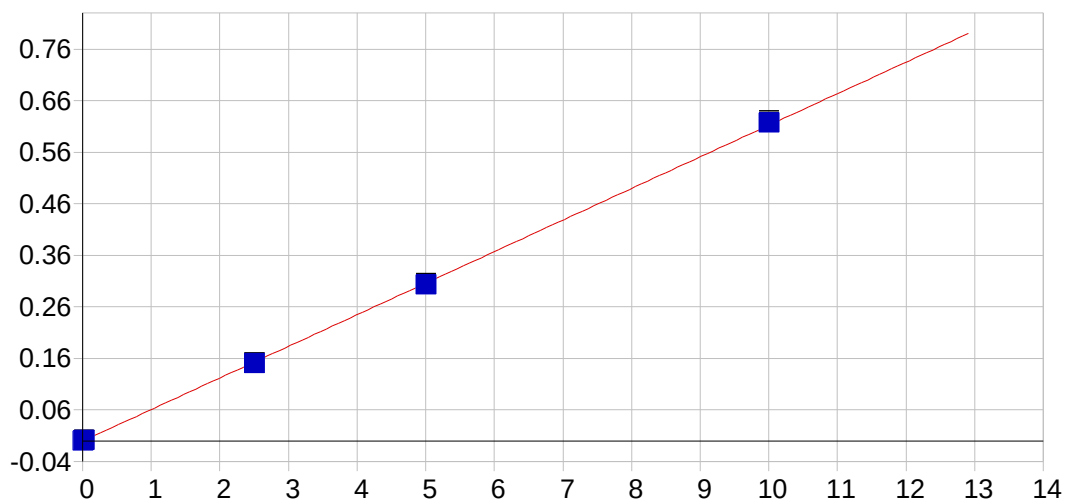




As 189.042 {478}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000293

Re-Slope: 1.000000

A1 (Gain): 0.061246

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999946

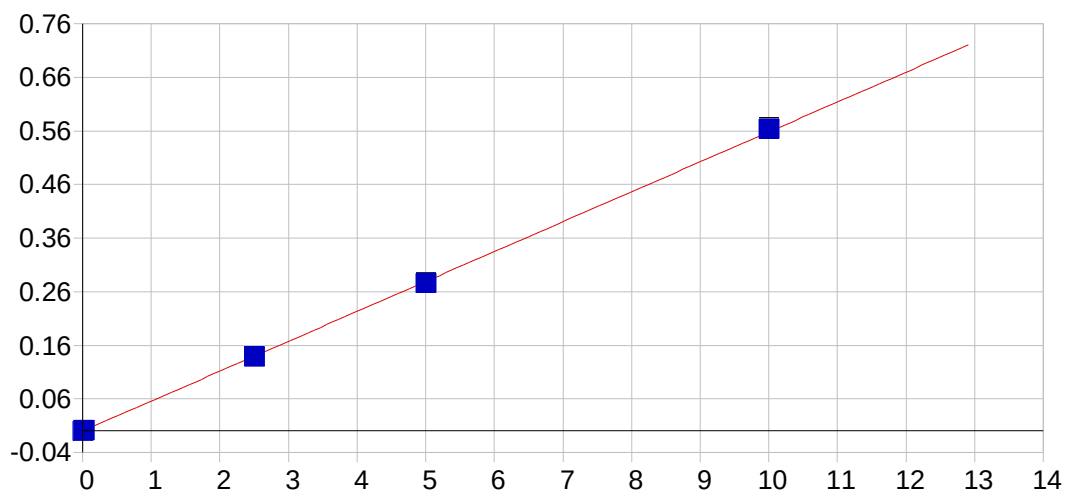
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.003310

Predicted MQL: 0.011033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.02000	.02207	.002	10.4	.00106	.000	1
S3	2.5000	2.4622	-.038	-1.51	.15049	.000	1
S4	5.0000	4.9534	-.047	-.933	.30306	.001	1
S5	10.000	10.082	.082	.824	.61717	.003	1



As 189.042 {479}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

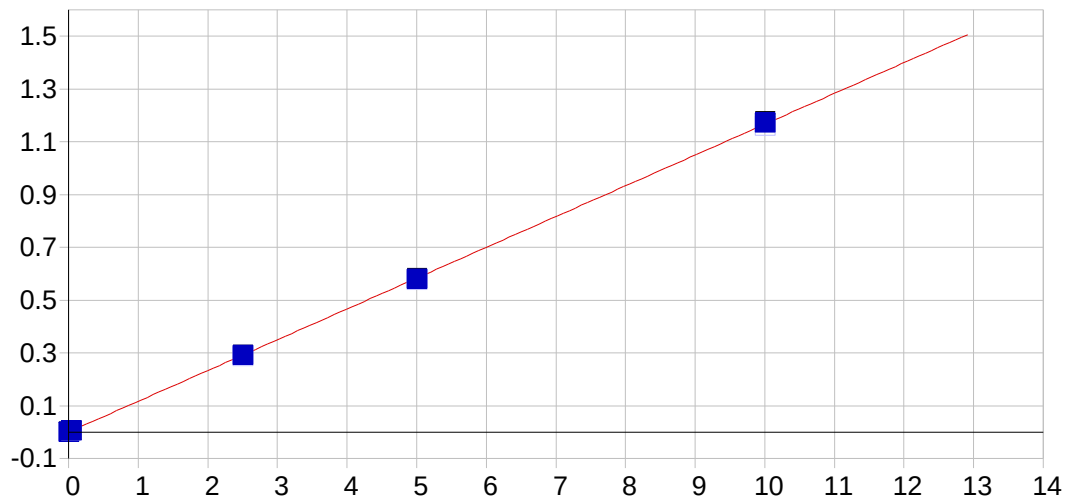
Weighting: 1/Conc

A0 (Offset): -0.000045

Re-Slope: 1.000000

A1 (Gain): 0.055801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002670
 Predicted MQL: 0.008901

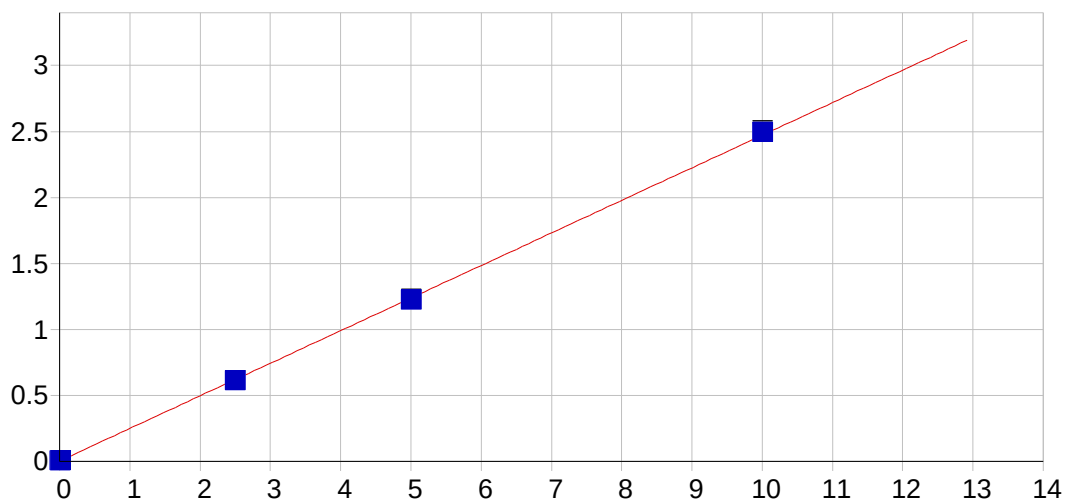
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.02000	.01768	-.002	-11.6	.00094	.000	1
S3	2.5000	2.4685	-.031	-1.26	.13770	.001	1
S4	5.0000	4.9433	-.057	-1.13	.27580	.001	1
S5	10.000	10.090	.090	.905	.56302	.003	1



Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.116668 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001567
 Predicted MQL: 0.005224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00010	.000	1
S1	.04000	.04707	.007	17.7	.00527	.000	1
S3	2.5000	2.4836	-.016	-.657	.28667	.001	1
S4	5.0000	4.9654	-.035	-.692	.57323	.002	1
S5	10.000	10.044	.044	.441	1.1598	.004	1

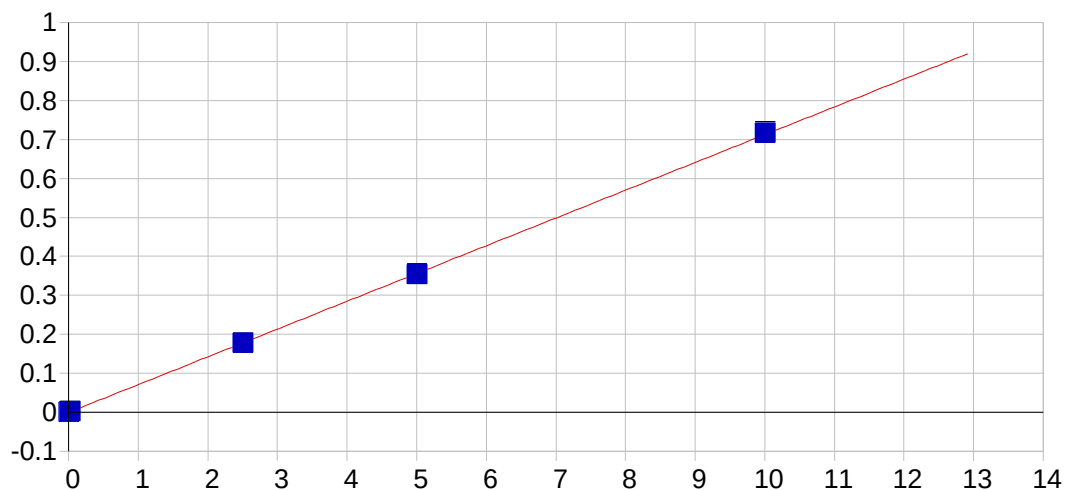


Pb 220.353 {453}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003221 Re-Slope: 1.000000
 A1 (Gain): 0.246862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.001120
 Predicted MQL: 0.003732

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00322	.000	1
S1	.01200	.01383	.002	15.3	.00658	.000	1
S3	2.5000	2.4573	-.043	-1.71	.60907	.003	1
S4	5.0000	4.9461	-.054	-1.08	1.2227	.004	1
S5	10.000	10.095	.095	.948	2.4921	.009	1



Se 196.090 {472}

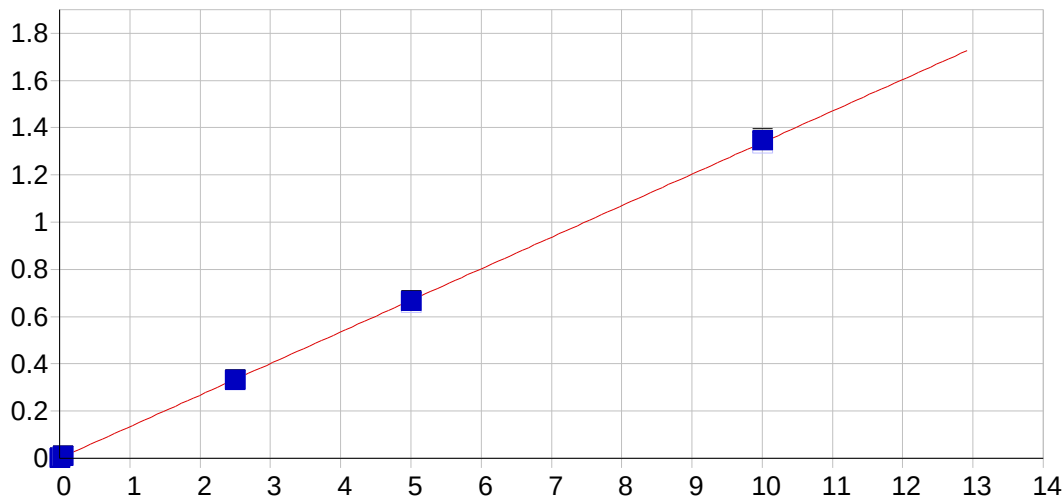
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000187 Re-Slope: 1.000000
 A1 (Gain): 0.071248 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000009
 Predicted MDL: 0.003023
 Predicted MQL: 0.010075

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.02000	.01953	-.000	-2.37	.00120	.000	1
S3	2.5000	2.4832	-.017	-.671	.17672	.001	1
S4	5.0000	4.9698	-.030	-.604	.35386	.002	1
S5	10.000	10.047	.047	.475	.71558	.003	1



Sb 206.833 {463}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

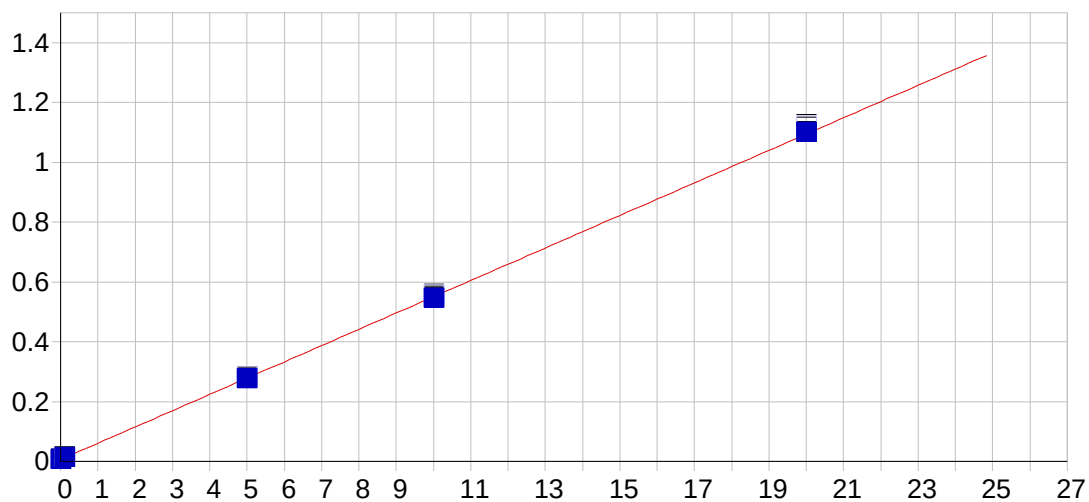
Weighting: 1/Conc

A0 (Offset): 0.000536
 A1 (Gain): 0.133644
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000065
 Predicted MDL: 0.001957
 Predicted MQL: 0.006524

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	.00053	.000	1
S1	.05000	.05936	.009	18.7	.00830	.000	1
S3	2.5000	2.4719	-.028	-1.12	.32714	.001	1
S4	5.0000	4.9565	-.044	-.870	.65543	.003	1
S5	10.000	10.062	.062	.624	1.3303	.007	1

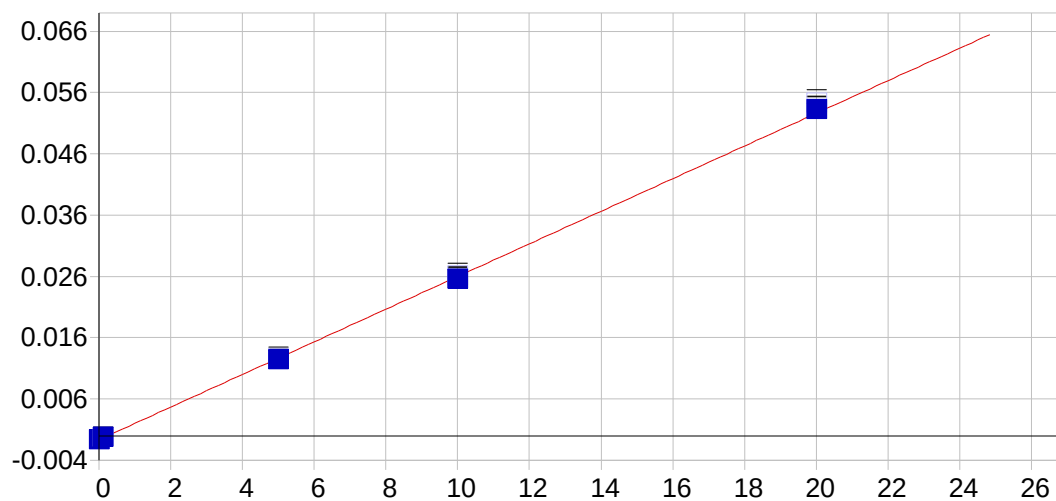


AI 308.215 {109}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006185 Re-Slope: 1.000000
 A1 (Gain): 0.054410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.003060
 Predicted MQL: 0.010202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00618	.000	1
S1	.10000	.13013	.030	30.1	.01364	.000	1
S3	5.0000	4.9758	-.024	-.483	.28234	.001	1
S4	10.000	9.9013	-.099	-.987	.55575	.003	1
S5	20.000	20.091	.091	.457	1.1210	.004	1



AI 309.271 {109}

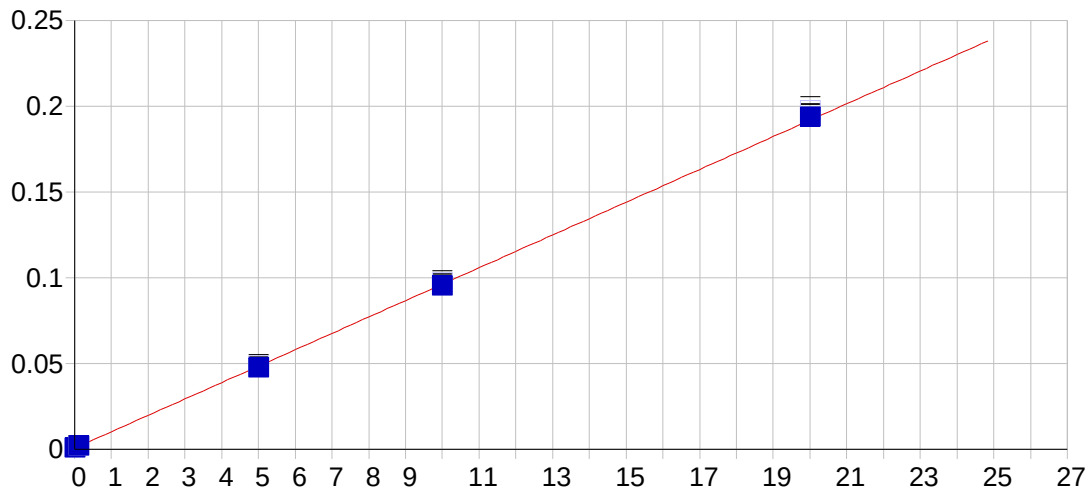
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000643 Re-Slope: 1.000000
 A1 (Gain): 0.002662 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768
 Std Error of Est: 0.000004
 Predicted MDL: 0.034075
 Predicted MQL: 0.113582

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00064	.000	1
S1	.10000	.13182	.032	31.8	-.00027	.000	1
S3	5.0000	4.8930	-.107	-2.14	.01265	.000	1
S4	10.000	9.8539	-.146	-1.46	.02612	.000	1
S5	20.000	20.220	.220	1.10	.05425	.001	1



AI 396.152 { 85}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

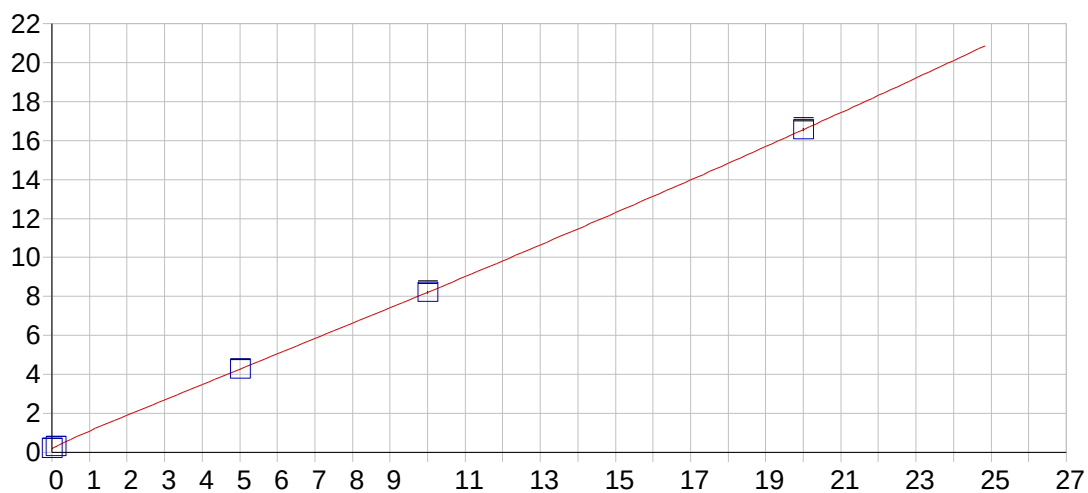
Weighting: 1/Conc

A0 (Offset): 0.000688
 A1 (Gain): 0.009558
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856
 Std Error of Est: 0.000013
 Predicted MDL: 0.015719
 Predicted MQL: 0.052395

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	.00069	.000	1
S1	.10000	.12417	.024	24.2	.00194	.000	1
S3	5.0000	4.9044	-.096	-1.91	.04852	.001	1
S4	10.000	9.8892	-.111	-1.11	.09711	.001	1
S5	20.000	20.181	.181	.905	.19739	.002	1

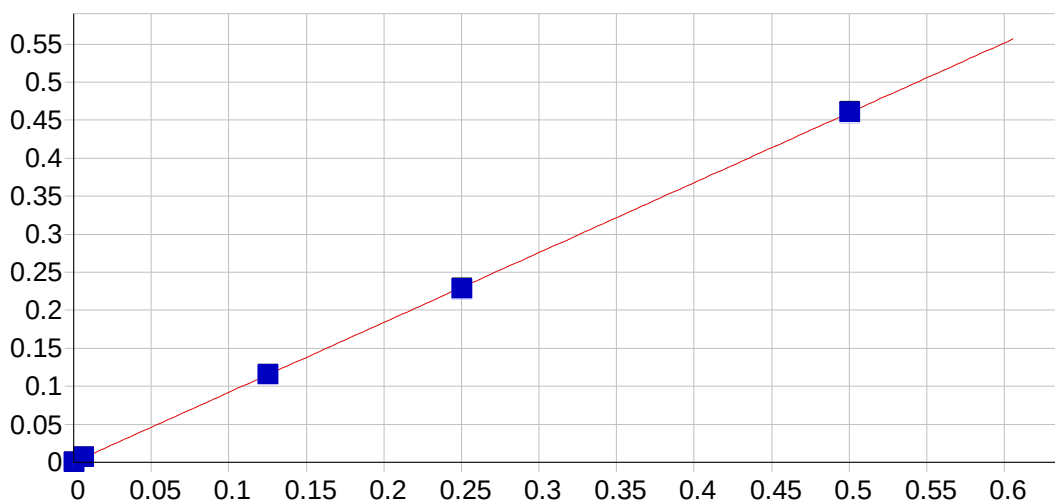


Ba 493.409 { 68}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.192492 Re-Slope: 1.000000
 A1 (Gain): 0.890008 Y-int: 0.000000
 A2 (Curvature): 0.011894
 n (Exponent): 0.910000
 Correlation: 0.999999 Status: Warning Positive Curvature
 Std Error of Est: 0.000111
 Predicted MDL: 0.004756
 Predicted MQL: 0.015853

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.19249	.002	1
S1	.10000	.10147	.001	1.47	.30363	.001	1
S3	5.0000	5.0003	.000	.007	4.2653	.015	1
S5	20.000	20.003	.003	.016	16.564	.084	1
S4	10.000	9.9936	-.006	-.064	8.2075	.078	1



Be 234.861 {144}

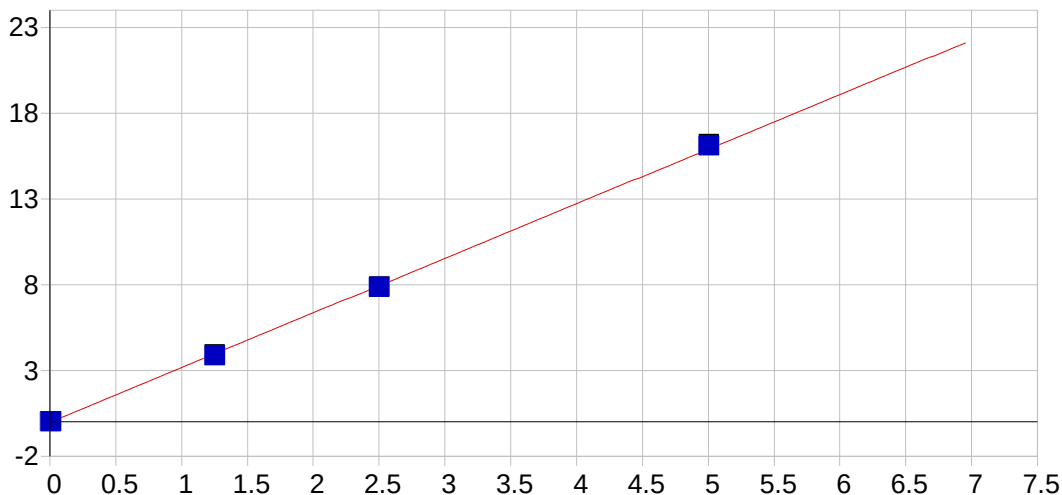
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.919036 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000045
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.00600	.00716	.001	19.4	.00662	.000	1
S3	.12500	.12501	.000	.008	.11426	.001	1
S4	.25000	.24788	-.002	-.849	.22646	.001	1
S5	.50000	.50096	.001	.191	.45760	.001	1



Cd 226.502 {449}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

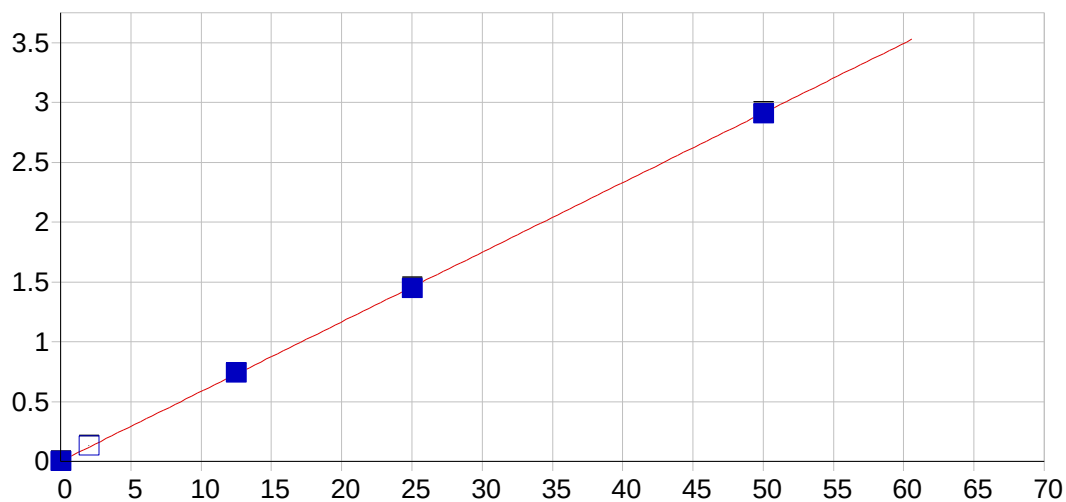
Weighting: 1/Conc

A0 (Offset): -0.002784
 A1 (Gain): 3.180382
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883
 Std Error of Est: 0.000455
 Predicted MDL: 0.000102
 Predicted MQL: 0.000341

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	-.00279	.000	1
S1	.00600	.00637	.000	6.20	.01752	.000	1
S3	1.2500	1.2173	-.033	-2.61	3.8697	.018	1
S4	2.5000	2.4693	-.031	-1.23	7.8524	.030	1
S5	5.0000	5.0630	.063	1.26	16.103	.056	1

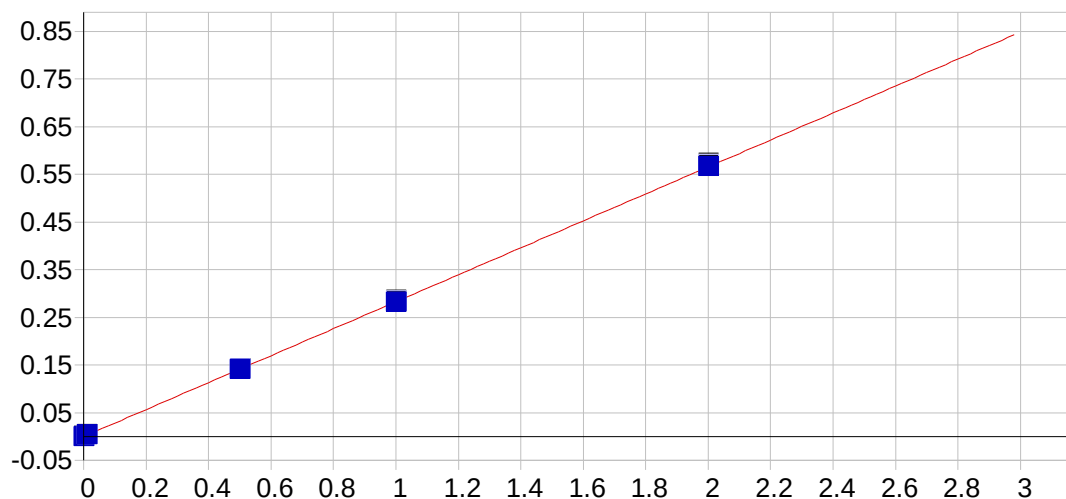


Ca 373.690 { 90}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001612 Re-Slope: 1.000000
 A1 (Gain): 0.058208 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000534
 Predicted MDL: 0.020195
 Predicted MQL: 0.067315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2084	.208	10.4	.13016	.001	1
S0	.00000	-.00021	-.000	.000	.00160	.001	1
S3	12.500	12.633	.133	1.07	.73736	.003	1
S4	25.000	24.792	-.208	-.832	1.4455	.012	1
S5	50.000	49.866	-.134	-.267	2.9058	.017	1



Cr 267.716 {126}

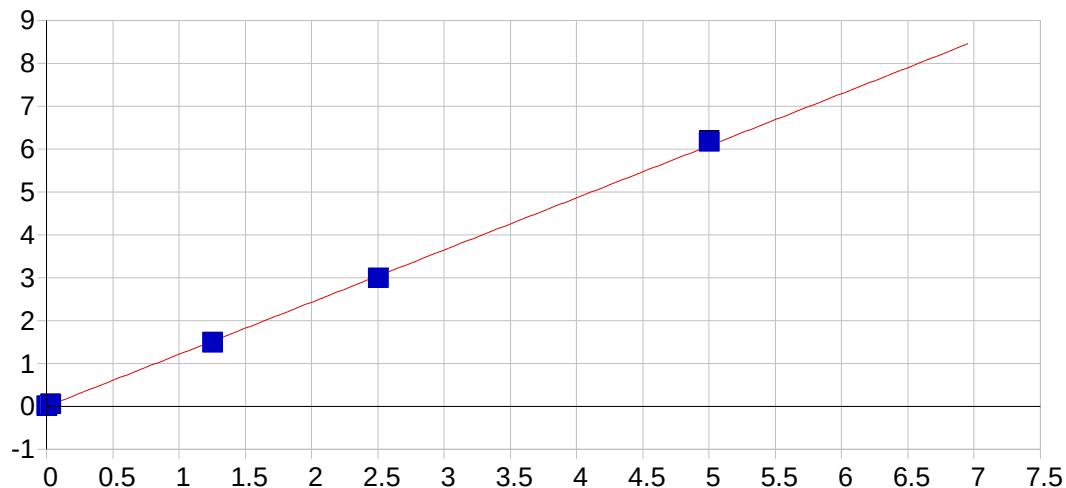
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.282848 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000022
 Predicted MDL: 0.000441
 Predicted MQL: 0.001471

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01189	.002	18.9	.00321	.000	1
S3	.50000	.50008	.000	.016	.14239	.000	1
S4	1.0000	.99594	-.004	-.406	.28376	.002	1
S5	2.0000	2.0021	.002	.105	.57057	.002	1



Co 228.616 {447}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

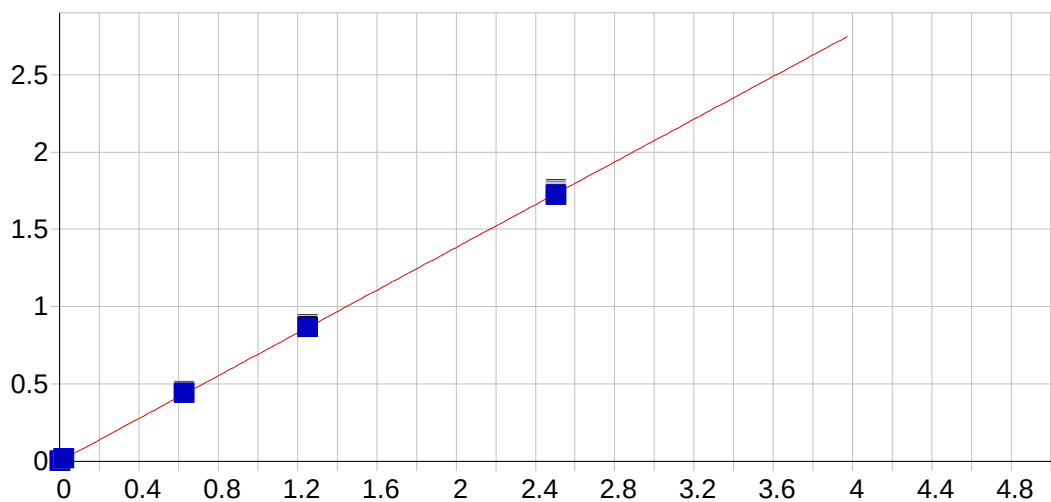
Weighting: 1/Conc

A0 (Offset): -0.000501
 A1 (Gain): 1.216077
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.000499
 Predicted MDL: 0.000246
 Predicted MQL: 0.000820

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	-.00051	.000	1
S1	.03000	.03537	.005	17.9	.04226	.000	1
S3	1.2500	1.2167	-.033	-2.67	1.4803	.006	1
S4	2.5000	2.4606	-.039	-1.57	2.9942	.008	1
S5	5.0000	5.0674	.067	1.35	6.1666	.028	1

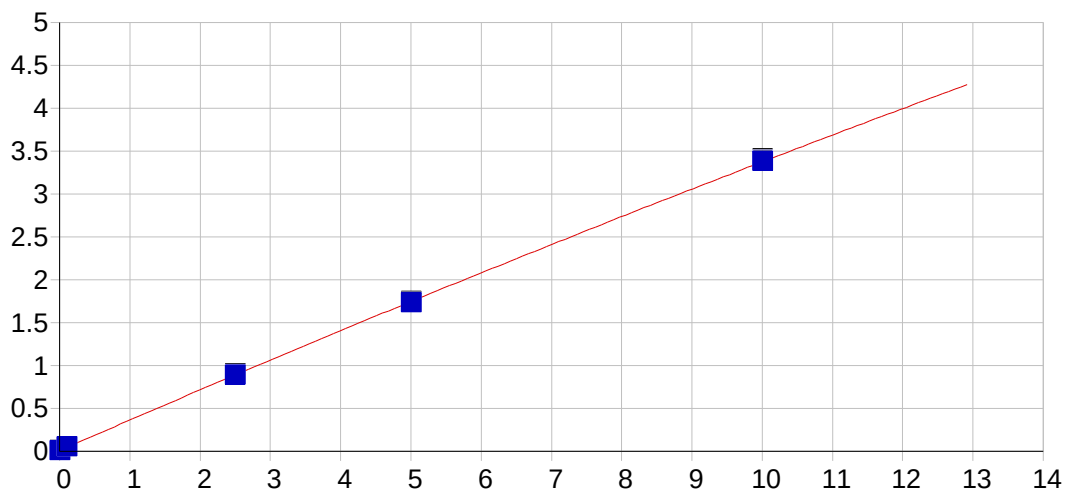


Cu 224.700 {450}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000836 Re-Slope: 1.000000
 A1 (Gain): 0.691064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000520
 Predicted MQL: 0.001734

