired: 2/28/2019 13:43:33 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00721	-.03114	.12534	.01370	-.01530	122.50	.61707
Stddev	.00288	.00129	.00242	.00252	.00114	.40	.00911
%RSD	39.886	4.1524	1.9296	18.360	7.4401	.32971	1.4758

#1	.00720	-.03080	.12399	.01266	-.01549	122.53	.62226
#2	.01010	-.03256	.12813	.01657	-.01408	122.89	.60656
#3	.00434	-.03004	.12389	.01188	-.01633	122.08	.62241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01246	-.00503	12.226	.16696	.13031	.66954	193.30
Stddev	.00011	.00023	.082	.00068	.00031	.00129	2.68
%RSD	.90806	4.5719	.67074	.40890	.24155	.19275	1.3855

#1	.01255	-.00508	12.201	.16621	.13025	.67056	195.36
#2	.01234	-.00478	12.160	.16713	.13065	.66809	190.27
#3	.01250	-.00523	12.318	.16754	.13003	.66996	194.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6917	37.638	.22279	-.01907	2.4463	.20406	.47673
Stddev	.0712	.372	.00074	.00059	.0460	.00077	.00231
%RSD	.73493	.98875	.33375	3.0892	1.8819	.37623	.48494

#1	9.7736	37.632	.22323	-.01971	2.4340	.20323	.47407
#2	9.6571	37.270	.22320	-.01896	2.4076	.20420	.47824
#3	9.6444	38.014	.22193	-.01855	2.4972	.20474	.47787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3709	-.00044	.14101	.20860	1.8788	.01270	1.5621
Stddev	.0485	.00023	.00880	.01995	.0413	.00047	.0009
%RSD	.51769	52.965	6.2391	9.5626	2.1988	3.7209	.05573

#1	9.4077	-.00024	.15097	.23094	1.8740	.01236	1.5621
#2	9.3159	-.00037	.13431	.19257	1.8401	.01323	1.5612
#3	9.3889	-.00070	.13775	.20229	1.9223	.01250	1.5630

Sample Name: K1633-03 Acquired: 2/28/2019 13:43:33 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18274	3.852	-.14552	.08027	F<.00000
Stddev	.00246	.009	.00295	.16762	1.3319
%RSD	1.3487	.2201	2.0292	208.84	.17802

#1	.18532	3.846	-.14780	.26768	-749.63
#2	.18041	3.862	-.14218	.02845	-747.04
#3	.18248	3.848	-.14656	-.05533	-747.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4626.6	47970.	5323.3	19.845	3675.4
Stddev	11.6	115.	56.7	1.111	4.7
%RSD	.25010	.23895	1.0649	5.5961	.12702

#1	4613.2	47862.	5301.5	20.925	3673.7
#2	4632.7	47956.	5387.7	19.905	3671.8
#3	4633.7	48090.	5280.9	18.706	3680.7

Sample Name: K1633-07 Acquired: 2/28/2019 13:48:09 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00668	-.03469	.11238	.01460	-.01167	107.47	.92637
Stddev	.00048	.00189	.00182	.00103	.00140	.63	.00804
%RSD	7.1908	5.4360	1.6169	7.0734	12.027	.58883	.86754

#1	.00659	-.03490	.11039	.01457	-.01198	106.82	.92597
#2	.00720	-.03271	.11395	.01358	-.01290	107.52	.91854
#3	.00625	-.03646	.11279	.01564	-.01014	108.08	.93460

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01121	-.00647	13.998	.15436	.10027	.70784	189.88
Stddev	.00027	.00030	.095	.00020	.00040	.00049	1.55
%RSD	2.3698	4.6582	.67741	.13144	.40065	.06982	.81480

#1	.01116	-.00659	14.041	.15439	.10022	.70753	191.51
#2	.01150	-.00613	13.889	.15455	.09990	.70841	188.43
#3	.01097	-.00670	14.063	.15415	.10070	.70757	189.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7192	35.865	.19128	-.01747	3.1180	.21510	.43302
Stddev	.0661	.316	.00040	.00050	.0178	.00150	.00140
%RSD	.85573	.88050	.21134	2.8825	.57142	.69513	.32307

#1	7.6749	36.097	.19099	-.01690	3.1025	.21668	.43144
#2	7.6877	35.506	.19110	-.01770	3.1140	.21491	.43350
#3	7.7951	35.994	.19174	-.01782	3.1374	.21370	.43411

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4905	-.00076	.13802	.33107	1.6441	.01079	2.0056
Stddev	.0323	.00010	.00665	.02796	.0117	.00038	.0023
%RSD	.38018	12.466	4.8198	8.4463	.70959	3.5022	.11664

#1	8.4671	-.00087	.13278	.34165	1.6507	.01109	2.0030
#2	8.4770	-.00073	.13578	.35220	1.6306	.01037	2.0065
#3	8.5273	-.00069	.14550	.29936	1.6510	.01090	2.0074

Sample Name: K1633-07 Acquired: 2/28/2019 13:48:09 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16416	5.562	-.13518	1.4157	F<.00000
Stddev	.00307	.023	.00187	.0770	.28776
%RSD	1.8724	.4059	1.3826	5.4409	.04300

#1	.16323	5.549	-.13720	1.4986	-669.06
#2	.16165	5.549	-.13350	1.4024	-669.46
#3	.16759	5.588	-.13485	1.3463	-668.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4286.7	44407.	4907.6	19.022	3698.9
Stddev	5.8	49.	44.6	.976	4.2
%RSD	.13484	.10985	.90849	5.1332	.11479

#1	4292.8	44403.	4863.6	17.904	3702.4
#2	4281.4	44458.	4952.7	19.454	3700.2
#3	4285.9	44361.	4906.4	19.707	3694.2

Sample Name: K1605-02 Acquired: 2/28/2019 14:01:37 Type: Unk
Method: P4-ICP2(v2902) 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	.02093	-.00080	.16508	.00283	-.00104	.53766	.04078
Stddev	.00246	.00189	.00055	.00066	.00198	.01147	.00401
%RSD	11.732	236.46	.33589	23.356	190.52	2.1336	9.8277

#1	.01935	.00035	.16572	.00297	.00088	.52497	.03699
#2	.01967	.00023	.16471	.00211	-.00093	.54730	.04498
#3	.02376	-.00298	.16481	.00342	-.00307	.54070	.04037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00003	16.605	.00034	.00126	.03049	3.1253
Stddev	.00005	.00014	.059	.00030	.00023	.00025	.0447
%RSD	20.177	548.67	.35632	88.314	18.504	.81008	1.4309

#1	.00024	-.00012	16.643	.00068	.00143	.03029	3.1697
#2	.00029	.00004	16.537	.00024	.00099	.03040	3.0803
#3	.00020	.00016	16.636	.00010	.00135	.03076	3.1259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10721	2.3370	.00306	.00010	15.875	.00587	.05972
Stddev	.00087	.0236	.00032	.00100	.085	.00019	.00034
%RSD	.81165	1.0083	10.518	966.26	.53781	3.3042	.57587

#1	.10814	2.3106	.00332	.00077	15.963	.00602	.05933
#2	.10642	2.3560	.00317	-.00105	15.868	.00595	.05988
#3	.10707	2.3443	.00270	.00059	15.793	.00565	.05996

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2506	-.00019	.01402	.11861	2.4489	-.00014	.00674
Stddev	.0451	.00024	.00797	.01895	.0371	.00036	.00050
%RSD	2.0038	128.10	56.867	15.978	1.5135	257.41	7.4423

#1	2.2012	-.00028	.02276	.13935	2.4882	-.00055	.00716
#2	2.2895	.00009	.00717	.10219	2.4146	.00013	.00619
#3	2.2612	-.00037	.01212	.11430	2.4439	.00000	.00688

Sample Name: K1605-02 Acquired: 2/28/2019 14:01:37 Type: Unk
 Method: P4-ICP2(v2902) 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	.00639	.1203	.08799	3.3037	F<.00000
Stddev	.00186	.0009	.00035	.0351	.32632
%RSD	29.061	.7131	.40168	1.0633	8.0652
#1	.00557	.1197	.08840	3.2637	-4.2304
#2	.00852	.1198	.08780	3.3296	-4.2385
#3	.00509	.1213	.08778	3.3178	-3.6693
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.4	40052.	4214.9	20.654	3960.3
Stddev	7.9	158.	26.0	.618	9.8
%RSD	.20841	.39368	.61789	2.9928	.24834
#1	3799.2	39901.	4185.4	21.341	3953.3
#2	3812.5	40216.	4234.9	20.142	3971.5
#3	3798.3	40041.	4224.3	20.479	3956.0

Sample Name: K1605-02DUP Acquired: 2/28/2019 14:05:57 Type: Unk
Method: P4-ICP2(v2902) 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	.01972	-.00082	.16018	-.00075	-.00070	.51067	.03546
Stddev	.00290	.00049	.00098	.00213	.00264	.01401	.00213
%RSD	14.708	59.871	.61089	285.13	374.30	2.7426	6.0029

#1	.01983	-.00065	.16098	.00097	-.00208	.50036	.03763
#2	.02256	-.00136	.15909	-.00008	.00234	.50503	.03535
#3	.01676	-.00043	.16047	-.00313	-.00237	.52661	.03338

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00006	16.122	.00090	.00111	.02988	3.0037
Stddev	.00005	.00008	.092	.00043	.00020	.00083	.0088
%RSD	24.850	137.31	.56816	47.273	17.576	2.7823	.29194

#1	.00020	-.00001	16.064	.00089	.00113	.02920	3.0070
#2	.00028	.00015	16.075	.00048	.00091	.03081	3.0104
#3	.00017	.00005	16.228	.00133	.00129	.02963	2.9938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10319	2.2402	.00281	-.00004	15.191	.00511	.05892
Stddev	.00043	.0173	.00031	.00029	.050	.00029	.00031
%RSD	.41629	.77035	11.126	774.04	.32708	5.6529	.52715

#1	.10287	2.2343	.00252	-.00036	15.226	.00536	.05893
#2	.10302	2.2596	.00276	.00006	15.213	.00480	.05923
#3	.10368	2.2267	.00314	.00019	15.134	.00518	.05861

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1366	-.00053	.00917	.08655	2.3473	-.00045	.00433
Stddev	.0372	.00018	.01024	.00774	.0051	.00076	.00194
%RSD	1.7430	33.846	111.66	8.9418	.21630	170.14	44.735

#1	2.1010	-.00073	.00271	.09547	2.3501	.00042	.00351
#2	2.1335	-.00040	.02097	.08151	2.3505	-.00104	.00654
#3	2.1753	-.00045	.00382	.08269	2.3415	-.00073	.00294

Sample Name: K1605-02DUP Acquired: 2/28/2019 14:05:57 Type: Unk
Method: P4-ICP2(v2902) 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	.00488	.1144	.08554	3.3905	F<.00000
Stddev	.00151	.0011	.00059	.1368	.78387
%RSD	30.908	.9346	.68461	4.0338	16.916
#1	.00525	.1137	.08512	3.5464	-3.9752
#2	.00322	.1156	.08529	3.3343	-4.4254
#3	.00616	.1138	.08621	3.2908	-5.5008
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.4	39988.	4210.2	18.539	3953.7
Stddev	15.8	124.	35.9	1.459	12.9
%RSD	.41550	.30984	.85209	7.8703	.32736
#1	3781.7	39845.	4190.8	17.052	3943.6
#2	3804.3	40057.	4188.3	18.597	3949.3
#3	3812.1	40063.	4251.6	19.969	3968.3

Sample Name: K1605-02LX5 Acquired: 2/28/2019 14:10:17 Type: Unk
Method: P4-ICP2(v2902) 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	.00310	.00080	.03476	.00130	-.00122	.09116	-.00855	.00009
Stddev	.00174	.00238	.00104	.00243	.00079	.00855	.00211	.00008
%RSD	56.107	297.79	2.9871	187.78	64.398	9.3771	24.692	84.045

#1	.00509	.00001	.03567	.00014	-.00038	.08130	-.00773	.00005
#2	.00186	.00347	.03498	-.00034	-.00135	.09655	-.00698	.00005
#3	.00235	-.00109	.03363	.00409	-.00193	.09562	-.01095	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	3.2928	-.00011	.00015	.00594	.61475	.02134	.50000
Stddev	.00010	.0265	.00039	.00010	.00064	.00885	.00033	.03278
%RSD	175.71	.80400	355.41	67.995	10.772	1.4400	1.5346	6.5561

#1	.00002	3.3025	-.00056	.00026	.00527	.62272	.02171	.46360
#2	.00017	3.3130	.00008	.00011	.00655	.60522	.02109	.50922
#3	-.00002	3.2628	.00015	.00007	.00600	.61633	.02123	.52719

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	.00085	3.0939	.00148	.01159	.63503	-.00024	.00112
Stddev	.00021	.00027	.0074	.00042	.00004	.02696	.00034	.00500
%RSD	16.918	31.683	.23927	28.518	.37782	4.2451	146.17	445.46

#1	.00098	.00055	3.0972	.00151	.01163	.61031	.00015	.00685
#2	.00137	.00108	3.0854	.00104	.01154	.63102	-.00035	-.00242
#3	.00129	.00092	3.0991	.00188	.01160	.66377	-.00051	-.00105

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00356	.47517	-.00123	.00245	-.00565	.0204	.01755	3.1382
Stddev	.01747	.00739	.00030	.00261	.00297	.0013	.00008	.1703
%RSD	491.49	1.5544	24.151	106.59	52.558	6.380	.43075	5.4275

#1	.00198	.48196	-.00113	.00403	-.00870	.0215	.01747	2.9433
#2	-.02313	.46730	-.00099	.00389	-.00276	.0208	.01755	3.2584
#3	.01048	.47626	-.00156	-.00056	-.00549	.0190	.01762	3.2129

Sample Name: K1605-02LX5 Acquired: 2/28/2019 14:10:17 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.52953
%RSD	65.299

#1	-.28803
#2	-1.3468
#3	-.79793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.3	40601.	4265.8	19.411	4074.4
Stddev	3.2	73.	41.1	.999	2.7
%RSD	.08387	.17980	.96429	5.1453	.06517

#1	3826.8	40674.	4287.3	18.258	4073.7
#2	3824.3	40528.	4291.7	20.017	4072.2
#3	3830.7	40601.	4218.4	19.958	4077.4

Sample Name: K1605-02MS Acquired: 2/28/2019 14:14:43 Type: Unk
Method: P4-ICP2(v2902) 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	.88314	2.1687	1.2169	2.2297	.88370	2.6989	.24836
Stddev	.00461	.0058	.0021	.0074	.00334	.0142	.00198
%RSD	.52246	.26899	.17412	.33312	.37825	.52664	.79818

#1	.88359	2.1682	1.2150	2.2375	.88304	2.6832	.24916
#2	.88751	2.1747	1.2164	2.2227	.88732	2.7023	.24983
#3	.87832	2.1631	1.2192	2.2288	.88073	2.7110	.24611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22076	.20676	16.655	.44864	.21653	.36168	6.1116
Stddev	.00096	.00018	.136	.00217	.00058	.00143	.0213
%RSD	.43455	.08583	.81485	.48353	.26609	.39520	.34868

#1	.22186	.20661	16.525	.45032	.21587	.36022	6.0883
#2	.22008	.20696	16.645	.44941	.21691	.36308	6.1164
#3	.22034	.20672	16.796	.44619	.21682	.36174	6.1301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32205	4.3116	.52334	.08213	17.653	.32172	.27425
Stddev	.00143	.0578	.00095	.00097	.198	.00240	.00046
%RSD	.44486	1.3409	.18244	1.1814	1.1198	.74657	.16607

#1	.32362	4.2730	.52291	.08197	17.767	.32371	.27387
#2	.32170	4.2838	.52443	.08126	17.425	.32240	.27412
#3	.32082	4.3781	.52267	.08317	17.768	.31905	.27476

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.028	.43138	.31561	.07092	3.2150	.69183	.21525
Stddev	.080	.00224	.01171	.01608	.0143	.00161	.00290
%RSD	.66822	.51829	3.7105	22.680	.44434	.23328	1.3467

#1	11.987	.42921	.32028	.08200	3.2174	.69193	.21449
#2	11.976	.43368	.30228	.05247	3.2279	.69339	.21280
#3	12.120	.43125	.32426	.07828	3.1996	.69016	.21845

