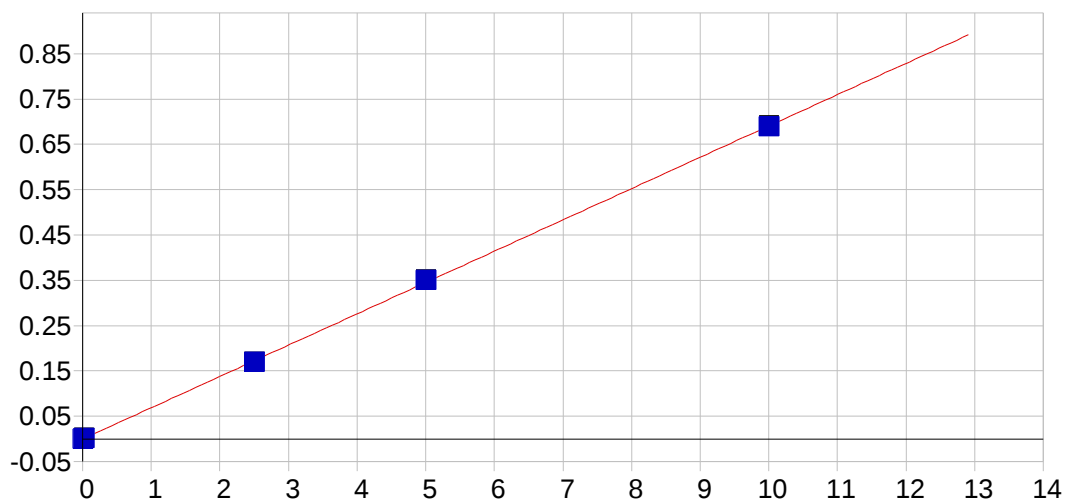


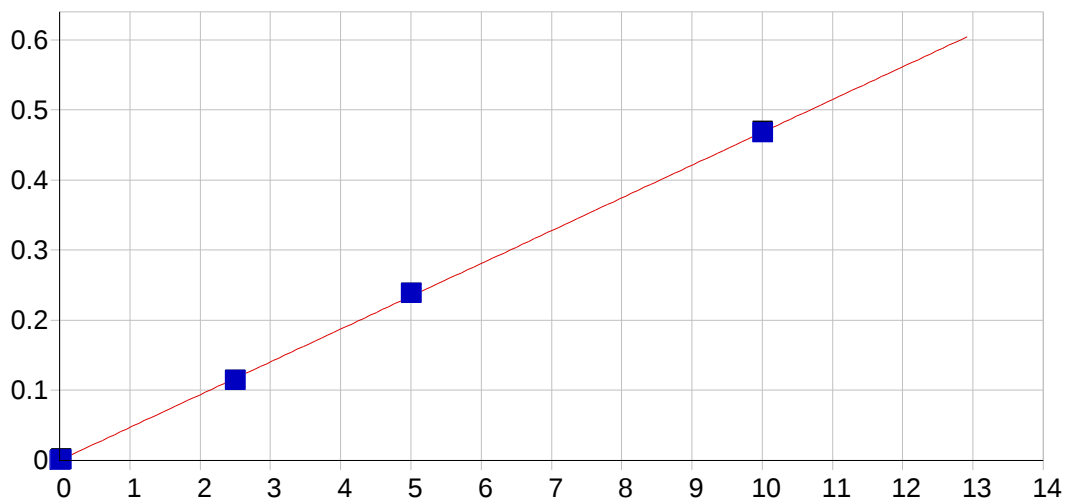


As 189.042 {478}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000371 Re-Slope: 1.000000
 A1 (Gain): 0.069091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002646
 Predicted MQL: 0.008820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.02000	.02125	.001	6.24	.00110	.000	1
S3	2.5000	2.4427	-.057	-2.29	.16839	.001	1
S4	5.0000	5.0753	.075	1.51	.35026	.000	1
S5	10.000	9.9808	-.019	-.192	.68916	.001	1



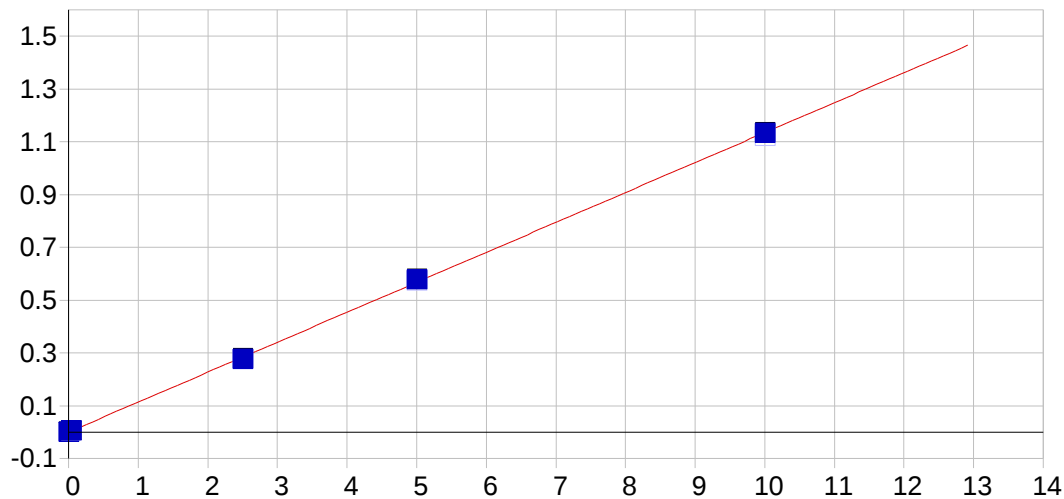
As 189.042 {479}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000326 Re-Slope: 1.000000

A1 (Gain): 0.046774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002466
 Predicted MQL: 0.008220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.02000	.02148	.001	7.38	.00133	.000	1
S3	2.5000	2.4277	-.072	-2.89	.11388	.000	1
S4	5.0000	5.0797	.080	1.59	.23792	.000	1
S5	10.000	9.9912	-.009	-.088	.46766	.001	1

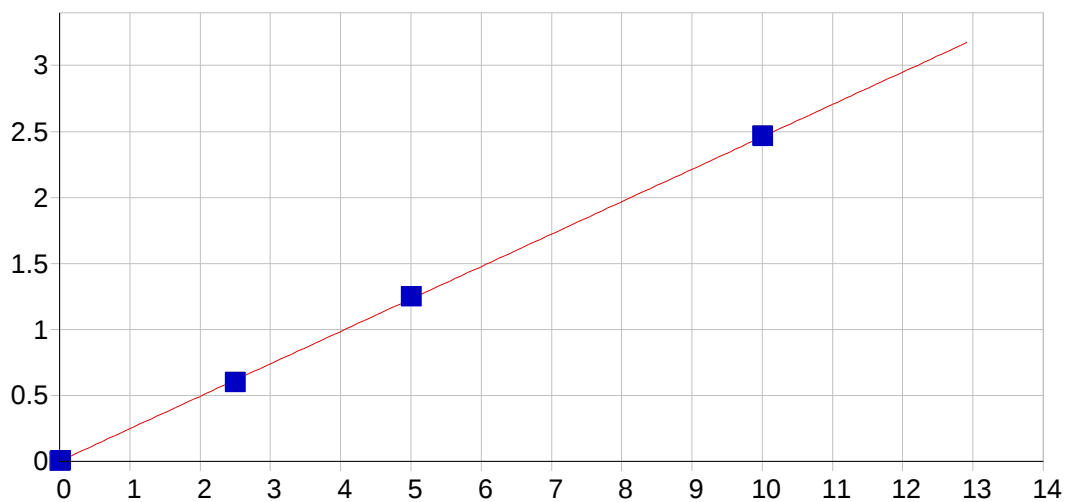


TI 190.856 {477}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.113492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.001222
 Predicted MQL: 0.004072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.04000	.04291	.003	7.28	.00471	.000	1
S3	2.5000	2.4420	-.058	-2.32	.27419	.001	1
S4	5.0000	5.0897	.090	1.79	.57178	.001	1
S5	10.000	9.9654	-.035	-.346	1.1193	.004	1

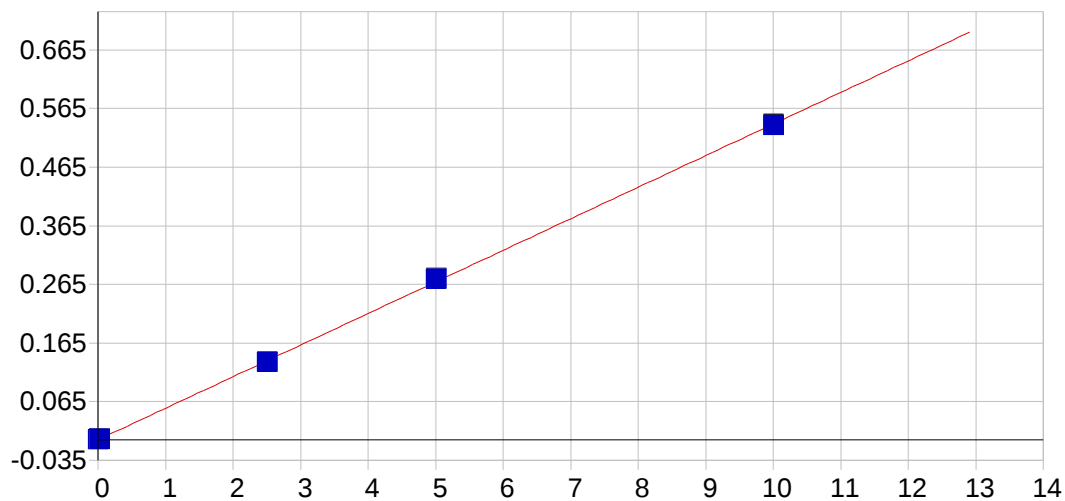


Pb 220.353 {453}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002294 Re-Slope: 1.000000
 A1 (Gain): 0.245694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.000965
 Predicted MQL: 0.003216