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.02000	.02324	.003	16.2	.01711	.000	1
S3	.62500	.63568	.011	1.71	.44711	.002	1
S4	1.2500	1.2492	-.001	-.062	.87809	.004	1
S5	2.5000	2.4869	-.013	-.526	1.7473	.007	1



Fe 240.488 {140}

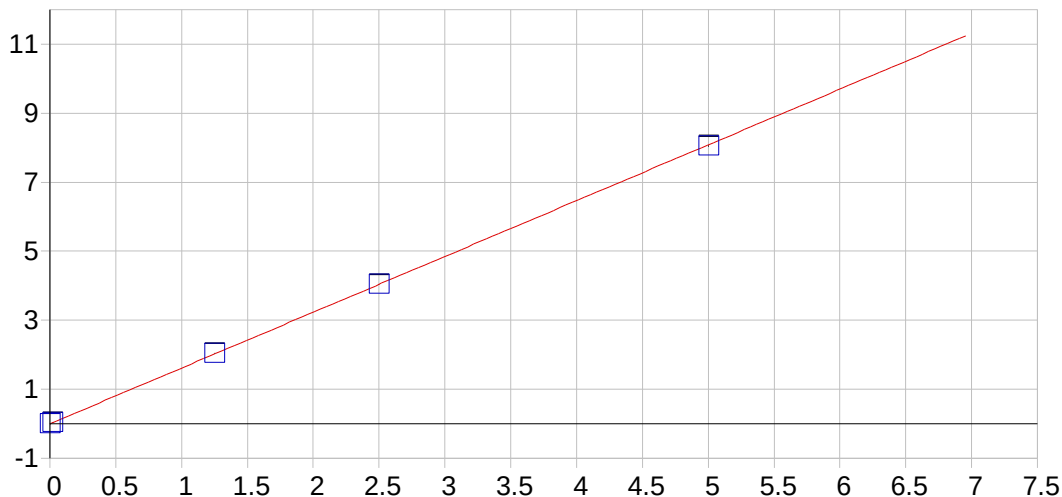
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.008660 Re-Slope: 1.000000
 A1 (Gain): 0.358208 Y-int: 0.000000

A2 (Curvature): -0.002157
 n (Exponent): 1.000000
 Correlation: 0.999790
 Std Error of Est: 0.000467
 Predicted MDL: 0.001999
 Predicted MQL: 0.006664

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00865	.000	1
S1	.10000	.12518	.025	25.2	.05364	.002	1
S3	2.5000	2.4969	-.003	-.124	.89297	.011	1
S4	5.0000	4.9518	-.048	-.965	1.7362	.013	1
S5	10.000	10.026	.026	.263	3.3967	.016	1



Mn 257.610 {131}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

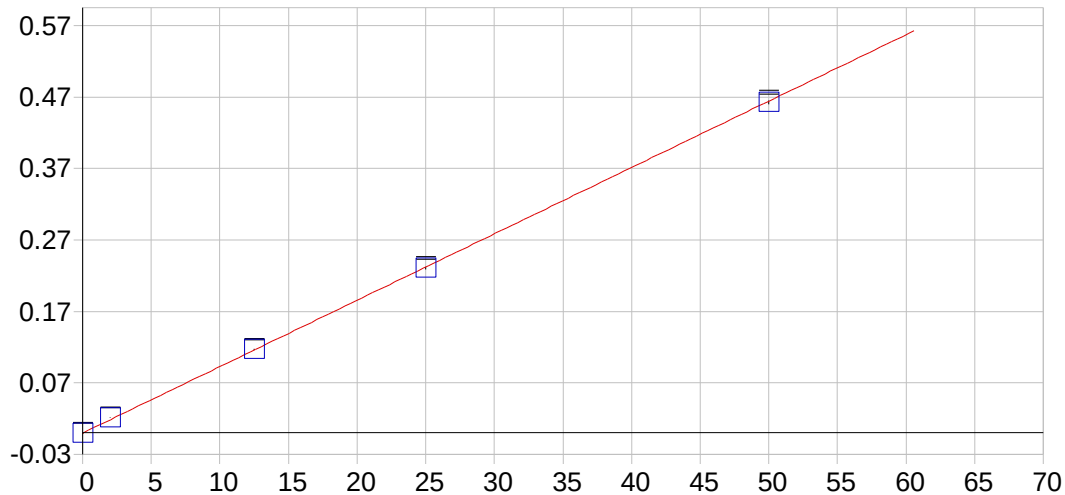
Weighting: 1/Conc

A0 (Offset): -0.000150
 A1 (Gain): 1.616347
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000347
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

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	-.00016	.000	1
S1	.02000	.02498	.005	24.9	.04022	.002	1
S3	1.2500	1.2610	.011	.884	2.0381	.006	1
S4	2.5000	2.4985	-.002	-.062	4.0382	.006	1
S5	5.0000	4.9855	-.014	-.290	8.0582	.019	1

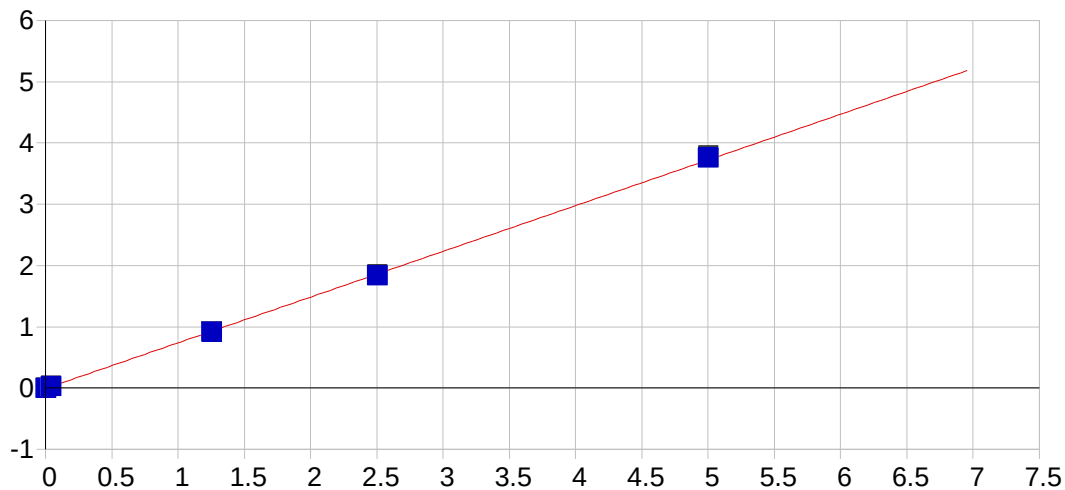


Mg 279.079 {121}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.009287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.054179
 Predicted MQL: 0.180597

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2913	.291	14.6	.02118	.000	1
S0	.00000	-.00029	-.000	.000	-.00010	.000	1
S3	12.500	12.612	.112	.892	.11702	.001	1
S4	25.000	24.804	-.196	-.784	.23026	.002	1
S5	50.000	49.793	-.207	-.414	.46233	.003	1



Ni 231.604 {445}

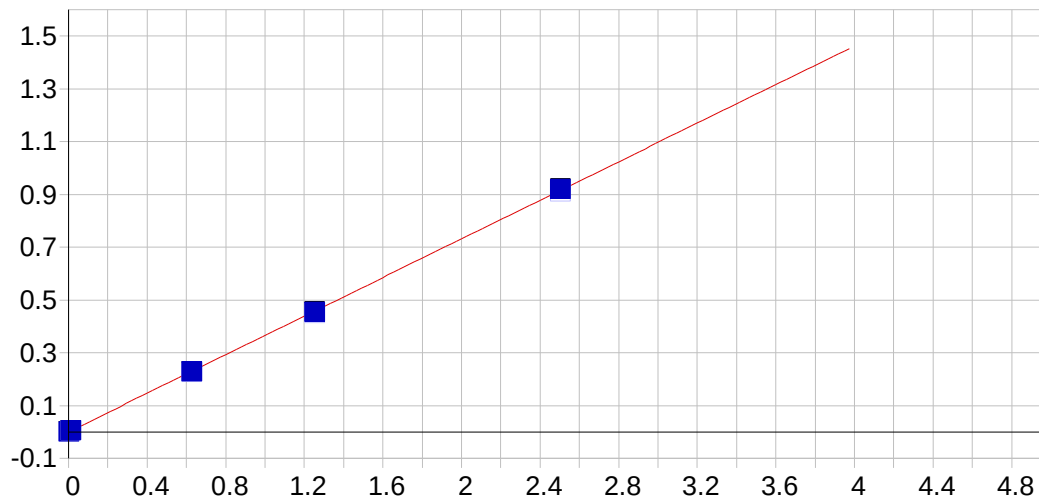
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008682 Re-Slope: 1.000000
 A1 (Gain): 0.746465 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000296
 Predicted MDL: 0.000426
 Predicted MQL: 0.001421

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00869	.000	1
S1	.04000	.04686	.007	17.2	.02632	.000	1
S3	1.2500	1.2319	-.018	-1.45	.91192	.004	1
S4	2.5000	2.4648	-.035	-1.41	1.8333	.007	1
S5	5.0000	5.0464	.046	.928	3.7623	.021	1



Ag 328.068 {103}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

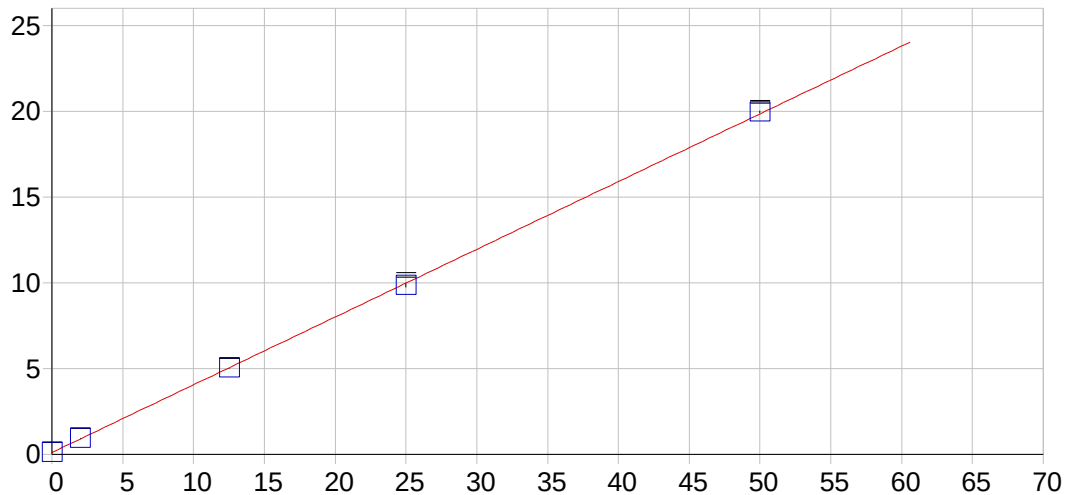
Weighting: 1/Conc

A0 (Offset): 0.000120
 A1 (Gain): 0.365581
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000036
 Predicted MDL: 0.000577
 Predicted MQL: 0.001922

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	.00012	.000	1
S1	.01000	.01198	.002	19.8	.00443	.000	1
S3	.62500	.62258	-.002	-.388	.22513	.001	1
S4	1.2500	1.2379	-.012	-.967	.44749	.003	1
S5	2.5000	2.5125	.013	.502	.90829	.002	1

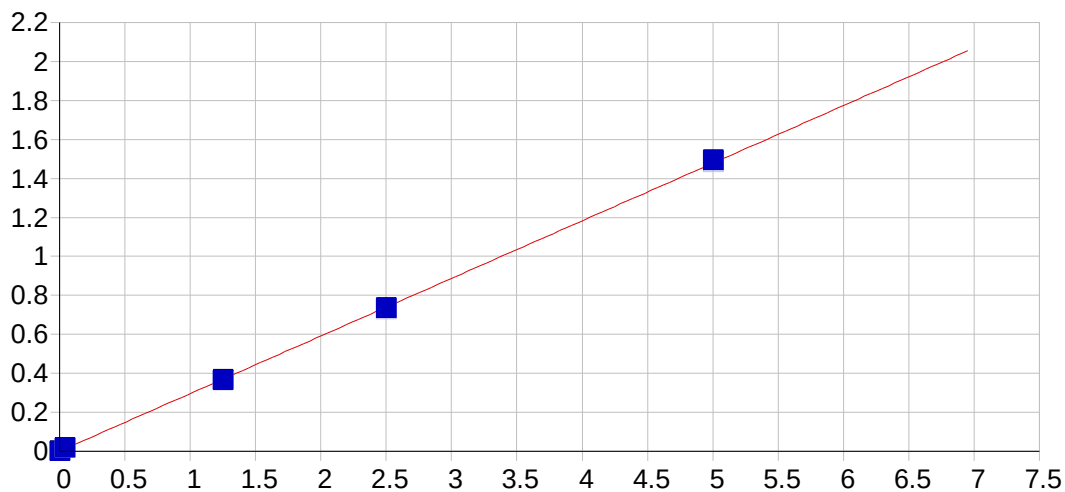


Na 589.592 { 57}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.110128 Re-Slope: 1.000000
 A1 (Gain): 0.394843 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.002204
 Predicted MDL: 0.010596
 Predicted MQL: 0.035321

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0933	.093	4.67	.93667	.011	1
S0	.00000	-.00007	-.000	.000	.11010	.002	1
S3	12.500	12.446	-.054	-.434	5.0242	.020	1
S4	25.000	24.706	-.294	-1.18	9.8651	.123	1
S5	50.000	50.255	.255	.510	19.953	.068	1



V 292.402 {115}

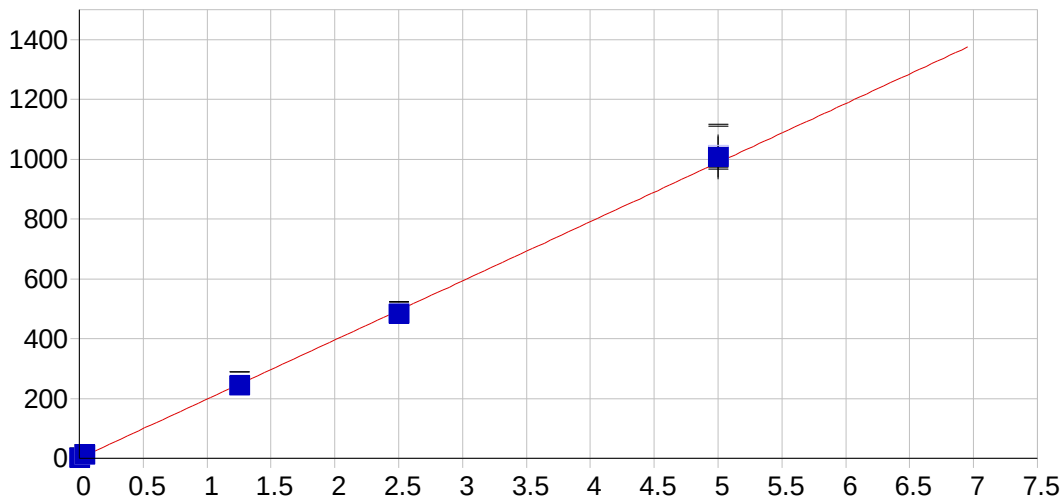
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000633 Re-Slope: 1.000000
 A1 (Gain): 0.295525 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000125
 Predicted MDL: 0.000493
 Predicted MQL: 0.001644

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00063	.000	1
S1	.04000	.04848	.008	21.2	.01478	.001	1
S3	1.2500	1.2313	-.019	-1.50	.36210	.002	1
S4	2.5000	2.4715	-.029	-1.14	.72619	.006	1
S5	5.0000	5.0388	.039	.776	1.4801	.004	1



Zn 206.200 {163}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

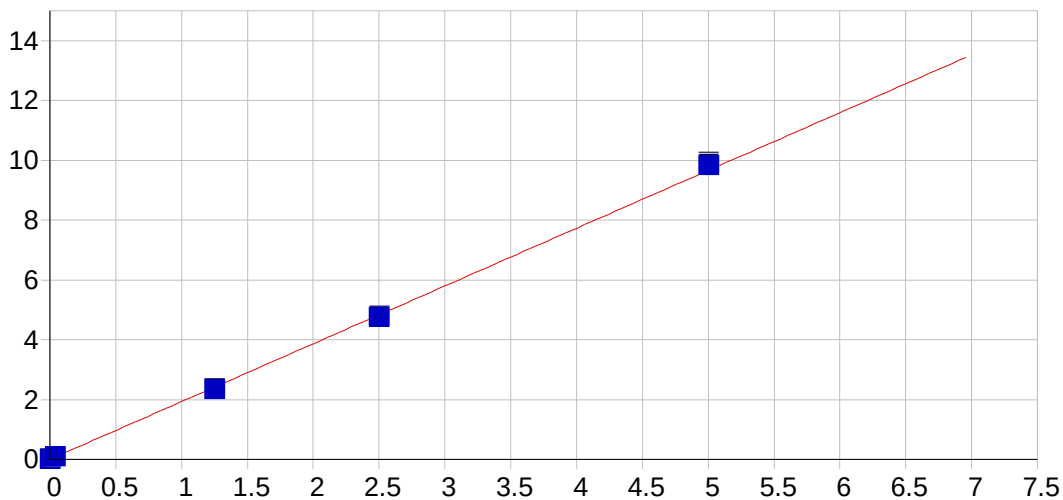
Weighting: 1/Conc

A0 (Offset): 0.250397
 A1 (Gain): 197.715476
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629
 Std Error of Est: 0.131079
 Predicted MDL: 0.000299
 Predicted MQL: 0.000995

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	.24854	.117	1
S1	.04000	.05066	.011	26.7	10.320	.115	1
S3	1.2500	1.2241	-.026	-2.07	243.77	11.5	1
S4	2.5000	2.4322	-.068	-2.71	484.12	6.42	1
S5	5.0000	5.0830	.083	1.66	1011.2	71.6	1

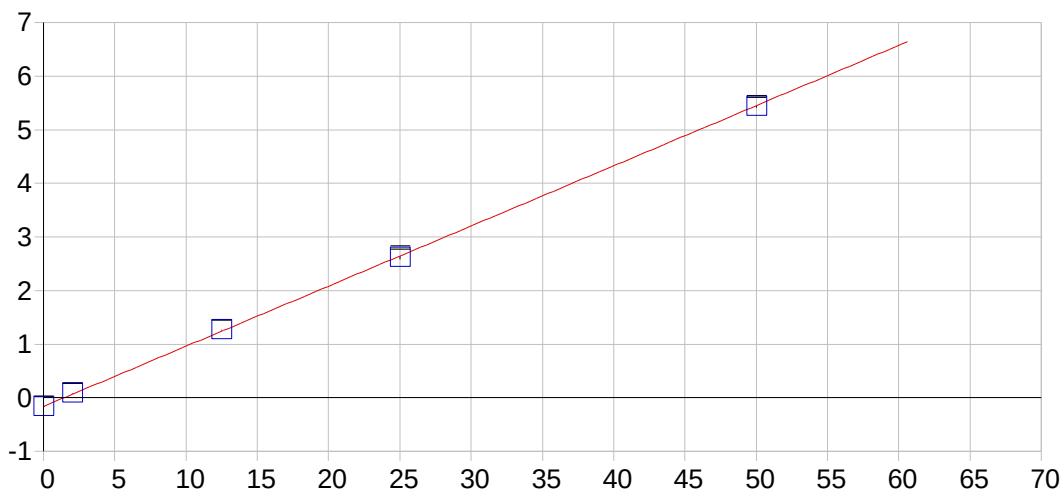


Zn 213.856 {458}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001891 Re-Slope: 1.000000
 A1 (Gain): 1.931855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.001066
 Predicted MDL: 0.000115
 Predicted MQL: 0.000382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00188	.000	1
S1	.04000	.04528	.005	13.2	.08990	.001	1
S3	1.2500	1.2023	-.048	-3.81	2.3401	.012	1
S4	2.5000	2.4591	-.041	-1.64	4.7833	.019	1
S5	5.0000	5.0833	.083	1.67	9.8837	.045	1



K 766.490 {44}

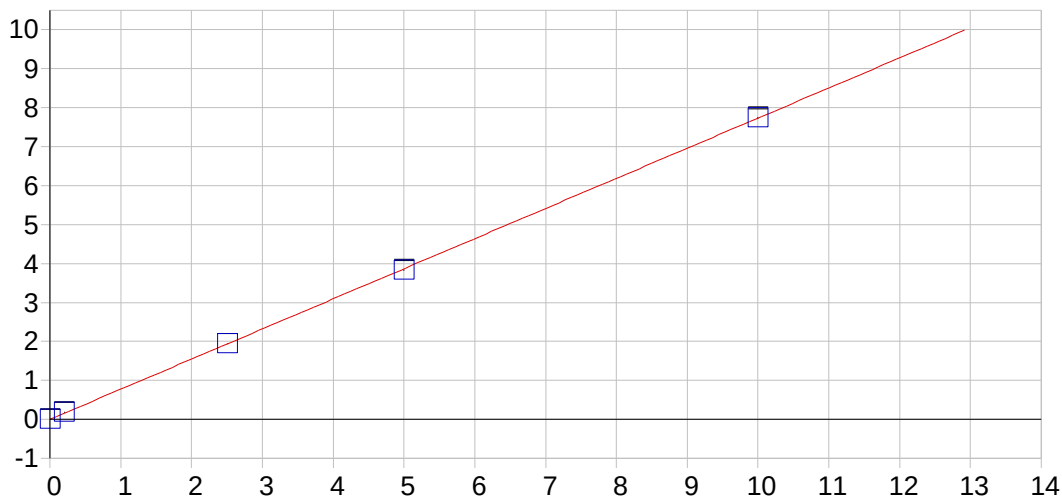
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.162578 Re-Slope: 1.000000
 A1 (Gain): 0.112219 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000929
 Predicted MDL: 0.044612
 Predicted MQL: 0.148707

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1689	.169	8.45	.08082	.006	1
S0	.00000	-.00018	-.000	.000	-.16260	.003	1
S3	12.500	12.711	.211	1.69	1.2638	.002	1
S4	25.000	24.758	-.242	-.970	2.6157	.031	1
S5	50.000	49.862	-.138	-.275	5.4329	.019	1



Mo 202.030 {467}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

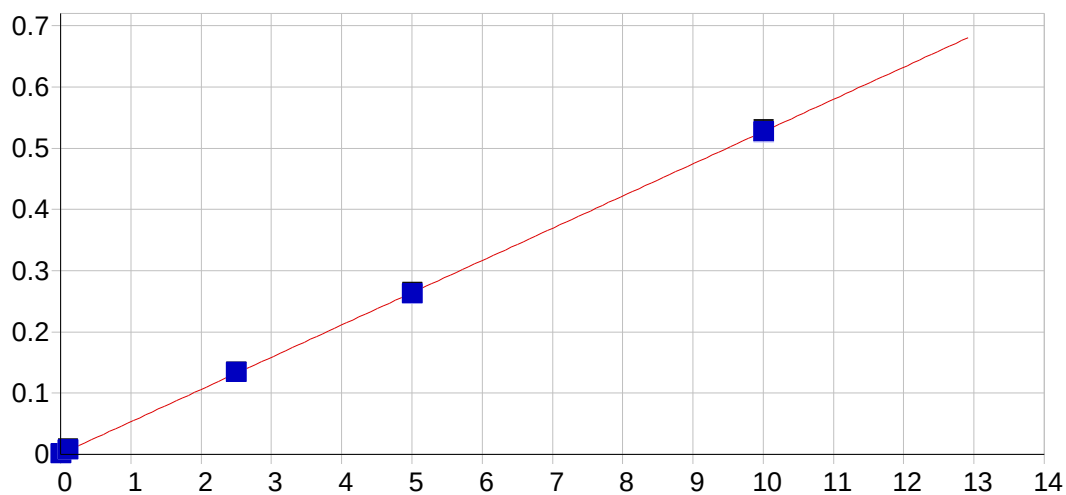
Weighting: 1/Conc

A0 (Offset): 0.000115
 A1 (Gain): 0.773254
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842
 Std Error of Est: 0.001056
 Predicted MDL: 0.000306
 Predicted MQL: 0.001021

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00009	.000	1
S1	.20000	.23229	.032	16.1	.17973	.001	1
S3	2.5000	2.5064	.006	.258	1.9382	.004	1
S4	5.0000	4.9572	-.043	-.856	3.8333	.018	1
S5	10.000	10.004	.004	.041	7.7358	.022	1

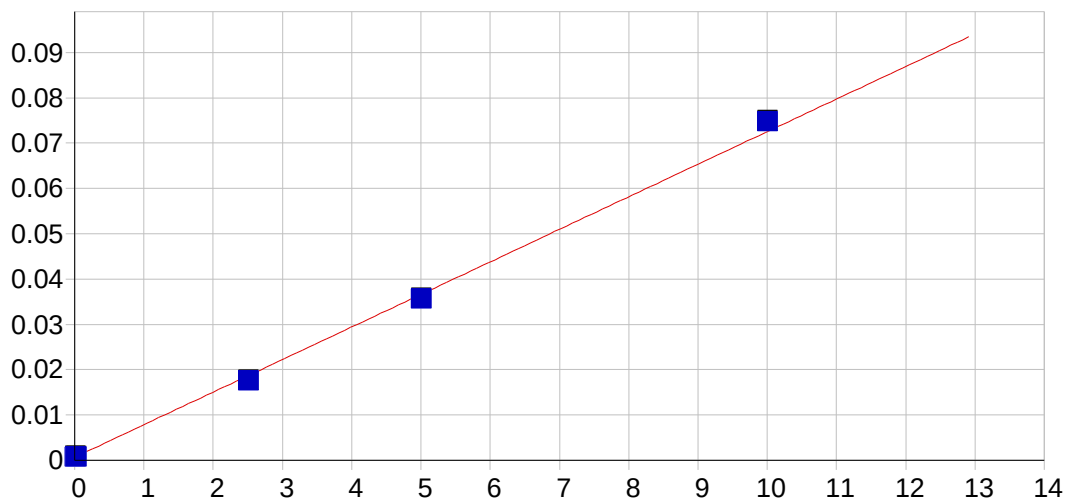


B 249.678 {135}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000764 Re-Slope: 1.000000
 A1 (Gain): 0.052628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.009016
 Predicted MQL: 0.030053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00076	.000	1
S1	.10000	.12526	.025	25.3	.00733	.001	1
S3	2.5000	2.5282	.028	1.13	.13351	.000	1
S4	5.0000	4.9633	-.037	-.734	.26136	.002	1
S5	10.000	9.9833	-.017	-.167	.52493	.004	1



S 182.034 {485}

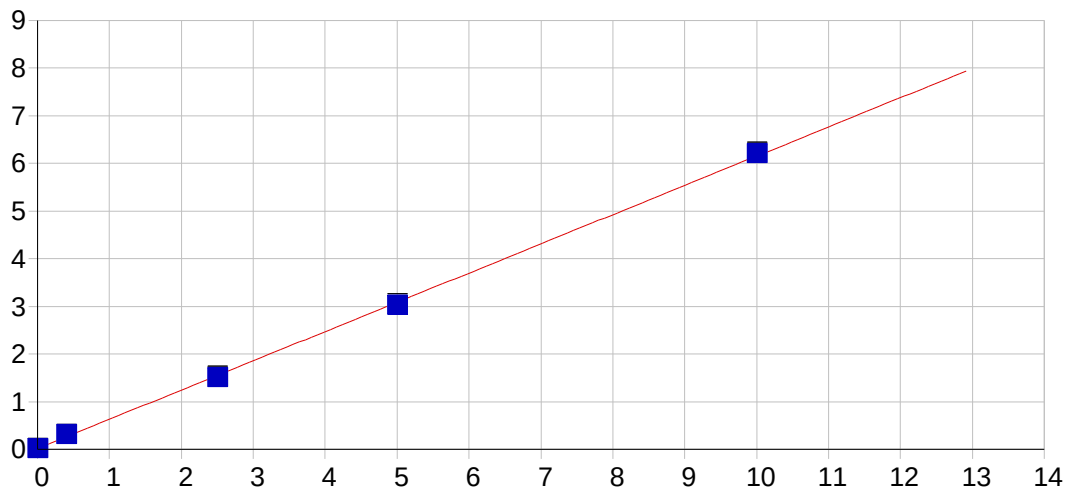
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000675 Re-Slope: 1.000000
 A1 (Gain): 0.007185 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999264
 Std Error of Est: 0.000007
 Predicted MDL: 0.015817
 Predicted MQL: 0.052723

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00068	.000	1
S1	.02000	.01281	-.007	-35.9	.00076	.000	1
S3	2.5000	2.3451	-.155	-6.19	.01751	.000	1
S4	5.0000	4.8554	-.145	-2.89	.03552	.000	1
S5	10.000	10.306	.306	3.06	.07465	.000	1



Si 288.158 {117}

Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

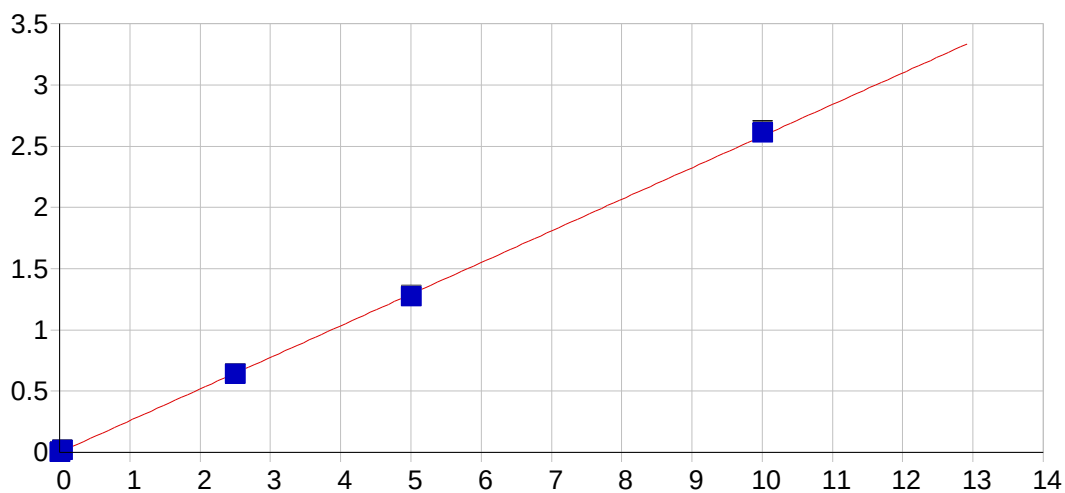
Weighting: 1/Conc

A0 (Offset): 0.016381
 A1 (Gain): 0.613635
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564
 Std Error of Est: 0.001977
 Predicted MDL: 0.002571
 Predicted MQL: 0.008571

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	-.00005	-.000	.000	.01635	.002	1
S1	.40000	.46764	.068	16.9	.30313	.009	1
S3	2.5000	2.4343	-.066	-2.63	1.5093	.016	1
S4	5.0000	4.9095	-.091	-1.81	3.0274	.021	1
S5	10.000	10.089	.089	.886	6.2039	.029	1

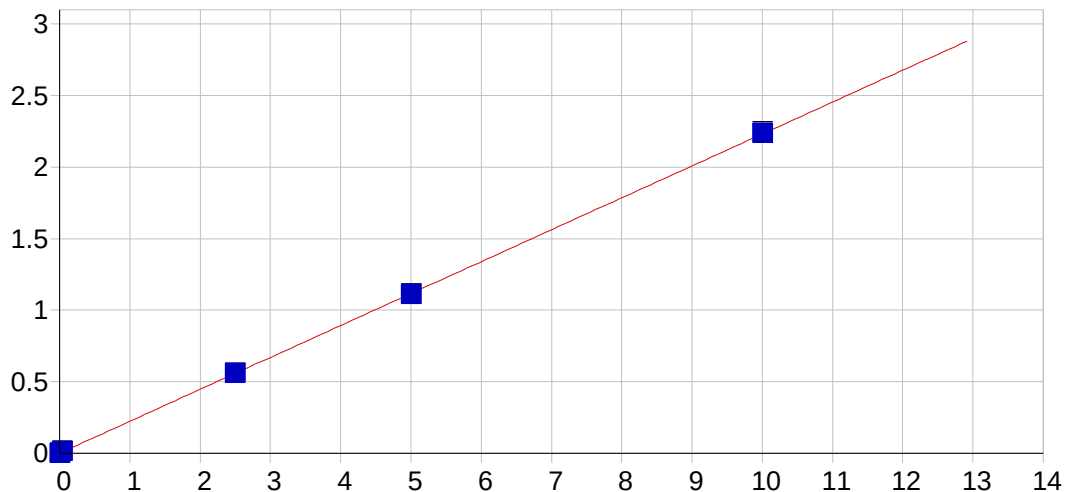


Sn 189.989 {477}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000972 Re-Slope: 1.000000
 A1 (Gain): 0.258185 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.000637
 Predicted MQL: 0.002123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00097	.000	1
S1	.04000	.04815	.008	20.4	.01340	.000	1
S3	2.5000	2.4639	-.036	-1.45	.63721	.000	1
S4	5.0000	4.9252	-.075	-1.50	1.2728	.006	1
S5	10.000	10.103	.103	1.03	2.6098	.015	1



Ti 336.121 {100}

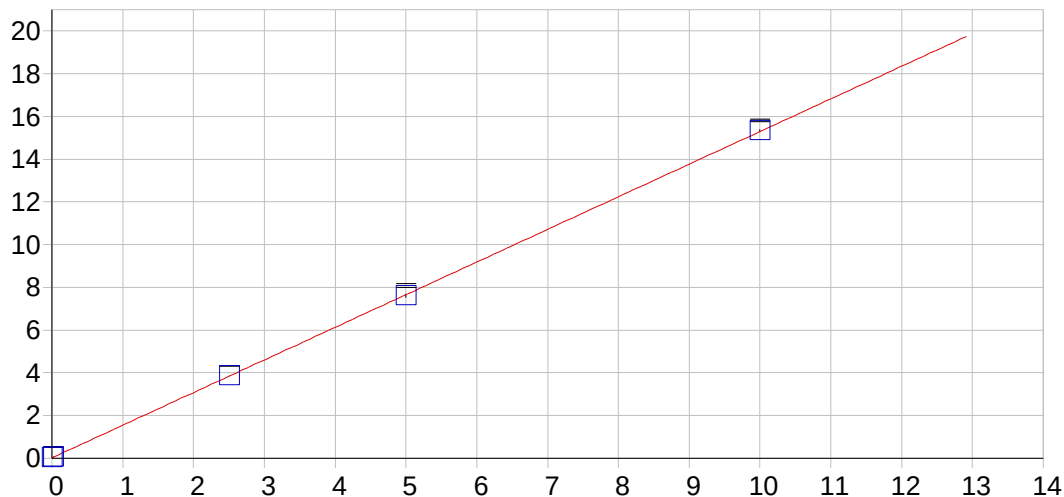
Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001087 Re-Slope: 1.000000
 A1 (Gain): 0.223037 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824
 Std Error of Est: 0.000143
 Predicted MDL: 0.003439
 Predicted MQL: 0.011462