Sample Name: K1605-02MS Acquired: 2/28/2019 14:14:43 Type: Unk
Method: P4-ICP2(v2902) 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	.22075	6.250	.29695	3.5748	F<.00000
Stddev	.00119	.014	.00162	.1719	.98363
%RSD	.53687	.2206	.54398	4.8101	4.7268
#1	.22211	6.237	.29589	3.7609	-20.047
#2	.21993	6.264	.29614	3.4218	-20.462
#3	.22021	6.247	.29881	3.5416	-21.920
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.1	39724.	4185.9	19.905	3855.5
Stddev	8.3	131.	22.6	.360	2.0
%RSD	.22093	.32937	.54017	1.8070	.05106
#1	3762.3	39586.	4184.8	19.514	3857.5
#2	3745.7	39738.	4209.1	19.980	3855.6
#3	3754.2	39847.	4163.9	20.221	3853.5

Sample Name: K1605-02MSD Acquired: 2/28/2019 14:18:48 Type: Unk
Method: P4-ICP2(v2902) 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	.89196	2.1695	1.2265	2.2413	.88973	2.7092	.24609
Stddev	.00360	.0104	.0023	.0132	.00584	.0207	.00884
%RSD	.40328	.47887	.18430	.58813	.65692	.76249	3.5904

#1	.88972	2.1589	1.2258	2.2381	.89412	2.6856	.24845
#2	.89005	2.1700	1.2247	2.2300	.88310	2.7183	.23631
#3	.89611	2.1797	1.2291	2.2558	.89198	2.7238	.25350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22175	.20765	16.395	.45377	.21811	.36192	6.0871
Stddev	.00021	.00074	.041	.00239	.00014	.00147	.0316
%RSD	.09630	.35741	.24935	.52593	.06445	.40509	.51834

#1	.22189	.20726	16.393	.45215	.21804	.36351	6.1102
#2	.22150	.20719	16.354	.45651	.21828	.36062	6.0512
#3	.22185	.20851	16.436	.45266	.21803	.36164	6.1000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32372	4.2625	.52333	.08261	17.225	.32078	.27476
Stddev	.00073	.0750	.00135	.00053	.092	.00039	.00078
%RSD	.22485	1.7589	.25805	.64291	.53431	.12311	.28434

#1	.32456	4.2072	.52193	.08323	17.317	.32035	.27425
#2	.32339	4.2324	.52343	.08232	17.133	.32113	.27437
#3	.32321	4.3478	.52463	.08230	17.225	.32086	.27566

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.774	.43441	.31809	.08236	3.1871	.68708	.21533
Stddev	.098	.00072	.01381	.00775	.0402	.00379	.00384
%RSD	.83222	.16549	4.3417	9.4040	1.2619	.55089	1.7828

#1	11.886	.43501	.30347	.09115	3.2309	.68425	.21157
#2	11.703	.43361	.33091	.07653	3.1518	.68562	.21518
#3	11.733	.43460	.31989	.07941	3.1786	.69138	.21924

Sample Name: K1605-02MSD Acquired: 2/28/2019 14:18:48 Type: Unk
Method: P4-ICP2(v2902) 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	.21932	6.232	.29538	3.8929	F<.00000
Stddev	.00328	.024	.00179	.0747	.50554
%RSD	1.4959	.3862	.60722	1.9191	2.3503
#1	.22124	6.209	.29666	3.8214	-21.199
#2	.22119	6.229	.29614	3.9704	-21.238
#3	.21553	6.257	.29333	3.8868	-22.093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3729.9	39282.	4187.8	20.369	3845.8
Stddev	8.9	32.	24.2	1.427	5.1
%RSD	.23983	.08090	.57845	7.0083	.13289
#1	3720.6	39311.	4169.8	19.544	3847.0
#2	3730.5	39286.	4215.4	19.545	3840.2
#3	3738.5	39248.	4178.3	22.017	3850.2

Sample Name: K1605-02A Acquired: 2/28/2019 14:22:53 Type: Unk
Method: P4-ICP2(v2902) 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	.91033	2.2191	1.2591	2.2888	.90687	2.7710	.25333
Stddev	.00600	.0078	.0044	.0033	.00426	.0098	.00426
%RSD	.65858	.35370	.34814	.14533	.46966	.35270	1.6803

#1	.91720	2.2281	1.2640	2.2906	.91166	2.7701	.24915
#2	.90621	2.2138	1.2574	2.2850	.90350	2.7813	.25317
#3	.90756	2.2153	1.2558	2.2909	.90544	2.7618	.25766

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22747	.21237	17.150	.45866	.22285	.37042	6.2854
Stddev	.00075	.00019	.076	.00077	.00047	.00093	.0082
%RSD	.32784	.08912	.44533	.16711	.21106	.25033	.13066

#1	.22726	.21246	17.141	.45896	.22331	.37121	6.2917
#2	.22685	.21250	17.079	.45779	.22237	.37066	6.2761
#3	.22830	.21215	17.231	.45923	.22286	.36940	6.2885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33273	4.4136	.53544	.08466	18.078	.32957	.28318
Stddev	.00126	.0503	.00211	.00051	.090	.00199	.00100
%RSD	.37904	1.1400	.39482	.60266	.49607	.60358	.35428

#1	.33340	4.4434	.53756	.08454	18.125	.33179	.28429
#2	.33128	4.3555	.53543	.08522	17.975	.32794	.28291
#3	.33352	4.4418	.53333	.08422	18.134	.32897	.28234

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.049	.44418	.32549	.08150	3.3282	.70258	.21983
Stddev	.081	.00148	.00504	.02295	.0191	.00290	.00303
%RSD	.67592	.33414	1.5495	28.155	.57260	.41273	1.3778

#1	12.058	.44575	.31969	.06691	3.3259	.70593	.22242
#2	11.964	.44280	.32792	.10795	3.3105	.70103	.21650
#3	12.126	.44398	.32885	.06965	3.3484	.70080	.22058

Sample Name: K1605-02A Acquired: 2/28/2019 14:22:53 Type: Unk
Method: P4-ICP2(v2902) 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	.22368	6.386	.30513	3.8181	F<.00000
Stddev	.00351	.024	.00058	.0780	1.4359
%RSD	1.5702	.3684	.18893	2.0427	6.2916

#1	.22457	6.412	.30543	3.9074	-21.574
#2	.21981	6.365	.30447	3.7630	-24.392
#3	.22666	6.382	.30550	3.7840	-22.502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.5	39401.	4180.1	19.509	3834.6
Stddev	5.1	108.	26.8	1.273	2.2
%RSD	.13687	.27514	.64056	6.5226	.05728

#1	3716.4	39277.	4153.1	18.509	3832.4
#2	3726.6	39480.	4206.7	20.941	3834.4
#3	3721.5	39445.	4180.5	19.076	3836.8

Sample Name: CCV02 Acquired: 2/28/2019 15:00:26 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3102	5.0842	5.2400	5.2765	5.3858	10.887	9.5355	.26304
Stddev	.0140	.0151	.0142	.0063	.0115	.180	.0708	.00059
%RSD	.26359	.29765	.27053	.11922	.21313	1.6512	.74282	.22342
#1	5.3211	5.0839	5.2481	5.2722	5.3936	10.685	9.6154	.26259
#2	5.3151	5.0995	5.2483	5.2737	5.3911	10.945	9.5107	.26370
#3	5.2944	5.0693	5.2236	5.2837	5.3726	11.030	9.4804	.26282
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5247	25.111	1.0483	2.6032	1.2854	4.9120	2.6470	24.265
Stddev	.0061	.043	.0032	.0051	.0048	.0676	.0061	.114
%RSD	.24317	.17082	.31035	.19507	.37188	1.3755	.22990	.47177
#1	2.5288	25.130	1.0448	2.6041	1.2890	4.9899	2.6399	24.323
#2	2.5277	25.062	1.0488	2.6077	1.2872	4.8766	2.6504	24.133
#3	2.5177	25.140	1.0512	2.5977	1.2799	4.8695	2.6506	24.339
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4663	1.3580	24.794	2.4217	2.6814	24.564	5.2816	4.6962
Stddev	.0064	.0025	.199	.0090	.0097	.233	.0080	.0158
%RSD	.26120	.18486	.80191	.37016	.36112	.94712	.15105	.33724
#1	2.4714	1.3551	24.969	2.4120	2.6901	24.814	5.2859	4.7060
#2	2.4684	1.3591	24.836	2.4236	2.6833	24.525	5.2866	4.6780
#3	2.4590	1.3598	24.578	2.4296	2.6710	24.354	5.2724	4.7048
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0199	4.8285	4.8050	5.1820	4.8414	5.018	5.1849	F 4.3444
Stddev	.0186	.0604	.0085	.0120	.0411	.010	.0485	.0455
%RSD	.37011	1.2511	.17606	.23217	.84988	.1991	.93618	1.0482
#1	5.0394	4.8975	4.8020	5.1777	4.8858	5.026	5.2408	4.3104
#2	5.0177	4.8023	4.8145	5.1726	4.8338	5.021	5.1599	4.3267
#3	5.0024	4.7855	4.7985	5.1955	4.8045	5.007	5.1538	4.3961

Sample Name: CCV02 Acquired: 2/28/2019 15:00:26 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4555
Stddev	2.0698
%RSD	142.20

#1	.41217
#2	3.8393
#3	.11502

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.6	38298.	4266.0	19.620	3590.5
Stddev	9.9	47.	65.7	1.579	10.2
%RSD	.27473	.12228	1.5402	8.0470	.28437

#1	3595.6	38351.	4191.3	17.810	3584.1
#2	3598.3	38264.	4291.8	20.343	3585.1
#3	3613.9	38280.	4314.9	20.709	3602.3

Sample Name: CCB02 Acquired: 2/28/2019 15:04:36 Type: Unk
Method: P4-ICP2(v2902) 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	-.00133	-.00018	.00091	.00426	.00230	-.01026	-.02132
Stddev	.00284	.00054	.00043	.00233	.00029	.00347	.00094
%RSD	214.09	293.67	47.277	54.667	12.401	33.789	4.3907

#1	-.00179	-.00029	.00063	.00653	.00221	-.01319	-.02056
#2	-.00390	-.00066	.00071	.00188	.00207	-.01115	-.02105
#3	.00172	.00040	.00141	.00436	.00262	-.00643	-.02237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00017	-.00341	.00003	-.00003	-.00034	-.00251
Stddev	.00004	.00003	.00678	.00042	.00019	.00025	.00057
%RSD	28.305	19.816	199.11	1569.3	577.14	72.767	22.558

#1	.00010	.00015	-.00074	-.00028	.00019	-.00030	-.00270
#2	.00017	.00016	.00164	.00050	-.00018	-.00060	-.00296
#3	.00018	.00021	-.01111	-.00014	-.00011	-.00012	-.00188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00771	.00072	.00115	-.15030	.00053	-.00011
Stddev	.00003	.05469	.00021	.00015	.00670	.00025	.00004
%RSD	64.668	709.20	28.510	12.900	4.4567	47.337	35.982

#1	.00005	.05496	.00049	.00099	-.14268	.00050	-.00013
#2	.00002	-.05220	.00087	.00129	-.15297	.00030	-.00007
#3	.00008	.02038	.00080	.00118	-.15526	.00080	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16687	.00001	.00683	F -.02285	.00270	-.00059	.00113
Stddev	.02977	.00031	.00584	.00175	.00217	.00068	.00305
%RSD	17.839	5323.1	85.520	7.6820	80.560	115.40	270.50

#1	.20124	.00032	.00593	-.02463	.00035	-.00092	.00442
#2	.14980	-.00000	.01307	-.02278	.00311	.00019	-.00161
#3	.14956	-.00030	.00149	-.02112	.00464	-.00105	.00058

Sample Name: CCB02 Acquired: 2/28/2019 15:04:36 Type: Unk
Method: P4-ICP2(v2902) 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	-.00222	-.0023	.00019	F 3.3317	F<.00000
Stddev	.00027	.0010	.00005	.0536	.36948
%RSD	12.084	43.57	27.428	1.6077	103.88
#1	-.00243	-.0012	.00013	3.2699	-.17042
#2	-.00232	-.0027	.00021	3.3604	-.78115
#3	-.00192	-.0031	.00023	3.3648	-.11549
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.4	40240.	4259.1	19.428	4063.5
Stddev	.7	82.	26.0	.732	1.3
%RSD	.01999	.20387	.60937	3.7691	.03253
#1	3746.2	40302.	4229.4	19.100	4062.9
#2	3744.8	40270.	4277.2	18.917	4065.0
#3	3745.0	40147.	4270.7	20.267	4062.6

Sample Name: K1633-07DUP Acquired: 2/28/2019 15:09:04 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00835	-.03710	.11595	.01410	-.01380	109.35	.93439
Stddev	.00230	.00154	.00165	.00039	.00073	.62	.00806
%RSD	27.491	4.1425	1.4265	2.7481	5.3088	.56943	.86212

#1	.00686	-.03603	.11407	.01442	-.01343	108.64	.94349
#2	.01100	-.03886	.11717	.01422	-.01465	109.58	.92817
#3	.00721	-.03640	.11661	.01367	-.01333	109.82	.93150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01099	-.00448	14.144	.15572	.10304	.71480	188.81
Stddev	.00016	.00006	.040	.00125	.00033	.00248	1.42
%RSD	1.4233	1.4026	.28035	.80056	.32282	.34663	.75196

#1	.01108	-.00455	14.189	.15654	.10274	.71388	190.19
#2	.01081	-.00444	14.131	.15428	.10340	.71761	188.89
#3	.01108	-.00444	14.113	.15633	.10298	.71292	187.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8314	35.822	.19181	-.01544	2.9649	.20999	.45673
Stddev	.0050	.175	.00129	.00074	.0458	.00124	.00102
%RSD	.06400	.48728	.67441	4.7680	1.5438	.59091	.22249

#1	7.8264	36.022	.19283	-.01464	3.0171	.21131	.45555
#2	7.8314	35.744	.19036	-.01609	2.9314	.20885	.45726
#3	7.8364	35.701	.19224	-.01558	2.9463	.20981	.45737

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2103	-.00089	.11693	.29929	1.7996	.01095	2.0539
Stddev	.0717	.00022	.00621	.00588	.0272	.00039	.0041
%RSD	.87353	24.997	5.3089	1.9654	1.5090	3.5445	.19912

#1	8.2900	-.00064	.11162	.30521	1.8214	.01071	2.0553
#2	8.1510	-.00106	.11541	.29345	1.7691	.01140	2.0492
#3	8.1899	-.00098	.12375	.29920	1.8082	.01075	2.0570

Sample Name: K1633-07DUP Acquired: 2/28/2019 15:09:04 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15949	5.644	-.13254	1.1400	F<.00000
Stddev	.00258	.010	.00151	.0662	4.5304
%RSD	1.6154	.1834	1.1381	5.8092	.63551

#1	.16165	5.632	-.13390	1.0730	-715.53
#2	.16018	5.647	-.13279	1.2055	-715.44
#3	.15664	5.652	-.13092	1.1415	-707.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.4	44299.	4964.3	19.275	3637.6
Stddev	1.7	108.	37.5	.982	4.1
%RSD	.04162	.24283	.75506	5.0924	.11166

#1	4162.3	44421.	4921.0	18.170	3642.2
#2	4162.5	44216.	4986.4	20.048	3636.1
#3	4165.4	44261.	4985.4	19.607	3634.6

Sample Name: K1633-07LX5 Acquired: 2/28/2019 15:13:41 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	-.00768	.02272	.00809	-.00167	25.084	.20782
Stddev	.00029	.00105	.00040	.00125	.00014	.016	.00238
%RSD	18.037	13.669	1.7550	15.516	8.5901	.06359	1.1468

#1	.00157	-.00835	.02316	.00938	-.00167	25.099	.20585
#2	.00193	-.00821	.02238	.00802	-.00152	25.067	.21047
#3	.00135	-.00647	.02262	.00687	-.00181	25.086	.20713

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00228	3.3848	.03589	.02164	.17337	50.534
Stddev	.00018	.00000	.0275	.00066	.00035	.00028	.220
%RSD	8.0177	.18450	.81133	1.8465	1.5956	.16315	.43555

#1	.00242	-.00227	3.3787	.03513	.02188	.17368	50.381
#2	.00235	-.00228	3.3609	.03632	.02180	.17312	50.436
#3	.00207	-.00228	3.4148	.03623	.02125	.17331	50.787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9123	8.6557	.03968	-.00208	.56717	.04899	.09020
Stddev	.0035	.0661	.00037	.00042	.01367	.00014	.00012
%RSD	.18422	.76336	.92198	20.087	2.4104	.28156	.12952