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00229	.000	1
S1	.01200	.01211	.000	.914	.00521	.000	1
S3	2.5000	2.4202	-.080	-3.19	.59609	.001	1
S4	5.0000	5.0696	.070	1.39	1.2462	.001	1
S5	10.000	10.010	.010	.101	2.4584	.002	1



Se 196.090 {472}

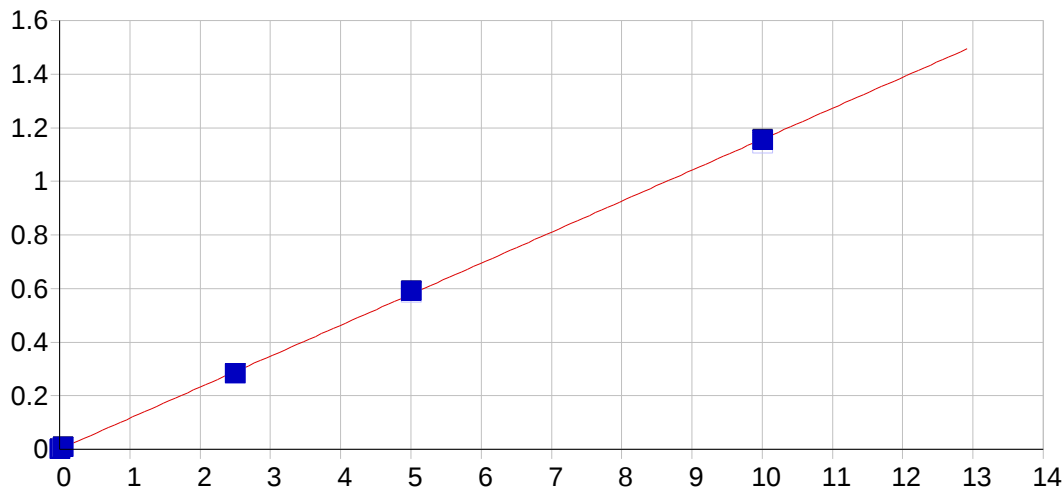
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.053864 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000019
 Predicted MDL: 0.003005
 Predicted MQL: 0.010018

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.000	1
S1	.02000	.02267	.003	13.4	.00111	.000	1
S3	2.5000	2.4452	-.055	-2.19	.13157	.000	1
S4	5.0000	5.0960	.096	1.92	.27432	.000	1
S5	10.000	9.9561	-.044	-.439	.53604	.001	1



Sb 206.833 {463}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

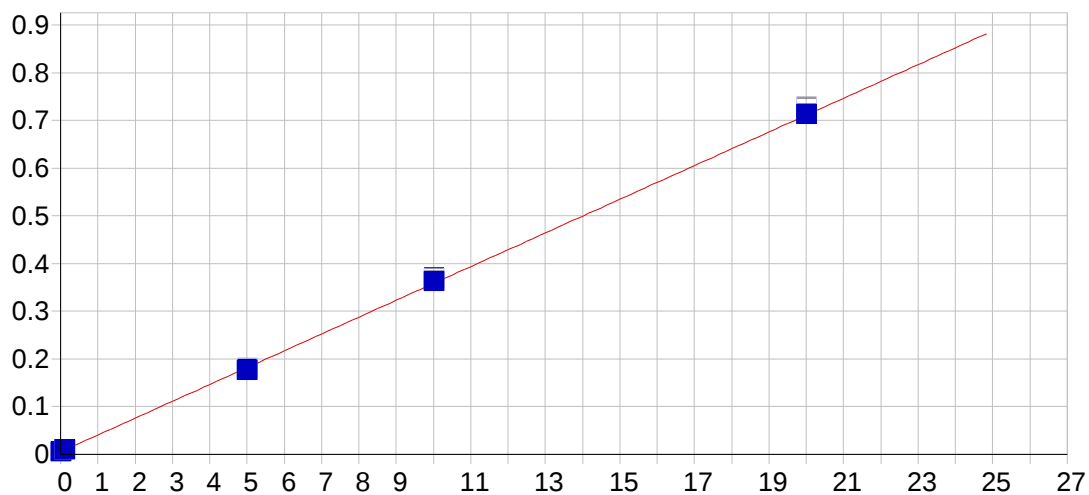
Weighting: 1/Conc

A0 (Offset): 0.000439
 A1 (Gain): 0.115661
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000064
 Predicted MDL: 0.001778
 Predicted MQL: 0.005928

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	.00044	.000	1
S1	.05000	.05320	.003	6.41	.00645	.000	1
S3	2.5000	2.4367	-.063	-2.53	.27902	.000	1
S4	5.0000	5.0936	.094	1.87	.58307	.001	1
S5	10.000	9.9665	-.033	-.335	1.1402	.003	1

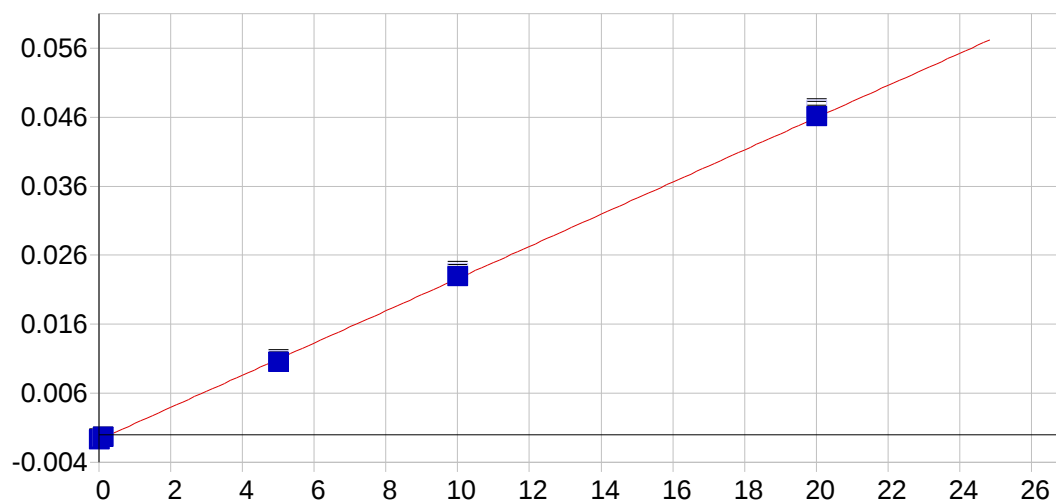


AI 308.215 {109}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005352 Re-Slope: 1.000000
 A1 (Gain): 0.035300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002622
 Predicted MQL: 0.008741

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00535	.000	1
S1	.10000	.11537	.015	15.4	.00967	.000	1
S3	5.0000	4.8319	-.168	-3.36	.17943	.001	1
S4	10.000	10.114	.114	1.14	.36941	.001	1
S5	20.000	20.038	.038	.190	.72675	.000	1



AI 309.271 {109}

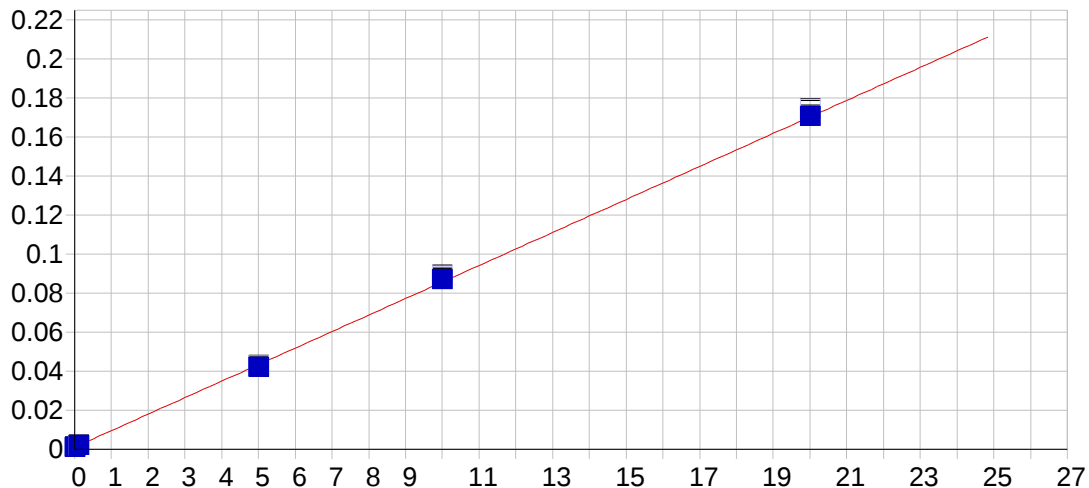
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000711 Re-Slope: 1.000000
 A1 (Gain): 0.002332 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743
 Std Error of Est: 0.000004
 Predicted MDL: 0.028265
 Predicted MQL: 0.094217