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00108	.000	1
S1	.04000	.05540	.015	38.5	.01344	.000	1
S3	2.5000	2.4995	-.001	-.021	.55849	.002	1
S4	5.0000	4.9684	-.032	-.631	1.1091	.006	1
S5	10.000	10.017	.017	.167	2.2349	.010	1



Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

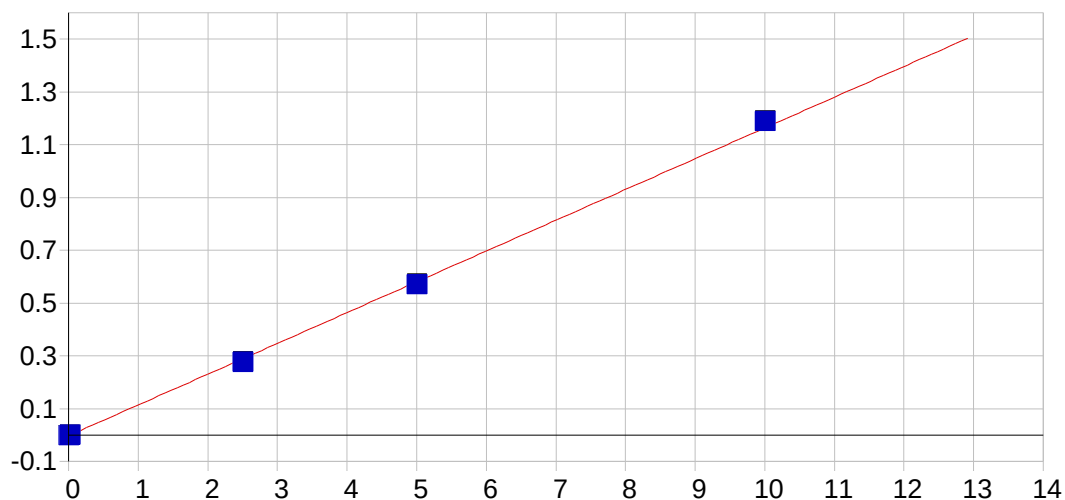
Weighting: 1/Conc

A0 (Offset): 0.021481
 A1 (Gain): 1.527521
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990
 Std Error of Est: 0.000163
 Predicted MDL: 0.002863
 Predicted MQL: 0.009544

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	.02148	.005	1
S1	.02000	.02066	.001	3.28	.05303	.002	1
S3	2.5000	2.5091	.009	.364	3.8542	.018	1
S4	5.0000	4.9660	-.034	-.679	7.6072	.078	1
S5	10.000	10.024	.024	.242	15.334	.053	1

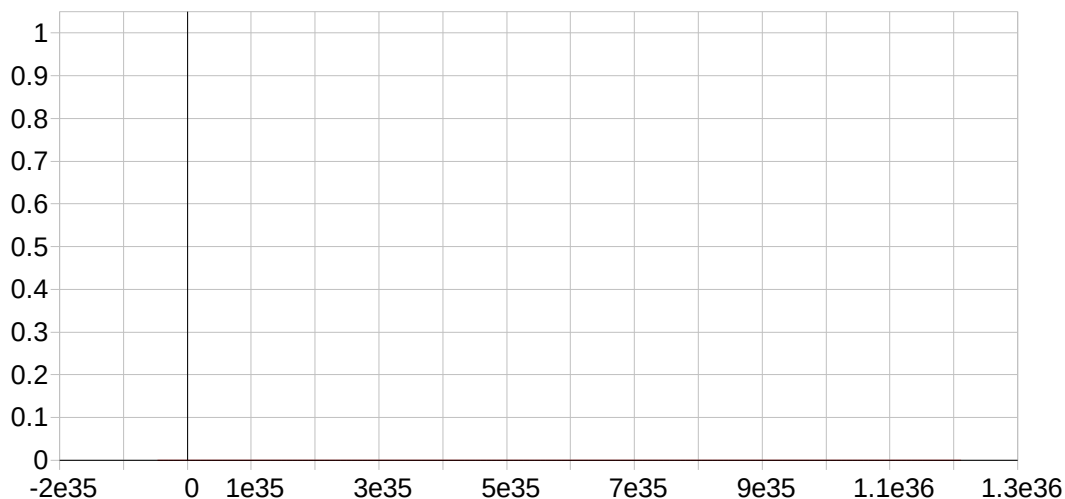


P 177.495 {490}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002727 Re-Slope: 1.000000
 A1 (Gain): 0.116624 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999644 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.001337
 Predicted MQL: 0.004457

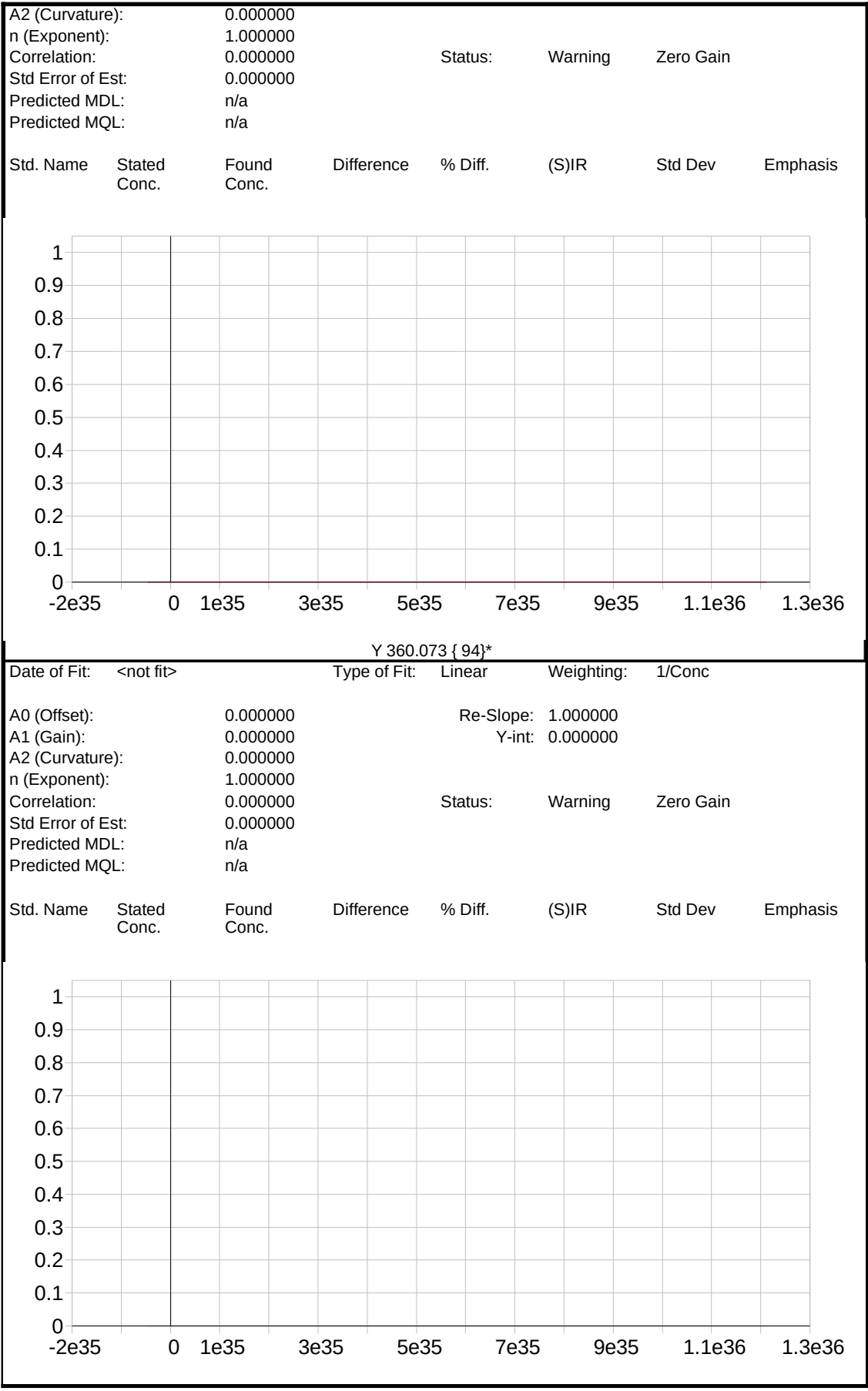
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00273	.000	1
S1	.02000	.01889	-.001	-5.56	-.00053	.000	1
S3	2.5000	2.3798	-.120	-4.81	.27439	.000	1
S4	5.0000	4.9038	-.096	-1.92	.56833	.002	1
S5	10.000	10.218	.218	2.18	1.1872	.002	1

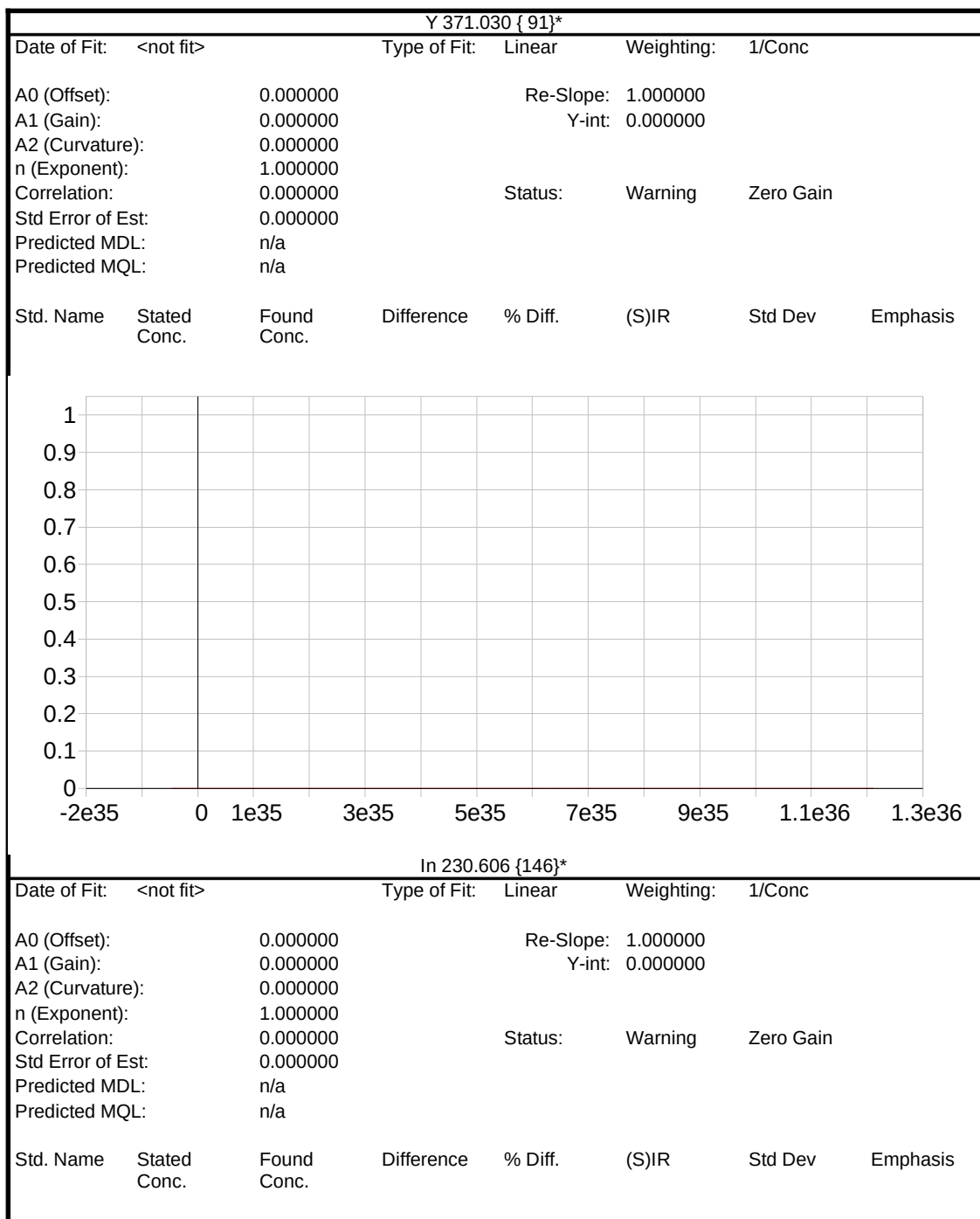


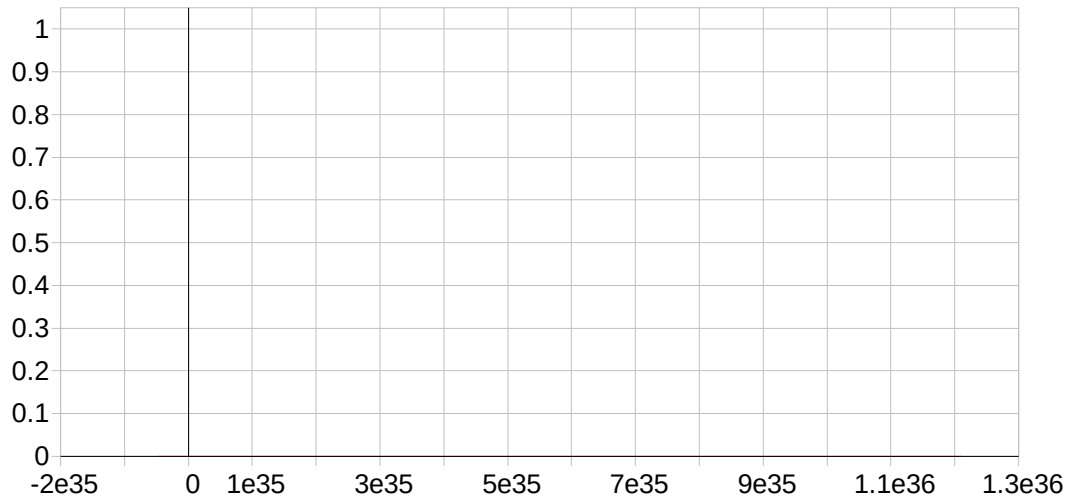
Y 224.306 {450}*

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

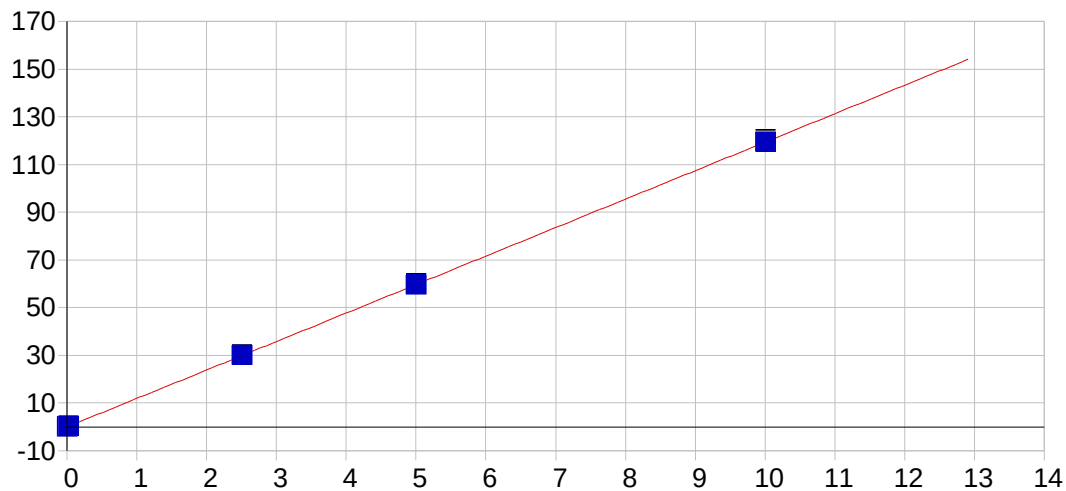
Status: Warning Zero Gain

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: 2/16/2019 11:57:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.014576

Re-Slope: 1.000000

A1 (Gain): 11.936657

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

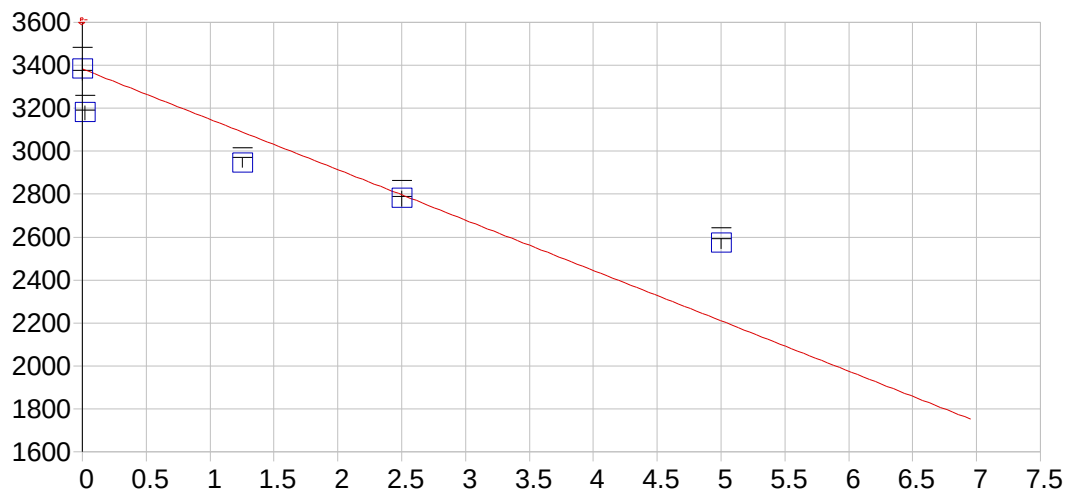
Status: OK.

Std Error of Est: 0.002326

Predicted MDL: 0.000139

Predicted MQL: 0.000463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01463	.002	1
S1	.02000	.02430	.004	21.5	.27684	.002	1
S3	2.5000	2.5151	.015	.602	30.040	.103	1
S4	5.0000	4.9755	-.025	-.490	59.442	.650	1
S5	10.000	10.005	.005	.051	119.54	.786	1



Date of Fit: 2/16/2019 11:57:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 3382.967317

Re-Slope: 1.000000

A1 (Gain): -234.591999

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.437846

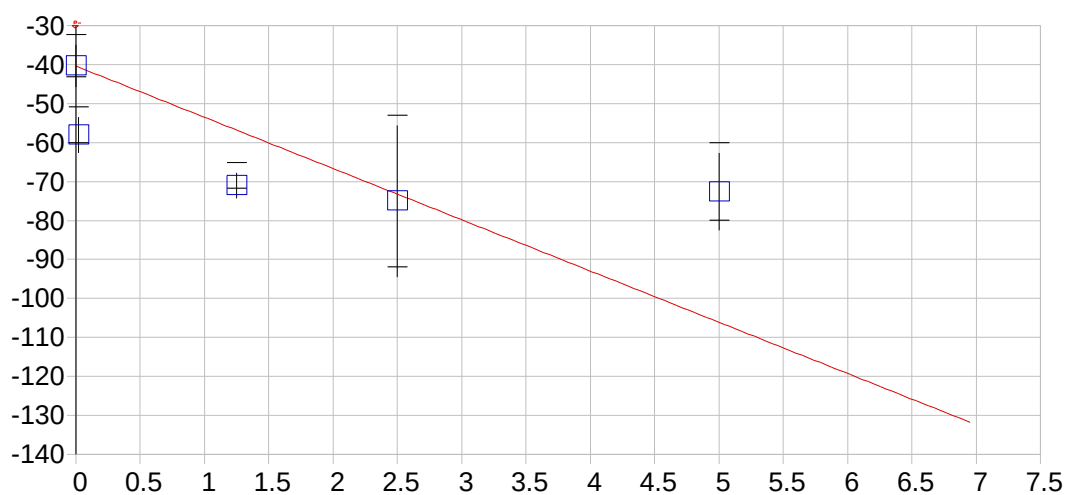
Status: Warning Negative Gain

Std Error of Est: 8.231583

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00085	-.001	.000	3383.2	53.8	1
S1	.02000	.87045	.850	4250.	3178.8	34.2	1
S3	1.2500	1.8638	.614	49.1	2945.7	23.7	1
S4	2.5000	2.5717	.072	2.87	2779.7	37.1	1
S5	5.0000	3.4641	-1.54	-30.7	2570.3	26.0	1



U 385.958 { 87}

Date of Fit: 2/16/2019 11:57:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -40.394049 Re-Slope: 1.000000

A1 (Gain): -13.141339 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.297606

Status: Warning Negative Gain

Std Error of Est: 0.720391

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00133	-.001	.000	-40.377	5.46	1
S1	.02000	1.3459	1.33	6630.	-58.082	4.67	1
S3	1.2500	2.3357	1.09	86.9	-71.088	3.26	1
S4	2.5000	2.6370	.137	5.48	-75.048	19.5	1
S5	5.0000	2.4513	-2.55	-51.0	-72.608	9.88	1

Sample Name: S0 Acquired: 2/16/2019 11:28:11 Type: Cal
Method: P4-ICP2(v2867) 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	-.00010	.00322	-.00019	.00053	.00069	.19249	.00010
Stddev	.00009	.00010	.00025	.00012	.00016	.00019	.00232	.00003
%RSD	194.33	99.261	7.6112	62.447	30.435	26.950	1.2051	33.533

#1	-.00007	.00001	.00294	-.00009	.00038	.00048	.19144	.00009
#2	.00005	-.00015	.00340	-.00032	.00051	.00075	.19089	.00013
#3	-.00012	-.00015	.00332	-.00015	.00071	.00083	.19515	.00007

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	-.00279	.00160	-.00017	-.00051	.00083	.00865	-.00016	-.00010
Stddev	.00019	.00149	.00002	.00032	.00028	.00029	.00003	.00045
%RSD	6.7104	92.868	10.042	62.525	33.265	3.3785	18.140	440.92

#1	-.00267	.00199	-.00016	-.00081	.00054	.00862	-.00017	-.00040
#2	-.00269	.00285	-.00018	-.00053	.00088	.00838	-.00013	.00042
#3	-.00300	-.00004	-.00015	-.00018	.00109	.00896	-.00018	-.00033

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	-.00869	.00012	.11010	.00063	.00188	-.16260	.00009	.00076
Stddev	.00007	.00018	.00249	.00006	.00017	.00293	.00022	.00049
%RSD	.85863	152.76	2.2631	9.4617	9.1851	1.7990	235.67	64.581

#1	-.00874	.00019	.11295	.00058	.00196	-.16042	.00001	.00121
#2	-.00872	-.00009	.10831	.00061	.00200	-.16145	.00034	.00024
#3	-.00860	.00025	.10904	.00070	.00169	-.16592	-.00007	.00084

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	.00068	.01635	.00097	.00108	.02148	-.0027	-.01463	3383.2
Stddev	.00015	.00154	.00015	.00048	.00479	.0001	.00163	53.8
%RSD	21.681	9.4080	15.737	44.490	22.317	3.328	11.149	1.5893

#1	.00084	.01611	.00098	.00090	.02589	-.0026	-.01352	3444.9
#2	.00058	.01495	.00081	.00072	.01638	-.0028	-.01387	3346.6
#3	.00060	.01799	.00112	.00163	.02217	-.0027	-.01650	3358.0

Sample Name: S0 Acquired: 2/16/2019 11:28:11 Type: Cal
 Method: P4-ICP2(v2867) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-40.377
Stddev	5.455
%RSD	13.511

#1	-40.546
#2	-45.745
#3	-34.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3293.0	35209.	3185.0	13.488	3575.0
Stddev	11.6	104.	35.0	1.968	14.5
%RSD	.35225	.29428	1.0976	14.590	.40625

#1	3281.2	35189.	3162.3	14.818	3561.7
#2	3293.5	35116.	3225.2	14.418	3572.8
#3	3304.3	35320.	3167.4	11.227	3590.5

Sample Name: S1 Acquired: 2/16/2019 11:32:38 Type: Cal
Method: P4-ICP2(v2867) 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	.00094	.00527	.00658	.00120	.00830	.00194	.30363	.00662
Stddev	.00009	.00007	.00044	.00007	.00009	.00011	.00088	.00025
%RSD	9.0671	1.3397	6.6759	5.9573	1.0381	5.6398	.29118	3.8392

#1	.00090	.00530	.00698	.00113	.00821	.00203	.30443	.00680
#2	.00089	.00533	.00666	.00122	.00838	.00197	.30378	.00673
#3	.00104	.00519	.00611	.00127	.00831	.00182	.30268	.00633

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	.01752	.00321	.04226	.01711	.05364	.04022	.02632	.00443
Stddev	.00003	.00013	.00035	.00035	.00232	.00167	.00001	.00027
%RSD	.17949	3.9847	.82428	2.0588	4.3263	4.1629	.03155	6.1373

#1	.01749	.00336	.04196	.01723	.05625	.04155	.02632	.00473
#2	.01755	.00312	.04264	.01740	.05179	.04078	.02632	.00436
#3	.01751	.00316	.04217	.01672	.05289	.03834	.02631	.00420

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	.01478	.08990	.17973	.00733	.00076	.30313	.01340	.01344
Stddev	.00051	.00062	.00098	.00064	.00005	.00862	.00017	.00018
%RSD	3.4730	.69233	.54576	8.7115	7.0751	2.8440	1.2321	1.3385

#1	.01521	.09040	.18078	.00765	.00072	.31197	.01344	.01361
#2	.01490	.09010	.17959	.00775	.00074	.30269	.01355	.01325
#3	.01421	.08921	.17884	.00660	.00082	.29474	.01322	.01346

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05303	-.0005	.27684	3178.8	-58.082
Stddev	.00215	.0002	.00200	34.2	4.671
%RSD	4.0495	28.70	.72367	1.0762	8.0426

#1	.05296	-.0004	.27533	3156.5	-58.210
#2	.05521	-.0005	.27912	3161.6	-53.347
#3	.05092	-.0007	.27609	3218.2	-62.687

Sample Name: S1 Acquired: 2/16/2019 11:32:38 Type: Cal
Method: P4-ICP2(v2867) 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	3286.2	34355.	3162.9	13.861	3529.3
Stddev	10.2	310.	35.8	.331	14.1
%RSD	.30953	.90165	1.1322	2.3850	.39978
#1	3274.9	34316.	3133.9	14.091	3513.1
#2	3294.5	34066.	3203.0	14.009	3535.6
#3	3289.3	34682.	3151.9	13.482	3539.2

Sample Name: S2 Acquired: 2/16/2019 11:37:02 Type: Cal
Method: P4-ICP2(v2867) 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	.13016	.02118	.93667	.08082
Stddev	.00118	.00037	.01072	.00631
%RSD	.90561	1.7609	1.1442	7.8021

#1	.12911	.02149	.93093	.07436
#2	.12994	.02077	.93005	.08112
#3	.13143	.02128	.94904	.08696

Int. Std.	Y_3710
Units	Cts/S
Avg	3269.9
Stddev	9.0
%RSD	.27416

#1	3265.9
#2	3280.1
#3	3263.6

Sample Name: S3 Acquired: 2/16/2019 11:41:16 Type: Cal
Method: P4-ICP2(v2867) 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	.13770	.28667	.60907	.17672	.32714	.04852	4.2653	.11426
Stddev	.00071	.00077	.00258	.00065	.00085	.00055	.0150	.00073
%RSD	.51386	.26777	.42377	.36886	.26093	1.1376	.35216	.63852
#1	.13812	.28673	.60961	.17688	.32793	.04791	4.2735	.11492
#2	.13689	.28587	.60625	.17600	.32623	.04899	4.2480	.11348
#3	.13810	.28740	.61133	.17727	.32725	.04865	4.2744	.11439
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	3.8697	.73736	.14239	1.4803	.44711	.89297	2.0381	.11702
Stddev	.0176	.00320	.00028	.0059	.00221	.01063	.0059	.00074
%RSD	.45430	.43408	.19848	.39948	.49500	1.1901	.29031	.63490
#1	3.8721	.73397	.14260	1.4817	.44599	.89963	2.0449	.11617
#2	3.8511	.74032	.14207	1.4738	.44568	.88071	2.0343	.11736
#3	3.8860	.73779	.14251	1.4853	.44966	.89855	2.0352	.11754
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	.91192	.22513	5.0242	.36210	2.3401	1.2638	1.9382	.13351
Stddev	.00407	.00053	.0198	.00179	.0118	.0022	.0038	.00038
%RSD	.44674	.23688	.39364	.49313	.50657	.16974	.19550	.28619
#1	.91213	.22568	5.0166	.36374	2.3416	1.2647	1.9415	.13358
#2	.90775	.22461	5.0094	.36020	2.3275	1.2654	1.9341	.13385
#3	.91589	.22510	5.0467	.36236	2.3511	1.2614	1.9391	.13309
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	.01751	1.5093	.63721	.55849	3.8542	.2744	30.040	2945.7
Stddev	.00019	.0158	.00037	.00213	.0184	.0004	.103	23.7
%RSD	1.0597	1.0434	.05807	.38106	.47811	.1280	.34212	.80330
#1	.01746	1.5250	.63762	.55732	3.8597	.2743	29.962	2942.2
#2	.01771	1.4935	.63690	.55721	3.8336	.2748	30.001	2970.9
#3	.01735	1.5095	.63712	.56095	3.8692	.2741	30.156	2924.0

Sample Name: S3 Acquired: 2/16/2019 11:41:16 Type: Cal
 Method: P4-ICP2(v2867) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-71.088
Stddev	3.256
%RSD	4.5796

#1	-73.497
#2	-67.384
#3	-72.383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.6	33748.	3275.9	14.075	3387.0
Stddev	10.0	14.	24.1	.669	13.3
%RSD	.30697	.04166	.73690	4.7542	.39395

#1	3247.5	33734.	3252.9	14.843	3379.2
#2	3265.1	33747.	3301.0	13.617	3402.4
#3	3248.1	33762.	3273.8	13.764	3379.4

Sample Name: S4 Acquired: 2/16/2019 11:45:16 Type: Cal
Method: P4-ICP2(v2867) 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	.27580	.57323	1.2227	.35386	.65543	.09711	8.2075	.22646
Stddev	.00114	.00222	.0038	.00161	.00317	.00100	.0785	.00070
%RSD	.41378	.38652	.31375	.45619	.48431	1.0340	.95602	.31017

#1	.27683	.57535	1.2244	.35501	.65862	.09681	8.1225	.22654
#2	.27600	.57340	1.2254	.35454	.65540	.09630	8.2772	.22712
#3	.27457	.57093	1.2183	.35201	.65227	.09823	8.2227	.22572

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.8524	1.4455	.28376	2.9942	.87809	1.7362	4.0382	.23026
Stddev	.0295	.0115	.00195	.0084	.00434	.0133	.0065	.00171
%RSD	.37577	.79867	.68728	.28148	.49377	.76807	.15981	.74141

#1	7.8675	1.4322	.28376	2.9991	.88134	1.7298	4.0347	.22829
#2	7.8713	1.4528	.28180	2.9990	.87978	1.7516	4.0343	.23136
#3	7.8184	1.4515	.28570	2.9845	.87317	1.7273	4.0457	.23112

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	1.8333	.44749	9.8651	.72619	4.7833	2.6157	3.8333	.26136
Stddev	.0073	.00317	.1228	.00574	.0189	.0313	.0181	.00233
%RSD	.39816	.70831	1.2449	.78977	.39454	1.1982	.47158	.89026

#1	1.8358	.44779	9.7330	.72775	4.7919	2.5883	3.8507	.25876
#2	1.8390	.44419	9.9758	.71984	4.7963	2.6499	3.8345	.26325
#3	1.8250	.45050	9.8865	.73098	4.7616	2.6090	3.8147	.26206

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	.03552	3.0274	1.2728	1.1091	7.6072	.5683	59.442	2779.7
Stddev	.00017	.0206	.0055	.0058	.0777	.0015	.650	37.1
%RSD	.47593	.68171	.43526	.52418	1.0214	.2695	1.0941	1.3343

#1	.03571	3.0166	1.2764	1.1038	7.5242	.5685	58.725	2795.4
#2	.03546	3.0512	1.2756	1.1153	7.6783	.5698	59.995	2806.3
#3	.03539	3.0143	1.2664	1.1081	7.6192	.5667	59.604	2737.3

Sample Name: S4 Acquired: 2/16/2019 11:45:16 Type: Cal
Method: P4-ICP2(v2867) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-75.048
Stddev	19.480
%RSD	25.957

#1	-93.196
#2	-77.485
#3	-54.465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.6	32846.	3258.6	13.668	3219.2
Stddev	18.9	138.	26.3	.200	18.9
%RSD	.59626	.42142	.80854	1.4640	.58589

#1	3157.3	32817.	3265.3	13.438	3207.0
#2	3169.2	32997.	3229.5	13.800	3209.7
#3	3194.4	32725.	3280.9	13.766	3240.9

Sample Name: S5 Acquired: 2/16/2019 11:49:16 Type: Cal
Method: P4-ICP2(v2867) 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	.56302	1.1598	2.4921	.71558	1.3303	.19739	16.564	.45760
Stddev	.00286	.0036	.0093	.00314	.0066	.00205	.084	.00077
%RSD	.50809	.30945	.37311	.43885	.49777	1.0410	.50956	.16818
#1	.55980	1.1559	2.4814	.71196	1.3230	.19519	16.473	.45679
#2	.56399	1.1630	2.4968	.71729	1.3320	.19771	16.640	.45771
#3	.56527	1.1604	2.4982	.71750	1.3359	.19926	16.578	.45831
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	16.103	2.9058	.57057	6.1666	1.7473	3.3967	8.0582	.46233
Stddev	.056	.0167	.00199	.0285	.0068	.0155	.0185	.00286
%RSD	.35053	.57376	.34853	.46157	.38965	.45708	.22975	.61890
#1	16.038	2.8875	.56856	6.1338	1.7395	3.4120	8.0421	.45920
#2	16.140	2.9202	.57062	6.1849	1.7510	3.3971	8.0540	.46299
#3	16.131	2.9098	.57253	6.1810	1.7515	3.3810	8.0784	.46481
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	3.7623	.90829	19.953	1.4801	9.8837	5.4329	7.7358	.52493
Stddev	.0212	.00190	.068	.0042	.0449	.0194	.0224	.00369
%RSD	.56367	.20864	.33853	.28576	.45423	.35669	.28919	.70207
#1	3.7380	.90907	19.880	1.4777	9.8320	5.4169	7.7100	.52105
#2	3.7769	.90613	20.013	1.4775	9.9121	5.4545	7.7479	.52839
#3	3.7721	.90967	19.966	1.4849	9.9072	5.4274	7.7495	.52535
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	.07465	6.2039	2.6098	2.2349	15.334	1.187	119.54	2570.3
Stddev	.00024	.0291	.0149	.0103	.053	.002	.79	26.0
%RSD	.32116	.46892	.57202	.45861	.34300	.1294	.65709	1.0108
#1	.07439	6.2255	2.5928	2.2232	15.274	1.186	119.63	2576.3
#2	.07468	6.2153	2.6205	2.2394	15.375	1.189	120.28	2592.8
#3	.07487	6.1708	2.6162	2.2421	15.352	1.187	118.72	2541.9