#1	1.9121	8.6895	.03998	-.00255	.55366	.04915	.09026
#2	1.9088	8.6981	.03927	-.00195	.56685	.04894	.09027
#3	1.9159	8.5796	.03978	-.00175	.58100	.04888	.09006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0605	-.00069	.03960	.04179	.50037	.00180	.48959
Stddev	.0301	.00020	.00423	.01344	.00452	.00029	.00295
%RSD	1.4587	29.374	10.682	32.155	.90359	16.046	.60226

#1	2.0884	-.00080	.03738	.02788	.50549	.00174	.48943
#2	2.0645	-.00045	.04447	.05470	.49696	.00212	.49261
#3	2.0286	-.00081	.03693	.04281	.49865	.00155	.48672

Sample Name: K1633-07LX5 Acquired: 2/28/2019 15:13:41 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03557	1.146	-.03789	3.2266	F<.00000
Stddev	.00058	.003	.00040	.0408	1.6696
%RSD	1.6428	.2730	1.0516	1.2632	1.1454

#1	.03543	1.150	-.03751	3.2009	-143.85
#2	.03506	1.145	-.03786	3.2735	-146.50
#3	.03621	1.144	-.03830	3.2052	-146.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.5	40694.	4421.6	19.103	3842.6
Stddev	6.6	38.	5.1	1.744	2.4
%RSD	.17322	.09310	.11499	9.1321	.06174

#1	3798.2	40663.	4419.6	20.658	3840.4
#2	3811.1	40682.	4427.4	17.217	3842.3
#3	3807.1	40736.	4417.8	19.433	3845.1

Sample Name: K1633-07MS Acquired: 2/28/2019 15:18:03 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77472	2.1456	1.2120	1.7965	.19365	126.47	1.1597
Stddev	.00383	.0028	.0040	.0043	.00257	.36	.0035
%RSD	.49373	.12868	.33266	.23957	1.3283	.28592	.30018

#1	.77060	2.1483	1.2075	1.7994	.19094	126.16	1.1628
#2	.77816	2.1428	1.2129	1.7916	.19395	126.39	1.1559
#3	.77539	2.1456	1.2154	1.7986	.19606	126.87	1.1603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21014	.21008	15.931	.53102	.33732	1.1125	174.15
Stddev	.00050	.00071	.016	.00112	.00056	.0025	1.24
%RSD	.23905	.33572	.09887	.21024	.16680	.22711	.71065

#1	.21037	.20930	15.917	.53088	.33670	1.1096	175.39
#2	.21049	.21030	15.928	.53221	.33780	1.1144	172.91
#3	.20956	.21066	15.948	.52999	.33747	1.1134	174.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0829	40.659	.73836	.06061	5.6673	.45595	.72551
Stddev	.0357	.145	.00126	.00092	.0202	.00225	.00001
%RSD	.44151	.35745	.17029	1.5127	.35597	.49404	.00187

#1	8.0656	40.707	.73707	.06132	5.6468	.45686	.72551
#2	8.1239	40.495	.73843	.06093	5.6871	.45761	.72550
#3	8.0591	40.773	.73959	.05957	5.6679	.45339	.72552

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.208	.35079	.30239	.27058	2.7423	.68360	1.6960
Stddev	.109	.00050	.00935	.03114	.0348	.00315	.0026
%RSD	.63394	.14152	3.0917	11.508	1.2694	.46133	.15382

#1	17.333	.35022	.29169	.30444	2.7073	.68038	1.6930
#2	17.135	.35113	.30649	.24317	2.7427	.68374	1.6979
#3	17.154	.35102	.30899	.26415	2.7769	.68669	1.6971

Sample Name: K1633-07MS Acquired: 2/28/2019 15:18:03 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-DMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38213	F 12.18	.07906	1.4502	F<.00000
Stddev	.00081	.04	.00045	.0199	2.5954
%RSD	.21209	.2959	.57367	1.3730	.39948
#1	.38306	12.22	.07857	1.4324	-648.81
#2	.38178	12.17	.07913	1.4717	-647.63
#3	.38155	12.15	.07947	1.4466	-652.60
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4121.5	43996.	4896.0	18.956	3580.6
Stddev	1.0	19.	24.1	.848	2.2
%RSD	.02477	.04420	.49209	4.4728	.06193
#1	4120.4	43975.	4868.2	19.071	3578.3
#2	4122.1	44014.	4911.6	18.056	3582.7
#3	4122.2	44000.	4908.0	19.740	3580.9

Sample Name: K1633-07MSD Acquired: 2/28/2019 15:22:31 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77784	2.1515	1.2167	1.8082	.19361	126.63	1.1826
Stddev	.00515	.0022	.0043	.0035	.00179	.50	.0071
%RSD	.66167	.10425	.35034	.19578	.92306	.39352	.60103

#1	.77676	2.1509	1.2200	1.8044	.19369	126.11	1.1891
#2	.78344	2.1540	1.2119	1.8114	.19179	126.69	1.1837
#3	.77332	2.1497	1.2182	1.8086	.19536	127.10	1.1750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21112	.21155	16.437	.53323	.33993	1.1228	176.04
Stddev	.00072	.00007	.049	.00173	.00030	.0017	.50
%RSD	.34136	.03415	.29555	.32438	.08807	.14890	.28300

#1	.21057	.21149	16.456	.53142	.34004	1.1209	176.35
#2	.21194	.21163	16.474	.53340	.33959	1.1238	175.47
#3	.21086	.21154	16.382	.53487	.34015	1.1238	176.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2387	40.694	.74049	.06091	5.7180	.45732	.72796
Stddev	.0120	.146	.00159	.00092	.0506	.00180	.00148
%RSD	.14592	.35943	.21437	1.5062	.88496	.39272	.20350

#1	8.2339	40.802	.74192	.06112	5.7664	.45527	.72645
#2	8.2299	40.752	.73878	.05990	5.7222	.45861	.72802
#3	8.2524	40.528	.74077	.06169	5.6655	.45809	.72941

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.309	.35208	.30737	.30560	2.4645	.68821	1.7417
Stddev	.065	.00039	.00487	.02059	.0236	.00022	.0107
%RSD	.37312	.10989	1.5839	6.7373	.95543	.03132	.61376

#1	17.362	.35164	.30588	.31020	2.4786	.68841	1.7293
#2	17.327	.35236	.30343	.32350	2.4776	.68825	1.7486
#3	17.237	.35225	.31282	.28310	2.4373	.68798	1.7471

Sample Name: K1633-07MSD Acquired: 2/28/2019 15:22:31 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-DMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38195	F 12.45	.08014	1.5510	F<.00000
Stddev	.00233	.02	.00160	.1172	1.4029
%RSD	.61102	.1841	1.9985	7.5531	.21305

#1	.37940	12.44	.08129	1.4377	-659.93
#2	.38247	12.44	.08082	1.5437	-657.13
#3	.38398	12.48	.07831	1.6716	-658.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4125.1	43830.	4870.3	18.306	3572.3
Stddev	8.3	118.	27.6	1.039	7.1
%RSD	.20195	.26971	.56663	5.6749	.19883

#1	4122.5	43914.	4840.1	19.463	3571.9
#2	4134.5	43882.	4876.7	18.001	3579.5
#3	4118.5	43695.	4894.1	17.453	3565.4

Sample Name: K1633-07A Acquired: 2/28/2019 15:26:58 Type: Unk
Method: P4-ICP2(v2902) 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	.78277	2.1675	1.2231	1.8142	.19511	126.58	1.1831
Stddev	.00339	.0071	.0011	.0045	.00143	.65	.0044
%RSD	.43366	.32940	.08917	.24588	.73520	.51574	.37359

#1	.78238	2.1717	1.2243	1.8189	.19677	125.89	1.1869
#2	.78635	2.1593	1.2228	1.8100	.19425	126.66	1.1783
#3	.77959	2.1715	1.2222	1.8137	.19431	127.19	1.1841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21179	.21221	16.436	.53369	.34093	1.1262	176.03
Stddev	.00096	.00019	.018	.00142	.00082	.0021	1.26
%RSD	.45246	.09101	.10648	.26652	.24182	.18882	.71630

#1	.21203	.21243	16.450	.53478	.34166	1.1246	177.26
#2	.21261	.21209	16.442	.53419	.34109	1.1286	174.74
#3	.21074	.21210	16.416	.53208	.34004	1.1253	176.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2251	40.934	.74448	.06103	5.7125	.45761	.73322
Stddev	.0357	.116	.00076	.00044	.0432	.00128	.00070
%RSD	.43360	.28431	.10165	.72289	.75560	.27879	.09574

#1	8.2051	40.832	.74432	.06102	5.7305	.45614	.73311
#2	8.2663	41.060	.74530	.06059	5.6632	.45844	.73397
#3	8.2039	40.909	.74381	.06147	5.7437	.45824	.73258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.333	.35328	.29661	.30704	2.5799	.69031	1.7488
Stddev	.106	.00118	.00902	.01821	.0110	.00171	.0099
%RSD	.60935	.33428	3.0418	5.9305	.42654	.24725	.56511

#1	17.388	.35257	.28670	.32189	2.5766	.68917	1.7399
#2	17.212	.35465	.29879	.28673	2.5922	.69227	1.7471
#3	17.400	.35263	.30435	.31252	2.5710	.68948	1.7595

Sample Name: K1633-07A Acquired: 2/28/2019 15:26:58 Type: Unk
 Method: P4-ICP2(v2902) 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	.38130	F 12.46	.08014	1.5265	F<.00000
Stddev	.00151	.01	.00098	.0514	1.5041
%RSD	.39576	.0518	1.2236	3.3695	.22925
#1	.38000	12.47	.07906	1.4947	-655.14
#2	.38295	12.46	.08098	1.4991	-655.35
#3	.38094	12.45	.08038	1.5859	-657.85
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4108.8	43845.	4858.2	18.741	3562.6
Stddev	4.4	40.	25.3	1.248	4.3
%RSD	.10658	.09176	.52144	6.6582	.11948
#1	4106.1	43877.	4829.0	19.754	3557.9
#2	4106.4	43800.	4873.3	17.347	3563.6
#3	4113.8	43858.	4872.3	19.121	3566.3

Sample Name: K1350-12 Acquired: 2/28/2019 15:31:25 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	-.00232	.00795	.00310	.00196	.13657	.06083	.00019
Stddev	.00054	.00085	.00069	.00247	.00105	.00306	.00095	.00012
%RSD	37.923	36.445	8.6469	79.678	53.761	2.2426	1.5614	61.332

#1	-.00087	-.00179	.00874	.00590	.00116	.13695	.05988	.00027
#2	-.00195	-.00188	.00749	.00213	.00316	.13942	.06082	.00006
#3	-.00146	-.00330	.00762	.00126	.00157	.13333	.06178	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	33.894	.00551	.00393	.00314	.06447	.71104	2.1193
Stddev	.00018	.037	.00053	.00019	.00054	.00129	.00060	.0768
%RSD	221.40	.11011	9.5638	4.7558	17.040	2.0060	.08422	3.6222

#1	.00025	33.883	.00581	.00371	.00369	.06575	.71083	2.1031
#2	.00011	33.864	.00490	.00401	.00262	.06449	.71172	2.2029
#3	-.00011	33.936	.00581	.00405	.00312	.06316	.71058	2.0519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	.00105	253.34	.00015	.02088	.74359	-.00008	.00468
Stddev	.00026	.00051	3.76	.00082	.00023	.03304	.00017	.00571
%RSD	4.2497	48.405	1.4830	554.15	1.1076	4.4435	205.27	121.94

#1	.00600	.00163	256.47	-.00006	.02095	.71403	-.00028	.00906
#2	.00616	.00065	249.17	-.00055	.02107	.73747	.00002	-.00177
#3	.00652	.00088	254.38	.00106	.02062	.77926	.00001	.00676

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36171	.47863	.00017	.00033	-.00504	-.0009	.15211	4.3788
Stddev	.00531	.00484	.00048	.00038	.00110	.0010	.00034	.0433
%RSD	1.4694	1.0111	281.46	116.23	21.854	121.5	.22529	.98941

#1	.35710	.48417	-.00022	.00003	-.00604	-.0021	.15214	4.3365
#2	.36051	.47520	.00070	.00020	-.00521	-.0003	.15176	4.3766
#3	.36752	.47653	.00003	.00075	-.00386	-.0002	.15244	4.4231

Sample Name: K1350-12 Acquired: 2/28/2019 15:31:25 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.0309
Stddev	1.0301
%RSD	12.827

#1	9.0283
#2	8.0934
#3	6.9709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.1	37506.	4293.8	19.556	3554.0
Stddev	4.2	105.	50.5	.878	15.1
%RSD	.11905	.28078	1.1762	4.4901	.42447

#1	3540.3	37454.	4246.0	18.542	3538.3
#2	3537.4	37627.	4346.6	20.058	3555.4
#3	3545.7	37437.	4288.8	20.067	3568.3

Sample Name: K1350-12DUP Acquired: 2/28/2019 15:35:57 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00374	-.00158	.00879	.00321	.00387	.10473	.05886	.00017
Stddev	.00139	.00217	.00103	.00273	.00075	.01481	.00287	.00009
%RSD	37.117	137.54	11.751	85.043	19.299	14.145	4.8731	57.024

#1	-.00523	.00046	.00839	.00176	.00460	.09943	.06118	.00022
#2	-.00348	-.00387	.00997	.00151	.00310	.12147	.05565	.00006
#3	-.00249	-.00134	.00802	.00636	.00391	.09330	.05975	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	33.194	.00787	.00397	.00337	.06289	.69603	2.0606
Stddev	.00008	.065	.00014	.00025	.00080	.00202	.00171	.0590
%RSD	59.221	.19680	1.7893	6.3118	23.847	3.2166	.24633	2.8613

#1	.00010	33.270	.00783	.00404	.00391	.06520	.69466	2.0988
#2	.00007	33.152	.00775	.00417	.00245	.06142	.69548	1.9927
#3	.00022	33.161	.00803	.00369	.00376	.06205	.69795	2.0902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00710	.00075	251.00	-.00005	.02012	.76278	-.00038	.00479
Stddev	.00030	.00025	3.41	.00030	.00013	.06802	.00026	.00772
%RSD	4.2512	32.851	1.3576	639.67	.62288	8.9172	69.181	161.21

#1	.00677	.00055	254.91	.00013	.02004	.68559	-.00065	.01314
#2	.00735	.00068	249.39	.00012	.02006	.81395	-.00012	.00332
#3	.00719	.00103	248.69	-.00039	.02026	.78879	-.00037	-.00209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36484	.47182	.00060	.00065	.00307	-.0007	.14851	4.2267
Stddev	.00945	.00134	.00096	.00279	.00113	.0013	.00049	.0495
%RSD	2.5901	.28389	160.65	430.52	36.912	189.2	.33018	1.1723

#1	.36302	.47290	-.00051	.00074	.00176	-.0006	.14907	4.1698
#2	.37507	.47032	.00111	-.00219	.00376	.0006	.14815	4.2500
#3	.35644	.47224	.00120	.00339	.00368	-.0020	.14830	4.2603

Sample Name: K1350-12DUP Acquired: 2/28/2019 15:35:57 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.9594
Stddev	1.1026
%RSD	12.307

#1	8.0194
#2	8.6856
#3	10.173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.7	37831.	4319.3	18.944	3541.9
Stddev	13.1	147.	18.9	1.392	17.3
%RSD	.37005	.38875	.43848	7.3481	.48943

#1	3536.8	37946.	4297.6	20.158	3524.3
#2	3549.3	37880.	4332.5	17.425	3542.6
#3	3563.0	37665.	4327.9	19.250	3558.9

