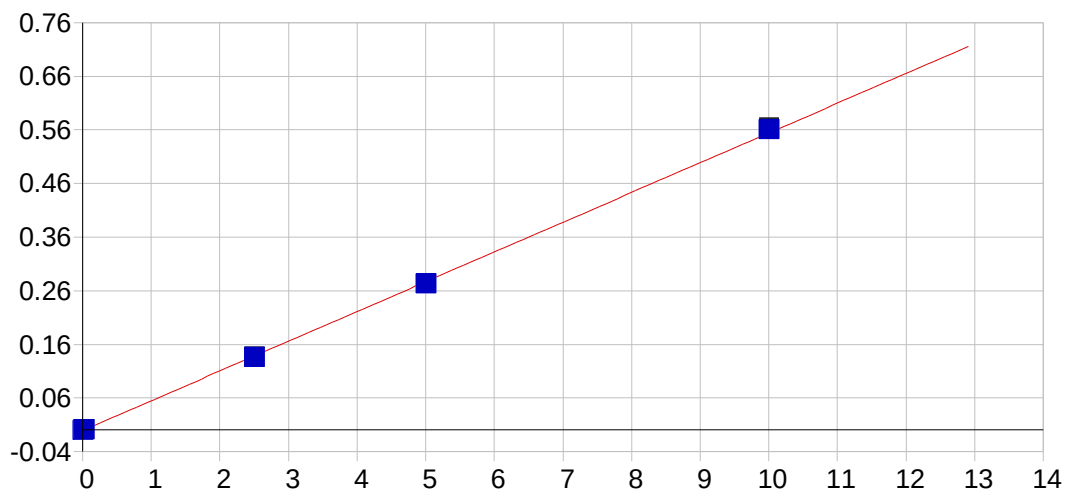


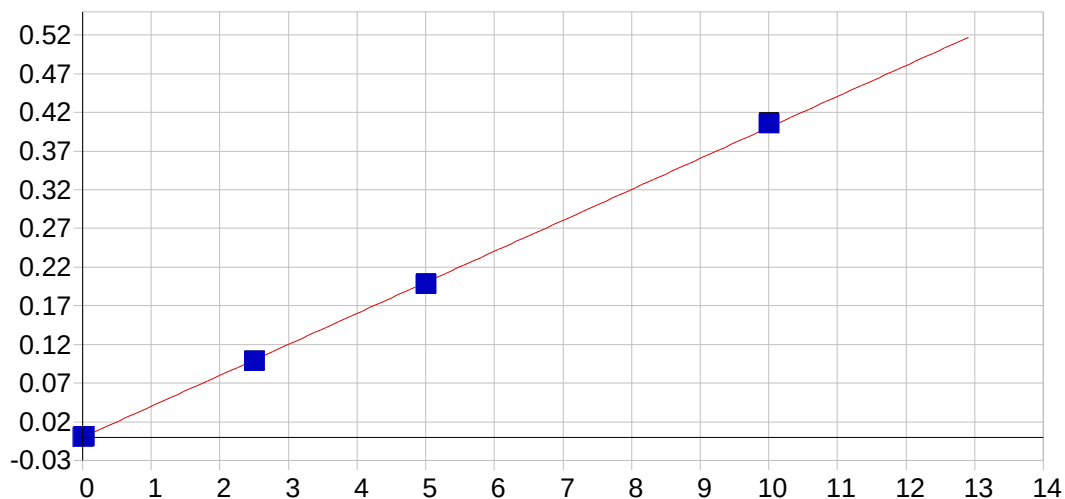


As 189.042 {478}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000689 Re-Slope: 1.000000
 A1 (Gain): 0.055500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003170
 Predicted MQL: 0.010567

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.02000	.02200	.002	10.00	.00053	.000	1
S3	2.5000	2.4543	-.046	-1.83	.13552	.001	1
S4	5.0000	4.9257	-.074	-1.49	.27267	.000	1
S5	10.000	10.118	.118	1.18	.56082	.002	1



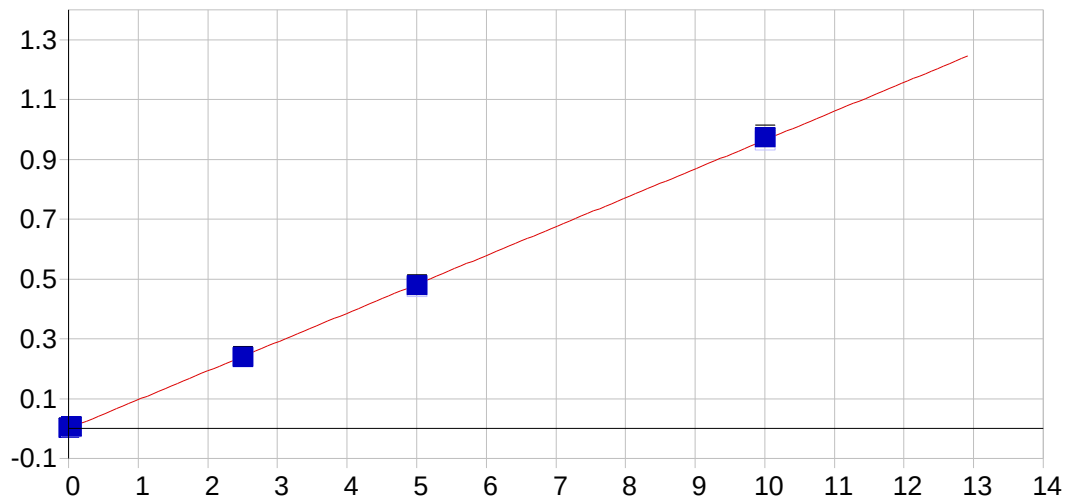
As 189.042 {479}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000

A1 (Gain): 0.040062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002835
 Predicted MQL: 0.009451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02101	.001	5.06	.00077	.000	1
S3	2.5000	2.4531	-.047	-1.88	.09821	.000	1
S4	5.0000	4.9329	-.067	-1.34	.19756	.001	1
S5	10.000	10.113	.113	1.13	.40508	.001	1

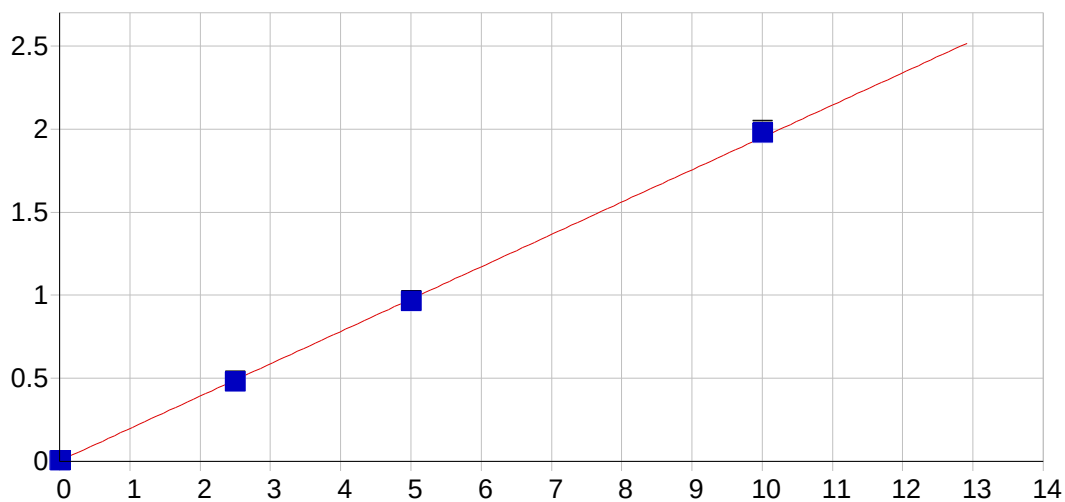


TI 190.856 {477}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.096448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.001607
 Predicted MQL: 0.005357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.04000	.04017	.000	.436	.00368	.000	1
S3	2.5000	2.4712	-.029	-1.15	.23578	.001	1
S4	5.0000	4.9486	-.051	-1.03	.47224	.003	1
S5	10.000	10.080	.080	.801	.96222	.008	1

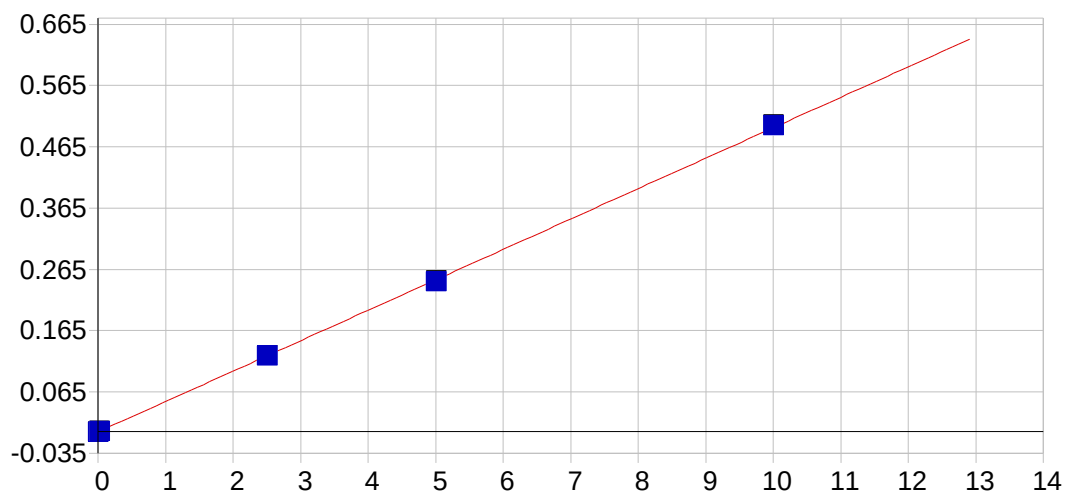


Pb 220.353 {453}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003222 Re-Slope: 1.000000
 A1 (Gain): 0.194641 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.001197
 Predicted MQL: 0.003991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00322	.000	1
S1	.01200	.01020	-.002	-15.0	.00517	.000	1
S3	2.5000	2.4463	-.054	-2.15	.47876	.002	1
S4	5.0000	4.9237	-.076	-1.53	.96036	.004	1
S5	10.000	10.132	.132	1.32	1.9728	.014	1



Se 196.090 {472}

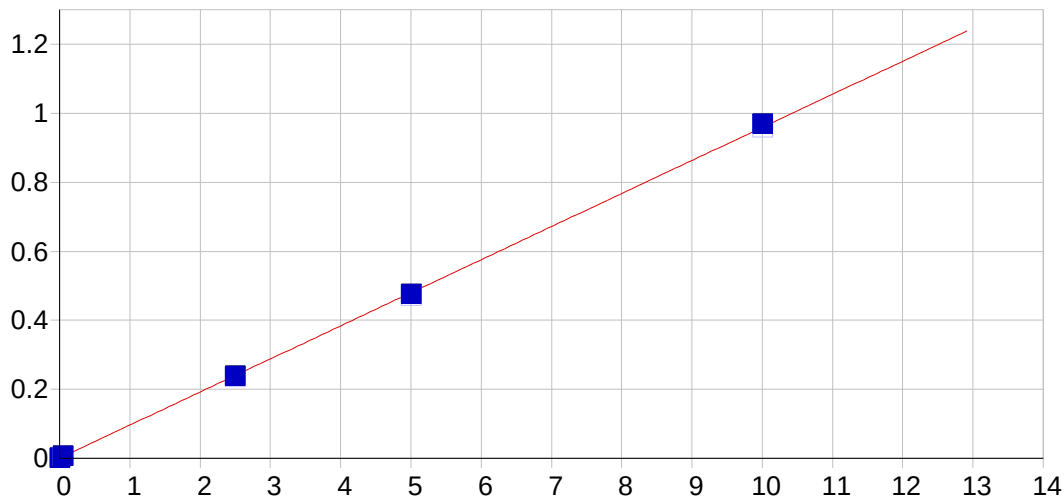
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.049633 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000009
 Predicted MDL: 0.003291
 Predicted MQL: 0.010970

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.02000	.02000	-.000	-.005	.00073	.000	1
S3	2.5000	2.4990	-.001	-.039	.12371	.000	1
S4	5.0000	4.9399	-.060	-1.20	.24479	.001	1
S5	10.000	10.061	.061	.611	.49884	.001	1



Sb 206.833 {463}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

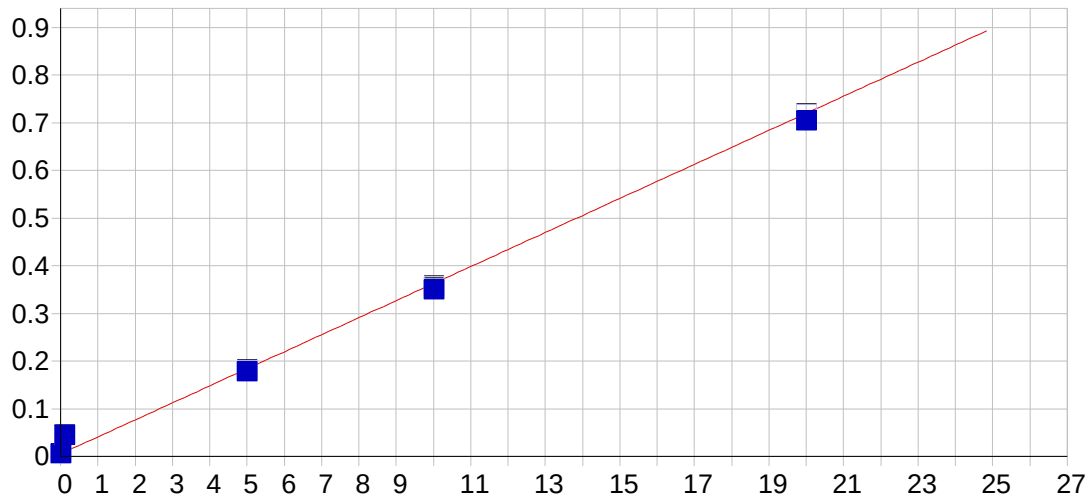
Weighting: 1/Conc

A0 (Offset): 0.000545
 A1 (Gain): 0.095918
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000040
 Predicted MDL: 0.002084
 Predicted MQL: 0.006946

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	.00055	.000	1
S1	.05000	.05146	.001	2.92	.00536	.000	1
S3	2.5000	2.4677	-.032	-1.29	.23454	.000	1
S4	5.0000	4.9389	-.061	-1.22	.46888	.000	1
S5	10.000	10.092	.092	.920	.95776	.001	1

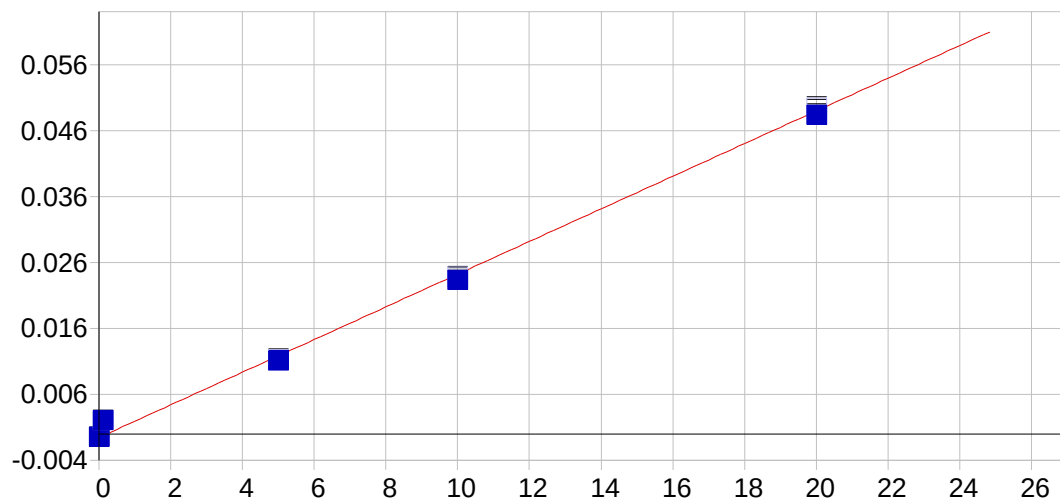


AI 308.215 {109}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005055 Re-Slope: 1.000000
 A1 (Gain): 0.035747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.886315 Status: OK.
 Std Error of Est: 0.001456
 Predicted MDL: 0.003051
 Predicted MQL: 0.010170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00099	-.001	.000	.00502	.000	1
S1	.10000	1.0963	.996	996.	.04449	.000	1
S3	5.0000	4.8069	-.193	-3.86	.18045	.000	1
S4	10.000	9.6220	-.378	-3.78	.35613	.001	1
S5	20.000	19.526	-.474	-2.37	.71731	.001	1



AI 309.271 {109}

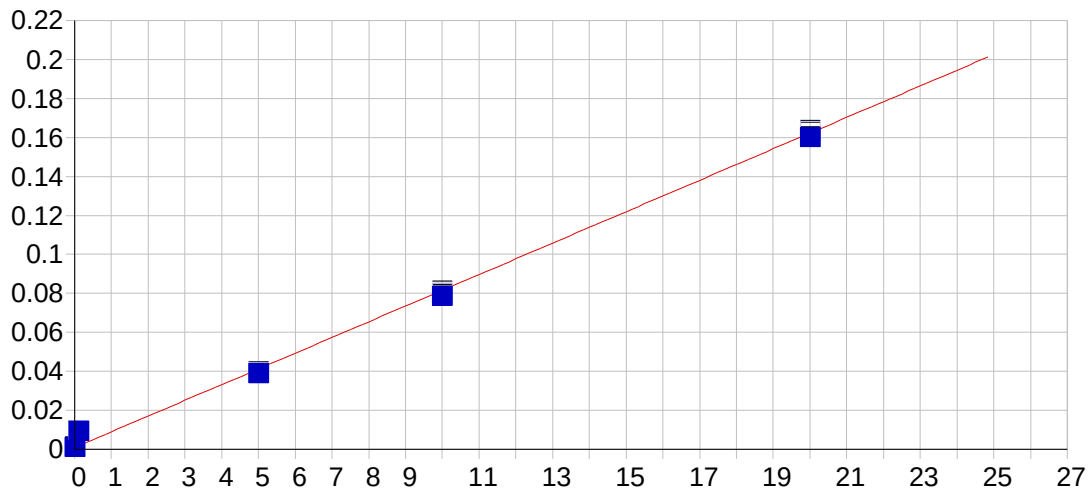
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.002476 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.898643
 Std Error of Est: 0.000094
 Predicted MDL: 0.029937
 Predicted MQL: 0.099790

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00092	-.001	.000	-.00055	.000	1
S1	.10000	1.0303	.930	930.	.00202	.000	1
S3	5.0000	4.6692	-.331	-6.62	.01126	.000	1
S4	10.000	9.6092	-.391	-3.91	.02374	.000	1
S5	20.000	19.746	-.254	-1.27	.04934	.000	1



AI 396.152 { 85}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

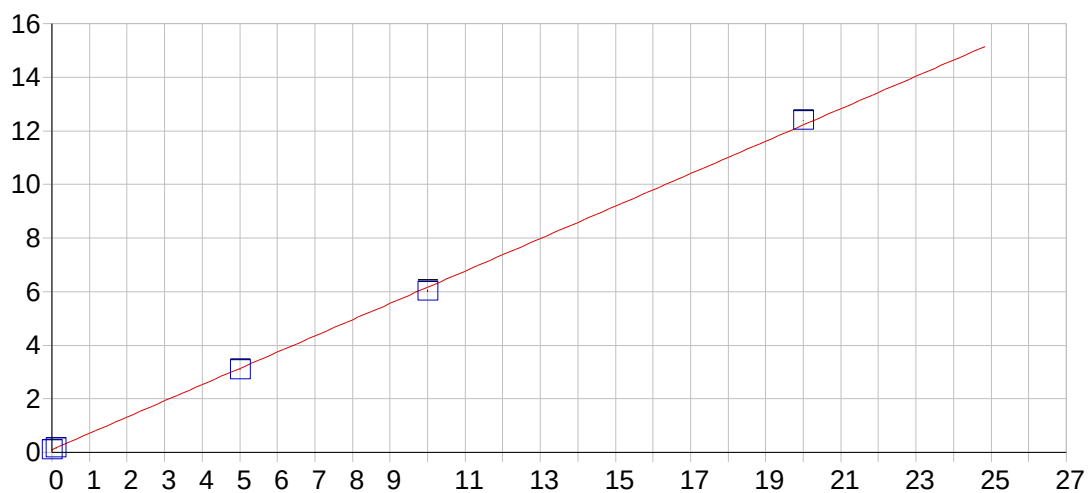
Weighting: 1/Conc

A0 (Offset): 0.000937
 A1 (Gain): 0.008065
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.896174
 Std Error of Est: 0.000311
 Predicted MDL: 0.014714
 Predicted MQL: 0.049047

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	-.00093	-.001	.000	.00093	.000	1
S1	.10000	1.0437	.944	944.	.00941	.000	1
S3	5.0000	4.6881	-.312	-6.24	.03955	.000	1
S4	10.000	9.6220	-.378	-3.78	.08014	.001	1
S5	20.000	19.700	-.300	-1.50	.16303	.000	1

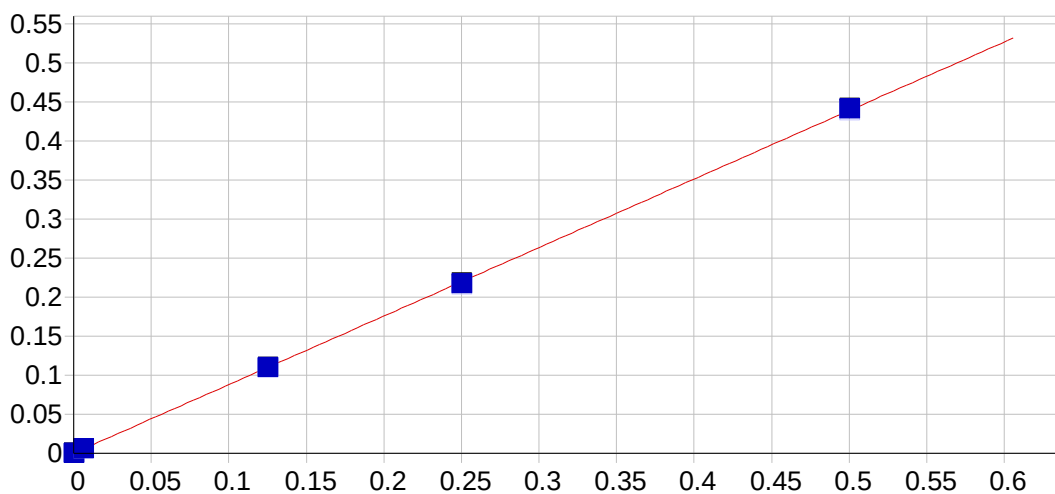


Ba 493.409 { 68}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.106275 Re-Slope: 1.000000
 A1 (Gain): 0.605546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000796
 Predicted MDL: 0.004635
 Predicted MQL: 0.015451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.10627	.001	1
S1	.10000	.10614	.006	6.14	.17055	.002	1
S3	5.0000	4.9289	-.071	-1.42	3.0909	.007	1
S5	20.000	20.286	.286	1.43	12.391	.015	1
S4	10.000	9.7787	-.221	-2.21	6.0277	.034	1



Be 234.861 {144}

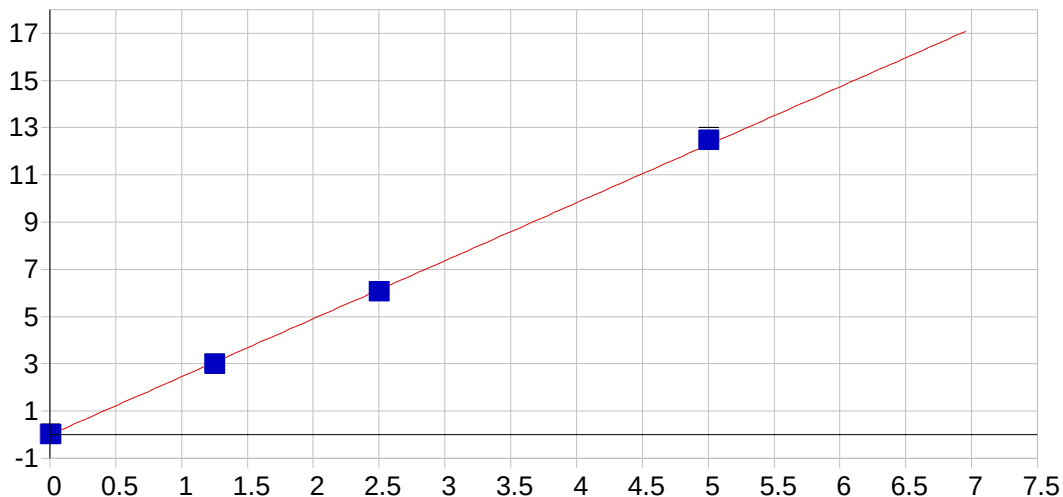
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.877739 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000022
 Predicted MDL: 0.000075
 Predicted MQL: 0.000251

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.00600	.00638	.000	6.33	.00579	.000	1
S3	.12500	.12488	-.000	-.099	.10916	.000	1
S4	.25000	.24729	-.003	-1.08	.21592	.001	1
S5	.50000	.50245	.002	.490	.43850	.001	1



Cd 226.502 {449}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

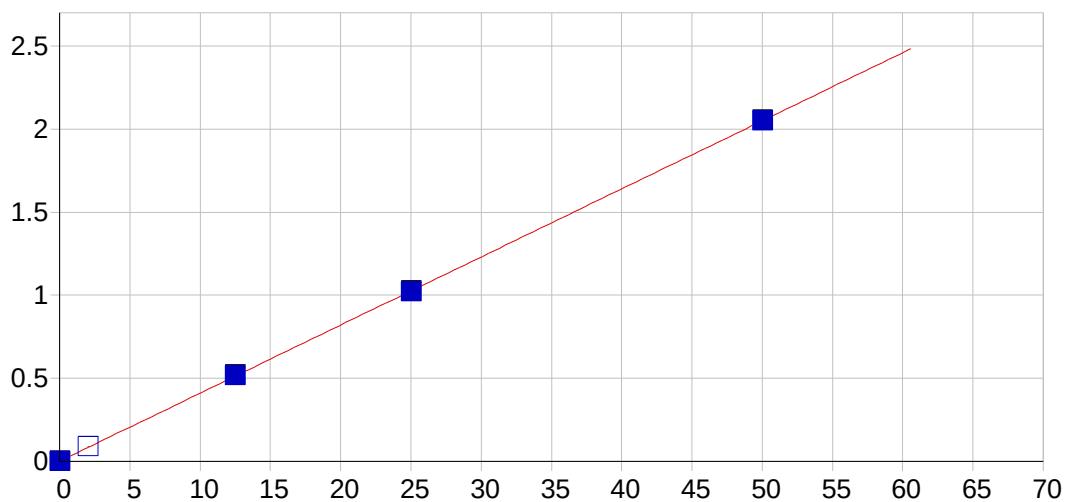
Weighting: 1/Conc

A0 (Offset): -0.003099
 A1 (Gain): 2.456468
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000441
 Predicted MDL: 0.000113
 Predicted MQL: 0.000375

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	-.00310	.000	1
S1	.00600	.00577	-.000	-3.86	.01110	.000	1
S3	1.2500	1.2111	-.039	-3.11	2.9727	.008	1
S4	2.5000	2.4582	-.042	-1.67	6.0368	.024	1
S5	5.0000	5.0809	.081	1.62	12.481	.094	1

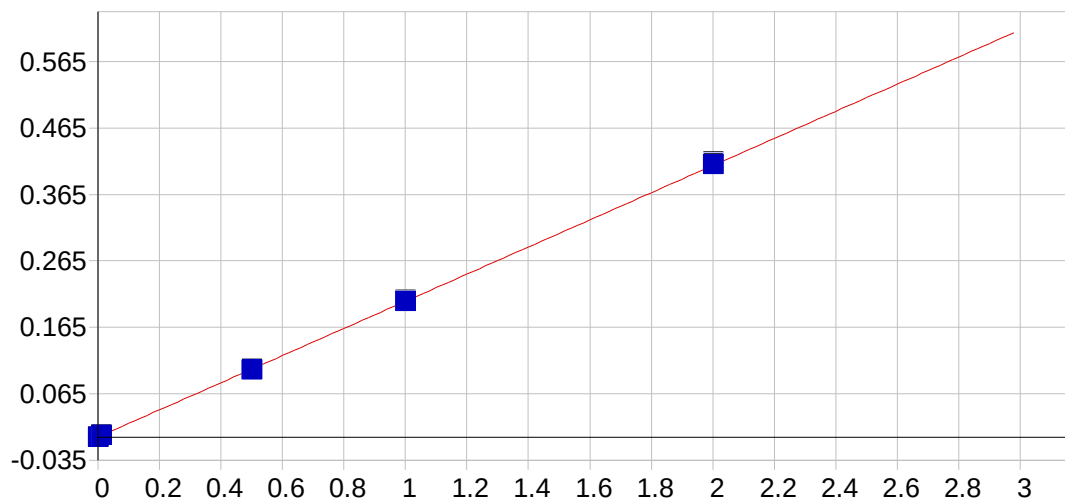


Ca 373.690 { 90}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000916 Re-Slope: 1.000000
 A1 (Gain): 0.040976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000219
 Predicted MDL: 0.019676
 Predicted MQL: 0.065586

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1230	.123	6.15	.08791	.001	1
S0	.00000	-.00012	-.000	.000	.00091	.000	1
S3	12.500	12.546	.046	.365	.51526	.004	1
S4	25.000	24.856	-.144	-.574	1.0200	.005	1
S5	50.000	49.975	-.025	-.050	2.0498	.002	1



Cr 267.716 {126}

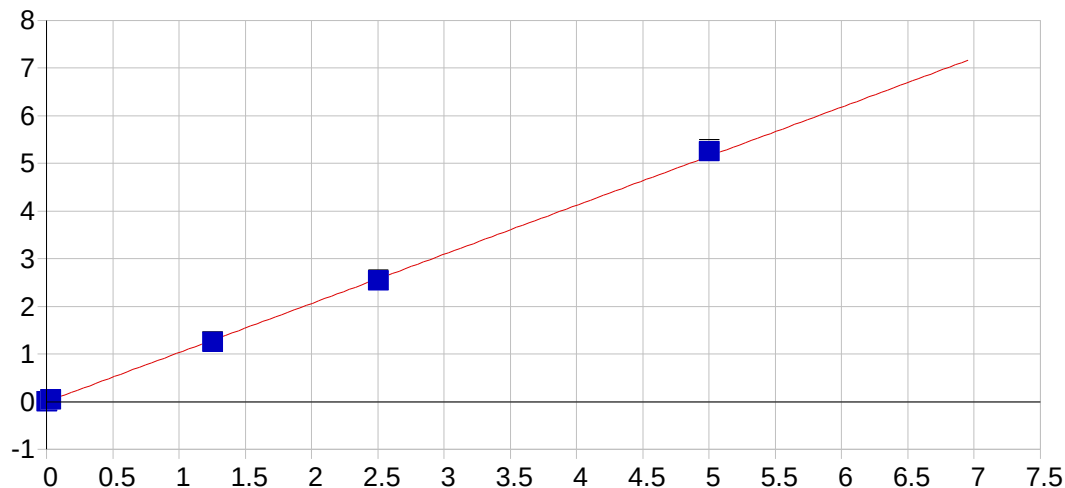
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.204205 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000011
 Predicted MDL: 0.000454
 Predicted MQL: 0.001514

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01084	.001	8.41	.00221	.000	1
S3	.50000	.49457	-.005	-1.09	.10179	.000	1
S4	1.0000	.99719	-.003	-.281	.20523	.000	1
S5	2.0000	2.0074	.007	.370	.41312	.001	1



Co 228.616 {447}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

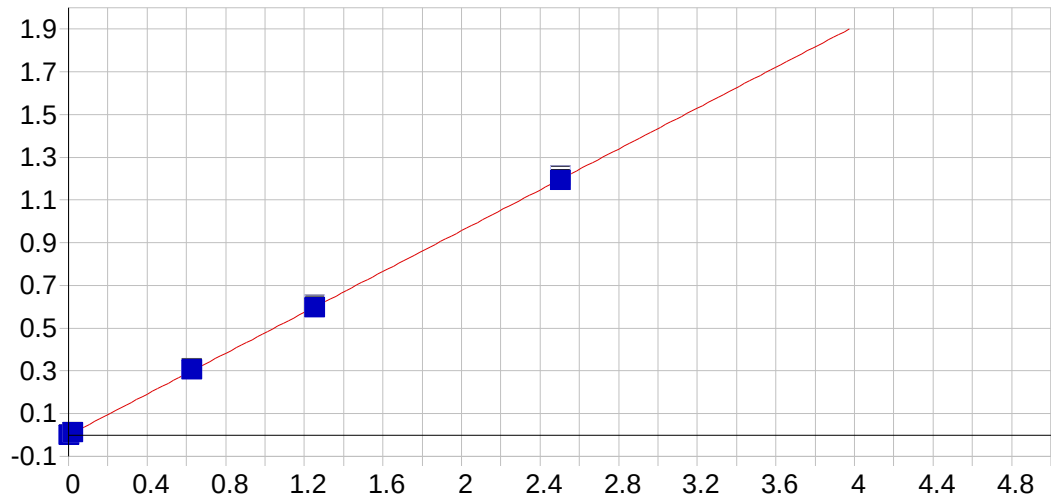
Weighting: 1/Conc

A0 (Offset): -0.000648
 A1 (Gain): 1.030680
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783
 Std Error of Est: 0.000451
 Predicted MDL: 0.000247
 Predicted MQL: 0.000825