Sample Name: S5 Acquired: 2/16/2019 11:49:16 Type: Cal
 Method: P4-ICP2(v2867) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-72.608
Stddev	9.883
%RSD	13.611

#1	-73.521
#2	-82.002
#3	-62.300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.2	31668.	3210.1	12.600	3013.1
Stddev	4.1	95.	19.8	.926	7.7
%RSD	.13371	.29980	.61692	7.3504	.25626

#1	3050.3	31760.	3194.0	11.810	3017.4
#2	3043.5	31674.	3204.2	13.619	3004.1
#3	3050.8	31570.	3232.2	12.369	3017.7

Sample Name: ICV01 Acquired: 2/16/2019 12:00:14 Type: Unk
Method: P4-ICP2(v2867) 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	1.0297	1.0418	1.0311	1.0393	1.0277	2.6092	.50975
Stddev	.0053	.0014	.0008	.0065	.0019	.0404	.00439
%RSD	.51118	.13058	.08099	.62214	.18238	1.5471	.86109

#1	1.0237	1.0403	1.0301	1.0354	1.0286	2.5649	.50890
#2	1.0330	1.0421	1.0316	1.0357	1.0289	2.6439	.50585
#3	1.0325	1.0430	1.0315	1.0467	1.0255	2.6189	.51450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49464	.49954	10.380	.51466	.51287	.52999	5.2183
Stddev	.00121	.00153	.066	.00336	.00066	.00096	.0388
%RSD	.24523	.30557	.63929	.65223	.12928	.18113	.74260

#1	.49324	.50016	10.304	.51115	.51215	.53046	5.2623
#2	.49541	.49780	10.421	.51784	.51298	.53062	5.1890
#3	.49527	.50065	10.416	.51497	.51347	.52888	5.2037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52369	6.1603	.51435	.50925	10.062	.51152	.99774
Stddev	.00173	.0319	.00123	.00502	.023	.00538	.00386
%RSD	.33052	.51854	.23829	.98610	.23127	1.0510	.38721

#1	.52171	6.1774	.51335	.50626	10.036	.51030	1.0004
#2	.52447	6.1235	.51399	.51504	10.069	.51741	.99331
#3	.52490	6.1801	.51572	.50643	10.081	.50686	.99947

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.137	2.6142	2.5855	2.5248	2.3913	2.5961	2.6464
Stddev	.075	.0107	.0202	.0268	.0122	.0113	.0200
%RSD	.74233	.40737	.77987	1.0619	.50896	.43531	.75415

#1	10.056	2.6098	2.5682	2.5135	2.3985	2.5853	2.6278
#2	10.205	2.6064	2.6077	2.5055	2.3772	2.5953	2.6440
#3	10.149	2.6263	2.5806	2.5555	2.3981	2.6078	2.6675

Sample Name: ICV01 Acquired: 2/16/2019 12:00:14 Type: Unk
Method: P4-ICP2(v2867) 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	2.6615	2.532	2.7308	F 2.8325	F<.00000
Stddev	.0071	.006	.0022	.1217	1.1978
%RSD	.26839	.2494	.08003	4.2977	33.643
#1	2.6694	2.525	2.7291	2.7416	-4.9359
#2	2.6554	2.534	2.7333	2.9708	-2.9978
#3	2.6598	2.537	2.7301	2.7850	-2.7475
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.4	32370.	3264.3	13.398	3285.5
Stddev	10.0	156.	32.5	1.192	14.6
%RSD	.32059	.48269	.99409	8.8972	.44491
#1	3124.1	32400.	3227.8	12.146	3273.1
#2	3144.1	32201.	3289.8	13.530	3301.6
#3	3132.1	32509.	3275.4	14.519	3281.7

Sample Name: LLICV01 Acquired: 2/16/2019 12:04:18 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01634	.04257	.01221	.01980	.05534	.09880	.08716	.00597
Stddev	.00129	.00129	.00076	.00060	.00168	.00966	.00434	.00007
%RSD	7.8979	3.0397	6.1994	3.0239	3.0334	9.7808	4.9797	1.2503
#1	.01778	.04405	.01281	.01990	.05685	.09847	.09162	.00596
#2	.01528	.04203	.01136	.02035	.05564	.08930	.08295	.00590
#3	.01597	.04164	.01247	.01916	.05353	.10862	.08690	.00604
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00564	2.0339	.01077	.03207	.02173	.10349	.02209	2.1298
Stddev	.00006	.0243	.00051	.00027	.00025	.00094	.00019	.0615
%RSD	1.0628	1.1944	4.6946	.84339	1.1361	.91118	.85863	2.8883
#1	.00561	2.0059	.01101	.03193	.02147	.10292	.02208	2.1093
#2	.00561	2.0481	.01019	.03238	.02177	.10458	.02190	2.1990
#3	.00571	2.0478	.01111	.03189	.02196	.10298	.02228	2.0812
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04169	.01088	1.9039	.04350	.04375	1.9503	.20332	.09536
Stddev	.00033	.00032	.0051	.00099	.00027	.0240	.00073	.00526
%RSD	.79536	2.9019	.26753	2.2859	.60963	1.2305	.36117	5.5211
#1	.04198	.01052	1.8985	.04449	.04370	1.9633	.20412	.09494
#2	.04177	.01102	1.9087	.04250	.04403	1.9650	.20314	.09032
#3	.04133	.01111	1.9045	.04349	.04351	1.9226	.20268	.10082
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00504	.40294	.04200	.03943	.01809	.0170	.01977	F 2.5456
Stddev	.00944	.00211	.00068	.00341	.00312	.0010	.00007	.1500
%RSD	187.24	.52446	1.6138	8.6603	17.246	5.922	.36403	5.8906
#1	.00209	.40459	.04275	.04333	.02137	.0170	.01981	2.6605
#2	-.00257	.40367	.04144	.03698	.01515	.0160	.01981	2.3759
#3	.01561	.40056	.04182	.03798	.01776	.0180	.01968	2.6003

Sample Name: LLICV01 Acquired: 2/16/2019 12:04:18 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5881
Stddev	.9369
%RSD	58.993

#1	.52664
#2	1.9381
#3	2.2997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.5	32981.	3301.6	14.782	3483.2
Stddev	13.4	169.	39.2	.797	14.1
%RSD	.41894	.51342	1.1869	5.3904	.40500

#1	3192.9	32835.	3271.1	15.470	3474.3
#2	3188.9	33166.	3287.9	13.909	3475.9
#3	3213.8	32940.	3345.8	14.966	3499.5

Sample Name: ICB01 Acquired: 2/16/2019 12:08:43 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00435	-.00137	.00021	-.00268	.00057	.00694	-.01404	.00005
Stddev	.00430	.00129	.00067	.00267	.00026	.01651	.00236	.00007
%RSD	98.680	94.486	320.10	99.380	45.128	238.02	16.781	133.25
#1	-.00244	-.00277	-.00056	-.00414	.00054	.02212	-.01207	-.00003
#2	-.00134	-.00111	.00066	-.00430	.00084	-.01064	-.01341	.00010
#3	-.00927	-.00023	.00054	.00039	.00033	.00932	-.01665	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00038	.00014	-.00003	-.00008	-.00108	.00001	-.01500
Stddev	.00002	.01683	.00026	.00011	.00049	.00155	.00005	.02564
%RSD	31.656	4450.9	183.40	381.23	599.65	143.95	327.68	170.89
#1	-.00008	.00586	.00008	-.00001	-.00024	-.00274	.00007	-.02481
#2	-.00004	.01378	-.00008	-.00015	-.00047	.00034	-.00002	.01409
#3	-.00006	-.01851	.00043	.00007	.00047	-.00084	-.00001	-.03428
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00036	-.14852	.00027	.00010	.04429	.00009	-.00270
Stddev	.00040	.00071	.00447	.00022	.00011	.01752	.00022	.00957
%RSD	136.28	198.00	3.0065	83.002	107.51	39.566	229.19	355.26
#1	.00001	.00117	-.14394	.00047	.00000	.04045	.00029	.00810
#2	-.00075	.00001	-.14876	.00003	.00008	.06342	.00013	-.01016
#3	-.00014	-.00011	-.15287	.00030	.00022	.02901	-.00014	-.00603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00129	-.00026	.00247	-.00349	-.0023	-.00004	F 2.6968
Stddev	.01832	.00187	.00067	.00161	.00102	.0011	.00005	.0995
%RSD	1260.6	145.05	252.65	65.170	29.324	48.61	101.25	3.6908
#1	.01030	-.00037	.00005	.00429	-.00286	-.0033	-.00005	2.8106
#2	.01367	.00092	.00019	.00191	-.00294	-.0027	.00000	2.6256
#3	-.01961	.00332	-.00103	.00122	-.00468	-.0011	-.00009	2.6543

Sample Name: ICB01 Acquired: 2/16/2019 12:08:43 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .83189
Stddev	.37137
%RSD	44.641

#1	1.1563
#2	.91262
#3	.42680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3183.6	32761.	3286.0	13.902	3482.2
Stddev	5.9	133.	31.5	.814	8.5
%RSD	.18575	.40654	.95997	5.8579	.24452

#1	3190.4	32729.	3302.6	14.839	3490.9
#2	3180.7	32646.	3249.7	13.366	3473.9
#3	3179.7	32907.	3305.9	13.500	3481.9

Sample Name: CRI01 Acquired: 2/16/2019 12:13:11 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01657	.04276	.01211	.01883	.05351	.10254	.08933	.00610
Stddev	.00168	.00186	.00047	.00344	.00109	.01454	.00422	.00006
%RSD	10.144	4.3487	3.8820	18.270	2.0286	14.179	4.7192	.96781
#1	.01785	.04423	.01252	.01592	.05450	.09431	.09329	.00613
#2	.01719	.04067	.01159	.01794	.05367	.09398	.08982	.00613
#3	.01466	.04339	.01221	.02262	.05235	.11933	.08490	.00603
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	2.0469	.01077	.03203	.02140	.10627	.02215	2.1243
Stddev	.00008	.0088	.00024	.00016	.00066	.00278	.00010	.0543
%RSD	1.3362	.42857	2.2606	.48671	3.0921	2.6158	.47241	2.5570
#1	.00580	2.0374	.01074	.03204	.02067	.10622	.02205	2.1335
#2	.00568	2.0486	.01102	.03218	.02194	.10907	.02226	2.1735
#3	.00566	2.0547	.01054	.03187	.02161	.10351	.02213	2.0660
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04176	.01028	1.8970	.04375	.04628	1.9492	.20319	.09959
Stddev	.00011	.00029	.0149	.00058	.00006	.0410	.00067	.00322
%RSD	.26234	2.8249	.78274	1.3150	.12032	2.1024	.33049	3.2300
#1	.04173	.01035	1.8802	.04441	.04633	1.9634	.20254	.09618
#2	.04167	.00996	1.9026	.04342	.04622	1.9812	.20388	.10002
#3	.04188	.01052	1.9083	.04342	.04628	1.9030	.20316	.10257
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00449	.40095	.04152	.04236	F .01191	.0172	.02010	F 2.6689
Stddev	.01591	.00244	.00059	.00445	.00198	.0012	.00022	.1640
%RSD	354.15	.60771	1.4304	10.502	16.626	7.039	1.0798	6.1460
#1	.00216	.39882	.04156	.04299	.01155	.0160	.01988	2.8142
#2	.02145	.40361	.04209	.04646	.01014	.0184	.02013	2.4910
#3	-.01012	.40041	.04090	.03763	.01405	.0172	.02031	2.7014

Sample Name: CRI01 Acquired: 2/16/2019 12:13:11 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2901
Stddev	1.1560
%RSD	89.604

#1	-.01267
#2	2.1933
#3	1.6898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.0	32836.	3282.1	15.135	3456.0
Stddev	9.8	76.	37.5	1.239	10.6
%RSD	.30774	.23106	1.1418	8.1857	.30606

#1	3174.1	32832.	3250.2	16.214	3465.5
#2	3157.8	32914.	3323.3	13.782	3444.6
#3	3175.1	32762.	3272.7	15.409	3457.8

Sample Name: ICSA01 Acquired: 2/16/2019 12:17:36 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00934	-.00359	.00019	-.00862	-.00281	297.86	-.01377	-.00045
Stddev	.00033	.00237	.00045	.00275	.00285	2.04	.00418	.00023
%RSD	3.5753	66.130	235.23	31.915	101.33	.68432	30.344	51.513
#1	-.00896	-.00319	-.00012	-.00600	-.00411	295.64	-.00988	-.00059
#2	-.00959	-.00613	-.00001	-.00839	-.00478	298.30	-.01819	-.00018
#3	-.00946	-.00144	.00071	-.01149	.00046	299.64	-.01325	-.00059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00489	260.88	.06196	-.00056	.00675	96.658	.01640	271.21
Stddev	.00007	2.74	.00082	.00001	.00036	.364	.00016	3.17
%RSD	1.3529	1.0520	1.3183	2.1296	5.2816	.37670	.94901	1.1693
#1	-.00482	257.72	.06272	-.00057	.00700	96.321	.01649	267.71
#2	-.00488	262.65	.06206	-.00057	.00634	97.044	.01649	273.88
#3	-.00495	262.26	.06110	-.00055	.00691	96.608	.01622	272.04
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00832	-.00386	-.06027	.00144	-.01343	.12538	.00081	-.03595
Stddev	.00065	.00021	.00635	.00020	.00028	.05626	.00037	.01606
%RSD	7.7702	5.3192	10.536	14.102	2.0962	44.871	45.819	44.671
#1	-.00804	-.00378	-.06760	.00126	-.01315	.11121	.00057	-.02412
#2	-.00786	-.00410	-.05664	.00139	-.01343	.07756	.00123	-.05423
#3	-.00906	-.00371	-.05656	.00166	-.01372	.18737	.00061	-.02949
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03546	-.00720	.00848	-.00681	F .02025	-.0005	.00368	4.3872
Stddev	.03245	.00066	.00032	.00429	.00345	.0015	.00078	.0687
%RSD	91.520	9.1854	3.7441	62.930	17.039	319.7	21.129	1.5658
#1	.05313	-.00754	.00883	-.01161	.02377	-.0006	.00367	4.3665
#2	-.00199	-.00644	.00836	-.00544	.01688	.0011	.00291	4.3312
#3	.05523	-.00763	.00823	-.00338	.02011	-.0018	.00447	4.4639

Sample Name: ICSA01 Acquired: 2/16/2019 12:17:36 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.3319
%RSD	.81287

#1	-164.80
#2	-164.43
#3	-162.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.8	29002.	3193.8	13.358	2840.6
Stddev	7.4	17.	9.6	1.441	10.6
%RSD	.25773	.05829	.30021	10.788	.37330

#1	2851.4	28984.	3201.0	14.242	2829.4
#2	2866.1	29018.	3182.9	11.695	2850.5
#3	2859.0	29005.	3197.6	14.136	2842.1

Sample Name: ICSAB01 Acquired: 2/16/2019 12:22:07 Type: Unk
Method: P4-ICP2(v2867) 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	.09919	.09111	.05461	.04898	.65904	284.25	.49238	.55626
Stddev	.00484	.00053	.00194	.00218	.01215	1.01	.00776	.00187
%RSD	4.8768	.57984	3.5539	4.4594	1.8443	.35668	1.5765	.33570

#1	.09876	.09122	.05516	.04919	.64513	285.31	.48365	.55692
#2	.09459	.09157	.05245	.04669	.66441	283.28	.49497	.55770
#3	.10423	.09053	.05621	.05105	.66760	284.16	.49852	.55415

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0407	247.89	.59611	.52957	.53204	92.713	.55164	258.15
Stddev	.0113	.34	.00187	.00562	.00498	.226	.00254	.85
%RSD	1.0888	.13816	.31306	1.0607	.93678	.24329	.46054	.32859

#1	1.0282	247.62	.59723	.52458	.52640	92.954	.55299	257.18
#2	1.0438	247.78	.59714	.52848	.53388	92.676	.55322	258.52
#3	1.0502	248.28	.59395	.53565	.53584	92.507	.54871	258.75

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0298	.20785	-.07151	.53933	1.0972	.13723	1.1308	1.0401
Stddev	.0116	.00098	.00215	.00257	.0134	.06110	.0161	.0055
%RSD	1.1252	.47149	3.0077	.47575	1.2195	44.525	1.4266	.53264

#1	1.0205	.20899	-.07263	.54229	1.0822	.08259	1.1142	1.0457
#2	1.0261	.20726	-.06903	.53796	1.1012	.20321	1.1320	1.0346
#3	1.0428	.20732	-.07286	.53775	1.1080	.12590	1.1464	1.0398

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1891	.93199	1.1482	1.0955	1.1730	1.127	1.0873	4.8955
Stddev	.0542	.00185	.0142	.0095	.0066	.015	.0030	.0796
%RSD	4.5593	.19897	1.2342	.86788	.56459	1.320	.27411	1.6251

#1	1.1369	.93002	1.1341	1.0913	1.1700	1.113	1.0903	4.9823
#2	1.2452	.93223	1.1480	1.0888	1.1684	1.125	1.0844	4.8781
#3	1.1853	.93371	1.1624	1.1064	1.1806	1.143	1.0873	4.8261

Sample Name: ICSAB01 Acquired: 2/16/2019 12:22:07 Type: Unk
 Method: P4-ICP2(v2867) 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 .36743
 %RSD .23864

#1 -153.72
 #2 -153.81
 #3 -154.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.2	28689.	3179.6	13.244	2798.6
Stddev	13.3	162.	8.5	1.494	11.0
%RSD	.47056	.56530	.26672	11.284	.39271

#1	2828.3	28518.	3171.9	14.605	2804.4
#2	2803.9	28710.	3178.2	13.482	2786.0
#3	2825.3	28840.	3188.7	11.644	2805.5

Sample Name: CCV01 Acquired: 2/16/2019 12:26:23 Type: Unk
Method: P4-ICP2(v2867) 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	5.1643	5.1341	5.0844	5.1643	5.2070	10.656	10.020	.25916
Stddev	.0531	.0434	.0398	.0501	.0451	.152	.093	.00145
%RSD	1.0281	.84589	.78312	.97010	.86526	1.4273	.92593	.56026
#1	5.2129	5.1798	5.1278	5.2207	5.2562	10.483	10.031	.25961
#2	5.1723	5.1294	5.0761	5.1471	5.1971	10.768	9.9217	.26033
#3	5.1076	5.0933	5.0495	5.1250	5.1677	10.718	10.106	.25754
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5363	25.787	1.0691	2.5733	1.2911	5.1471	2.6639	25.543
Stddev	.0208	.145	.0022	.0202	.0113	.0427	.0018	.277
%RSD	.82084	.56324	.20102	.78407	.87667	.82894	.06894	1.0830
#1	2.5588	25.624	1.0671	2.5950	1.3031	5.1656	2.6620	25.233
#2	2.5323	25.831	1.0714	2.5697	1.2896	5.0983	2.6639	25.633
#3	2.5177	25.904	1.0689	2.5552	1.2806	5.1775	2.6657	25.764
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5366	1.2989	25.606	2.6481	2.5458	24.243	5.0741	5.0388
Stddev	.0214	.0017	.204	.0063	.0215	.180	.0561	.0254
%RSD	.84468	.13317	.79806	.23661	.84479	.74434	1.1047	.50302
#1	2.5598	1.3009	25.577	2.6439	2.5694	24.276	5.1348	5.0619
#2	2.5326	1.2980	25.418	2.6553	2.5407	24.049	5.0632	5.0429
#3	2.5175	1.2978	25.823	2.6451	2.5272	24.405	5.0243	5.0117
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9943	4.8094	4.9801	5.1288	5.1206	5.025	5.2054	F 4.1489
Stddev	.0266	.0417	.0493	.0052	.0441	.033	.0416	.0474
%RSD	.53199	.86689	.99041	.10051	.86163	.6560	.79941	1.1427
#1	5.0073	4.8385	5.0347	5.1254	5.1297	5.060	5.2077	4.1592
#2	5.0119	4.7617	4.9668	5.1263	5.0727	4.995	5.1627	4.1903
#3	4.9637	4.8281	4.9388	5.1348	5.1595	5.018	5.2459	4.0972

Sample Name: CCV01 Acquired: 2/16/2019 12:26:23 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8486
Stddev	1.2051
%RSD	42.304

#1	1.4626
#2	3.6483
#3	3.4349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.9	30884.	3239.2	13.029	3109.0
Stddev	35.1	77.	34.9	1.018	29.7
%RSD	1.1586	.24955	1.0777	7.8153	.95622

#1	2999.5	30820.	3207.5	12.980	3082.9
#2	3024.5	30862.	3276.6	14.071	3102.8
#3	3068.8	30969.	3233.5	12.036	3141.3

Sample Name: LLCCV01 Acquired: 2/16/2019 12:30:22 Type: Unk
 Method: P4-ICP2(v2867) 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	.01612	.04371	.01224	.01708	.05458	.09381	.08561
Stddev	.00290	.00158	.00063	.00163	.00065	.01084	.00332
%RSD	17.969	3.6193	5.1166	9.5603	1.1842	11.561	3.8752

#1	.01339	.04540	.01160	.01853	.05530	.09421	.08480
#2	.01916	.04347	.01286	.01740	.05437	.10444	.08925
#3	.01579	.04226	.01226	.01531	.05406	.08276	.08277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00599	.00564	2.0144	.01118	.03185	.02130	.10366
Stddev	.00012	.00005	.0184	.00023	.00047	.00040	.00408
%RSD	2.0724	.88821	.91171	2.0130	1.4637	1.8919	3.9378

#1	.00602	.00570	2.0319	.01121	.03136	.02127	.10550
#2	.00609	.00560	1.9952	.01095	.03188	.02091	.10649
#3	.00585	.00562	2.0161	.01140	.03230	.02172	.09898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02200	2.1153	.04129	.01040	1.8677	.04342	.04394
Stddev	.00005	.0348	.00043	.00036	.0051	.00017	.00016
%RSD	.21632	1.6463	1.0380	3.4551	.27546	.39317	.36274

#1	.02194	2.0842	.04123	.01039	1.8663	.04347	.04399
#2	.02202	2.1089	.04175	.01005	1.8633	.04323	.04377
#3	.02203	2.1529	.04090	.01077	1.8734	.04357	.04407

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9558	.20077	.09448	F -.00037	.39176	.04043	.03992
Stddev	.0139	.00127	.00482	.00474	.00507	.00031	.00478
%RSD	.70872	.63072	5.1049	1298.0	1.2951	.77867	11.981

#1	1.9597	.20200	.09173	.00355	.39713	.04020	.04399
#2	1.9674	.20086	.09165	-.00563	.39112	.04029	.04111
#3	1.9405	.19947	.10004	.00099	.38705	.04079	.03465

Sample Name: LLCCV01 Acquired: 2/16/2019 12:30:22 Type: Unk
Method: P4-ICP2(v2867) 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 .01218	.0164	.01983	F 3.3578	F 1.8275
Stddev	.00146	.0010	.00015	.0293	1.2863
%RSD	11.948	6.203	.73934	.87266	70.388

#1	.01246	.0169	.01985	3.3830	1.1753
#2	.01061	.0153	.01997	3.3256	.99785
#3	.01348	.0172	.01968	3.3647	3.3092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.6	32148.	3291.2	14.538	3424.1
Stddev	4.1	56.	38.8	.551	4.3
%RSD	.12992	.17525	1.1780	3.7888	.12672

#1	3126.1	32156.	3257.9	14.109	3421.8
#2	3133.9	32199.	3333.7	15.159	3429.1
#3	3131.9	32088.	3281.9	14.345	3421.4

Sample Name: CCB01 Acquired: 2/16/2019 12:34:49 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00040	.00042	-.00350	-.00070	-.00424	-.01025	.00002
Stddev	.00259	.00114	.00044	.00120	.00096	.01314	.00928	.00010
%RSD	144.78	285.79	105.45	34.414	137.36	309.60	90.536	404.96
#1	-.00108	.00090	.00063	-.00436	-.00078	-.01809	.00047	.00014
#2	-.00466	-.00120	-.00009	-.00212	-.00160	-.00269	-.01554	-.00004
#3	.00037	-.00089	.00071	-.00402	.00030	.00805	-.01566	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00210	.00020	.00002	-.00023	-.00170	-.00000	.01301
Stddev	.00003	.00994	.00055	.00015	.00023	.00355	.00003	.04109
%RSD	156.86	472.81	274.15	796.91	99.685	208.18	1894.7	315.76
#1	-.00001	-.00493	-.00043	-.00005	-.00009	-.00469	-.00001	-.02363
#2	.00003	-.00224	.00043	.00019	-.00011	-.00264	.00003	.05743
#3	.00003	.01347	.00059	-.00009	-.00050	.00222	-.00003	.00523
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00052	-.19636	.00018	.00059	.02750	-.00004	.00112
Stddev	.00005	.00020	.00713	.00020	.00003	.02422	.00022	.00444
%RSD	123.67	38.994	3.6289	111.83	5.9097	88.069	605.31	397.08
#1	.00010	.00066	-.19854	.00039	.00056	.05437	-.00008	-.00099
#2	.00001	.00060	-.20215	.00013	.00062	.02078	-.00023	-.00188
#3	.00002	.00029	-.18840	.00000	.00058	.00735	.00020	.00622
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00090	.00013	.00088	-.00795	-.0015	.00012	F 3.1712
Stddev	.00598	.00136	.00049	.00145	.00203	.0008	.00002	.0982
%RSD	1018.4	150.93	383.98	165.69	25.517	55.92	17.420	3.0958
#1	.00432	.00057	.00004	-.00051	-.00693	-.0025	.00013	3.0854
#2	-.00631	-.00116	-.00032	.00075	-.00664	-.0008	.00014	3.2783
#3	.00375	-.00212	.00065	.00239	-.01029	-.0013	.00010	3.1499

Sample Name: CCB01 Acquired: 2/16/2019 12:34:49 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5992
Stddev	1.2611
%RSD	78.861

#1	.89851
#2	3.0551
#3	.84399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.4	32105.	3242.7	12.545	3463.5
Stddev	18.4	86.	15.2	1.244	16.0
%RSD	.58582	.26827	.46813	9.9162	.46310

#1	3168.8	32024.	3259.8	11.811	3480.0
#2	3132.9	32096.	3231.0	11.843	3448.0
#3	3143.6	32195.	3237.2	13.982	3462.5

Sample Name: LR CHECK 1 Acquired: 2/16/2019 12:39:02 Type: Unk
Method: P4-ICP2(v2867) 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	-.14891	-.12340	-.12158	-.68645	-.03025	2020.7	-.03086	.01949
Stddev	.01374	.00515	.00741	.01693	.00568	14.8	.00544	.00085
%RSD	9.2288	4.1761	6.0973	2.4658	18.787	.73196	17.631	4.3745

#1	-.13353	-.12759	-.11650	-.68540	-.03547	2003.7	-.02458	.02045
#2	-.15999	-.11765	-.11815	-.67007	-.02419	2027.5	-.03421	.01916
#3	-.15320	-.12497	-.13008	-.70387	-.03108	2030.9	-.03379	.01884

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06607	1716.1	-.04216	.09015	1.2165	827.99	-.01039	1823.3
Stddev	.00127	10.6	.00074	.00054	.0012	4.51	.00030	7.0
%RSD	1.9215	.61663	1.7548	.59631	.09522	.54495	2.9021	.38537

#1	.06577	1706.5	-.04288	.08967	1.2176	828.74	-.01005	1831.1
#2	.06746	1714.2	-.04140	.09006	1.2165	823.15	-.01049	1817.4
#3	.06498	1727.5	-.04221	.09073	1.2153	832.08	-.01063	1821.4

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02093	-.20262	1710.5	.01172	.24173	988.81	-.00698	-1.9144
Stddev	.00069	.00081	34.7	.00109	.00206	13.44	.00067	.0271
%RSD	3.3031	.40185	2.0297	9.2819	.85259	1.3587	9.6213	1.4140

#1	-.02172	-.20187	1747.0	.01092	.24041	1004.3	-.00701	-1.9438
#2	-.02060	-.20349	1706.5	.01296	.24410	980.16	-.00630	-1.9089
#3	-.02046	-.20250	1677.9	.01128	.24068	981.98	-.00764	-1.8905

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09872	-.01435	.06808	-.09463	.19948	.0767	-.89489	<.00000
Stddev	.10385	.00168	.00387	.00460	.00142	.0029	.00485	.09361
%RSD	105.19	11.730	5.6906	4.8600	.71385	3.771	.54211	69.353

#1	-.07331	-.01424	.06633	-.09168	.19784	.0780	-.89594	-.24261
#2	-.00994	-.01609	.07252	-.09993	.20027	.0734	-.88960	-.08976
#3	-.21291	-.01273	.06539	-.09229	.20033	.0788	-.89913	-.07256

Sample Name: LR CHECK 1 Acquired: 2/16/2019 12:39:02 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 7.7220
 %RSD .27223

#1 -2835.7
 #2 -2829.4
 #3 -2844.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.1	21979.	2888.6	13.084	1758.6
Stddev	9.9	64.	9.5	1.574	4.1
%RSD	.46023	.28900	.32799	12.033	.23193

#1	2146.1	22052.	2877.7	14.547	1758.4
#2	2165.7	21935.	2893.1	13.287	1762.8
#3	2153.5	21949.	2895.1	11.418	1754.7

Sample Name: LR CHECK 2 Acquired: 2/16/2019 12:44:06 Type: Unk
Method: P4-ICP2(v2867) 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	-.00747	-.00885	253.46	.03024	-.08067	-.25892	101.19	-.00143
Stddev	.00421	.00188	1.30	.00743	.00134	.00677	.63	.00010
%RSD	56.303	21.260	.51308	24.574	1.6628	2.6142	.62505	6.8203

#1	-.00347	-.00936	252.59	.02521	-.08059	-.25129	100.77	-.00153
#2	-.00709	-.01042	252.83	.02674	-.08205	-.26124	101.92	-.00139
#3	-.01185	-.00676	254.95	.03878	-.07937	-.26422	100.88	-.00135

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01242	.27302	-.13951	-.00013	234.40	-.72826	46.571	-.09799
Stddev	.00014	.02662	.00056	.00020	1.26	.00784	.389	.07159
%RSD	1.1161	9.7492	.39874	158.58	.53689	1.0768	.83514	73.056

#1	-.01255	.30092	-.13944	.00004	235.80	-.73716	46.981	-.02805
#2	-.01227	.24791	-.13900	-.00007	233.38	-.72528	46.525	-.17112
#3	-.01244	.27023	-.14010	-.00035	234.01	-.72234	46.207	-.09480

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.663	.00752	1.6444	-.18310	38.162	1.5928	-.00607	-.00249
Stddev	.105	.00071	.1028	.00263	.162	.1779	.00013	.00981
%RSD	.20001	9.4647	6.2524	1.4349	.42323	11.168	2.1285	394.43

#1	52.580	.00670	1.7362	-.18087	38.011	1.7875	-.00595	-.00332
#2	52.628	.00797	1.6638	-.18600	38.332	1.5524	-.00621	-.01186
#3	52.782	.00788	1.5333	-.18244	38.143	1.4386	-.00604	.00772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04475	-.00549	.00354	.01145	-.00577	.1518	.00253	3.9125
Stddev	.01408	.00074	.00083	.00239	.00219	.0014	.00011	.1412
%RSD	31.468	13.553	23.365	20.912	37.943	.9468	4.4294	3.6097

#1	-.06100	-.00558	.00313	.01147	-.00685	.1535	.00266	4.0088
#2	-.03648	-.00618	.00299	.00905	-.00325	.1509	.00245	3.7504
#3	-.03675	-.00470	.00449	.01384	-.00720	.1511	.00248	3.9783

Sample Name: LR CHECK 2 Acquired: 2/16/2019 12:44:06 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	26.703
Stddev	.412
%RSD	1.5431

#1	27.130
#2	26.307
#3	26.672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.7	31813.	3280.5	11.524	3167.5
Stddev	11.5	66.	14.9	.845	7.1
%RSD	.43716	.20589	.45433	7.3286	.22264

#1	2612.9	31752.	3295.5	12.327	3173.4
#2	2635.8	31882.	3265.6	10.643	3169.4
#3	2625.5	31804.	3280.5	11.602	3159.7

Sample Name: K1346-07 Acquired: 2/16/2019 12:48:38 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01963	-.11523	.31483	-.03293	-.00831	120.94	.60239
Stddev	.00126	.00058	.00128	.00134	.00183	.47	.00950
%RSD	6.4418	.50052	.40764	4.0766	22.009	.38534	1.5763

#1	.02101	-.11466	.31342	-.03156	-.00959	120.40	.61329
#2	.01935	-.11581	.31592	-.03298	-.00621	121.19	.59793
#3	.01852	-.11523	.31514	-.03424	-.00912	121.23	.59594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00481	-.00445	70.749	.17809	.11628	.22330	173.10
Stddev	.00006	.00031	.447	.00197	.00018	.00055	1.48
%RSD	1.2773	7.0827	.63160	1.1061	.15524	.24478	.85408

#1	.00476	-.00474	71.251	.17587	.11648	.22270	174.80
#2	.00488	-.00449	70.393	.17964	.11624	.22343	172.14
#3	.00480	-.00411	70.604	.17876	.11613	.22377	172.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2768	55.245	.17340	-.00873	5.8358	.29498	.57296
Stddev	.0053	.563	.00052	.00033	.0562	.00143	.00272
%RSD	.16123	1.0188	.29861	3.7874	.96347	.48313	.47403

#1	3.2708	55.615	.17281	-.00846	5.8986	.29408	.57284
#2	3.2788	54.597	.17358	-.00910	5.7901	.29662	.57030
#3	3.2807	55.522	.17379	-.00862	5.8186	.29423	.57573

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.804	.01089	-.05592	F 10.137	2.0253	.02405	5.5145
Stddev	.170	.00006	.00391	.030	.0066	.00075	.0022
%RSD	.78145	.53484	6.9875	.30057	.32820	3.1245	.04001

#1	21.995	.01082	-.05413	10.145	2.0311	.02475	5.5144
#2	21.669	.01093	-.05322	10.162	2.0266	.02415	5.5124
#3	21.746	.01092	-.06040	10.103	2.0181	.02325	5.5168

Sample Name: K1346-07 Acquired: 2/16/2019 12:48:38 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21049	7.484	-.05904	<.00000	F<.00000
Stddev	.00032	.014	.00219	.09299	4.4848
%RSD	.15145	.1833	3.7121	191.21	.99352
#1	.21055	7.486	-.06150	-.02186	-446.57
#2	.21077	7.470	-.05729	-.15207	-455.42
#3	.21014	7.497	-.05834	.02804	-452.23
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.7	39213.	4329.6	14.626	3044.9
Stddev	4.0	21.	45.1	1.401	9.4
%RSD	.10507	.05364	1.0414	9.5820	.31027
#1	3810.0	39237.	4279.7	16.040	3050.2
#2	3802.2	39200.	4367.5	13.238	3050.4
#3	3804.8	39202.	4341.5	14.599	3034.0