Sample Name: K1350-12LX5 Acquired: 2/28/2019 15:40:31 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7974 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00339	.00017	.00360	.00267	.00354	.01264	-.00811	.00008
Stddev	.00292	.00131	.00045	.00171	.00097	.00819	.00358	.00010
%RSD	85.998	775.14	12.560	64.257	27.292	64.812	44.176	114.84
#1	-.00669	.00045	.00336	.00396	.00459	.00587	-.00672	.00003
#2	-.00115	-.00126	.00333	.00332	.00336	.02174	-.01219	.00019
#3	-.00234	.00131	.00413	.00072	.00269	.01030	-.00543	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	5.5805	.00050	.00066	.00008	.00630	.11803	.34229
Stddev	.00010	.0295	.00037	.00020	.00007	.00034	.00036	.04026
%RSD	194.47	.52908	73.095	30.396	90.297	5.3724	.30223	11.763
#1	.00015	5.5537	.00008	.00050	.00017	.00592	.11824	.29984
#2	-.00005	5.5755	.00071	.00089	.00004	.00658	.11762	.37993
#3	.00006	5.6121	.00072	.00061	.00004	.00640	.11823	.34711
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	.00050	41.827	.00041	.00328	.32172	-.00020	-.00985
Stddev	.00018	.00072	.395	.00025	.00012	.03078	.00033	.00269
%RSD	10.945	143.74	.94461	61.418	3.6240	9.5659	163.37	27.341
#1	.00180	.00131	41.618	.00020	.00318	.29494	-.00059	-.01099
#2	.00173	-.00008	41.579	.00069	.00326	.35534	.00001	-.00678
#3	.00145	.00027	42.282	.00035	.00342	.31487	-.00004	-.01179
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03387	.08293	-.00026	.00032	-.00110	-.0027	.02476	3.6565
Stddev	.02111	.00297	.00112	.00134	.00265	.0016	.00015	.1006
%RSD	62.339	3.5784	438.03	414.15	241.40	60.68	.58945	2.7499
#1	.03204	.08080	.00006	-.00120	.00025	-.0038	.02466	3.7202
#2	.05583	.08167	-.00151	.00131	-.00416	-.0008	.02469	3.7088
#3	.01373	.08632	.00067	.00086	.00060	-.0034	.02493	3.5406

Sample Name: K1350-12LX5 Acquired: 2/28/2019 15:40:31 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7974 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7356
Stddev	.1453
%RSD	8.3729

#1	1.7358
#2	1.8809
#3	1.5902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.2	39650.	4319.8	18.546	3855.9
Stddev	24.7	149.	29.4	2.231	22.3
%RSD	.66759	.37680	.68154	12.029	.57709

#1	3721.2	39483.	4337.7	16.122	3878.1
#2	3701.4	39695.	4335.8	20.513	3856.0
#3	3672.1	39771.	4285.8	19.004	3833.6

Sample Name: K1350-12MS Acquired: 2/28/2019 15:44:56 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81949	1.8756	.99030	2.0619	.85000	2.2320	.25221
Stddev	.00821	.0093	.00300	.0094	.00105	.0179	.00395
%RSD	1.0024	.49429	.30325	.45578	.12332	.79957	1.5680

#1	.81180	1.8679	.98778	2.0615	.85019	2.2315	.25311
#2	.81852	1.8859	.99362	2.0528	.84886	2.2501	.25563
#3	.82814	1.8729	.98950	2.0715	.85093	2.2144	.24788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20451	.19277	35.392	.41051	.20588	.30092	2.8449
Stddev	.00066	.00097	.244	.00235	.00086	.00226	.0087
%RSD	.32499	.50121	.69055	.57320	.41975	.75231	.30624

#1	.20475	.19198	35.206	.41051	.20506	.30173	2.8530
#2	.20376	.19385	35.669	.40816	.20678	.29837	2.8357
#3	.20503	.19249	35.302	.41286	.20580	.30267	2.8458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92131	3.9699	.47793	.07554	259.18	.28978	.23019
Stddev	.00096	.0831	.00180	.00056	1.13	.00080	.00135
%RSD	.10435	2.0930	.37584	.74531	.43657	.27479	.58839

#1	.92197	3.8887	.47782	.07503	259.98	.28949	.22936
#2	.92020	3.9662	.47978	.07543	259.68	.28917	.23175
#3	.92175	4.0548	.47619	.07614	257.89	.29068	.22946

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6216	.42079	.27563	.38590	1.3229	.62550	.20137
Stddev	.0701	.00303	.01169	.00564	.0049	.00284	.00247
%RSD	.72886	.71930	4.2430	1.4611	.36908	.45326	1.2246

#1	9.6390	.41949	.27294	.37965	1.3194	.62301	.19998
#2	9.6815	.41863	.26552	.39060	1.3285	.62859	.20422
#3	9.5445	.42425	.28844	.38745	1.3209	.62492	.19991

Sample Name: K1350-12MS Acquired: 2/28/2019 15:44:56 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20968	5.893	.34686	4.4560	F<.00000
Stddev	.00703	.027	.00063	.1090	.47696
%RSD	3.3508	.4518	.18188	2.4460	5.1195
#1	.20867	5.875	.34655	4.5712	-9.0487
#2	.21716	5.923	.34645	4.3545	-9.8671
#3	.20322	5.880	.34759	4.4423	-9.0335
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.5	37470.	4235.8	17.796	3542.9
Stddev	3.7	160.	12.1	1.059	26.2
%RSD	.10488	.42723	.28566	5.9494	.74085
#1	3507.5	37287.	4223.2	19.005	3546.2
#2	3514.8	37581.	4247.4	17.355	3515.2
#3	3512.3	37542.	4236.7	17.030	3567.3

Sample Name: K1350-12MSD Acquired: 2/28/2019 15:49:11 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85484	1.9579	1.0305	2.1416	.88009	2.3183	.26498
Stddev	.00384	.0124	.0039	.0001	.00157	.0069	.00085
%RSD	.44866	.63405	.37520	.00336	.17790	.29555	.32236

#1	.85889	1.9721	1.0344	2.1417	.88083	2.3259	.26523
#2	.85126	1.9487	1.0306	2.1417	.88115	2.3165	.26402
#3	.85438	1.9530	1.0266	2.1416	.87829	2.3125	.26567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21449	.20061	36.955	.42967	.21489	.31267	2.9780
Stddev	.00043	.00088	.121	.00106	.00099	.00080	.0211
%RSD	.20228	.43986	.32851	.24727	.46283	.25634	.70767

#1	.21492	.20160	37.089	.43084	.21603	.31239	3.0022
#2	.21449	.20030	36.925	.42877	.21420	.31204	2.9683
#3	.21406	.19992	36.851	.42941	.21445	.31357	2.9636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96568	4.0725	.49692	.07974	268.88	.30393	.24013
Stddev	.00135	.0629	.00306	.00056	3.56	.00296	.00120
%RSD	.13937	1.5452	.61599	.69670	1.3244	.97439	.50086

#1	.96724	4.0658	.50044	.08013	267.32	.30651	.24134
#2	.96490	4.1385	.49547	.08000	272.96	.30069	.23894
#3	.96491	4.0132	.49485	.07911	266.37	.30457	.24012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9467	.43437	.29052	.40529	1.3930	.65025	.20621
Stddev	.0296	.00157	.01594	.02047	.0022	.00114	.00365
%RSD	.29793	.36255	5.4856	5.0504	.15753	.17598	1.7721

#1	9.9802	.43463	.29251	.38174	1.3909	.65138	.20223
#2	9.9239	.43269	.30537	.41533	1.3928	.65027	.20943
#3	9.9360	.43581	.27368	.41881	1.3953	.64909	.20696

Sample Name: K1350-12MSD Acquired: 2/28/2019 15:49:11 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21959	6.157	.36226	4.7733	F<.00000
Stddev	.00102	.030	.00294	.0771	.15138
%RSD	.46402	.4842	.81077	1.6147	1.9938

#1	.21931	6.190	.36556	4.8616	-7.6762
#2	.21874	6.146	.36130	4.7386	-7.4175
#3	.22072	6.134	.35992	4.7197	-7.6832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.8	36793.	4175.8	18.217	3468.8
Stddev	2.1	67.	28.6	1.851	16.4
%RSD	.06081	.18222	.68469	10.161	.47210

#1	3457.1	36729.	4153.8	16.330	3450.1
#2	3461.2	36863.	4165.5	18.293	3475.7
#3	3458.2	36788.	4208.1	20.029	3480.5

Sample Name: CCV03 Acquired: 2/28/2019 16:03:05 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14607 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3685	5.0931	5.3042	5.3019	5.4697	10.655	9.9447	.26450
Stddev	.0083	.0202	.0064	.0064	.0073	.079	.0400	.00004
%RSD	.15424	.39719	.12133	.12155	.13327	.74115	.40198	.01547
#1	5.3678	5.0881	5.2968	5.3091	5.4726	10.565	9.9474	.26446
#2	5.3605	5.1153	5.3068	5.2966	5.4614	10.715	9.9035	.26454
#3	5.3770	5.0758	5.3089	5.3000	5.4751	10.684	9.9833	.26450
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5301	24.734	1.0391	2.6218	1.2866	4.9487	2.6553	24.408
Stddev	.0022	.184	.0068	.0036	.0039	.0302	.0065	.155
%RSD	.08517	.74489	.65365	.13777	.30269	.60960	.24355	.63626
#1	2.5281	24.591	1.0314	2.6178	1.2910	4.9289	2.6478	24.343
#2	2.5324	24.670	1.0444	2.6225	1.2853	4.9339	2.6588	24.297
#3	2.5298	24.942	1.0414	2.6249	1.2835	4.9835	2.6592	24.586
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4558	1.3632	25.566	2.5741	2.6959	24.739	5.3583	4.6448
Stddev	.0028	.0070	.198	.0023	.0001	.047	.0045	.0365
%RSD	.11554	.51525	.77614	.08801	.00440	.18991	.08456	.78645
#1	2.4554	1.3559	25.547	2.5715	2.6958	24.746	5.3626	4.6098
#2	2.4589	1.3639	25.377	2.5752	2.6959	24.689	5.3535	4.6418
#3	2.4532	1.3699	25.773	2.5756	2.6960	24.782	5.3588	4.6827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0504	4.9022	4.7446	5.1855	4.8650	4.997	5.2131	4.5058
Stddev	.0365	.0272	.0012	.0135	.0154	.004	.0160	.1033
%RSD	.72350	.55525	.02580	.26030	.31667	.0736	.30687	2.2921
#1	5.0304	4.9130	4.7437	5.1743	4.8656	5.001	5.2081	4.3878
#2	5.0926	4.8713	4.7460	5.1818	4.8494	4.996	5.2001	4.5499
#3	5.0282	4.9224	4.7440	5.2005	4.8802	4.994	5.2310	4.5798

Sample Name: CCV03 Acquired: 2/28/2019 16:03:05 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14607 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .18687
Stddev	.78608
%RSD	420.65

#1	-.34369
#2	1.0900
#3	-.18566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.6	37632.	4152.3	18.251	3514.3
Stddev	3.7	193.	13.2	.974	3.3
%RSD	.10502	.51291	.31807	5.3357	.09518

#1	3506.0	37854.	4151.4	19.249	3518.0
#2	3507.4	37503.	4165.9	17.303	3511.4
#3	3500.4	37539.	4139.5	18.201	3513.4

Sample Name: CCB03 Acquired: 2/28/2019 16:07:04 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14607 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00176	.00126	.00099	.00060	-.00229	-.02050
Stddev	.00161	.00162	.00121	.00537	.00160	.01328	.00343
%RSD	172.90	91.947	95.879	540.83	264.98	579.40	16.708

#1	.00023	.00072	.00081	-.00163	.00219	-.01599	-.01917
#2	.00277	.00093	.00263	-.00256	.00063	.01052	-.02439
#3	-.00021	.00362	.00034	.00718	-.00101	-.00140	-.01794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00004	-.00051	.00008	.00014	-.00068	-.00128
Stddev	.00002	.00003	.01869	.00026	.00018	.00052	.00207
%RSD	19.425	77.780	3653.0	332.04	133.64	76.321	161.54

#1	.00010	.00000	.00557	.00014	.00031	-.00046	-.00036
#2	.00014	.00006	.01438	-.00021	.00016	-.00127	-.00366
#3	.00010	.00005	-.02149	.00030	-.00005	-.00031	.00017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.04356	.00049	.00053	-.09229	.00031	-.00009
Stddev	.00003	.00968	.00030	.00060	.02208	.00034	.00004
%RSD	67.081	22.217	60.584	112.81	23.927	109.84	41.722

#1	.00009	.03477	.00079	-.00002	-.10860	.00070	-.00005
#2	.00004	.05393	.00020	.00117	-.10110	.00010	-.00010
#3	.00002	.04198	.00049	.00044	-.06716	.00013	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18594	.00023	.00009	F -.01966	.00545	-.00046	-.00143
Stddev	.02312	.00028	.00762	.01742	.00273	.00058	.00239
%RSD	12.435	121.66	8788.1	88.600	50.105	125.05	167.50

#1	.15967	.00053	-.00534	-.02566	.00857	-.00086	-.00417
#2	.20320	.00016	-.00320	-.00003	.00346	-.00074	-.00036
#3	.19494	-.00001	.00880	-.03328	.00433	.00020	.00024

Sample Name: CCB03 Acquired: 2/28/2019 16:07:04 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14607 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.0036	.00023	F 3.6240	F<.00000
Stddev	.00046	.0010	.00007	.0555	.69989
%RSD	57.520	27.23	28.923	1.5303	107.55

#1	-.00091	-.0047	.00031	3.6005	-1.2347
#2	-.00119	-.0031	.00019	3.5842	.12504
#3	-.00029	-.0030	.00020	3.6873	-.84268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.8	39799.	4221.2	19.258	3997.3
Stddev	5.2	129.	38.4	1.217	5.5
%RSD	.14321	.32344	.90977	6.3216	.13695

#1	3658.2	39806.	4195.9	18.067	3991.3
#2	3668.6	39667.	4265.4	20.500	3998.6
#3	3664.6	39924.	4202.2	19.208	4002.0

Sample Name: K1350-12A Acquired: 2/28/2019 16:11:32 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85779	1.9703	1.0423	2.1501	.88578	2.3483	.26446
Stddev	.00222	.0010	.0032	.0027	.00180	.0145	.00581
%RSD	.25908	.04903	.31120	.12424	.20315	.61702	2.1976

#1	.85869	1.9700	1.0420	2.1472	.88545	2.3345	.26188
#2	.85942	1.9696	1.0393	2.1524	.88417	2.3634	.27112
#3	.85525	1.9714	1.0457	2.1507	.88772	2.3469	.26038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21428	.20211	36.917	.42790	.21618	.31408	2.9683
Stddev	.00012	.00027	.178	.00150	.00052	.00059	.0273
%RSD	.05708	.13500	.48164	.34980	.24257	.18677	.91830

#1	.21442	.20242	36.717	.42698	.21651	.31365	2.9935
#2	.21419	.20191	36.976	.42963	.21557	.31385	2.9721
#3	.21423	.20200	37.058	.42710	.21644	.31475	2.9394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96720	4.1377	.49994	.07861	270.55	.30029	.24248
Stddev	.00151	.0341	.00092	.00053	1.02	.00130	.00071
%RSD	.15636	.82473	.18497	.67669	.37618	.43417	.29244

#1	.96812	4.1129	.50006	.07833	271.13	.30112	.24274
#2	.96802	4.1235	.49896	.07828	269.38	.30095	.24168
#3	.96545	4.1766	.50079	.07923	271.15	.29878	.24302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8839	.43548	.27735	.40908	1.3832	.65160	.20449
Stddev	.0476	.00151	.00830	.00648	.0094	.00267	.00340
%RSD	.48169	.34671	2.9929	1.5840	.68237	.41013	1.6640

#1	9.8366	.43519	.27329	.40898	1.3915	.65463	.20384
#2	9.9318	.43414	.28690	.40265	1.3852	.65056	.20145
#3	9.8834	.43711	.27187	.41561	1.3729	.64960	.20817

Sample Name: K1350-12A Acquired: 2/28/2019 16:11:32 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21486	6.182	.36260	4.8408	F<.00000
Stddev	.00307	.003	.00119	.0912	1.1073
%RSD	1.4292	.0437	.32846	1.8833	13.067
#1	.21197	6.179	.36397	4.9452	-7.6503
#2	.21809	6.183	.36182	4.8005	-9.7324
#3	.21452	6.185	.36201	4.7768	-8.0382
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.8	36744.	4185.9	18.435	3439.9
Stddev	4.3	76.	32.9	.593	5.2
%RSD	.12610	.20784	.78546	3.2188	.14995
#1	3434.9	36712.	4152.3	19.025	3434.1
#2	3441.8	36689.	4187.4	18.443	3443.9
#3	3433.8	36831.	4218.1	17.838	3441.7

Sample Name: K1350-14 Acquired: 2/28/2019 16:15:47 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	-.00269	.00910	.00391	-.00162	.10010	.09009	.00019
Stddev	.00220	.00165	.00085	.00305	.00066	.01270	.00548	.00018
%RSD	103.17	61.341	9.3660	77.884	40.829	12.690	6.0850	95.567