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00071	.000	1
S1	.10000	.12681	.027	26.8	-.00040	.000	1
S3	5.0000	4.7817	-.218	-4.37	.01067	.000	1
S4	10.000	10.140	.140	1.40	.02340	.000	1
S5	20.000	20.051	.051	.253	.04697	.000	1



Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

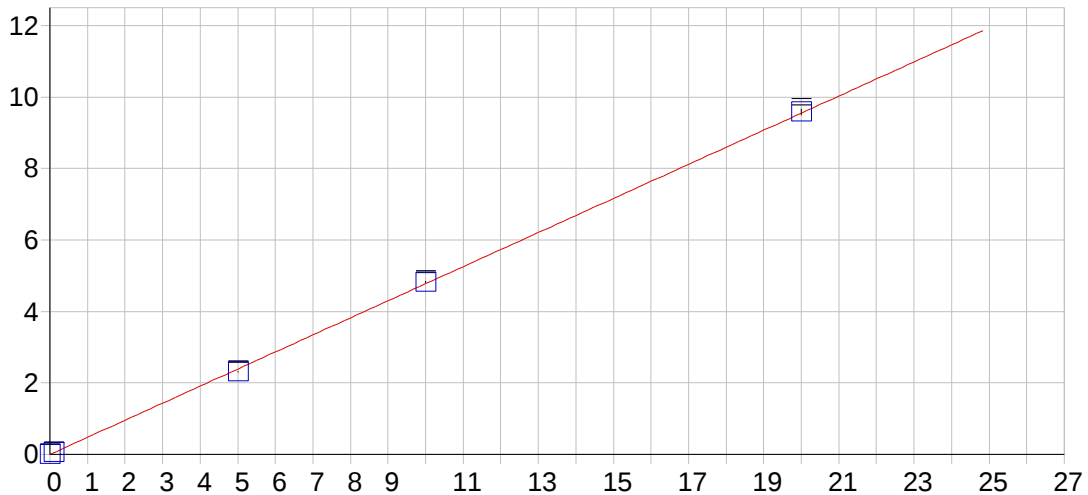
Weighting: 1/Conc

A0 (Offset): 0.001090
 A1 (Gain): 0.008463
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000010
 Predicted MDL: 0.012304
 Predicted MQL: 0.041013

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	.00109	.000	1
S1	.10000	.10793	.008	7.93	.00206	.000	1
S3	5.0000	4.8207	-.179	-3.59	.04273	.000	1
S4	10.000	10.129	.129	1.29	.08850	.001	1
S5	20.000	20.042	.042	.208	.17407	.001	1

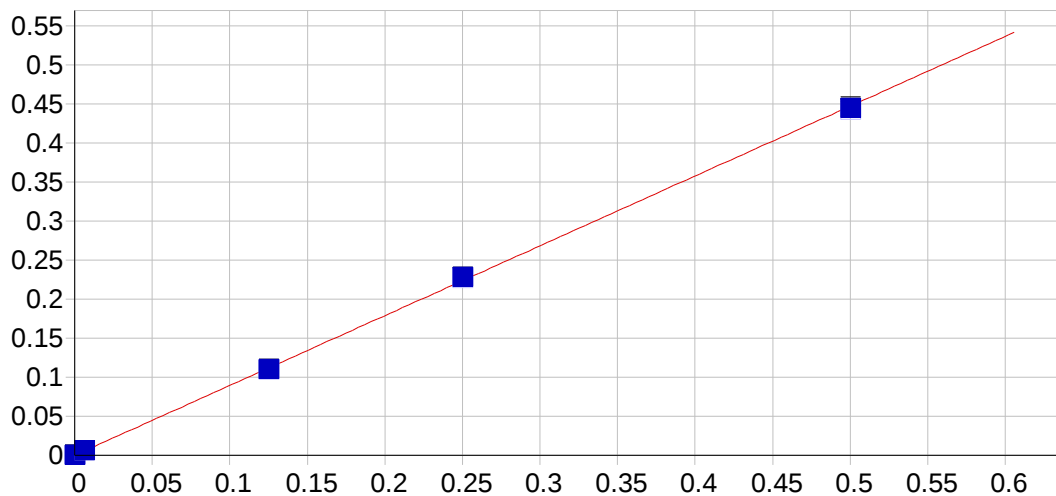


Ba 493.409 { 68}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000762 Re-Slope: 1.000000
 A1 (Gain): 0.477422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000517
 Predicted MDL: 0.000509
 Predicted MQL: 0.001697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00076	.000	1
S1	.10000	.10541	.005	5.41	.05109	.001	1
S3	5.0000	4.8336	-.166	-3.33	2.3084	.020	1
S5	20.000	20.059	.059	.294	9.5773	.089	1
S4	10.000	10.102	.102	1.02	4.8238	.029	1



Be 234.861 {144}

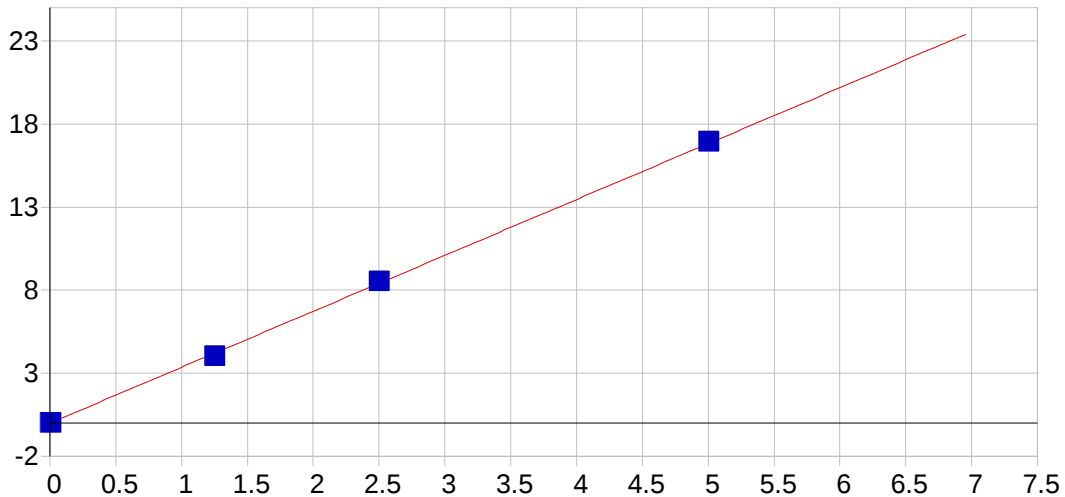
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.894699 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000040
 Predicted MDL: 0.000067
 Predicted MQL: 0.000224

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.00600	.00656	.001	9.32	.00585	.000	1
S3	.12500	.12274	-.002	-1.81	.10915	.000	1
S4	.25000	.25470	.005	1.88	.22651	.000	1
S5	.50000	.49700	-.003	-.599	.44189	.001	1



Cd 226.502 {449}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

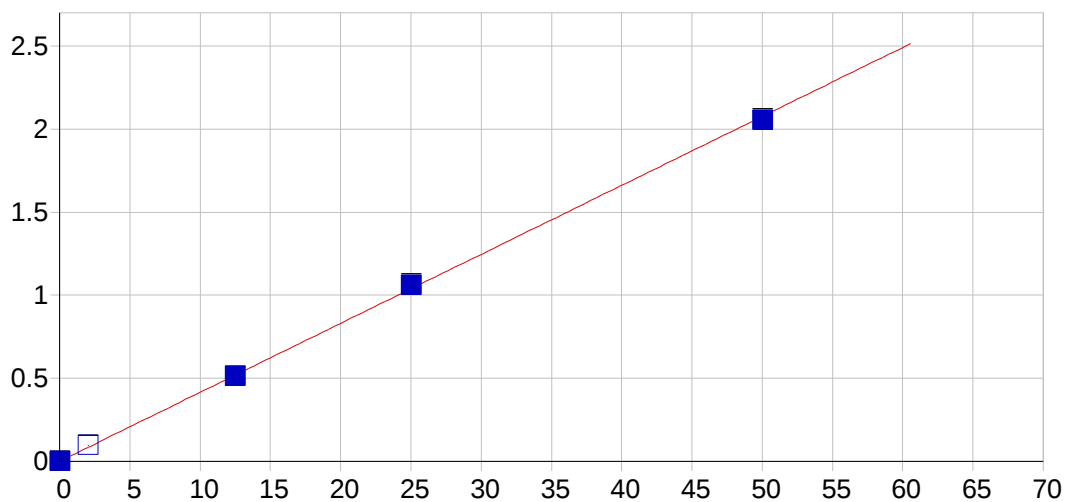
Weighting: 1/Conc

A0 (Offset): -0.001691
 A1 (Gain): 3.364492
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820
 Std Error of Est: 0.000597
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

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	-.00169	.000	1
S1	.00600	.00626	.000	4.31	.01941	.000	1
S3	1.2500	1.1925	-.057	-4.60	4.0115	.009	1
S4	2.5000	2.5296	.030	1.18	8.5110	.014	1
S5	5.0000	5.0276	.028	.553	16.918	.016	1