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	-.00065	.000	1
S1	.03000	.02943	-.001	-1.88	.02948	.000	1
S3	1.2500	1.2078	-.042	-3.37	1.2452	.005	1
S4	2.5000	2.4544	-.046	-1.82	2.5311	.011	1
S5	5.0000	5.0883	.088	1.77	5.2478	.038	1

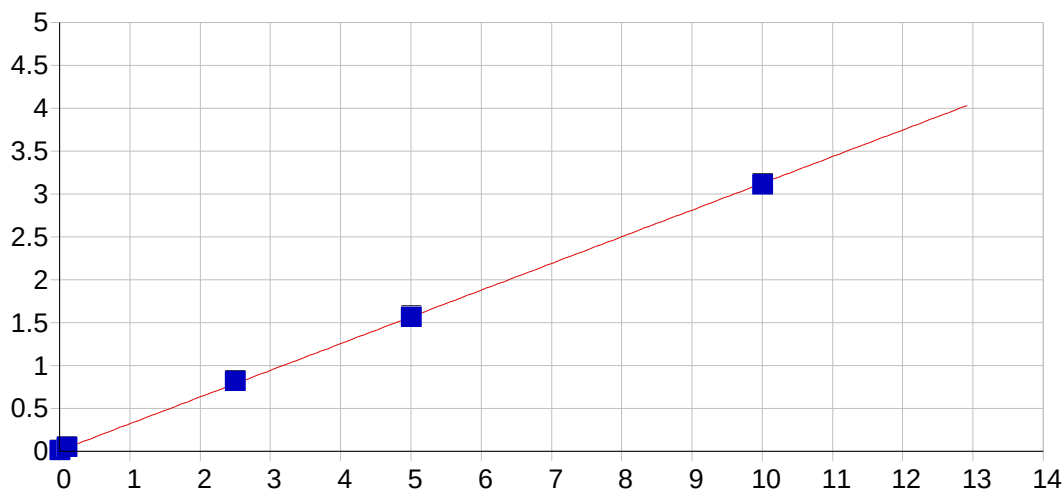


Cu 224.700 {450}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.478188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000572
 Predicted MQL: 0.001907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.02000	.02240	.002	12.0	.01091	.000	1
S3	.62500	.63414	.009	1.46	.30812	.001	1
S4	1.2500	1.2464	-.004	-.288	.60572	.001	1
S5	2.5000	2.4921	-.008	-.317	1.2110	.003	1



Fe 240.488 {140}

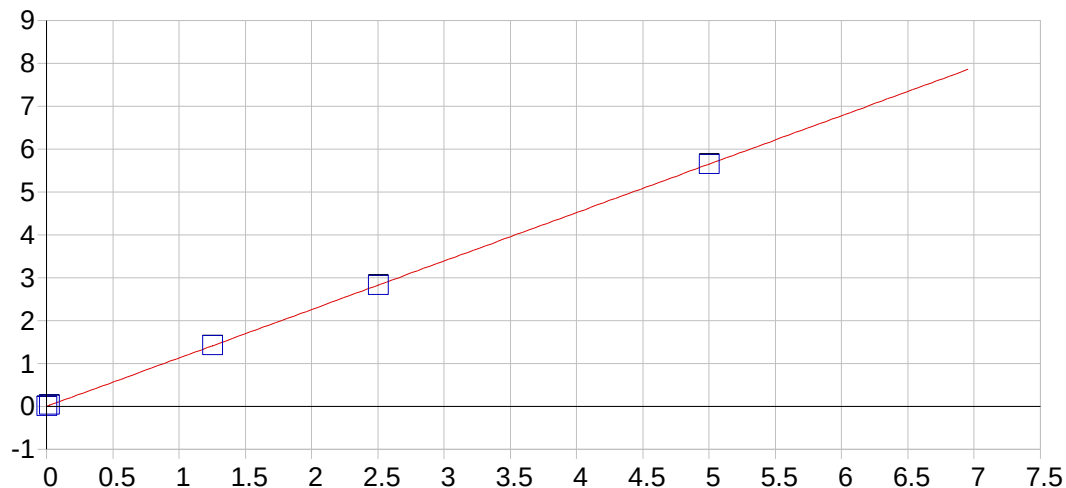
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010091 Re-Slope: 1.000000
 A1 (Gain): 0.311434 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000279
 Predicted MDL: 0.001529
 Predicted MQL: 0.005098

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01009	.000	1
S1	.10000	.11491	.015	14.9	.04603	.001	1
S3	2.5000	2.5718	.072	2.87	.81394	.005	1
S4	5.0000	4.9813	-.019	-.375	1.5672	.011	1
S5	10.000	9.9320	-.068	-.680	3.1149	.006	1



Mn 257.610 {131}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

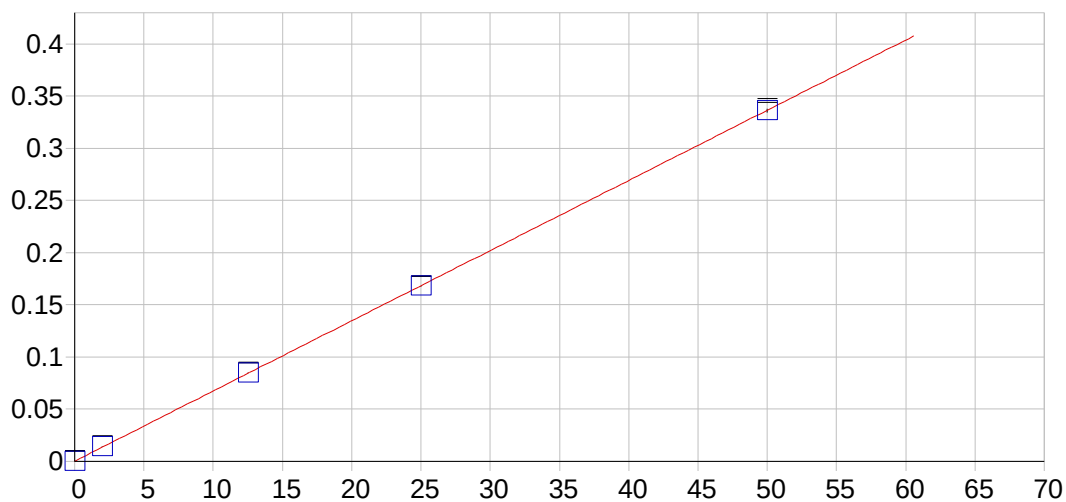
Weighting: 1/Conc

A0 (Offset): -0.000055
 A1 (Gain): 1.130279
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000115
 Predicted MDL: 0.000075
 Predicted MQL: 0.000250

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	-.00006	.000	1
S1	.02000	.02246	.002	12.3	.02534	.000	1
S3	1.2500	1.2519	.002	.150	1.4149	.003	1
S4	2.5000	2.4991	-.001	-.035	2.8247	.006	1
S5	5.0000	4.9965	-.003	-.069	5.6474	.004	1

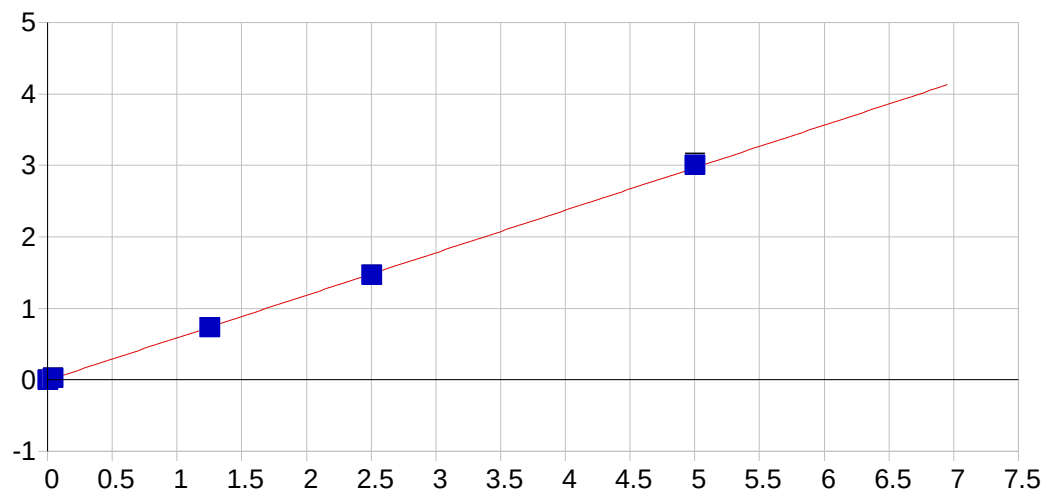


Mg 279.079 {121}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.006727 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.051973
 Predicted MQL: 0.173244

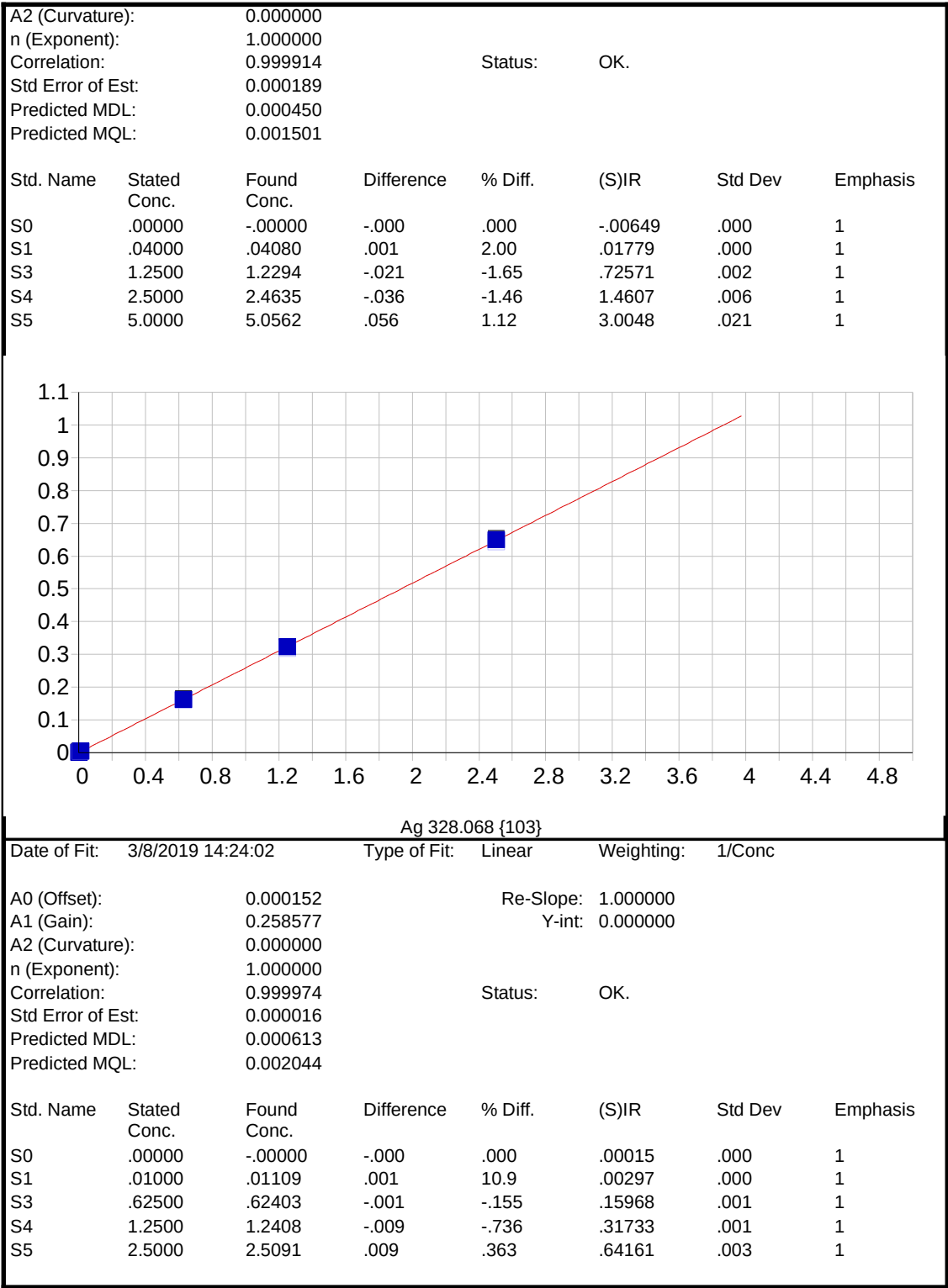
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0791	.079	3.95	.01420	.000	1
S0	.00000	-.00008	-.000	.000	.00022	.000	1
S3	12.500	12.570	.070	.560	.08477	.000	1
S4	25.000	24.910	-.090	-.361	.16778	.000	1
S5	50.000	49.941	-.059	-.118	.33616	.002	1

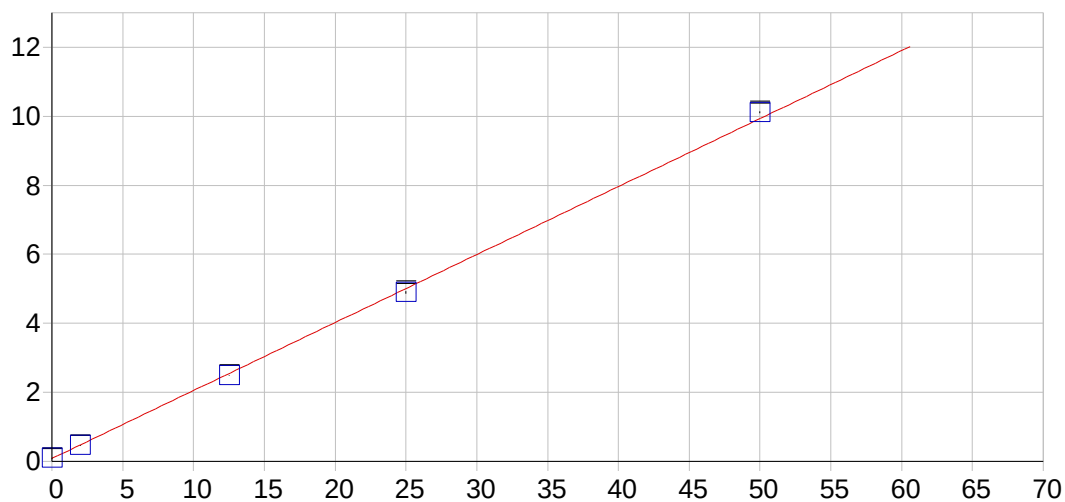


Ni 231.604 {445}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006492 Re-Slope: 1.000000
 A1 (Gain): 0.594909 Y-int: 0.000000



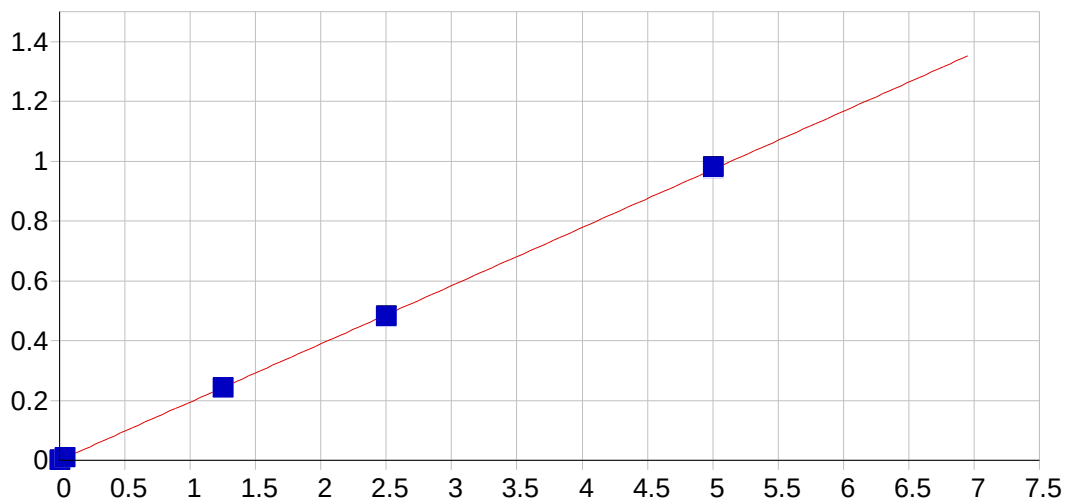


Na 589.592 { 57}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.083457 Re-Slope: 1.000000
 A1 (Gain): 0.197004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.002215
 Predicted MDL: 0.013379
 Predicted MQL: 0.044596

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9166	-.083	-4.17	.46103	.004	1
S0	.00000	.00013	.000	.000	.08348	.001	1
S3	12.500	12.228	-.272	-2.18	2.4924	.016	1
S4	25.000	24.449	-.551	-2.20	4.9001	.041	1
S5	50.000	50.906	.906	1.81	10.112	.024	1



V 292.402 {115}

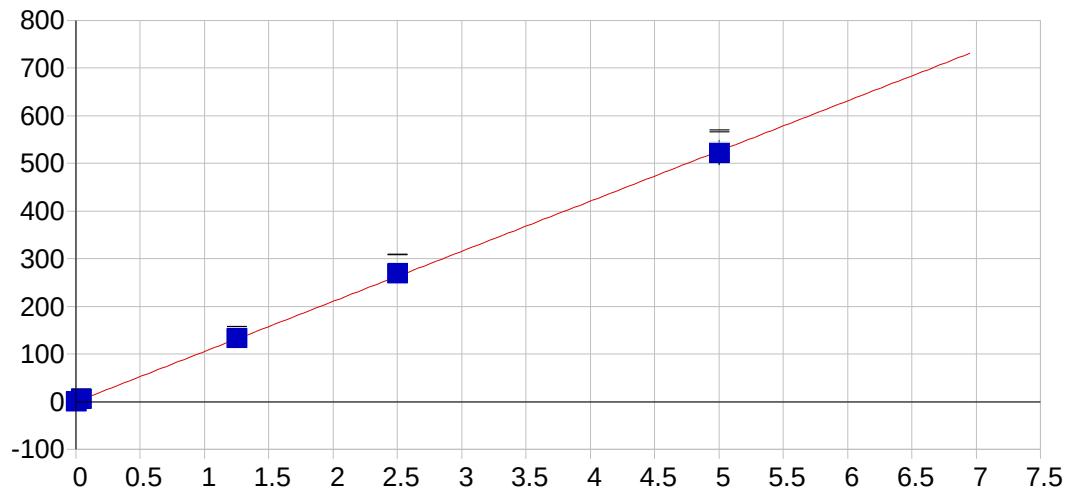
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000408 Re-Slope: 1.000000
 A1 (Gain): 0.194435 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000044
 Predicted MDL: 0.000558
 Predicted MQL: 0.001860

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.04000	.04186	.002	4.65	.00843	.000	1
S3	1.2500	1.2377	-.012	-.984	.23947	.000	1
S4	2.5000	2.4734	-.027	-1.06	.47814	.000	1
S5	5.0000	5.0371	.037	.741	.97344	.001	1



Zn 206.200 {163}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

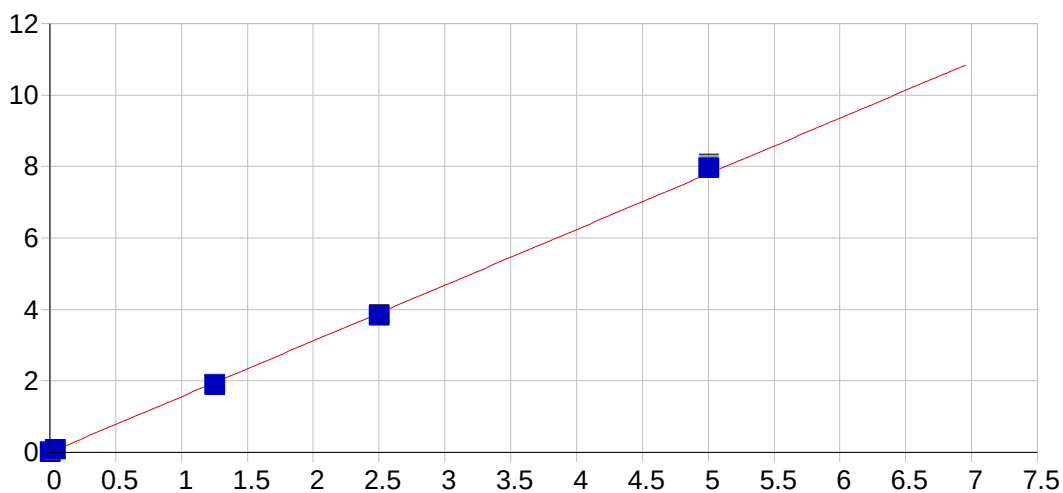
Weighting: 1/Conc

A0 (Offset): 0.017520
 A1 (Gain): 105.203472
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.030996
 Predicted MDL: 0.000367
 Predicted MQL: 0.001224

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	.01743	.028	1
S1	.04000	.04035	.000	.867	4.2898	.134	1
S3	1.2500	1.2558	.006	.461	132.92	4.10	1
S4	2.5000	2.5439	.044	1.76	269.24	18.8	1
S5	5.0000	4.9499	-.050	-1.00	523.95	24.6	1

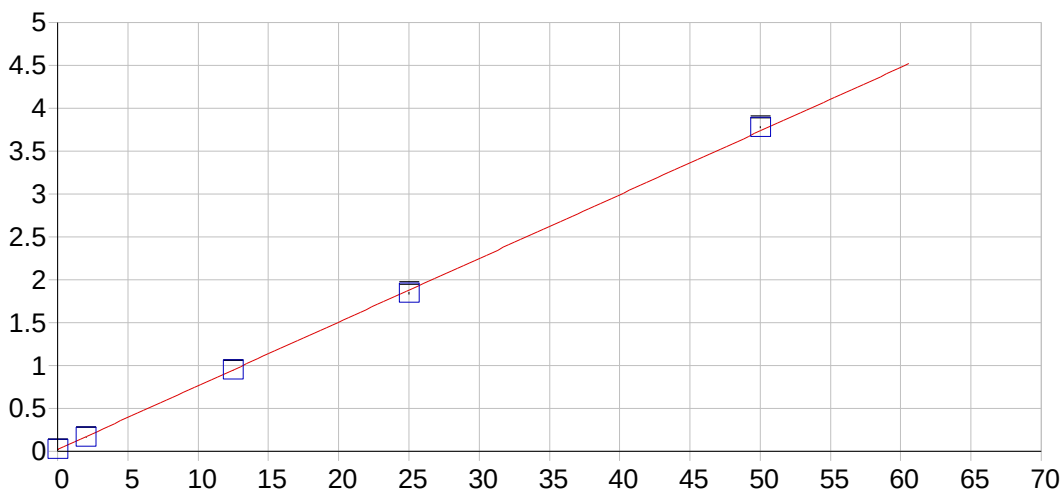


Zn 213.856 {458}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002555 Re-Slope: 1.000000
 A1 (Gain): 1.558452 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706 Status: OK.
 Std Error of Est: 0.000920
 Predicted MDL: 0.000121
 Predicted MQL: 0.000402

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00256	.000	1
S1	.04000	.03869	-.001	-3.27	.06329	.000	1
S3	1.2500	1.2017	-.048	-3.86	1.8878	.007	1
S4	2.5000	2.4458	-.054	-2.17	3.8391	.012	1
S5	5.0000	5.1038	.104	2.08	8.0063	.055	1



K 766.490 {44}

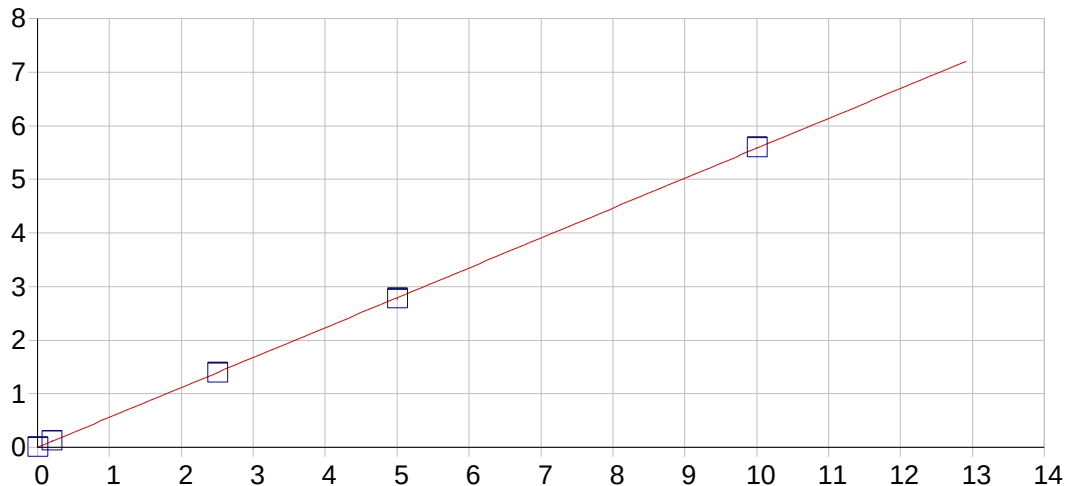
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022667 Re-Slope: 1.000000
 A1 (Gain): 0.074226 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000600
 Predicted MDL: 0.043016
 Predicted MQL: 0.143388

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9201	-.080	-3.99	.16519	.002	1
S0	.00000	.00010	.000	.000	.02268	.002	1
S3	12.500	12.448	-.052	-.413	.94665	.005	1
S4	25.000	24.528	-.472	-1.89	1.8433	.013	1
S5	50.000	50.603	.603	1.21	3.7787	.012	1



Mo 202.030 {467}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

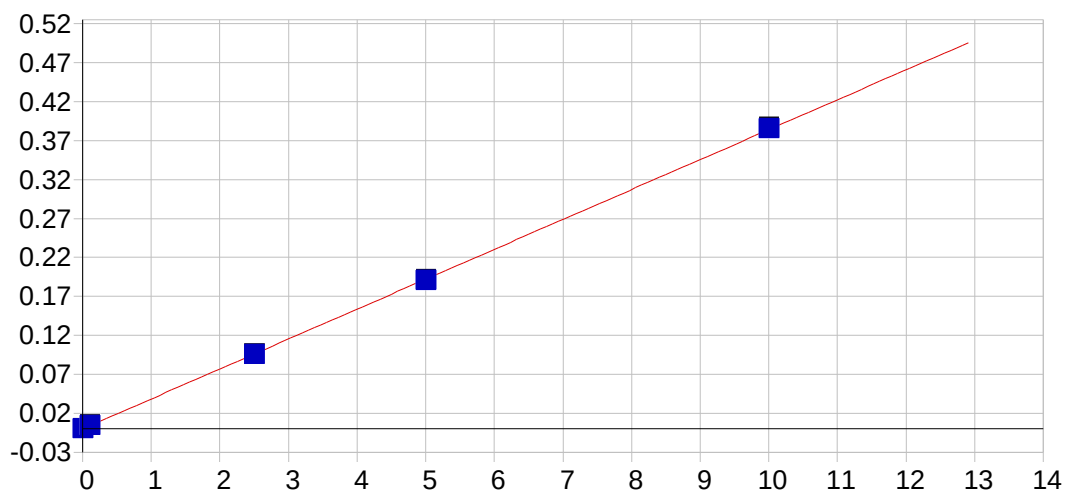
Weighting: 1/Conc

A0 (Offset): 0.000737
 A1 (Gain): 0.557725
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000504
 Predicted MDL: 0.000322
 Predicted MQL: 0.001074

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00073	.000	1
S1	.20000	.22025	.020	10.1	.12358	.000	1
S3	2.5000	2.4915	-.009	-.341	1.3903	.002	1
S4	5.0000	4.9616	-.038	-.768	2.7679	.008	1
S5	10.000	10.027	.027	.267	5.5929	.009	1

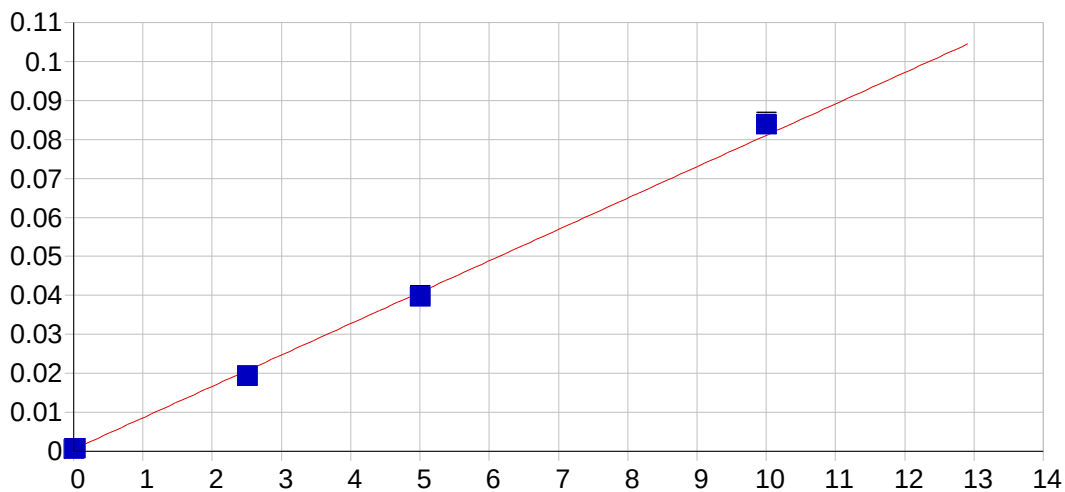


B 249.678 {135}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.038373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.008534
 Predicted MQL: 0.028446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00024	.000	1
S1	.10000	.11231	.012	12.3	.00453	.000	1
S3	2.5000	2.4899	-.010	-.404	.09556	.001	1
S4	5.0000	4.9655	-.035	-.691	.19033	.001	1
S5	10.000	10.032	.032	.323	.38431	.002	1



S 182.034 {485}

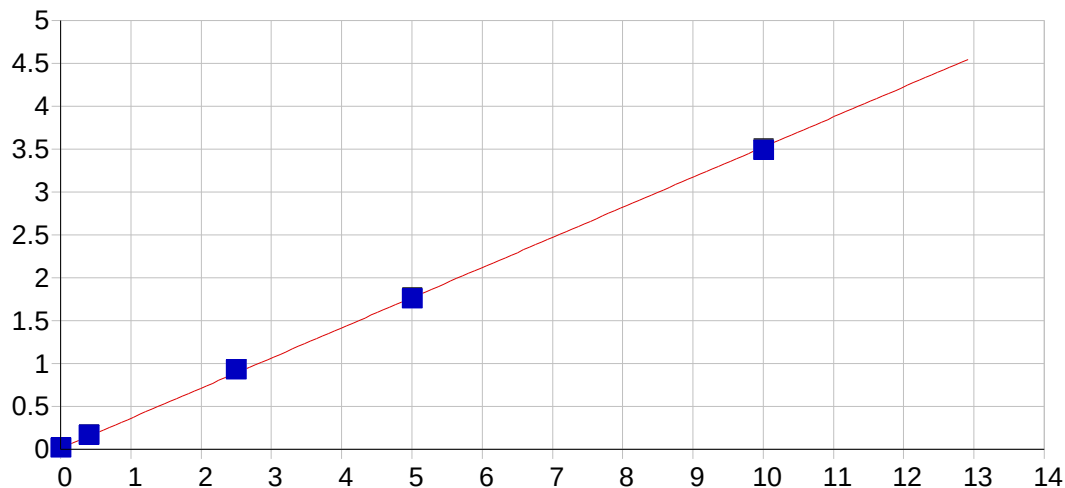
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000549 Re-Slope: 1.000000
 A1 (Gain): 0.008051 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998836
 Std Error of Est: 0.000009
 Predicted MDL: 0.012323
 Predicted MQL: 0.041077

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00055	.000	1
S1	.02000	.00404	-.016	-79.8	.00058	.000	1
S3	2.5000	2.3249	-.175	-7.01	.01924	.000	1
S4	5.0000	4.8528	-.147	-2.94	.03958	.000	1
S5	10.000	10.338	.338	3.38	.08369	.001	1



Si 288.158 {117}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

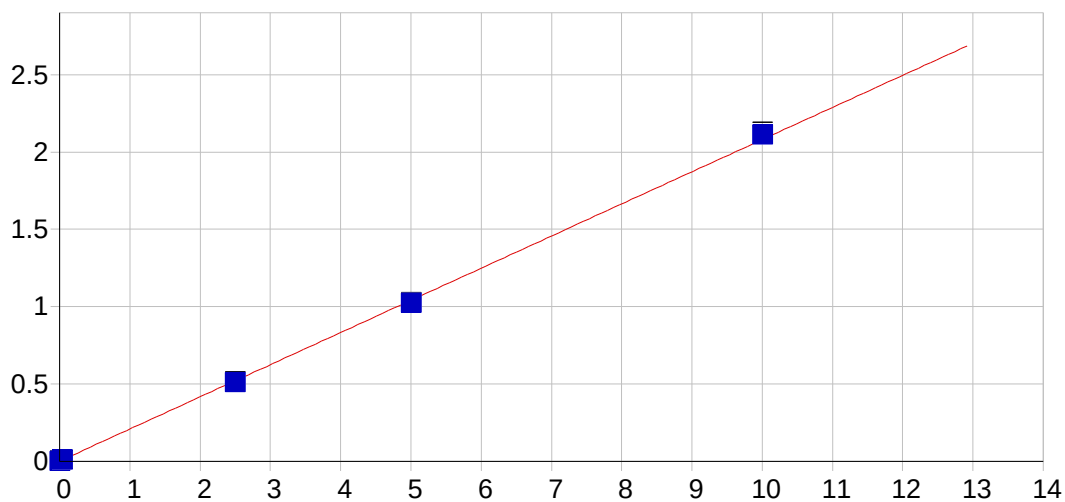
Weighting: 1/Conc

A0 (Offset): 0.011253
 A1 (Gain): 0.351246
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764
 Std Error of Est: 0.000833
 Predicted MDL: 0.002837
 Predicted MQL: 0.009455