#1	-.00247	-.00079	.00974	.00340	-.00155	.09805	.09452	-.00001
#2	-.00414	-.00354	.00813	.00115	-.00100	.08855	.09179	.00023
#3	.00022	-.00375	.00942	.00718	-.00231	.11371	.08396	.00035

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	50.950	.00047	.00505	.00554	.26627	.87505	3.8772
Stddev	.00004	.625	.00046	.00020	.00028	.00329	.00257	.0270
%RSD	78.881	1.2259	96.887	3.8686	5.1319	1.2348	.29346	.69745

#1	.00008	51.272	.00009	.00526	.00576	.27007	.87366	3.8519
#2	.00001	50.231	.00098	.00487	.00564	.26440	.87349	3.9057
#3	.00006	51.349	.00035	.00502	.00522	.26435	.87802	3.8738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	.00070	294.49	-.00013	.02295	.79645	-.00029	.02051
Stddev	.00034	.00085	7.65	.00028	.00003	.03773	.00010	.00640
%RSD	8.1300	121.00	2.5979	224.04	.11590	4.7379	33.782	31.221

#1	.00397	.00044	303.14	-.00031	.02293	.76828	-.00018	.01771
#2	.00397	.00164	288.62	-.00027	.02294	.83933	-.00038	.01598
#3	.00455	.00001	291.71	.00020	.02298	.78175	-.00031	.02783

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15438	.40567	.00098	.00067	.01274	-.0008	.21522	4.6961
Stddev	.02921	.00776	.00081	.00312	.00160	.0009	.00052	.0286
%RSD	18.921	1.9137	83.050	461.53	12.533	114.5	.24170	.60854

#1	.12294	.41305	.00189	-.00135	.01187	-.0003	.21546	4.7105
#2	.18068	.39757	.00035	.00426	.01178	-.0019	.21558	4.6632
#3	.15950	.40640	.00069	-.00089	.01459	-.0003	.21463	4.7146

Sample Name: K1350-14 Acquired: 2/28/2019 16:15:47 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.6433
Stddev	1.4380
%RSD	14.912

#1	7.9829
#2	10.457
#3	10.490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.7	36760.	4256.0	18.858	3456.6
Stddev	8.4	75.	53.3	.738	7.4
%RSD	.24283	.20416	1.2514	3.9137	.21421

#1	3433.7	36828.	4196.7	19.708	3448.8
#2	3450.2	36773.	4299.8	18.383	3457.4
#3	3444.2	36680.	4271.6	18.483	3463.5

Sample Name: K1350-16 Acquired: 2/28/2019 16:20:23 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00451	-.00286	.01038	.00825	-.00087	.12710	.09316	.00019
Stddev	.00134	.00133	.00067	.00092	.00219	.00348	.00207	.00007
%RSD	29.603	46.567	6.4861	11.094	250.75	2.7352	2.2232	36.487

#1	-.00473	-.00370	.01074	.00917	-.00244	.12895	.09204	.00013
#2	-.00308	-.00132	.01079	.00825	-.00182	.12309	.09189	.00026
#3	-.00572	-.00355	.00960	.00734	.00163	.12925	.09555	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	37.331	.00051	.00853	.00525	.47347	.90111	3.1807
Stddev	.00004	.168	.00050	.00036	.00061	.00073	.00583	.0366
%RSD	95.040	.45106	98.527	4.1843	11.549	.15434	.64687	1.1520

#1	.00002	37.306	-.00004	.00814	.00456	.47426	.89583	3.1661
#2	.00002	37.511	.00064	.00883	.00565	.47282	.90013	3.2224
#3	.00010	37.177	.00094	.00862	.00556	.47332	.90736	3.1536

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00444	.00110	301.58	-.00001	.02582	.90859	-.00004	.00463
Stddev	.00026	.00039	2.49	.00069	.00017	.03286	.00021	.00161
%RSD	5.8035	35.112	.82460	5012.7	.64716	3.6167	571.89	34.712

#1	.00419	.00153	303.59	-.00047	.02579	.87661	-.00024	.00555
#2	.00444	.00079	302.35	-.00035	.02566	.90689	.00017	.00556
#3	.00471	.00097	298.80	.00078	.02600	.94227	-.00004	.00277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20866	.47418	.00186	.00140	.01276	-.0032	.13736	4.5130
Stddev	.01115	.00451	.00057	.00340	.00141	.0026	.00026	.0752
%RSD	5.3421	.95127	30.727	243.06	11.025	82.46	.18846	1.6654

#1	.20387	.47634	.00150	-.00251	.01199	-.0062	.13752	4.4289
#2	.20071	.46899	.00156	.00362	.01439	-.0019	.13750	4.5365
#3	.22140	.47721	.00252	.00309	.01191	-.0014	.13706	4.5737

Sample Name: K1350-16 Acquired: 2/28/2019 16:20:23 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-022619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.0388
 Stddev .8559
 %RSD 12.160

#1 7.8688
 #2 6.1592
 #3 7.0885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3425.0	37014.	4269.4	19.058	3448.6
Stddev	3.6	218.	27.7	.442	14.5
%RSD	.10485	.58883	.64783	2.3174	.41931

#1	3428.9	37228.	4238.1	18.617	3464.8
#2	3424.1	37020.	4279.7	19.058	3436.9
#3	3421.9	36792.	4290.5	19.500	3444.1

Sample Name: K1353-02 Acquired: 2/28/2019 16:24:57 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	-.00290	.00509	.00238	.00070	.13547	.12969	.00017
Stddev	.00302	.00159	.00059	.00336	.00197	.01847	.00609	.00012
%RSD	119.70	54.911	11.651	141.45	279.88	13.634	4.6927	67.906

#1	-.00561	-.00345	.00574	.00596	-.00154	.15264	.12337	.00004
#2	-.00238	-.00413	.00457	.00189	.00213	.13784	.13551	.00027
#3	.00042	-.00110	.00497	-.00071	.00152	.11593	.13018	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	21.653	.00120	.00178	.00718	.07074	.44283	3.3556
Stddev	.00012	.026	.00026	.00031	.00035	.00109	.00188	.0647
%RSD	188.99	.12102	21.402	17.319	4.8823	1.5383	.42496	1.9283

#1	-.00003	21.671	.00130	.00184	.00708	.07043	.44501	3.3706
#2	.00002	21.623	.00139	.00205	.00689	.07196	.44171	3.2848
#3	.00020	21.665	.00091	.00145	.00757	.06985	.44178	3.4116

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	.00068	269.08	.00017	.07169	1.3992	-.00025	.02467
Stddev	.00031	.00062	1.42	.00032	.00051	.0437	.00060	.00291
%RSD	12.464	90.464	.52683	184.51	.71089	3.1261	244.29	11.800

#1	.00244	.00139	267.53	-.00004	.07112	1.3578	-.00036	.02189
#2	.00216	.00026	269.40	.00002	.07184	1.3949	.00040	.02770
#3	.00277	.00039	270.31	.00054	.07211	1.4449	-.00078	.02442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21098	.70003	.00078	.00291	.01141	.0118	.07235	4.6412
Stddev	.04296	.00425	.00037	.00135	.00182	.0013	.00015	.0441
%RSD	20.362	.60711	47.652	46.411	15.921	10.79	.20290	.95019

#1	.16623	.69603	.00094	.00311	.00939	.0131	.07251	4.6227
#2	.21482	.69958	.00036	.00415	.01192	.0105	.07224	4.6093
#3	.25189	.70449	.00105	.00147	.01291	.0119	.07229	4.6915

Sample Name: K1353-02 Acquired: 2/28/2019 16:24:57 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5252
 Stddev .3377
 %RSD 5.1752

#1 6.7808
 #2 6.1424
 #3 6.6523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.9	36898.	4236.7	20.336	3472.0
Stddev	11.9	48.	6.9	.596	10.0
%RSD	.34538	.13138	.16234	2.9300	.28790

#1	3428.4	36860.	4232.9	20.083	3483.4
#2	3446.5	36952.	4232.7	21.017	3464.4
#3	3450.8	36880.	4244.7	19.908	3468.3

Sample Name: K1353-04 Acquired: 2/28/2019 16:29:28 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00376	-.00362	.00538	.00178	.00077	.38193	.22231	.00022
Stddev	.00329	.00069	.00072	.00267	.00236	.01568	.00366	.00010
%RSD	87.516	19.037	13.369	150.01	307.52	4.1056	1.6451	44.703

#1	-.00018	-.00317	.00621	.00064	-.00171	.36384	.22495	.00032
#2	-.00665	-.00441	.00494	.00483	.00103	.39028	.22383	.00021
#3	-.00446	-.00326	.00498	-.00013	.00298	.39167	.21813	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	16.806	-.00010	.00225	.00506	.26007	1.6426	2.5988
Stddev	.00008	.057	.00029	.00014	.00062	.00455	.0034	.0350
%RSD	58.398	.33931	284.68	6.3518	12.291	1.7493	.20428	1.3450

#1	.00023	16.789	-.00038	.00240	.00447	.26479	1.6436	2.6389
#2	.00007	16.760	-.00011	.00212	.00571	.25971	1.6389	2.5745
#3	.00012	16.870	.00019	.00224	.00501	.25571	1.6453	2.5830

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	.00151	280.24	-.00044	.05447	1.0186	-.00046	.02670
Stddev	.00036	.00052	1.37	.00008	.00017	.0276	.00026	.00715
%RSD	7.2616	34.600	.48830	19.137	.31713	2.7079	55.689	26.766

#1	.00465	.00206	281.70	-.00054	.05428	1.0331	-.00067	.01935
#2	.00499	.00147	278.98	-.00038	.05451	.98680	-.00018	.02713
#3	.00538	.00101	280.04	-.00041	.05462	1.0359	-.00054	.03362

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20377	.83395	.00059	.01201	.00724	.0063	.06804	4.4572
Stddev	.00472	.01173	.00023	.00236	.00373	.0005	.00009	.1909
%RSD	2.3146	1.4068	39.489	19.684	51.515	7.652	.12959	4.2837

#1	.20914	.84714	.00046	.01464	.00295	.0069	.06794	4.3940
#2	.20184	.83006	.00086	.01132	.00906	.0062	.06809	4.3059
#3	.20032	.82467	.00045	.01007	.00971	.0059	.06810	4.6717

Sample Name: K1353-04 Acquired: 2/28/2019 16:29:28 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.2750
Stddev	.9428
%RSD	12.960

#1	6.2276
#2	7.5419
#3	8.0556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.4	36897.	4311.1	19.003	3480.3
Stddev	9.1	33.	42.0	.853	9.6
%RSD	.26442	.08828	.97403	4.4871	.27534

#1	3438.2	36910.	4275.7	18.925	3491.3
#2	3442.5	36860.	4357.5	18.192	3475.9
#3	3455.6	36922.	4300.2	19.892	3473.7

Sample Name: K1353-06 Acquired: 2/28/2019 16:34:00 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00550	-.00240	.00312	.00262	.00052	.13108	.08997	.00019
Stddev	.00263	.00209	.00053	.00232	.00141	.01308	.00091	.00004
%RSD	47.898	87.336	17.132	88.664	267.92	9.9787	1.0091	20.844

#1	-.00685	-.00477	.00254	.00245	-.00105	.12789	.08980	.00015
#2	-.00718	-.00158	.00320	.00503	.00096	.11988	.08917	.00022
#3	-.00246	-.00083	.00360	.00039	.00166	.14545	.09096	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	11.498	.00061	.00019	.00450	.04227	.48006	1.8951
Stddev	.00005	.042	.00057	.00033	.00084	.00134	.00106	.0088
%RSD	25.361	.36904	92.708	172.70	18.614	3.1666	.22072	.46337

#1	.00020	11.475	-.00004	-.00002	.00462	.04363	.47902	1.8912
#2	.00022	11.471	.00089	.00002	.00527	.04095	.48001	1.8890
#3	.00013	11.547	.00100	.00057	.00361	.04224	.48114	1.9052

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00059	260.94	.00027	.02330	.74151	-.00022	.00832
Stddev	.00085	.00021	5.73	.00020	.00007	.01155	.00032	.00852
%RSD	40.851	35.416	2.1969	76.126	.29645	1.5575	143.21	102.42

#1	.00200	.00073	265.88	.00050	.02334	.73267	-.00032	.00347
#2	.00298	.00070	254.65	.00015	.02333	.75458	-.00048	.00333
#3	.00128	.00035	262.29	.00015	.02322	.73729	.00013	.01816

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17652	.50807	.00115	.00305	.00795	.0037	.05384	4.7432
Stddev	.00839	.01349	.00021	.00382	.00081	.0012	.00042	.1102
%RSD	4.7549	2.6552	18.408	125.54	10.183	32.52	.77514	2.3241

#1	.18602	.52197	.00104	.00383	.00706	.0044	.05418	4.6194
#2	.17012	.49503	.00102	.00641	.00815	.0045	.05338	4.7794
#3	.17341	.50721	.00139	-.00111	.00865	.0023	.05397	4.8307

Sample Name: K1353-06 Acquired: 2/28/2019 16:34:00 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3058
 Stddev 1.1848
 %RSD 18.789

#1 6.3401
 #2 7.4732
 #3 5.1043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.6	36604.	4251.9	18.892	3455.2
Stddev	8.1	110.	63.1	.695	7.6
%RSD	.23637	.30026	1.4844	3.6777	.21904

#1	3423.4	36730.	4191.2	18.100	3463.7
#2	3435.8	36533.	4317.2	19.175	3452.9
#3	3420.6	36549.	4247.1	19.400	3449.1

Sample Name: K1353-08 Acquired: 2/28/2019 16:38:33 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00339	.00587	.00319	-.00207	.15473	.13605	.00013
Stddev	.00096	.00130	.00121	.00327	.00155	.00309	.00219	.00008
%RSD	44.594	38.479	20.701	102.69	74.498	1.9971	1.6077	59.318

#1	-.00326	-.00466	.00447	.00118	-.00386	.15678	.13857	.00017
#2	-.00160	-.00206	.00651	.00696	-.00118	.15623	.13474	.00017
#3	-.00159	-.00345	.00662	.00141	-.00118	.15117	.13483	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	29.031	.00083	.00746	.00217	.06563	.79494	2.5458
Stddev	.00004	.111	.00015	.00009	.00091	.00149	.00055	.0196
%RSD	94.277	.38235	18.652	1.2544	41.808	2.2659	.06861	.76940

#1	.00007	29.070	.00065	.00739	.00262	.06534	.79471	2.5399
#2	.00006	28.905	.00091	.00757	.00278	.06431	.79455	2.5299
#3	-.00000	29.117	.00092	.00743	.00113	.06724	.79556	2.5677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	.00130	289.88	.00016	.05271	2.0510	-.00033	.01297
Stddev	.00040	.00016	2.28	.00069	.00032	.0532	.00028	.00492
%RSD	18.662	12.692	.78537	439.19	.59865	2.5925	86.133	37.964

#1	.00261	.00134	292.49	.00072	.05235	1.9985	-.00002	.01773
#2	.00196	.00111	288.28	.00037	.05284	2.1048	-.00040	.01329
#3	.00188	.00143	288.88	-.00062	.05293	2.0498	-.00057	.00790

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27919	.73239	.00100	.00054	.00906	.0158	.09654	4.6602
Stddev	.00743	.00671	.00083	.00271	.00302	.0006	.00033	.0883
%RSD	2.6630	.91638	82.814	502.17	33.333	3.688	.34457	1.8957

#1	.27062	.72604	.00067	.00311	.00574	.0156	.09691	4.5886
#2	.28401	.73941	.00194	-.00228	.00981	.0153	.09626	4.6331
#3	.28293	.73173	.00039	.00078	.01163	.0165	.09646	4.7589

Sample Name: K1353-08 Acquired: 2/28/2019 16:38:33 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-022619 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.4183
 Stddev 1.2015
 %RSD 14.273

#1 8.5252
 #2 7.1668
 #3 9.5627

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.1	36729.	4216.5	19.575	3457.1
Stddev	9.0	95.	22.8	.699	14.9
%RSD	.26375	.25871	.54132	3.5722	.43162

#1	3415.6	36620.	4191.0	19.042	3467.3
#2	3414.2	36792.	4235.1	19.317	3464.1
#3	3430.5	36776.	4223.5	20.367	3440.0