Sample Name: K1346-07DUP Acquired: 2/16/2019 12:53:04 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01804	-.11468	.26316	-.03366	-.01033	121.37	.57558
Stddev	.00157	.00178	.00179	.00133	.00157	.40	.00576
%RSD	8.6903	1.5500	.67934	3.9625	15.164	.33331	1.0014

#1	.01646	-.11430	.26139	-.03345	-.01207	120.90	.57523
#2	.01806	-.11662	.26313	-.03244	-.00903	121.60	.58151
#3	.01960	-.11313	.26497	-.03509	-.00987	121.61	.57000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00495	-.00440	70.091	.17133	.12168	.21737	174.74
Stddev	.00014	.00028	.239	.00156	.00034	.00135	1.16
%RSD	2.8798	6.2564	.34131	.90912	.27612	.62204	.66380

#1	.00509	-.00472	69.979	.17299	.12183	.21871	175.95
#2	.00481	-.00430	70.365	.17108	.12191	.21600	174.62
#3	.00495	-.00420	69.928	.16991	.12129	.21739	173.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1106	57.047	.18390	-.00855	5.6208	.28448	.57641
Stddev	.0099	.274	.00087	.00055	.0245	.00127	.00175
%RSD	.31721	.48002	.47330	6.4190	.43511	.44675	.30356

#1	3.1097	56.763	.18489	-.00794	5.6149	.28567	.57452
#2	3.1209	57.309	.18323	-.00867	5.6476	.28463	.57798
#3	3.1012	57.070	.18358	-.00902	5.5997	.28314	.57672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.506	.01422	-.05511	F 12.732	1.9902	.02306	5.5632
Stddev	.135	.00034	.00852	.049	.0282	.00141	.0298
%RSD	.59888	2.3754	15.467	.38796	1.4160	6.1080	.53566

#1	22.652	.01436	-.04528	12.788	2.0140	.02191	5.5364
#2	22.481	.01383	-.05958	12.694	1.9974	.02265	5.5580
#3	22.386	.01446	-.06047	12.715	1.9591	.02463	5.5953

Sample Name: K1346-07DUP Acquired: 2/16/2019 12:53:04 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21363	7.309	-.06325	<.00000	F<.00000
Stddev	.00098	.008	.00143	.16437	3.6994
%RSD	.45770	.1144	2.2567	65.048	.80127

#1	.21253	7.313	-.06487	-.44003	-465.13
#2	.21440	7.314	-.06275	-.18536	-462.17
#3	.21395	7.299	-.06215	-.13267	-457.78

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3775.3	39244.	4298.3	15.020	2992.6
Stddev	2.8	137.	32.3	.605	7.0
%RSD	.07507	.34794	.75175	4.0311	.23463

#1	3772.2	39117.	4264.4	15.634	2996.4
#2	3777.8	39227.	4301.9	14.424	2984.5
#3	3775.8	39388.	4328.7	15.003	2997.0

Sample Name: K1346-07LX5 Acquired: 2/16/2019 12:57:29 Type: Unk
Method: P4-ICP2(v2867) 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	.00534	-.02479	.05700	-.00836	-.00327	30.084	.13279
Stddev	.00203	.00026	.00053	.00287	.00106	.300	.00670
%RSD	37.961	1.0413	.92330	34.356	32.461	.99867	5.0457

#1	.00669	-.02472	.05755	-.00505	-.00300	29.864	.14040
#2	.00301	-.02507	.05650	-.01024	-.00444	29.962	.13016
#3	.00631	-.02457	.05695	-.00978	-.00237	30.427	.12780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00297	18.456	.04449	.02479	.05643	52.504
Stddev	.00015	.00007	.052	.00020	.00019	.00069	.311
%RSD	14.569	2.5223	.28402	.44269	.75787	1.2263	.59244

#1	.00119	-.00300	18.496	.04442	.02460	.05720	52.858
#2	.00089	-.00303	18.397	.04471	.02497	.05622	52.276
#3	.00106	-.00289	18.475	.04433	.02481	.05586	52.377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82924	14.921	.03694	-.00085	1.5305	.07357	.11467
Stddev	.00318	.108	.00015	.00045	.0049	.00052	.00043
%RSD	.38356	.72598	.40720	52.638	.32266	.70960	.37902

#1	.83194	14.799	.03693	-.00051	1.5275	.07404	.11438
#2	.82573	14.961	.03709	-.00068	1.5362	.07301	.11517
#3	.83004	15.004	.03679	-.00136	1.5278	.07367	.11446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9407	.00305	-.00512	2.4132	.53453	.00594	1.4307
Stddev	.0867	.00020	.00454	.0437	.01037	.00018	.0059
%RSD	1.4596	6.6376	88.683	1.8107	1.9409	3.0829	.41247

#1	5.8741	.00313	-.00428	2.4156	.54649	.00591	1.4241
#2	6.0387	.00282	-.00105	2.4556	.52805	.00578	1.4326
#3	5.9093	.00320	-.01001	2.3684	.52904	.00614	1.4354

Sample Name: K1346-07LX5 Acquired: 2/16/2019 12:57:29 Type: Unk
 Method: P4-ICP2(v2867) 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	.05561	1.497	-.02428	2.7358	F<.00000
Stddev	.00136	.007	.00048	.2249	.52165
%RSD	2.4463	.4793	1.9834	8.2221	.55965

#1	.05569	1.505	-.02463	2.6376	-93.630
#2	.05421	1.494	-.02373	2.5767	-93.373
#3	.05693	1.491	-.02449	2.9931	-92.626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.3	33499.	3528.6	15.055	3252.8
Stddev	5.7	157.	18.7	1.701	2.6
%RSD	.17435	.46861	.52868	11.297	.07978

#1	3260.4	33422.	3507.2	14.100	3251.5
#2	3264.3	33680.	3541.5	17.018	3255.8
#3	3253.1	33396.	3537.1	14.045	3251.1

Sample Name: K1346-07MS Acquired: 2/16/2019 13:01:47 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69918	1.9424	1.2099	1.6574	.14855	119.64	.66951
Stddev	.00495	.0029	.0023	.0047	.00236	1.47	.01736
%RSD	.70800	.14743	.19337	.28133	1.5854	1.2256	2.5933

#1	.70032	1.9443	1.2075	1.6607	.14583	118.07	.67839
#2	.70347	1.9391	1.2101	1.6520	.15001	119.87	.68064
#3	.69376	1.9438	1.2121	1.6594	.14980	120.98	.64951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17479	.19815	80.428	.54744	.32016	.59184	158.18
Stddev	.00099	.00030	.715	.00106	.00026	.00120	2.27
%RSD	.56545	.14888	.88842	.19375	.08053	.20350	1.4332

#1	.17432	.19783	80.557	.54832	.31988	.59104	158.80
#2	.17411	.19822	81.070	.54775	.32039	.59125	160.07
#3	.17592	.19841	79.658	.54626	.32021	.59322	155.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7246	57.713	.68245	.05549	7.9833	.52996	.77481
Stddev	.0060	.434	.00084	.00047	.0719	.00145	.00172
%RSD	.22217	.75255	.12350	.84071	.90038	.27299	.22195

#1	2.7204	57.681	.68148	.05496	7.9998	.52840	.77294
#2	2.7219	58.163	.68301	.05569	8.0455	.53023	.77632
#3	2.7315	57.296	.68286	.05582	7.9046	.53125	.77516

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.656	.33798	.17344	F 11.766	1.4079	.71540	5.6218
Stddev	.385	.00107	.00487	.065	.0311	.00133	.0300
%RSD	1.2556	.31683	2.8092	.55181	2.2051	.18529	.53382

#1	30.829	.33710	.16785	11.836	1.4343	.71632	5.5995
#2	30.923	.33917	.17676	11.707	1.4158	.71599	5.6559
#3	30.215	.33767	.17571	11.757	1.3737	.71388	5.6099

Sample Name: K1346-07MS Acquired: 2/16/2019 13:01:47 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38371	F 13.23	.13482	1.1214	F<.00000
Stddev	.00163	.03	.00063	.0518	1.6005
%RSD	.42484	.2617	.46876	4.6171	.41052
#1	.38336	13.19	.13460	1.0690	-391.72
#2	.38549	13.25	.13553	1.1227	-388.83
#3	.38229	13.24	.13433	1.1725	-389.09
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.2	37156.	4096.9	14.651	2994.5
Stddev	7.4	56.	73.9	1.053	5.8
%RSD	.20733	.14943	1.8032	7.1886	.19490
#1	3588.0	37197.	4040.8	15.584	2993.0
#2	3580.9	37178.	4069.3	13.509	2989.6
#3	3595.7	37093.	4180.6	14.861	3001.0

Sample Name: K1346-07MSD Acquired: 2/16/2019 13:06:05 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70089	1.9507	1.2140	1.6679	.14812	121.54	.67855
Stddev	.00329	.0066	.0040	.0096	.00095	.48	.00571
%RSD	.46883	.33666	.32896	.57626	.64029	.39477	.84205

#1	.69732	1.9575	1.2180	1.6593	.14717	121.01	.68223
#2	.70156	1.9504	1.2140	1.6661	.14907	121.68	.68146
#3	.70379	1.9443	1.2100	1.6783	.14813	121.94	.67197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17761	.19854	83.114	.55252	.31907	.57899	161.62
Stddev	.00038	.00024	.419	.00199	.00111	.00380	2.75
%RSD	.21451	.11929	.50389	.36093	.34940	.65572	1.7011

#1	.17752	.19849	83.347	.55313	.31979	.57485	163.61
#2	.17803	.19880	83.364	.55414	.31964	.57981	162.77
#3	.17728	.19833	82.630	.55029	.31779	.58230	158.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7606	58.753	.68044	.05691	8.0843	.53453	.78283
Stddev	.0053	.360	.00229	.00094	.0353	.00250	.00243
%RSD	.19235	.61253	.33679	1.6534	.43687	.46748	.30993

#1	2.7566	59.144	.68213	.05759	8.0975	.53601	.78232
#2	2.7666	58.679	.68137	.05730	8.1111	.53594	.78547
#3	2.7585	58.436	.67783	.05583	8.0443	.53165	.78070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.969	.33988	.17618	F 11.183	1.4215	.72151	5.7270
Stddev	.233	.00181	.00673	.022	.0226	.00327	.0026
%RSD	.75297	.53306	3.8211	.19419	1.5906	.45338	.04476

#1	31.178	.33801	.17275	11.169	1.4445	.72427	5.7242
#2	31.013	.34000	.17185	11.208	1.4207	.72238	5.7274
#3	30.717	.34163	.18393	11.172	1.3993	.71790	5.7293

Sample Name: K1346-07MSD Acquired: 2/16/2019 13:06:05 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39065	F 13.26	.13337	1.4146	F<.00000
Stddev	.00446	.05	.00178	.0782	3.8898
%RSD	1.1423	.3989	1.3382	5.5251	.99984
#1	.39308	13.27	.13156	1.4442	-391.62
#2	.39338	13.30	.13341	1.4736	-390.94
#3	.38550	13.20	.13513	1.3260	-384.57
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.6	36749.	4036.5	12.988	2976.8
Stddev	21.1	33.	36.8	.152	12.0
%RSD	.59286	.09071	.91060	1.1714	.40473
#1	3588.9	36781.	4007.4	13.001	2976.5
#2	3551.1	36714.	4024.3	13.132	2964.9
#3	3553.6	36751.	4077.8	12.829	2989.0

Sample Name: K1346-07A Acquired: 2/16/2019 13:10:17 Type: Unk
Method: P4-ICP2(v2867) 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	.69741	1.9468	1.2081	1.6588	.14761	120.02	.70253
Stddev	.00136	.0045	.0026	.0046	.00206	.64	.03236
%RSD	.19441	.23327	.21521	.27925	1.3980	.53114	4.6066

#1	.69748	1.9505	1.2059	1.6635	.14878	119.40	.68720
#2	.69873	1.9481	1.2110	1.6585	.14523	119.99	.68068
#3	.69602	1.9417	1.2075	1.6543	.14883	120.67	.73971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17576	.19761	81.609	.55135	.32110	.60350	163.88
Stddev	.00070	.00084	2.732	.00418	.00078	.00111	4.82
%RSD	.39973	.42267	3.3483	.75734	.24261	.18452	2.9422

#1	.17530	.19758	80.013	.55119	.32189	.60378	163.00
#2	.17657	.19847	80.049	.55561	.32107	.60445	159.55
#3	.17541	.19680	84.764	.54726	.32033	.60228	169.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7241	59.666	.68439	.05662	8.1488	.53290	.75968
Stddev	.0089	2.366	.00191	.00114	.2474	.00159	.00169
%RSD	.32791	3.9662	.27859	2.0105	3.0355	.29754	.22244

#1	2.7318	58.118	.68650	.05717	8.0077	.53233	.75913
#2	2.7262	58.489	.68280	.05531	8.0043	.53469	.76157
#3	2.7143	62.390	.68387	.05738	8.4345	.53168	.75833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.402	.33906	.17186	F 12.251	1.4500	.71430	5.7261
Stddev	.909	.00048	.00291	.048	.0338	.00316	.1969
%RSD	2.8944	.14141	1.6915	.38832	2.3303	.44202	3.4381

#1	30.893	.33951	.17430	12.290	1.4353	.71789	5.5953
#2	30.862	.33912	.17265	12.266	1.4262	.71193	5.6305
#3	32.451	.33855	.16865	12.198	1.4887	.71309	5.9525

Sample Name: K1346-07A Acquired: 2/16/2019 13:10:17 Type: Unk
 Method: P4-ICP2(v2867) 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	.39118	F 13.21	.13962	1.2879	F<.00000
Stddev	.01333	.01	.00501	.0313	1.6553
%RSD	3.4071	.0825	3.5901	2.4318	.42126
#1	.38396	13.21	.13509	1.3041	-392.16
#2	.38302	13.19	.13877	1.2518	-394.85
#3	.40656	13.21	.14501	1.3079	-391.83
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.7	37022.	3983.0	14.762	2991.5
Stddev	3.7	51.	109.2	1.696	7.1
%RSD	.10473	.13753	2.7427	11.492	.23730
#1	3579.5	36973.	4025.7	13.487	2998.9
#2	3572.0	37075.	4064.4	16.688	2984.7
#3	3575.6	37016.	3858.8	14.111	2991.0

Sample Name: PB117135BL Acquired: 2/16/2019 13:14:33 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117135BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00140	.00194	-.00076	-.00110	.00208	-.02235
Stddev	.00147	.00035	.00120	.00235	.00095	.02101	.00491
%RSD	94.763	24.726	61.805	311.23	86.682	1009.2	21.964

#1	-.00046	-.00110	.00317	.00192	-.00083	-.02172	-.01820
#2	-.00097	-.00132	.00077	-.00251	-.00216	.01804	-.02777
#3	-.00322	-.00177	.00189	-.00167	-.00031	.00992	-.02109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00008	.00095	.00062	-.00010	.00001	-.00103
Stddev	.00005	.00009	.00570	.00029	.00012	.00047	.00257
%RSD	229.58	123.21	598.46	47.009	115.18	7099.3	248.69

#1	.00005	-.00003	.00112	.00081	.00003	-.00032	.00193
#2	.00005	.00016	.00657	.00028	-.00013	-.00021	-.00246
#3	-.00004	.00010	-.00483	.00077	-.00020	.00055	-.00257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.04346	-.00004	.00081	-.07339	.00022	.00043
Stddev	.00002	.06868	.00027	.00031	.01548	.00057	.00013
%RSD	86.907	158.03	654.25	38.254	21.090	255.12	31.450

#1	.00001	-.01474	.00005	.00046	-.05974	.00061	.00037
#2	.00001	.02591	-.00035	.00105	-.09021	.00049	.00058
#3	.00005	.11921	.00017	.00092	-.07022	-.00043	.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31506	-.00017	-.00572	.00103	-.00326	.00031	.00059
Stddev	.05243	.00022	.00914	.01782	.00156	.00039	.00189
%RSD	16.640	124.37	159.85	1734.4	47.826	123.55	320.20

#1	.32002	-.00012	-.00876	-.00714	-.00423	.00030	.00168
#2	.36483	-.00041	-.01294	.02146	-.00146	-.00007	-.00160
#3	.26033	.00001	.00455	-.01124	-.00408	.00070	.00169

Sample Name: PB117135BL Acquired: 2/16/2019 13:14:33 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117135BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01001	-.0009	.00009	F 3.5946	F 1.1241
Stddev	.00287	.0004	.00006	.0654	.3703
%RSD	28.686	51.02	68.987	1.8206	32.936

#1	-.01051	-.0010	.00004	3.6314	.78490
#2	-.01261	-.0004	.00006	3.5190	1.5191
#3	-.00693	-.0012	.00016	3.6333	1.0684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.2	31705.	3359.7	14.254	3412.0
Stddev	10.7	77.	122.1	1.149	9.7
%RSD	.34888	.24362	3.6351	8.0601	.28300

#1	3075.9	31626.	3270.3	14.259	3406.2
#2	3072.3	31709.	3498.9	15.400	3406.7
#3	3092.4	31781.	3310.0	13.102	3423.2

Sample Name: PB117135BS Acquired: 2/16/2019 13:19:00 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117135BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82867	2.1191	1.0216	2.0922	.86269	2.1670	.18251
Stddev	.00282	.0035	.0004	.0029	.00036	.0298	.00351
%RSD	.33970	.16723	.04414	.13767	.04162	1.3744	1.9205

#1	.82855	2.1184	1.0216	2.0909	.86228	2.1357	.18654
#2	.82591	2.1159	1.0220	2.0901	.86285	2.1950	.18021
#3	.83154	2.1229	1.0211	2.0955	.86294	2.1703	.18077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20668	.20091	1.0584	.44692	.21144	.33389	3.2873
Stddev	.00096	.00014	.0170	.00134	.00009	.00035	.0255
%RSD	.46241	.06866	1.6054	.29946	.04161	.10381	.77572

#1	.20558	.20093	1.0388	.44557	.21135	.33349	3.3166
#2	.20710	.20104	1.0695	.44825	.21153	.33406	3.2708
#3	.20735	.20077	1.0668	.44693	.21145	.33413	3.2744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22614	2.1472	.51395	.07694	3.1370	.33046	.20126
Stddev	.00093	.1132	.00049	.00060	.0179	.00084	.00020
%RSD	.41220	5.2710	.09581	.78151	.57085	.25448	.09821

#1	.22509	2.0170	.51358	.07705	3.1294	.33092	.20149
#2	.22647	2.2227	.51375	.07748	3.1574	.32949	.20118
#3	.22687	2.2018	.51451	.07630	3.1241	.33097	.20112

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9773	.42845	.30718	F 1.1982	.89675	.71036	.21344
Stddev	.0385	.00110	.00095	.0149	.01221	.00102	.00271
%RSD	.38567	.25763	.31064	1.2432	1.3621	.14423	1.2682

#1	10.018	.42722	.30782	1.2141	.90368	.70932	.21063
#2	9.9409	.42934	.30764	1.1846	.90392	.71037	.21366
#3	9.9735	.42879	.30608	1.1959	.88264	.71137	.21603

Sample Name: PB117135BS Acquired: 2/16/2019 13:19:00 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117135BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21001	5.658	.21000	F 3.9521	F<.00000
Stddev	.00179	.004	.00070	.1092	.29980
%RSD	.85174	.0738	.33284	2.7640	2.8682
#1	.20922	5.658	.20926	4.0703	-10.164
#2	.20874	5.662	.21065	3.8549	-10.762
#3	.21205	5.654	.21009	3.9311	-10.432
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.7	31662.	3323.3	13.782	3373.2
Stddev	9.5	98.	43.7	.808	5.3
%RSD	.30870	.30949	1.3162	5.8642	.15745
#1	3091.2	31573.	3273.9	13.500	3377.1
#2	3078.2	31646.	3339.1	13.152	3375.4
#3	3072.7	31767.	3357.0	14.693	3367.2

Sample Name: CCV02 Acquired: 2/16/2019 13:23:06 Type: Unk
Method: P4-ICP2(v2867) 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	5.3219	5.2173	5.1583	5.3072	5.3857	10.852	9.8561	.26228
Stddev	.0381	.0205	.0278	.0233	.0332	.146	.0355	.00088
%RSD	.71579	.39358	.53956	.43812	.61632	1.3440	.36041	.33425
#1	5.3568	5.2244	5.1775	5.3193	5.3957	10.737	9.8238	.26324
#2	5.3276	5.2333	5.1709	5.3218	5.4127	10.803	9.8941	.26153
#3	5.2813	5.1941	5.1264	5.2804	5.3486	11.016	9.8504	.26208
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5877	25.755	1.0881	2.6433	1.3191	5.1435	2.7240	25.468
Stddev	.0124	.176	.0032	.0151	.0062	.0363	.0080	.178
%RSD	.48015	.68178	.29182	.57247	.46803	.70522	.29320	.70055
#1	2.5966	25.567	1.0894	2.6526	1.3236	5.1719	2.7276	25.303
#2	2.5930	25.915	1.0845	2.6515	1.3216	5.1560	2.7148	25.657
#3	2.5735	25.783	1.0904	2.6258	1.3120	5.1026	2.7295	25.445
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5827	1.3133	25.571	2.7078	2.5994	23.794	5.1468	4.9524
Stddev	.0151	.0060	.091	.0070	.0120	.056	.0176	.0411
%RSD	.58372	.45443	.35491	.25714	.46206	.23714	.34111	.83069
#1	2.5932	1.3158	25.544	2.7154	2.6063	23.801	5.1621	4.9237
#2	2.5896	1.3065	25.673	2.7016	2.6065	23.846	5.1508	4.9996
#3	2.5655	1.3176	25.498	2.7064	2.5856	23.734	5.1276	4.9340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1026	4.7073	5.0052	5.1186	5.0894	5.123	5.2395	F 4.4998
Stddev	.0107	.0244	.0313	.0269	.0214	.009	.0176	.0401
%RSD	.20865	.51907	.62625	.52538	.42096	.1712	.33613	.88992
#1	5.1149	4.7305	5.0179	5.0883	5.0707	5.131	5.2233	4.4592
#2	5.0957	4.7097	5.0281	5.1277	5.1128	5.125	5.2582	4.5393
#3	5.0973	4.6818	4.9694	5.1398	5.0847	5.113	5.2369	4.5010

Sample Name: CCV02 Acquired: 2/16/2019 13:23:06 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3395
Stddev .9668
%RSD 41.326

#1 2.6796
#2 1.2486
#3 3.0904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.7	30595.	3302.4	12.437	3082.5
Stddev	9.3	57.	23.3	.290	12.3
%RSD	.31037	.18675	.70598	2.3324	.39921

#1	2975.0	30557.	3287.8	12.219	3074.5
#2	2977.9	30661.	3290.1	12.326	3076.4
#3	2992.3	30567.	3329.3	12.766	3096.7

Sample Name: CCB02 Acquired: 2/16/2019 13:27:05 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00021	.00072	.00055	.00075	.00167	-.02453
Stddev	.00366	.00092	.00060	.00427	.00050	.00257	.00906
%RSD	131.19	433.86	84.324	769.48	65.991	154.00	36.927

#1	.00082	-.00123	.00011	.00203	.00027	-.00045	-.02151
#2	-.00649	.00001	.00073	-.00425	.00073	.00092	-.03471
#3	-.00270	.00058	.00131	.00389	.00126	.00454	-.01737

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00012	-.02165	.00023	-.00001	-.00045	-.00048
Stddev	.00007	.00009	.00846	.00016	.00008	.00053	.00032
%RSD	189.26	78.164	39.081	71.353	586.03	119.36	65.662

#1	-.00011	.00007	-.01399	.00030	.00004	-.00034	-.00072
#2	.00001	.00022	-.03073	.00035	.00002	-.00102	-.00012
#3	-.00000	.00006	-.02022	.00004	-.00011	.00003	-.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.04847	.00021	.00056	-.12875	-.00006	.00018
Stddev	.00002	.05412	.00018	.00033	.01174	.00024	.00017
%RSD	30.572	111.65	84.577	59.544	9.1185	380.62	94.462

#1	.00009	-.00469	.00005	.00034	-.12757	-.00033	.00005
#2	.00005	-.10898	.00040	.00040	-.11765	-.00001	.00037
#3	.00006	-.03174	.00018	.00094	-.14104	.00015	.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21863	-.00006	-.00182	F -.01867	-.00024	.00051	-.00149
Stddev	.05163	.00020	.00392	.00638	.00119	.00043	.00260
%RSD	23.616	353.16	215.40	34.141	501.64	84.371	174.55

#1	.20870	-.00025	-.00605	-.02140	-.00082	.00048	-.00370
#2	.27450	.00014	-.00110	-.01139	.00113	.00095	.00138
#3	.17268	-.00005	.00169	-.02323	-.00102	.00009	-.00215

Sample Name: CCB02 Acquired: 2/16/2019 13:27:05 Type: Unk
 Method: P4-ICP2(v2867) 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	-.00565	-.0019	.00015	F 3.7301	F .99966
Stddev	.00327	.0015	.00002	.2867	.65435
%RSD	57.859	78.99	11.663	7.6869	65.457
#1	-.00289	-.0027	.00015	3.9141	1.7476
#2	-.00926	-.0028	.00017	3.3997	.71884
#3	-.00480	-.0002	.00013	3.8765	.53260
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.3	31491.	3299.1	13.769	3393.8
Stddev	7.1	52.	46.3	1.694	4.6
%RSD	.23169	.16663	1.4035	12.306	.13547
#1	3052.0	31481.	3305.7	13.995	3388.8
#2	3066.2	31548.	3341.8	11.973	3394.7
#3	3059.6	31445.	3249.9	15.339	3397.9

Sample Name: PB117154BL Acquired: 2/16/2019 13:31:33 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117154BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00422	-.00061	.00035	-.00010	-.00074	-.00634	-.02132
Stddev	.00145	.00081	.00041	.00457	.00170	.00499	.00435
%RSD	34.496	134.35	118.23	4748.8	227.92	78.726	20.392

#1	-.00308	-.00101	-.00002	.00330	-.00014	-.00488	-.01914
#2	-.00372	-.00114	.00079	.00170	.00057	-.01191	-.02633
#3	-.00586	.00033	.00027	-.00529	-.00266	-.00224	-.01850

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	.01356	.00024	.00019	-.00035	-.00068
Stddev	.00007	.00008	.00755	.00014	.00016	.00047	.00094
%RSD	1216.9	122.54	55.659	59.648	85.411	134.07	137.44

#1	.00008	.00002	.00676	.00025	.00011	.00019	-.00134
#2	-.00005	.00002	.01224	.00038	.00038	-.00066	.00039
#3	-.00001	.00016	.02168	.00009	.00008	-.00058	-.00109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.04419	.00008	.00067	-.15318	.00017	.00002
Stddev	.00005	.07055	.00018	.00039	.00605	.00016	.00004
%RSD	130.25	159.66	229.32	57.918	3.9524	90.718	196.60

#1	.00006	.11531	.00016	.00034	-.15824	.00022	-.00001
#2	-.00002	-.02578	.00020	.00058	-.15482	.00031	.00001
#3	.00008	.04304	-.00013	.00110	-.14647	-.00000	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23355	-.00000	-.00366	F -.03072	-.00031	.00060	-.00251
Stddev	.01193	.00031	.01016	.01024	.00130	.00075	.00302
%RSD	5.1084	34398.	277.28	33.331	417.47	125.17	120.36

#1	.23693	.00018	-.00034	-.02072	-.00138	.00110	-.00492
#2	.24343	-.00036	.00442	-.03026	.00113	-.00027	-.00348
#3	.22030	.00018	-.01507	-.04118	-.00068	.00098	.00088

Sample Name: PB117154BL Acquired: 2/16/2019 13:31:33 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117154BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00661	-0.0008	.00016	F 3.9183	F 1.6857
Stddev	.00364	.0004	.00008	.1816	.8330
%RSD	55.136	48.30	51.746	4.6336	49.418

#1	-0.01062	-0.0008	.00020	3.7157	1.4495
#2	-0.00572	-0.0004	.00007	4.0662	2.6113
#3	-0.00349	-0.0012	.00022	3.9731	.99623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.9	31432.	3280.4	13.123	3380.6
Stddev	5.0	103.	9.2	1.482	3.7
%RSD	.16518	.32633	.28124	11.293	.11027

#1	3047.2	31506.	3270.6	12.459	3380.2
#2	3055.7	31315.	3288.9	12.089	3384.5
#3	3046.7	31475.	3281.8	14.820	3377.1

Sample Name: PB117154BS Acquired: 2/16/2019 13:36:01 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117154BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77907	1.9835	.95914	1.9573	.82295	2.0618	.16957
Stddev	.00361	.0104	.00196	.0024	.00341	.0337	.00350
%RSD	.46380	.52350	.20460	.12257	.41411	1.6365	2.0620

#1	.77848	1.9736	.96075	1.9581	.82534	2.0915	.16866
#2	.77579	1.9826	.95695	1.9546	.82447	2.0251	.17344
#3	.78295	1.9943	.95972	1.9592	.81905	2.0689	.16662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19143	.18835	1.0386	.42853	.20132	.31377	3.1136
Stddev	.00102	.00025	.0381	.00060	.00057	.00100	.0493
%RSD	.53362	.13073	3.6642	.13959	.28512	.32009	1.5831

#1	.19235	.18817	1.0010	.42845	.20077	.31261	3.0797
#2	.19160	.18826	1.0771	.42916	.20126	.31429	3.1702
#3	.19033	.18863	1.0376	.42797	.20192	.31440	3.0910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21601	1.9992	.48774	.07250	2.9708	.31809	.18870
Stddev	.00045	.0677	.00131	.00117	.0319	.00166	.00004
%RSD	.20832	3.3863	.26928	1.6159	1.0725	.52266	.02138

#1	.21650	1.9305	.48675	.07384	2.9377	.31992	.18868
#2	.21592	2.0658	.48724	.07203	3.0013	.31765	.18868
#3	.21561	2.0014	.48923	.07164	2.9733	.31668	.18875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5471	.42149	.29682	F -.02736	.84354	.67016	.20334
Stddev	.0936	.00168	.01870	.01615	.02551	.00361	.00366
%RSD	.98052	.39909	6.2993	59.014	3.0246	.53901	1.7978

#1	9.4479	.42247	.28109	-.04550	.82881	.66976	.20092
#2	9.6339	.42246	.31750	-.01455	.87301	.66676	.20156
#3	9.5596	.41955	.29188	-.02204	.82882	.67395	.20755

Sample Name: PB117154BS Acquired: 2/16/2019 13:36:01 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB117154BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19774	5.243	.20281	F 3.7107	F<.00000
Stddev	.00168	.010	.00115	.2557	1.0322
%RSD	.84899	.1907	.56902	6.8914	10.205
#1	.19584	5.252	.20164	3.9875	-8.9958
#2	.19835	5.233	.20394	3.4832	-10.321
#3	.19902	5.245	.20284	3.6614	-11.029
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.7	32164.	3384.2	15.283	3420.7
Stddev	22.5	99.	51.2	1.089	24.3
%RSD	.72740	.30915	1.5123	7.1281	.71098
#1	3076.4	32049.	3418.2	14.934	3406.8
#2	3119.1	32230.	3325.4	16.505	3448.8
#3	3085.5	32211.	3409.1	14.411	3406.6

Sample Name: PB117154TB Acquired: 2/16/2019 13:40:09 Type: Unk
Method: P4-ICP2(v2867) 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	-.00580	-.00232	.00020	-.00027	-.00004	.00560	-.03606	-.00004
Stddev	.00280	.00121	.00078	.00149	.00148	.01137	.00349	.00009
%RSD	48.345	52.039	383.65	549.74	3307.3	202.91	9.6787	207.69

#1	-.00257	-.00293	-.00056	.00095	-.00168	-.00618	-.03825	.00002
#2	-.00726	-.00311	.00099	.00017	.00036	.00648	-.03789	-.00000
#3	-.00758	-.00093	.00017	-.00194	.00119	.01650	-.03204	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00748	.00146	-.00017	-.00005	-.00079	.00010	-.02567
Stddev	.00003	.00997	.00033	.00023	.00041	.00205	.00010	.02927
%RSD	19.074	133.40	22.669	136.25	757.75	259.74	105.39	114.03

#1	-.00013	.01888	.00146	-.00002	-.00048	-.00179	.00020	.00724
#2	-.00016	.00040	.00113	-.00043	.00034	.00157	.00008	-.04881
#3	-.00011	.00314	.00180	-.00005	-.00002	-.00214	.00000	-.03544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00290	F 311.23	-.00022	.00096	.44852	.00023	-.00045
Stddev	.00041	.00012	5.50	.00020	.00005	.03356	.00012	.00698
%RSD	18.802	4.1682	1.7675	91.841	4.8035	7.4821	53.023	1552.9

#1	.00265	.00280	305.04	-.00032	.00100	.41588	.00031	-.00684
#2	.00191	.00286	313.07	-.00034	.00091	.48293	.00009	-.00150
#3	.00196	.00303	315.58	.00001	.00095	.44676	.00029	.00699

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00448	.00653	.00006	-.00107	-.00517	-.0027	.00006	4.6413
Stddev	.02442	.00488	.00019	.00382	.00426	.0021	.00006	.1263
%RSD	545.57	74.683	294.32	356.60	82.548	77.16	108.88	2.7215

#1	-.03188	.01014	.00027	-.00073	-.00726	-.0003	.00001	4.7549
#2	.00349	.00098	.00002	.00257	-.00026	-.0042	.00003	4.5053
#3	.01497	.00848	-.00010	-.00505	-.00798	-.0036	.00013	4.6638

Sample Name: PB117154TB Acquired: 2/16/2019 13:40:09 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7896
Stddev	.8533
%RSD	22.516

#1	3.4419
#2	4.7618
#3	3.1651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.0	29733.	3298.1	14.381	3037.1
Stddev	4.1	140.	2.0	1.905	9.8
%RSD	.14036	.46999	.06054	13.243	.32149

#1	2905.3	29572.	3296.2	16.411	3045.0
#2	2897.5	29810.	3298.0	12.634	3026.2
#3	2903.3	29818.	3300.2	14.098	3040.2

Sample Name: K1346-09 Acquired: 2/16/2019 13:44:45 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04349	-.04154	.47908	-.03334	-.00575	127.15	1.7648
Stddev	.00091	.00176	.00226	.00218	.00225	.70	.0231
%RSD	2.0834	4.2409	.47122	6.5373	39.090	.55431	1.3061

#1	.04284	-.03957	.48088	-.03179	-.00684	126.34	1.7734
#2	.04312	-.04296	.47980	-.03583	-.00725	127.46	1.7823
#3	.04453	-.04208	.47655	-.03240	-.00317	127.64	1.7386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	-.00265	146.78	.21618	.09981	.33641	148.29
Stddev	.00012	.00042	1.45	.00162	.00011	.00236	1.94
%RSD	2.5863	15.939	.98508	.75133	.11350	.70052	1.3112

#1	.00465	-.00309	147.47	.21525	.09970	.33449	149.65
#2	.00462	-.00261	147.75	.21522	.09981	.33570	149.16
#3	.00443	-.00225	145.11	.21805	.09993	.33904	146.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3771	62.215	.18529	-.00266	7.9673	.30527	1.0706
Stddev	.0032	.741	.00034	.00034	.0919	.00267	.0019
%RSD	.09470	1.1902	.18517	12.920	1.1529	.87555	.17789