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01124	.001	1
S1	.40000	.43494	.035	8.73	.16391	.000	1
S3	2.5000	2.6015	.102	4.06	.92456	.000	1
S4	5.0000	4.9632	-.037	-7.37	1.7536	.007	1
S5	10.000	9.9004	-.100	-9.96	3.4869	.009	1

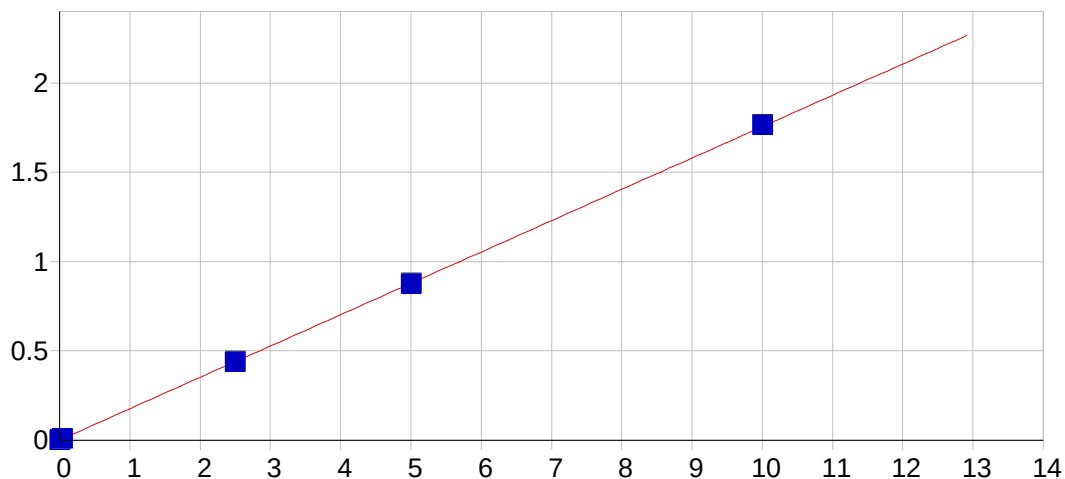


Sn 189.989 {477}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001723 Re-Slope: 1.000000
 A1 (Gain): 0.207831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000668
 Predicted MQL: 0.002228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00172	.000	1
S1	.04000	.03750	-.002	-6.24	.00952	.000	1
S3	2.5000	2.4453	-.055	-2.19	.51002	.002	1
S4	5.0000	4.9077	-.092	-1.85	1.0219	.004	1
S5	10.000	10.150	.150	1.50	2.1115	.015	1



Ti 336.121 {100}

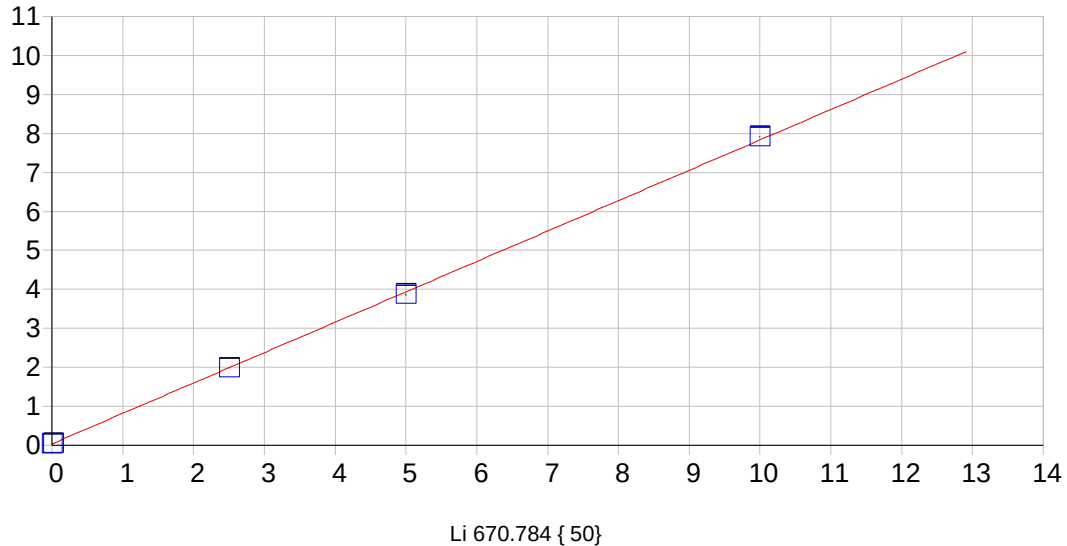
Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001635 Re-Slope: 1.000000
 A1 (Gain): 0.175362 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000028
 Predicted MDL: 0.003034
 Predicted MQL: 0.010114

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00164	.001	1
S1	.04000	.03863	-.001	-3.42	.00841	.000	1
S3	2.5000	2.4833	-.017	-.669	.43705	.003	1
S4	5.0000	4.9793	-.021	-.415	.87470	.003	1
S5	10.000	10.039	.039	.388	1.7618	.005	1



Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

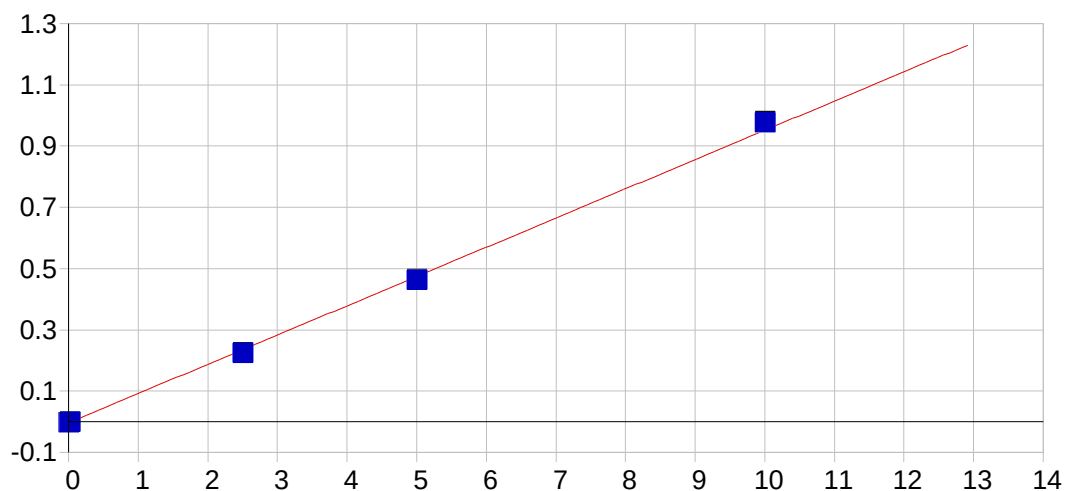
Weighting: 1/Conc

A0 (Offset): 0.039116
 A1 (Gain): 0.779484
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000354
 Predicted MDL: 0.003174
 Predicted MQL: 0.010579

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	.03912	.002	1
S1	.02000	.01173	-.008	-41.3	.04826	.001	1
S3	2.5000	2.4892	-.011	-.431	1.9794	.010	1
S4	5.0000	4.9113	-.089	-1.77	3.8674	.025	1
S5	10.000	10.108	.108	1.08	7.9179	.016	1

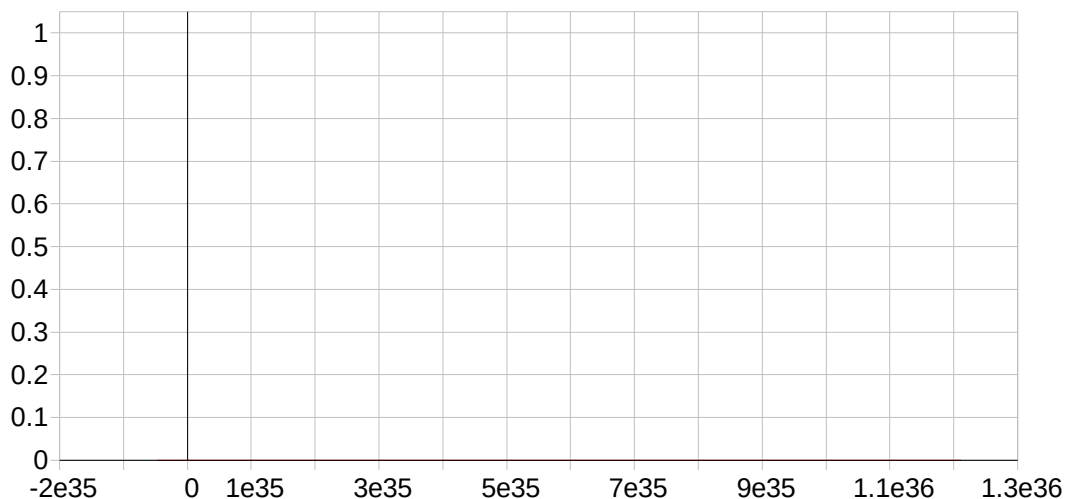


P 177.495 {490}

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003395 Re-Slope: 1.000000
 A1 (Gain): 0.095491 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001437
 Predicted MQL: 0.004790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00339	.000	1
S1	.02000	.01770	-.002	-11.5	-.00171	.000	1
S3	2.5000	2.3704	-.130	-5.18	.22261	.002	1
S4	5.0000	4.8797	-.120	-2.41	.46188	.002	1
S5	10.000	10.252	.252	2.52	.97422	.004	1



Y 224.306 {450}*

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

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

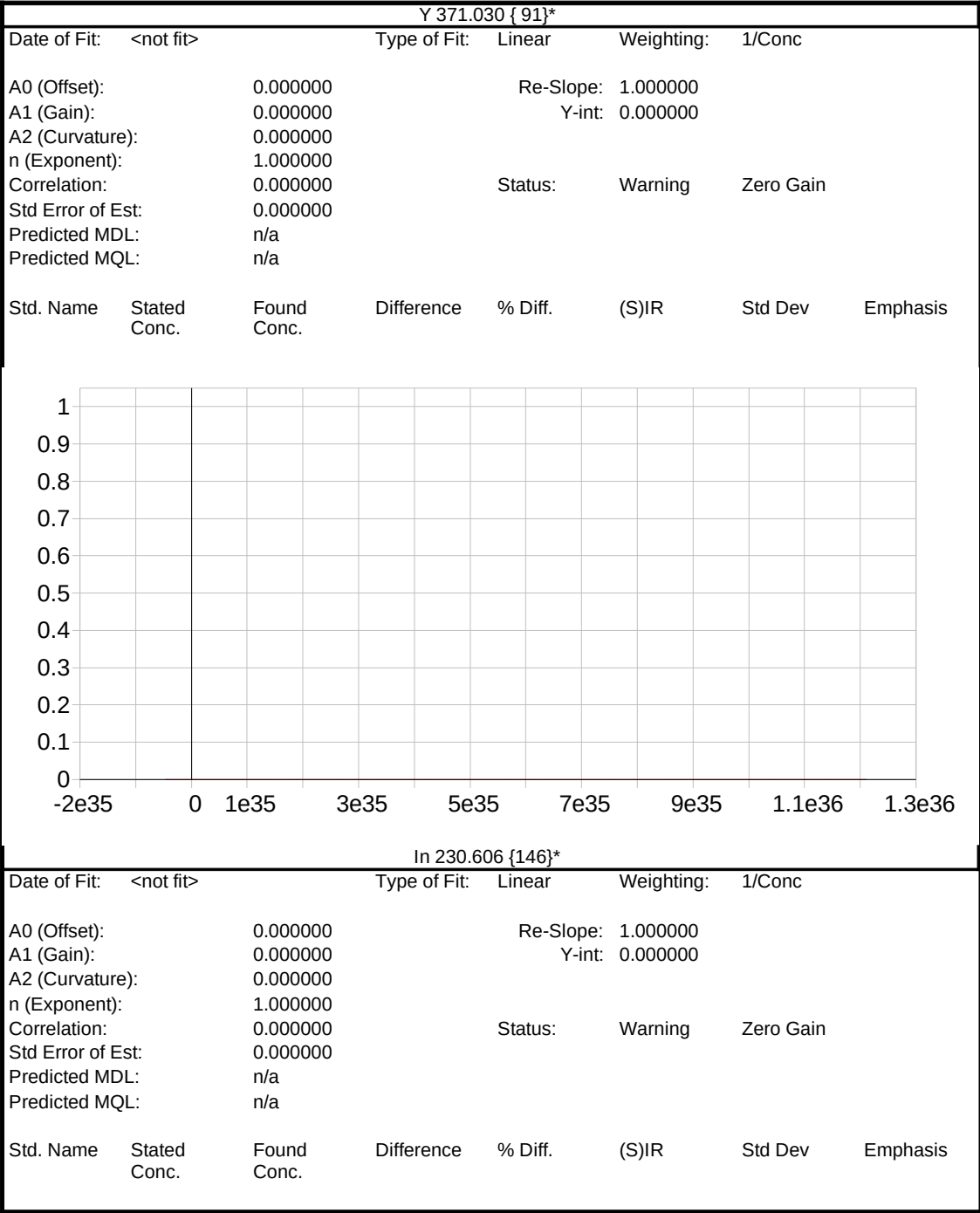
Status: Warning Zero Gain

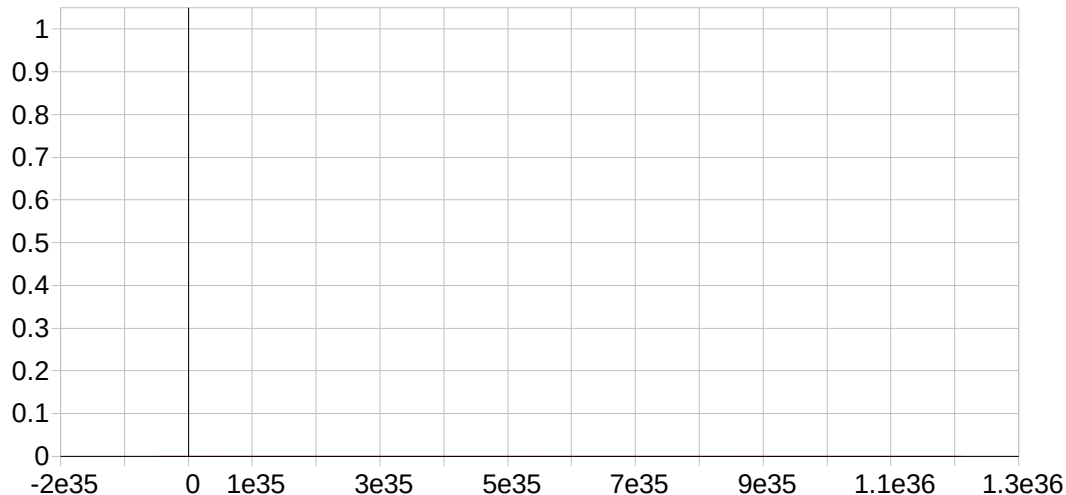
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
--------------	-----------	--------------	--------	------------	--------

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The horizontal axis (x-axis) is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The vertical axis (y-axis) is labeled with values: 0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.





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

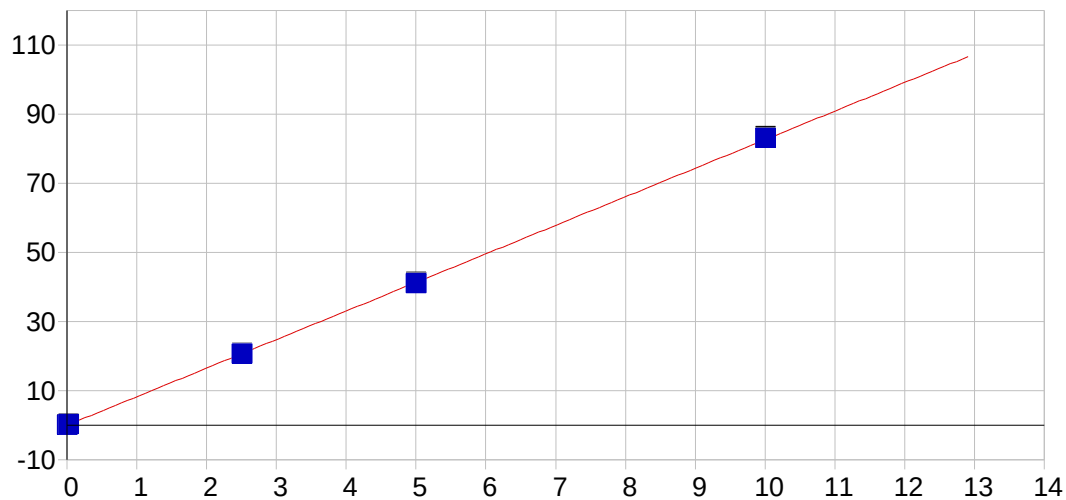
Status: Warning Zero Gain

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
-----------	--------------	-------------	------------	---------	-------	---------	----------



Sr 407.771 { 83}

Date of Fit: 3/8/2019 14:24:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.009045

Re-Slope: 1.000000

A1 (Gain): 8.263615

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999983

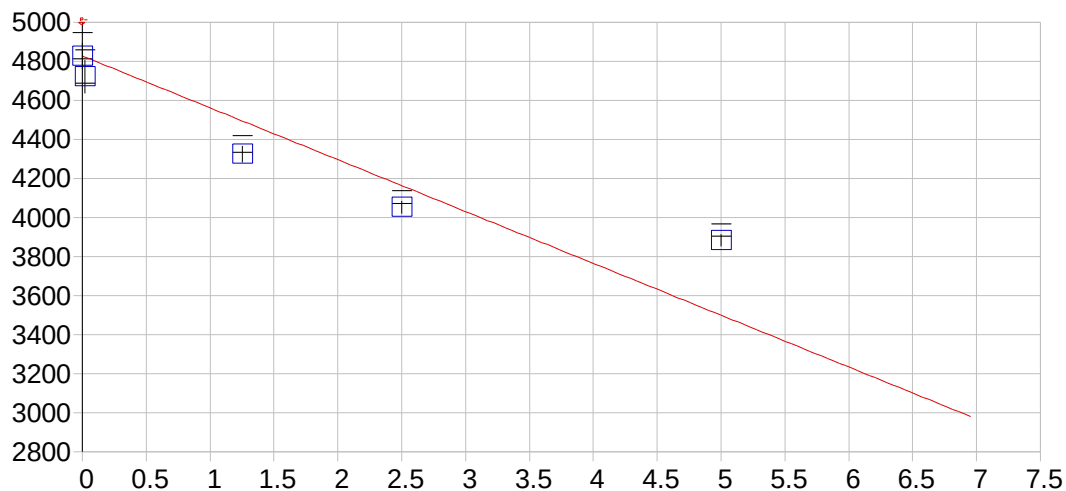
Status: OK.

Std Error of Est: 0.001179

Predicted MDL: 0.000135

Predicted MQL: 0.000452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00906	.001	1
S1	.02000	.02187	.002	9.35	.17258	.002	1
S3	2.5000	2.4976	-.002	-.096	20.653	.062	1
S4	5.0000	4.9622	-.038	-.757	41.042	.269	1
S5	10.000	10.038	.038	.384	83.035	.392	1

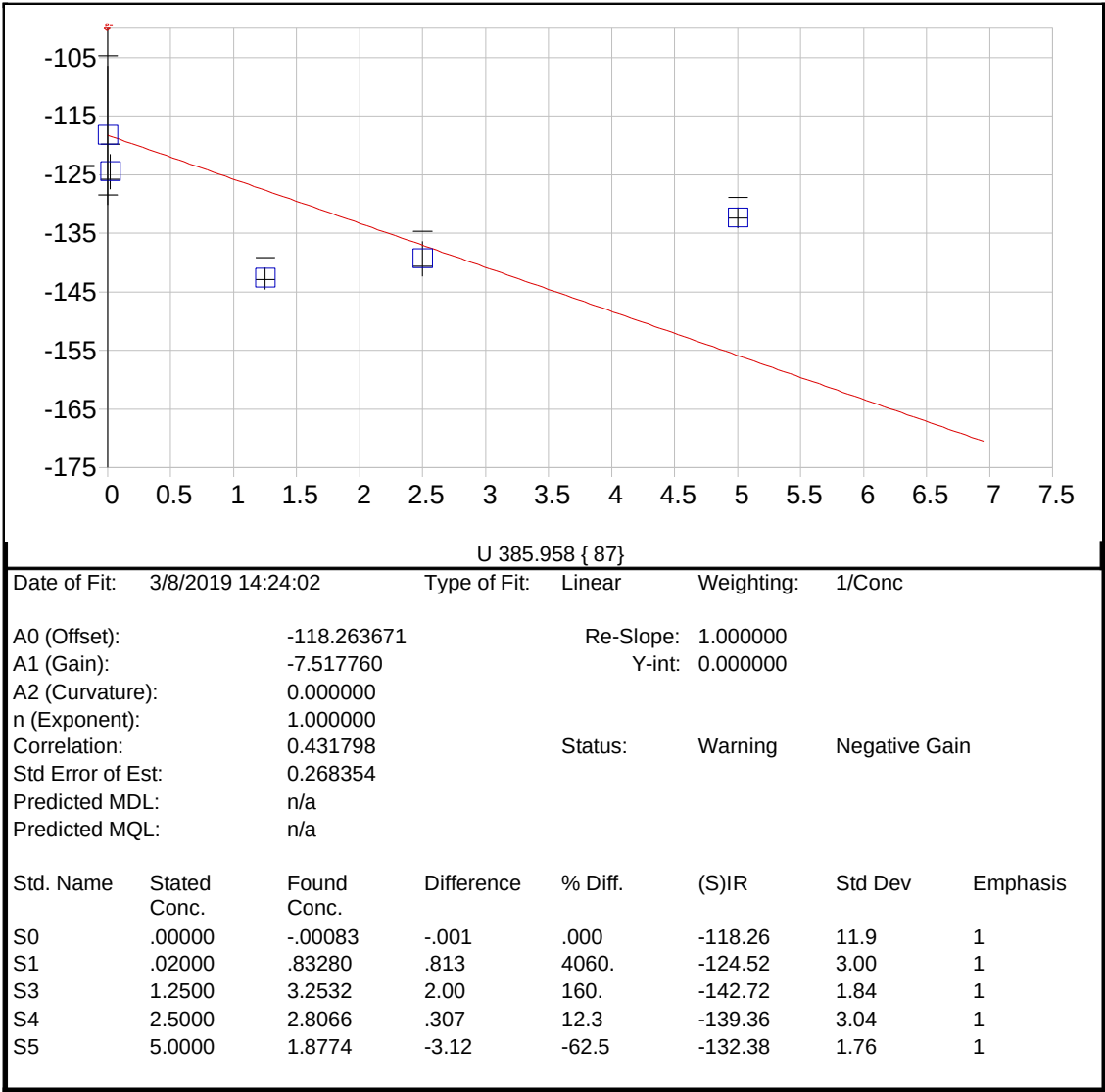


U 367.007 { 92 }

Date of Fit: 3/8/2019 14:24:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4827.673020 Re-Slope: 1.000000
A1 (Gain): -265.605870 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.723235 Status: Warning Negative Gain
Std Error of Est: 4.334048
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00039	-.000	.000	4827.8	67.1	1
S1	.02000	.39866	.379	1890.	4721.8	86.2	1
S3	1.2500	1.8963	.646	51.7	4324.0	42.7	1
S4	2.5000	2.9167	.417	16.7	4053.0	32.0	1
S5	5.0000	3.5583	-1.44	-28.8	3882.6	30.9	1



Sample Name: S0 Acquired: 3/8/2019 11:16:56 Type: Cal
Method: P4-ICP2(v2928) 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	-.00007	-.00009	.00322	-.00026	.00055	.00093	.10627	.00024
Stddev	.00005	.00005	.00008	.00005	.00029	.00007	.00106	.00006
%RSD	73.799	55.750	2.5194	17.927	53.791	7.3407	.99890	24.112

#1	-.00001	-.00004	.00313	-.00023	.00063	.00101	.10654	.00021
#2	-.00009	-.00014	.00325	-.00024	.00022	.00088	.10717	.00021
#3	-.00011	-.00009	.00329	-.00032	.00079	.00090	.10510	.00031

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	-.00310	.00091	-.00001	-.00065	.00005	.01009	-.00006	.00022
Stddev	.00016	.00016	.00007	.00031	.00013	.00035	.00004	.00019
%RSD	5.0495	17.759	666.96	47.207	278.88	3.4422	71.296	85.992

#1	-.00294	.00072	.00000	-.00093	.00019	.00972	-.00005	.00037
#2	-.00311	.00102	.00005	-.00069	-.00008	.01012	-.00010	.00027
#3	-.00325	.00099	-.00008	-.00032	.00004	.01041	-.00002	.00001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00649	.00015	.08348	.00041	.00256	.02268	.00073	.00024
Stddev	.00024	.00012	.00088	.00010	.00021	.00191	.00017	.00049
%RSD	3.6590	77.522	1.0577	24.989	8.0342	8.4344	24.004	205.29

#1	-.00627	.00017	.08441	.00043	.00267	.02462	.00064	.00044
#2	-.00674	.00026	.08340	.00030	.00269	.02261	.00093	-.00032
#3	-.00646	.00003	.08265	.00049	.00232	.02079	.00061	.00059

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	.00055	.01124	.00172	.00164	.03912	-.0034	-.00906	4827.8
Stddev	.00009	.00052	.00003	.00053	.00162	.0001	.00090	67.1
%RSD	15.556	4.6692	1.7500	32.704	4.1516	3.889	9.8897	1.3902

#1	.00060	.01085	.00175	.00102	.04084	-.0035	-.00880	4864.4
#2	.00059	.01103	.00173	.00197	.03892	-.0033	-.00832	4868.6
#3	.00045	.01183	.00169	.00192	.03761	-.0033	-.01006	4750.3

Sample Name: S0 Acquired: 3/8/2019 11:16:56 Type: Cal
 Method: P4-ICP2(v2928) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-118.26
Stddev	11.86
%RSD	10.032

#1	-118.11
#2	-106.47
#3	-130.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4350.3	46986.	5082.9	32.628	4246.6
Stddev	6.8	157.	64.1	2.244	16.3
%RSD	.15542	.33496	1.2618	6.8765	.38377

#1	4342.8	47013.	5080.6	34.383	4237.0
#2	4355.9	47128.	5019.9	33.400	4265.5
#3	4352.3	46817.	5148.1	30.100	4237.4

Sample Name: S1 Acquired: 3/8/2019 11:21:23 Type: Cal
Method: P4-ICP2(v2928) 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	.00077	.00368	.00517	.00073	.00536	.00941	.17055	.00579
Stddev	.00007	.00023	.00013	.00005	.00015	.00011	.00194	.00007
%RSD	9.0869	6.2262	2.5813	7.3342	2.8877	1.1260	1.1399	1.1978

#1	.00081	.00395	.00527	.00071	.00549	.00942	.17222	.00583
#2	.00082	.00356	.00522	.00079	.00540	.00930	.17101	.00571
#3	.00069	.00354	.00501	.00068	.00519	.00951	.16841	.00583

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	.01110	.00221	.02948	.01091	.04603	.02534	.01779	.00297
Stddev	.00011	.00009	.00028	.00028	.00087	.00020	.00033	.00007
%RSD	.97814	4.1404	.93915	2.5325	1.8863	.79717	1.8321	2.4022

#1	.01120	.00211	.02967	.01108	.04551	.02535	.01817	.00305
#2	.01112	.00228	.02961	.01106	.04703	.02513	.01765	.00292
#3	.01098	.00226	.02916	.01059	.04555	.02553	.01756	.00294

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	.00843	.06329	.12358	.00453	.00058	.16391	.00952	.00841
Stddev	.00003	.00013	.00017	.00046	.00008	.00030	.00006	.00041
%RSD	.38143	.19980	.14143	10.220	14.253	.18018	.62786	4.8515

#1	.00846	.06333	.12371	.00506	.00052	.16371	.00946	.00857
#2	.00840	.06339	.12364	.00427	.00054	.16377	.00951	.00794
#3	.00841	.06315	.12338	.00425	.00067	.16425	.00958	.00870

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04826	-.0017	.17258	4721.8	-124.52
Stddev	.00121	.0001	.00239	86.2	3.00
%RSD	2.5115	4.620	1.3864	1.8254	2.4125

#1	.04911	-.0017	.16989	4766.1	-126.20
#2	.04687	-.0018	.17444	4622.5	-121.06
#3	.04881	-.0017	.17342	4776.8	-126.32

Sample Name: S1 Acquired: 3/8/2019 11:21:23 Type: Cal
Method: P4-ICP2(v2928) 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	4381.6	46809.	5217.0	32.064	4238.7
Stddev	.8	287.	57.7	1.162	9.0
%RSD	.01922	.61264	1.1065	3.6233	.21155
#1	4381.0	46982.	5238.5	31.292	4228.7
#2	4382.6	46478.	5151.6	33.400	4246.1
#3	4381.4	46967.	5260.8	31.500	4241.3

Sample Name: S2 Acquired: 3/8/2019 11:25:48 Type: Cal
Method: P4-ICP2(v2928) 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	.08791	.01420	.46103	.16519
Stddev	.00117	.00025	.00378	.00227
%RSD	1.3352	1.7917	.81937	1.3712

#1	.08656	.01415	.45673	.16578
#2	.08844	.01448	.46378	.16710
#3	.08871	.01398	.46260	.16269

Int. Std.	Y_3710
Units	Cts/S
Avg	5361.9
Stddev	13.1
%RSD	.24394

#1	5348.0
#2	5374.0
#3	5363.8

Sample Name: S3 Acquired: 3/8/2019 11:30:04 Type: Cal
Method: P4-ICP2(v2928) 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	.09821	.23578	.47876	.12371	.23454	.03955	3.0909	.10916
Stddev	.00039	.00123	.00182	.00032	.00011	.00009	.0069	.00040
%RSD	.40000	.52300	.37964	.25805	.04709	.22742	.22467	.36653
#1	.09793	.23437	.47669	.12365	.23457	.03945	3.0963	.10881
#2	.09866	.23667	.48007	.12405	.23464	.03962	3.0935	.10959
#3	.09804	.23629	.47954	.12342	.23442	.03958	3.0831	.10909
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9727	.51526	.10179	1.2452	.30812	.81394	1.4149	.08477
Stddev	.0080	.00448	.00009	.0052	.00085	.00501	.0034	.00042
%RSD	.26842	.86921	.08618	.41335	.27687	.61612	.24080	.49309
#1	2.9635	.51253	.10179	1.2394	.30899	.81289	1.4111	.08446
#2	2.9770	.51282	.10187	1.2472	.30728	.81940	1.4159	.08525
#3	2.9777	.52043	.10170	1.2491	.30808	.80954	1.4177	.08462
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	.72571	.15968	2.4924	.23947	1.8878	.94665	1.3903	.09556
Stddev	.00191	.00081	.0165	.00040	.0073	.00483	.0023	.00064
%RSD	.26321	.50838	.66115	.16639	.38448	.50990	.16470	.66662
#1	.72368	.16011	2.4993	.23902	1.8797	.95135	1.3929	.09536
#2	.72747	.16018	2.5043	.23975	1.8900	.94170	1.3895	.09627
#3	.72599	.15874	2.4736	.23965	1.8937	.94691	1.3885	.09504
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	.01924	.92456	.51002	.43705	1.9794	.2226	20.653	4324.0
Stddev	.00011	.00039	.00197	.00294	.0104	.0015	.062	42.7
%RSD	.56473	.04198	.38568	.67242	.52621	.6778	.30159	.98761
#1	.01935	.92414	.50788	.43375	1.9754	.2209	20.616	4309.8
#2	.01925	.92491	.51042	.43937	1.9912	.2237	20.725	4290.2
#3	.01914	.92464	.51175	.43804	1.9716	.2233	20.617	4372.0

Sample Name: S3 Acquired: 3/8/2019 11:30:04 Type: Cal
 Method: P4-ICP2(v2928) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-142.72
Stddev	1.84
%RSD	1.2897

#1	-142.29
#2	-141.14
#3	-144.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4283.5	45179.	5344.3	30.723	3984.0
Stddev	14.3	259.	24.1	.851	5.3
%RSD	.33417	.57376	.45172	2.7685	.13278

#1	4267.6	44960.	5333.8	31.321	3988.7
#2	4287.2	45111.	5327.2	31.098	3978.3
#3	4295.5	45465.	5371.9	29.749	3985.1