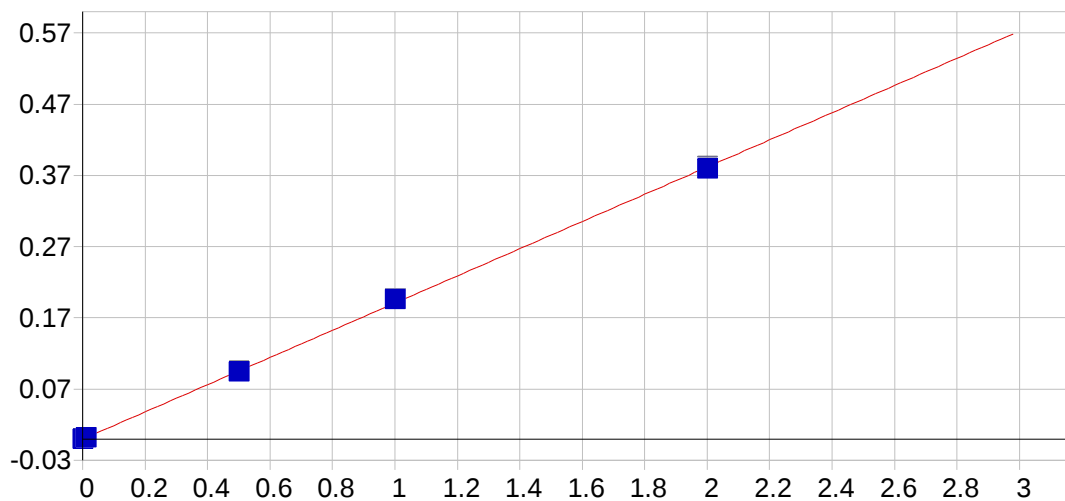


Ca 373.690 { 90}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000604 Re-Slope: 1.000000
 A1 (Gain): 0.041510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000561
 Predicted MDL: 0.017048
 Predicted MQL: 0.056827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2705	.270	13.5	.09485	.000	1
S0	.00000	-.00026	-.000	.000	.00059	.001	1
S3	12.500	12.304	-.196	-1.57	.51160	.001	1
S4	25.000	25.476	.476	1.90	1.0587	.010	1
S5	50.000	49.450	-.550	-1.10	2.0544	.006	1



Cr 267.716 {126}

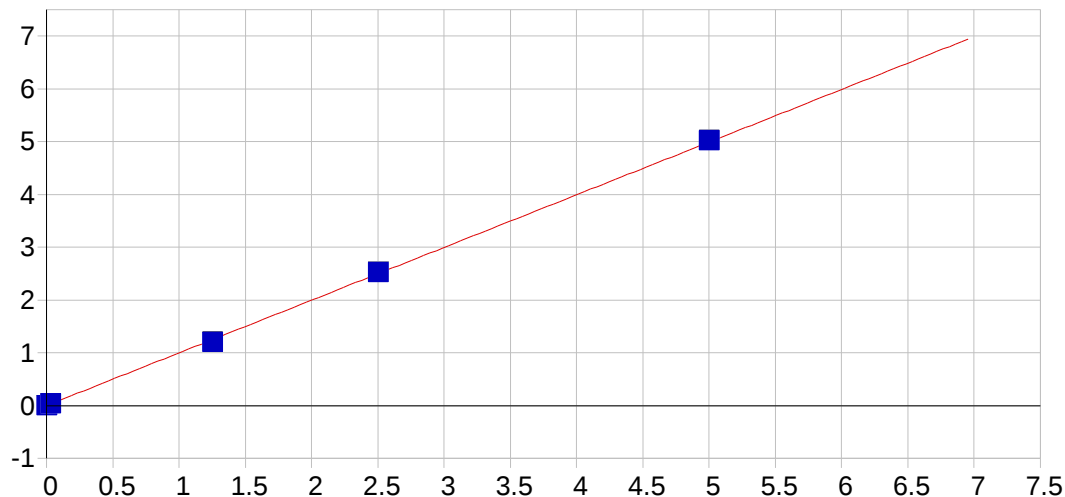
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000154 Re-Slope: 1.000000
 A1 (Gain): 0.190939 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000022
 Predicted MDL: 0.000437
 Predicted MQL: 0.001458

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01000	.01044	.000	4.42	.00185	.000	1
S3	.50000	.49097	-.009	-1.81	.09434	.000	1
S4	1.0000	1.0230	.023	2.30	.19668	.000	1
S5	2.0000	1.9856	-.014	-.721	.38197	.000	1



Co 228.616 {447}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

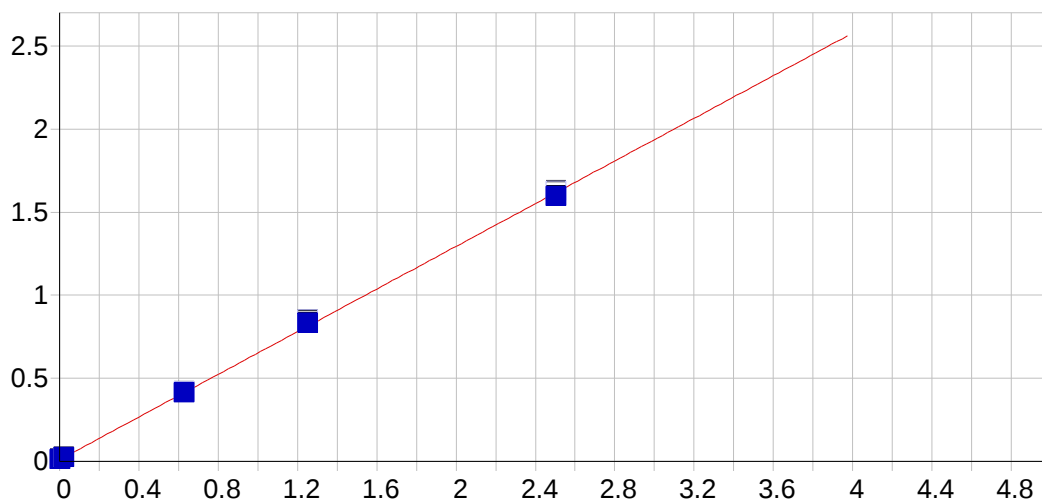
Weighting: 1/Conc

A0 (Offset): -0.000312
 A1 (Gain): 0.998265
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853
 Std Error of Est: 0.000359
 Predicted MDL: 0.000226
 Predicted MQL: 0.000752

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.03000	.03045	.000	1.49	.02988	.000	1
S3	1.2500	1.1978	-.052	-4.18	1.1964	.003	1
S4	2.5000	2.5253	.025	1.01	2.5226	.003	1
S5	5.0000	5.0264	.026	.529	5.0213	.001	1

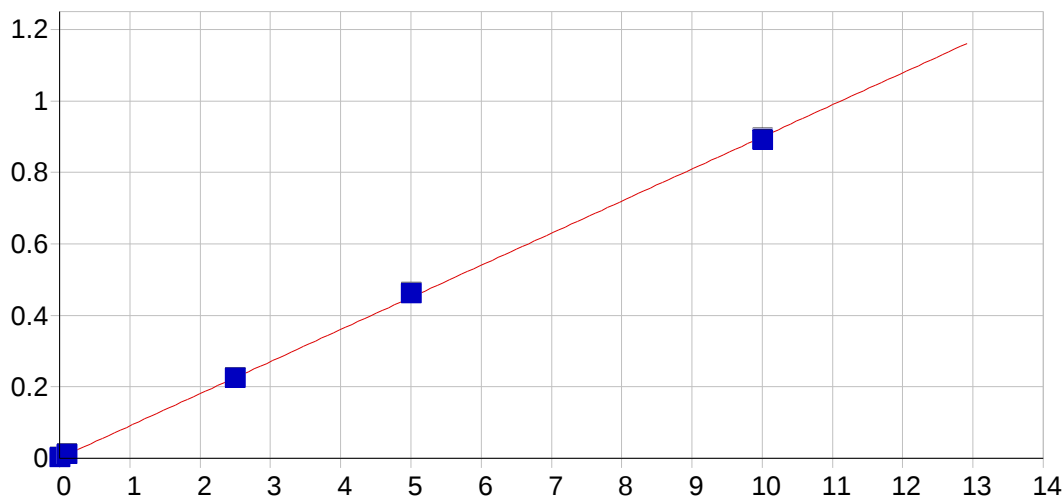


Cu 224.700 {450}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010134 Re-Slope: 1.000000
 A1 (Gain): 0.641923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000409
 Predicted MQL: 0.001364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01013	.000	1
S1	.02000	.02235	.002	11.7	.02474	.000	1
S3	.62500	.62372	-.001	-.205	.41860	.001	1
S4	1.2500	1.2823	.032	2.58	.84945	.001	1
S5	2.5000	2.4666	-.033	-1.33	1.6259	.005	1