#1	3.3804	62.472	.18530	-.00241	8.0237	.30419	1.0725
#2	3.3767	62.793	.18563	-.00305	8.0169	.30330	1.0707
#3	3.3741	61.381	.18495	-.00252	7.8613	.30831	1.0687

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9335	.00279	-.03834	6.9218	1.2803	.11079	1.9637
Stddev	.0874	.00034	.00769	.0046	.0071	.00109	.0118
%RSD	.87967	12.054	20.070	.06641	.55415	.98827	.59931

#1	9.9752	.00240	-.03036	6.9254	1.2864	.10996	1.9533
#2	9.9921	.00294	-.04571	6.9234	1.2820	.11038	1.9765
#3	9.8330	.00302	-.03895	6.9167	1.2725	.11203	1.9613

Sample Name: K1346-09 Acquired: 2/16/2019 13:44:45 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13993	8.166	.31777	1.8261	F<.00000
Stddev	.00029	.010	.00358	.0471	1.6468
%RSD	.20760	.1257	1.1252	2.5806	.46490

#1	.13973	8.154	.31882	1.8347	-355.83
#2	.14026	8.171	.32071	1.8683	-352.54
#3	.13979	8.173	.31379	1.7752	-354.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.9	35322.	4013.7	14.045	2942.9
Stddev	16.1	61.	56.2	.407	1.5
%RSD	.47213	.17157	1.3993	2.9009	.05152

#1	3424.1	35353.	3978.9	13.626	2941.1
#2	3418.0	35253.	3983.7	14.067	2943.8
#3	3393.7	35362.	4078.5	14.440	2943.7

Sample Name: K1346-11 Acquired: 2/16/2019 13:49:01 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03084	-.07286	.28664	-.04289	-.00713	109.74	.69290
Stddev	.00131	.00146	.00051	.00410	.00091	.29	.00988
%RSD	4.2331	2.0088	.17678	9.5598	12.762	.26853	1.4258

#1	.03010	-.07245	.28719	-.04747	-.00633	109.85	.69832
#2	.03235	-.07449	.28655	-.03957	-.00812	109.96	.69888
#3	.03007	-.07165	.28619	-.04163	-.00695	109.40	.68149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	-.00137	446.59	.19771	.09529	.27527	162.11
Stddev	.00015	.00012	3.14	.00065	.00038	.00050	1.18
%RSD	3.9066	8.4104	.70324	.32749	.39705	.18058	.72702

#1	.00386	-.00150	447.25	.19840	.09499	.27470	163.27
#2	.00382	-.00127	449.35	.19761	.09571	.27553	162.15
#3	.00359	-.00135	443.17	.19711	.09515	.27559	160.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2379	126.21	.15094	-.00808	7.2126	.30327	1.0073
Stddev	.0060	.63	.00096	.00110	.0333	.00075	.0051
%RSD	.14149	.49695	.63358	13.662	.46165	.24755	.50808

#1	4.2444	126.45	.15188	-.00904	7.1908	.30390	1.0034
#2	4.2368	126.68	.14997	-.00833	7.2509	.30347	1.0054
#3	4.2325	125.50	.15096	-.00687	7.1959	.30244	1.0131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.544	.00507	-.06371	F 13.114	1.3438	.02485	3.6796
Stddev	.167	.00011	.01021	.065	.0210	.00075	.0046
%RSD	.95343	2.1555	16.026	.49386	1.5629	3.0178	.12566

#1	17.694	.00500	-.07240	13.080	1.3606	.02426	3.6781
#2	17.574	.00502	-.06627	13.188	1.3506	.02570	3.6758
#3	17.364	.00520	-.05246	13.073	1.3203	.02461	3.6847

Sample Name: K1346-11 Acquired: 2/16/2019 13:49:01 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18622	7.422	1.4807	2.6239	F<.00000
Stddev	.00049	.008	.0086	.0645	1.3147
%RSD	.26143	.1038	.58358	2.4596	.34401
#1	.18572	7.431	1.4839	2.6899	-382.19
#2	.18623	7.416	1.4874	2.5609	-380.84
#3	.18670	7.419	1.4710	2.6209	-383.47
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.9	33441.	3838.8	12.924	2703.6
Stddev	9.9	106.	30.1	.672	9.2
%RSD	.30654	.31645	.78476	5.2014	.34034
#1	3233.7	33352.	3815.3	12.152	2711.2
#2	3231.5	33413.	3828.3	13.378	2706.3
#3	3215.6	33558.	3872.7	13.242	2693.4

Sample Name: K1346-13 Acquired: 2/16/2019 13:53:08 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05670	-.07289	.29744	-.04338	-.00610	115.29	.76435
Stddev	.00568	.00102	.00218	.00232	.00163	.28	.01323
%RSD	10.019	1.3975	.73288	5.3596	26.741	.24661	1.7312

#1	.05137	-.07173	.29896	-.04606	-.00422	115.04	.74987
#2	.06268	-.07327	.29842	-.04220	-.00698	115.60	.76738
#3	.05605	-.07366	.29494	-.04189	-.00710	115.23	.77581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00484	.00034	669.01	.15765	.10647	.27518	149.27
Stddev	.00016	.00015	8.47	.00217	.00023	.00097	1.21
%RSD	3.2998	45.283	1.2661	1.3760	.21809	.35170	.81146

#1	.00466	.00051	659.28	.16004	.10652	.27480	147.99
#2	.00497	.00023	673.09	.15580	.10621	.27628	149.42
#3	.00488	.00027	674.67	.15712	.10667	.27446	150.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5581	306.34	.16179	-.00814	7.1997	.24075	1.6260
Stddev	.0190	4.20	.00074	.00111	.0905	.00375	.0073
%RSD	.28922	1.3724	.45954	13.576	1.2562	1.5568	.44743

#1	6.5599	301.52	.16265	-.00939	7.0955	.24507	1.6291
#2	6.5761	308.24	.16137	-.00730	7.2453	.23835	1.6312
#3	6.5383	309.26	.16136	-.00773	7.2582	.23883	1.6177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.918	.00811	-.06221	9.4828	1.4236	.02949	3.3479
Stddev	.141	.00015	.00565	.0114	.0099	.00124	.0177
%RSD	.88584	1.7991	9.0794	.12015	.69615	4.2120	.52746

#1	15.758	.00810	-.06529	9.4699	1.4287	.02882	3.3336
#2	15.973	.00826	-.05569	9.4915	1.4122	.02871	3.3426
#3	16.024	.00797	-.06564	9.4869	1.4299	.03092	3.3677

Sample Name: K1346-13 Acquired: 2/16/2019 13:53:08 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24736	8.584	1.1251	2.5013	F<.00000
Stddev	.00216	.014	.0133	.1313	6.0739
%RSD	.87183	.1674	1.1774	5.2507	1.6649
#1	.24499	8.569	1.1098	2.3662	-369.96
#2	.24791	8.584	1.1331	2.6285	-358.12
#3	.24919	8.598	1.1323	2.5093	-366.36
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.5	33164.	3903.6	12.310	2565.3
Stddev	11.1	96.	31.3	.204	5.0
%RSD	.34402	.29014	.80094	1.6603	.19319
#1	3209.3	33088.	3939.3	12.467	2560.5
#2	3208.8	33132.	3890.2	12.383	2565.0
#3	3228.2	33273.	3881.2	12.079	2570.4

Sample Name: K1346-15 Acquired: 2/16/2019 13:57:25 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01959	-.08125	.32447	-.03635	-.00901	124.82	.48529
Stddev	.00162	.00256	.00030	.00251	.00058	.20	.00959
%RSD	8.2879	3.1553	.09273	6.9016	6.4086	.15977	1.9768

#1	.02134	-.08263	.32424	-.03378	-.00834	125.05	.49591
#2	.01814	-.08284	.32436	-.03649	-.00939	124.75	.47727
#3	.01928	-.07829	.32481	-.03879	-.00929	124.67	.48268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	-.00438	104.73	.15971	.11044	.28069	163.96
Stddev	.00007	.00017	.80	.00064	.00074	.00022	1.86
%RSD	1.8008	3.8474	.75968	.40203	.67269	.07946	1.1323

#1	.00395	-.00458	105.42	.16041	.11130	.28043	165.92
#2	.00407	-.00428	103.86	.15957	.11004	.28083	162.23
#3	.00394	-.00429	104.91	.15914	.10998	.28080	163.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2653	58.751	.16121	-.00671	5.6617	.28466	.63222
Stddev	.0118	.407	.00056	.00024	.0608	.00150	.00190
%RSD	.27627	.69273	.35018	3.6231	1.0738	.52780	.30108

#1	4.2752	59.144	.16072	-.00647	5.7254	.28602	.63403
#2	4.2686	58.331	.16183	-.00696	5.6044	.28491	.63239
#3	4.2523	58.777	.16109	-.00668	5.6553	.28305	.63024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.801	.00208	-.03281	7.3765	1.3883	.01982	4.2588
Stddev	.151	.00028	.00334	.0332	.0145	.00047	.0022
%RSD	.95560	13.340	10.172	.45044	1.0440	2.3870	.05145

#1	15.959	.00239	-.03041	7.3575	1.4015	.02033	4.2596
#2	15.658	.00185	-.03663	7.4148	1.3728	.01974	4.2563
#3	15.788	.00200	-.03141	7.3571	1.3906	.01940	4.2604

Sample Name: K1346-15 Acquired: 2/16/2019 13:57:25 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17166	5.342	.09804	1.5208	F<.00000
Stddev	.00015	.019	.00057	.0956	1.8245
%RSD	.08712	.3620	.58497	6.2859	.45637

#1	.17179	5.351	.09815	1.6074	-400.62
#2	.17150	5.355	.09742	1.4182	-401.06
#3	.17168	5.320	.09855	1.5367	-397.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3429.9	35214.	3974.8	13.864	2954.3
Stddev	13.6	159.	46.7	2.563	13.9
%RSD	.39791	.45267	1.1756	18.489	.47211

#1	3426.0	35042.	3922.8	12.044	2945.3
#2	3418.7	35245.	4013.2	12.754	2947.2
#3	3445.1	35356.	3988.5	16.796	2970.3

Sample Name: K1358-03 Acquired: 2/16/2019 14:01:50 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03509	-.02537	.16719	-.04644	-.00951	142.40	.25398
Stddev	.00282	.00045	.00094	.00455	.00165	.41	.00906
%RSD	8.0407	1.7675	.56224	9.8024	17.357	.28566	3.5676

#1	.03697	-.02548	.16700	-.04529	-.01126	141.94	.26284
#2	.03185	-.02575	.16821	-.05145	-.00798	142.56	.24473
#3	.03647	-.02488	.16635	-.04257	-.00928	142.70	.25436

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00485	-.00646	35.912	.16337	.09173	.39610	203.05
Stddev	.00013	.00036	.261	.00062	.00057	.00177	2.12
%RSD	2.6281	5.5013	.72765	.38194	.62532	.44651	1.0440

#1	.00480	-.00677	36.087	.16342	.09232	.39747	204.01
#2	.00500	-.00607	35.612	.16272	.09170	.39672	200.62
#3	.00476	-.00655	36.038	.16396	.09118	.39410	204.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9518	23.882	.07741	-.00660	4.6183	.46982	1.2844
Stddev	.0031	.409	.00083	.00078	.0579	.00536	.0019
%RSD	.10365	1.7135	1.0783	11.753	1.2539	1.1409	.14790

#1	2.9483	23.833	.07646	-.00574	4.6312	.46673	1.2865
#2	2.9531	23.500	.07801	-.00684	4.5551	.46673	1.2839
#3	2.9540	24.314	.07777	-.00724	4.6687	.47601	1.2827

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0729	.00140	.00859	2.4352	1.1421	.01065	1.2904
Stddev	.0144	.00008	.00522	.0468	.0161	.00115	.0021
%RSD	.28304	5.9419	60.795	1.9206	1.4117	10.830	.16371

#1	5.0818	.00138	.01416	2.4245	1.1410	.01051	1.2900
#2	5.0564	.00150	.00780	2.3948	1.1266	.01187	1.2885
#3	5.0806	.00134	.00380	2.4864	1.1587	.00958	1.2927

Sample Name: K1358-03 Acquired: 2/16/2019 14:01:50 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06065	4.695	-.07587	2.4166	F<.00000
Stddev	.00187	.005	.00247	.1539	3.8694
%RSD	3.0838	.1130	3.2600	6.3697	.82976
#1	.06247	4.698	-.07750	2.5823	-463.25
#2	.06074	4.689	-.07302	2.2781	-465.05
#3	.05873	4.697	-.07708	2.3892	-470.67
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.8	33287.	3734.6	14.280	3040.7
Stddev	11.8	61.	33.9	.209	5.6
%RSD	.36285	.18293	.90763	1.4660	.18523
#1	3230.6	33229.	3713.4	14.045	3034.9
#2	3247.7	33351.	3773.7	14.446	3041.2
#3	3253.2	33281.	3716.7	14.348	3046.1

Sample Name: K1484-03 Acquired: 2/16/2019 14:06:18 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01462	-.04789	.82417	-.04042	-.00652	143.67	.45718
Stddev	.00684	.00273	.00417	.00103	.00181	.66	.00416
%RSD	46.797	5.7017	.50607	2.5445	27.768	.46010	.90980

#1	.02009	-.05095	.81953	-.03929	-.00643	142.98	.45262
#2	.00695	-.04570	.82760	-.04067	-.00837	143.71	.45816
#3	.01681	-.04703	.82539	-.04130	-.00475	144.30	.46077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	-.00542	55.933	.15089	.10789	.46963	169.35
Stddev	.00024	.00013	.487	.00039	.00046	.00380	1.05
%RSD	5.7088	2.4770	.87103	.25916	.43090	.80854	.62246

#1	.00394	-.00556	55.409	.15110	.10755	.46566	168.48
#2	.00441	-.00530	56.019	.15113	.10842	.47323	169.06
#3	.00412	-.00540	56.372	.15044	.10770	.46999	170.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3220	47.444	.18497	-.00469	23.062	.31883	.83724
Stddev	.0026	.169	.00040	.00038	.201	.00290	.00192
%RSD	.07784	.35706	.21645	8.1268	.87174	.91057	.22960

#1	3.3221	47.258	.18515	-.00511	22.830	.32069	.83508
#2	3.3194	47.482	.18451	-.00458	23.168	.31549	.83787
#3	3.3246	47.591	.18525	-.00438	23.188	.32032	.83877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1145	.00186	-.03969	2.1654	1.3012	.04932	2.6416
Stddev	.0534	.00028	.00744	.0238	.0184	.00038	.0155
%RSD	.65767	15.055	18.751	1.1008	1.4160	.77781	.58679

#1	8.0623	.00208	-.04482	2.1387	1.3015	.04956	2.6306
#2	8.1121	.00194	-.03115	2.1729	1.2826	.04888	2.6349
#3	8.1690	.00154	-.04309	2.1846	1.3194	.04951	2.6594

Sample Name: K1484-03 Acquired: 2/16/2019 14:06:18 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-2-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13861	4.197	.12375	2.6475	F<.00000
Stddev	.00160	.005	.00172	.0350	.70185
%RSD	1.1572	.1172	1.3892	1.3233	.18414
#1	.13918	4.194	.12185	2.6563	-380.97
#2	.13680	4.194	.12520	2.6089	-380.56
#3	.13985	4.203	.12421	2.6772	-381.93
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.4	33135.	3765.0	14.563	2958.7
Stddev	16.9	100.	19.2	.607	7.3
%RSD	.52504	.30249	.51003	4.1697	.24663
#1	3242.9	33106.	3781.5	15.260	2967.1
#2	3209.3	33246.	3769.7	14.143	2953.9
#3	3230.1	33052.	3744.0	14.287	2955.2

Sample Name: K1484-07 Acquired: 2/16/2019 14:10:35 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-2-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	-.02893	.13687	-.03331	-.00670	106.69	.61165
Stddev	.00324	.00109	.00225	.00358	.00419	.58	.00790
%RSD	55.195	3.7534	1.6439	10.755	62.629	.54552	1.2911

#1	.00926	-.03018	.13447	-.02932	-.00250	106.06	.62066
#2	.00553	-.02822	.13721	-.03626	-.00670	106.79	.60592
#3	.00281	-.02839	.13893	-.03436	-.01089	107.21	.60837

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	-.00534	20.436	.11728	.09748	.35929	150.14
Stddev	.00014	.00027	.109	.00016	.00025	.00070	1.25
%RSD	2.4040	4.9759	.53473	.13275	.26091	.19555	.83590

#1	.00577	-.00565	20.550	.11713	.09729	.35907	151.56
#2	.00601	-.00521	20.331	.11744	.09777	.36008	149.18
#3	.00602	-.00517	20.428	.11726	.09738	.35873	149.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3577	31.282	.16289	-.00370	5.6213	.18140	.44142
Stddev	.0192	.101	.00060	.00042	.0138	.00078	.00223
%RSD	.30235	.32410	.36821	11.456	.24582	.43147	.50551

#1	6.3691	31.398	.16331	-.00326	5.6371	.18064	.44252
#2	6.3355	31.219	.16220	-.00410	5.6148	.18137	.43886
#3	6.3685	31.227	.16315	-.00375	5.6119	.18220	.44289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7897	-.00037	-.02346	.25798	1.8378	.01179	1.3621
Stddev	.0680	.00050	.00341	.00974	.0115	.00033	.0090
%RSD	.87302	135.04	14.536	3.7740	.62678	2.8082	.66149

#1	7.8250	-.00066	-.02739	.25622	1.8505	.01216	1.3519
#2	7.7114	-.00067	-.02171	.24925	1.8348	.01164	1.3690
#3	7.8329	.00021	-.02128	.26848	1.8281	.01155	1.3653

Sample Name: K1484-07 Acquired: 2/16/2019 14:10:35 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-2-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13232	6.110	-.07478	1.8648	F<.00000
Stddev	.00183	.002	.00143	.0705	.99944
%RSD	1.3858	.0343	1.9073	3.7785	.28565
#1	.13065	6.112	-.07641	1.8397	-349.27
#2	.13201	6.110	-.07413	1.8103	-349.36
#3	.13428	6.108	-.07379	1.9444	-351.04
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.4	35267.	4042.2	14.573	3060.6
Stddev	15.7	27.	27.7	1.334	5.9
%RSD	.45956	.07715	.68555	9.1539	.19295
#1	3430.1	35298.	4010.4	13.723	3064.1
#2	3404.4	35256.	4060.9	13.885	3064.0
#3	3432.9	35247.	4055.5	16.110	3053.8

Sample Name: CCV03 Acquired: 2/16/2019 14:14:54 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14562 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1140	4.9482	4.8939	5.1165	5.1961	10.469	9.3289	.25170
Stddev	.0082	.0101	.0030	.0151	.0028	.036	.0848	.00135
%RSD	.16037	.20326	.06053	.29571	.05330	.34266	.90847	.53577
#1	5.1048	4.9372	4.8905	5.0999	5.1942	10.428	9.3009	.25309
#2	5.1171	4.9507	4.8962	5.1202	5.1949	10.484	9.2617	.25160
#3	5.1203	4.9568	4.8949	5.1295	5.1993	10.494	9.4241	.25040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5383	24.330	1.0400	2.5244	1.2643	4.8252	2.6115	23.869
Stddev	.0008	.074	.0053	.0032	.0023	.0288	.0061	.148
%RSD	.03104	.30490	.50509	.12740	.18046	.59725	.23381	.61925
#1	2.5384	24.251	1.0340	2.5209	1.2621	4.8118	2.6157	23.710
#2	2.5374	24.340	1.0439	2.5251	1.2667	4.8056	2.6143	24.002
#3	2.5390	24.399	1.0420	2.5272	1.2642	4.8583	2.6045	23.895
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5376	1.2462	24.217	2.6377	2.4743	22.830	4.8993	4.6663
Stddev	.0027	.0026	.245	.0100	.0011	.141	.0080	.0538
%RSD	.10423	.21140	1.0135	.37809	.04418	.61605	.16388	1.1526
#1	2.5354	1.2435	24.189	2.6265	2.4754	22.742	4.8901	4.6072
#2	2.5405	1.2487	23.986	2.6454	2.4744	22.756	4.9052	4.6793
#3	2.5368	1.2463	24.475	2.6413	2.4732	22.992	4.9026	4.7124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8664	F 4.3669	4.7175	4.8423	4.8442	4.854	4.9909	4.8321
Stddev	.0573	.0170	.0099	.0110	.0436	.006	.0440	.1376
%RSD	1.1768	.38998	.20930	.22734	.89999	.1197	.88211	2.8465
#1	4.8005	4.3493	4.7083	4.8298	4.8338	4.848	4.9882	4.6734
#2	4.9038	4.3681	4.7279	4.8507	4.8068	4.853	4.9483	4.9159
#3	4.8949	4.3833	4.7163	4.8463	4.8921	4.860	5.0362	4.9071

Sample Name: CCV03 Acquired: 2/16/2019 14:14:54 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14562 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6520
Stddev	.5274
%RSD	31.925

#1	1.8400
#2	2.0597
#3	1.0564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.9	29934.	3315.1	13.668	3038.1
Stddev	1.4	60.	19.7	.620	1.4
%RSD	.04945	.19902	.59285	4.5382	.04545

#1	2914.3	29865.	3312.5	13.017	3036.8
#2	2911.4	29966.	3335.9	14.253	3038.0
#3	2912.9	29970.	3296.9	13.734	3039.5

Sample Name: CC0B3 Acquired: 2/16/2019 14:18:53 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14562 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	-.00113	.00081	-.00295	-.00152	-.00587	-.02175
Stddev	.00281	.00119	.00052	.00287	.00183	.00758	.00324
%RSD	68.257	105.37	63.345	97.242	120.37	129.20	14.901

#1	-.00132	-.00161	.00133	-.00197	-.00307	-.01457	-.02332
#2	-.00410	-.00199	.00030	-.00070	-.00200	-.00070	-.02390
#3	-.00695	.00023	.00081	-.00618	.00050	-.00233	-.01802

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00002	-.00924	.00018	.00007	-.00031	.00026
Stddev	.00003	.00013	.02418	.00025	.00011	.00043	.00191
%RSD	57.249	640.89	261.87	139.14	160.10	135.52	734.52

#1	.00002	-.00013	-.03066	.00045	.00012	-.00063	-.00006
#2	.00005	-.00005	-.01403	.00013	-.00006	-.00048	.00231
#3	.00007	.00012	.01699	-.00004	.00015	.00017	-.00147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00873	-.00003	.00042	-.15838	-.00017	-.00002
Stddev	.00001	.09340	.00028	.00044	.00860	.00059	.00005
%RSD	18.746	1069.6	1072.0	104.69	5.4327	347.39	217.07

#1	.00003	-.05680	.00019	.00041	-.16827	.00040	-.00002
#2	.00004	-.06831	-.00034	.00087	-.15262	-.00078	-.00007
#3	.00003	.09892	.00007	-.00001	-.15424	-.00013	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24996	.00011	-.00595	F -.01333	.00088	.00076	.00184
Stddev	.01659	.00031	.00268	.01955	.00161	.00039	.00126
%RSD	6.6354	297.64	45.006	146.61	182.84	50.966	68.442

#1	.26042	-.00026	-.00290	-.02890	.00258	.00042	.00323
#2	.25862	.00031	-.00703	.00860	-.00061	.00067	.00151
#3	.23083	.00026	-.00791	-.01970	.00067	.00118	.00078

Sample Name: CC0B3 Acquired: 2/16/2019 14:18:53 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14562 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01247	-.0023	.00016	F 4.0306	F 1.5732
Stddev	.00220	.0009	.00018	.1078	1.6514
%RSD	17.674	40.96	113.92	2.6751	104.97
#1	-.01353	-.0012	.00036	4.1503	-.09078
#2	-.01394	-.0028	.00000	4.0006	3.2118
#3	-.00994	-.0029	.00011	3.9410	1.5987
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3017.4	31025.	3300.7	13.117	3357.8
Stddev	10.0	91.	15.8	.526	11.6
%RSD	.33064	.29486	.47991	4.0121	.34573
#1	3007.6	30920.	3292.8	12.584	3345.2
#2	3017.2	31083.	3290.3	13.130	3360.4
#3	3027.5	31073.	3318.9	13.636	3368.0

Sample Name: K1484-11 Acquired: 2/16/2019 14:23:21 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01293	-.04606	.50291	-.06782	-.01060	211.43	.54906
Stddev	.00253	.00036	.00386	.00518	.00350	1.75	.00018
%RSD	19.603	.79220	.76736	7.6445	33.069	.82817	.03245

#1	.01026	-.04636	.49864	-.07222	-.00780	210.21	.54895
#2	.01530	-.04565	.50395	-.06914	-.00947	210.66	.54897
#3	.01322	-.04616	.50614	-.06211	-.01453	213.44	.54927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00502	-.00682	116.77	.25553	.12076	.43594	234.88
Stddev	.00020	.00042	.33	.00250	.00053	.00065	2.96
%RSD	4.0818	6.1275	.28164	.97805	.43813	.14906	1.2617

#1	.00526	-.00726	117.15	.25449	.12137	.43519	238.11
#2	.00488	-.00643	116.60	.25373	.12044	.43629	234.24
#3	.00493	-.00676	116.55	.25839	.12047	.43634	232.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1486	55.346	.22500	-.01087	22.465	.44890	1.0911
Stddev	.0046	.173	.00050	.00016	.125	.00156	.0009
%RSD	.14469	.31338	.22257	1.4702	.55606	.34730	.08009

#1	3.1442	55.198	.22474	-.01087	22.608	.44738	1.0903
#2	3.1483	55.537	.22469	-.01104	22.379	.45049	1.0909
#3	3.1533	55.304	.22558	-.01072	22.408	.44883	1.0920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.814	.01253	-.06958	7.9446	3.4968	.02168	2.4441
Stddev	.080	.00006	.00934	.0550	.0367	.00038	.0151
%RSD	.67394	.49141	13.417	.69280	1.0499	1.7551	.61912

#1	11.904	.01246	-.05918	7.8829	3.5272	.02182	2.4271
#2	11.787	.01257	-.07722	7.9627	3.5071	.02196	2.4559
#3	11.752	.01255	-.07235	7.9884	3.4560	.02125	2.4493

Sample Name: K1484-11 Acquired: 2/16/2019 14:23:21 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-3-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24521	4.485	.31614	2.5369	F<.00000
Stddev	.00291	.011	.00127	.2434	2.4259
%RSD	1.1853	.2434	.40128	9.5934	.43012
#1	.24203	4.484	.31623	2.5144	-561.22
#2	.24772	4.475	.31482	2.3055	-565.23
#3	.24589	4.496	.31735	2.7907	-565.58
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3094.0	31708.	3668.3	13.141	2909.0
Stddev	6.9	92.	37.5	1.402	4.8
%RSD	.22372	.29103	1.0210	10.666	.16606
#1	3091.2	31684.	3625.6	13.563	2907.0
#2	3101.9	31810.	3683.6	14.283	2914.5
#3	3088.9	31630.	3695.7	11.577	2905.4

Sample Name: K1484-15 Acquired: 2/16/2019 14:27:48 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-3-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00271	-.03481	.11073	-.04625	-.00735	152.07	.60993
Stddev	.00072	.00051	.00116	.00100	.00064	.92	.00903
%RSD	26.739	1.4547	1.0486	2.1514	8.7222	.60528	1.4809

#1	.00320	-.03423	.11205	-.04649	-.00702	151.01	.61118
#2	.00306	-.03516	.11027	-.04516	-.00695	152.50	.61827
#3	.00188	-.03504	.10987	-.04711	-.00809	152.69	.60034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00677	-.00552	10.953	.17281	.12356	.31437	182.11
Stddev	.00028	.00040	.146	.00197	.00031	.00179	3.15
%RSD	4.1060	7.1714	1.3353	1.1373	.25114	.56842	1.7272

#1	.00680	-.00551	10.858	.17156	.12381	.31250	181.62
#2	.00703	-.00592	11.122	.17179	.12366	.31456	185.47
#3	.00648	-.00513	10.880	.17507	.12321	.31606	179.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1793	43.794	.22540	-.00538	6.5375	.21544	.61508
Stddev	.0124	.738	.00058	.00088	.0942	.00150	.00223
%RSD	.20009	1.6848	.25907	16.279	1.4405	.69726	.36309

#1	6.1863	43.236	.22568	-.00574	6.4818	.21487	.61765
#2	6.1865	44.630	.22580	-.00438	6.6462	.21431	.61401
#3	6.1650	43.515	.22473	-.00601	6.4844	.21715	.61358

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.386	-.00063	-.04638	.75931	1.7401	.01166	1.5709
Stddev	.162	.00051	.00916	.01698	.0146	.00111	.0049
%RSD	1.2079	81.150	19.742	2.2362	.84097	9.5087	.30886

#1	13.387	-.00058	-.04399	.77885	1.7404	.01042	1.5657
#2	13.548	-.00014	-.05649	.74810	1.7546	.01203	1.5752
#3	13.224	-.00116	-.03865	.75099	1.7253	.01254	1.5719

Sample Name: K1484-15 Acquired: 2/16/2019 14:27:48 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-3-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23563	5.846	-.12278	.92751	F<.00000
Stddev	.00208	.013	.00325	.13644	7.8673
%RSD	.88247	.2263	2.6458	14.711	1.7101
#1	.23337	5.854	-.12286	.77052	-452.34
#2	.23605	5.853	-.12599	1.0175	-459.72
#3	.23747	5.830	-.11949	.99447	-468.06
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.9	36208.	4094.7	12.878	3002.9
Stddev	9.7	94.	66.8	.649	16.1
%RSD	.27519	.25859	1.6314	5.0424	.53547
#1	3515.7	36218.	4103.8	13.364	2989.1
#2	3502.1	36110.	4023.8	13.131	2999.1
#3	3520.8	36297.	4156.4	12.141	3020.5

Sample Name: K1486-01 Acquired: 2/16/2019 14:32:24 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-227 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	-.08959	.38557	-.09925	-.00941	241.17	1.4064
Stddev	.00180	.00363	.00267	.00125	.00298	1.86	.0073
%RSD	51.178	4.0559	.69354	1.2591	31.650	.77146	.51636

#1	.00557	-.09347	.38249	-.10042	-.01003	239.59	1.4126
#2	.00273	-.08626	.38732	-.09938	-.00617	240.69	1.4082
#3	.00224	-.08905	.38689	-.09793	-.01202	243.22	1.3984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01541	-.00125	23.074	.34814	.32372	.35750	302.93
Stddev	.00019	.00045	.078	.00258	.00186	.00272	2.09
%RSD	1.2069	35.918	.33689	.73966	.57389	.76011	.68995

#1	.01547	-.00176	23.154	.34726	.32164	.35456	305.33
#2	.01556	-.00106	23.068	.34612	.32523	.35802	301.56
#3	.01520	-.00093	22.999	.35104	.32428	.35992	301.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.794	93.070	.60082	-.01723	9.2468	.48909	1.8661
Stddev	.121	.291	.00296	.00061	.0486	.00343	.0042
%RSD	.87986	.31305	.49336	3.5279	.52532	.70098	.22674

#1	13.849	93.340	.59740	-.01667	9.2997	.48719	1.8644
#2	13.655	93.109	.60253	-.01713	9.2364	.48703	1.8709
#3	13.878	92.761	.60254	-.01788	9.2043	.49305	1.8629

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.746	.00459	-.09630	2.3909	1.2400	.04464	3.9339
Stddev	.165	.00065	.00895	.0187	.0060	.00035	.0152
%RSD	.66747	14.121	9.2888	.78332	.48596	.79205	.38719

#1	24.915	.00510	-.08638	2.3846	1.2392	.04500	3.9164
#2	24.737	.00386	-.10375	2.3760	1.2464	.04465	3.9426
#3	24.585	.00480	-.09878	2.4119	1.2344	.04429	3.9428

Sample Name: K1486-01 Acquired: 2/16/2019 14:32:24 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-227 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.71322	5.130	-.15674	<.00000	F<.00000
Stddev	.00201	.016	.00416	.17641	1.7626
%RSD	.28134	.3138	2.6536	46.327	.18597

#1	.71121	5.135	-.16126	-.24278	-947.73
#2	.71323	5.143	-.15591	-.57954	-946.02
#3	.71523	5.112	-.15306	-.32005	-949.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.6	36740.	4228.4	14.320	2873.9
Stddev	6.8	163.	27.4	.697	4.7
%RSD	.19098	.44274	.64730	4.8698	.16372

#1	3550.8	36790.	4197.8	15.081	2876.8
#2	3537.4	36871.	4237.2	13.712	2868.5
#3	3542.7	36558.	4250.3	14.167	2876.4

Sample Name: K1487-01 Acquired: 2/16/2019 14:36:58 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RHR-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	-.09457	.13044	-.04891	-.00238	181.54	.64427
Stddev	.00377	.00313	.00160	.00326	.00238	.39	.00852
%RSD	58.635	3.3068	1.2230	6.6681	99.727	.21308	1.3217

#1	.00700	-.09649	.12929	-.05207	.00026	181.95	.65054
#2	.00240	-.09625	.12977	-.04555	-.00435	181.19	.64770
#3	.00987	-.09096	.13226	-.04912	-.00305	181.48	.63458

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	-.00227	1369.6	.13777	.07662	.22623	120.76
Stddev	.00017	.00026	25.0	.00064	.00024	.00036	1.65
%RSD	2.7789	11.301	1.8248	.46668	.31366	.15711	1.3658

#1	.00609	-.00252	1376.4	.13833	.07674	.22652	121.84
#2	.00579	-.00230	1390.4	.13707	.07677	.22634	121.58
#3	.00607	-.00201	1341.9	.13791	.07634	.22584	118.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2323	69.789	.15637	-.00809	6.5869	.18770	.45893
Stddev	.0166	.735	.00013	.00024	.0896	.00316	.00041
%RSD	.39174	1.0538	.08037	2.9764	1.3608	1.6830	.08974

#1	4.2509	70.082	.15636	-.00783	6.6133	.19074	.45846
#2	4.2268	70.332	.15650	-.00830	6.6604	.18444	.45924
#3	4.2191	68.952	.15625	-.00815	6.4871	.18793	.45908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.755	.00108	.14239	F 26.101	.60240	.01031	4.8942
Stddev	.101	.00022	.00604	.119	.00297	.00086	.0015
%RSD	.73586	20.289	4.2430	.45429	.49237	8.3086	.02985

#1	13.807	.00120	.14718	26.180	.60511	.01033	4.8925
#2	13.820	.00120	.14440	26.158	.60285	.01115	4.8948
#3	13.639	.00083	.13560	25.965	.59923	.00944	4.8952

Sample Name: K1487-01 Acquired: 2/16/2019 14:36:58 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RHR-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27514	6.443	7.2048	4.0696	F<.00000
Stddev	.00318	.011	.0790	.1344	2.2937
%RSD	1.1572	.1704	1.0960	3.3030	.92646
#1	.27839	6.452	7.2466	4.1783	-246.81
#2	.27502	6.446	7.2540	4.1111	-245.77
#3	.27203	6.431	7.1137	3.9193	-250.16
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.6	29250.	3562.8	12.303	2512.1
Stddev	4.1	132.	49.0	1.207	5.0
%RSD	.14541	.45218	1.3758	9.8126	.19935
#1	2837.5	29107.	3531.9	10.967	2507.5
#2	2837.0	29278.	3537.2	13.315	2511.3
#3	2844.4	29367.	3619.3	12.627	2517.4