Sample Name: S4 Acquired: 3/8/2019 11:34:04 Type: Cal
Method: P4-ICP2(v2928) 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	.19756	.47224	.96036	.24479	.46888	.08014	6.0277	.21592
Stddev	.00081	.00280	.00433	.00145	.00035	.00105	.0337	.00076
%RSD	.40963	.59368	.45046	.59081	.07372	1.3121	.55851	.35099
#1	.19704	.47369	.96376	.24622	.46905	.08025	6.0169	.21537
#2	.19714	.47403	.96182	.24333	.46848	.08113	6.0008	.21561
#3	.19849	.46901	.95549	.24482	.46911	.07904	6.0655	.21679
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0368	1.0200	.20523	2.5311	.60572	1.5672	2.8247	.16778
Stddev	.0238	.0050	.00025	.0111	.00146	.0111	.0062	.00043
%RSD	.39448	.49200	.12047	.43871	.24185	.70897	.21865	.25615
#1	6.0504	1.0162	.20550	2.5353	.60741	1.5670	2.8318	.16732
#2	6.0507	1.0257	.20516	2.5395	.60481	1.5562	2.8217	.16816
#3	6.0093	1.0181	.20502	2.5185	.60495	1.5785	2.8205	.16787
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	1.4607	.31733	4.9001	.47814	3.8391	1.8433	2.7679	.19033
Stddev	.0055	.00114	.0410	.00034	.0117	.0135	.0082	.00089
%RSD	.37660	.35820	.83751	.07024	.30443	.73175	.29682	.46763
#1	1.4641	.31864	4.8845	.47844	3.8438	1.8372	2.7769	.18930
#2	1.4637	.31665	4.8691	.47778	3.8477	1.8339	2.7607	.19093
#3	1.4544	.31669	4.9466	.47821	3.8258	1.8587	2.7663	.19074
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	.03958	1.7536	1.0219	.87470	3.8674	.4619	41.042	4053.0
Stddev	.00035	.0074	.0035	.00285	.0251	.0023	.269	32.0
%RSD	.89361	.41952	.34253	.32533	.65019	.4970	.65569	.78971
#1	.03949	1.7543	1.0251	.87184	3.8606	.4642	40.893	4024.8
#2	.03996	1.7459	1.0223	.87753	3.8464	.4617	40.880	4046.3
#3	.03927	1.7606	1.0182	.87471	3.8953	.4597	41.352	4087.8

Sample Name: S4 Acquired: 3/8/2019 11:34:04 Type: Cal
Method: P4-ICP2(v2928) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-139.36
Stddev	3.04
%RSD	2.1804

#1	-142.87
#2	-137.65
#3	-137.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.1	43897.	5380.3	29.695	3814.1
Stddev	7.4	124.	26.8	2.167	16.7
%RSD	.17529	.28210	.49817	7.2981	.43659

#1	4196.9	43766.	5379.7	28.218	3804.1
#2	4211.0	43912.	5407.4	32.183	3804.8
#3	4207.6	44013.	5353.8	28.684	3833.3

Sample Name: S5 Acquired: 3/8/2019 11:38:05 Type: Cal
Method: P4-ICP2(v2928) 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	.40508	.96222	1.9728	.49884	.95776	.16303	12.391	.43850
Stddev	.00088	.00781	.0144	.00107	.00101	.00050	.015	.00091
%RSD	.21845	.81165	.73045	.21449	.10517	.30407	.12317	.20760

#1	.40601	.96816	1.9828	.49789	.95828	.16357	12.404	.43843
#2	.40425	.95338	1.9563	.50000	.95840	.16260	12.394	.43945
#3	.40498	.96513	1.9793	.49864	.95660	.16290	12.374	.43764

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	12.481	2.0498	.41312	5.2478	1.2110	3.1149	5.6474	.33616
Stddev	.094	.0024	.00071	.0383	.0026	.0062	.0041	.00179
%RSD	.75520	.11646	.17189	.72943	.21224	.19788	.07296	.53273

#1	12.554	2.0506	.41374	5.2741	1.2134	3.1124	5.6474	.33817
#2	12.374	2.0517	.41235	5.2039	1.2115	3.1103	5.6516	.33472
#3	12.514	2.0471	.41329	5.2655	1.2083	3.1219	5.6433	.33561

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	3.0048	.64161	10.112	.97344	8.0063	3.7787	5.5929	.38431
Stddev	.0209	.00294	.024	.00069	.0548	.0118	.0089	.00183
%RSD	.69543	.45872	.23274	.07063	.68450	.31350	.15877	.47714

#1	3.0227	.64471	10.139	.97423	8.0492	3.7924	5.6027	.38476
#2	2.9818	.63885	10.100	.97302	7.9445	3.7714	5.5903	.38587
#3	3.0097	.64127	10.097	.97306	8.0251	3.7724	5.5855	.38229

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	.08369	3.4869	2.1115	1.7618	7.9179	.9742	83.035	3882.6
Stddev	.00060	.0087	.0146	.0048	.0164	.0037	.392	30.9
%RSD	.72069	.24950	.69062	.27027	.20644	.3839	.47195	.79709

#1	.08379	3.4773	2.1216	1.7587	7.9358	.9777	82.622	3866.4
#2	.08305	3.4943	2.0948	1.7673	7.9144	.9702	83.081	3918.2
#3	.08424	3.4890	2.1181	1.7595	7.9036	.9747	83.402	3863.0

Sample Name: S5 Acquired: 3/8/2019 11:38:05 Type: Cal
 Method: P4-ICP2(v2928) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-132.38
Stddev	1.76
%RSD	1.3268

#1	-132.99
#2	-133.74
#3	-130.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.3	42798.	5282.3	29.718	3593.2
Stddev	11.6	137.	8.9	1.418	27.9
%RSD	.28316	.31935	.16809	4.7726	.77655

#1	4069.1	42676.	5287.7	29.001	3566.5
#2	4079.8	42946.	5287.2	31.352	3622.2
#3	4092.2	42774.	5272.1	28.801	3591.0

Sample Name: ICV01 Acquired: 3/8/2019 11:42:10 Type: Unk
 Method: P4-ICP2(v2928) 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	1.0160	1.0284	1.0072	1.0187	1.0221	2.5046	.48889
Stddev	.0052	.0041	.0053	.0028	.0044	.0393	.00518
%RSD	.50990	.39787	.52309	.27555	.43021	1.5674	1.0593

#1	1.0167	1.0283	1.0038	1.0188	1.0233	2.4814	.49484
#2	1.0106	1.0244	1.0044	1.0158	1.0173	2.5499	.48546
#3	1.0209	1.0326	1.0132	1.0214	1.0258	2.4824	.48636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50037	.48769	10.319	.51276	.50483	.50715	5.2051
Stddev	.00082	.00113	.076	.00199	.00248	.00218	.0860
%RSD	.16378	.23179	.74086	.38871	.49221	.42993	1.6531

#1	.49946	.48797	10.338	.51047	.50405	.50883	5.2881
#2	.50105	.48645	10.384	.51367	.50283	.50468	5.1163
#3	.50059	.48866	10.235	.51413	.50761	.50793	5.2109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52006	6.0836	.50661	.50639	9.7096	.50708	.98183
Stddev	.00029	.0138	.00180	.00265	.2225	.00179	.00155
%RSD	.05643	.22593	.35505	.52392	2.2915	.35227	.15833

#1	.52025	6.0897	.50549	.50597	9.8795	.50520	.98176
#2	.51972	6.0933	.50566	.50923	9.4577	.50730	.98031
#3	.52021	6.0679	.50869	.50397	9.7915	.50875	.98342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9853	F 1.9564	F 1.9493	F 2.8084	2.5430	F 1.9171	F 1.9503
Stddev	.0531	.0024	.0051	.0202	.0507	.0052	.0040
%RSD	.53221	.12065	.26116	.71915	1.9942	.26936	.20664

#1	10.045	1.9591	1.9443	2.8023	2.5753	1.9131	1.9543
#2	9.9425	1.9551	1.9490	2.7919	2.4846	1.9153	1.9504
#3	9.9686	1.9550	1.9545	2.8309	2.5692	1.9229	1.9462

Sample Name: ICV01 Acquired: 3/8/2019 11:42:10 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 3.1250	F 2.927	F 3.2276	F 2.5195	F<.00000
Stddev	.0503	.008	.0469	.1173	.97434
%RSD	1.6099	.2798	1.4515	4.6562	11.435
#1	3.1711	2.934	3.2685	2.5134	-7.5039
#2	3.0714	2.918	3.1765	2.6398	-9.4463
#3	3.1326	2.930	3.2377	2.4054	-8.6109
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4249.2	44446.	5460.6	31.169	3983.1
Stddev	12.3	206.	86.6	.789	13.2
%RSD	.28968	.46279	1.5853	2.5324	.33039
#1	4247.8	44513.	5386.5	31.429	3989.6
#2	4262.2	44215.	5555.7	31.796	3991.7
#3	4237.7	44610.	5439.4	30.283	3967.9

Sample Name: LLICV01 Acquired: 3/8/2019 11:51:25 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02101	.04536	.01271	.02240	.05528	.10526	.08566
Stddev	.00330	.00102	.00074	.00341	.00269	.01535	.00587
%RSD	15.704	2.2375	5.7891	15.243	4.8668	14.579	6.8469

#1	.02445	.04653	.01354	.02054	.05789	.08754	.09014
#2	.02070	.04492	.01244	.02032	.05252	.11377	.07902
#3	.01787	.04464	.01214	.02634	.05544	.11446	.08783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	.00595	2.1060	.01128	.03298	.02225	.10702
Stddev	.00010	.00001	.0379	.00059	.00026	.00006	.00152
%RSD	1.6146	.14201	1.7973	5.2271	.79360	.26436	1.4158

#1	.00621	.00595	2.0627	.01066	.03278	.02220	.10536
#2	.00637	.00594	2.1226	.01136	.03327	.02232	.10737
#3	.00640	.00595	2.1327	.01183	.03288	.02224	.10833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02229	2.1645	.04342	.01093	1.7888	.04467	.04294
Stddev	.00027	.0223	.00046	.00015	.0028	.00029	.00032
%RSD	1.2012	1.0305	1.0629	1.3316	.15751	.64726	.75526

#1	.02203	2.1485	.04357	.01102	1.7861	.04466	.04317
#2	.02227	2.1899	.04291	.01100	1.7885	.04439	.04307
#3	.02257	2.1549	.04380	.01076	1.7917	.04496	.04257

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8508	.20415	.09839	F -.00539	.40199	.04088	.04073
Stddev	.0102	.00055	.00447	.01234	.00509	.00045	.00088
%RSD	.55043	.26923	4.5404	228.81	1.2653	1.1071	2.1604

#1	1.8506	.20459	.09974	.00859	.40035	.04049	.04106
#2	1.8406	.20432	.10203	-.01003	.40769	.04137	.03973
#3	1.8610	.20353	.09340	-.01474	.39792	.04077	.04140

Sample Name: LLICV01 Acquired: 3/8/2019 11:51:25 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00343	.0178	.02076	F 2.4470	F .28531
Stddev	.00440	.0004	.00016	.0100	.63959
%RSD	128.30	2.501	.75758	.40763	224.17
#1	.00650	.0173	.02067	2.4402	.40565
#2	.00541	.0181	.02066	2.4584	.85618
#3	-.00161	.0180	.02094	2.4422	-.40590
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4208.0	44369.	5412.6	31.997	4061.6
Stddev	2.0	149.	46.3	1.204	7.7
%RSD	.04785	.33656	.85566	3.7624	.18848
#1	4206.0	44498.	5430.1	30.642	4063.8
#2	4210.1	44405.	5360.1	32.942	4068.0
#3	4207.9	44206.	5447.6	32.408	4053.1

Sample Name: ICB01 Acquired: 3/8/2019 11:55:50 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	.00005	-.00054	-.00052	-.00118	-.00441	-.01730
Stddev	.00083	.00094	.00075	.00166	.00140	.00372	.00045
%RSD	61.912	1793.7	138.58	318.01	118.19	84.382	2.5843

#1	.00212	.00059	-.00111	.00132	-.00164	-.00466	-.01778
#2	.00047	.00060	-.00083	-.00189	-.00229	-.00800	-.01721
#3	.00142	-.00103	.00031	-.00100	.00039	-.00057	-.01690

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00007	-.00516	.00008	.00042	-.00058	-.00293
Stddev	.00003	.00005	.00670	.00021	.00008	.00037	.00022
%RSD	21.051	72.467	129.88	269.74	19.554	64.392	7.6383

#1	-.00012	-.00008	.00166	-.00016	.00038	-.00071	-.00280
#2	-.00011	-.00001	-.00540	.00016	.00052	-.00016	-.00319
#3	-.00016	-.00010	-.01173	.00023	.00037	-.00087	-.00280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.04531	-.00035	.00030	-.27774	.00012	-.00028
Stddev	.00002	.02347	.00031	.00022	.00941	.00030	.00008
%RSD	77.738	51.789	87.180	73.892	3.3885	240.80	27.800

#1	-.00005	-.02742	-.00057	.00055	-.28835	-.00016	-.00030
#2	-.00000	-.03663	-.00049	.00020	-.27450	.00043	-.00020
#3	-.00003	-.07188	-.00000	.00014	-.27038	.00011	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17695	-.00024	.00658	-.00123	-.00015	-.00030	-.00060
Stddev	.03895	.00018	.00455	.00243	.00149	.00014	.00096
%RSD	22.014	76.577	69.164	196.61	976.19	47.043	161.58

#1	-.21155	-.00040	.00819	-.00271	.00115	-.00015	-.00148
#2	-.18454	-.00004	.01010	-.00256	.00017	-.00042	.00043
#3	-.13476	-.00027	.00144	.00157	-.00178	-.00032	-.00075

Sample Name: ICB01 Acquired: 3/8/2019 11:55:50 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01489	-.0017	-.00006	F 2.7543	F .14939
Stddev	.00169	.0003	.00005	.1701	1.5249
%RSD	11.334	18.80	80.996	6.1769	1020.8
#1	-.01498	-.0016	-.00001	2.8148	-1.5891
#2	-.01654	-.0014	-.00010	2.5621	.77643
#3	-.01316	-.0020	-.00006	2.8858	1.2608
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4202.1	43997.	5402.0	32.186	4061.2
Stddev	4.8	64.	33.2	.842	3.0
%RSD	.11311	.14613	.61523	2.6161	.07314
#1	4199.1	43971.	5381.0	31.242	4060.7
#2	4207.6	44071.	5384.7	32.858	4064.4
#3	4199.7	43950.	5440.3	32.458	4058.5

Sample Name: CRI01 Acquired: 3/8/2019 12:00:17 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01939	.04643	.01230	.02161	.05371	.09673	.09045
Stddev	.00075	.00030	.00225	.00022	.00051	.00498	.00470
%RSD	3.8768	.64859	18.327	1.0253	.94590	5.1497	5.1948

#1	.01889	.04669	.01282	.02176	.05430	.09185	.09419
#2	.01903	.04650	.00983	.02171	.05346	.09652	.08517
#3	.02026	.04610	.01425	.02136	.05338	.10181	.09197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.00581	2.1320	.01160	.03337	.02203	.11008
Stddev	.00003	.00012	.0088	.00047	.00033	.00031	.00472
%RSD	.44349	2.1420	.41125	4.0237	1.0028	1.4216	4.2917

#1	.00636	.00567	2.1249	.01108	.03362	.02184	.11542
#2	.00633	.00584	2.1293	.01172	.03299	.02239	.10837
#3	.00639	.00591	2.1418	.01199	.03351	.02186	.10645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02252	2.1399	.04390	.01067	1.7260	.04483	.04424
Stddev	.00018	.0325	.00021	.00040	.0201	.00076	.00035
%RSD	.79552	1.5198	.48630	3.7124	1.1642	1.6982	.79204

#1	.02246	2.1172	.04393	.01088	1.7492	.04523	.04393
#2	.02238	2.1772	.04367	.01022	1.7156	.04395	.04416
#3	.02272	2.1254	.04409	.01093	1.7133	.04531	.04462

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7664	.20555	.10102	F -.00413	.40927	.03977	.04039
Stddev	.0168	.00030	.00420	.00656	.00118	.00038	.00099
%RSD	.94837	.14354	4.1607	158.68	.28876	.96169	2.4440

#1	1.7687	.20579	.10511	.00336	.40995	.04018	.04136
#2	1.7486	.20522	.10122	-.00885	.40995	.03942	.04043
#3	1.7819	.20564	.09672	-.00692	.40791	.03971	.03939

Sample Name: CRI01 Acquired: 3/8/2019 12:00:17 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00280	.0171	.02080	F 2.8555	F .12916
Stddev	.00202	.0004	.00016	.1386	2.1800
%RSD	72.036	2.253	.75115	4.8550	1687.8
#1	-.00455	.0175	.02068	2.9665	.53748
#2	-.00060	.0167	.02074	2.7001	-2.2261
#3	-.00325	.0170	.02098	2.8999	2.0761
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4203.1	44167.	5461.0	30.150	4041.7
Stddev	8.6	243.	42.0	1.825	11.0
%RSD	.20519	.55033	.76933	6.0542	.27251
#1	4200.3	43964.	5419.9	29.800	4037.2
#2	4212.7	44437.	5459.5	32.125	4054.2
#3	4196.1	44100.	5503.8	28.525	4033.6

Sample Name: ICSA01 Acquired: 3/8/2019 12:04:43 Type: Unk
Method: P4-ICP2(v2928) 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	-.00293	.00003	-.00422	.00315	-.01101	297.91	-.01563	-.00522
Stddev	.00727	.00322	.00119	.00672	.00436	1.18	.00242	.00027
%RSD	248.15	10383.	28.089	213.33	39.622	.39478	15.500	5.2030

#1	-.00905	-.00091	-.00285	-.00303	-.01542	297.40	-.01782	-.00494
#2	-.00485	.00362	-.00486	.00218	-.01091	297.07	-.01603	-.00549
#3	.00511	-.00262	-.00495	.01030	-.00670	299.25	-.01303	-.00524

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00457	268.35	.05485	.00002	.00398	98.163	.01587	277.85
Stddev	.00008	1.49	.00031	.00015	.00021	.897	.00007	1.74
%RSD	1.6438	.55567	.56002	812.30	5.1575	.91366	.41092	.62536

#1	-.00453	266.71	.05498	.00016	.00377	98.127	.01593	276.07
#2	-.00466	269.64	.05450	.00002	.00418	99.077	.01587	279.55
#3	-.00452	268.70	.05507	-.00013	.00398	97.284	.01580	277.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00586	-.00381	-.24694	.00199	-.03795	-.16699	.00119	-.03855
Stddev	.00043	.00004	.00142	.00051	.00043	.04619	.00014	.00635
%RSD	7.2675	1.1698	.57588	25.336	1.1344	27.662	11.353	16.469

#1	-.00624	-.00377	-.24542	.00221	-.03789	-.20577	.00105	-.03435
#2	-.00540	-.00386	-.24824	.00235	-.03841	-.11588	.00132	-.04585
#3	-.00593	-.00382	-.24716	.00142	-.03755	-.17932	.00120	-.03544

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01454	-.00447	.01046	-.00984	.01713	-.0041	.00429	5.2682
Stddev	.00400	.00165	.00129	.00069	.00462	.0011	.00096	.0778
%RSD	27.537	36.921	12.337	7.0253	26.972	26.09	22.407	1.4767

#1	.01176	-.00302	.01173	-.00923	.01298	-.0052	.00453	5.2663
#2	.01913	-.00412	.01050	-.00970	.01629	-.0031	.00323	5.3470
#3	.01274	-.00626	.00915	-.01059	.02211	-.0041	.00512	5.1915

Sample Name: ICSA01 Acquired: 3/8/2019 12:04:43 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.5226
%RSD	.88544

#1	-285.03
#2	-287.35
#3	-282.31

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.6	38492.	5220.7	27.958	3273.6
Stddev	4.1	46.	42.2	1.635	5.9
%RSD	.11004	.11844	.80742	5.8476	.17934

#1	3743.9	38475.	5212.0	26.478	3266.9
#2	3750.2	38457.	5183.5	29.713	3277.4
#3	3751.7	38544.	5266.5	27.684	3276.6

Sample Name: ICSAB01 Acquired: 3/8/2019 12:09:14 Type: Unk
Method: P4-ICP2(v2928) 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	.11010	.10024	.04968	.05957	.67595	294.32	.51704	.59176
Stddev	.00092	.00342	.00019	.00598	.00034	.58	.00529	.00082
%RSD	.83263	3.4112	.39039	10.034	.05028	.19691	1.0237	.13779
#1	.10974	.09886	.04953	.06644	.67602	293.69	.52162	.59250
#2	.11115	.10414	.04961	.05554	.67558	294.84	.51825	.59089
#3	.10943	.09773	.04990	.05674	.67625	294.42	.51124	.59187
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0808	262.34	.61773	.53651	.54459	96.311	.56283	272.40
Stddev	.0031	1.50	.00069	.00065	.00097	.180	.00072	2.07
%RSD	.29077	.57368	.11232	.12127	.17725	.18670	.12763	.75910
#1	1.0772	260.81	.61720	.53576	.54548	96.374	.56340	270.21
#2	1.0821	263.81	.61747	.53695	.54356	96.108	.56202	274.32
#3	1.0830	262.38	.61851	.53682	.54473	96.451	.56307	272.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0657	.16802	-.24972	.54405	1.1244	-.17275	1.1544	1.0905
Stddev	.0005	.00014	.00637	.00331	.0038	.02583	.0048	.0117
%RSD	.04935	.08252	2.5500	.60905	.33580	14.951	.41317	1.0728
#1	1.0652	.16816	-.25587	.54423	1.1204	-.15152	1.1588	1.1009
#2	1.0656	.16800	-.25014	.54065	1.1248	-.16524	1.1551	1.0779
#3	1.0663	.16788	-.24315	.54727	1.1279	-.20151	1.1493	1.0927
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.3203	1.0372	1.1790	1.1507	F 1.3867	F 1.318	F 1.3616	5.6338
Stddev	.0188	.0033	.0034	.0057	.0052	.001	.0038	.0902
%RSD	1.4240	.32028	.28573	.49914	.37284	.1097	.27865	1.6017
#1	1.3420	1.0350	1.1753	1.1565	1.3921	1.317	1.3591	5.7303
#2	1.3102	1.0355	1.1800	1.1508	1.3860	1.320	1.3659	5.5515
#3	1.3088	1.0410	1.1818	1.1450	1.3819	1.318	1.3597	5.6197

Sample Name: ICSAB01 Acquired: 3/8/2019 12:09:14 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.1243
%RSD	.40262

#1	-278.98
#2	-280.47
#3	-278.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3737.7	38312.	5241.4	28.373	3266.7
Stddev	2.2	67.	3.3	1.236	8.0
%RSD	.05900	.17523	.06295	4.3552	.24497

#1	3736.1	38298.	5239.9	28.186	3274.3
#2	3736.9	38386.	5245.2	29.692	3267.6
#3	3740.3	38254.	5239.1	27.242	3258.3

Sample Name: CCV01 Acquired: 3/8/2019 12:30:48 Type: Unk
Method: P4-ICP2(v2928) 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	5.2458	5.1295	5.1354	5.2335	5.2936	10.296	9.7661	.26306
Stddev	.0079	.0281	.0243	.0031	.0116	.011	.0773	.00113
%RSD	.15050	.54741	.47340	.05894	.21923	.10480	.79142	.42820
#1	5.2372	5.1073	5.1096	5.2310	5.3059	10.284	9.8444	.26291
#2	5.2474	5.1201	5.1388	5.2370	5.2918	10.306	9.6899	.26201
#3	5.2527	5.1611	5.1579	5.2325	5.2829	10.297	9.7640	.26425
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5793	24.918	1.0456	2.5485	1.2862	4.9011	2.5722	24.563
Stddev	.0090	.142	.0030	.0122	.0021	.0340	.0052	.152
%RSD	.34922	.56898	.28816	.47724	.16345	.69343	.20013	.62057
#1	2.5694	25.082	1.0422	2.5354	1.2875	4.9386	2.5668	24.635
#2	2.5814	24.839	1.0476	2.5506	1.2874	4.8723	2.5727	24.388
#3	2.5870	24.834	1.0471	2.5594	1.2838	4.8925	2.5771	24.667
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5326	1.2534	23.381	2.4665	2.5867	23.178	4.9800	4.7860
Stddev	.0053	.0010	.263	.0090	.0094	.207	.0039	.0294
%RSD	.20773	.08105	1.1259	.36662	.36479	.89447	.07897	.61425
#1	2.5277	1.2538	23.579	2.4590	2.5761	23.376	4.9803	4.7980
#2	2.5321	1.2523	23.083	2.4639	2.5895	22.962	4.9837	4.7525
#3	2.5381	1.2542	23.482	2.4765	2.5943	23.196	4.9759	4.8075
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0941	4.6603	4.9491	5.0187	4.8408	5.077	5.1833	4.9514
Stddev	.0184	.0395	.0158	.0353	.0448	.025	.0329	.0247
%RSD	.36165	.84724	.31836	.70278	.92557	.4938	.63413	.49907
#1	5.0795	4.7037	4.9310	5.0544	4.8862	5.053	5.2204	4.9469
#2	5.0880	4.6505	4.9565	4.9838	4.7967	5.074	5.1578	4.9781
#3	5.1148	4.6266	4.9598	5.0181	4.8395	5.103	5.1718	4.9293

Sample Name: CCV01 Acquired: 3/8/2019 12:30:48 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7875
Stddev .4701
%RSD 16.865

#1 2.4046
#2 2.6456
#3 3.3122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.8	40586.	5379.0	28.452	3514.5
Stddev	7.8	139.	31.9	.574	7.3
%RSD	.20221	.34283	.59396	2.0187	.20873

#1	3873.1	40730.	5347.0	27.844	3523.0
#2	3875.6	40574.	5410.9	28.526	3510.1
#3	3887.8	40453.	5379.0	28.986	3510.5

Sample Name: LLCCV01 Acquired: 3/8/2019 12:34:48 Type: Unk
Method: P4-ICP2(v2928) 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	.02312	.04664	.01366	.02361	.05812	.11940	.08222
Stddev	.00097	.00290	.00166	.00298	.00272	.01735	.00373
%RSD	4.1845	6.2210	12.141	12.639	4.6875	14.533	4.5358

#1	.02260	.04943	.01557	.02031	.05888	.11926	.08632
#2	.02423	.04685	.01286	.02441	.05509	.10213	.08132
#3	.02252	.04364	.01256	.02612	.06038	.13683	.07903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00621	2.1481	.01154	.03551	.02244	.10825
Stddev	.00002	.00003	.0267	.00031	.00020	.00022	.00171
%RSD	.27604	.52031	1.2421	2.6565	.55082	.99145	1.5818

#1	.00671	.00619	2.1545	.01182	.03545	.02263	.11003
#2	.00668	.00619	2.1187	.01158	.03534	.02251	.10661
#3	.00668	.00625	2.1709	.01121	.03572	.02220	.10813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02372	2.1191	.04514	.01172	1.6986	.04522	.04620
Stddev	.00006	.0443	.00021	.00017	.0108	.00021	.00025
%RSD	.25521	2.0912	.47316	1.4460	.63413	.46330	.53172

#1	.02370	2.1415	.04501	.01165	1.7075	.04544	.04617
#2	.02367	2.0680	.04502	.01192	1.6867	.04503	.04646
#3	.02378	2.1476	.04538	.01161	1.7017	.04520	.04598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7766	.20815	.11612	.01911	.39606	.04124	.04263
Stddev	.0546	.00029	.00820	.01916	.00344	.00080	.00064
%RSD	3.0754	.14084	7.0641	100.24	.86778	1.9339	1.5093

#1	1.8282	.20810	.12153	-.00137	.39869	.04067	.04189
#2	1.7823	.20846	.10668	.03659	.39217	.04215	.04302
#3	1.7194	.20788	.12014	.02212	.39731	.04090	.04298

Sample Name: LLCCV01 Acquired: 3/8/2019 12:34:48 Type: Unk
Method: P4-ICP2(v2928) 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 -.00226	.0176	.02155	F 3.7972	F .77464
Stddev	.00344	.0008	.00002	.0910	.49840
%RSD	151.80	4.518	.10869	2.3968	64.340
#1	-.00145	.0173	.02152	3.7499	1.3343
#2	.00069	.0169	.02156	3.7397	.37873
#3	-.00604	.0185	.02156	3.9022	.61086
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4022.6	42487.	5520.1	31.233	3870.7
Stddev	2.0	130.	61.5	1.914	5.4
%RSD	.05094	.30682	1.1150	6.1284	.14064
#1	4021.0	42452.	5499.4	33.250	3873.3
#2	4021.8	42631.	5589.3	31.008	3864.4
#3	4024.9	42377.	5471.5	29.442	3874.2

Sample Name: CCB01 Acquired: 3/8/2019 12:39:16 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.00031	-.00014	-.00013	-.00038	-.00307	-.02598
Stddev	.00208	.00058	.00110	.00350	.00280	.01812	.00497
%RSD	361.42	187.69	814.79	2736.9	728.95	591.10	19.140

#1	.00206	-.00036	.00006	-.00313	.00195	.00818	-.02697
#2	-.00180	.00063	.00086	-.00097	-.00348	-.02397	-.03038
#3	.00147	.00067	-.00132	.00371	.00038	.00659	-.02059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00010	.00821	.00042	.00034	-.00031	-.00414
Stddev	.00006	.00003	.00480	.00023	.00019	.00033	.00160
%RSD	99.686	29.759	58.448	54.179	56.383	107.25	38.700

#1	-.00009	-.00007	.00481	.00020	.00049	-.00064	-.00599
#2	.00001	-.00013	.00611	.00065	.00012	-.00031	-.00332
#3	-.00010	-.00010	.01369	.00041	.00041	.00002	-.00312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04091	-.00087	.00034	-.35207	-.00008	-.00031
Stddev	.00007	.01853	.00055	.00026	.00793	.00011	.00005
%RSD	164.31	45.290	62.687	75.725	2.2518	135.48	15.085

#1	-.00003	-.03796	-.00050	.00022	-.34450	-.00011	-.00029
#2	.00010	-.06073	-.00150	.00016	-.35140	.00004	-.00028
#3	.00006	-.02403	-.00062	.00063	-.36032	-.00017	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.23329	-.00002	.00070	F -.01009	.00147	-.00046	.00010
Stddev	.01441	.00015	.00400	.00810	.00069	.00084	.00200
%RSD	6.1780	1001.8	568.45	80.209	47.023	183.97	2045.7

#1	-.22246	.00002	.00481	-.00708	.00174	-.00128	-.00157
#2	-.22777	-.00018	.00049	-.01926	.00198	-.00051	.00232
#3	-.24965	.00012	-.00318	-.00393	.00068	.00041	-.00046

Sample Name: CCB01 Acquired: 3/8/2019 12:39:16 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02031	-.0053	-.00000	F 3.9913	F .21852
Stddev	.00181	.0021	.00011	.1035	.53827
%RSD	8.8919	40.90	4690.5	2.5938	246.33
#1	-.02119	-.0038	.00007	4.1061	-.27928
#2	-.01823	-.0077	.00005	3.9049	.14510
#3	-.02151	-.0043	-.00012	3.9630	.78973
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3967.7	42248.	5510.1	31.778	3814.8
Stddev	8.6	256.	71.5	.550	6.0
%RSD	.21727	.60514	1.2984	1.7308	.15701
#1	3966.3	41973.	5432.1	32.175	3810.7
#2	3959.9	42477.	5525.2	32.008	3812.0
#3	3977.0	42295.	5572.8	31.150	3821.7

Sample Name: K1737-01 Acquired: 3/8/2019 12:48:28 Type: Unk
Method: P4-ICP2(v2928) 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	-.00085	.00127	.10055	.00055	-.00180	.04892	-.02614
Stddev	.00036	.00081	.00064	.00445	.00274	.00976	.00177
%RSD	42.925	64.281	.63917	808.02	151.69	19.962	6.7798

#1	-.00060	.00151	.09982	-.00458	-.00494	.05629	-.02749
#2	-.00127	.00036	.10103	.00294	-.00058	.03784	-.02413
#3	-.00068	.00194	.10080	.00329	.00011	.05262	-.02680

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00016	.16925	.00195	.00027	.00768	.01206
Stddev	.00004	.00010	.00779	.00025	.00018	.00027	.00153
%RSD	42.661	63.452	4.6003	12.898	68.124	3.5292	12.671

#1	-.00009	.00017	.17704	.00192	.00006	.00765	.01382
#2	-.00006	.00006	.16147	.00221	.00041	.00796	.01115
#3	-.00015	.00027	.16923	.00171	.00032	.00742	.01120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.01581	.00208	.00033	-.36864	.00020	.08151
Stddev	.00009	.06539	.00041	.00069	.01182	.00062	.00044
%RSD	4.0434	413.65	19.737	209.47	3.2052	317.04	.53977

#1	.00227	.04641	.00169	.00080	-.35893	.00045	.08202
#2	.00219	-.08396	.00204	-.00046	-.36519	-.00051	.08121
#3	.00237	-.00987	.00250	.00065	-.38180	.00065	.08131

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.19307	-.00028	.00156	-.03065	.01631	-.00399	-.00184
Stddev	.01725	.00016	.00680	.00742	.00236	.00062	.00089
%RSD	8.9343	57.384	436.85	24.209	14.454	15.599	48.097

#1	-.18779	-.00046	.00245	-.03878	.01568	-.00351	-.00097
#2	-.17907	-.00020	-.00564	-.02424	.01892	-.00470	-.00181
#3	-.21234	-.00017	.00786	-.02892	.01433	-.00377	-.00274