Sample Name: K1619-01 Acquired: 2/28/2019 16:43:06 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00352	-.00383	-.00035	.00660	.00144	.08246	.31363
Stddev	.00288	.00039	.00094	.00594	.00108	.00858	.00365
%RSD	81.904	10.248	267.63	89.902	75.160	10.404	1.1626

#1	-.00574	-.00428	-.00117	-.00011	.00043	.07440	.31778
#2	-.00454	-.00357	.00068	.01117	.00132	.09148	.31094
#3	-.00026	-.00363	-.00056	.00874	.00258	.08150	.31216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00142	88.305	.00056	.00321	.00364	25.980
Stddev	.00009	.00002	.533	.00033	.00013	.00048	.292
%RSD	55.075	1.4317	.60315	58.190	3.9843	13.148	1.1221

#1	.00023	-.00142	88.609	.00063	.00328	.00309	26.234
#2	.00006	-.00144	87.690	.00021	.00306	.00395	25.662
#3	.00023	-.00140	88.617	.00085	.00329	.00388	26.045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27570	1.9546	.01322	-.00030	299.45	.00100	.10661
Stddev	.00046	.0436	.00029	.00066	3.18	.00016	.00087
%RSD	.16722	2.2296	2.1659	223.32	1.0635	15.924	.81551

#1	.27583	1.9225	.01318	-.00021	303.10	.00101	.10583
#2	.27519	1.9369	.01295	-.00099	297.28	.00115	.10645
#3	.27608	2.0042	.01352	.00031	297.95	.00084	.10755

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74487	.00703	.03791	.64668	.96315	.00298	.00202
Stddev	.03985	.00034	.00205	.02214	.01618	.00010	.00044
%RSD	5.3499	4.8150	5.4020	3.4233	1.6799	3.1999	21.530

#1	.69969	.00740	.03562	.62745	.97037	.00288	.00185
#2	.77502	.00696	.03852	.64170	.94461	.00307	.00170
#3	.75988	.00674	.03958	.67088	.97446	.00299	.00252

Sample Name: K1619-01 Acquired: 2/28/2019 16:43:06 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02141	.7395	.22903	4.7639	F<.00000
Stddev	.00148	.0023	.00047	.1197	.74360
%RSD	6.8896	.3044	.20323	2.5120	1.1471

#1	.01982	.7369	.22935	4.7757	-65.004
#2	.02170	.7407	.22849	4.8772	-64.008
#3	.02272	.7408	.22924	4.6387	-65.462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.8	36168.	4203.2	18.590	3383.6
Stddev	4.0	100.	42.2	.694	16.5
%RSD	.11962	.27748	1.0037	3.7341	.48787

#1	3368.1	36119.	4159.7	19.382	3396.8
#2	3368.8	36101.	4243.9	18.305	3388.9
#3	3375.4	36283.	4205.9	18.084	3365.0

Sample Name: K1632-01 Acquired: 2/28/2019 16:47:37 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 50153 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00170	.00267	.00241	.00075	.00972	.09458	.00007
Stddev	.00025	.00262	.00019	.00232	.00147	.00889	.00203	.00002
%RSD	13.906	153.90	7.1086	96.000	197.23	91.461	2.1448	28.282

#1	-.00184	-.00034	.00247	-.00003	-.00046	.00297	.09359	.00008
#2	-.00205	-.00473	.00269	.00270	.00239	.01979	.09691	.00007
#3	-.00155	-.00004	.00284	.00457	.00032	.00639	.09323	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.77186	.00091	-.00029	-.00040	.00379	.00762	.17590
Stddev	.00003	.00353	.00024	.00031	.00051	.00066	.00007	.07254
%RSD	187.70	.45702	25.970	107.87	125.36	17.463	.87751	41.242

#1	.00001	.76782	.00100	-.00006	-.00052	.00455	.00754	.11543
#2	-.00005	.77344	.00108	-.00064	-.00084	.00334	.00767	.15593
#3	-.00002	.77433	.00064	-.00016	.00015	.00348	.00763	.25633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	.00087	246.16	.00088	.23834	.58964	.00104	.04390
Stddev	.00040	.00071	2.51	.00058	.00144	.03015	.00034	.00914
%RSD	22.364	81.673	1.0196	65.452	.60288	5.1125	32.330	20.822

#1	.00222	.00167	248.64	.00140	.23927	.58898	.00071	.05328
#2	.00155	.00066	246.22	.00098	.23668	.62011	.00138	.03502
#3	.00153	.00029	243.62	.00026	.23906	.55983	.00104	.04340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36458	.05835	-.00050	-.00103	.00344	.2896	.00489	4.4520
Stddev	.01619	.00613	.00022	.00273	.00410	.0020	.00005	.2152
%RSD	4.4408	10.497	42.968	265.79	119.12	.7024	.93318	4.8327

#1	.37772	.05128	-.00075	.00037	-.00018	.2896	.00484	4.6015
#2	.34650	.06167	-.00038	.00072	.00789	.2876	.00493	4.5491
#3	.36953	.06210	-.00037	-.00417	.00261	.2917	.00490	4.2054

Sample Name: K1632-01 Acquired: 2/28/2019 16:47:37 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 50153 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0101
 Stddev .6847
 %RSD 17.074

#1 4.4855
 #2 3.2253
 #3 4.3195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.1	36994.	4268.9	18.936	3535.8
Stddev	5.0	270.	27.0	.438	20.0
%RSD	.14366	.72880	.63324	2.3125	.56590

#1	3463.0	36902.	4245.7	19.442	3521.0
#2	3473.0	36783.	4262.4	18.692	3558.5
#3	3468.2	37298.	4298.6	18.675	3527.9

Sample Name: K1633-04 Acquired: 2/28/2019 16:52:12 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	-.00196	.00263	.00605	-.00023	.08384	.03265	.00019
Stddev	.00092	.00296	.00093	.00164	.00081	.01974	.00871	.00008
%RSD	22.589	150.84	35.308	27.123	351.56	23.546	26.674	39.914

#1	-.00513	.00129	.00301	.00590	-.00084	.10255	.02261	.00023
#2	-.00363	-.00450	.00157	.00777	-.00054	.06321	.03709	.00010
#3	-.00346	-.00267	.00331	.00449	.00069	.08575	.03823	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	3.5188	.00084	-.00019	.00962	.01485	.03320	.51390
Stddev	.00004	.0304	.00060	.00026	.00053	.00156	.00021	.02689
%RSD	39.837	.86357	71.451	134.10	5.5131	10.475	.62860	5.2324

#1	-.00006	3.4880	.00069	-.00049	.00931	.01330	.03340	.49541
#2	-.00008	3.5487	.00149	-.00003	.01023	.01484	.03298	.50154
#3	-.00013	3.5198	.00033	-.00006	.00931	.01642	.03322	.54474

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	.00117	285.96	.00075	.01020	.42266	-.00015	.00317
Stddev	.00065	.00072	1.30	.00045	.00016	.02185	.00020	.01316
%RSD	31.339	61.263	.45295	59.668	1.5686	5.1688	138.82	414.66

#1	.00282	.00190	287.06	.00109	.01037	.44683	-.00004	-.00661
#2	.00157	.00115	286.28	.00093	.01015	.41681	-.00002	-.00200
#3	.00185	.00046	284.53	.00024	.01006	.40433	-.00038	.01813

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04936	.14018	.00089	.00008	.00093	.0028	.01324	4.4861
Stddev	.01650	.00464	.00041	.00219	.00458	.0014	.00007	.1967
%RSD	33.421	3.3106	45.956	2781.9	493.08	49.28	.52635	4.3838

#1	.03045	.14480	.00105	.00228	-.00430	.0039	.01328	4.2617
#2	.06077	.14023	.00043	.00006	.00420	.0012	.01329	4.6284
#3	.05688	.13552	.00120	-.00211	.00290	.0032	.01316	4.5682

Sample Name: K1633-04 Acquired: 2/28/2019 16:52:12 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.9306
 Stddev 1.0075
 %RSD 20.434

#1 6.0640
 #2 4.5910
 #3 4.1367

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.7	37005.	4242.5	19.347	3469.4
Stddev	9.9	161.	27.5	1.051	4.4
%RSD	.28649	.43407	.64871	5.4333	.12744

#1	3462.8	37123.	4210.8	19.100	3470.6
#2	3455.1	36822.	4256.7	18.442	3473.0
#3	3443.2	37070.	4260.0	20.500	3464.5

Sample Name: CCV04 Acquired: 2/28/2019 17:01:55 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7974 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3393	5.0403	5.2511	5.2586	5.4394	10.558	9.7766	.26239
Stddev	.0066	.0057	.0037	.0065	.0149	.026	.0410	.00025
%RSD	.12458	.11241	.06965	.12345	.27330	.24804	.41883	.09343
#1	5.3455	5.0340	5.2552	5.2539	5.4324	10.556	9.7829	.26265
#2	5.3323	5.0449	5.2496	5.2660	5.4565	10.532	9.7328	.26216
#3	5.3401	5.0419	5.2483	5.2559	5.4294	10.585	9.8140	.26235
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5014	24.482	1.0325	2.5998	1.2764	4.9160	2.6442	24.245
Stddev	.0019	.085	.0011	.0011	.0039	.0085	.0013	.170
%RSD	.07551	.34523	.10984	.04135	.30265	.17236	.04878	.69972
#1	2.5035	24.531	1.0316	2.6009	1.2758	4.9210	2.6430	24.199
#2	2.5010	24.385	1.0322	2.5997	1.2805	4.9063	2.6442	24.104
#3	2.4998	24.532	1.0338	2.5988	1.2728	4.9208	2.6455	24.433
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4202	1.3538	25.088	2.5432	2.6773	24.168	5.3294	4.5895
Stddev	.0020	.0033	.170	.0109	.0027	.085	.0080	.0128
%RSD	.08366	.24603	.67726	.42925	.10043	.35342	.15101	.27974
#1	2.4186	1.3512	25.265	2.5335	2.6800	24.213	5.3283	4.5948
#2	2.4225	1.3528	24.926	2.5550	2.6772	24.070	5.3379	4.5988
#3	2.4196	1.3576	25.073	2.5411	2.6746	24.222	5.3219	4.5748
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9811	4.8313	4.6681	5.1453	4.7794	4.950	5.1375	4.6583
Stddev	.0573	.0117	.0127	.0183	.0227	.013	.0191	.0423
%RSD	1.1500	.24218	.27254	.35508	.47415	.2598	.37136	.90834
#1	4.9389	4.8315	4.6767	5.1663	4.7828	4.943	5.1288	4.6991
#2	5.0463	4.8196	4.6535	5.1355	4.7552	4.965	5.1242	4.6146
#3	4.9580	4.8430	4.6740	5.1340	4.8001	4.942	5.1593	4.6611

Sample Name: CCV04 Acquired: 2/28/2019 17:01:55 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7974 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4224
Stddev	1.2712
%RSD	89.373

#1	.19669
#2	1.3357
#3	2.7347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.4	37515.	4168.1	18.556	3520.5
Stddev	2.8	35.	7.3	.604	4.2
%RSD	.07986	.09452	.17501	3.2538	.12011

#1	3497.4	37502.	4161.7	18.380	3515.7
#2	3494.6	37555.	4176.1	18.059	3523.6
#3	3500.2	37488.	4166.6	19.228	3522.3

Sample Name: CCB04 Acquired: 2/28/2019 17:05:53 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14608 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	.00190	.00079	-.00102	.00222	-.00698	-.01910
Stddev	.00175	.00081	.00120	.00185	.00358	.00468	.00133
%RSD	105.40	42.772	151.32	180.53	161.75	67.036	6.9396

#1	-.00266	.00173	.00213	.00111	-.00183	-.00662	-.01840
#2	.00036	.00119	-.00016	-.00221	.00500	-.01184	-.01828
#3	-.00269	.00279	.00039	-.00197	.00347	-.00249	-.02063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00015	.01243	.00027	.00017	-.00026	-.00182
Stddev	.00007	.00003	.00342	.00037	.00020	.00035	.00136
%RSD	64.522	19.606	27.548	136.96	118.65	132.64	74.874

#1	.00014	.00018	.01454	-.00015	.00021	-.00046	-.00097
#2	.00003	.00016	.00848	.00056	.00034	-.00047	-.00110
#3	.00017	.00012	.01427	.00041	-.00005	.00014	-.00339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.08013	.00075	.00119	-.02555	.00062	-.00047
Stddev	.00005	.02673	.00042	.00022	.03233	.00034	.00003
%RSD	45.677	33.364	55.976	18.047	126.56	53.777	7.0738

#1	.00007	.05009	.00121	.00128	-.04199	.00042	-.00049
#2	.00016	.08901	.00065	.00135	-.04636	.00101	-.00043
#3	.00008	.10130	.00039	.00095	.01170	.00045	-.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10586	.00008	.01326	F -.01200	.00505	-.00092	-.00088
Stddev	.03646	.00012	.00361	.00619	.00205	.00018	.00082
%RSD	34.442	146.33	27.226	51.601	40.576	19.848	92.612

#1	.06397	-.00006	.01283	-.00819	.00723	-.00071	-.00174
#2	.13045	.00016	.01706	-.00867	.00475	-.00099	-.00010
#3	.12316	.00014	.00988	-.01915	.00316	-.00106	-.00081

Sample Name: CCB04 Acquired: 2/28/2019 17:05:53 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14608 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00332	-0.0046	.00038	F 3.6709	F<.00000
Stddev	.00331	.0014	.00006	.1203	.64698
%RSD	99.937	31.14	15.768	3.2762	33.042

#1	-0.00712	-0.0061	.00043	3.6966	-2.4432
#2	-0.00108	-0.0046	.00039	3.7762	-2.2076
#3	-0.00174	-0.0032	.00032	3.5399	-1.2235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.3	39526.	4220.1	20.272	3983.5
Stddev	21.2	238.	20.2	1.109	17.5
%RSD	.58314	.60286	.47856	5.4696	.43814

#1	3615.3	39330.	4222.7	20.433	3964.3
#2	3647.0	39457.	4198.7	21.292	3987.9
#3	3655.6	39791.	4238.8	19.092	3998.4

Sample Name: K1633-08 Acquired: 2/28/2019 17:10:21 Type: Unk
Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	-.00118	.00275	.00179	.00172	.06613	.07441	.00016
Stddev	.00139	.00192	.00039	.00530	.00155	.01233	.00291	.00005
%RSD	39.132	161.99	14.096	295.64	89.835	18.641	3.9141	28.249

#1	-.00275	-.00131	.00318	.00783	.00231	.05190	.07174	.00012
#2	-.00274	-.00304	.00264	-.00038	-.00003	.07278	.07397	.00021
#3	-.00516	.00079	.00243	-.00208	.00289	.07370	.07752	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	2.1368	.00052	-.00017	.00792	.00901	.02547	.59982
Stddev	.00002	.0308	.00027	.00020	.00055	.00094	.00006	.08088
%RSD	28.780	1.4390	50.969	117.15	6.9047	10.478	.23859	13.484

#1	.00005	2.1517	.00038	.00006	.00753	.00963	.02543	.50669
#2	.00010	2.1572	.00036	-.00027	.00769	.00948	.02543	.64033
#3	.00008	2.1014	.00083	-.00030	.00854	.00793	.02554	.65244

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	.00011	251.58	-.00007	.02099	.41324	-.00008	.01342
Stddev	.00082	.00048	2.22	.00078	.00014	.04081	.00010	.00807
%RSD	33.580	425.99	.88436	1063.1	.65695	9.8761	133.68	60.133

#1	.00226	.00058	254.10	.00081	.02110	.38688	-.00010	.00609
#2	.00174	.00014	249.90	-.00068	.02083	.46025	-.00017	.01211
#3	.00335	-.00038	250.73	-.00035	.02102	.39258	.00004	.02207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10168	.09981	.00040	.00111	-.00474	.0020	.01068	4.4607
Stddev	.02349	.00148	.00078	.00245	.00222	.0001	.00011	.0577
%RSD	23.100	1.4781	196.42	221.52	46.709	7.463	1.0015	1.2924

#1	.07550	.10024	-.00028	.00177	-.00668	.0019	.01077	4.4371
#2	.10864	.10103	.00023	-.00161	-.00233	.0021	.01070	4.4186
#3	.12090	.09817	.00125	.00315	-.00523	.0018	.01056	4.5264

Sample Name: K1633-08 Acquired: 2/28/2019 17:10:21 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-11-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.5164
 Stddev 1.1041
 %RSD 31.399