Sample Name: K1490-01 Acquired: 2/16/2019 14:41:23 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1-214 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13821	-.05617	2.7954	-.09146	-.00791	124.33	1.1875
Stddev	.00388	.00374	.0192	.00167	.00227	.25	.0036
%RSD	2.8053	6.6668	.68495	1.8242	28.664	.19768	.30132

#1	.14140	-.05296	2.7740	-.09152	-.00823	124.04	1.1846
#2	.13934	-.05526	2.8108	-.09309	-.00551	124.50	1.1915
#3	.13390	-.06028	2.8013	-.08975	-.01001	124.43	1.1864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01060	.00155	106.29	.57601	.19104	2.1031	300.59
Stddev	.00029	.00014	.36	.00377	.00056	.0165	1.89
%RSD	2.7109	9.2644	.34231	.65480	.29069	.78598	.62758

#1	.01032	.00138	105.91	.57890	.19124	2.1222	302.33
#2	.01090	.00165	106.34	.57738	.19146	2.0945	300.86
#3	.01058	.00161	106.63	.57174	.19041	2.0927	298.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7424	48.617	.68007	-.01220	12.182	.43269	3.5228
Stddev	.0449	.332	.00185	.00055	.063	.00489	.0165
%RSD	.66541	.68225	.27225	4.4657	.51490	1.1304	.46897

#1	6.7932	48.247	.67874	-.01161	12.112	.43083	3.5061
#2	6.7259	48.718	.67929	-.01232	12.199	.43824	3.5391
#3	6.7081	48.887	.68218	-.01268	12.234	.42901	3.5232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.856	.03245	-.08718	F 72.560	.98355	.22831	2.4807
Stddev	.041	.00023	.01582	.025	.01108	.00160	.0168
%RSD	.29887	.71057	18.151	.03489	1.1268	.70048	.67694

#1	13.904	.03262	-.06962	72.557	.98415	.22719	2.4658
#2	13.830	.03254	-.09157	72.587	.99432	.22759	2.4773
#3	13.835	.03219	-.10034	72.536	.97218	.23014	2.4989

Sample Name: K1490-01 Acquired: 2/16/2019 14:41:23 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1-214 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19254	8.000	.24321	.72046	F<.00000
Stddev	.00175	.015	.00274	.15694	2.5915
%RSD	.90955	.1862	1.1279	21.784	.29894

#1	.19216	7.983	.24009	.89847	-868.70
#2	.19444	8.011	.24431	.60205	-868.07
#3	.19100	8.006	.24524	.66085	-863.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.4	34589.	3952.9	13.433	2885.1
Stddev	27.8	191.	20.8	2.134	11.1
%RSD	.83773	.55088	.52709	15.882	.38402

#1	3286.4	34410.	3931.7	13.397	2894.8
#2	3325.8	34569.	3953.7	15.585	2873.0
#3	3340.0	34789.	3973.4	11.318	2887.5

Sample Name: K1500-01 Acquired: 2/16/2019 14:45:54 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: G-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46699	-.02800	.06661	-.16375	-.02506	120.90	.46407
Stddev	.00433	.00020	.00130	.00206	.00063	.75	.00477
%RSD	.92812	.71091	1.9499	1.2602	2.5284	.62050	1.0277

#1	.46572	-.02783	.06693	-.16472	-.02579	120.35	.46286
#2	.46343	-.02822	.06771	-.16139	-.02471	120.59	.46001
#3	.47182	-.02795	.06517	-.16516	-.02467	121.75	.46932

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01102	-.00575	16.042	.39021	.16431	.13179	441.32
Stddev	.00009	.00021	.057	.00018	.00020	.00121	1.66
%RSD	.83155	3.7305	.35318	.04694	.11981	.91759	.37552

#1	.01111	-.00554	16.042	.39000	.16443	.13235	441.43
#2	.01103	-.00574	15.985	.39028	.16408	.13040	439.61
#3	.01092	-.00597	16.098	.39035	.16441	.13262	442.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4854	25.281	.29016	-.02998	.44447	.80470	.79119
Stddev	.0010	.085	.00179	.00064	.00317	.00467	.00377
%RSD	.04078	.33776	.61547	2.1233	.71413	.58068	.47681

#1	2.4846	25.379	.29209	-.02926	.44081	.80281	.79533
#2	2.4865	25.222	.28980	-.03026	.44622	.80126	.79027
#3	2.4852	25.241	.28858	-.03044	.44639	.81002	.78796

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.643	-.00339	-.27142	F 77.835	1.3276	-.01617	.78173
Stddev	.209	.00041	.00742	.321	.0140	.00103	.00307
%RSD	.78274	12.009	2.7350	.41210	1.0535	6.3653	.39236

#1	26.808	-.00299	-.26545	78.202	1.3426	-.01695	.78058
#2	26.409	-.00337	-.27973	77.610	1.3149	-.01500	.78521
#3	26.712	-.00380	-.26907	77.692	1.3254	-.01655	.77941

Sample Name: K1500-01 Acquired: 2/16/2019 14:45:54 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: G-021419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16916	5.839	-.36740	<.00000	F<.00000
Stddev	.00197	.028	.00194	.09270	5.3916
%RSD	1.1618	.4844	.52924	27.765	.39688

#1	.16691	5.870	-.36782	-.38136	-1352.8
#2	.17058	5.833	-.36528	-.39324	-1359.2
#3	.16998	5.814	-.36910	-.22706	-1363.5

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3287.6	33743.	3822.0	14.726	2918.5
Stddev	30.7	74.	27.2	2.628	13.2
%RSD	.93527	.21782	.71141	17.846	.45116

#1	3263.9	33713.	3796.0	12.275	2903.4
#2	3322.4	33827.	3850.3	14.403	2927.8
#3	3276.7	33690.	3819.9	17.501	2924.3

Sample Name: K1501-01 Acquired: 2/16/2019 14:50:19 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CH-021419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13722	-.01176	.05102	-.06769	-.01245	80.065	.21440
Stddev	.00187	.00202	.00955	.00548	.00194	.947	.04166
%RSD	1.3599	17.162	18.710	8.0924	15.609	1.1829	19.432

#1	.13851	-.01183	.05444	-.06826	-.01394	79.106	.19375
#2	.13807	-.00971	.04023	-.06195	-.01316	80.999	.26236
#3	.13508	-.01374	.05838	-.07286	-.01025	80.089	.18710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00548	-.01169	10.749	.30139	.04465	.06434	284.99
Stddev	.00017	.00261	1.119	.00828	.00050	.00582	24.76
%RSD	3.0292	22.321	10.411	2.7465	1.1126	9.0506	8.6890

#1	.00549	-.01052	10.099	.30010	.04506	.06644	273.18
#2	.00565	-.01468	12.041	.29384	.04410	.05776	313.44
#3	.00532	-.00988	10.106	.31024	.04480	.06883	268.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0257	13.294	.03563	-.00823	.17382	.76252	.29694
Stddev	.0011	1.273	.00105	.00411	.04806	.00884	.00672
%RSD	.11100	9.5752	2.9424	49.881	27.647	1.1595	2.2647

#1	1.0263	12.661	.03521	-.01076	.14180	.76853	.30003
#2	1.0244	14.759	.03485	-.00349	.22908	.75237	.28922
#3	1.0264	12.461	.03682	-.01044	.15058	.76666	.30156

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.844	.00165	-.07095	2.0100	1.5296	.00786	.71301
Stddev	.952	.00054	.01725	.0186	.1175	.00068	.06931
%RSD	8.0397	32.944	24.320	.92461	7.6807	8.6727	9.7210

#1	11.441	.00111	-.07562	2.0004	1.4802	.00865	.67835
#2	12.932	.00164	-.08538	2.0314	1.6637	.00740	.79282
#3	11.159	.00220	-.05184	1.9982	1.4448	.00755	.66787

Sample Name: K1501-01 Acquired: 2/16/2019 14:50:19 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CH-021419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04334	4.545	-.26117	2.2068	F<.00000
Stddev	.00371	.009	.02248	.0577	3.1347
%RSD	8.5557	.1865	8.6067	2.6132	.48623

#1	.04155	4.535	-.25049	2.1439	-647.73
#2	.04761	4.550	-.28699	2.2571	-644.91
#3	.04087	4.550	-.24602	2.2196	-641.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.0	32715.	3523.1	13.227	3101.0
Stddev	37.6	114.	283.8	1.321	23.9
%RSD	1.1771	.34760	8.0558	9.9913	.77044

#1	3235.6	32648.	3652.8	14.115	3128.5
#2	3198.1	32846.	3197.6	11.708	3088.7
#3	3160.4	32651.	3718.9	13.857	3085.7

Sample Name: K1502-01 Acquired: 2/16/2019 14:54:38 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-1-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05621	-.03328	3.4834	-.09412	-.01165	183.39	1.1540
Stddev	.00553	.00309	.1174	.01113	.00306	1.05	.0138
%RSD	9.8458	9.2842	3.3702	11.828	26.296	.57218	1.1965

#1	.05061	-.03132	3.3479	-.08219	-.00901	182.35	1.1666
#2	.06168	-.03684	3.5528	-.09593	-.01094	183.37	1.1563
#3	.05633	-.03168	3.5496	-.10423	-.01501	184.45	1.1393

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01066	.01283	14.274	.39161	.13117	.36292	317.73
Stddev	.00004	.00204	.219	.00057	.00474	.01402	3.26
%RSD	.37914	15.879	1.5319	.14568	3.6111	3.8642	1.0261

#1	.01070	.01050	14.477	.39139	.12572	.34700	320.33
#2	.01066	.01372	14.304	.39119	.13429	.36831	318.78
#3	.01061	.01427	14.042	.39226	.13351	.37345	314.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3993	27.650	.15055	-.01449	.23633	.54016	5.7967
Stddev	.0066	.247	.00456	.00049	.00662	.00139	.1988
%RSD	.27724	.89332	3.0281	3.4058	2.7993	.25667	3.4302

#1	2.3929	27.830	.14528	-.01412	.24152	.53926	5.5672
#2	2.3989	27.752	.15324	-.01430	.23859	.53946	5.9175
#3	2.4062	27.368	.15311	-.01505	.22888	.54175	5.9053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.186	.00161	-.17567	2.4511	1.4678	.02029	1.7163
Stddev	.078	.00017	.00926	.1047	.0360	.00095	.0157
%RSD	.63700	10.335	5.2697	4.2708	2.4550	4.6774	.91684

#1	12.255	.00148	-.17088	2.3393	1.5014	.01998	1.7311
#2	12.200	.00180	-.18634	2.5467	1.4722	.02136	1.7181
#3	12.102	.00155	-.16979	2.4675	1.4298	.01954	1.6998

Sample Name: K1502-01 Acquired: 2/16/2019 14:54:38 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-1-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16498	6.425	-.23966	1.5135	F<.00000
Stddev	.00422	.212	.00255	.0602	3.0435
%RSD	2.5568	3.300	1.0653	3.9759	.35093
#1	.16819	6.180	-.24191	1.5817	-864.10
#2	.16655	6.554	-.24018	1.4911	-867.60
#3	.16021	6.539	-.23689	1.4678	-870.17
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.0	33335.	3826.1	14.140	3034.1
Stddev	93.1	30.	62.2	.560	89.7
%RSD	2.7990	.09034	1.6244	3.9632	2.9552
#1	3433.7	33358.	3767.7	13.608	3137.6
#2	3285.0	33346.	3819.2	14.087	2981.9
#3	3262.3	33301.	3891.4	14.725	2982.7

Sample Name: K1502-04 Acquired: 2/16/2019 14:59:03 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-A-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00862	-.00245	.01050	.00115	.00055	2.5111	.21857	.00006
Stddev	.00270	.00114	.00069	.00294	.00156	.0356	.00884	.00011
%RSD	31.314	46.596	6.5396	254.91	284.02	1.4171	4.0465	181.02

#1	-.00760	-.00345	.00976	.00074	.00063	2.4824	.21703	.00010
#2	-.01168	-.00121	.01060	-.00156	-.00105	2.5000	.22808	.00015
#3	-.00658	-.00268	.01113	.00428	.00207	2.5509	.21060	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00773	9.6602	.02058	.00213	.00306	3.1268	.44680	1.3337
Stddev	.00004	.0549	.00037	.00008	.00025	.0269	.00083	.0500
%RSD	.51771	.56813	1.7787	3.7640	8.1236	.86074	.18467	3.7467

#1	.00775	9.5969	.02050	.00204	.00285	3.1247	.44599	1.3001
#2	.00775	9.6938	.02026	.00216	.00333	3.1548	.44764	1.3100
#3	.00768	9.6900	.02098	.00219	.00300	3.1011	.44679	1.3912

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.00067	249.74	.00816	2.3766	2.8971	-.00019	.04951
Stddev	.00002	.00013	3.80	.00071	.0041	.0384	.00013	.00770
%RSD	.51993	19.859	1.5206	8.7358	.17434	1.3242	69.316	15.559

#1	.00375	.00077	249.00	.00736	2.3752	2.8531	-.00026	.05237
#2	.00378	.00071	253.85	.00873	2.3734	2.9235	-.00004	.05538
#3	.00375	.00052	246.37	.00839	2.3813	2.9147	-.00026	.04079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43601	1.8071	.00082	.04206	-.00297	.0624	.03111	4.9213
Stddev	.03392	.0095	.00110	.00016	.00361	.0016	.00031	.0134
%RSD	7.7796	.52789	133.79	.38281	121.65	2.606	.98847	.27235

#1	.40672	1.8112	.00013	.04213	-.00703	.0616	.03096	4.9258
#2	.47318	1.8140	.00024	.04217	-.00177	.0613	.03146	4.9319
#3	.42814	1.7962	.00209	.04187	-.00011	.0642	.03090	4.9063

Sample Name: K1502-04 Acquired: 2/16/2019 14:59:03 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-A-1-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.32435
%RSD	37.513

#1	-.58367
#2	-1.2196
#3	-.79064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.9	29553.	3351.7	14.214	3063.3
Stddev	7.6	5.	26.7	.561	5.2
%RSD	.26031	.01628	.79701	3.9447	.16818

#1	2901.9	29549.	3332.2	13.986	3064.9
#2	2909.5	29559.	3340.8	14.852	3067.4
#3	2894.3	29553.	3382.1	13.802	3057.5

Sample Name: K1502-05 Acquired: 2/16/2019 15:03:32 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-B-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00902	-.00419	.04106	.00155	.00202	.05437	.26969	.00003
Stddev	.00046	.00256	.00097	.00198	.00182	.00999	.00983	.00007
%RSD	5.1081	61.206	2.3733	127.87	89.838	18.372	3.6450	230.24

#1	-.00953	-.00575	.04178	-.00067	.00080	.06571	.26482	-.00003
#2	-.00889	-.00558	.03995	.00220	.00411	.05054	.28100	.00001
#3	-.00864	-.00123	.04146	.00313	.00116	.04686	.26324	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01717	6.4666	.02566	.00134	.00161	.17021	.08365	.26842
Stddev	.00014	.1152	.00055	.00022	.00038	.00508	.00047	.01760
%RSD	.79333	1.7813	2.1287	16.365	23.727	2.9847	.56208	6.5570

#1	.01707	6.3760	.02544	.00159	.00118	.16892	.08407	.28518
#2	.01732	6.5962	.02525	.00123	.00174	.17581	.08375	.25009
#3	.01711	6.4274	.02628	.00120	.00191	.16590	.08314	.26998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	.00070	298.69	.00017	7.4339	.86819	-.00127	.03553
Stddev	.00013	.00026	7.01	.00012	.0119	.03615	.00016	.00409
%RSD	2.2433	37.612	2.3473	68.847	.15979	4.1637	12.523	11.512

#1	.00585	.00090	297.08	.00015	7.4221	.85501	-.00109	.03199
#2	.00592	.00040	306.36	.00030	7.4339	.84047	-.00138	.03460
#3	.00611	.00082	292.62	.00007	7.4458	.90907	-.00134	.04000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32681	.08312	.00121	.00097	.00371	-.0009	.04143	5.1376
Stddev	.02303	.00544	.00062	.00215	.00198	.0022	.00058	.1426
%RSD	7.0468	6.5396	50.905	220.55	53.294	256.9	1.3991	2.7760

#1	.34298	.08305	.00187	.00105	.00162	-.0025	.04079	5.3020
#2	.33701	.08860	.00110	-.00121	.00396	.0016	.04193	5.0464
#3	.30044	.07773	.00066	.00308	.00555	-.0017	.04157	5.0645

Sample Name: K1502-05 Acquired: 2/16/2019 15:03:32 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-B-1-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.8537
Stddev	.7153
%RSD	14.737

#1	4.9152
#2	5.5362
#3	4.1096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.7	29293.	3336.1	14.341	3019.3
Stddev	4.4	130.	64.9	1.466	5.3
%RSD	.15566	.44262	1.9443	10.221	.17599

#1	2851.0	29160.	3332.1	15.120	3015.7
#2	2856.2	29299.	3273.3	12.650	3016.7
#3	2859.8	29419.	3402.9	15.252	3025.4

Sample Name: CCV04 Acquired: 2/16/2019 15:08:04 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0935	4.9168	4.8760	5.0388	5.1666	10.237	9.2863	.25106
Stddev	.0107	.0145	.0135	.0074	.0112	.033	.0818	.00014
%RSD	.21036	.29401	.27654	.14645	.21764	.32597	.88112	.05741
#1	5.0867	4.9081	4.8632	5.0309	5.1590	10.198	9.2016	.25121
#2	5.0879	4.9335	4.8901	5.0455	5.1795	10.257	9.2922	.25105
#3	5.1058	4.9088	4.8747	5.0401	5.1613	10.255	9.3650	.25093
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5325	24.078	1.0502	2.5240	1.2518	4.9303	2.6356	23.960
Stddev	.0052	.206	.0029	.0057	.0008	.0185	.0044	.151
%RSD	.20662	.85354	.27505	.22629	.06611	.37549	.16607	.63000
#1	2.5284	23.871	1.0533	2.5180	1.2519	4.9270	2.6391	23.814
#2	2.5384	24.081	1.0496	2.5294	1.2510	4.9136	2.6371	23.951
#3	2.5308	24.282	1.0476	2.5246	1.2527	4.9502	2.6307	24.116
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5142	1.2404	24.012	2.6504	2.4599	22.727	4.8438	4.5436
Stddev	.0091	.0034	.088	.0085	.0071	.139	.0088	.0131
%RSD	.36170	.27852	.36793	.32109	.28867	.61104	.18068	.28826
#1	2.5038	1.2426	23.913	2.6580	2.4532	22.589	4.8337	4.5288
#2	2.5203	1.2422	24.042	2.6520	2.4673	22.726	4.8492	4.5537
#3	2.5186	1.2364	24.082	2.6412	2.4591	22.867	4.8485	4.5483
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8126	F 4.3720	4.6786	4.7932	4.8044	4.788	4.9646	5.0521
Stddev	.0496	.0075	.0106	.0439	.0289	.003	.0330	.0421
%RSD	1.0308	.17109	.22724	.91482	.60206	.0613	.66454	.83388
#1	4.7573	4.3762	4.6689	4.7566	4.7770	4.785	4.9350	5.0938
#2	4.8532	4.3634	4.6899	4.7811	4.8015	4.788	4.9587	5.0530
#3	4.8274	4.3765	4.6771	4.8418	4.8346	4.791	5.0002	5.0095

Sample Name: CCV04 Acquired: 2/16/2019 15:08:04 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3810
Stddev .1885
%RSD 13.649

#1 1.5871
#2 1.2174
#3 1.3385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.2	29856.	3286.6	12.894	3058.2
Stddev	3.6	70.	8.1	.985	6.2
%RSD	.12250	.23326	.24664	7.6395	.20196

#1	2929.2	29804.	3280.6	13.287	3064.1
#2	2922.3	29829.	3295.8	11.773	3051.8
#3	2924.1	29935.	3283.2	13.621	3058.8

Sample Name: CCB04 Acquired: 2/16/2019 15:12:03 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7944 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00470	.00150	.00035	-.00165	.00078	-.00245	-.02324
Stddev	.00261	.00168	.00078	.00326	.00077	.00425	.00454
%RSD	55.574	112.00	224.96	197.90	99.808	173.32	19.520

#1	-.00749	.00330	.00053	-.00342	.00160	-.00713	-.01807
#2	-.00230	-.00002	.00102	-.00364	.00006	.00116	-.02654
#3	-.00432	.00122	-.00051	.00212	.00068	-.00138	-.02511

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00004	-.00957	.00025	.00010	.00008	-.00015
Stddev	.00006	.00004	.00365	.00017	.00035	.00017	.00078
%RSD	112.68	108.11	38.151	65.532	335.46	225.40	515.41

#1	.00008	.00000	-.00538	.00040	-.00016	.00008	.00052
#2	-.00002	.00008	-.01204	.00029	-.00002	.00024	.00003
#3	.00009	.00002	-.01129	.00007	.00050	-.00010	-.00101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02118	.00005	.00054	-.10748	.00045	.00014
Stddev	.00001	.01301	.00022	.00041	.01599	.00048	.00002
%RSD	25.413	61.415	476.60	75.720	14.876	107.11	10.962

#1	.00005	.03377	.00004	.00048	-.08911	.00023	.00014
#2	.00003	.02199	.00027	.00017	-.11824	.00011	.00015
#3	.00003	.00779	-.00017	.00098	-.11509	.00100	.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25557	.00007	.00158	F -.02075	.00034	.00028	.00037
Stddev	.03791	.00028	.00282	.00842	.00158	.00058	.00175
%RSD	14.834	429.03	178.80	40.563	469.74	209.80	470.23

#1	.21364	.00018	-.00045	-.01711	.00139	-.00017	.00239
#2	.28742	.00027	.00038	-.03037	.00111	.00093	-.00074
#3	.26566	-.00026	.00480	-.01476	-.00148	.00007	-.00053

Sample Name: CCB04 Acquired: 2/16/2019 15:12:03 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7944 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00918	-.0031	.00020	F 4.3427	F 1.7206
Stddev	.00209	.0002	.00001	.0146	.2700
%RSD	22.787	6.450	6.4226	.33547	15.691
#1	-.00731	-.0033	.00019	4.3442	1.8863
#2	-.00878	-.0029	.00021	4.3274	1.8665
#3	-.01144	-.0031	.00021	4.3564	1.4091
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.8	30814.	3288.0	13.079	3367.7
Stddev	7.0	73.	14.1	1.250	7.8
%RSD	.23274	.23702	.42792	9.5537	.23021
#1	3020.7	30732.	3277.9	11.659	3359.8
#2	3033.0	30873.	3282.0	13.566	3368.2
#3	3032.8	30837.	3304.0	14.011	3375.2

Sample Name: K1502-06 Acquired: 2/16/2019 15:16:31 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-C-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00928	-.00398	.08237	.00291	.00306	.32307	.23213	.00010
Stddev	.00050	.00144	.00107	.00526	.00221	.00336	.00817	.00008
%RSD	5.4279	36.186	1.3014	180.48	72.287	1.0388	3.5175	78.189
#1	-.00916	-.00249	.08296	.00862	.00356	.32248	.24105	.00012
#2	-.00983	-.00409	.08113	-.00173	.00499	.32668	.23033	.00016
#3	-.00884	-.00537	.08302	.00185	.00064	.32004	.22501	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08845	55.648	.04262	.00947	.00440	.21694	.71378	3.5814
Stddev	.00026	.458	.00079	.00023	.00042	.00366	.00440	.0877
%RSD	.29942	.82343	1.8547	2.4522	9.4612	1.6856	.61675	2.4492
#1	.08838	55.377	.04214	.00923	.00488	.21278	.70885	3.4831
#2	.08822	55.389	.04353	.00949	.00412	.21838	.71731	3.6093
#3	.08874	56.177	.04218	.00969	.00421	.21966	.71517	3.6518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01536	.00017	299.25	-.00054	24.199	5.3470	-.00381	.07466
Stddev	.00088	.00023	6.99	.00016	.020	.0432	.00007	.00102
%RSD	5.7064	131.87	2.3359	30.269	.08405	.80796	1.8547	1.3667
#1	.01443	-.00002	291.23	-.00073	24.212	5.3555	-.00383	.07384
#2	.01549	.00042	302.48	-.00045	24.210	5.3002	-.00373	.07435
#3	.01617	.00012	304.05	-.00045	24.176	5.3853	-.00387	.07581
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4012	5.8448	.00084	.00024	.00711	.0080	.11731	5.3061
Stddev	.0432	.0300	.00054	.00375	.00283	.0009	.00068	.0651
%RSD	1.2687	.51386	63.503	1535.0	39.718	10.93	.58000	1.2262
#1	3.3542	5.8109	.00133	-.00314	.00585	.0090	.11658	5.3110
#2	3.4390	5.8681	.00093	.00428	.00514	.0077	.11792	5.3686
#3	3.4105	5.8553	.00027	-.00040	.01035	.0073	.11742	5.2388

Sample Name: K1502-06 Acquired: 2/16/2019 15:16:31 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-C-1-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8394
 Stddev .7760
 %RSD 11.346

#1 6.7283
 #2 7.6650
 #3 6.1249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.5	29075.	3324.7	13.399	2990.5
Stddev	5.8	60.	15.3	.302	5.6
%RSD	.20518	.20787	.46006	2.2505	.18679

#1	2841.8	29104.	3340.2	13.255	2985.9
#2	2847.2	29006.	3309.7	13.197	2988.9
#3	2853.5	29115.	3324.3	13.745	2996.7

Sample Name: K1502-07 Acquired: 2/16/2019 15:21:02 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-D-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00635	-.00311	.15793	-.00005	.01957	.03232	.11670	.00001
Stddev	.00200	.00218	.00096	.00346	.00169	.01267	.00488	.00004
%RSD	31.469	70.190	.60898	6510.3	8.6329	39.202	4.1795	247.40
#1	-.00811	-.00547	.15895	-.00270	.01779	.02990	.11131	.00005
#2	-.00418	-.00115	.15704	.00386	.02115	.04603	.11796	.00001
#3	-.00676	-.00272	.15781	-.00132	.01978	.02104	.12082	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07441	11.790	.46669	.00465	-.00113	1.9683	.18366	.43265
Stddev	.00010	.064	.00387	.00018	.00036	.0258	.00140	.03540
%RSD	.13939	.54119	.82932	3.9705	31.687	1.3108	.76033	8.1823
#1	.07451	11.717	.46994	.00476	-.00087	1.9975	.18517	.43603
#2	.07443	11.819	.46241	.00443	-.00154	1.9587	.18241	.39569
#3	.07430	11.835	.46772	.00475	-.00098	1.9486	.18342	.46625
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00036	269.09	.00056	F 62.066	1.7211	-.01412	.19768
Stddev	.00061	.00063	1.34	.00061	.510	.0349	.00004	.00478
%RSD	16.606	174.85	.49782	107.36	.82241	2.0270	.27553	2.4177
#1	.00313	-.00019	268.59	.00096	61.614	1.6862	-.01416	.20287
#2	.00435	.00022	270.60	.00086	62.620	1.7212	-.01408	.19671
#3	.00360	.00104	268.06	-.00013	61.964	1.7560	-.01411	.19346
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.115	.30194	-.00187	-.00027	.00855	.0128	.25812	4.8876
Stddev	.052	.00422	.00094	.00151	.00327	.0003	.00133	.0430
%RSD	.51807	1.3980	50.125	550.37	38.187	2.254	.51347	.87964
#1	10.122	.30648	-.00292	-.00198	.00653	.0129	.25697	4.8429
#2	10.059	.30118	-.00112	.00027	.00680	.0130	.25782	4.9286
#3	10.163	.29814	-.00157	.00089	.01232	.0124	.25957	4.8915

Sample Name: K1502-07 Acquired: 2/16/2019 15:21:02 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-D-1-5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5166
Stddev	1.2366
%RSD	49.139

#1	2.1342
#2	1.5163
#3	3.8992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.3	29531.	3347.9	13.288	3061.7
Stddev	7.3	64.	32.0	1.621	9.3
%RSD	.25068	.21809	.95716	12.195	.30315

#1	2890.8	29461.	3325.4	14.350	3051.2
#2	2896.0	29588.	3333.6	11.423	3065.0
#3	2905.1	29544.	3384.6	14.091	3068.8

Sample Name: K1502-08 Acquired: 2/16/2019 15:25:50 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-E-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00767	-.00377	.09932	.00190	.00074	.04454	.20581	.00000
Stddev	.00499	.00156	.00048	.00214	.00105	.00724	.00558	.00005
%RSD	65.123	41.253	.48697	112.50	141.36	16.260	2.7130	2536.2

#1	-.01276	-.00523	.09911	-.00031	.00180	.04454	.20684	.00000
#2	-.00745	-.00396	.09987	.00396	-.00030	.03731	.19978	.00005
#3	-.00279	-.00213	.09898	.00205	.00074	.05179	.21081	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	3.9082	.02105	.00086	.00188	.06217	.04686	.26868
Stddev	.00013	.0244	.00024	.00011	.00019	.00242	.00052	.02784
%RSD	1.9243	.62463	1.1367	12.838	10.212	3.8871	1.1142	10.363

#1	.00658	3.8958	.02112	.00098	.00208	.05977	.04626	.29167
#2	.00680	3.8925	.02079	.00084	.00184	.06214	.04709	.23772
#3	.00682	3.9363	.02125	.00076	.00170	.06460	.04722	.27664

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00334	.00048	280.35	-.00007	2.8988	.95227	-.00041	.03470
Stddev	.00027	.00050	1.64	.00009	.0036	.03856	.00024	.01214
%RSD	8.0337	104.09	.58332	128.95	.12277	4.0494	59.017	34.991

#1	.00303	-.00008	278.51	-.00016	2.8991	.91329	-.00018	.02068
#2	.00346	.00063	280.91	-.00004	2.9022	.95310	-.00067	.04191
#3	.00353	.00090	281.63	.00000	2.8951	.99040	-.00038	.04152

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21519	.12661	.00135	-.00357	.00585	-.0011	.02379	4.6098
Stddev	.02359	.00331	.00026	.00039	.00320	.0014	.00008	.1419
%RSD	10.964	2.6155	19.160	10.895	54.606	127.2	.34530	3.0787

#1	.19039	.12490	.00152	-.00399	.00508	-.0027	.02388	4.7736
#2	.23735	.12450	.00147	-.00322	.00312	-.0007	.02372	4.5232
#3	.21784	.13042	.00105	-.00351	.00937	.0001	.02378	4.5325

Sample Name: K1502-08 Acquired: 2/16/2019 15:25:50 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-E-1-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7627
 Stddev .9872
 %RSD 20.728

#1 5.7767
 #2 3.8047
 #3 4.7066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2947.5	29976.	3340.2	12.993	3105.4
Stddev	6.8	65.	1.7	.039	9.1
%RSD	.23056	.21634	.05035	.29839	.29231

#1	2940.3	29922.	3338.3	13.036	3100.6
#2	2948.4	30048.	3341.1	12.961	3099.8
#3	2953.8	29957.	3341.3	12.982	3115.9

Sample Name: K1502-09 Acquired: 2/16/2019 15:30:24 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-F-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00506	-.00374	.00814	.00135	-.00078	.04888	.33569	.00001
Stddev	.00103	.00046	.00044	.00108	.00113	.00864	.00146	.00007
%RSD	20.305	12.201	5.3818	79.769	145.01	17.682	.43577	747.30

#1	-.00623	-.00418	.00769	.00216	-.00008	.04053	.33495	-.00006
#2	-.00430	-.00378	.00856	.00013	-.00208	.05779	.33475	-.00000
#3	-.00465	-.00327	.00818	.00175	-.00017	.04832	.33738	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	51.649	.00191	.00403	.00551	.16175	.62218	1.4150
Stddev	.00020	.264	.00024	.00016	.00044	.00396	.00093	.0702
%RSD	11.867	.51055	12.469	3.9198	8.0019	2.4470	.15006	4.9630

#1	.00191	51.947	.00215	.00387	.00500	.16549	.62110	1.3912
#2	.00167	51.550	.00192	.00418	.00578	.16216	.62265	1.4941
#3	.00151	51.448	.00167	.00405	.00575	.15760	.62278	1.3598

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	.00052	273.62	-.00061	1.5212	1.9256	.00017	.01828
Stddev	.00023	.00037	1.55	.00029	.0070	.0475	.00018	.00227
%RSD	4.7110	71.078	.56476	47.084	.45968	2.4650	110.58	12.405

#1	.00479	.00010	271.84	-.00029	1.5274	1.8744	.00024	.01579
#2	.00475	.00080	274.64	-.00070	1.5136	1.9341	.00030	.01881
#3	.00517	.00065	274.37	-.00083	1.5225	1.9682	-.00004	.02023

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30555	.33031	.00161	-.00021	.00573	-.0029	.08465	4.9505
Stddev	.00927	.00558	.00056	.00198	.00110	.0001	.00020	.0514
%RSD	3.0342	1.6900	34.666	962.85	19.282	2.853	.24003	1.0379

#1	.30207	.33350	.00157	.00049	.00671	-.0030	.08475	4.9132
#2	.31605	.33357	.00107	-.00244	.00453	-.0029	.08479	5.0091
#3	.29852	.32387	.00218	.00134	.00594	-.0028	.08442	4.9291

Sample Name: K1502-09 Acquired: 2/16/2019 15:30:24 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-F-1-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.1279
Stddev .2725
%RSD 3.8235

#1 7.2497
#2 7.3184
#3 6.8157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.2	29489.	3335.0	12.570	3037.2
Stddev	14.0	83.	24.9	1.832	13.1
%RSD	.48291	.28189	.74512	14.570	.43075

#1	2890.2	29546.	3310.5	10.989	3022.2
#2	2918.0	29394.	3334.4	14.577	3046.6
#3	2907.4	29527.	3360.2	12.146	3042.7

Sample Name: K1502-10 Acquired: 2/16/2019 15:34:55 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-G-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00507	-.00290	.01424	.00185	.02045	.02202	.14346	-.00001
Stddev	.00207	.00182	.00065	.00130	.00031	.00766	.00094	.00002
%RSD	40.918	62.674	4.5738	70.240	1.5224	34.788	.65823	170.77

#1	-.00694	-.00404	.01496	.00239	.02036	.03011	.14433	-.00001
#2	-.00284	-.00080	.01404	.00279	.02079	.02107	.14360	.00001
#3	-.00542	-.00386	.01370	.00037	.02019	.01488	.14246	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	3.7588	.00326	.00005	.00136	.12089	.02230	.10663
Stddev	.00006	.0142	.00012	.00019	.00038	.00160	.00011	.06762
%RSD	12.049	.37823	3.6340	400.49	28.086	1.3203	.48207	63.418

#1	.00044	3.7447	.00334	.00014	.00112	.11917	.02233	.18163
#2	.00056	3.7731	.00332	.00017	.00180	.12117	.02239	.08795
#3	.00051	3.7584	.00313	-.00017	.00116	.12233	.02218	.05031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	.00070	316.80	-.00013	.55668	.70442	-.00005	.01798
Stddev	.00030	.00015	5.46	.00021	.00244	.03385	.00027	.00819
%RSD	8.6193	21.157	1.7224	154.28	.43771	4.8057	498.82	45.586