Sample Name: K1737-01 Acquired: 3/8/2019 12:48:28 Type: Unk
 Method: P4-ICP2(v2928) 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	-.03517	-.0044	.00024	3.0621	F<.00000
Stddev	.00491	.0009	.00003	.1078	2.2336
%RSD	13.951	20.44	13.240	3.5215	198.30

#1	-.03383	-.0054	.00028	3.1740	1.4273
#2	-.04061	-.0038	.00022	3.0534	-2.0902
#3	-.03108	-.0040	.00023	2.9588	-2.7163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4142.6	44551.	5732.3	33.958	4051.3
Stddev	6.6	180.	19.5	2.004	5.2
%RSD	.15852	.40475	.33979	5.9012	.12782

#1	4150.1	44344.	5716.6	33.142	4056.5
#2	4139.5	44673.	5726.2	36.242	4046.1
#3	4138.1	44635.	5754.1	32.492	4051.2

Sample Name: K1737-01DUP Acquired: 3/8/2019 12:52:56 Type: Unk
Method: P4-ICP2(v2928) 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	-.00003	-.00072	.10161	.00072	-.00077	.05767	-.02729	-.00010
Stddev	.00182	.00093	.00082	.00162	.00023	.00444	.00173	.00007
%RSD	7194.2	130.15	.80264	224.53	29.526	7.7058	6.3476	68.963

#1	.00128	-.00007	.10159	.00241	-.00102	.05503	-.02533	-.00004
#2	-.00211	-.00029	.10080	-.00082	-.00070	.05518	-.02861	-.00009
#3	.00075	-.00179	.10243	.00058	-.00058	.06280	-.02792	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.16325	.00227	.00018	.00724	.00987	.00225	.00724
Stddev	.00006	.01676	.00015	.00013	.00018	.00144	.00004	.04683
%RSD	35.686	10.264	6.7394	71.366	2.4515	14.565	1.7403	647.30

#1	.00011	.16247	.00228	.00032	.00714	.00878	.00229	-.02398
#2	.00024	.14690	.00211	.00015	.00744	.01150	.00223	.06109
#3	.00019	.18038	.00242	.00007	.00713	.00933	.00222	-.01540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00054	-.36833	.00047	.08206	-.22434	-.00019	.00190
Stddev	.00034	.00033	.00291	.00019	.00024	.03341	.00026	.00845
%RSD	16.623	61.734	.78947	40.773	.29821	14.893	140.44	445.23

#1	.00246	.00043	-.37112	.00060	.08202	-.19305	-.00004	.00815
#2	.00187	.00028	-.36854	.00056	.08184	-.22046	-.00003	-.00772
#3	.00186	.00091	-.36531	.00025	.08232	-.25953	-.00049	.00527

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02154	.01655	-.00382	-.00106	-.03178	-.0038	.00033	3.2058
Stddev	.00385	.00049	.00042	.00131	.00164	.0014	.00002	.0389
%RSD	17.892	2.9498	10.930	123.55	5.1477	36.99	6.6914	1.2127

#1	-.01760	.01599	-.00336	.00045	-.03014	-.0040	.00034	3.1706
#2	-.02530	.01689	-.00392	-.00190	-.03341	-.0023	.00030	3.2475
#3	-.02172	.01677	-.00417	-.00173	-.03180	-.0051	.00034	3.1993

Sample Name: K1737-01DUP Acquired: 3/8/2019 12:52:56 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .67593
 %RSD 80.163

#1 -.17303
 #2 -1.5248
 #3 -.83180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.0	44138.	5704.8	31.481	4013.5
Stddev	11.7	72.	24.3	1.054	3.7
%RSD	.28500	.16215	.42591	3.3495	.09191

#1	4082.0	44188.	5688.3	30.533	4011.2
#2	4105.2	44056.	5693.4	32.617	4017.7
#3	4091.7	44169.	5732.7	31.292	4011.5

Sample Name: K1737-01LX5 Acquired: 3/8/2019 12:57:24 Type: Unk
Method: P4-ICP2(v2928) 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	-.00189	-.00009	.02130	-.00112	-.00040	.00161	-.02659	-.00000
Stddev	.00299	.00088	.00048	.00127	.00121	.00954	.00405	.00012
%RSD	158.12	995.44	2.2712	113.09	300.68	593.27	15.237	3095.5

#1	-.00307	-.00111	.02075	.00028	-.00137	.00100	-.02225	.00004
#2	-.00411	.00036	.02149	-.00144	-.00079	-.00762	-.02723	.00009
#3	.00151	.00048	.02166	-.00220	.00095	.01144	-.03028	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04202	.00065	-.00001	.00127	-.00048	.00051	-.02575
Stddev	.00006	.00864	.00037	.00030	.00040	.00016	.00008	.03246
%RSD	200.56	20.553	57.378	3769.4	31.104	32.412	15.297	126.04

#1	.00002	.04349	.00027	.00005	.00098	-.00055	.00048	-.00187
#2	-.00001	.04982	.00102	.00026	.00111	-.00059	.00059	-.06272
#3	-.00010	.03274	.00066	-.00033	.00172	-.00030	.00045	-.01268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00103	-.36367	.00003	.01683	-.22573	-.00012	-.00261
Stddev	.00020	.00007	.00995	.00049	.00019	.01837	.00030	.00308
%RSD	42.078	6.4247	2.7357	1673.0	1.1399	8.1357	251.15	117.83

#1	-.00024	.00096	-.35536	-.00050	.01665	-.23317	.00004	-.00589
#2	-.00062	.00108	-.36096	.00048	.01681	-.20482	-.00047	.00021
#3	-.00053	.00106	-.37470	.00012	.01703	-.23922	.00007	-.00215

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00549	.00424	-.00201	-.00325	-.02503	-.0045	.00011	4.0490
Stddev	.00795	.00189	.00064	.00333	.00021	.0011	.00004	.0955
%RSD	144.74	44.613	32.012	102.59	.82357	25.59	40.119	2.3590

#1	.00368	.00643	-.00139	-.00335	-.02520	-.0048	.00010	4.0967
#2	-.01043	.00304	-.00196	-.00653	-.02480	-.0032	.00006	3.9390
#3	-.00971	.00326	-.00267	.00013	-.02509	-.0054	.00015	4.1112

Sample Name: K1737-01LX5 Acquired: 3/8/2019 12:57:24 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .50837
Stddev .72874
%RSD 143.35

#1 .83641
#2 1.0154
#3 -.32674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3944.2	42221.	5486.4	30.000	3834.6
Stddev	8.2	127.	21.9	.631	10.6
%RSD	.20872	.30097	.39956	2.1032	.27758

#1	3938.4	42108.	5462.6	29.575	3825.3
#2	3940.7	42359.	5490.7	30.725	3846.2
#3	3953.6	42197.	5505.8	29.700	3832.2

Sample Name: K1737-01MS Acquired: 3/8/2019 13:01:52 Type: Unk
Method: P4-ICP2(v2928) 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	.93433	2.3423	1.2414	2.3548	.94015	2.3370	.19991
Stddev	.00303	.0039	.0040	.0094	.00456	.0198	.00622
%RSD	.32464	.16562	.31782	.39765	.48490	.84611	3.1132

#1	.93551	2.3456	1.2372	2.3448	.93618	2.3361	.19416
#2	.93659	2.3380	1.2450	2.3563	.93914	2.3178	.20652
#3	.93088	2.3433	1.2420	2.3633	.94513	2.3573	.19905

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23722	.22471	1.3186	.48109	.23854	.37826	3.4847
Stddev	.00017	.00022	.0054	.00243	.00034	.00072	.0037
%RSD	.07233	.09985	.41075	.50488	.14071	.18986	.10567

#1	.23702	.22449	1.3244	.47849	.23822	.37807	3.4844
#2	.23730	.22494	1.3138	.48148	.23851	.37905	3.4812
#3	.23733	.22470	1.3175	.48330	.23889	.37765	3.4885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24722	2.2948	.56994	.08242	2.8843	.32975	.31322
Stddev	.00088	.0201	.00143	.00038	.0157	.00171	.00053
%RSD	.35639	.87731	.25090	.45880	.54299	.51865	.16786

#1	.24794	2.3169	.56832	.08283	2.8742	.33133	.31287
#2	.24749	2.2775	.57049	.08234	2.8762	.32998	.31383
#3	.24624	2.2899	.57102	.08208	2.9023	.32793	.31296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.231	.42365	.30654	-.03560	.94188	.70357	.20762
Stddev	.103	.00128	.00885	.00408	.00568	.00414	.00239
%RSD	1.0064	.30174	2.8856	11.456	.60258	.58795	1.1521

#1	10.121	.42274	.30104	-.03826	.94532	.69888	.20806
#2	10.245	.42310	.30183	-.03763	.93533	.70671	.20503
#3	10.325	.42511	.31674	-.03090	.94500	.70512	.20976

Sample Name: K1737-01MS Acquired: 3/8/2019 13:01:52 Type: Unk
Method: P4-ICP2(v2928) 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	.19420	6.253	.22974	3.8750	F<.00000
Stddev	.00393	.011	.00242	.2204	2.8997
%RSD	2.0219	.1746	1.0533	5.6882	12.900

#1	.19090	6.241	.23073	3.6703	-24.237
#2	.19317	6.257	.22699	3.8464	-19.132
#3	.19854	6.261	.23151	4.1083	-24.068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4053.1	43495.	5659.1	33.310	3933.8
Stddev	9.6	174.	13.5	1.209	6.0
%RSD	.23622	.40102	.23927	3.6298	.15252

#1	4049.7	43689.	5668.5	34.350	3936.2
#2	4063.9	43444.	5665.2	33.597	3938.3
#3	4045.7	43352.	5643.6	31.983	3927.0

Sample Name: K1737-01MSD Acquired: 3/8/2019 13:05:57 Type: Unk
Method: P4-ICP2(v2928) 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	.94958	2.3682	1.2534	2.3882	.94473	2.3594	.20070
Stddev	.00276	.0213	.0101	.0138	.00507	.0227	.00659
%RSD	.29066	.90024	.80147	.57603	.53614	.96262	3.2812

#1	.94778	2.3756	1.2594	2.3733	.94381	2.3462	.20693
#2	.95276	2.3847	1.2591	2.4003	.95019	2.3464	.20136
#3	.94821	2.3441	1.2418	2.3911	.94018	2.3856	.19381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24134	.22733	1.3316	.48819	.24116	.38316	3.5586
Stddev	.00052	.00146	.0136	.00260	.00176	.00269	.0093
%RSD	.21387	.64414	1.0214	.53316	.72942	.70103	.26217

#1	.24090	.22808	1.3237	.48625	.24145	.38128	3.5553
#2	.24122	.22827	1.3238	.48717	.24276	.38624	3.5692
#3	.24191	.22565	1.3473	.49114	.23928	.38197	3.5515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25088	2.2899	.57361	.08290	2.9058	.33492	.31659
Stddev	.00026	.0553	.00295	.00022	.0111	.00042	.00153
%RSD	.10344	2.4168	.51493	.26090	.38063	.12644	.48250

#1	.25076	2.2490	.57353	.08305	2.8965	.33497	.31727
#2	.25118	2.2678	.57660	.08265	2.9180	.33531	.31767
#3	.25070	2.3529	.57070	.08300	2.9028	.33447	.31484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.373	.42432	.31354	-.04040	.96744	.70496	.20548
Stddev	.047	.00149	.00554	.00346	.00874	.00465	.00284
%RSD	.45169	.35171	1.7671	8.5627	.90374	.65921	1.3836

#1	10.379	.42357	.31969	-.03719	.97516	.70459	.20418
#2	10.417	.42604	.31199	-.04406	.96922	.70978	.20351
#3	10.324	.42336	.30894	-.03995	.95795	.70050	.20874

Sample Name: K1737-01MSD Acquired: 3/8/2019 13:05:57 Type: Unk
Method: P4-ICP2(v2928) 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	.19643	6.310	.23346	3.7774	F<.00000
Stddev	.00223	.040	.00016	.2315	.62573
%RSD	1.1347	.6271	.06956	6.1278	2.5484

#1	.19762	6.321	.23344	3.6586	-23.939
#2	.19782	6.343	.23331	3.6296	-24.532
#3	.19386	6.266	.23363	4.0442	-25.190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.5	43234.	5601.5	31.733	3919.4
Stddev	3.1	267.	9.4	1.457	14.4
%RSD	.07701	.61699	.16770	4.5917	.36842

#1	4030.0	43362.	5600.3	32.433	3909.4
#2	4024.9	43412.	5592.8	30.058	3912.8
#3	4024.5	42927.	5611.4	32.708	3935.9

Sample Name: K1737-01A Acquired: 3/8/2019 13:10:01 Type: Unk
Method: P4-ICP2(v2928) 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	.95778	2.3916	1.2644	2.4238	.94773	2.3900	.20288
Stddev	.00511	.0164	.0082	.0077	.00508	.0121	.00489
%RSD	.53396	.68451	.64788	.31798	.53648	.50498	2.4109

#1	.95811	2.3727	1.2554	2.4160	.94210	2.4033	.20553
#2	.96272	2.4014	1.2664	2.4314	.95197	2.3867	.20586
#3	.95250	2.4006	1.2714	2.4240	.94913	2.3799	.19723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24346	.22920	1.3765	.49192	.24383	.38870	3.5483
Stddev	.00040	.00164	.0086	.00100	.00266	.00108	.0233
%RSD	.16479	.71588	.62645	.20344	1.0920	.27835	.65811

#1	.24330	.22733	1.3730	.49079	.24076	.38746	3.5226
#2	.24317	.22985	1.3702	.49226	.24530	.38946	3.5683
#3	.24392	.23041	1.3863	.49271	.24543	.38917	3.5540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25323	2.2920	.57947	.08296	2.9251	.33685	.31931
Stddev	.00105	.0492	.00472	.00030	.0147	.00077	.00177
%RSD	.41382	2.1478	.81451	.36312	.50440	.22922	.55349

#1	.25403	2.2506	.57416	.08286	2.9392	.33774	.31727
#2	.25204	2.2790	.58107	.08273	2.9264	.33633	.32042
#3	.25361	2.3464	.58318	.08330	2.9098	.33648	.32023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.354	.42629	.32211	-.03432	.94507	.70387	.20670
Stddev	.062	.00169	.00909	.00693	.01225	.00693	.00176
%RSD	.60141	.39671	2.8230	20.194	1.2961	.98452	.85239

#1	10.395	.42434	.32363	-.03177	.93133	.69594	.20868
#2	10.385	.42735	.33035	-.04216	.95485	.70690	.20610
#3	10.282	.42719	.31235	-.02902	.94903	.70877	.20531

Sample Name: K1737-01A Acquired: 3/8/2019 13:10:01 Type: Unk
 Method: P4-ICP2(v2928) 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	.19667	6.385	.23460	3.8721	F<.00000
Stddev	.00210	.052	.00054	.0789	2.1088
%RSD	1.0695	.8109	.23108	2.0375	8.7936
#1	.19794	6.328	.23523	3.8790	-26.406
#2	.19782	6.429	.23429	3.9473	-22.581
#3	.19424	6.399	.23430	3.7900	-22.955
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.6	43147.	5645.5	34.208	3920.7
Stddev	4.6	72.	40.1	.999	11.3
%RSD	.11585	.16645	.71039	2.9193	.28898
#1	4009.8	43215.	5687.1	35.058	3933.8
#2	4012.3	43153.	5607.1	34.458	3913.9
#3	4018.8	43072.	5642.3	33.108	3914.5

Sample Name: PB117709BL Acquired: 3/8/2019 13:14:06 Type: Unk
Method: P4-ICP2(v2928) 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	-.00104	.00134	-.00056	.00126	.00046	-.01916	-.02768
Stddev	.00015	.00155	.00080	.00205	.00222	.00543	.00403
%RSD	14.371	116.20	143.89	162.14	480.37	28.317	14.564

#1	-.00117	.00194	.00035	-.00077	-.00210	-.01951	-.03169
#2	-.00088	.00250	-.00116	.00124	.00163	-.01357	-.02362
#3	-.00107	-.00043	-.00087	.00332	.00185	-.02440	-.02774

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00000	-.00510	.00016	.00008	-.00025	-.00290
Stddev	.00009	.00019	.01352	.00030	.00013	.00018	.00181
%RSD	2833.5	656150.	265.08	191.71	153.96	72.106	62.510

#1	.00000	.00021	.00583	-.00004	-.00006	-.00007	-.00151
#2	.00009	-.00004	-.00091	.00051	.00017	-.00043	-.00494
#3	-.00010	-.00016	-.02022	.00001	.00014	-.00025	-.00224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.05551	-.00021	.00129	-.35924	.00047	-.00041
Stddev	.00005	.03688	.00021	.00012	.00679	.00060	.00004
%RSD	1352.3	66.427	102.34	8.9651	1.8900	126.04	9.6126

#1	-.00003	-.04550	-.00025	.00129	-.35690	-.00016	-.00037
#2	.00006	-.02468	-.00040	.00141	-.35393	.00056	-.00045
#3	-.00002	-.09636	.00002	.00118	-.36689	.00102	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22586	.00009	.00214	F .00582	.00157	-.00160	-.00167
Stddev	.02341	.00017	.01066	.02248	.00121	.00061	.00057
%RSD	10.365	196.97	497.45	386.31	77.316	38.384	34.054

#1	-.19983	.00017	.01022	.03076	.00089	-.00090	-.00110
#2	-.24519	-.00011	-.00994	-.00042	.00085	-.00184	-.00167
#3	-.23257	.00020	.00615	-.01288	.00297	-.00205	-.00223

Sample Name: PB117709BL Acquired: 3/8/2019 13:14:06 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02132	-.0048	-.00006	F 4.1386	F .05525
Stddev	.00056	.0011	.00002	.0587	1.4811
%RSD	2.6231	23.91	27.647	1.4178	2681.0

#1	-.02067	-.0035	-.00005	4.0769	-.76071
#2	-.02161	-.0058	-.00005	4.1452	-.83845
#3	-.02167	-.0050	-.00008	4.1937	1.7649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3915.8	42021.	5474.9	31.647	3817.6
Stddev	6.7	30.	68.1	.360	8.1
%RSD	.16986	.07203	1.2443	1.1363	.21141

#1	3918.8	42013.	5520.7	31.825	3809.2
#2	3908.1	42055.	5396.7	31.883	3818.2
#3	3920.4	41996.	5507.4	31.233	3825.3

Sample Name: K1802-01 Acquired: 3/8/2019 13:22:49 Type: Unk
Method: P4-ICP2(v2928) 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	.00051	-.00131	.02490	.00139	-.00639	.07069	.38423	.00009
Stddev	.00180	.00265	.00162	.00433	.00182	.01471	.00282	.00006
%RSD	353.26	201.51	6.5176	311.93	28.404	20.815	.73365	74.612
#1	-.00156	.00144	.02672	-.00062	-.00431	.08031	.38746	.00007
#2	.00161	-.00155	.02437	.00635	-.00764	.05375	.38228	.00003
#3	.00148	-.00384	.02360	-.00157	-.00722	.07800	.38295	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	579.93	-.00035	-.00064	.00151	-.01034	.00139	124.41
Stddev	.00011	.63	.00010	.00021	.00008	.00120	.00006	.80
%RSD	13.439	.10852	28.259	32.585	5.2598	11.630	4.6106	.64550
#1	-.00087	580.10	-.00024	-.00060	.00149	-.01053	.00146	125.13
#2	-.00073	580.46	-.00042	-.00045	.00144	-.00906	.00138	124.57
#3	-.00096	579.23	-.00040	-.00086	.00159	-.01144	.00133	123.55
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00328	F 2401.3	.00515	.04287	41.892	.05831	.35123
Stddev	.00068	.00069	41.3	.00062	.00014	.354	.00045	.00212
%RSD	779.69	20.952	1.7178	12.084	.31689	.84463	.76706	.60234
#1	.00079	-.00405	2438.8	.00444	.04302	41.620	.05784	.35260
#2	-.00056	-.00307	2408.0	.00543	.04276	41.766	.05874	.34879
#3	.00003	-.00273	2357.2	.00559	.04283	42.292	.05834	.35230
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 196.76	F 14.346	-.07278	-.03148	.19062	.0016	3.9784	7.6933
Stddev	.57	.107	.00165	.00101	.01448	.0011	.0051	.1532
%RSD	.29168	.74238	2.2682	3.2071	7.5949	70.84	.12895	1.9915
#1	196.17	14.466	-.07106	-.03228	.17434	.0003	3.9731	7.5836
#2	196.78	14.310	-.07293	-.03182	.19548	.0024	3.9788	7.6280
#3	197.32	14.262	-.07435	-.03035	.20204	.0020	3.9833	7.8683

Sample Name: K1802-01 Acquired: 3/8/2019 13:22:49 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	36.496
Stddev	2.272
%RSD	6.2247

#1	34.074
#2	38.580
#3	36.835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.6	33056.	5202.9	28.904	2740.5
Stddev	11.5	11.	35.0	.493	8.3
%RSD	.35407	.03392	.67185	1.7063	.30385

#1	3263.0	33062.	5163.2	29.410	2748.4
#2	3263.4	33062.	5216.4	28.425	2741.3
#3	3243.3	33043.	5229.1	28.878	2731.8

Sample Name: K1802-01DUP Acquired: 3/8/2019 13:27:21 Type: Unk
Method: P4-ICP2(v2928) 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	-.00261	-.00233	.02433	.00031	-.00255	.10529	.37626	.00007
Stddev	.00416	.00186	.00207	.00177	.00380	.01614	.00384	.00001
%RSD	159.70	79.840	8.4933	576.67	148.86	15.332	1.0211	18.261
#1	-.00332	-.00315	.02536	-.00162	-.00498	.10831	.37690	.00006
#2	-.00637	-.00020	.02195	.00186	.00183	.11971	.37974	.00009
#3	.00187	-.00364	.02567	.00068	-.00450	.08785	.37213	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	570.84	-.00043	-.00030	.00139	-.01004	.00140	122.70
Stddev	.00004	7.64	.00057	.00030	.00075	.00038	.00014	.80
%RSD	5.3688	1.3389	132.39	97.602	54.175	3.7732	10.190	.65090
#1	-.00071	563.61	.00021	.00003	.00138	-.00968	.00129	122.43
#2	-.00079	578.84	-.00087	-.00043	.00064	-.01043	.00134	123.60
#3	-.00075	570.07	-.00061	-.00052	.00215	-.01001	.00156	122.08
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00292	F 2171.4	.00526	.04324	42.984	.05859	.35427
Stddev	.00053	.00017	51.5	.00051	.00021	.730	.00008	.01356
%RSD	142.53	5.7267	2.3734	9.7558	.48752	1.6987	.13888	3.8290
#1	-.00064	-.00301	2142.2	.00494	.04346	42.216	.05854	.33963
#2	-.00072	-.00302	2230.9	.00499	.04304	43.670	.05869	.35676
#3	.00024	-.00273	2141.1	.00586	.04322	43.067	.05855	.36642
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 199.20	F 13.918	-.07250	-.03318	.19309	.0039	3.9246	7.9288
Stddev	.31	.216	.00176	.00176	.00663	.0012	.0530	.0709
%RSD	.15499	1.5523	2.4247	5.3141	3.4330	32.11	1.3506	.89381
#1	199.51	13.731	-.07420	-.03361	.18559	.0030	3.8771	7.9116
#2	199.19	14.154	-.07069	-.03469	.19553	.0053	3.9818	8.0067
#3	198.89	13.868	-.07260	-.03124	.19816	.0033	3.9150	7.8681

Sample Name: K1802-01DUP Acquired: 3/8/2019 13:27:21 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	35.770
Stddev	1.672
%RSD	4.6750

#1	35.457
#2	37.577
#3	34.277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.0	32850.	5364.3	28.998	2721.1
Stddev	22.7	82.	80.9	.964	5.2
%RSD	.70474	.24923	1.5083	3.3240	.19004

#1	3228.6	32926.	5440.3	29.851	2715.5
#2	3200.7	32763.	5279.2	29.191	2721.9
#3	3245.8	32862.	5373.4	27.952	2725.8

Sample Name: CCV02 Acquired: 3/8/2019 13:31:53 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4371	5.2744	5.2655	5.4087	F 5.5235	10.717	9.8276
Stddev	.0135	.0193	.0181	.0077	.0207	.059	.0510
%RSD	.24798	.36600	.34374	.14281	.37393	.54715	.51943

#1	5.4314	5.2529	5.2537	5.4156	5.5412	10.678	9.8603
#2	5.4525	5.2799	5.2564	5.4103	5.5285	10.785	9.7688
#3	5.4274	5.2903	5.2863	5.4004	5.5008	10.690	9.8537

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26977	2.6380	25.400	1.0697	2.7193	1.3111	4.8964
Stddev	.00035	.0074	.074	.0056	.0096	.0039	.0271
%RSD	.12848	.28075	.29119	.51887	.35212	.29896	.55365

#1	.26947	2.6306	25.478	1.0668	2.7099	1.3124	4.9272
#2	.26968	2.6380	25.331	1.0761	2.7192	1.3143	4.8854
#3	.27015	2.6454	25.391	1.0663	2.7290	1.3067	4.8764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7005	24.625	2.5664	1.2587	25.091	2.4692	2.6655
Stddev	.0004	.182	.0074	.0075	.114	.0041	.0051
%RSD	.01544	.73750	.28759	.59750	.45582	.16622	.19009

#1	2.7009	24.817	2.5586	1.2570	25.168	2.4718	2.6605
#2	2.7006	24.602	2.5673	1.2669	25.144	2.4645	2.6654
#3	2.7001	24.456	2.5732	1.2521	24.959	2.4713	2.6706

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.822	5.0302	4.7749	5.3168	4.5542	4.9776	5.0843
Stddev	.202	.0096	.0031	.0301	.0112	.0208	.0172
%RSD	.84606	.19129	.06446	.56569	.24646	.41740	.33783

#1	24.054	5.0368	4.7782	5.3148	4.5555	4.9541	5.0829
#2	23.686	5.0346	4.7720	5.2878	4.5425	4.9853	5.0679
#3	23.726	5.0191	4.7747	5.3479	4.5648	4.9934	5.1021

Sample Name: CCV02 Acquired: 3/8/2019 13:31:53 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9854	5.217	5.3141	4.8484	F<.00000
Stddev	.0173	.032	.0205	.0852	1.7295
%RSD	.34625	.6214	.38604	1.7571	357.45
#1	5.0053	5.207	5.3314	4.7910	-2.0807
#2	4.9749	5.191	5.2914	4.9463	-.72394
#3	4.9759	5.254	5.3194	4.8080	1.3531
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3908.9	41446.	5662.2	30.258	3558.7
Stddev	8.7	74.	22.2	2.417	11.2
%RSD	.22147	.17793	.39184	7.9867	.31473
#1	3908.4	41518.	5643.7	32.114	3571.3
#2	3900.5	41371.	5686.8	31.133	3555.0
#3	3917.7	41449.	5656.2	27.525	3549.8

Sample Name: CCB02 Acquired: 3/8/2019 13:35:53 Type: Unk
Method: P4-ICP2(v2928) 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	.00010	.00183	-.00194	.00134	-.00050	-.01889	-.03348
Stddev	.00113	.00038	.00057	.00364	.00296	.00354	.00515
%RSD	1119.7	20.909	29.168	270.56	595.24	18.749	15.373

#1	-.00074	.00163	-.00133	.00554	-.00336	-.02024	-.03940
#2	-.00033	.00227	-.00244	-.00087	-.00069	-.01487	-.03088
#3	.00138	.00159	-.00204	-.00064	.00256	-.02155	-.03015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00008	-.01062	.00030	.00010	-.00040	-.00572
Stddev	.00003	.00012	.01076	.00043	.00011	.00038	.00092
%RSD	124.11	151.73	101.24	144.81	102.80	96.070	16.087

#1	.00003	.00010	-.01469	.00079	.00022	-.00062	-.00560
#2	-.00001	.00019	-.01875	-.00002	.00009	.00004	-.00670
#3	.00006	-.00005	.00157	.00013	.00000	-.00061	-.00487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.09360	-.00006	.00069	F 1.3541	.00042	-.00040
Stddev	.00003	.03842	.00053	.00009	.0410	.00038	.00013
%RSD	348.06	41.042	828.81	13.432	3.0296	89.467	33.430

#1	.00002	-.11316	.00033	.00069	1.3986	.00075	-.00036
#2	.00004	-.11830	.00014	.00079	1.3460	.00001	-.00055
#3	-.00003	-.04934	-.00066	.00060	1.3177	.00050	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26976	-.00010	.00943	-.00067	.00189	-.00055	-.00272
Stddev	.00946	.00040	.01139	.00233	.00133	.00046	.00101
%RSD	3.5060	384.73	120.76	349.19	70.741	84.437	37.185

#1	.28055	.00007	.02247	-.00293	.00252	-.00015	-.00201
#2	.26584	-.00056	.00441	.00173	.00035	-.00106	-.00387
#3	.26290	.00018	.00141	-.00079	.00279	-.00044	-.00227

Sample Name: CCB02 Acquired: 3/8/2019 13:35:53 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01939	-.0052	.00004	F 3.8969	F<.00000
Stddev	.00156	.0002	.00005	.0322	.79985
%RSD	8.0293	3.990	123.58	.82554	58.084

#1	.01889	-.0051	.00007	3.8662	-1.1451
#2	.01814	-.0055	-.00002	3.8942	-2.2673
#3	.02113	-.0051	.00007	3.9303	-.71883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.6	43218.	5726.9	32.097	3918.0
Stddev	8.4	77.	84.5	.559	10.7
%RSD	.20873	.17911	1.4752	1.7411	.27241

#1	4038.8	43137.	5634.9	31.525	3906.3
#2	4034.9	43223.	5744.8	32.642	3920.5
#3	4051.1	43292.	5801.0	32.125	3927.2

Sample Name: K1802-01LX5 Acquired: 3/8/2019 13:40:21 Type: Unk
Method: P4-ICP2(v2928) 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	.00041	-.00136	.00621	-.00093	-.00529	.05278	.04764	.00006
Stddev	.00114	.00128	.00218	.00287	.00180	.02210	.00221	.00006
%RSD	278.68	93.807	35.125	306.94	34.048	41.872	4.6394	89.556
#1	-.00004	-.00005	.00854	-.00027	-.00362	.07140	.04590	-.00000
#2	-.00044	-.00142	.00421	.00154	-.00720	.05860	.04690	.00010
#3	.00171	-.00260	.00589	-.00407	-.00504	.02836	.05013	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	114.92	-.00038	-.00023	-.00027	-.00556	.00023	24.610
Stddev	.00014	1.01	.00031	.00017	.00024	.00078	.00003	.059
%RSD	31.444	.88139	81.400	73.492	87.462	14.100	13.344	.23940
#1	-.00037	114.94	-.00036	-.00021	-.00050	-.00587	.00021	24.593
#2	-.00059	113.89	-.00070	-.00040	-.00003	-.00614	.00026	24.561
#3	-.00034	115.92	-.00008	-.00007	-.00028	-.00467	.00020	24.675
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00012	569.29	.00179	.00744	7.3909	.01181	.06752
Stddev	.00033	.00049	3.79	.00016	.00022	.0064	.00004	.00615
%RSD	21.997	403.04	.66651	8.9238	3.0035	.08661	.34947	9.1013
#1	-.00186	-.00022	573.17	.00195	.00723	7.3908	.01176	.07156
#2	-.00119	-.00056	569.10	.00177	.00768	7.3846	.01184	.07056
#3	-.00148	.00041	565.59	.00164	.00743	7.3974	.01182	.06045
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.841	2.9270	-.01304	-.00765	.05967	-.0068	.77119	6.1888
Stddev	.370	.0249	.00128	.00162	.00177	.0015	.00858	.0571
%RSD	1.0331	.85179	9.7886	21.235	2.9704	22.15	1.1127	.92288
#1	35.496	2.9291	-.01413	-.00829	.05853	-.0086	.77394	6.2414
#2	35.796	2.9011	-.01164	-.00885	.05877	-.0061	.76157	6.1970
#3	36.232	2.9508	-.01336	-.00580	.06171	-.0058	.77806	6.1281

Sample Name: K1802-01LX5 Acquired: 3/8/2019 13:40:21 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.695
Stddev	1.708
%RSD	10.231

#1	18.491
#2	15.092
#3	16.501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.9	37613.	5476.0	31.134	3254.4
Stddev	.8	127.	43.9	.970	2.6
%RSD	.02214	.33878	.80145	3.1148	.07965

#1	3652.6	37615.	5452.5	30.280	3253.9
#2	3651.0	37740.	5526.6	30.934	3257.2
#3	3652.2	37485.	5448.9	32.189	3252.1