#1 2.2553
 #2 3.9847
 #3 4.3092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.2	37286.	4262.6	20.364	3522.2
Stddev	6.6	109.	16.1	1.752	13.9
%RSD	.19030	.29107	.37705	8.6048	.39489

#1	3472.6	37160.	4250.7	21.317	3511.7
#2	3470.2	37350.	4280.9	21.433	3538.0
#3	3482.7	37347.	4256.1	18.342	3517.0

Sample Name: K1632-02 Acquired: 2/28/2019 17:14:58 Type: Unk
Method: P4-ICP2(v2902) 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	-.00642	-.00145	-.00033	.00429	.00085	.09384	.12387
Stddev	.00183	.00099	.00045	.00314	.00052	.02404	.00120
%RSD	28.535	68.484	135.20	73.376	61.359	25.617	.96532

#1	-.00828	-.00138	-.00072	.00122	.00035	.12009	.12267
#2	-.00636	-.00049	-.00043	.00750	.00079	.08854	.12506
#3	-.00462	-.00247	.00016	.00413	.00139	.07289	.12387

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00078	3.0295	.00067	.00001	-.00027	1.1308
Stddev	.00003	.00007	.0266	.00028	.00025	.00032	.0083
%RSD	106.61	9.3976	.87782	42.055	1715.8	117.48	.73711

#1	-.00004	.00081	2.9989	.00077	-.00022	.00008	1.1225
#2	.00001	.00069	3.0430	.00089	-.00001	-.00037	1.1392
#3	-.00005	.00083	3.0467	.00035	.00028	-.00053	1.1305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27221	.27734	.00208	-.00002	2.1211	.00024	8.3576
Stddev	.00131	.03581	.00043	.00049	.0169	.00024	.0089
%RSD	.48152	12.913	20.533	2608.9	.79772	96.998	.10608

#1	.27080	.27720	.00179	-.00040	2.1403	-.00001	8.3531
#2	.27339	.31322	.00188	-.00019	2.1085	.00045	8.3678
#3	.27246	.24160	.00257	.00053	2.1145	.00029	8.3519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2796	-.00129	.10914	1.2220	.08216	-.00136	.00001
Stddev	.0118	.00036	.00351	.0151	.00283	.00029	.00085
%RSD	.92230	28.144	3.2144	1.2358	3.4443	21.534	7242.6

#1	1.2927	-.00166	.10509	1.2045	.08348	-.00160	.00075
#2	1.2760	-.00094	.11128	1.2299	.08409	-.00103	-.00091
#3	1.2699	-.00126	.11104	1.2314	.07892	-.00146	.00020

Sample Name: K1632-02 Acquired: 2/28/2019 17:14:58 Type: Unk
 Method: P4-ICP2(v2902) 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	-.01041	.2400	.00483	3.2923	F<.00000
Stddev	.00234	.0019	.00011	.1021	.82917
%RSD	22.469	.7866	2.2017	3.1012	19.701
#1	-.01310	.2406	.00480	3.3652	-3.4553
#2	-.00887	.2415	.00474	3.3362	-4.0738
#3	-.00927	.2379	.00495	3.1756	-5.0971
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.8	40491.	4327.8	19.392	3994.5
Stddev	11.3	197.	4.2	.126	13.6
%RSD	.31202	.48625	.09778	.64889	.33982
#1	3623.0	40451.	4330.2	19.508	3980.4
#2	3636.0	40317.	4322.9	19.408	3995.7
#3	3645.6	40705.	4330.3	19.258	4007.5

Sample Name: K1632-03 Acquired: 2/28/2019 17:19:23 Type: Unk
Method: P4-ICP2(v2902) 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	-.00496	-.00285	.00017	.00842	.00192	.02362	.10842
Stddev	.00472	.00220	.00101	.00115	.00231	.01509	.00394
%RSD	95.243	77.119	602.12	13.625	120.48	63.896	3.6317

#1	-.00514	-.00142	-.00086	.00736	.00251	.03439	.10908
#2	-.00015	-.00174	.00020	.00964	-.00063	.03009	.11198
#3	-.00959	-.00538	.00116	.00828	.00387	.00637	.10419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00078	47.177	-.00172	-.00006	-.00154	16.134
Stddev	.00004	.00012	.231	.00020	.00019	.00024	.178
%RSD	59.316	15.085	.48887	11.575	327.99	15.672	1.1011

#1	.00002	-.00090	46.924	-.00188	.00007	-.00161	16.215
#2	.00008	-.00066	47.377	-.00149	.00004	-.00127	16.256
#3	.00009	-.00078	47.229	-.00177	-.00028	-.00174	15.930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1357	4.3663	-.00113	.00005	416.45	-.00045	.17699
Stddev	.0038	.0438	.00072	.00028	1.74	.00055	.00048
%RSD	.33716	1.0036	63.611	594.31	.41893	122.47	.27031

#1	1.1398	4.3852	-.00035	.00008	417.35	-.00071	.17750
#2	1.1350	4.3974	-.00127	.00031	417.57	-.00082	.17691
#3	1.1323	4.3162	-.00176	-.00025	414.44	.00018	.17656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.266	-.00072	.03257	1.5221	.30103	.00197	-.00122
Stddev	.112	.00018	.00947	.0318	.00454	.00035	.00265
%RSD	.99598	25.002	29.087	2.0881	1.5097	17.994	217.40

#1	11.137	-.00080	.03278	1.5575	.29870	.00156	-.00400
#2	11.323	-.00085	.04194	1.4962	.30627	.00219	-.00092
#3	11.339	-.00052	.02300	1.5125	.29813	.00217	.00127

Sample Name: K1632-03 Acquired: 2/28/2019 17:19:23 Type: Unk
 Method: P4-ICP2(v2902) 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	.00497	.0017	.29067	4.9788	F<.00000
Stddev	.00207	.0006	.00059	.1223	.77597
%RSD	41.596	34.03	.20237	2.4572	2.1688
#1	.00279	.0016	.29098	5.1140	-35.434
#2	.00523	.0023	.29105	4.9467	-36.668
#3	.00690	.0012	.28999	4.8757	-35.237
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.8	35699.	4169.4	18.468	3345.3
Stddev	9.5	180.	37.4	1.365	8.8
%RSD	.28575	.50401	.89787	7.3899	.26181
#1	3311.4	35494.	4144.1	20.041	3339.9
#2	3307.5	35831.	4151.8	17.776	3340.6
#3	3325.5	35773.	4212.4	17.588	3355.4

Sample Name: PB117464BL Acquired: 2/28/2019 17:23:55 Type: Unk
Method: P4-ICP2(v2902) 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	.00106	-.00099	.00058	.00103	-.00125	-.02909	-.02464
Stddev	.00218	.00079	.00108	.00082	.00107	.02219	.00459
%RSD	205.81	80.166	187.89	79.220	85.630	76.297	18.614

#1	.00010	-.00015	.00112	.00032	-.00001	-.04147	-.02991
#2	.00355	-.00172	-.00067	.00193	-.00185	-.04233	-.02250
#3	-.00048	-.00110	.00127	.00085	-.00190	-.00347	-.02152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00010	.00402	.00004	.00011	-.00047	-.00129
Stddev	.00002	.00011	.02609	.00031	.00013	.00044	.00097
%RSD	40.294	116.04	649.51	823.24	114.55	93.973	75.133

#1	.00008	.00010	-.01253	-.00018	.00001	-.00092	-.00018
#2	.00003	.00020	-.00951	-.00011	.00007	-.00046	-.00170
#3	.00006	-.00002	.03409	.00040	.00026	-.00004	-.00198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.06905	.00058	.00075	.20559	.00046	-.00003
Stddev	.00002	.03947	.00043	.00028	.03400	.00031	.00007
%RSD	19.791	57.167	74.785	36.940	16.540	65.971	218.37

#1	.00013	.07633	.00021	.00064	.23934	.00055	.00000
#2	.00009	.10437	.00106	.00054	.20608	.00072	-.00011
#3	.00010	.02644	.00047	.00106	.17134	.00013	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16367	-.00042	.00303	F -.02553	-.00013	-.00110	-.00170
Stddev	.04336	.00053	.00637	.00385	.00229	.00049	.00213
%RSD	26.494	126.89	210.59	15.075	1738.3	44.759	125.54

#1	.18833	-.00097	.00311	-.02337	-.00224	-.00053	-.00078
#2	.11360	-.00036	.00936	-.02324	-.00046	-.00142	-.00018
#3	.18909	.00008	-.00339	-.02997	.00231	-.00135	-.00414

Sample Name: PB117464BL Acquired: 2/28/2019 17:23:55 Type: Unk
Method: P4-ICP2(v2902) 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	.00093	-.0029	-.00005	F 3.2696	F<.00000
Stddev	.00131	.0009	.00003	.0987	.49954
%RSD	141.05	30.74	64.123	3.0195	392.49
#1	.00160	-.0038	-.00008	3.1578	-.40816
#2	.00177	-.0029	-.00003	3.3060	-.42315
#3	-.00058	-.0020	-.00003	3.3450	.44948
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3658.9	40276.	4241.1	19.281	4003.9
Stddev	1.3	199.	16.5	.556	3.5
%RSD	.03616	.49401	.38955	2.8814	.08633
#1	3660.4	40455.	4223.0	19.550	4000.4
#2	3658.6	40312.	4244.7	18.642	4003.9
#3	3657.8	40062.	4255.4	19.650	4007.3

Sample Name: PB117464BS Acquired: 2/28/2019 17:28:22 Type: Unk
Method: P4-ICP2(v2902) 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	.86032	2.1045	1.0731	2.1200	.91526	2.1796	.18715
Stddev	.00427	.0108	.0036	.0144	.00319	.0185	.00553
%RSD	.49627	.51503	.33798	.68070	.34869	.84934	2.9543

#1	.85658	2.0962	1.0700	2.1040	.91225	2.1664	.19255
#2	.86497	2.1168	1.0771	2.1320	.91491	2.1716	.18738
#3	.85941	2.1006	1.0723	2.1241	.91861	2.2008	.18150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21123	.19913	1.0880	.44355	.21748	.33522	3.3221
Stddev	.00042	.00093	.0071	.00236	.00025	.00346	.0096
%RSD	.19824	.46865	.64938	.53162	.11686	1.0317	.28801

#1	.21097	.19843	1.0847	.44444	.21726	.33144	3.3306
#2	.21171	.20019	1.0961	.44088	.21776	.33823	3.3241
#3	.21101	.19877	1.0832	.44534	.21742	.33600	3.3117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23040	2.1438	.50430	.08139	2.9088	.30502	.21264
Stddev	.00051	.0785	.00045	.00010	.0066	.00063	.00041
%RSD	.22226	3.6639	.08873	.12327	.22839	.20757	.19500

#1	.22994	2.2320	.50383	.08145	2.9065	.30471	.21220
#2	.23096	2.1178	.50436	.08127	2.9163	.30460	.21303
#3	.23031	2.0814	.50472	.08145	2.9037	.30575	.21269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4090	.46198	.29100	F 2.2109	.97030	.65379	.22266
Stddev	.0476	.00291	.00390	.0083	.00119	.00231	.00119
%RSD	.50550	.62902	1.3396	.37567	.12238	.35307	.53339

#1	9.4634	.45937	.29137	2.2160	.97159	.65117	.22310
#2	9.3884	.46511	.29469	2.2013	.97007	.65469	.22357
#3	9.3752	.46146	.28692	2.2154	.96924	.65551	.22132

Sample Name: PB117464BS Acquired: 2/28/2019 17:28:22 Type: Unk
Method: P4-ICP2(v2902) 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	.21342	5.598	.21755	F 3.4315	F<.00000
Stddev	.00104	.017	.00023	.1474	.63992
%RSD	.48722	.3066	.10757	4.2959	2.8710

#1	.21345	5.603	.21755	3.4650	-21.698
#2	.21445	5.611	.21732	3.2702	-22.968
#3	.21237	5.578	.21779	3.5593	-22.201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.1	40290.	4259.7	18.514	3945.3
Stddev	5.3	129.	11.6	.720	3.4
%RSD	.14616	.32033	.27188	3.8880	.08704

#1	3662.0	40311.	4246.4	18.592	3941.9
#2	3651.6	40407.	4267.8	17.758	3945.2
#3	3654.7	40152.	4264.8	19.192	3948.7

Sample Name: PB117483BL Acquired: 2/28/2019 17:32:27 Type: Unk
Method: P4-ICP2(v2902) 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	-.00108	.00158	.00126	.00002	-.00109	-.01233	-.01788
Stddev	.00116	.00061	.00079	.00307	.00172	.01192	.00222
%RSD	107.25	38.459	62.474	14101.	157.46	96.660	12.390

#1	-.00211	.00228	.00149	.00353	-.00112	-.01188	-.02037
#2	-.00133	.00130	.00038	-.00130	-.00279	-.02447	-.01712
#3	.00018	.00116	.00191	-.00216	.00064	-.00065	-.01614

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00012	.01108	.00010	-.00004	-.00049	-.00024
Stddev	.00005	.00003	.00825	.00052	.00018	.00087	.00056
%RSD	174.62	22.607	74.466	515.65	437.55	177.61	231.96

#1	-.00003	.00015	.02027	.00053	.00011	-.00005	-.00079
#2	.00007	.00009	.00865	-.00047	-.00024	.00007	.00032
#3	.00005	.00012	.00432	.00024	.00001	-.00148	-.00025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04289	.00077	.00057	-.07898	.00070	-.00018
Stddev	.00009	.05150	.00042	.00044	.01375	.00028	.00005
%RSD	607.53	120.09	54.471	77.538	17.408	39.481	26.266

#1	.00004	.02780	.00118	.00015	-.07155	.00039	-.00013
#2	-.00012	.00062	.00079	.00054	-.07055	.00091	-.00022
#3	.00003	.10025	.00034	.00103	-.09484	.00079	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09366	-.00055	-.00701	F -.03968	.00210	-.00164	-.00009
Stddev	.01435	.00008	.00684	.01132	.00216	.00050	.00177
%RSD	15.317	14.992	97.595	28.534	102.81	30.549	1931.9

#1	.10057	-.00047	-.00669	-.05122	.00213	-.00116	-.00019
#2	.07716	-.00063	-.01400	-.02859	-.00007	-.00216	-.00181
#3	.10323	-.00054	-.00033	-.03922	.00426	-.00161	.00172

Sample Name: PB117483BL Acquired: 2/28/2019 17:32:27 Type: Unk
Method: P4-ICP2(v2902) 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	-.00977	-.0032	.00003	F 3.4552	F<.00000
Stddev	.00097	.0006	.00014	.1256	.75713
%RSD	9.9684	17.31	515.00	3.6348	951.10

#1	-.00970	-.0034	-.00008	3.3207	-.37205
#2	-.01078	-.0036	-.00003	3.4754	.78013
#3	-.00884	-.0026	.00019	3.5694	-.64690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.5	39953.	4256.4	20.961	3996.7
Stddev	1.1	209.	35.3	1.347	12.0
%RSD	.03037	.52272	.82950	6.4258	.29933

#1	3651.1	39784.	4218.0	19.442	3987.8
#2	3652.7	40186.	4287.5	21.433	4010.3
#3	3650.6	39888.	4263.8	22.008	3992.0

Sample Name: PB117483BS Acquired: 2/28/2019 17:36:54 Type: Unk
Method: P4-ICP2(v2902) 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	.86888	2.1294	1.0819	2.1406	.91850	2.1960	.18385
Stddev	.00623	.0079	.0028	.0061	.00403	.0129	.00381
%RSD	.71678	.37228	.25741	.28693	.43922	.58772	2.0733

#1	.87103	2.1212	1.0794	2.1346	.92308	2.2018	.18074
#2	.87376	2.1302	1.0814	2.1469	.91695	2.1812	.18270
#3	.86187	2.1370	1.0849	2.1403	.91548	2.2050	.18810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21299	.20060	1.1128	.44756	.21921	.33815	3.3150
Stddev	.00020	.00019	.0103	.00095	.00067	.00124	.0076
%RSD	.09368	.09272	.92506	.21336	.30475	.36578	.22987

#1	.21298	.20039	1.1179	.44840	.21849	.33956	3.3198
#2	.21280	.20069	1.1196	.44652	.21935	.33766	3.3062
#3	.21320	.20073	1.1010	.44776	.21980	.33724	3.3190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23145	2.1520	.50920	.08106	2.8396	.30690	.21466
Stddev	.00090	.0911	.00059	.00058	.0087	.00018	.00054
%RSD	.39029	4.2321	.11551	.71716	.30718	.05842	.25014