#1	.00346	.00059	311.58	-.00036	.55863	.71917	.00007	.01584
#2	.00315	.00087	322.47	-.00008	.55395	.72839	-.00037	.02703
#3	.00375	.00064	316.35	.00004	.55745	.66569	.00013	.01106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14169	.05068	.00064	-.00242	.00494	-.0002	.00727	4.9300
Stddev	.00690	.00141	.00061	.00463	.00045	.0012	.00006	.1227
%RSD	4.8703	2.7861	95.381	191.47	9.1327	634.3	.79421	2.4897

#1	.13635	.04906	.00042	-.00386	.00527	-.0006	.00722	4.9800
#2	.14949	.05160	.00134	-.00616	.00443	-.0012	.00726	4.7901
#3	.13925	.05139	.00017	.00276	.00513	.0012	.00734	5.0198

Sample Name: K1502-10 Acquired: 2/16/2019 15:34:55 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-G-1-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3720
 Stddev .3750
 %RSD 8.5776

#1 3.9866
 #2 4.7357
 #3 4.3939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.3	29413.	3288.3	13.975	3044.1
Stddev	8.0	74.	22.4	1.551	12.4
%RSD	.27636	.25300	.68228	11.097	.40617

#1	2897.9	29355.	3272.0	12.298	3031.3
#2	2913.8	29388.	3278.9	14.270	3055.9
#3	2904.2	29497.	3313.9	15.357	3045.2

Sample Name: K1502-11 Acquired: 2/16/2019 15:39:28 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-H-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00839	-.00444	.33139	.00062	.01932	.26680	.48233	.00041
Stddev	.00316	.00051	.00138	.00239	.00128	.00965	.00119	.00006
%RSD	37.622	11.469	.41632	385.79	6.6288	3.6185	.24764	14.345

#1	-.01170	-.00478	.33062	.00318	.01945	.25574	.48132	.00035
#2	-.00804	-.00469	.33056	-.00156	.02054	.27354	.48201	.00046
#3	-.00542	-.00386	.33298	.00024	.01799	.27111	.48365	.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07214	36.619	.00358	.00908	.01225	1.2406	.82089	2.9295
Stddev	.00025	.222	.00034	.00027	.00061	.0086	.00202	.0339
%RSD	.34058	.60692	9.4781	2.9531	5.0046	.69490	.24580	1.1562

#1	.07189	36.387	.00335	.00893	.01294	1.2460	.82044	2.8923
#2	.07216	36.639	.00342	.00939	.01176	1.2451	.82310	2.9586
#3	.07238	36.830	.00397	.00892	.01205	1.2306	.81914	2.9376

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00984	.00027	280.67	-.00098	27.915	3.0338	-.00453	.07395
Stddev	.00034	.00059	1.91	.00025	.039	.0086	.00023	.00549
%RSD	3.4880	219.09	.67970	25.154	.13818	.28502	5.1098	7.4255

#1	.00950	.00058	278.51	-.00069	27.896	3.0290	-.00428	.07200
#2	.00984	.00064	281.41	-.00109	27.890	3.0438	-.00473	.08016
#3	.01018	-.00041	282.10	-.00115	27.959	3.0287	-.00460	.06971

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66907	1.0438	.00206	.01415	.00935	.0011	.09755	4.9305
Stddev	.01684	.0037	.00038	.00147	.00215	.0017	.00052	.0888
%RSD	2.5165	.35399	18.491	10.413	22.989	155.2	.53492	1.8015

#1	.68153	1.0457	.00165	.01519	.00687	.0023	.09710	4.8800
#2	.64991	1.0395	.00240	.01247	.01064	.0019	.09744	5.0330
#3	.67576	1.0462	.00213	.01480	.01055	-.0009	.09812	4.8784

Sample Name: K1502-11 Acquired: 2/16/2019 15:39:28 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-H-1-5 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6017
Stddev	.2108
%RSD	4.5811

#1	4.3920
#2	4.8136
#3	4.5996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.5	29815.	3348.1	13.323	3042.1
Stddev	5.8	79.	18.1	.256	1.6
%RSD	.20053	.26357	.54210	1.9188	.05380

#1	2916.9	29833.	3331.0	13.564	3040.4
#2	2910.4	29729.	3346.2	13.055	3043.6
#3	2922.1	29883.	3367.2	13.350	3042.4

Sample Name: K1502-12 Acquired: 2/16/2019 15:43:55 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-I-1-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00746	-.00349	.22111	.00076	.00347	.11347	.13155	-.00002
Stddev	.00191	.00283	.00115	.00114	.00215	.00641	.00271	.00002
%RSD	25.549	80.960	.51996	149.37	62.051	5.6508	2.0605	90.550

#1	-.00714	-.00416	.22242	.00194	.00591	.11163	.12877	-.00003
#2	-.00950	-.00594	.22024	.00070	.00189	.12061	.13418	-.00004
#3	-.00573	-.00039	.22069	-.00035	.00260	.10819	.13172	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10167	4.4536	.82978	.00316	.01802	.35875	.08885	.24898
Stddev	.00005	.0380	.01547	.00008	.00016	.00725	.00159	.02676
%RSD	.04428	.85295	1.8645	2.5288	.91475	2.0213	1.7867	10.749

#1	.10170	4.4099	.84738	.00307	.01815	.36705	.09068	.27603
#2	.10170	4.4729	.81832	.00321	.01806	.35365	.08793	.24838
#3	.10162	4.4781	.82364	.00320	.01783	.35555	.08793	.22251

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00423	.00056	278.73	.00148	22.770	1.2038	-.00392	.02081
Stddev	.00025	.00016	2.89	.00036	.008	.0370	.00007	.00718
%RSD	5.7996	28.117	1.0364	24.450	.03410	3.0741	1.7804	34.477

#1	.00398	.00062	275.67	.00189	22.773	1.2004	-.00397	.02896
#2	.00447	.00067	281.42	.00132	22.761	1.1685	-.00394	.01806
#3	.00423	.00038	279.11	.00122	22.775	1.2423	-.00384	.01542

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0390	.16712	.00048	.00140	.00023	.0258	.01330	4.7703
Stddev	.0097	.00617	.00066	.00394	.00245	.0014	.00008	.1546
%RSD	.93258	3.6939	137.35	282.63	1086.3	5.614	.59309	3.2402

#1	1.0482	.17408	-.00013	.00055	.00303	.0242	.01321	4.6579
#2	1.0289	.16497	.00039	-.00206	-.00145	.0271	.01335	4.7064
#3	1.0400	.16231	.00118	.00569	-.00090	.0261	.01333	4.9465

Sample Name: K1502-12 Acquired: 2/16/2019 15:43:55 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-I-1-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8342
 Stddev .8297
 %RSD 21.640

#1 3.6079
 #2 3.1410
 #3 4.7535

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.7	29962.	3326.6	13.366	3084.6
Stddev	4.4	137.	7.9	.760	5.4
%RSD	.15078	.45674	.23824	5.6869	.17620

#1	2927.4	29851.	3325.3	13.411	3078.4
#2	2931.6	30115.	3319.5	12.584	3087.1
#3	2936.2	29921.	3335.2	14.102	3088.4

Sample Name: K1502-13 Acquired: 2/16/2019 15:48:25 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-J-1-5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00825	-.00242	.11456	.00086	.00279	.05239	.25910	-.00009
Stddev	.00376	.00032	.00082	.00462	.00186	.00808	.00256	.00003
%RSD	45.517	13.323	.71256	539.10	66.575	15.421	.98826	40.176

#1	-.01195	-.00276	.11477	-.00372	.00350	.05601	.26205	-.00011
#2	-.00444	-.00212	.11525	.00077	.00068	.05802	.25776	-.00005
#3	-.00837	-.00239	.11366	.00552	.00420	.04313	.25749	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03440	1.7998	.33042	.00114	.00797	.61289	.04546	.14710
Stddev	.00016	.0098	.00022	.00012	.00043	.00505	.00007	.07904
%RSD	.46176	.54478	.06646	10.235	5.4100	.82365	.14606	53.731

#1	.03451	1.8052	.33020	.00126	.00748	.61694	.04545	.20940
#2	.03422	1.8057	.33044	.00102	.00828	.60724	.04540	.17370
#3	.03448	1.7885	.33064	.00115	.00814	.61450	.04553	.05819

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	.00042	267.88	.00021	10.255	1.0428	-.00152	.01981
Stddev	.00017	.00023	2.05	.00002	.021	.0432	.00027	.00912
%RSD	5.1703	54.122	.76614	11.458	.20396	4.1457	17.598	46.044

#1	.00337	.00016	267.67	.00021	10.255	1.0019	-.00130	.01071
#2	.00323	.00054	265.94	.00024	10.234	1.0880	-.00182	.01977
#3	.00304	.00056	270.02	.00019	10.275	1.0384	-.00145	.02895

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36291	.05742	.00054	.00166	-.00527	.0025	.00688	4.6732
Stddev	.02214	.00209	.00032	.00342	.00267	.0009	.00013	.1205
%RSD	6.1008	3.6474	59.877	206.12	50.655	35.14	1.9224	2.5793

#1	.34455	.05859	.00046	.00262	-.00338	.0023	.00701	4.7623
#2	.35669	.05500	.00026	-.00214	-.00832	.0017	.00674	4.7212
#3	.38750	.05867	.00089	.00449	-.00410	.0034	.00688	4.5360

Sample Name: K1502-13 Acquired: 2/16/2019 15:48:25 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-J-1-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4577
 Stddev 1.0270
 %RSD 41.787

#1 2.8548
 #2 3.2270
 #3 1.2915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.5	30196.	3387.8	12.857	3124.4
Stddev	7.8	78.	26.8	1.180	5.7
%RSD	.26117	.25785	.79029	9.1795	.18226

#1	2962.8	30151.	3361.1	12.289	3120.7
#2	2977.5	30151.	3414.7	14.214	3131.0
#3	2974.4	30286.	3387.6	12.068	3121.6

Sample Name: K1502-13DUP Acquired: 2/16/2019 15:52:56 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-J-1-5DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00858	-.00155	.11653	.00285	.00279	.04574	.26652	-.00003
Stddev	.00139	.00056	.00010	.00131	.00061	.00525	.00796	.00005
%RSD	16.190	36.066	.08191	45.902	22.001	11.469	2.9878	164.68

#1	-.00698	-.00169	.11663	.00298	.00339	.04575	.25758	-.00004
#2	-.00949	-.00202	.11644	.00148	.00217	.04048	.26911	.00002
#3	-.00927	-.00093	.11653	.00408	.00280	.05098	.27286	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03457	1.8077	.33168	.00119	.00788	.61478	.04569	.14749
Stddev	.00015	.0271	.00279	.00011	.00047	.00350	.00039	.04928
%RSD	.44686	1.4974	.84241	9.5215	5.9397	.56853	.84634	33.413

#1	.03457	1.7821	.33474	.00132	.00842	.61759	.04605	.09353
#2	.03442	1.8050	.33103	.00111	.00761	.61087	.04574	.15882
#3	.03472	1.8361	.32927	.00114	.00760	.61588	.04528	.19012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00305	.00066	265.71	.00031	10.327	1.0389	-.00177	.01810
Stddev	.00031	.00008	4.18	.00022	.027	.0253	.00012	.00534
%RSD	10.202	11.340	1.5715	72.103	.26022	2.4325	6.7446	29.488

#1	.00283	.00075	264.17	.00051	10.309	1.0098	-.00171	.01715
#2	.00340	.00062	262.52	.00007	10.314	1.0513	-.00170	.01330
#3	.00290	.00062	270.44	.00035	10.357	1.0556	-.00191	.02385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36924	.05891	.00035	.00058	.00009	.0018	.00698	4.8603
Stddev	.00999	.00313	.00055	.00265	.00126	.0005	.00005	.1414
%RSD	2.7057	5.3126	155.95	461.06	1362.8	28.10	.67172	2.9100

#1	.35824	.05542	.00089	.00163	.00153	.0021	.00703	4.8897
#2	.37170	.05985	.00038	-.00244	-.00080	.0012	.00694	4.7065
#3	.37776	.06146	-.00021	.00254	-.00045	.0019	.00697	4.9847

Sample Name: K1502-13DUP Acquired: 2/16/2019 15:52:56 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-J-1-5DU Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7699
Stddev	.3532
%RSD	12.751

#1	3.1599
#2	2.4717
#3	2.6781

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.4	29868.	3356.9	14.288	3087.2
Stddev	4.2	143.	27.7	1.123	3.7
%RSD	.14318	.47923	.82658	7.8593	.11948

#1	2941.0	29784.	3361.4	15.339	3084.6
#2	2947.2	30033.	3382.2	14.420	3091.5
#3	2939.1	29785.	3327.2	13.105	3085.6

Sample Name: K1502-13LX5 Acquired: 2/16/2019 15:57:27 Type: Unk
Method: P4-ICP2(v2867) 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	-.00642	-.00107	.02463	-.00244	.00020	.01279	.03262	.00007
Stddev	.00088	.00076	.00106	.00342	.00136	.00717	.00716	.00010
%RSD	13.644	70.840	4.2917	139.85	696.41	56.068	21.962	137.87

#1	-.00678	-.00020	.02341	-.00551	.00173	.01808	.02439	.00017
#2	-.00706	-.00156	.02523	.00124	-.00087	.00463	.03749	-.00002
#3	-.00543	-.00146	.02525	-.00306	-.00027	.01565	.03597	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.38543	.06981	.00012	.00133	.13623	.00982	.08094
Stddev	.00007	.01747	.00018	.00007	.00009	.00038	.00002	.04972
%RSD	.95855	4.5315	.25428	59.039	6.6707	.27760	.23973	61.433

#1	.00729	.38535	.07000	.00020	.00141	.13602	.00984	.13649
#2	.00719	.40293	.06965	.00006	.00133	.13667	.00981	.04060
#3	.00732	.36800	.06977	.00009	.00124	.13601	.00980	.06574

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00080	57.877	.00035	2.2383	.44190	-.00057	.00304
Stddev	.00027	.00036	.400	.00044	.0027	.01675	.00003	.00331
%RSD	66.028	44.977	.69095	124.35	.12072	3.7899	5.7795	108.98

#1	.00038	.00098	57.633	.00081	2.2380	.43631	-.00060	.00056
#2	.00068	.00102	57.661	.00032	2.2357	.42867	-.00059	.00175
#3	.00015	.00038	58.339	-.00007	2.2411	.46073	-.00054	.00680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03821	.01199	.00048	-.00138	-.00286	-.0014	.00157	4.2931
Stddev	.00545	.00116	.00020	.00079	.00238	.0006	.00011	.0368
%RSD	14.252	9.6771	42.135	57.489	83.212	40.85	6.7862	.85787

#1	.03879	.01096	.00031	-.00228	-.00030	-.0009	.00169	4.3304
#2	.03250	.01176	.00070	-.00080	-.00327	-.0014	.00148	4.2920
#3	.04335	.01325	.00042	-.00105	-.00501	-.0020	.00154	4.2568

Sample Name: K1502-13LX5 Acquired: 2/16/2019 15:57:27 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3208
Stddev .4537
%RSD 19.549

#1 2.6087
#2 1.7978
#3 2.5559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.7	30812.	3328.2	13.828	3256.4
Stddev	6.8	80.	1.9	.635	9.3
%RSD	.22384	.26028	.05658	4.5949	.28477

#1	3025.6	30724.	3329.7	13.104	3253.5
#2	3039.1	30830.	3328.9	14.088	3266.7
#3	3033.5	30881.	3326.1	14.291	3248.9

Sample Name: CCV05 Acquired: 2/16/2019 16:01:52 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14563 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0818	4.9479	4.9010	5.0495	5.1500	10.335	9.2084	.25092
Stddev	.0116	.0076	.0165	.0014	.0009	.178	.0393	.00013
%RSD	.22750	.15399	.33756	.02760	.01821	1.7253	.42713	.05237
#1	5.0949	4.9538	4.9127	5.0481	5.1506	10.148	9.2516	.25101
#2	5.0772	4.9506	4.9082	5.0495	5.1505	10.356	9.1989	.25097
#3	5.0732	4.9393	4.8821	5.0509	5.1489	10.502	9.1747	.25077
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5460	24.304	1.0510	2.5230	1.2554	4.9167	2.6214	24.094
Stddev	.0081	.246	.0008	.0065	.0018	.0261	.0085	.200
%RSD	.31736	1.0119	.07362	.25568	.14538	.53167	.32573	.83102
#1	2.5520	24.087	1.0511	2.5226	1.2575	4.9367	2.6282	23.863
#2	2.5491	24.571	1.0502	2.5296	1.2540	4.9261	2.6118	24.204
#3	2.5368	24.253	1.0518	2.5167	1.2548	4.8871	2.6241	24.214
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5354	1.2544	24.142	2.6633	2.4684	23.081	4.8847	4.6237
Stddev	.0108	.0020	.052	.0043	.0086	.086	.0055	.0186
%RSD	.42522	.16158	.21454	.16301	.34846	.37351	.11179	.40114
#1	2.5413	1.2540	24.150	2.6587	2.4716	23.180	4.8910	4.6077
#2	2.5420	1.2526	24.189	2.6638	2.4749	23.042	4.8819	4.6193
#3	2.5230	1.2566	24.087	2.6673	2.4586	23.021	4.8813	4.6440
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8069	F 4.3878	4.7367	4.8209	4.7833	4.843	4.9440	4.9566
Stddev	.0370	.0386	.0209	.0494	.0096	.008	.0097	.0020
%RSD	.77016	.87975	.44135	1.0246	.19988	.1665	.19573	.03960
#1	4.7646	4.4161	4.7602	4.7692	4.7935	4.850	4.9489	4.9581
#2	4.8335	4.4034	4.7298	4.8257	4.7816	4.843	4.9502	4.9574
#3	4.8226	4.3438	4.7201	4.8677	4.7746	4.834	4.9328	4.9544

Sample Name: CCV05 Acquired: 2/16/2019 16:01:52 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14563 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2249
Stddev	.8382
%RSD	68.430

#1	1.1900
#2	.40474
#3	2.0801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.5	29825.	3278.5	13.399	3046.5
Stddev	3.4	90.	29.3	1.762	11.6
%RSD	.11642	.30032	.89510	13.151	.37966

#1	2928.8	29780.	3246.9	15.412	3042.8
#2	2926.5	29928.	3283.9	12.136	3037.2
#3	2933.2	29767.	3304.8	12.648	3059.4

Sample Name: CC0B5 Acquired: 2/16/2019 16:05:52 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14563 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00352	.00037	.00073	.00005	-.00032	.00010	-.02985
Stddev	.00188	.00139	.00066	.00277	.00045	.00688	.00253
%RSD	53.482	374.13	90.598	5574.9	141.56	6682.0	8.4637

#1	-.00158	.00135	.00058	.00179	-.00020	-.00350	-.03232
#2	-.00534	-.00122	.00016	.00150	.00006	-.00422	-.02727
#3	-.00365	.00099	.00145	-.00315	-.00081	.00803	-.02997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	.00174	.00016	-.00011	-.00006	-.00138
Stddev	.00011	.00008	.01426	.00042	.00020	.00042	.00140
%RSD	429.85	149.85	821.25	267.27	176.57	652.88	101.78

#1	.00009	.00011	-.00839	.00058	-.00028	-.00004	-.00077
#2	.00008	-.00004	.01805	.00014	.00010	-.00049	-.00039
#3	-.00010	.00010	-.00444	-.00026	-.00016	.00034	-.00299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.02781	-.00045	.00075	-.06326	-.00005	.00104
Stddev	.00003	.02303	.00019	.00039	.01638	.00044	.00002
%RSD	53.956	82.821	43.112	51.346	25.891	950.28	1.9008

#1	.00003	.01463	-.00033	.00069	-.04435	-.00016	.00106
#2	.00010	.05440	-.00034	.00040	-.07299	.00044	.00102
#3	.00006	.01439	-.00067	.00117	-.07245	-.00042	.00106

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17984	-.00016	-.00723	F -.03751	-.00184	.00024	.00022
Stddev	.04808	.00020	.00696	.01339	.00202	.00031	.00120
%RSD	26.733	123.37	96.192	35.697	109.44	126.88	553.39

#1	.16146	-.00039	-.00059	-.04434	-.00120	.00007	.00018
#2	.23440	-.00000	-.00665	-.02208	-.00022	.00060	.00143
#3	.14367	-.00010	-.01447	-.04612	-.00410	.00006	-.00096

Sample Name: CC0B5 Acquired: 2/16/2019 16:05:52 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14563 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00646	-0.0020	.00018	F 4.1521	F 1.0967
Stddev	.00186	.0019	.00008	.0982	.2055
%RSD	28.871	93.37	45.966	2.3651	18.738

#1	-0.00451	-0.0042	.00023	4.0999	1.2141
#2	-0.00823	-0.0009	.00022	4.0911	.85942
#3	-0.00663	-0.0010	.00009	4.2654	1.2166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3047.6	31054.	3253.4	13.230	3376.8
Stddev	22.4	117.	22.1	.805	20.5
%RSD	.73533	.37643	.68059	6.0853	.60626

#1	3028.8	30976.	3260.9	13.943	3359.4
#2	3041.7	31189.	3270.8	13.389	3371.6
#3	3072.4	30999.	3228.5	12.357	3399.3

Sample Name: K1502-13MS Acquired: 2/16/2019 16:10:20 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-J-1-5MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83252	1.9904	1.1309	2.1267	.85314	2.2316	.54990
Stddev	.00240	.0085	.0009	.0066	.00490	.0189	.00978
%RSD	.28839	.42819	.07563	.31137	.57438	.84853	1.7792

#1	.83035	1.9996	1.1310	2.1254	.84913	2.2098	.53906
#2	.83211	1.9888	1.1299	2.1340	.85860	2.2427	.55255
#3	.83510	1.9828	1.1316	2.1209	.85167	2.2424	.55809

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20472	.24626	3.3294	.83883	.21281	.31969	3.8204
Stddev	.00056	.00034	.0141	.00199	.00075	.00047	.0306
%RSD	.27262	.13758	.42423	.23777	.35477	.14559	.80136

#1	.20535	.24632	3.3134	.83884	.21366	.31979	3.7917
#2	.20431	.24656	3.3400	.84082	.21221	.31919	3.8527
#3	.20448	.24589	3.3349	.83683	.21257	.32010	3.8169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27315	2.2280	.51212	.07524	332.16	.33148	12.702
Stddev	.00097	.0902	.00250	.00100	4.76	.00218	.024
%RSD	.35520	4.0482	.48833	1.3269	1.4342	.65799	.19193

#1	.27423	2.1351	.51392	.07569	326.85	.33122	12.728
#2	.27286	2.2336	.51318	.07593	336.07	.33378	12.699
#3	.27236	2.3152	.50927	.07409	333.56	.32944	12.680

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.776	.42207	.31925	.47320	.91132	.71277	.21179
Stddev	.044	.00097	.00454	.02386	.00063	.00219	.00197
%RSD	.40807	.22923	1.4206	5.0426	.06912	.30781	.93166

#1	10.738	.42099	.31939	.49999	.91067	.71149	.21271
#2	10.765	.42233	.31464	.45422	.91137	.71531	.21313
#3	10.824	.42287	.32371	.46541	.91193	.71153	.20952

Sample Name: K1502-13MS Acquired: 2/16/2019 16:10:20 Type: Unk
 Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-J-1-5MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21146	5.964	.21183	5.1325	F<.00000
Stddev	.00114	.018	.00065	.0557	.96053
%RSD	.53899	.3002	.30678	1.0853	11.647

#1	.21072	5.980	.21117	5.1239	-7.2731
#2	.21090	5.968	.21187	5.1920	-8.2742
#3	.21278	5.944	.21246	5.0816	-9.1935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.6	29728.	3274.1	14.405	3027.3
Stddev	4.0	121.	14.8	.282	6.9
%RSD	.13781	.40816	.45228	1.9602	.22863

#1	2910.8	29611.	3285.0	14.668	3019.3
#2	2918.2	29719.	3257.3	14.441	3030.6
#3	2911.8	29853.	3280.2	14.107	3031.9

Sample Name: K1502-13MSD Acquired: 2/16/2019 16:14:35 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-J-1-5MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83532	1.9843	1.1319	2.1272	.85516	2.2331	.54455
Stddev	.00271	.0022	.0006	.0060	.00147	.0282	.01059
%RSD	.32492	.11332	.05678	.28186	.17149	1.2609	1.9446

#1	.83280	1.9840	1.1316	2.1335	.85653	2.2025	.53789
#2	.83820	1.9866	1.1326	2.1215	.85535	2.2580	.55676
#3	.83497	1.9822	1.1314	2.1267	.85361	2.2387	.53900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20537	.24692	3.3273	.84444	.21346	.32047	3.7971
Stddev	.00070	.00047	.0208	.00190	.00089	.00060	.0082
%RSD	.34166	.19051	.62485	.22522	.41652	.18585	.21528

#1	.20580	.24647	3.3327	.84234	.21386	.32053	3.8046
#2	.20456	.24741	3.3448	.84605	.21408	.31985	3.7983
#3	.20575	.24687	3.3043	.84493	.21244	.32103	3.7884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27376	2.2260	.51096	.07631	332.42	.33327	12.761
Stddev	.00090	.0072	.00217	.00098	1.96	.00110	.006
%RSD	.32931	.32234	.42523	1.2836	.58886	.33044	.04869

#1	.27324	2.2210	.51134	.07697	330.22	.33324	12.767
#2	.27480	2.2342	.51292	.07518	333.97	.33439	12.763
#3	.27324	2.2227	.50863	.07677	333.07	.33219	12.754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.868	.42311	.32626	.45151	.90698	.71401	.21076
Stddev	.072	.00031	.00929	.01617	.00351	.00102	.00378
%RSD	.66635	.07325	2.8463	3.5813	.38663	.14311	1.7930

#1	10.882	.42302	.31656	.45095	.90456	.71313	.20780
#2	10.932	.42285	.32716	.43562	.90539	.71513	.21501
#3	10.789	.42345	.33507	.46795	.91101	.71376	.20946

Sample Name: K1502-13MSD Acquired: 2/16/2019 16:14:35 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-J-1-5MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21694	5.985	.21103	5.1592	F<.00000
Stddev	.00238	.006	.00109	.0986	.34139
%RSD	1.0987	.0969	.51736	1.9120	4.3346
#1	.21446	5.979	.20993	5.1811	-8.0733
#2	.21921	5.990	.21212	5.0515	-7.4818
#3	.21716	5.987	.21105	5.2451	-8.0729
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.4	29672.	3284.8	14.273	3037.0
Stddev	9.6	22.	11.4	.593	6.8
%RSD	.32741	.07578	.34582	4.1520	.22320
#1	2915.1	29698.	3271.8	13.964	3029.2
#2	2934.2	29661.	3292.7	14.957	3040.2
#3	2923.8	29657.	3289.9	13.900	3041.6

Sample Name: K1502-13A Acquired: 2/16/2019 16:18:50 Type: Unk
Method: P4-ICP2(v2867) 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	.82360	1.9735	1.1261	2.1114	.84928	2.2346	.54222
Stddev	.00560	.0121	.0054	.0135	.00284	.0067	.00126
%RSD	.67947	.61073	.47751	.63962	.33449	.30189	.23230

#1	.82315	1.9823	1.1257	2.1153	.84954	2.2315	.54156
#2	.82941	1.9784	1.1316	2.1225	.85198	2.2424	.54367
#3	.81825	1.9598	1.1209	2.0963	.84632	2.2301	.54142

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20383	.24526	3.3130	.84181	.21122	.31756	3.7883
Stddev	.00026	.00078	.0225	.00222	.00019	.00186	.0242
%RSD	.12664	.31691	.67966	.26374	.08869	.58468	.63914

#1	.20354	.24597	3.2870	.83966	.21112	.31956	3.8088
#2	.20403	.24537	3.3250	.84410	.21143	.31723	3.7945
#3	.20392	.24443	3.3269	.84167	.21110	.31589	3.7616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27141	2.1361	.50815	.07547	331.57	.33292	12.660
Stddev	.00063	.0394	.00078	.00044	1.21	.00189	.051
%RSD	.23080	1.8467	.15254	.58277	.36444	.56739	.40276

#1	.27079	2.0925	.50729	.07518	330.46	.33224	12.719
#2	.27140	2.1465	.50879	.07598	332.86	.33505	12.626
#3	.27204	2.1694	.50837	.07526	331.38	.33146	12.637

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.779	.42002	.31562	.43482	.90496	.71114	.21113
Stddev	.060	.00101	.01757	.00705	.00718	.00266	.00278
%RSD	.55569	.24091	5.5676	1.6215	.79384	.37342	1.3145

#1	10.769	.41982	.29687	.44132	.91228	.71180	.21338
#2	10.725	.42112	.33171	.43582	.90466	.71340	.20803
#3	10.843	.41913	.31828	.42733	.89792	.70822	.21198

Sample Name: K1502-13A Acquired: 2/16/2019 16:18:50 Type: Unk
 Method: P4-ICP2(v2867) 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	.21680	5.926	.21041	5.1068	F<.00000
Stddev	.00284	.015	.00076	.0334	.46915
%RSD	1.3101	.2469	.36097	.65327	6.8954
#1	.21970	5.939	.20978	5.1439	-6.7683
#2	.21403	5.930	.21125	5.0972	-6.3533
#3	.21667	5.910	.21020	5.0793	-7.2896
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2966.7	29888.	3317.3	13.179	3079.4
Stddev	13.3	67.	25.3	.354	9.9
%RSD	.44777	.22409	.76234	2.6877	.32290
#1	2953.7	29846.	3294.8	13.005	3068.0
#2	2966.1	29852.	3312.3	13.586	3084.3
#3	2980.2	29965.	3344.7	12.945	3086.1

Sample Name: CCV06 Acquired: 2/16/2019 16:23:06 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7944 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9911	4.8926	4.8383	4.9677	5.0660	10.071	9.1512	.24720
Stddev	.0072	.0128	.0129	.0130	.0049	.100	.0483	.00032
%RSD	.14319	.26213	.26642	.26203	.09715	.99072	.52781	.12784
#1	4.9847	4.8785	4.8284	4.9529	5.0614	10.061	9.1548	.24736
#2	4.9988	4.9035	4.8529	4.9775	5.0712	9.9766	9.1976	.24741
#3	4.9899	4.8957	4.8335	4.9727	5.0655	10.175	9.1012	.24684
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5138	24.132	1.0344	2.4907	1.2387	4.9065	2.5777	23.872
Stddev	.0033	.148	.0072	.0067	.0029	.0432	.0091	.147
%RSD	.13215	.61173	.69240	.26939	.23655	.88003	.35377	.61531
#1	2.5104	24.008	1.0421	2.4832	1.2374	4.9542	2.5881	23.708
#2	2.5170	24.091	1.0332	2.4963	1.2420	4.8952	2.5739	23.918
#3	2.5141	24.295	1.0279	2.4925	1.2366	4.8700	2.5712	23.991
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5036	1.2384	24.109	2.6186	2.4367	23.142	4.8212	4.6079
Stddev	.0070	.0089	.090	.0199	.0063	.106	.0066	.0200
%RSD	.28140	.72174	.37469	.76138	.25816	.45763	.13700	.43465
#1	2.4960	1.2488	24.059	2.6409	2.4311	23.140	4.8180	4.5871
#2	2.5099	1.2336	24.214	2.6123	2.4435	23.249	4.8288	4.6095
#3	2.5049	1.2330	24.055	2.6025	2.4354	23.037	4.8168	4.6270
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7425	F 4.3837	4.6941	4.7679	4.7764	4.770	4.9184	4.6613
Stddev	.0240	.0103	.0092	.0255	.0184	.005	.0250	.1403
%RSD	.50714	.23509	.19596	.53368	.38546	.0975	.50856	3.0103
#1	4.7683	4.3946	4.6837	4.7392	4.7703	4.771	4.9103	4.8156
#2	4.7386	4.3824	4.7010	4.7875	4.7971	4.774	4.9465	4.6272
#3	4.7207	4.3742	4.6976	4.7771	4.7618	4.765	4.8985	4.5413

Sample Name: CCV06 Acquired: 2/16/2019 16:23:06 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7944 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7069
Stddev .7229
%RSD 26.706

#1 2.6451
#2 2.0169
#3 3.4588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2984.8	30516.	3302.2	12.626	3096.3
Stddev	5.4	108.	14.7	.687	6.3
%RSD	.17994	.35302	.44658	5.4421	.20271

#1	2988.5	30395.	3286.3	13.345	3102.6
#2	2978.6	30554.	3305.0	12.558	3090.1
#3	2987.1	30600.	3315.4	11.976	3096.2

Sample Name: CCB06 Acquired: 2/16/2019 16:27:04 Type: Unk
Method: P4-ICP2(v2867) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00466	.00003	-.00001	-.00052	-.00143	.00096	-.02802
Stddev	.00280	.00123	.00094	.00192	.00080	.01455	.00476
%RSD	60.001	4186.4	7630.8	369.90	55.855	1509.3	16.980

#1	-.00514	-.00096	-.00102	-.00266	-.00178	.00633	-.02723
#2	-.00719	.00140	.00084	.00104	-.00200	.01207	-.02371
#3	-.00166	-.00035	.00014	.00006	-.00052	-.01551	-.03313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00006	-.00403	.00047	.00016	-.00018	-.00231
Stddev	.00012	.00005	.00619	.00022	.00013	.00030	.00073
%RSD	1916.7	92.705	153.69	47.607	78.342	168.01	31.586

#1	.00013	.00000	.00199	.00021	.00024	.00017	-.00260
#2	-.00011	.00011	-.01038	.00063	.00023	-.00034	-.00285
#3	-.00000	.00006	-.00369	.00057	.00002	-.00036	-.00148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01989	-.00024	.00088	.00049	.00016	.00068
Stddev	.00003	.02494	.00033	.00071	.00820	.00061	.00014
%RSD	112.72	125.42	137.77	80.590	1661.7	371.24	20.420

#1	.00002	.00888	.00013	.00083	.00900	-.00043	.00081
#2	.00005	-.03544	-.00051	.00161	-.00736	.00079	.00070
#3	-.00000	-.03311	-.00034	.00020	-.00016	.00013	.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24441	-.00009	-.00623	F -.04002	-.00072	-.00018	.00118
Stddev	.03618	.00028	.00209	.01108	.00196	.00008	.00106
%RSD	14.801	314.71	33.491	27.678	270.60	45.347	90.387

#1	.28544	.00004	-.00585	-.02847	-.00257	-.00012	.00196
#2	.23068	-.00041	-.00849	-.04101	-.00093	-.00015	-.00003
#3	.21711	.00010	-.00437	-.05056	.00133	-.00028	.00161

Sample Name: CCB06 Acquired: 2/16/2019 16:27:04 Type: Unk
Method: P4-ICP2(v2867) 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	-.00652	-.0016	.00016	F 3.8718	F 1.5746
Stddev	.00465	.0015	.00012	.1832	.4350
%RSD	71.320	89.78	72.388	4.7326	27.624
#1	-.00829	-.0028	.00027	3.9791	1.0729
#2	-.00125	-.0022	.00017	3.9760	1.8453
#3	-.01003	.0000	.00004	3.6602	1.8057
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3085.8	31508.	3309.3	12.520	3416.8
Stddev	4.3	132.	15.1	.349	.7
%RSD	.13977	.41894	.45542	2.7861	.02117
#1	3089.3	31377.	3315.6	12.832	3416.0
#2	3087.2	31641.	3320.2	12.584	3417.4
#3	3081.0	31506.	3292.1	12.143	3417.0