Sample Name: K1802-01MS Acquired: 3/8/2019 13:44:55 Type: Unk
Method: P4-ICP2(v2928) 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	1.0612	2.1920	1.1888	2.6204	1.1517	2.9603	.56915	.28448
Stddev	.0092	.0061	.0046	.0046	.0093	.0384	.00745	.00082
%RSD	.86876	.27749	.38277	.17475	.80639	1.2967	1.3089	.28894
#1	1.0530	2.1946	1.1929	2.6190	1.1410	2.9926	.57423	.28536
#2	1.0712	2.1963	1.1897	2.6255	1.1574	2.9704	.57262	.28373
#3	1.0593	2.1851	1.1839	2.6167	1.1568	2.9179	.56060	.28434
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23951	535.15	.48063	.24914	.34040	2.8100	.24254	115.89
Stddev	.00044	2.08	.00077	.00051	.00135	.0166	.00085	.20
%RSD	.18212	.38829	.16099	.20593	.39582	.58938	.34848	.17490
#1	.23989	536.87	.48066	.24967	.34038	2.8173	.24219	115.67
#2	.23903	535.75	.48138	.24912	.34176	2.8217	.24351	115.93
#3	.23960	532.84	.47983	.24865	.33907	2.7911	.24193	116.06
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58207	.09278	F 2123.1	.35094	.36635	51.084	.52667	.62766
Stddev	.00133	.00076	74.6	.00086	.00015	.157	.00323	.00335
%RSD	.22768	.82294	3.5121	.24377	.04039	.30643	.61306	.53363
#1	.58360	.09192	2189.0	.35146	.36649	50.922	.52796	.62630
#2	.58134	.09304	2138.2	.35140	.36637	51.097	.52905	.63148
#3	.58126	.09338	2042.2	.34995	.36619	51.234	.52299	.62522
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 182.54	F 14.062	.79546	.20967	.43579	8.436	3.8862	7.9617
Stddev	.27	.111	.00328	.00504	.00905	.015	.0163	.0124
%RSD	.15041	.79107	.41268	2.4040	2.0763	.1736	.41825	.15558
#1	182.81	14.117	.79825	.21526	.42534	8.450	3.9028	7.9689
#2	182.55	14.135	.79629	.20546	.44087	8.437	3.8855	7.9474
#3	182.26	13.934	.79184	.20829	.44115	8.420	3.8703	7.9688

Sample Name: K1802-01MS Acquired: 3/8/2019 13:44:55 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.171
Stddev	1.826
%RSD	11.294

#1	15.548
#2	14.738
#3	18.228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.6	33359.	5316.4	29.243	2763.8
Stddev	14.9	121.	26.2	1.443	4.3
%RSD	.45547	.36301	.49266	4.9355	.15402

#1	3280.0	33481.	5314.5	29.038	2759.5
#2	3264.5	33357.	5291.2	30.778	2764.0
#3	3294.4	33239.	5343.5	27.914	2768.0

Sample Name: K1802-01MSD Acquired: 3/8/2019 13:49:07 Type: Unk
Method: P4-ICP2(v2928) 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	1.0729	2.2258	1.2001	2.6287	1.1561	3.0189	.57516	.28664
Stddev	.0042	.0023	.0060	.0029	.0050	.0545	.00513	.00064
%RSD	.38708	.10154	.49720	.11070	.43512	1.8056	.89131	.22176
#1	1.0681	2.2283	1.2069	2.6256	1.1503	3.0269	.57201	.28727
#2	1.0753	2.2253	1.1966	2.6313	1.1587	2.9609	.58107	.28666
#3	1.0753	2.2239	1.1966	2.6291	1.1593	3.0690	.57239	.28600
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24191	534.36	.48512	.25226	.34280	2.8256	.24461	116.01
Stddev	.00061	2.65	.00255	.00075	.00014	.0143	.00056	.52
%RSD	.25267	.49593	.52593	.29580	.04206	.50702	.22806	.45115
#1	.24259	537.21	.48741	.25302	.34270	2.8420	.24523	116.08
#2	.24140	533.90	.48237	.25152	.34274	2.8156	.24416	115.45
#3	.24174	531.96	.48558	.25223	.34297	2.8191	.24443	116.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58781	.09367	F 2051.1	.35645	.36565	52.007	.52699	.63739
Stddev	.00027	.00061	44.9	.00141	.00096	.282	.00096	.01775
%RSD	.04529	.65365	2.1892	.39462	.26138	.54129	.18286	2.7842
#1	.58751	.09433	2100.6	.35799	.36635	52.315	.52661	.62859
#2	.58803	.09313	2013.0	.35524	.36603	51.943	.52809	.62576
#3	.58790	.09356	2039.8	.35611	.36456	51.763	.52628	.65781
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 183.97	F 14.096	.79836	.20767	.43154	8.518	3.8831	8.0569
Stddev	.58	.058	.00222	.00247	.00383	.011	.0240	.2524
%RSD	.31620	.41094	.27756	1.1905	.88733	.1333	.61822	3.1324
#1	184.51	14.122	.80055	.20544	.43037	8.525	3.9063	8.2353
#2	183.35	14.135	.79842	.20725	.42843	8.523	3.8847	7.7681
#3	184.04	14.029	.79612	.21033	.43582	8.505	3.8584	8.1672

Sample Name: K1802-01MSD Acquired: 3/8/2019 13:49:07 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.778
Stddev	2.933
%RSD	17.479

#1	15.879
#2	14.400
#3	20.055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.5	33172.	5302.0	30.105	2750.3
Stddev	3.3	253.	30.0	.618	5.6
%RSD	.09974	.76174	.56586	2.0532	.20220

#1	3274.2	32937.	5271.2	29.395	2743.9
#2	3268.7	33439.	5303.8	30.525	2752.8
#3	3268.5	33140.	5331.1	30.395	2754.1

Sample Name: K1802-01A Acquired: 3/8/2019 13:53:18 Type: Unk
Method: P4-ICP2(v2928) 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	1.0828	2.2204	1.2011	2.6675	1.1670	3.0045	.57767	.28771
Stddev	.0076	.0043	.0032	.0223	.0059	.0174	.00043	.00080
%RSD	.70436	.19387	.26711	.83559	.50328	.57883	.07522	.27730
#1	1.0909	2.2174	1.1992	2.6906	1.1720	2.9847	.57814	.28683
#2	1.0758	2.2184	1.2048	2.6462	1.1605	3.0118	.57729	.28794
#3	1.0818	2.2253	1.1992	2.6657	1.1686	3.0171	.57759	.28837
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24263	537.27	.48600	.25321	.34671	2.8187	.24483	116.80
Stddev	.00061	2.48	.00252	.00149	.00098	.0193	.00063	.46
%RSD	.25205	.46101	.51814	.58705	.28151	.68512	.25776	.39481
#1	.24292	537.32	.48532	.25150	.34778	2.8210	.24411	116.27
#2	.24304	539.72	.48879	.25421	.34588	2.8368	.24532	117.07
#3	.24193	534.77	.48389	.25391	.34646	2.7984	.24505	117.07
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59064	.09426	F 1981.6	.35434	.36613	52.276	.53445	.63446
Stddev	.00105	.00231	40.6	.00083	.00058	.333	.00186	.01459
%RSD	.17829	2.4511	2.0512	.23516	.15881	.63627	.34821	2.3000
#1	.58948	.09549	2019.0	.35354	.36588	52.179	.53635	.62069
#2	.59152	.09570	1987.5	.35428	.36572	52.646	.53263	.64976
#3	.59093	.09160	1938.3	.35520	.36680	52.003	.53438	.63293
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 183.50	F 14.109	.80491	.20822	.42417	8.553	3.9053	7.9174
Stddev	.42	.056	.00087	.00447	.00187	.000	.0194	.1239
%RSD	.23111	.39343	.10797	2.1447	.44049	.0045	.49585	1.5649
#1	183.81	14.061	.80429	.20458	.42203	8.553	3.9044	7.8119
#2	183.02	14.170	.80453	.21321	.42507	8.553	3.9251	8.0538
#3	183.66	14.096	.80590	.20688	.42543	8.553	3.8864	7.8865

Sample Name: K1802-01A Acquired: 3/8/2019 13:53:18 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.195
Stddev	1.470
%RSD	9.6739

#1	16.892
#2	14.387
#3	14.307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.5	33137.	5294.8	28.948	2752.4
Stddev	26.0	218.	30.0	2.087	8.4
%RSD	.80107	.65769	.56702	7.2090	.30468

#1	3231.3	33152.	5297.7	28.406	2748.9
#2	3280.1	32912.	5263.4	27.185	2762.0
#3	3240.1	33347.	5323.3	31.252	2746.4

Sample Name: K1798-01 Acquired: 3/8/2019 13:57:28 Type: Unk
Method: P4-ICP2(v2928) 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	-.00220	-.00168	.32076	.00519	.00542	1.1285	.01743	.00011
Stddev	.00413	.00064	.00230	.00098	.00095	.0131	.00143	.00013
%RSD	187.65	37.874	.71728	18.906	17.451	1.1579	8.2303	120.87

#1	-.00689	-.00097	.32130	.00591	.00437	1.1359	.01900	.00016
#2	.00090	-.00219	.32274	.00558	.00570	1.1361	.01710	-.00004
#3	-.00062	-.00188	.31823	.00407	.00620	1.1134	.01619	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	32.136	.01227	.00111	.91137	1.9482	.50882	8.3871
Stddev	.00009	.050	.00015	.00022	.00097	.0133	.00080	.0965
%RSD	13.271	.15632	1.2196	19.744	.10592	.68438	.15680	1.1505

#1	.00062	32.131	.01216	.00135	.91178	1.9636	.50790	8.4974
#2	.00076	32.189	.01244	.00094	.91206	1.9415	.50916	8.3455
#3	.00060	32.089	.01221	.00102	.91026	1.9395	.50938	8.3184

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00988	.00139	136.71	.00083	1.2097	33.313	.00048	.05047
Stddev	.00021	.00051	.82	.00014	.0035	.137	.00018	.00025
%RSD	2.1416	36.381	.59860	16.251	.28864	.41012	37.159	.50167

#1	.00998	.00166	136.73	.00093	1.2132	33.470	.00060	.05076
#2	.00964	.00171	135.89	.00089	1.2062	33.220	.00056	.05029
#3	.01003	.00081	137.52	.00068	1.2097	33.250	.00027	.05037

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4824	9.9296	.01851	.01521	-.02065	4.167	.13993	4.6844
Stddev	.0199	.0727	.00055	.00063	.00253	.012	.00020	.1289
%RSD	.23485	.73162	2.9530	4.1387	12.234	.2777	.13957	2.7517

#1	8.4767	9.9767	.01860	.01562	-.01816	4.153	.13970	4.8326
#2	8.4660	9.8459	.01792	.01553	-.02321	4.171	.14005	4.5979
#3	8.5046	9.9661	.01900	.01449	-.02058	4.175	.14003	4.6228

Sample Name: K1798-01 Acquired: 3/8/2019 13:57:28 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .40542
Stddev .63682
%RSD 157.07

#1 .85283
#2 -.32366
#3 .68709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.2	41456.	5808.9	30.936	3609.8
Stddev	3.3	109.	17.9	.227	9.9
%RSD	.08337	.26294	.30789	.73394	.27527

#1	3926.9	41331.	5798.4	30.758	3602.6
#2	3921.3	41502.	5829.5	30.859	3621.2
#3	3921.3	41534.	5798.7	31.192	3605.7

Sample Name: K1799-01 Acquired: 3/8/2019 14:01:43 Type: Unk
Method: P4-ICP2(v2928) 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	-.00117	-.00324	.00979	.00460	-.00433	.56975	2.3753	.00005
Stddev	.00080	.00015	.00005	.00155	.00173	.00678	.0111	.00003
%RSD	68.244	4.6107	.53119	33.640	39.938	1.1898	.46726	54.539
#1	-.00025	-.00308	.00984	.00591	-.00590	.56343	2.3867	.00002
#2	-.00172	-.00337	.00974	.00500	-.00248	.56891	2.3645	.00007
#3	-.00153	-.00328	.00979	.00289	-.00461	.57691	2.3747	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	50.278	.00244	.00011	.29408	.09953	.01476	12.715
Stddev	.00010	.253	.00054	.00024	.00130	.00223	.00014	.077
%RSD	153.83	.50228	22.237	212.62	.44054	2.2365	.97168	.60550
#1	.00009	50.569	.00219	.00022	.29486	.10209	.01491	12.779
#2	.00014	50.110	.00306	.00028	.29258	.09831	.01472	12.630
#3	-.00004	50.157	.00206	-.00016	.29480	.09817	.01463	12.737
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.00021	112.45	.00077	1.3975	12.605	.00051	.60776
Stddev	.00031	.00029	.24	.00087	.0117	.041	.00011	.01957
%RSD	9.6722	135.73	.21591	112.93	.83607	.32625	22.479	3.2197
#1	.00344	-.00006	112.72	.00101	1.4082	12.642	.00038	.58700
#2	.00324	.00051	112.27	-.00020	1.3993	12.614	.00053	.61040
#3	.00284	.00018	112.35	.00149	1.3850	12.561	.00060	.62587
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.433	6.3981	-.00479	.00170	-.02118	1.607	.26602	4.7270
Stddev	.050	.0535	.00087	.00158	.00274	.009	.00112	.1045
%RSD	.34676	.83597	18.147	93.159	12.935	.5794	.42158	2.2100
#1	14.445	6.4237	-.00379	.00232	-.02236	1.616	.26720	4.6817
#2	14.477	6.4340	-.00523	.00288	-.01805	1.598	.26587	4.6529
#3	14.379	6.3367	-.00535	-.00010	-.02314	1.608	.26497	4.8465

Sample Name: K1799-01 Acquired: 3/8/2019 14:01:43 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.9699
Stddev 1.2604
%RSD 12.642

#1 10.611
#2 10.781
#3 8.5179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3916.7	41347.	5792.0	30.812	3625.1
Stddev	11.4	70.	52.9	1.851	21.9
%RSD	.29203	.16950	.91358	6.0079	.60396

#1	3903.6	41266.	5733.1	30.643	3607.6
#2	3921.6	41388.	5807.3	29.051	3618.1
#3	3924.9	41386.	5835.5	32.742	3649.7

Sample Name: PB117727BL Acquired: 3/8/2019 14:06:01 Type: Unk
Method: P4-ICP2(v2928) 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	.00005	-.00001	-.00284	-.00007	-.00104	-.01490	-.03462
Stddev	.00053	.00095	.00048	.00140	.00213	.00671	.00176
%RSD	1017.2	9890.9	16.757	2156.0	205.37	45.012	5.0944

#1	-.00038	.00016	-.00234	-.00143	-.00271	-.01581	-.03583
#2	.00064	.00085	-.00329	.00137	-.00176	-.02111	-.03544
#3	-.00010	-.00103	-.00288	-.00014	.00136	-.00779	-.03260

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00004	.00283	.00016	.00001	-.00063	-.00439
Stddev	.00006	.00009	.00564	.00029	.00013	.00002	.00149
%RSD	1704.0	245.59	199.60	177.21	889.60	3.5294	33.891

#1	-.00008	.00001	-.00353	.00038	.00017	-.00062	-.00517
#2	.00004	-.00003	.00477	-.00016	-.00007	-.00063	-.00533
#3	.00002	.00014	.00724	.00027	-.00005	-.00066	-.00268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.07708	.00046	.00062	F 2.4707	-.00025	-.00052
Stddev	.00004	.06511	.00060	.00029	.1793	.00031	.00015
%RSD	72.306	84.477	131.29	45.695	7.2566	124.69	28.294

#1	.00001	-.09527	.00084	.00035	2.6698	-.00006	-.00046
#2	.00006	-.13116	.00076	.00092	2.4203	-.00008	-.00042
#3	.00008	-.00480	-.00023	.00060	2.3220	-.00061	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48847	-.00038	.00724	F .05400	.00131	-.00319	.00149
Stddev	.04423	.00022	.00439	.01258	.00178	.00102	.00240
%RSD	9.0551	58.509	60.540	23.298	135.88	31.879	161.65

#1	.52101	-.00017	.00497	.06613	-.00055	-.00214	-.00012
#2	.43811	-.00060	.00446	.04101	.00300	-.00417	.00425
#3	.50630	-.00036	.01230	.05488	.00147	-.00324	.00033

Sample Name: PB117727BL Acquired: 3/8/2019 14:06:01 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01556	-.0043	.00000	F 4.1999	F<.00000
Stddev	.00151	.0004	.00010	.1663	.51810
%RSD	9.7209	8.944	8846.7	3.9594	39.913

#1	.01715	-.0039	.00011	4.2188	-.77396
#2	.01414	-.0046	-.00006	4.3560	-1.8099
#3	.01538	-.0044	-.00004	4.0250	-1.3103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.1	42765.	5630.3	30.611	3899.8
Stddev	12.1	210.	62.0	.568	18.3
%RSD	.30128	.49108	1.1014	1.8552	.46914

#1	4002.5	42746.	5563.8	29.958	3880.5
#2	4019.8	42566.	5686.5	30.992	3916.8
#3	4025.9	42984.	5640.7	30.883	3902.1

Sample Name: PB117756BS Acquired: 3/8/2019 14:10:27 Type: Unk
Method: P4-ICP2(v2928) 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	.88339	2.2268	1.0808	2.2036	.93167	2.1941	.17993
Stddev	.00561	.0171	.0093	.0152	.00615	.0302	.00464
%RSD	.63554	.76877	.85839	.69145	.66052	1.3751	2.5784

#1	.88184	2.2092	1.0720	2.1928	.92477	2.1604	.17746
#2	.87872	2.2278	1.0798	2.1969	.93369	2.2033	.18528
#3	.88962	2.2434	1.0905	2.2210	.93657	2.2187	.17706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21875	.21416	1.1032	.46483	.23045	.34965	3.3137
Stddev	.00069	.00159	.0051	.00204	.00150	.00066	.0264
%RSD	.31377	.74283	.46096	.43878	.65249	.18923	.79763

#1	.21811	.21243	1.0974	.46254	.22876	.34889	3.3338
#2	.21947	.21450	1.1050	.46645	.23095	.34995	3.3236
#3	.21867	.21555	1.1070	.46550	.23164	.35011	3.2838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23534	2.0946	.54498	.07753	F 4.9145	.31789	.21627
Stddev	.00065	.0647	.00297	.00020	.0372	.00025	.00181
%RSD	.27571	3.0868	.54582	.25873	.75653	.07791	.83630

#1	.23469	2.0796	.54189	.07758	4.9554	.31771	.21438
#2	.23535	2.1654	.54522	.07770	4.9053	.31778	.21642
#3	.23599	2.0387	.54783	.07731	4.8827	.31817	.21799

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8757	.43432	.29692	F -.00226	.91827	.71329	.20903
Stddev	.0961	.00179	.00465	.00975	.00567	.00699	.00395
%RSD	.97333	.41245	1.5650	431.89	.61749	.97964	1.8918

#1	9.8160	.43287	.29308	-.00712	.92364	.70672	.20470
#2	9.9866	.43377	.30208	.00897	.91882	.71252	.20993
#3	9.8245	.43632	.29559	-.00862	.91234	.72063	.21245

Sample Name: PB117756BS Acquired: 3/8/2019 14:10:27 Type: Unk
 Method: P4-ICP2(v2928) 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	.20886	6.010	.22370	F 4.2486	F<.00000
Stddev	.00201	.052	.00157	.0708	1.1909
%RSD	.96285	.8681	.70238	1.6667	5.0223
#1	.20822	5.967	.22266	4.1669	-24.436
#2	.21111	5.995	.22551	4.2920	-22.337
#3	.20724	6.068	.22294	4.2869	-24.362
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4001.9	42774.	5663.4	32.780	3857.0
Stddev	7.9	281.	47.1	1.522	11.5
%RSD	.19863	.65763	.83169	4.6426	.29750
#1	3993.9	43088.	5620.7	34.500	3870.1
#2	4001.9	42687.	5655.6	31.607	3848.6
#3	4009.8	42546.	5713.9	32.233	3852.4

Sample Name: K1808-01 Acquired: 3/8/2019 14:14:33 Type: Unk
Method: P4-ICP2(v2928) 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	.02423	-.01159	.01319	.01147	-.00887	20.826	-.01789
Stddev	.00201	.00154	.00146	.00180	.00091	.063	.00321
%RSD	8.2919	13.252	11.091	15.729	10.304	.30202	17.933

#1	.02422	-.01133	.01261	.00959	-.00885	20.836	-.02143
#2	.02624	-.01325	.01211	.01164	-.00980	20.759	-.01518
#3	.02223	-.01021	.01486	.01318	-.00797	20.884	-.01705

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00329	.09750	.05362	.00531	.01453	77.807
Stddev	.00022	.00006	.01399	.00084	.00009	.00028	.303
%RSD	16.128	1.6858	14.345	1.5586	1.7233	1.9417	.38902

#1	.00110	-.00336	.09623	.05301	.00529	.01464	77.796
#2	.00142	-.00326	.11208	.05457	.00523	.01421	78.115
#3	.00150	-.00326	.08419	.05328	.00541	.01473	77.510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13260	.03938	-.00115	.00477	.58449	.07253	.04537
Stddev	.00105	.02792	.00019	.00039	.02312	.00089	.00024
%RSD	.78869	70.887	16.676	8.2744	3.9553	1.2287	.52216

#1	.13210	.00949	-.00101	.00499	.60077	.07163	.04512
#2	.13381	.06477	-.00137	.00431	.59468	.07342	.04559
#3	.13191	.04388	-.00108	.00499	.55803	.07253	.04539

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98097	.02050	-.01963	.43040	6.5679	.00020	.73876
Stddev	.01453	.00036	.00070	.01492	.0652	.00026	.00176
%RSD	1.4809	1.7645	3.5444	3.4662	.99257	128.38	.23793

#1	.99254	.02010	-.01951	.43728	6.5015	.00041	.73926
#2	.96467	.02081	-.02037	.44064	6.6318	-.00009	.73681
#3	.98571	.02057	-.01900	.41328	6.5706	.00027	.74021

Sample Name: K1808-01 Acquired: 3/8/2019 14:14:33 Type: Unk
Method: P4-ICP2(v2928) 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	-.01859	.2048	-.08227	3.2949	F<.00000
Stddev	.00154	.0018	.00028	.2003	3.1583
%RSD	8.3039	.8544	.33452	6.0791	1.1363
#1	-.01961	.2043	-.08211	3.3912	-276.21
#2	-.01935	.2034	-.08258	3.0647	-281.59
#3	-.01682	.2068	-.08211	3.4289	-276.03
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4169.8	44300.	5952.1	32.628	3833.1
Stddev	2.3	114.	18.4	.581	15.3
%RSD	.05557	.25731	.30870	1.7806	.39847
#1	4171.4	44219.	5935.1	33.000	3846.7
#2	4170.8	44430.	5949.6	32.925	3836.0
#3	4167.1	44250.	5971.6	31.958	3816.6

Sample Name: PB117727BS Acquired: 3/8/2019 14:34:53 Type: Unk
Method: P4-ICP2(v2928) 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	.80839	2.0527	.99042	2.0619	.84004	1.9529	F .16069
Stddev	.00329	.0085	.00510	.0024	.00460	.0577	.00102
%RSD	.40693	.41293	.51472	.11818	.54775	2.9564	.63658

#1	.81205	2.0474	.98575	2.0633	.83805	1.8865	.16043
#2	.80569	2.0483	.98965	2.0591	.84530	1.9811	.15983
#3	.80742	2.0625	.99586	2.0634	.83677	1.9911	.16182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20254	.19628	.99479	.41254	.20876	.31900	3.0064
Stddev	.00505	.00111	.02011	.00925	.00151	.00052	.0329
%RSD	2.4945	.56709	2.0217	2.2418	.72390	.16286	1.0936

#1	.19673	.19555	.97280	.40188	.20744	.31851	3.0061
#2	.20503	.19573	1.0123	.41846	.20843	.31955	3.0395
#3	.20587	.19756	.99932	.41727	.21041	.31895	2.9737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21217	1.9427	.49338	.07105	2.9909	.28217	.19828
Stddev	.00476	.0212	.00236	.00207	.0255	.00620	.00129
%RSD	2.2436	1.0933	.47743	2.9201	.85230	2.1982	.65178

#1	.20669	1.9346	.49092	.06867	2.9945	.27502	.19742
#2	.21450	1.9266	.49362	.07193	3.0144	.28551	.19766
#3	.21531	1.9667	.49561	.07253	2.9638	.28600	.19977

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7136	.38256	.26526	F -.01245	.89254	.64273	.18618
Stddev	.0534	.00048	.00073	.00632	.01511	.00284	.00120
%RSD	.61225	.12671	.27436	50.764	1.6929	.44131	.64303

#1	8.6846	.38290	.26493	-.00759	.90535	.63949	.18599
#2	8.7751	.38277	.26475	-.01017	.89640	.64396	.18747
#3	8.6809	.38200	.26609	-.01960	.87588	.64475	.18509

Sample Name: PB117727BS Acquired: 3/8/2019 14:34:53 Type: Unk
Method: P4-ICP2(v2928) 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	.18771	F 5.533	.20116	F 4.4152	F<.00000
Stddev	.00078	.035	.00132	.4031	.66676
%RSD	.41619	.6338	.65395	9.1297	3.0811
#1	.18700	5.515	.20007	3.9509	-21.892
#2	.18854	5.510	.20262	4.6193	-22.145
#3	.18760	5.573	.20080	4.6754	-20.885
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3932.6	42392.	5539.4	31.603	3799.7
Stddev	11.0	691.	65.2	.855	20.2
%RSD	.28032	1.6308	1.1776	2.7051	.53072
#1	3938.6	43179.	5497.9	32.400	3822.5
#2	3919.9	42112.	5505.7	30.700	3792.6
#3	3939.4	41885.	5614.6	31.708	3784.1

Sample Name: CCV03 Acquired: 3/8/2019 14:38:59 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4293	5.2773	5.2483	5.4218	F 5.5328	10.676	9.9074
Stddev	.0056	.0129	.0212	.0109	.0142	.096	.0957
%RSD	.10233	.24347	.40321	.20140	.25584	.89769	.96620

#1	5.4321	5.2875	5.2666	5.4343	5.5270	10.570	9.8574
#2	5.4230	5.2629	5.2251	5.4169	5.5225	10.701	10.018
#3	5.4330	5.2816	5.2531	5.4143	5.5489	10.757	9.8471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26970	2.6286	25.494	1.0693	2.7204	1.3697	4.9768
Stddev	.00136	.0077	.245	.0019	.0083	.0021	.0388
%RSD	.50430	.29219	.95957	.17947	.30534	.15645	.77879

#1	.26828	2.6337	25.215	1.0672	2.7275	1.3681	4.9782
#2	.26981	2.6197	25.594	1.0710	2.7113	1.3688	5.0148
#3	.27099	2.6323	25.673	1.0697	2.7224	1.3721	4.9373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6955	24.540	2.6892	1.2963	25.370	2.4634	2.7021
Stddev	.0079	.305	.0067	.0018	.273	.0092	.0105
%RSD	.29374	1.2426	.25102	.13660	1.0775	.37486	.38792

#1	2.6870	24.193	2.6917	1.2979	25.328	2.4625	2.7105
#2	2.6971	24.661	2.6815	1.2965	25.662	2.4546	2.6903
#3	2.7025	24.765	2.6943	1.2944	25.120	2.4730	2.7054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.486	5.0110	4.7230	5.2309	4.8250	4.9491	5.0198
Stddev	.200	.0109	.0158	.0197	.0121	.0193	.0326
%RSD	.81574	.21686	.33401	.37722	.25187	.38993	.65049

#1	24.404	5.0180	4.7214	5.2265	4.8111	4.9600	4.9827
#2	24.714	4.9985	4.7395	5.2524	4.8333	4.9268	5.0326
#3	24.341	5.0165	4.7081	5.2137	4.8306	4.9606	5.0441

Sample Name: CCV03 Acquired: 3/8/2019 14:38:59 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8149	5.228	5.2424	5.4606	F<.00000
Stddev	.0402	.017	.0454	.0846	.84741
%RSD	.83465	.3240	.86546	1.5491	760.28
#1	4.8002	5.224	5.2161	5.4638	-.41663
#2	4.8604	5.247	5.2948	5.5435	.84626
#3	4.7841	5.214	5.2164	5.3744	-.76402
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.9	40425.	5602.3	28.997	3501.0
Stddev	7.4	127.	37.8	1.000	14.0
%RSD	.19357	.31316	.67514	3.4480	.39917
#1	3827.9	40487.	5596.5	27.869	3491.5
#2	3838.2	40279.	5567.8	29.349	3517.0
#3	3823.8	40508.	5642.8	29.774	3494.4

Sample Name: CCB03 Acquired: 3/8/2019 14:42:58 Type: Unk
Method: P4-ICP2(v2928) 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	-.00042	.00153	-.00208	.00326	-.00112	-.00915	-.03515
Stddev	.00438	.00404	.00065	.00128	.00050	.01516	.00365
%RSD	1042.0	264.93	31.435	39.236	44.813	165.74	10.391

#1	-.00533	.00204	-.00140	.00474	-.00169	.00290	-.03891
#2	.00310	.00529	-.00271	.00255	-.00076	-.00417	-.03492
#3	.00097	-.00275	-.00213	.00250	-.00090	-.02617	-.03162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00005	.00415	-.00008	.00006	-.00037	-.00617
Stddev	.00006	.00007	.00366	.00031	.00003	.00009	.00138
%RSD	68.598	155.61	88.121	372.70	54.256	24.017	22.276

#1	-.00002	.00010	.00829	-.00021	.00007	-.00037	-.00724
#2	-.00011	-.00004	.00132	-.00032	.00002	-.00046	-.00666
#3	-.00014	.00008	.00285	.00027	.00009	-.00028	-.00462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02321	-.00029	.00076	.07002	-.00015	-.00049
Stddev	.00004	.03587	.00028	.00005	.00528	.00023	.00017
%RSD	169.35	154.53	96.146	6.3987	7.5413	158.33	35.336

#1	.00003	-.02341	-.00042	.00075	.07430	-.00002	-.00029
#2	-.00002	-.05898	.00003	.00082	.07165	-.00041	-.00055
#3	.00006	.01275	-.00047	.00073	.06412	-.00000	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08364	.00002	.00460	-.00836	-.00294	-.00096	-.00221
Stddev	.01281	.00035	.00553	.00187	.00194	.00120	.00060
%RSD	15.312	2273.0	120.16	22.334	66.095	124.36	27.180

#1	-.07120	-.00037	.00270	-.00866	-.00172	.00026	-.00240
#2	-.09679	.00010	.01083	-.01005	-.00191	-.00213	-.00154
#3	-.08293	.00032	.00027	-.00636	-.00517	-.00102	-.00269

Sample Name: CCB03 Acquired: 3/8/2019 14:42:58 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01580	-.0054	.00005	F 4.2075	F<.00000
Stddev	.00238	.0006	.00013	.1660	.69104
%RSD	15.073	10.90	272.17	3.9453	138.17
#1	-.01591	-.0051	-.00009	4.3505	-.13777
#2	-.01813	-.0060	.00007	4.2465	-.06563
#3	-.01337	-.0049	.00016	4.0254	-1.2970
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3966.4	42401.	5610.5	32.014	3853.6
Stddev	15.6	77.	54.4	2.329	17.4
%RSD	.39445	.18105	.96943	7.2739	.45252
#1	3948.6	42482.	5598.9	29.325	3836.8
#2	3972.9	42330.	5562.8	33.367	3852.6
#3	3977.8	42392.	5669.8	33.350	3871.6

Sample Name: PB117756BL Acquired: 3/8/2019 14:47:25 Type: Unk
Method: P4-ICP2(v2928) 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	-.00007	.00029	-.00218	-.00128	-.00143	-.01196	-.03485
Stddev	.00376	.00038	.00077	.00206	.00109	.01262	.00294
%RSD	5496.2	131.00	35.277	161.01	76.274	105.50	8.4395

#1	.00094	.00061	-.00213	.00070	-.00017	-.01316	-.03792
#2	.00308	-.00013	-.00298	-.00113	-.00199	.00121	-.03206
#3	-.00423	.00038	-.00144	-.00340	-.00212	-.02394	-.03455

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00004	-.01023	.00015	.00025	-.00039	-.00472
Stddev	.00010	.00003	.00157	.00021	.00027	.00068	.00053
%RSD	111.83	66.087	15.387	144.02	106.35	173.86	11.256

#1	-.00010	.00005	-.00846	-.00008	.00053	-.00037	-.00430
#2	.00002	.00001	-.01077	.00033	-.00000	.00028	-.00455
#3	-.00018	.00006	-.01147	.00019	.00023	-.00108	-.00532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.06535	.00020	.00065	-.02384	-.00024	-.00063
Stddev	.00006	.01215	.00023	.00013	.01005	.00017	.00004
%RSD	8116.6	18.595	112.73	19.687	42.174	72.991	6.5181

#1	.00004	-.07902	.00046	.00075	-.03012	-.00042	-.00063
#2	-.00007	-.06126	.00003	.00069	-.01224	-.00008	-.00068
#3	.00003	-.05577	.00012	.00051	-.02916	-.00021	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15837	-.00020	-.00174	F -.01587	-.00608	-.00206	-.00169
Stddev	.03018	.00024	.00672	.01929	.00072	.00040	.00242
%RSD	19.056	120.04	385.87	121.52	11.797	19.542	143.40

#1	-.18461	-.00026	-.00885	-.03715	-.00555	-.00194	-.00240
#2	-.16510	.00006	-.00089	.00046	-.00689	-.00173	-.00368
#3	-.12539	-.00040	.00451	-.01092	-.00579	-.00250	.00101

Sample Name: PB117756BL Acquired: 3/8/2019 14:47:25 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01627	-.0042	.00008	F 4.2463	F <.00000
Stddev	.00268	.0009	.00003	.0569	.80431
%RSD	16.469	21.83	30.875	1.3400	179.49
#1	-.01703	-.0052	.00006	4.1939	-.84370
#2	-.01330	-.0037	.00007	4.3068	.47738
#3	-.01849	-.0035	.00011	4.2381	-.97800
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3993.2	42322.	5606.6	31.386	3911.3
Stddev	5.2	71.	25.9	1.327	30.3
%RSD	.12922	.16703	.46224	4.2270	.77536
#1	3987.8	42339.	5589.0	29.892	3907.3
#2	3993.5	42244.	5594.4	31.842	3943.4
#3	3998.1	42382.	5636.4	32.425	3883.1