#1	.23177	2.2558	.50949	.08157	2.8336	.30683	.21437
#2	.23043	2.0856	.50852	.08042	2.8355	.30710	.21434
#3	.23215	2.1146	.50958	.08118	2.8496	.30676	.21528

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3774	.46380	.29976	F 2.2896	.96039	.66012	.22406
Stddev	.0632	.00158	.00937	.0019	.00972	.00081	.00451
%RSD	.67377	.34094	3.1261	.08375	1.0117	.12278	2.0134

#1	9.3045	.46560	.29309	2.2875	.95051	.66067	.21991
#2	9.4105	.46316	.29570	2.2901	.96072	.65919	.22342
#3	9.4171	.46263	.31047	2.2912	.96993	.66050	.22886

Sample Name: PB117483BS Acquired: 2/28/2019 17:36:54 Type: Unk
Method: P4-ICP2(v2902) 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	.20559	5.679	.21859	F 3.5999	F<.00000
Stddev	.00192	.006	.00040	.1166	1.3053
%RSD	.93631	.1018	.18213	3.2389	6.0411

#1	.20628	5.675	.21900	3.7264	-22.462
#2	.20342	5.685	.21821	3.5764	-22.254
#3	.20708	5.676	.21855	3.4968	-20.104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.1	40096.	4291.3	21.336	3939.4
Stddev	11.3	99.	12.1	1.031	7.3
%RSD	.30846	.24699	.28091	4.8296	.18643

#1	3646.1	39983.	4282.1	22.300	3936.1
#2	3665.7	40171.	4304.9	21.458	3947.9
#3	3665.6	40133.	4286.8	20.250	3934.4

Sample Name: PB117497BL Acquired: 2/28/2019 17:41:00 Type: Unk
Method: P4-ICP2(v2902) 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	-.00142	.00159	.00047	.00307	-.00118	-.00708	-.02002
Stddev	.00084	.00073	.00016	.00125	.00265	.01295	.00050
%RSD	59.375	45.805	33.392	40.819	224.69	182.89	2.5096

#1	-.00218	.00124	.00033	.00432	-.00361	-.01927	-.02003
#2	-.00155	.00242	.00044	.00306	.00164	.00652	-.01951
#3	-.00052	.00110	.00065	.00182	-.00157	-.00849	-.02052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00012	.00707	.00012	.00016	-.00048	-.00181
Stddev	.00006	.00008	.01874	.00040	.00024	.00076	.00188
%RSD	129.78	70.601	264.97	320.80	145.08	158.75	103.48

#1	.00009	.00002	.00476	-.00026	.00044	.00039	.00009
#2	.00008	.00017	-.01040	.00009	.00002	-.00104	-.00366
#3	-.00002	.00016	.02685	.00053	.00003	-.00079	-.00188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.07220	.00057	.00101	-.11753	.00057	-.00056
Stddev	.00006	.05009	.00032	.00048	.00500	.00033	.00001
%RSD	1314.2	69.378	55.445	47.494	4.2500	57.098	2.0327

#1	.00001	.03687	.00056	.00056	-.12186	.00044	-.00057
#2	.00006	.05020	.00026	.00152	-.11868	.00095	-.00055
#3	-.00006	.12952	.00090	.00096	-.11207	.00033	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06858	-.00024	-.00654	F -.03013	.00091	-.00141	-.00098
Stddev	.01363	.00033	.01819	.01242	.00157	.00016	.00365
%RSD	19.869	133.70	278.29	41.214	171.78	11.367	371.44

#1	.08427	-.00062	.00767	-.03591	-.00062	-.00127	-.00048
#2	.06171	-.00008	-.00024	-.01587	.00251	-.00159	-.00486
#3	.05975	-.00003	-.02704	-.03860	.00085	-.00138	.00239

Sample Name: PB117497BL Acquired: 2/28/2019 17:41:00 Type: Unk
Method: P4-ICP2(v2902) 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 -.01046	-.0034	.00001	F 3.7648	F<.00000
Stddev	.00073	.0019	.00003	.0997	.69855
%RSD	6.9303	57.46	207.70	2.6478	3059.9

#1	-.01075	-.0011	.00001	3.8758	.69592
#2	-.00964	-.0046	-.00001	3.7356	-.06515
#3	-.01100	-.0043	.00004	3.6830	-.69926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.2	39731.	4250.8	19.225	4006.4
Stddev	6.5	99.	1.5	.934	7.3
%RSD	.17909	.24878	.03562	4.8600	.18324

#1	3649.7	39733.	4249.1	20.133	4000.7
#2	3661.6	39631.	4251.2	19.275	4003.8
#3	3660.5	39829.	4252.1	18.267	4014.7

Sample Name: PB117497BS Acquired: 2/28/2019 17:45:28 Type: Unk
Method: P4-ICP2(v2902) 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	.82987	2.0321	1.0342	2.0407	.87648	2.1277	.17757
Stddev	.00099	.0014	.0041	.0163	.00315	.0139	.00236
%RSD	.11878	.06790	.39829	.79815	.35993	.65532	1.3287

#1	.82891	2.0331	1.0390	2.0544	.87943	2.1168	.17485
#2	.83088	2.0326	1.0322	2.0450	.87685	2.1230	.17874
#3	.82981	2.0305	1.0316	2.0227	.87315	2.1434	.17910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20235	.19220	1.0648	.43381	.21025	.32300	3.1936
Stddev	.00043	.00047	.0223	.00037	.00060	.00106	.0281
%RSD	.21242	.24291	2.0963	.08491	.28558	.32788	.87920

#1	.20195	.19274	1.0390	.43421	.21087	.32418	3.2260
#2	.20230	.19187	1.0784	.43372	.21022	.32269	3.1770
#3	.20280	.19200	1.0769	.43350	.20967	.32214	3.1779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22322	2.1161	.48772	.07778	2.6775	.29760	.20781
Stddev	.00047	.0274	.00124	.00075	.0241	.00150	.00042
%RSD	.20835	1.2953	.25351	.96845	.90088	.50448	.20254

#1	.22297	2.1007	.48912	.07853	2.6985	.29763	.20830
#2	.22375	2.0999	.48729	.07780	2.6512	.29908	.20759
#3	.22293	2.1478	.48676	.07702	2.6828	.29608	.20755

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0123	.44172	.27041	-.05040	.90386	.62201	.20848
Stddev	.0406	.00107	.01026	.01842	.01448	.00109	.00270
%RSD	.45055	.24118	3.7936	36.549	1.6023	.17510	1.2949

#1	9.0490	.44294	.27239	-.03449	.92055	.62106	.21039
#2	8.9687	.44096	.27954	-.07058	.89453	.62177	.20967
#3	9.0193	.44127	.25931	-.04613	.89651	.62320	.20539

Sample Name: PB117497BS Acquired: 2/28/2019 17:45:28 Type: Unk
Method: P4-ICP2(v2902) 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	.19755	5.394	.21175	3.7410	F<.00000
Stddev	.00471	.013	.00086	.1054	.69141
%RSD	2.3841	.2394	.40636	2.8182	3.2470

#1	.19730	5.409	.21217	3.6258	-21.916
#2	.19297	5.388	.21076	3.8328	-21.416
#3	.20238	5.385	.21232	3.7642	-20.549

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.4	40073.	4307.2	19.281	3953.7
Stddev	6.2	100.	42.8	1.545	7.3
%RSD	.17073	.25051	.99444	8.0148	.18546

#1	3650.2	40035.	4258.2	18.733	3945.5
#2	3661.6	39996.	4325.5	21.025	3959.8
#3	3660.3	40186.	4337.8	18.083	3955.8

Sample Name: PB117497TB Acquired: 2/28/2019 17:49:35 Type: Unk
Method: P4-ICP2(v2902) 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	-.00237	-.00205	.00274	-.00029	.00078	-.00108	-.02837
Stddev	.00117	.00202	.00036	.00067	.00025	.00316	.00479
%RSD	49.103	98.101	13.272	231.53	31.908	293.57	16.893

#1	-.00119	-.00029	.00245	.00020	.00049	.00197	-.03390
#2	-.00241	-.00163	.00262	-.00105	.00089	-.00086	-.02542
#3	-.00352	-.00425	.00315	-.00002	.00095	-.00434	-.02580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	.01496	.00129	-.00041	-.00066	.00048
Stddev	.00008	.00006	.01482	.00008	.00023	.00018	.00210
%RSD	1389.3	190.87	99.071	6.1219	55.624	27.331	434.01

#1	-.00004	-.00008	-.00069	.00121	-.00015	-.00077	-.00141
#2	-.00004	.00003	.01678	.00137	-.00057	-.00076	.00275
#3	.00009	-.00004	.02880	.00130	-.00052	-.00045	.00011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.06867	.00335	.00398	F 284.08	-.00018	-.00023
Stddev	.00007	.05161	.00023	.00056	2.57	.00059	.00008
%RSD	46.280	75.156	6.7258	13.982	.90537	320.39	35.336

#1	.00011	.10239	.00309	.00395	282.74	-.00028	-.00030
#2	.00022	.00926	.00347	.00344	282.45	-.00072	-.00023
#3	.00011	.09436	.00349	.00456	287.04	.00045	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20004	.00002	.00082	F -.02934	.00663	.00008	.00080
Stddev	.00970	.00024	.00441	.01614	.00087	.00091	.00057
%RSD	4.8511	1258.9	538.80	55.011	13.058	1076.0	71.123

#1	.20779	.00029	.00217	-.01283	.00760	.00067	.00044
#2	.20318	-.00016	-.00411	-.04509	.00633	.00055	.00145
#3	.18916	-.00007	.00439	-.03011	.00595	-.00097	.00050

Sample Name: PB117497TB Acquired: 2/28/2019 17:49:35 Type: Unk
 Method: P4-ICP2(v2902) 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	-.00891	-.0057	.00000	4.8538	4.1394
Stddev	.00614	.0021	.00011	.0971	1.2748
%RSD	69.003	37.73	2204.6	2.0014	30.796
#1	-.01427	-.0033	-.00011	4.9554	3.9524
#2	-.01025	-.0073	.00002	4.8440	2.9685
#3	-.00220	-.0065	.00011	4.7619	5.4974
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.6	36632.	4265.6	18.633	3486.0
Stddev	5.9	153.	11.0	1.583	4.3
%RSD	.17160	.41637	.25853	8.4977	.12196
#1	3434.8	36473.	4278.2	17.042	3482.1
#2	3427.1	36645.	4261.4	18.650	3485.5
#3	3438.7	36777.	4257.4	20.208	3490.5

Sample Name: CCV05 Acquired: 2/28/2019 17:54:11 Type: Unk
Method: P4-ICP2(v2902) 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	5.2895	5.0113	5.2375	5.2135	5.3661	10.634	9.5817
Stddev	.0005	.0177	.0137	.0148	.0097	.091	.0794
%RSD	.00878	.35276	.26085	.28435	.18137	.85302	.82847

#1	5.2901	5.0300	5.2507	5.2048	5.3554	10.697	9.5424
#2	5.2894	5.0091	5.2234	5.2307	5.3684	10.676	9.5296
#3	5.2892	4.9948	5.2386	5.2052	5.3745	10.530	9.6730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26165	2.4894	24.588	1.0417	2.5893	1.2636	4.9142
Stddev	.00045	.0068	.030	.0021	.0052	.0012	.0503
%RSD	.17143	.27156	.12230	.20560	.20116	.09453	1.0236

#1	.26146	2.4963	24.565	1.0413	2.5947	1.2626	4.8830
#2	.26216	2.4828	24.577	1.0440	2.5844	1.2650	4.8873
#3	.26132	2.4891	24.622	1.0398	2.5889	1.2633	4.9722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6451	24.273	2.4074	1.3633	24.438	2.5413	2.6597
Stddev	.0005	.021	.0057	.0027	.220	.0014	.0068
%RSD	.01810	.08453	.23750	.19569	.90134	.05342	.25448

#1	2.6446	24.289	2.4117	1.3662	24.349	2.5420	2.6675
#2	2.6452	24.280	2.4009	1.3629	24.277	2.5398	2.6552
#3	2.6455	24.250	2.4096	1.3609	24.689	2.5422	2.6564

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.678	5.2959	4.5305	4.8737	4.7999	4.6553	5.1229
Stddev	.194	.0111	.0237	.0587	.0512	.0143	.0093
%RSD	.81891	.20918	.52282	1.2046	1.0670	.30741	.18076

#1	23.614	5.2831	4.5049	4.9340	4.7740	4.6629	5.1329
#2	23.525	5.3014	4.5350	4.8167	4.7667	4.6388	5.1210
#3	23.896	5.3031	4.5516	4.8706	4.8588	4.6642	5.1147

Sample Name: CCV05 Acquired: 2/28/2019 17:54:11 Type: Unk
 Method: P4-ICP2(v2902) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7054	4.909	5.0877	4.7094	F<.00000
Stddev	.0335	.019	.0332	.0510	1.1801
%RSD	.71110	.3845	.65266	1.0824	2822.5
#1	4.6906	4.931	5.0624	4.7478	-.55377
#2	4.6818	4.900	5.0754	4.7289	-.87947
#3	4.7437	4.897	5.1253	4.6516	1.3078
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.0	37722.	4227.1	17.305	3559.7
Stddev	9.3	83.	36.3	1.262	5.4
%RSD	.26198	.21949	.85980	7.2948	.15254
#1	3550.7	37662.	4239.0	18.750	3553.6
#2	3532.2	37688.	4255.9	16.412	3561.3
#3	3540.2	37817.	4186.2	16.755	3564.1

Sample Name: CCB05 Acquired: 2/28/2019 18:13:17 Type: Unk
Method: P4-ICP2(v2902) 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	-.00422	-.00095	.00133	-.00142	-.00068	-.00874	-.01774
Stddev	.00205	.00115	.00087	.00404	.00124	.01848	.00264
%RSD	48.473	121.10	65.368	283.92	180.79	211.61	14.865

#1	-.00304	-.00026	.00100	.00242	.00030	-.00519	-.02053
#2	-.00304	-.00032	.00232	-.00105	-.00208	-.02874	-.01741
#3	-.00659	-.00228	.00067	-.00564	-.00027	.00772	-.01528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00007	.01895	-.00002	-.00010	-.00034	.00684
Stddev	.00011	.00006	.00948	.00020	.00009	.00059	.00339
%RSD	103.81	88.952	50.019	1066.3	93.580	172.00	49.637

#1	.00024	.00014	.01584	-.00013	-.00006	-.00075	.01065
#2	.00006	.00003	.02959	.00021	-.00021	-.00060	.00571
#3	.00003	.00003	.01141	-.00014	-.00003	.00033	.00415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.05126	.00041	.00107	-.11447	.00069	-.00041
Stddev	.00004	.02521	.00065	.00051	.01667	.00026	.00009
%RSD	59.151	49.171	157.90	47.756	14.559	38.028	22.433

#1	.00006	.07609	-.00030	.00166	-.13350	.00046	-.00032
#2	.00012	.05200	.00097	.00079	-.10245	.00064	-.00041
#3	.00004	.02569	.00056	.00076	-.10747	.00098	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10694	-.00039	-.00383	-.00321	.00187	-.00154	.00081
Stddev	.03165	.00028	.01082	.00783	.00090	.00026	.00457
%RSD	29.592	72.257	282.27	244.20	47.914	16.701	565.50

#1	.10615	-.00007	-.00761	-.01051	.00155	-.00146	.00571
#2	.13897	-.00059	-.01225	-.00417	.00117	-.00183	-.00333
#3	.07569	-.00052	.00837	.00506	.00288	-.00134	.00005

Sample Name: CCB05 Acquired: 2/28/2019 18:13:17 Type: Unk
Method: P4-ICP2(v2902) 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	-.00311	-.0031	.00012	F 4.1957	F<.00000
Stddev	.00401	.0007	.00005	.0734	1.0858
%RSD	129.00	23.72	40.411	1.7488	224.48

#1	-.00774	-.0039	.00016	4.1345	-1.5263
#2	-.00075	-.0028	.00012	4.2771	-.56528
#3	-.00083	-.0025	.00007	4.1755	.64057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.8	38785.	4202.5	18.819	3965.3
Stddev	13.2	224.	4.6	.562	14.3
%RSD	.36235	.57829	.10991	2.9883	.36158

#1	3634.8	38575.	4201.4	19.467	3949.3
#2	3654.9	38758.	4198.6	18.450	3977.0
#3	3659.7	39021.	4207.6	18.542	3969.6