Fe 240.488 {140}

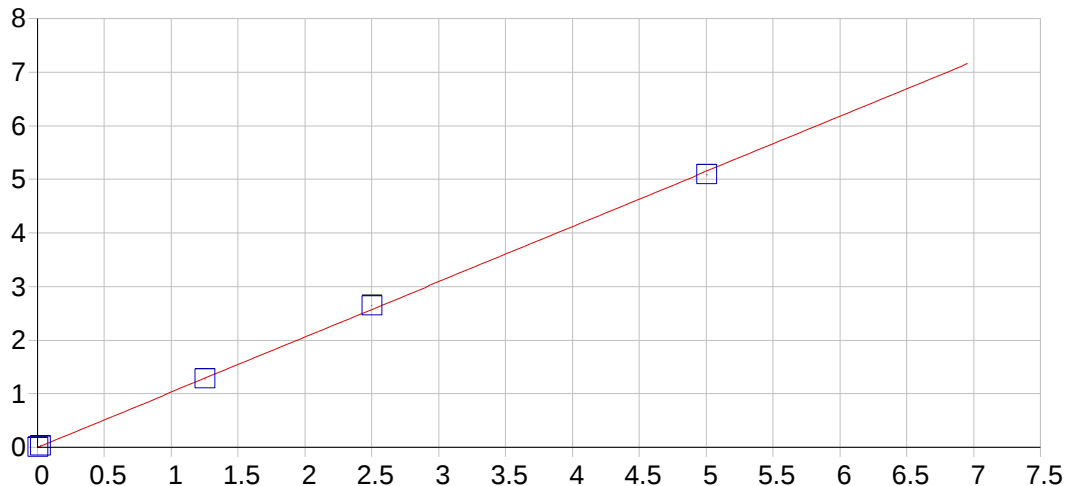
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001228 Re-Slope: 1.000000
 A1 (Gain): 0.089797 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000082
 Predicted MDL: 0.000694
 Predicted MQL: 0.002313

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00123	.000	1
S1	.10000	.11089	.011	10.9	.01123	.000	1
S3	2.5000	2.4729	-.027	-1.09	.22412	.000	1
S4	5.0000	5.1139	.114	2.28	.46212	.001	1
S5	10.000	9.9023	-.098	-.977	.89378	.002	1



Mn 257.610 {131}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

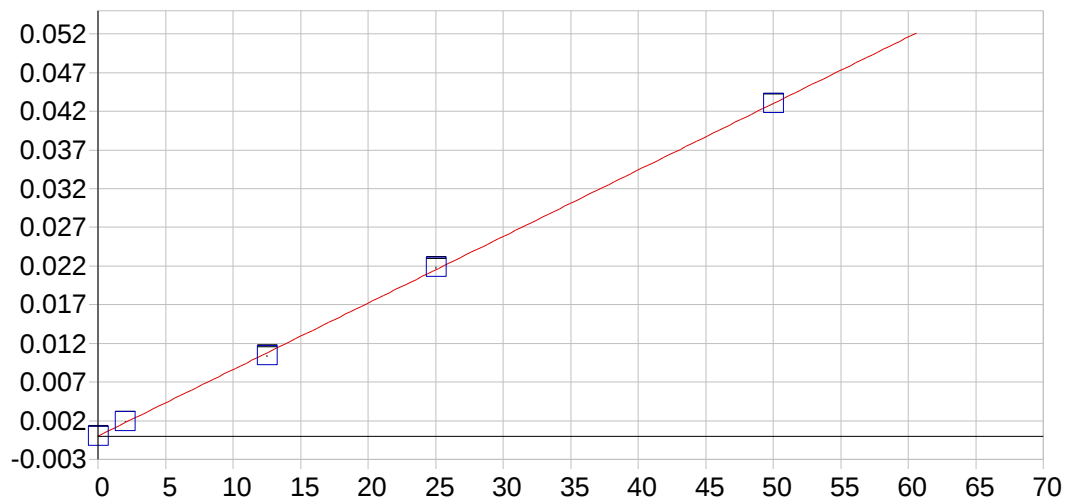
Weighting: 1/Conc

A0 (Offset): 0.000286
 A1 (Gain): 1.029462
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000327
 Predicted MDL: 0.000068
 Predicted MQL: 0.000228

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	.00028	.000	1
S1	.02000	.02290	.003	14.5	.02386	.000	1
S3	1.2500	1.2408	-.009	-.734	1.2777	.002	1
S4	2.5000	2.5670	.067	2.68	2.6429	.002	1
S5	5.0000	4.9393	-.061	-1.21	5.0851	.003	1

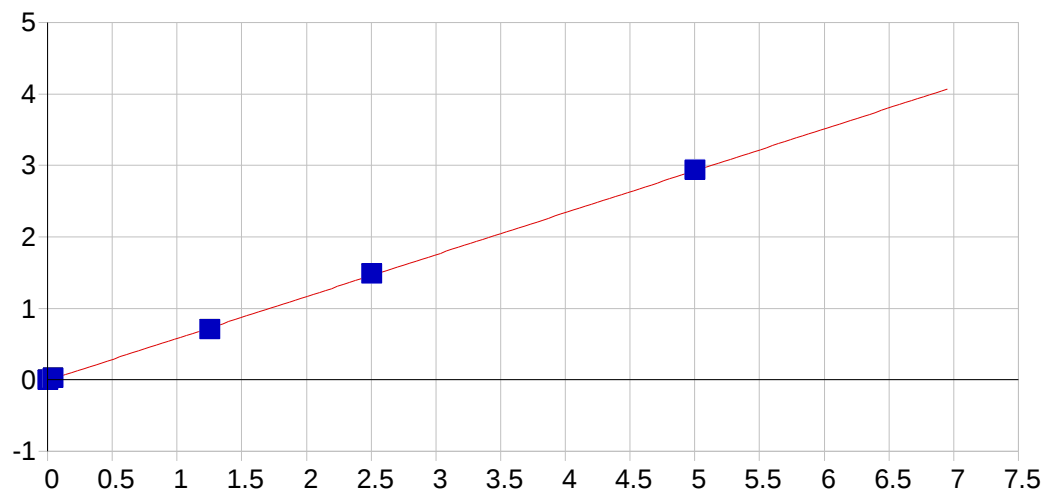


Mg 279.079 {121}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.000860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.040246
 Predicted MQL: 0.134152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1723	.172	8.62	.00188	.000	1
S0	.00000	-.00012	-.000	.000	.00001	.000	1
S3	12.500	12.041	-.459	-3.67	.01036	.000	1
S4	25.000	25.330	.330	1.32	.02179	.000	1
S5	50.000	49.957	-.043	-.087	.04296	.000	1



Ni 231.604 {445}

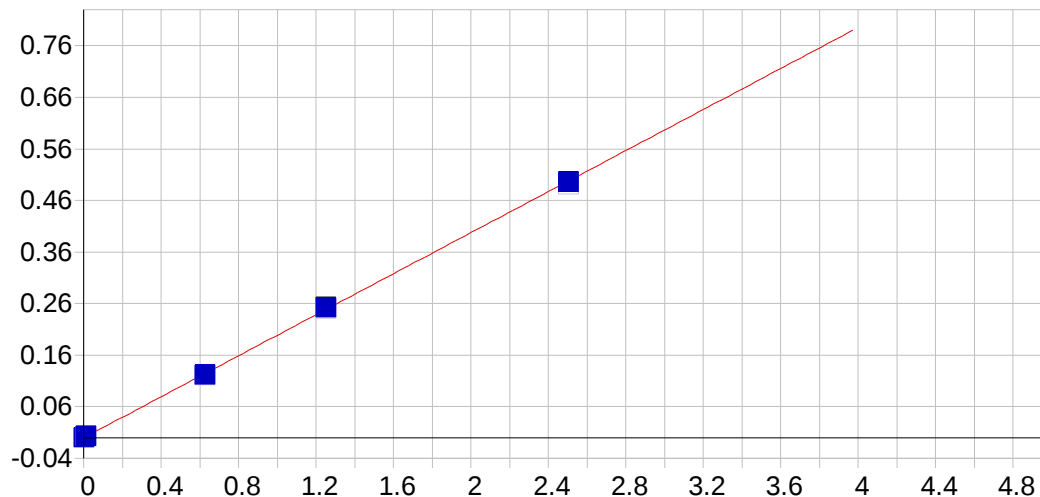
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007479 Re-Slope: 1.000000
 A1 (Gain): 0.586396 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000222
 Predicted MDL: 0.000412
 Predicted MQL: 0.001372

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00748	.000	1
S1	.04000	.04163	.002	4.07	.01694	.000	1
S3	1.2500	1.2041	-.046	-3.67	.69938	.001	1
S4	2.5000	2.5303	.030	1.21	1.4779	.003	1
S5	5.0000	5.0140	.014	.281	2.9359	.002	1



Ag 328.068 {103}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

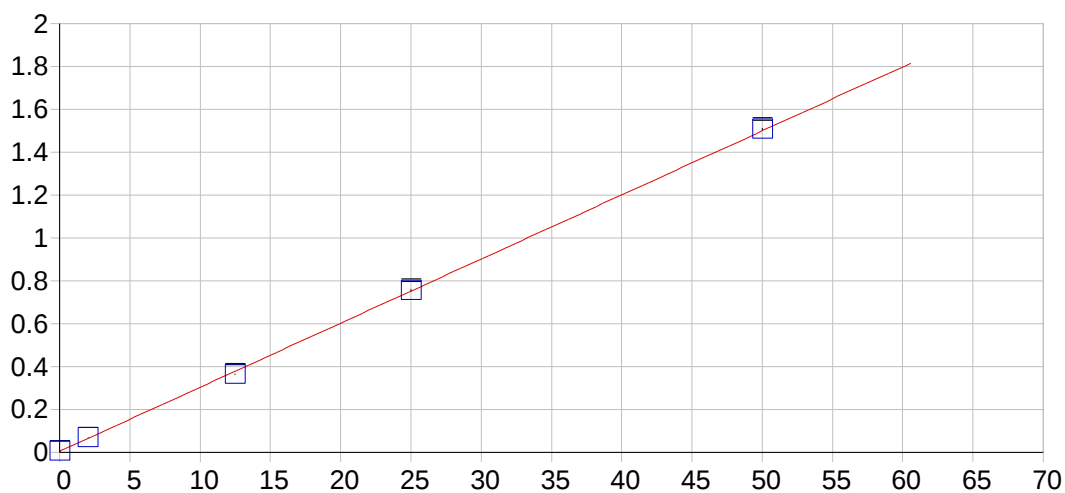
Weighting: 1/Conc

A0 (Offset): -0.000345
 A1 (Gain): 0.198983
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000019
 Predicted MDL: 0.000623
 Predicted MQL: 0.002076