Sample Name: K1645-03 Acquired: 3/8/2019 14:56:21 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: Confirmation from Client

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03848	-.09486	.95940	-.11231	.04959	137.21	.89056
Stddev	.00275	.00174	.00255	.00445	.00519	.41	.00581
%RSD	7.1414	1.8300	.26626	3.9617	10.462	.30132	.65281

#1	.04103	-.09609	.96119	-.10731	.04830	137.28	.88915
#2	.03883	-.09561	.95647	-.11378	.04517	136.76	.88557
#3	.03557	-.09287	.96052	-.11584	.05531	137.58	.89694

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02508	-.00483	25.364	F 87.539	.70713	7.8906	448.10
Stddev	.00021	.00028	.154	.585	.00244	.0104	.27
%RSD	.83432	5.7952	.60714	.66827	.34475	.13172	.06041

#1	.02486	-.00510	25.236	88.091	.70847	7.9026	448.28
#2	.02511	-.00484	25.320	87.600	.70432	7.8857	448.23
#3	.02528	-.00454	25.535	86.926	.70861	7.8837	447.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.605	28.756	F 92.744	-.03076	12.481	.45106	2.1575
Stddev	.059	.143	.151	.00059	.065	.00084	.0049
%RSD	.50635	.49758	.16235	1.9297	.51696	.18566	.22612

#1	11.546	28.771	92.867	-.03131	12.543	.45194	2.1616
#2	11.604	28.606	92.576	-.03013	12.414	.45096	2.1521
#3	11.664	28.891	92.789	-.03084	12.487	.45027	2.1588

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5251	F 14.254	-.44291	2.4556	F 17.060	.47996	2.5366
Stddev	.0232	.023	.02107	.0364	.060	.00082	.0075
%RSD	.51246	.15916	4.7573	1.4819	.35045	.17136	.29612

#1	4.5474	14.280	-.44124	2.4975	17.123	.48033	2.5310
#2	4.5011	14.243	-.42273	2.4373	17.004	.47902	2.5336
#3	4.5268	14.238	-.46477	2.4320	17.053	.48053	2.5451

Sample Name: K1645-03 Acquired: 3/8/2019 14:56:21 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: Confirmation from Client

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08626	6.336	-.34045	.61986	F<.00000
Stddev	.00248	.027	.00058	.06798	5.8991
%RSD	2.8699	.4261	.16896	10.968	.20447
#1	.08484	6.365	-.34033	.57274	-2889.4
#2	.08912	6.312	-.34107	.69779	-2878.4
#3	.08483	6.329	-.33994	.58904	-2887.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.7	44547.	6399.8	25.490	3059.6
Stddev	1.3	82.	7.7	2.694	6.0
%RSD	.03421	.18310	.11962	10.567	.19523
#1	3935.6	44474.	6393.7	22.557	3057.3
#2	3937.1	44635.	6408.4	26.061	3066.3
#3	3934.4	44533.	6397.3	27.852	3055.0

Sample Name: PB117709BS Acquired: 3/8/2019 15:01:01 Type: Unk
Method: P4-ICP2(v2928) 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	.81277	2.0438	.98702	2.0740	.84616	1.9963	F .15946
Stddev	.00501	.0056	.00210	.0143	.00930	.0384	.00066
%RSD	.61653	.27188	.21260	.68796	1.0990	1.9260	.41351

#1	.80711	2.0449	.98789	2.0592	.83586	1.9844	.15890
#2	.81665	2.0488	.98854	2.0750	.84866	1.9653	.16019
#3	.81454	2.0378	.98462	2.0877	.85395	2.0393	.15930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20716	.19661	.99462	.42182	.20857	.32206	3.0033
Stddev	.00055	.00019	.02579	.00030	.00014	.00131	.0214
%RSD	.26466	.09902	2.5930	.07113	.06578	.40823	.71137

#1	.20759	.19643	1.0238	.42148	.20873	.32068	3.0156
#2	.20735	.19682	.97476	.42195	.20851	.32219	3.0157
#3	.20654	.19659	.98532	.42204	.20848	.32330	2.9787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21657	1.8485	.49419	.07156	2.5952	.28880	.19862
Stddev	.00025	.0230	.00068	.00101	.0243	.00101	.00008
%RSD	.11547	1.2453	.13786	1.4049	.93578	.35082	.03784

#1	.21677	1.8694	.49445	.07098	2.6071	.28766	.19861
#2	.21666	1.8523	.49342	.07272	2.6112	.28915	.19870
#3	.21629	1.8238	.49471	.07097	2.5672	.28959	.19855

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6049	.38471	.26630	F -.00497	.89296	.63914	.18770
Stddev	.0243	.00230	.01254	.01546	.00895	.00249	.00285
%RSD	.28193	.59863	4.7096	311.20	1.0026	.38975	1.5202

#1	8.6309	.38213	.27176	-.01710	.90219	.64013	.18655
#2	8.5829	.38543	.25196	.01243	.89237	.64098	.18560
#3	8.6009	.38657	.27519	-.01024	.88431	.63631	.19094

Sample Name: PB117709BS Acquired: 3/8/2019 15:01:01 Type: Unk
Method: P4-ICP2(v2928) 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	.17900	F 5.534	.20098	F 4.5962	F<.00000
Stddev	.00405	.002	.00046	.1135	1.2008
%RSD	2.2617	.0328	.22721	2.4695	5.9264
#1	.17492	5.536	.20059	4.4655	-18.894
#2	.17908	5.532	.20086	4.6530	-20.752
#3	.18302	5.534	.20148	4.6701	-21.141
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3918.5	41755.	5576.0	31.819	3806.5
Stddev	9.0	104.	55.2	2.126	16.5
%RSD	.22870	.24810	.99035	6.6827	.43408
#1	3928.8	41797.	5551.0	31.908	3791.6
#2	3913.1	41637.	5537.6	29.650	3803.6
#3	3913.5	41831.	5639.3	33.900	3824.3

Sample Name: K1749-01 Acquired: 3/8/2019 15:05:08 Type: Unk
Method: P4-ICP2(v2928) 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	.00010	-.00118	.00226	-.00052	-.00090	62.558	-.02658
Stddev	.00114	.00121	.00153	.00254	.00108	.521	.00484
%RSD	1114.7	102.57	67.486	486.21	119.93	.83211	18.213

#1	-.00091	-.00125	.00402	.00010	.00034	62.013	-.02276
#2	.00134	-.00235	.00147	.00165	-.00139	63.049	-.02495
#3	-.00013	.00007	.00129	-.00332	-.00165	62.611	-.03202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00035	1.0271	.00252	.00064	.07472	4.4743
Stddev	.00005	.00002	.0115	.00015	.00009	.00058	.0447
%RSD	23.348	6.7284	1.1221	6.1371	13.257	.78127	1.0001

#1	.00018	-.00036	1.0139	.00237	.00066	.07540	4.5236
#2	.00020	-.00037	1.0319	.00250	.00055	.07436	4.4362
#3	.00028	-.00032	1.0354	.00268	.00072	.07441	4.4630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5348	.14142	.00121	.00062	.82612	.00148	.01455
Stddev	.0017	.03042	.00034	.00017	.00599	.00071	.00002
%RSD	.11048	21.509	28.161	27.395	.72536	47.949	.16669

#1	1.5336	.17591	.00085	.00070	.82239	.00156	.01457
#2	1.5341	.11843	.00125	.00042	.83303	.00074	.01453
#3	1.5368	.12991	.00153	.00073	.82293	.00215	.01454

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10435	.00031	-.00515	2.5378	3.9210	-.00322	.01463
Stddev	.02234	.00019	.00938	.0268	.0748	.00010	.00308
%RSD	21.405	62.595	182.39	1.0543	1.9068	3.1859	21.063

#1	-.11592	.00047	.00438	2.5645	4.0062	-.00329	.01147
#2	-.07860	.00035	-.00542	2.5110	3.8663	-.00326	.01762
#3	-.11851	.00010	-.01439	2.5379	3.8905	-.00310	.01479

Sample Name: K1749-01 Acquired: 3/8/2019 15:05:08 Type: Unk
 Method: P4-ICP2(v2928) 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	-.02624	1.164	.00597	4.0046	F<.00000
Stddev	.00094	.008	.00014	.1304	.56238
%RSD	3.5894	.6886	2.3747	3.2559	3.3491
#1	-.02705	1.173	.00581	3.9911	-16.780
#2	-.02647	1.161	.00609	4.1413	-16.235
#3	-.02521	1.158	.00601	3.8816	-17.360
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.9	43189.	5886.4	33.278	3867.8
Stddev	11.9	98.	67.8	.450	13.7
%RSD	.29415	.22672	1.1510	1.3530	.35538
#1	4058.5	43271.	5811.0	33.247	3867.4
#2	4050.1	43081.	5906.2	32.844	3881.7
#3	4035.0	43217.	5942.0	33.743	3854.2

Sample Name: PB117756TB Acquired: 3/8/2019 15:09:32 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	-.00320	-.00241	.00541	.00124	-.00490	-.04279
Stddev	.00108	.00161	.00029	.00273	.00206	.00401	.00176
%RSD	30.340	50.280	12.091	50.465	166.73	81.860	4.1144

#1	-.00251	-.00502	-.00208	.00721	-.00073	-.00115	-.04246
#2	-.00352	-.00265	-.00249	.00227	.00339	-.00442	-.04470
#3	-.00468	-.00194	-.00265	.00675	.00106	-.00913	-.04122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00009	.01635	.00193	-.00023	.00009	.00197
Stddev	.00009	.00005	.01365	.00041	.00012	.00029	.00108
%RSD	91.855	50.771	83.457	21.220	53.019	324.23	54.736

#1	-.00008	-.00010	.03108	.00216	-.00034	.00003	.00086
#2	-.00002	-.00004	.01385	.00218	-.00023	.00040	.00205
#3	-.00020	-.00014	.00413	.00146	-.00010	-.00017	.00301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.03666	.00197	.00213	F 240.16	.00047	.00095
Stddev	.00007	.05881	.00050	.00023	1.33	.00041	.00016
%RSD	20.519	160.41	25.568	10.693	.55445	88.617	16.288

#1	.00026	-.01363	.00142	.00230	238.64	.00064	.00079
#2	.00033	-.10350	.00208	.00221	240.71	-.00000	.00110
#3	.00039	.00714	.00241	.00187	241.12	.00077	.00096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11339	.00006	.00434	-.00565	.00886	-.00165	-.00242
Stddev	.01971	.00009	.00209	.01149	.00094	.00094	.00109
%RSD	17.385	147.46	48.251	203.37	10.649	56.713	44.938

#1	-.11377	.00012	.00303	-.01841	.00976	-.00143	-.00117
#2	-.13291	.00010	.00675	.00386	.00894	-.00085	-.00312
#3	-.09349	-.00004	.00323	-.00239	.00788	-.00268	-.00296

Sample Name: PB117756TB Acquired: 3/8/2019 15:09:32 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01369	-.0060	.00007	5.3228	3.1134
Stddev	.00414	.0014	.00010	.0712	.4642
%RSD	30.245	23.38	135.16	1.3386	14.908
#1	-.01815	-.0064	.00018	5.3697	3.6463
#2	-.01296	-.0071	.00006	5.2408	2.7975
#3	-.00996	-.0044	-.00002	5.3580	2.8964
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.8	39554.	5576.3	30.003	3474.2
Stddev	9.3	98.	26.2	.828	16.2
%RSD	.24768	.24691	.47051	2.7603	.46524
#1	3746.2	39473.	5585.7	30.550	3458.2
#2	3761.5	39663.	5546.7	29.050	3473.8
#3	3744.6	39526.	5596.5	30.408	3490.5

Sample Name: K1693-02 Acquired: 3/8/2019 15:14:09 Type: Unk
Method: P4-ICP2(v2928) 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	-.00139	-.00271	.00626	.00098	-.00412	.11993	.06631	.00010
Stddev	.00185	.00251	.00022	.00266	.00083	.01095	.00447	.00013
%RSD	133.39	92.815	3.4713	272.33	20.236	9.1337	6.7422	124.10

#1	.00075	-.00561	.00621	.00375	-.00335	.12413	.07070	.00022
#2	-.00240	-.00134	.00650	-.00156	-.00400	.12816	.06646	-.00004
#3	-.00250	-.00118	.00607	.00075	-.00500	.10750	.06176	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	23.979	.00041	.00501	.00439	.60840	.93763	1.6580
Stddev	.00006	.084	.00053	.00015	.00030	.00348	.00194	.0266
%RSD	1870.8	.35079	129.94	3.0651	6.9282	.57229	.20688	1.6031

#1	.00006	23.897	.00008	.00486	.00405	.60585	.93577	1.6884
#2	-.00006	24.065	.00012	.00517	.00448	.61237	.93964	1.6393
#3	-.00000	23.976	.00102	.00501	.00464	.60700	.93749	1.6463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	.00075	267.57	-.00078	.03716	.40089	-.00011	.01729
Stddev	.00017	.00010	1.89	.00020	.00027	.00541	.00023	.00505
%RSD	5.5681	12.913	.70478	25.375	.71740	1.3490	213.91	29.197

#1	.00310	.00081	268.93	-.00060	.03695	.39553	-.00012	.01673
#2	.00298	.00079	268.37	-.00076	.03708	.40634	-.00032	.02260
#3	.00333	.00064	265.42	-.00099	.03746	.40079	.00013	.01255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42600	.75732	-.00126	-.00504	-.01688	-.0015	.10441	5.4056
Stddev	.01229	.00355	.00119	.00176	.00275	.0019	.00019	.1601
%RSD	2.8843	.46894	94.595	34.982	16.270	130.7	.18578	2.9622

#1	.41542	.75357	-.00015	-.00698	-.01472	.0003	.10433	5.4135
#2	.43947	.75776	-.00251	-.00460	-.01997	-.0036	.10427	5.5616
#3	.42310	.76064	-.00111	-.00354	-.01595	-.0012	.10464	5.2416

Sample Name: K1693-02 Acquired: 3/8/2019 15:14:09 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.3617
 Stddev 1.2238
 %RSD 16.625

#1 6.0535
 #2 8.4787
 #3 7.5530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.3	39515.	5604.7	29.794	3446.0
Stddev	7.9	87.	18.5	1.552	6.8
%RSD	.20922	.22083	.33078	5.2091	.19633

#1	3776.9	39580.	5605.5	31.092	3453.8
#2	3761.5	39416.	5585.8	30.217	3442.0
#3	3766.4	39550.	5622.9	28.075	3442.1

Sample Name: K1693-02DUP Acquired: 3/8/2019 15:18:43 Type: Unk
Method: P4-ICP2(v2928) 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	-.00301	-.00311	.00523	.00291	-.00202	.12030	.06127	-.00001
Stddev	.00270	.00148	.00080	.00079	.00121	.01254	.00362	.00003
%RSD	89.797	47.819	15.315	27.139	59.948	10.425	5.9123	452.63

#1	-.00012	-.00141	.00537	.00234	-.00317	.13109	.05946	.00003
#2	-.00547	-.00373	.00437	.00258	-.00076	.10654	.06544	-.00003
#3	-.00344	-.00417	.00596	.00381	-.00214	.12326	.05891	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	23.148	.00047	.00483	.00379	.57657	.90743	1.6053
Stddev	.00006	.117	.00040	.00009	.00010	.01458	.00337	.0723
%RSD	64.517	.50744	85.571	1.8556	2.6686	2.5296	.37178	4.5016

#1	-.00006	23.014	.00017	.00486	.00367	.57753	.90503	1.6747
#2	-.00016	23.228	.00093	.00490	.00386	.56152	.90597	1.6107
#3	-.00005	23.204	.00032	.00473	.00384	.59064	.91129	1.5305

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.00054	251.95	-.00047	.03524	.45801	-.00000	.01225
Stddev	.00035	.00016	3.31	.00008	.00010	.00739	.00021	.00676
%RSD	10.928	29.087	1.3133	18.053	.29791	1.6137	8133.9	55.230

#1	.00365	.00036	251.83	-.00040	.03523	.46654	-.00021	.00753
#2	.00300	.00059	248.70	-.00057	.03534	.45340	-.00002	.02000
#3	.00307	.00067	255.32	-.00044	.03514	.45410	.00022	.00922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38994	.71242	-.00207	-.00256	-.00126	-.0003	.10152	5.4839
Stddev	.00759	.01428	.00096	.00212	.00169	.0015	.00023	.0210
%RSD	1.9465	2.0043	46.500	82.705	134.58	437.4	.23143	.38291

#1	.38179	.71265	-.00197	-.00284	-.00314	.0010	.10162	5.4821
#2	.39121	.69803	-.00308	-.00032	-.00079	-.0019	.10169	5.4639
#3	.39681	.72658	-.00116	-.00453	.00015	-.0001	.10125	5.5058

Sample Name: K1693-02DUP Acquired: 3/8/2019 15:18:43 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.4193
Stddev .7052
%RSD 10.985

#1 7.0303
#2 5.6477
#3 6.5800

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.3	39273.	5651.5	31.375	3435.9
Stddev	13.3	92.	57.5	.955	24.4
%RSD	.35807	.23458	1.0177	3.0429	.70874

#1	3704.7	39294.	5644.0	30.542	3412.9
#2	3718.9	39352.	5712.4	32.417	3433.3
#3	3731.4	39172.	5598.1	31.167	3461.4

Sample Name: K1693-02LX5 Acquired: 3/8/2019 15:23:15 Type: Unk
Method: P4-ICP2(v2928) 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	-.00156	-.00071	-.00036	-.00106	-.00315	.02530	-.01693	-.00007
Stddev	.00239	.00067	.00041	.00191	.00160	.01109	.00185	.00005
%RSD	153.47	95.328	113.23	179.64	50.812	43.838	10.902	70.109

#1	-.00378	-.00112	-.00083	-.00327	-.00273	.03022	-.01505	-.00013
#2	.00098	.00007	-.00009	.00005	-.00491	.01260	-.01874	-.00005
#3	-.00188	-.00107	-.00017	.00003	-.00180	.03308	-.01699	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	4.9077	-.00029	.00104	.00029	.12732	.19755	.34180
Stddev	.00007	.0129	.00025	.00028	.00050	.00159	.00108	.01155
%RSD	1484.6	.26332	86.879	26.594	168.56	1.2481	.54579	3.3802

#1	.00008	4.9067	-.00034	.00136	-.00016	.12868	.19655	.33485
#2	-.00005	4.8954	-.00002	.00087	.00082	.12772	.19740	.33541
#3	-.00002	4.9212	-.00052	.00090	.00022	.12557	.19869	.35513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00068	55.137	-.00022	.00699	-.05244	-.00020	.00848
Stddev	.00024	.00014	.487	.00047	.00008	.02920	.00029	.00435
%RSD	67.302	20.936	.88375	217.26	1.1296	55.673	145.72	51.266

#1	.00057	.00068	55.699	.00030	.00693	-.07661	.00014	.01337
#2	.00040	.00053	54.831	-.00064	.00708	-.02000	-.00041	.00504
#3	.00010	.00082	54.882	-.00031	.00695	-.06072	-.00034	.00704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07275	.16160	-.00303	-.00207	-.01507	-.0048	.02155	4.6085
Stddev	.02494	.00126	.00035	.00143	.00089	.0019	.00007	.1019
%RSD	34.278	.78165	11.437	69.137	5.8764	40.29	.30359	2.2114

#1	.09749	.16142	-.00301	-.00060	-.01471	-.0063	.02162	4.7024
#2	.04762	.16043	-.00270	-.00214	-.01443	-.0026	.02151	4.6229
#3	.07314	.16294	-.00340	-.00346	-.01608	-.0054	.02151	4.5001

Sample Name: K1693-02LX5 Acquired: 3/8/2019 15:23:15 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0072
Stddev	1.5671
%RSD	78.075

#1	2.0297
#2	.42894
#3	3.5629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.3	41336.	5638.8	30.953	3691.6
Stddev	7.6	55.	37.1	2.083	18.3
%RSD	.19722	.13418	.65871	6.7286	.49622

#1	3869.4	41361.	5596.2	28.711	3670.5
#2	3873.7	41375.	5656.1	32.827	3703.3
#3	3858.9	41273.	5664.2	31.323	3700.9

Sample Name: K1693-02MS Acquired: 3/8/2019 15:27:40 Type: Unk
Method: P4-ICP2(v2928) 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	.93233	2.1575	1.0988	2.3409	1.2346	2.4833	.29690
Stddev	.00694	.0012	.0032	.0158	.0052	.0252	.00224
%RSD	.74403	.05687	.29310	.67580	.42217	1.0148	.75314

#1	.92432	2.1576	1.0953	2.3231	1.2288	2.4618	.29604
#2	.93603	2.1587	1.1016	2.3464	1.2387	2.5111	.29523
#3	.93662	2.1562	1.0997	2.3532	1.2364	2.4770	.29944

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23056	.22368	28.364	.46180	.24152	.34322	3.6983
Stddev	.00082	.00058	.157	.00095	.00139	.00216	.0426
%RSD	.35575	.25781	.55261	.20499	.57506	.62860	1.1510

#1	.22972	.22339	28.419	.46193	.23991	.34075	3.7370
#2	.23059	.22332	28.187	.46267	.24236	.34474	3.6527
#3	.23136	.22435	28.486	.46079	.24227	.34418	3.7051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2931	3.9438	.55379	.07765	300.70	.32640	.27650
Stddev	.0016	.0397	.00147	.00042	6.88	.00420	.00061
%RSD	.12253	1.0057	.26525	.54273	2.2888	1.2861	.22080

#1	1.2933	3.9009	.55307	.07790	306.89	.33123	.27592
#2	1.2945	3.9512	.55282	.07716	293.29	.32436	.27645
#3	1.2914	3.9792	.55548	.07789	301.93	.32361	.27714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.410	.56298	.30116	.47172	2.0424	.93737	.27397
Stddev	.005	.00176	.00293	.01483	.0318	.00175	.00351
%RSD	.04541	.31321	.97389	3.1440	1.5564	.18630	1.2795

#1	10.405	.56197	.29778	.46874	2.0734	.93934	.27009
#2	10.411	.56196	.30261	.45862	2.0099	.93600	.27492
#3	10.415	.56502	.30308	.48782	2.0440	.93677	.27691

Sample Name: K1693-02MS Acquired: 3/8/2019 15:27:40 Type: Unk
Method: P4-ICP2(v2928) 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	.21734	6.759	.33625	5.9349	F<.00000
Stddev	.00273	.018	.00440	.0615	.73725
%RSD	1.2579	.2632	1.3078	1.0366	5.2344
#1	.21927	6.746	.33918	5.8650	-13.261
#2	.21421	6.751	.33119	5.9594	-14.312
#3	.21854	6.779	.33837	5.9805	-14.681
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.5	38999.	5572.5	31.804	3379.4
Stddev	6.3	94.	69.8	.511	7.7
%RSD	.17082	.24106	1.2524	1.6065	.22816
#1	3688.3	38906.	5513.6	32.268	3371.4
#2	3675.9	38999.	5649.6	31.888	3380.0
#3	3680.3	39094.	5554.4	31.256	3386.8

Sample Name: K1693-02MSD Acquired: 3/8/2019 15:31:52 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0477	2.4420	1.2379	2.6352	.95439	2.7848	.31316
Stddev	.0007	.0048	.0014	.0032	.00427	.0110	.00380
%RSD	.06869	.19617	.11163	.12135	.44708	.39360	1.2147

#1	1.0470	2.4372	1.2373	2.6319	.95298	2.7954	.31529
#2	1.0478	2.4420	1.2394	2.6354	.95099	2.7735	.31542
#3	1.0484	2.4468	1.2369	2.6383	.95918	2.7856	.30877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26119	.25238	26.764	.51984	.27126	.38493	4.0448
Stddev	.00045	.00024	.204	.00354	.00094	.00069	.0141
%RSD	.17240	.09698	.76338	.68104	.34533	.17930	.34912

#1	.26142	.25231	26.552	.52227	.27028	.38422	4.0605
#2	.26067	.25217	26.781	.51578	.27133	.38497	4.0332
#3	.26148	.25265	26.960	.52148	.27215	.38560	4.0406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2551	4.1302	.62361	.08631	280.06	.36579	.30210
Stddev	.0032	.0755	.00161	.00085	.81	.00040	.00062
%RSD	.25471	1.8277	.25829	.98106	.29007	.10922	.20581

#1	1.2579	4.0441	.62279	.08550	281.00	.36555	.30143
#2	1.2516	4.1617	.62546	.08625	279.51	.36557	.30219
#3	1.2558	4.1848	.62257	.08719	279.68	.36625	.30267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.669	.43338	.32815	.44400	1.7406	.72840	.21238
Stddev	.089	.00133	.00644	.01348	.0121	.00237	.00445
%RSD	.76265	.30790	1.9613	3.0371	.69304	.32521	2.0966

#1	11.681	.43336	.33286	.45407	1.7541	.72713	.20821
#2	11.751	.43205	.32081	.42868	1.7367	.72694	.21707
#3	11.574	.43472	.33077	.44925	1.7309	.73114	.21185

Sample Name: K1693-02MSD Acquired: 3/8/2019 15:31:52 Type: Unk
Method: P4-ICP2(v2928) 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	.25430	7.623	.35768	5.7340	F<.00000
Stddev	.00332	.012	.00026	.0914	1.3549
%RSD	1.3045	.1585	.07166	1.5936	7.7607

#1	.25084	7.621	.35742	5.7648	-16.773
#2	.25460	7.613	.35793	5.6312	-16.583
#3	.25746	7.636	.35770	5.8060	-19.019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.6	39260.	5601.2	31.860	3386.4
Stddev	2.8	145.	17.4	1.873	4.9
%RSD	.07638	.36981	.31111	5.8799	.14595

#1	3696.4	39129.	5581.6	31.699	3384.6
#2	3697.5	39416.	5607.0	33.808	3382.7
#3	3701.8	39233.	5614.9	30.072	3392.0

Sample Name: CCV04 Acquired: 3/8/2019 15:36:06 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2668	5.1161	5.1031	5.2593	5.3937	10.193	9.6184
Stddev	.0131	.0136	.0223	.0037	.0019	.151	.0674
%RSD	.24903	.26505	.43634	.07073	.03579	1.4781	.70047

#1	5.2518	5.1313	5.1281	5.2619	5.3959	10.034	9.6573
#2	5.2725	5.1116	5.0852	5.2550	5.3928	10.334	9.5406
#3	5.2761	5.1054	5.0962	5.2610	5.3924	10.210	9.6572

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26116	2.5497	24.467	1.0221	2.6437	1.3271	4.8025
Stddev	.00059	.0105	.129	.0020	.0074	.0019	.0280
%RSD	.22724	.41212	.52699	.19488	.28026	.14349	.58318

#1	.26048	2.5617	24.344	1.0218	2.6516	1.3263	4.8242
#2	.26158	2.5426	24.456	1.0242	2.6368	1.3293	4.7709
#3	.26141	2.5447	24.602	1.0202	2.6427	1.3257	4.8125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6032	23.665	2.6048	1.2303	24.623	2.3613	2.6207
Stddev	.0012	.138	.0080	.0039	.243	.0091	.0073
%RSD	.04659	.58308	.30611	.31677	.98737	.38511	.27874

#1	2.6038	23.824	2.6139	1.2262	24.805	2.3508	2.6291
#2	2.6040	23.576	2.6016	1.2340	24.347	2.3664	2.6158
#3	2.6018	23.595	2.5989	1.2308	24.717	2.3667	2.6171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.554	4.8402	4.5406	5.0465	4.7568	4.7744	4.8378
Stddev	.233	.0073	.0383	.0084	.0589	.0137	.0108
%RSD	.99075	.15000	.84429	.16689	1.2390	.28761	.22285

#1	23.769	4.8327	4.5589	5.0400	4.7923	4.7891	4.8300
#2	23.306	4.8472	4.4965	5.0434	4.6888	4.7619	4.8332
#3	23.586	4.8407	4.5663	5.0560	4.7893	4.7722	4.8501

Sample Name: CCV04 Acquired: 3/8/2019 15:36:06 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6492	5.060	5.0845	5.1866	F<.00000
Stddev	.0380	.005	.0403	.0305	1.9152
%RSD	.81804	.1011	.79330	.58822	201.32

#1	4.6715	5.066	5.1130	5.1903	.81634
#2	4.6053	5.056	5.0383	5.2151	-2.9860
#3	4.6708	5.059	5.1021	5.1544	-.68433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.4	40732.	5580.1	29.608	3484.7
Stddev	5.5	103.	57.4	2.255	13.6
%RSD	.14460	.25193	1.0295	7.6167	.39162

#1	3812.9	40807.	5528.3	29.849	3469.1
#2	3804.1	40615.	5641.9	31.733	3490.5
#3	3814.2	40773.	5570.2	27.242	3494.5

Sample Name: CCB04 Acquired: 3/8/2019 15:40:04 Type: Unk
Method: P4-ICP2(v2928) 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	-.00026	.00009	-.00253	.00419	-.00190	-.01388	-.03967
Stddev	.00048	.00222	.00103	.00202	.00091	.00215	.00462
%RSD	183.94	2369.3	40.690	48.111	47.954	15.520	11.646

#1	.00018	-.00027	-.00145	.00614	-.00085	-.01308	-.03976
#2	-.00018	-.00192	-.00265	.00211	-.00240	-.01224	-.04424
#3	-.00077	.00248	-.00350	.00432	-.00247	-.01632	-.03500

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00010	.02381	.00024	.00021	-.00060	-.00526
Stddev	.00002	.00009	.00272	.00037	.00035	.00020	.00086
%RSD	584.16	86.958	11.437	152.88	166.00	33.012	16.313

#1	.00001	.00007	.02096	.00009	.00061	-.00059	-.00598
#2	-.00002	.00020	.02408	.00067	.00009	-.00080	-.00431
#3	.00003	.00003	.02639	-.00003	-.00006	-.00040	-.00548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.03000	-.00018	.00043	-.03587	.00036	-.00028
Stddev	.00004	.02127	.00045	.00004	.01801	.00029	.00013
%RSD	60.542	70.897	257.91	10.174	50.208	81.347	45.428

#1	-.00008	-.00671	.00019	.00045	-.02356	.00069	-.00016
#2	-.00002	-.04839	-.00004	.00038	-.05655	.00024	-.00028
#3	-.00009	-.03491	-.00068	.00045	-.02751	.00015	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12244	.00008	.00631	-.00655	-.00165	-.00197	-.00134
Stddev	.03717	.00013	.00414	.00821	.00194	.00031	.00196
%RSD	30.360	155.18	65.661	125.21	117.93	15.579	146.80

#1	-.14310	.00020	.00852	-.00556	.00059	-.00165	-.00008
#2	-.14470	.00010	.00153	-.01521	-.00296	-.00226	-.00033
#3	-.07953	-.00006	.00888	.00111	-.00257	-.00200	-.00360

Sample Name: CCB04 Acquired: 3/8/2019 15:40:04 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01767	-.0061	.00007	F 3.9386	F<.00000
Stddev	.00289	.0003	.00013	.2346	1.2248
%RSD	16.368	5.461	172.90	5.9555	60.990
#1	-.01563	-.0061	.00021	4.1951	-1.1956
#2	-.02098	-.0064	.00004	3.8856	-3.4169
#3	-.01640	-.0058	-.00004	3.7351	-1.4120
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3913.4	42450.	5596.9	32.556	3812.0
Stddev	3.2	315.	18.3	.841	22.7
%RSD	.08177	.74175	.32783	2.5847	.59587
#1	3910.3	42220.	5575.7	33.217	3793.3
#2	3916.7	42322.	5607.0	31.608	3837.3
#3	3913.2	42809.	5608.0	32.842	3805.4

Sample Name: K1693-02A Acquired: 3/8/2019 15:44:32 Type: Unk
Method: P4-ICP2(v2928) 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	.99488	2.3022	1.1708	2.5025	1.0968	2.6041	.30867
Stddev	.00630	.0042	.0040	.0159	.0088	.0385	.01223
%RSD	.63315	.18125	.34574	.63534	.80017	1.4778	3.9638

#1	1.0003	2.2983	1.1734	2.5134	1.1037	2.5638	.29550
#2	.99637	2.3066	1.1730	2.4843	1.0869	2.6080	.31968
#3	.98797	2.3017	1.1662	2.5099	1.0998	2.6404	.31083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24591	.23784	27.443	.49155	.25743	.36597	3.9018
Stddev	.00098	.00049	.461	.00328	.00154	.00083	.0425
%RSD	.39901	.20734	1.6793	.66701	.60012	.22624	1.0904

#1	.24496	.23835	26.969	.48831	.25894	.36678	3.8854
#2	.24586	.23781	27.889	.49146	.25748	.36513	3.9501
#3	.24692	.23736	27.472	.49487	.25585	.36599	3.8700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2750	4.0715	.58876	.08115	296.71	.34479	.28965
Stddev	.0033	.0693	.00114	.00064	2.45	.00108	.00052
%RSD	.25736	1.7009	.19314	.79224	.82716	.31202	.17822

#1	1.2721	3.9935	.58934	.08042	294.54	.34423	.29007
#2	1.2743	4.1258	.58948	.08143	299.37	.34411	.28981
#3	1.2785	4.0951	.58745	.08161	296.22	.34603	.28908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.042	.49961	.32980	.45078	1.9147	.83241	.24140
Stddev	.134	.00234	.00648	.02212	.0207	.00261	.00518
%RSD	1.2155	.46754	1.9648	4.9061	1.0816	.31321	2.1475

#1	10.892	.50126	.32340	.44456	1.9176	.83177	.23572
#2	11.150	.49694	.33635	.47534	1.9338	.83528	.24587
#3	11.083	.50063	.32964	.43244	1.8927	.83018	.24262

Sample Name: K1693-02A Acquired: 3/8/2019 15:44:32 Type: Unk
Method: P4-ICP2(v2928) 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	.22886	7.188	.34738	5.8322	F<.00000
Stddev	.00271	.013	.00446	.1790	1.9347
%RSD	1.1850	.1837	1.2830	3.0690	11.977

#1	.22607	7.185	.34362	5.6700	-13.926
#2	.23148	7.203	.35230	5.8024	-17.128
#3	.22904	7.177	.34622	6.0242	-17.408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.9	39158.	5545.9	30.599	3380.9
Stddev	13.0	181.	59.7	1.245	15.9
%RSD	.35428	.46232	1.0769	4.0680	.47133

#1	3656.4	39320.	5556.5	31.397	3377.2
#2	3681.6	39191.	5481.6	29.165	3367.1
#3	3674.8	38962.	5599.6	31.235	3398.3

Sample Name: K1645-03DLX10 Acquired: 3/8/2019 15:50:08 Type: Unk
Method: P4-ICP2(v2928) 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	.00779	-.00835	.08284	.00815	.00968	14.903	.06309
Stddev	.00185	.00122	.00048	.00105	.00340	.069	.00322
%RSD	23.747	14.636	.57390	12.847	35.148	.46047	5.1006

#1	.00853	-.00694	.08231	.00904	.01333	14.832	.06676
#2	.00916	-.00913	.08322	.00841	.00660	14.908	.06175
#3	.00569	-.00898	.08299	.00699	.00911	14.970	.06076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	-.00474	2.9426	F 10.909	.06810	.92505	76.761
Stddev	.00005	.00010	.0275	.009	.00036	.00129	.850
%RSD	3.4062	2.0885	.93584	.08077	.52429	.13940	1.1078

#1	.00151	-.00482	2.9395	10.908	.06792	.92395	77.576
#2	.00147	-.00463	2.9167	10.900	.06787	.92474	75.879
#3	.00157	-.00479	2.9716	10.918	.06851	.92647	76.828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4196	3.4090	9.2231	.00060	1.4578	.05288	.19112
Stddev	.0015	.0546	.0321	.00034	.0132	.00069	.00094
%RSD	.10690	1.6006	.34821	57.275	.90329	1.3015	.49062

#1	1.4191	3.4716	9.2001	.00055	1.4643	.05360	.19016
#2	1.4183	3.3715	9.2598	.00028	1.4664	.05282	.19117
#3	1.4212	3.3838	9.2094	.00096	1.4426	.05223	.19203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37015	1.5866	-.01698	.20741	2.1792	.04372	.28579
Stddev	.01605	.0055	.00809	.00991	.0397	.00139	.00062
%RSD	4.3359	.34771	47.641	4.7799	1.8204	3.1801	.21739

#1	.38013	1.5810	-.00920	.20314	2.2211	.04399	.28599
#2	.35164	1.5920	-.02535	.20036	2.1421	.04496	.28509
#3	.37869	1.5868	-.01638	.21875	2.1745	.04222	.28628

Sample Name: K1645-03DLX10 Acquired: 3/8/2019 15:50:08 Type: Unk
Method: P4-ICP2(v2928) 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	-.00452	.5810	-.06678	4.3326	F<.00000
Stddev	.00116	.0010	.00095	.0719	2.4242
%RSD	25.594	.1636	1.4255	1.6603	.91105
#1	-.00543	.5802	-.06777	4.2597	-268.65
#2	-.00322	.5807	-.06586	4.4036	-263.83
#3	-.00493	.5820	-.06672	4.3346	-265.79
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.9	42058.	5703.7	30.794	3652.4
Stddev	9.0	23.	65.4	1.504	11.6
%RSD	.23225	.05359	1.1474	4.8841	.31710
#1	3868.2	42083.	5635.0	31.017	3657.5
#2	3854.7	42039.	5765.4	32.175	3639.1
#3	3871.6	42051.	5710.5	29.192	3660.5

Sample Name: K1645-03DL2X100 Acquired: 3/8/2019 15:54:49 Type: Unk
Method: P4-ICP2(v2928) 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	.00320	-.00096	.00673	.00099	-.00019	1.4960	-.03926
Stddev	.00151	.00243	.00082	.00417	.00059	.0227	.00622
%RSD	47.299	253.48	12.247	419.29	312.48	1.5191	15.833

#1	.00486	-.00355	.00767	-.00233	.00047	1.5115	-.03651
#2	.00189	-.00060	.00637	-.00036	-.00038	1.4699	-.04637
#3	.00285	.00127	.00614	.00567	-.00067	1.5067	-.03488

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00055	.29829	1.1430	.00704	.09370	7.9091
Stddev	.00004	.00006	.00875	.0046	.00017	.00065	.4544
%RSD	59.485	11.578	2.9323	.39997	2.4417	.69627	5.7456

#1	.00009	-.00061	.29894	1.1395	.00685	.09445	8.2278
#2	.00007	-.00049	.28924	1.1414	.00716	.09323	7.3888
#3	.00002	-.00055	.30670	1.1482	.00712	.09342	8.1107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14814	.32139	.93549	.00067	-.00159	.00541	.01809
Stddev	.00102	.06228	.00735	.00027	.03786	.00063	.00033
%RSD	.69047	19.378	.78516	41.075	2384.1	11.628	1.8068

#1	.14810	.25012	.94300	.00047	.00904	.00614	.01826
#2	.14714	.34874	.93516	.00055	-.04362	.00504	.01830
#3	.14919	.36532	.92832	.00098	.02982	.00506	.01771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16223	.16090	-.00073	.01732	.21411	.00131	.02602
Stddev	.03516	.00139	.00078	.00916	.01443	.00061	.00277
%RSD	21.675	.86258	106.76	52.888	6.7388	46.948	10.639

#1	-.19295	.16229	-.00133	.01223	.22237	.00191	.02561
#2	-.16985	.15952	.00015	.02790	.19745	.00069	.02348
#3	-.12388	.16090	-.00103	.01184	.22250	.00132	.02897

Sample Name: K1645-03DL2X100 Acquired: 3/8/2019 15:54:49 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02210	.0520	-.00693	4.2409	F<.00000
Stddev	.00343	.0011	.00039	.1798	.96536
%RSD	15.543	2.158	5.6506	4.2395	3.3235
#1	-.01815	.0507	-.00714	4.2969	-28.043
#2	-.02444	.0529	-.00648	4.3859	-29.968
#3	-.02370	.0524	-.00718	4.0397	-29.129
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.6	42267.	5866.2	32.131	3781.4
Stddev	2.4	107.	353.7	1.640	24.9
%RSD	.06148	.25241	6.0301	5.1046	.65944
#1	3902.8	42204.	5624.3	30.583	3764.6
#2	3906.6	42207.	6272.2	33.850	3769.6
#3	3907.3	42390.	5702.2	31.958	3810.1

Sample Name: K1693-04 Acquired: 3/8/2019 15:59:12 Type: Unk
Method: P4-ICP2(v2928) 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	-.00026	-.00381	.00605	.00098	-.00438	.10979	.07734	.00003
Stddev	.00383	.00072	.00177	.00170	.00040	.01268	.00128	.00007
%RSD	1502.2	18.998	29.336	174.38	9.2168	11.551	1.6521	241.79

#1	-.00227	-.00464	.00719	.00158	-.00446	.09541	.07780	-.00000
#2	.00416	-.00347	.00695	.00230	-.00474	.11938	.07590	.00012
#3	-.00266	-.00331	.00400	-.00094	-.00394	.11458	.07833	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	68.599	.00041	.00424	.00362	1.2156	1.1150	1.8392
Stddev	.00008	.372	.00008	.00020	.00036	.0106	.0011	.0325
%RSD	70.731	.54299	20.558	4.6286	9.9830	.86817	.09595	1.7683

#1	-.00011	68.981	.00032	.00426	.00383	1.2233	1.1161	1.8112
#2	-.00020	68.580	.00049	.00404	.00384	1.2200	1.1140	1.8313
#3	-.00004	68.237	.00043	.00443	.00321	1.2036	1.1148	1.8749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	.00043	311.12	-.00089	.03016	1.0489	.00005	.01615
Stddev	.00052	.00069	7.13	.00051	.00008	.0180	.00009	.00734
%RSD	16.138	158.53	2.2930	57.818	.25788	1.7132	197.37	45.461

#1	.00264	-.00013	319.15	-.00068	.03022	1.0665	.00006	.00881
#2	.00365	.00023	308.70	-.00147	.03007	1.0306	-.00005	.01613
#3	.00334	.00120	305.51	-.00051	.03018	1.0495	.00012	.02350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68151	1.0582	-.00041	-.00478	-.00736	-.0013	.21377	5.6626
Stddev	.00911	.0100	.00105	.00250	.00271	.0013	.00088	.0541
%RSD	1.3363	.94741	255.74	52.234	36.838	97.83	.41340	.95573

#1	.68828	1.0680	-.00118	-.00196	-.01043	.0002	.21471	5.7203
#2	.67116	1.0586	.00078	-.00565	-.00637	-.0021	.21295	5.6544
#3	.68509	1.0480	-.00083	-.00672	-.00528	-.0021	.21365	5.6130

Sample Name: K1693-04 Acquired: 3/8/2019 15:59:12 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.1746
 Stddev .7450
 %RSD 8.1204

#1 9.0805
 #2 8.4811
 #3 9.9622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.5	38890.	5581.6	30.272	3337.7
Stddev	2.4	10.	59.4	.658	14.5
%RSD	.06539	.02475	1.0639	2.1732	.43581

#1	3640.9	38898.	5523.8	30.015	3351.8
#2	3641.3	38879.	5578.7	31.019	3338.5
#3	3645.2	38892.	5642.4	29.781	3322.7

Sample Name: K1787-04 Acquired: 3/8/2019 16:03:45 Type: Unk
Method: P4-ICP2(v2928) 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	-.00300	-.00346	.00270	.00398	-.00311	.12101	.06202	-.00003
Stddev	.00177	.00105	.00029	.00100	.00106	.01170	.00396	.00003
%RSD	59.065	30.274	10.855	25.026	33.942	9.6660	6.3812	124.37

#1	-.00181	-.00270	.00275	.00289	-.00210	.12840	.06032	.00000
#2	-.00504	-.00466	.00297	.00423	-.00302	.12710	.05919	-.00006
#3	-.00215	-.00302	.00239	.00483	-.00421	.10752	.06654	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	22.303	.00109	.01072	.00339	.13294	.50012	2.4711
Stddev	.00008	.232	.00084	.00043	.00008	.00137	.00105	.0343
%RSD	78.379	1.0395	76.871	4.0226	2.3299	1.0299	.20903	1.3867

#1	-.00016	22.063	.00043	.01064	.00330	.13209	.50127	2.4351
#2	-.00001	22.319	.00081	.01033	.00344	.13452	.49985	2.5033
#3	-.00013	22.526	.00204	.01118	.00343	.13221	.49923	2.4750

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	.00054	278.96	-.00002	.06747	.81432	-.00010	.01005
Stddev	.00025	.00023	2.09	.00085	.00022	.04554	.00012	.00445
%RSD	6.6509	43.568	.75058	4344.1	.33126	5.5919	118.12	44.342

#1	.00385	.00067	277.96	-.00096	.06764	.83452	-.00009	.00914
#2	.00400	.00067	277.57	.00069	.06722	.76218	.00002	.00612
#3	.00350	.00027	281.37	.00021	.06756	.84626	-.00022	.01489

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43010	.75349	-.00239	-.00319	-.00462	-.0023	.12562	5.4997
Stddev	.01388	.00391	.00034	.00184	.00286	.0013	.00056	.1318
%RSD	3.2262	.51941	14.093	57.726	61.828	53.73	.44618	2.3968

#1	.42037	.74954	-.00201	-.00481	-.00618	-.0018	.12498	5.6519
#2	.42394	.75356	-.00251	-.00119	-.00635	-.0014	.12589	5.4229
#3	.44599	.75737	-.00265	-.00357	-.00132	-.0037	.12600	5.4243

Sample Name: K1787-04 Acquired: 3/8/2019 16:03:45 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2340
 Stddev 1.5274
 %RSD 24.500

#1 4.8707
 #2 5.9467
 #3 7.8846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.2	39401.	5621.3	32.158	3395.8
Stddev	6.6	139.	26.2	1.235	5.0
%RSD	.17837	.35367	.46579	3.8404	.14676

#1	3686.8	39258.	5648.0	32.550	3390.1
#2	3699.5	39536.	5620.2	30.775	3397.7
#3	3690.2	39409.	5595.7	33.150	3399.5

Sample Name: K1797-01 Acquired: 3/8/2019 16:08:19 Type: Unk
Method: P4-ICP2(v2928) 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	-.00529	-.00341	.11019	.00139	.00073	.36128	.68532
Stddev	.00222	.00131	.00133	.00240	.00147	.01152	.00256
%RSD	42.069	38.255	1.2088	173.53	201.15	3.1898	.37424

#1	-.00334	-.00460	.10885	.00293	.00218	.36748	.68686
#2	-.00480	-.00202	.11020	-.00138	-.00076	.34799	.68674
#3	-.00771	-.00362	.11151	.00261	.00077	.36839	.68236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00631	13.980	.02230	.00436	.00181	3.0580
Stddev	.00007	.00008	.036	.00013	.00040	.00042	.0167
%RSD	75.500	1.3321	.25953	.57487	9.2292	23.381	.54673

#1	-.00008	.00627	13.942	.02220	.00476	.00133	3.0441
#2	-.00003	.00641	13.982	.02224	.00437	.00196	3.0533
#3	-.00016	.00626	14.014	.02244	.00396	.00213	3.0765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57546	1.4518	.00667	.00067	277.55	.00032	F 49.502
Stddev	.00100	.0226	.00099	.00030	1.10	.00051	.418
%RSD	.17334	1.5548	14.824	44.978	.39707	156.92	.84530

#1	.57437	1.4414	.00602	.00036	278.39	.00031	49.072
#2	.57567	1.4777	.00781	.00095	277.95	-.00018	49.908
#3	.57633	1.4363	.00619	.00069	276.30	.00083	49.527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6345	-.00651	.15330	1.0220	.73078	-.00105	.00504
Stddev	.0532	.00010	.00599	.0270	.00537	.00103	.00146
%RSD	2.0209	1.4945	3.9043	2.6404	.73503	98.227	29.002

#1	2.5802	-.00640	.16004	1.0428	.72998	-.00121	.00408
#2	2.6368	-.00653	.14862	1.0316	.72585	.00005	.00432
#3	2.6866	-.00659	.15124	.99151	.73650	-.00199	.00672

Sample Name: K1797-01 Acquired: 3/8/2019 16:08:19 Type: Unk
 Method: P4-ICP2(v2928) 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	-.00337	.0817	.22888	5.7418	F<.00000
Stddev	.00210	.0023	.00025	.0629	.85483
%RSD	62.315	2.847	.11103	1.0957	24.408
#1	-.00251	.0843	.22917	5.7577	-3.7715
#2	-.00183	.0807	.22877	5.6725	-2.5451
#3	-.00576	.0800	.22869	5.7953	-4.1899
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3691.8	39160.	5599.1	30.925	3426.1
Stddev	6.9	83.	18.6	1.381	7.5
%RSD	.18788	.21177	.33249	4.4666	.21964
#1	3688.5	39073.	5592.9	32.467	3420.9
#2	3687.0	39237.	5620.0	29.800	3422.6
#3	3699.7	39171.	5584.3	30.508	3434.7

Sample Name: K1797-02 Acquired: 3/8/2019 16:17:39 Type: Unk
Method: P4-ICP2(v2928) 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	-.00375	-.00329	.33802	.00028	-.00248	.23856	.36398	.00006
Stddev	.00145	.00102	.00074	.00330	.00249	.03089	.00218	.00004
%RSD	38.575	30.937	.21891	1184.1	100.39	12.947	.60023	69.446

#1	-.00413	-.00437	.33729	.00399	-.00528	.24548	.36511	.00012
#2	-.00216	-.00316	.33877	-.00086	-.00052	.26539	.36536	.00004
#3	-.00498	-.00235	.33800	-.00230	-.00163	.20479	.36146	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03360	16.150	.01349	.00247	.00477	.14930	.15904	.53009
Stddev	.00019	.026	.00061	.00031	.00026	.00050	.00112	.04090
%RSD	.56581	.16201	4.4919	12.595	5.4798	.33721	.70691	7.7152

#1	.03350	16.121	.01288	.00217	.00486	.14978	.15827	.56799
#2	.03381	16.171	.01348	.00244	.00448	.14934	.16033	.48674
#3	.03347	16.157	.01409	.00279	.00498	.14878	.15853	.53554

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00569	.00108	309.69	-.00015	14.733	.46227	-.00149	.06142
Stddev	.00018	.00082	3.05	.00021	.046	.02642	.00012	.00700
%RSD	3.2473	75.312	.98362	144.18	.31258	5.7157	7.7479	11.402

#1	.00568	.00201	312.55	-.00004	14.750	.43455	-.00161	.05471
#2	.00550	.00050	306.49	-.00001	14.767	.48717	-.00148	.06868
#3	.00587	.00074	310.04	-.00039	14.680	.46509	-.00138	.06087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49347	.66450	-.00202	-.00291	-.00762	.0009	.10980	5.6550
Stddev	.02071	.00627	.00062	.00197	.00248	.0004	.00022	.1070
%RSD	4.1970	.94342	30.767	67.649	32.535	41.59	.20288	1.8914

#1	.51525	.67127	-.00175	-.00339	-.00958	.0007	.11006	5.6151
#2	.49113	.66334	-.00157	-.00460	-.00845	.0006	.10969	5.5737
#3	.47403	.65889	-.00272	-.00075	-.00483	.0013	.10966	5.7761

Sample Name: K1797-02 Acquired: 3/8/2019 16:17:39 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.2241
Stddev .7654
%RSD 10.596

#1 7.5629
#2 7.7617
#3 6.3477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3649.2	38919.	5578.6	31.372	3387.0
Stddev	13.4	60.	47.7	1.714	13.9
%RSD	.36793	.15522	.85433	5.4623	.40908

#1	3634.4	38987.	5524.9	33.158	3375.9
#2	3652.7	38871.	5595.0	31.217	3382.5
#3	3660.5	38900.	5615.9	29.742	3402.5

Sample Name: K1797-01DLX10 Acquired: 3/8/2019 16:31:27 Type: Unk
Method: P4-ICP2(v2928) 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	-.00368	-.00014	.00989	-.00066	-.00140	.02847	.02613
Stddev	.00355	.00116	.00140	.00347	.00126	.00797	.00051
%RSD	96.606	852.07	14.127	525.12	89.834	27.988	1.9439

#1	-.00209	.00115	.00980	-.00385	.00004	.03307	.02557
#2	-.00775	-.00046	.01133	.00304	-.00229	.03308	.02628
#3	-.00120	-.00110	.00854	-.00117	-.00197	.01927	.02655

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00067	1.4648	.00256	.00059	-.00017	.33680
Stddev	.00008	.00010	.0125	.00039	.00024	.00097	.00347
%RSD	169.49	14.617	.85082	15.256	40.496	573.31	1.0296

#1	-.00010	.00074	1.4544	.00227	.00081	.00045	.34030
#2	-.00008	.00071	1.4615	.00240	.00063	.00033	.33673
#3	.00004	.00056	1.4786	.00300	.00033	-.00129	.33337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06151	.12373	.00027	.00075	29.914	.00040	7.7046
Stddev	.00012	.04848	.00016	.00044	.134	.00003	.0575
%RSD	.20317	39.183	58.699	58.353	.44691	7.8462	.74575

#1	.06165	.16853	.00014	.00028	29.993	.00039	7.6546
#2	.06141	.13039	.00022	.00115	29.989	.00038	7.6918
#3	.06147	.07226	.00044	.00081	29.759	.00044	7.7673

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1641	-.00103	.01224	.08359	.07846	-.00238	-.00125
Stddev	.2428	.00012	.01371	.00593	.00054	.00115	.00210
%RSD	11.218	12.126	112.08	7.0911	.68633	48.339	167.37

#1	2.4246	-.00091	.02784	.08826	.07908	-.00238	-.00356
#2	2.1236	-.00116	.00211	.08559	.07818	-.00123	.00054
#3	1.9442	-.00102	.00676	.07692	.07812	-.00353	-.00075

Sample Name: K1797-01DLX10 Acquired: 3/8/2019 16:31:27 Type: Unk
Method: P4-ICP2(v2928) 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	.01147	.0019	.02401	5.0434	F<.00000
Stddev	.00231	.0022	.00009	.0576	1.6159
%RSD	20.106	117.0	.36036	1.1415	106.01

#1	.01232	.0026	.02394	5.0595	-.10543
#2	.00886	-.0006	.02398	4.9794	-3.2832
#3	.01323	.0035	.02410	5.0911	-1.1844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.7	40661.	5501.1	30.123	3678.7
Stddev	7.8	136.	30.6	1.682	23.5
%RSD	.20623	.33468	.55625	5.5826	.63947

#1	3789.8	40507.	5467.1	31.727	3701.1
#2	3792.7	40708.	5509.9	28.373	3680.7
#3	3804.6	40767.	5526.4	30.268	3654.2

Sample Name: LR CHECK 1 Acquired: 3/8/2019 16:35:28 Type: Unk
Method: P4-ICP2(v2928) 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	-.16385	-.11842	-.13094	-.96378	-.07923	2157.7	-.06581	.05311
Stddev	.01005	.00825	.01361	.01139	.01665	17.2	.00107	.00020
%RSD	6.1331	6.9661	10.395	1.1814	21.009	.79847	1.6193	.37160

#1	-.16299	-.11298	-.12205	-.97508	-.09264	2162.2	-.06508	.05295
#2	-.17430	-.11437	-.14661	-.95231	-.08445	2138.7	-.06704	.05305
#3	-.15425	-.12791	-.12417	-.96394	-.06060	2172.3	-.06532	.05333

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14265	1739.9	-.08635	.10449	1.0750	863.28	-.00541	1777.7
Stddev	.00130	10.7	.00097	.00038	.0045	2.08	.00080	10.6
%RSD	.91132	.61450	1.1254	.36773	.41580	.24134	14.734	.59801

#1	.14295	1728.2	-.08736	.10489	1.0796	861.92	-.00600	1771.3
#2	.14122	1749.1	-.08542	.10445	1.0749	865.68	-.00450	1771.8
#3	.14377	1742.3	-.08626	.10413	1.0706	862.25	-.00574	1790.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04162	-.18459	1697.7	.00349	.14300	993.20	-.01353	-2.2699
Stddev	.00163	.00220	25.2	.00061	.00141	10.23	.00144	.0125
%RSD	3.9278	1.1910	1.4821	17.565	.98298	1.0305	10.676	.55236

#1	.03980	-.18429	1721.8	.00299	.14395	1004.9	-.01344	-2.2822
#2	.04297	-.18255	1671.6	.00330	.14139	988.88	-.01502	-2.2572
#3	.04209	-.18692	1699.8	.00417	.14367	985.84	-.01213	-2.2704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14340	-.00967	.08517	-.10673	.23522	.0518	-.93564	.09461
Stddev	.07692	.00320	.00276	.00247	.00147	.0050	.00227	.03446
%RSD	53.642	33.153	3.2428	2.3102	.62608	9.644	.24239	36.425

#1	-.06945	-.00603	.08823	-.10535	.23679	.0575	-.93418	.10767
#2	-.22299	-.01206	.08285	-.10526	.23388	.0480	-.93825	.05553
#3	-.13777	-.01091	.08445	-.10958	.23498	.0500	-.93449	.12064

Sample Name: LR CHECK 1 Acquired: 3/8/2019 16:35:28 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 15.861
 %RSD .25698

#1 -6190.4
 #2 -6162.0
 #3 -6163.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.7	28110.	4827.2	25.949	1863.6
Stddev	5.8	142.	17.4	1.391	2.5
%RSD	.21852	.50630	.36127	5.3595	.13571

#1	2664.1	28070.	4844.6	24.611	1862.1
#2	2672.2	28269.	4827.4	25.849	1866.5
#3	2660.9	27993.	4809.7	27.387	1862.2

Sample Name: LR CHECK 2 Acquired: 3/8/2019 16:40:29 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.01118	228.68	.02289	-.10747	.34721	100.11	-.00039
Stddev	.00022	.00081	1.64	.00216	.00127	.01605	1.30	.00004
%RSD	23.806	7.2296	.71681	9.4269	1.1773	4.6239	1.3004	10.624

#1	-.00075	-.01028	229.23	.02306	-.10744	.33882	100.18	-.00038
#2	-.00119	-.01139	229.97	.02065	-.10622	.36572	98.777	-.00043
#3	-.00088	-.01186	226.83	.02496	-.10875	.33708	101.38	-.00035

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01645	.96448	-.12613	-.01077	248.58	.28721	49.278	.46161
Stddev	.00031	.01541	.00133	.00053	1.22	.01440	.233	.04732
%RSD	1.8822	1.5977	1.0524	4.8762	.49071	5.0131	.47366	10.250

#1	-.01680	.97883	-.12654	-.01126	249.97	.30346	49.391	.41474
#2	-.01621	.96641	-.12721	-.01084	248.09	.27606	49.434	.46075
#3	-.01635	.94819	-.12465	-.01022	247.69	.28210	49.010	.50936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.612	.00879	2.9199	-.08120	33.611	3.1286	-.00245	-.00393
Stddev	.060	.00019	.1613	.00095	.074	.3709	.00054	.00629
%RSD	.11576	2.1136	5.5225	1.1672	.22098	11.853	21.872	160.01

#1	51.681	.00887	3.0856	-.08125	33.686	3.5051	-.00240	-.00666
#2	51.583	.00892	2.9106	-.08212	33.610	3.1171	-.00300	-.00840
#3	51.572	.00858	2.7635	-.08023	33.538	2.7637	-.00193	.00326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04857	.00655	-.00009	.01360	-.02394	-.2819	.00174	5.3030
Stddev	.02193	.00143	.00125	.00105	.00232	.0073	.00003	.0388
%RSD	45.152	21.906	1375.7	7.7279	9.6960	2.591	1.8258	.73147

#1	-.07183	.00657	.00129	.01266	-.02365	-.2894	.00177	5.3464
#2	-.04562	.00797	-.00040	.01341	-.02640	-.2815	.00173	5.2911
#3	-.02827	.00510	-.00116	.01473	-.02179	-.2748	.00171	5.2716

Sample Name: LR CHECK 2 Acquired: 3/8/2019 16:40:29 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	39.935
Stddev	2.868
%RSD	7.1804

#1	38.147
#2	43.242
#3	38.414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.5	41571.	5609.2	27.931	3471.8
Stddev	15.8	125.	62.8	1.767	9.3
%RSD	.44989	.29971	1.1201	6.3280	.26847

#1	3486.1	41498.	5578.9	27.033	3462.2
#2	3503.9	41500.	5681.4	29.967	3472.4
#3	3517.5	41715.	5567.2	26.792	3480.8

Sample Name: CCV05 Acquired: 3/8/2019 16:54:07 Type: Unk
Method: P4-ICP2(v2928) 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	5.2870	5.1144	5.1029	5.2829	5.4374	10.197	9.7440	.26276
Stddev	.0249	.0021	.0133	.0199	.0156	.070	.0160	.00062
%RSD	.47078	.04035	.26052	.37705	.28745	.68350	.16462	.23514
#1	5.2699	5.1156	5.1182	5.2742	5.4220	10.217	9.7534	.26347
#2	5.3156	5.1157	5.0969	5.2688	5.4533	10.120	9.7255	.26245
#3	5.2757	5.1120	5.0937	5.3057	5.4368	10.255	9.7531	.26236
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5486	24.583	1.0271	2.6461	1.3321	4.8629	2.6196	23.627
Stddev	.0089	.115	.0039	.0071	.0017	.0177	.0060	.106
%RSD	.34932	.46820	.38091	.26791	.12899	.36347	.22986	.44937
#1	2.5571	24.464	1.0302	2.6531	1.3315	4.8763	2.6261	23.505
#2	2.5494	24.694	1.0227	2.6464	1.3340	4.8429	2.6182	23.695
#3	2.5393	24.592	1.0284	2.6389	1.3307	4.8696	2.6143	23.682
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6031	1.2350	24.584	2.3683	2.6228	24.124	4.8489	4.5619
Stddev	.0049	.0093	.070	.0051	.0059	.038	.0057	.0076
%RSD	.18835	.74957	.28503	.21711	.22563	.15755	.11696	.16548
#1	2.6042	1.2427	24.605	2.3681	2.6291	24.161	4.8431	4.5603
#2	2.6073	1.2247	24.506	2.3736	2.6220	24.126	4.8544	4.5554
#3	2.5977	1.2375	24.642	2.3633	2.6173	24.086	4.8491	4.5702
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0293	F 4.3704	4.7356	4.8630	4.6675	5.056	5.1374	5.3492
Stddev	.0471	.0154	.0120	.0088	.0074	.012	.0081	.1505
%RSD	.93757	.35217	.25363	.18083	.15872	.2279	.15826	2.8133
#1	4.9754	4.3811	4.7483	4.8639	4.6760	5.049	5.1454	5.4311
#2	5.0496	4.3773	4.7340	4.8713	4.6630	5.050	5.1291	5.1755
#3	5.0629	4.3528	4.7245	4.8538	4.6633	5.069	5.1377	5.4410

Sample Name: CCV05 Acquired: 3/8/2019 16:54:07 Type: Unk
Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .30921
Stddev	1.3902
%RSD	449.62

#1	-1.2895
#2	.98238
#3	1.2347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.3	40415.	5533.2	28.971	3492.8
Stddev	7.8	210.	10.2	1.075	13.7
%RSD	.20511	.51859	.18439	3.7103	.39265

#1	3801.7	40251.	5522.4	28.583	3480.1
#2	3791.9	40651.	5542.6	28.143	3491.0
#3	3807.3	40342.	5534.5	30.186	3507.3

Sample Name: CCB05 Acquired: 3/8/2019 16:58:04 Type: Unk
Method: P4-ICP2(v2928) 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	-.00063	.00210	F .00679	.00375	-.00124	-.01208	-.04501
Stddev	.00075	.00049	.00095	.00371	.00158	.01052	.00393
%RSD	119.26	23.433	14.052	98.828	127.77	87.084	8.7286

#1	-.00124	.00266	.00777	.00636	-.00169	-.01555	-.04913
#2	.00020	.00171	.00675	.00539	-.00254	-.00026	-.04459
#3	-.00084	.00193	.00586	-.00049	.00052	-.02043	-.04131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00010	-.00319	.00008	-.00003	-.00007	-.00473
Stddev	.00004	.00006	.01500	.00020	.00013	.00072	.00191
%RSD	53.225	60.222	469.85	241.26	480.52	992.32	40.349

#1	-.00008	.00011	.00823	-.00006	-.00017	.00070	-.00293
#2	-.00012	.00016	.00237	-.00000	.00002	-.00071	-.00673
#3	-.00004	.00004	-.02018	.00032	.00007	-.00021	-.00453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.06828	.00012	.00086	.11081	-.00025	.00082
Stddev	.00007	.05141	.00030	.00035	.00476	.00034	.00016
%RSD	183.88	75.295	257.74	40.482	4.2913	135.61	19.028

#1	-.00002	-.01380	-.00022	.00120	.10663	-.00052	.00099
#2	.00012	-.11594	.00022	.00087	.11598	.00013	.00070
#3	.00002	-.07511	.00036	.00051	.10981	-.00037	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30460	.00004	.00589	-.00039	.00179	-.00127	-.00447
Stddev	.00506	.00020	.00743	.00640	.00132	.00120	.00248
%RSD	1.6619	516.29	126.06	1643.0	73.818	93.897	55.496

#1	.30992	.00026	.01436	.00581	.00277	.00011	-.00546
#2	.29984	-.00001	.00050	-.00000	.00029	-.00199	-.00631
#3	.30405	-.00013	.00282	-.00698	.00232	-.00194	-.00165

Sample Name: CCB05 Acquired: 3/8/2019 16:58:04 Type: Unk
 Method: P4-ICP2(v2928) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01800	-.0052	.00004	4.2569	<.00000
Stddev	.00113	.0007	.00001	.2265	.21221
%RSD	6.2661	13.63	37.216	5.3215	16.660
#1	-.01719	-.0060	.00005	4.5038	-1.2511
#2	-.01929	-.0051	.00004	4.2084	-1.4964
#3	-.01754	-.0046	.00002	4.0586	-1.0738
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.5	42197.	5581.6	30.903	3858.4
Stddev	11.1	325.	23.5	1.029	15.3
%RSD	.28440	.76967	.42122	3.3287	.39614
#1	3892.0	41855.	5570.4	31.358	3851.0
#2	3913.2	42235.	5565.9	29.725	3876.0
#3	3908.4	42501.	5608.7	31.625	3848.2