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	-.00035	.000	1
S1	.01000	.01084	.001	8.45	.00177	.000	1
S3	.62500	.61421	-.011	-1.73	.12046	.000	1
S4	1.2500	1.2684	.018	1.48	.24922	.000	1
S5	2.5000	2.4915	-.008	-.340	.48976	.000	1

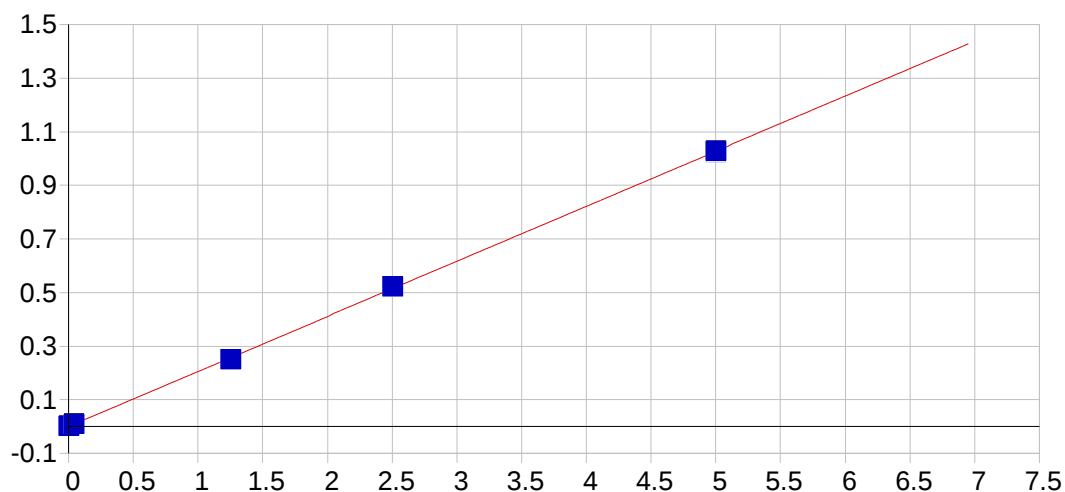


Na 589.592 { 57}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004768 Re-Slope: 1.000000
 A1 (Gain): 0.029896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.008924
 Predicted MQL: 0.029747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1404	.140	7.02	.06876	.000	1
S0	.00000	-.00008	-.000	.000	.00477	.000	1
S3	12.500	11.984	-.516	-4.13	.36305	.003	1
S4	25.000	25.119	.119	.474	.75571	.005	1
S5	50.000	50.257	.257	.513	1.5072	.006	1



V 292.402 {115}

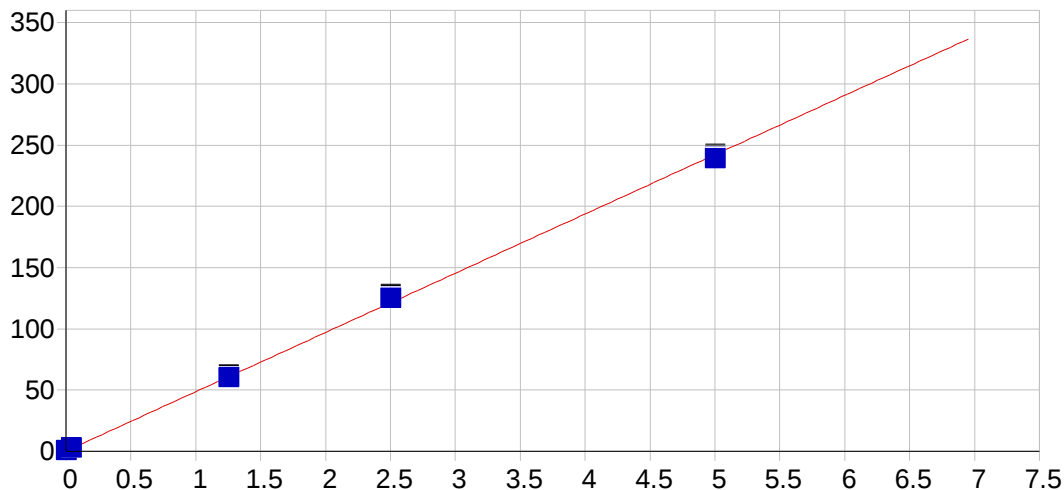
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.205501 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000070
 Predicted MDL: 0.000466
 Predicted MQL: 0.001553

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04236	.002	5.89	.00855	.000	1
S3	1.2500	1.2145	-.035	-2.84	.24788	.000	1
S4	2.5000	2.5389	.039	1.56	.51836	.000	1
S5	5.0000	4.9943	-.006	-.115	1.0196	.001	1



Zn 206.200 {163}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

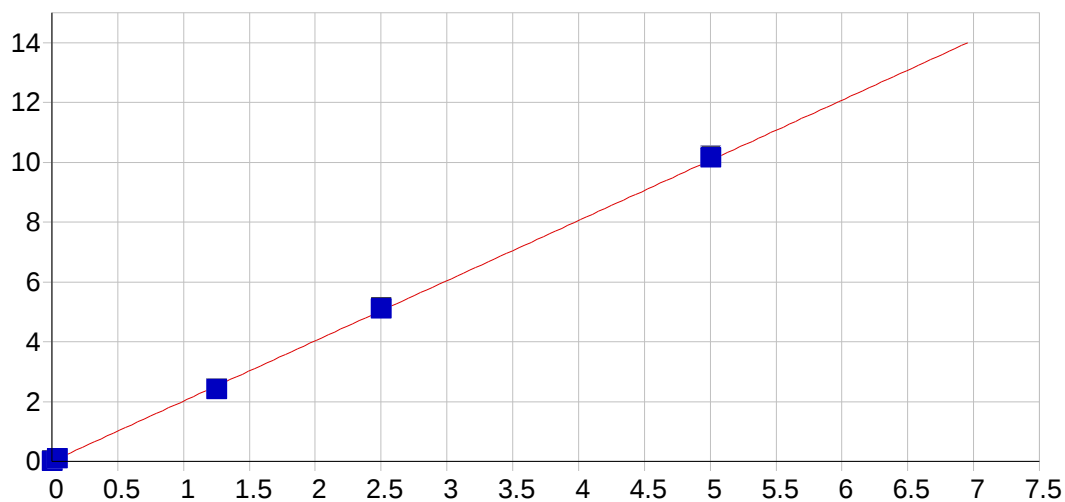
Weighting: 1/Conc

A0 (Offset): 0.267773
 A1 (Gain): 48.380785
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.023816
 Predicted MDL: 0.000384
 Predicted MQL: 0.001282

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	.26761	.022	1
S1	.04000	.04314	.003	7.84	2.3674	.032	1
S3	1.2500	1.2359	-.014	-1.13	60.426	1.52	1
S4	2.5000	2.5769	.077	3.08	125.67	2.11	1
S5	5.0000	4.9341	-.066	-1.32	240.45	1.92	1

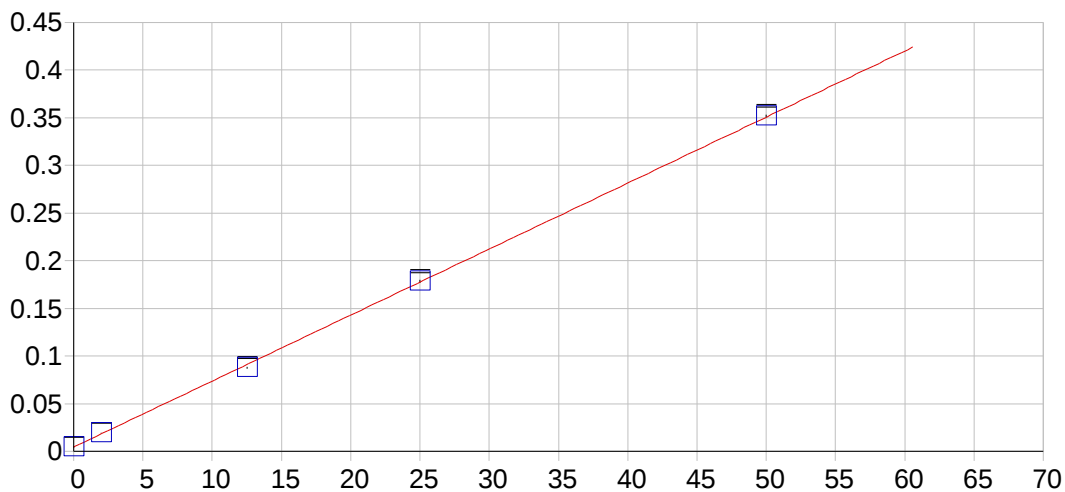


Zn 213.856 {458}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007271 Re-Slope: 1.000000
 A1 (Gain): 2.011395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000990
 Predicted MDL: 0.000094
 Predicted MQL: 0.000315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00727	.000	1
S1	.04000	.03933	-.001	-1.67	.08694	.000	1
S3	1.2500	1.1879	-.062	-4.97	2.4126	.004	1
S4	2.5000	2.5262	.026	1.05	5.1206	.009	1
S5	5.0000	5.0365	.037	.730	10.202	.013	1



K 766.490 {44}

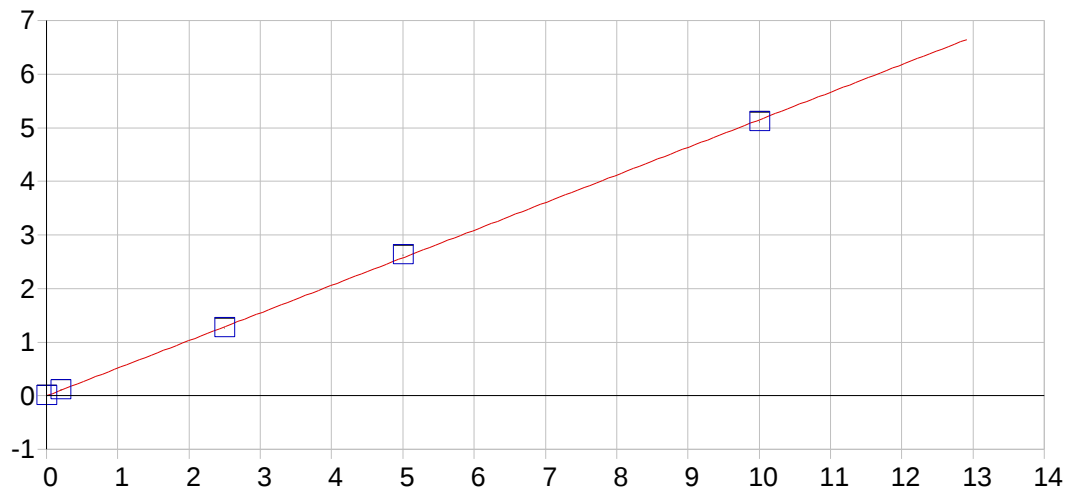
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004430 Re-Slope: 1.000000
 A1 (Gain): 0.006927 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856
 Std Error of Est: 0.000064
 Predicted MDL: 0.036068
 Predicted MQL: 0.120227

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1265	.127	6.33	.01916	.000	1
S0	.00000	-.00007	-.000	.000	.00443	.000	1
S3	12.500	12.048	-.452	-3.62	.08788	.001	1
S4	25.000	25.129	.129	.516	.17849	.002	1
S5	50.000	50.197	.197	.394	.35213	.001	1



Mo 202.030 {467}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

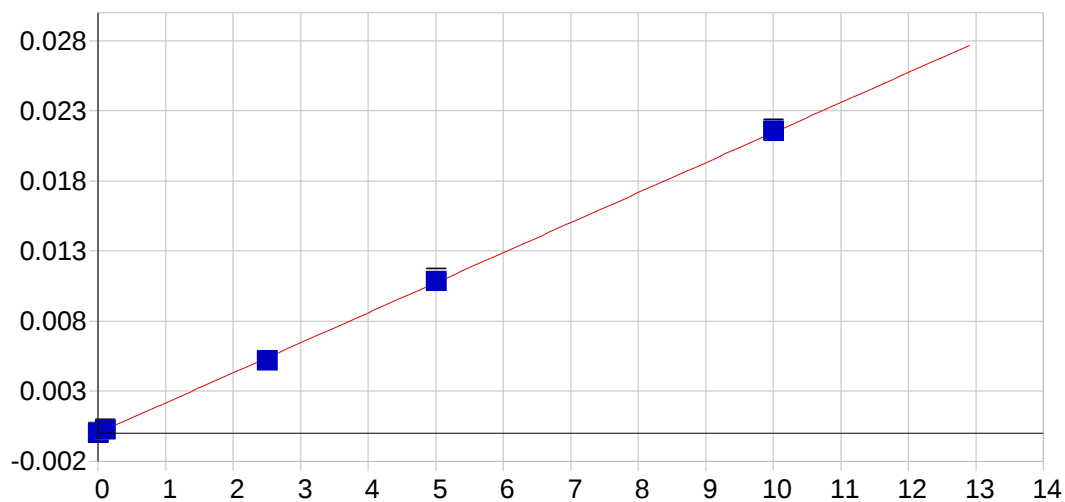
Weighting: 1/Conc

A0 (Offset): -0.000547
 A1 (Gain): 0.514739
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000656
 Predicted MDL: 0.000320
 Predicted MQL: 0.001068

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	-.00056	.000	1
S1	.20000	.21714	.017	8.57	.11122	.000	1
S3	2.5000	2.4558	-.044	-1.77	1.2636	.001	1
S4	5.0000	5.1016	.102	2.03	2.6255	.003	1
S5	10.000	9.9254	-.075	-.746	5.1084	.008	1

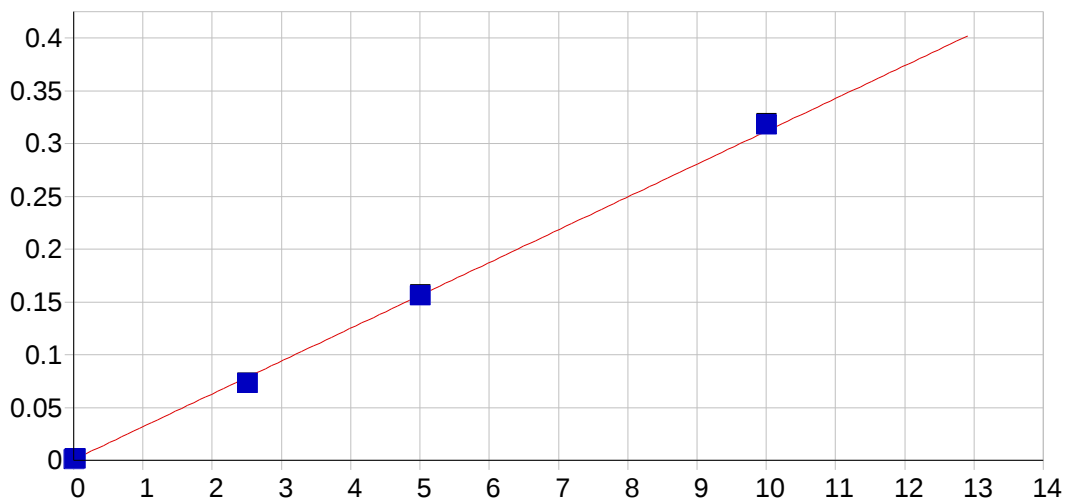


B 249.678 {135}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.002142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.012246
 Predicted MQL: 0.040821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.10000	.10531	.005	5.31	.00025	.000	1
S3	2.5000	2.3934	-.107	-4.26	.00514	.000	1
S4	5.0000	5.0521	.052	1.04	.01082	.000	1
S5	10.000	10.049	.049	.492	.02150	.000	1



S 182.034 {485}

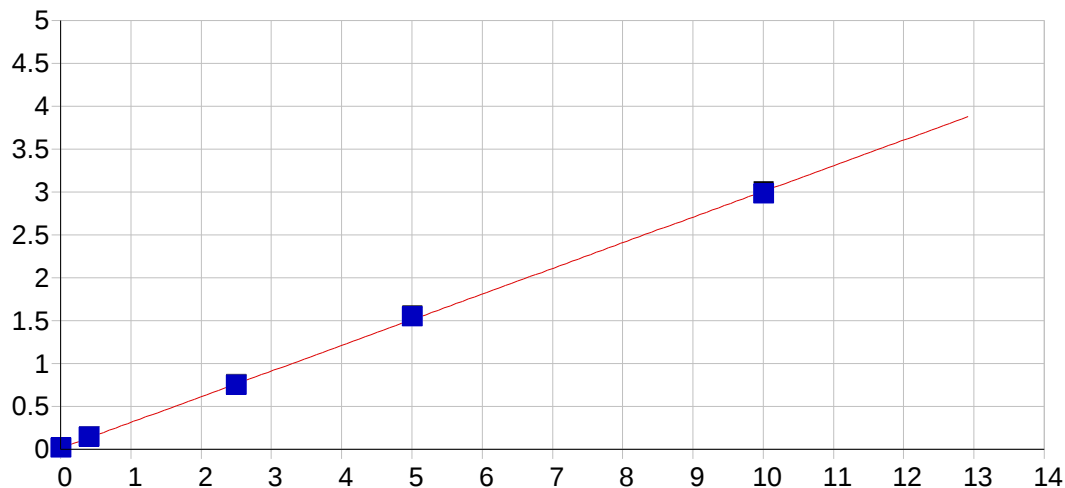
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000712 Re-Slope: 1.000000
 A1 (Gain): 0.031095 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999485
 Std Error of Est: 0.000024
 Predicted MDL: 0.003189
 Predicted MQL: 0.010631

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.02000	.01712	-.003	-14.4	.00123	.000	1
S3	2.5000	2.3156	-.184	-7.37	.07263	.000	1
S4	5.0000	4.9875	-.012	-.250	.15563	.001	1
S5	10.000	10.200	.200	2.00	.31753	.001	1



Si 288.158 {117}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

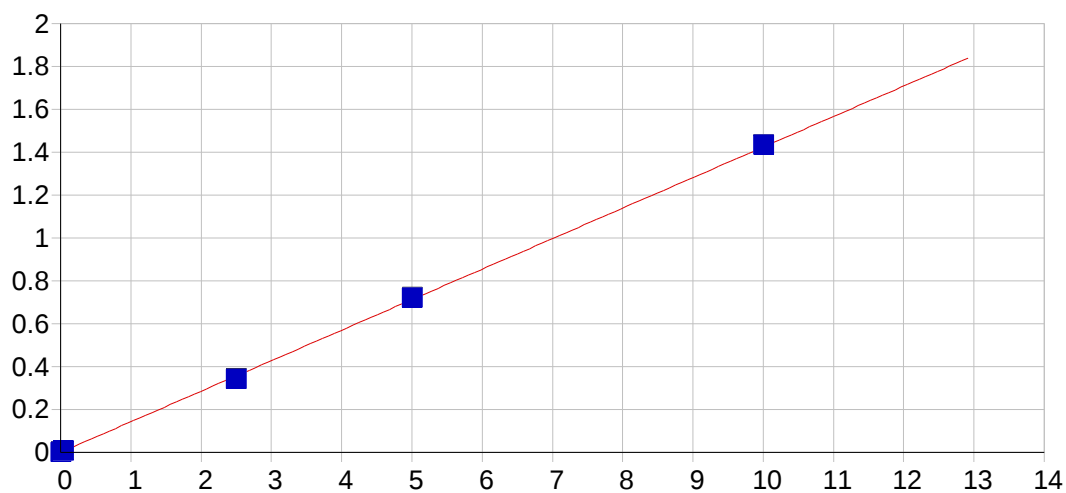
Weighting: 1/Conc

A0 (Offset): 0.013947
 A1 (Gain): 0.299301
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815
 Std Error of Est: 0.000628
 Predicted MDL: 0.002678
 Predicted MQL: 0.008926

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01394	.000	1
S1	.40000	.42880	.029	7.20	.14219	.000	1
S3	2.5000	2.4512	-.049	-1.95	.74720	.007	1
S4	5.0000	5.1155	.115	2.31	1.5442	.004	1
S5	10.000	9.9045	-.095	-.955	2.9768	.018	1

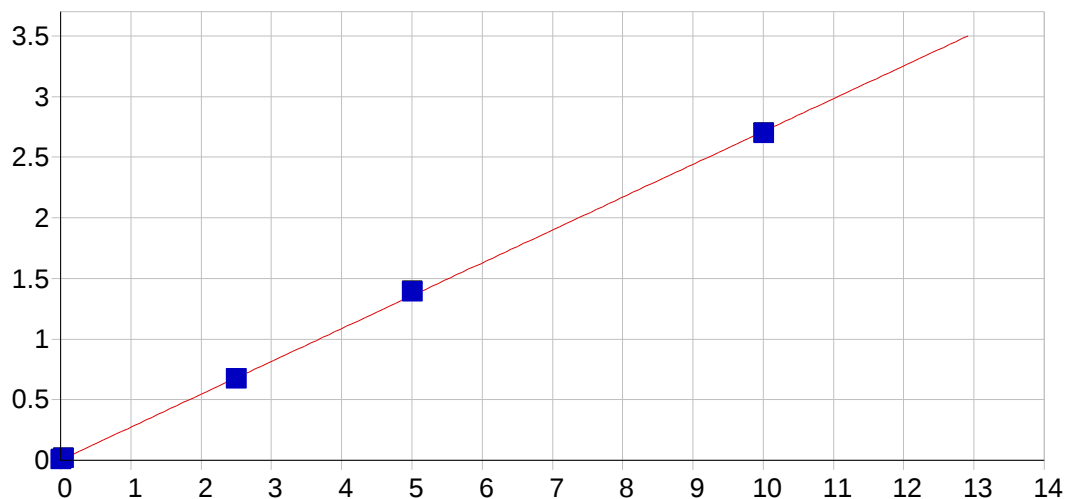


Sn 189.989 {477}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000656 Re-Slope: 1.000000
 A1 (Gain): 0.142340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000748
 Predicted MQL: 0.002492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.04000	.03835	-.002	-4.12	.00612	.000	1
S3	2.5000	2.3955	-.104	-4.18	.34170	.000	1
S4	5.0000	5.0518	.052	1.04	.71985	.001	1
S5	10.000	10.054	.054	.543	1.4320	.002	1



Ti 336.121 {100}

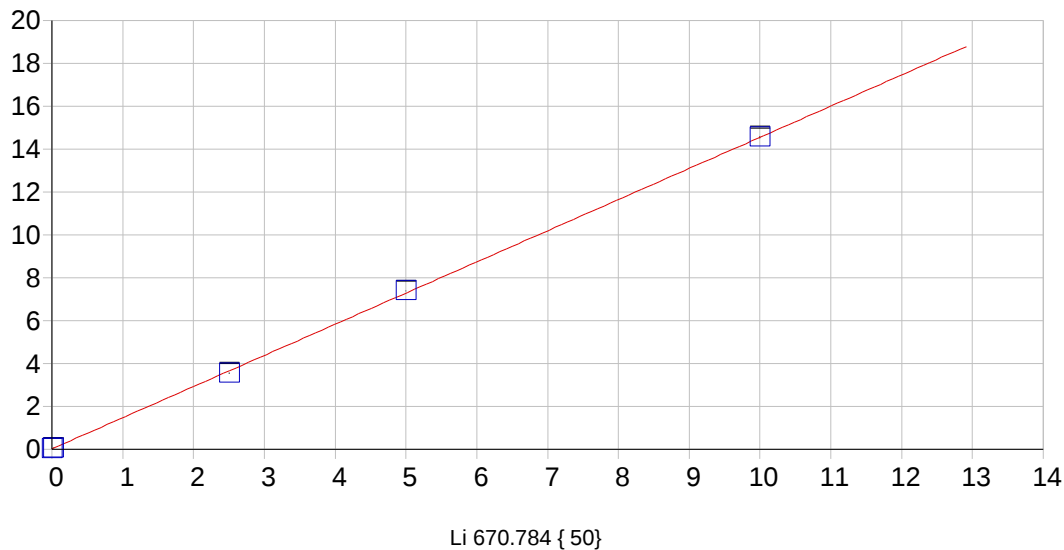
Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003064 Re-Slope: 1.000000
 A1 (Gain): 0.270839 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900
 Std Error of Est: 0.000131
 Predicted MDL: 0.001872
 Predicted MQL: 0.006238

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00306	.000	1
S1	.04000	.04174	.002	4.34	.01436	.000	1
S3	2.5000	2.4549	-.045	-1.80	.66786	.003	1
S4	5.0000	5.1055	.105	2.11	1.3857	.006	1
S5	10.000	9.9379	-.062	-.621	2.6943	.002	1



Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

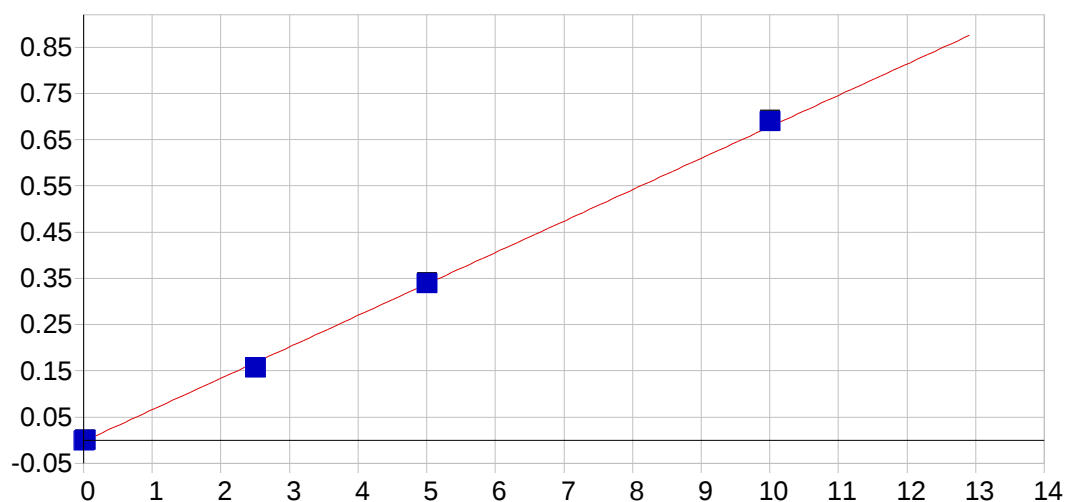
Weighting: 1/Conc

A0 (Offset): 0.020293
 A1 (Gain): 1.453359
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000447
 Predicted MDL: 0.001729
 Predicted MQL: 0.005763

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	.02029	.000	1
S1	.02000	.01939	-.001	-3.05	.04847	.001	1
S3	2.5000	2.4320	-.068	-2.72	3.5548	.027	1
S4	5.0000	5.0697	.070	1.39	7.3884	.007	1
S5	10.000	9.9989	-.001	-.011	14.552	.037	1

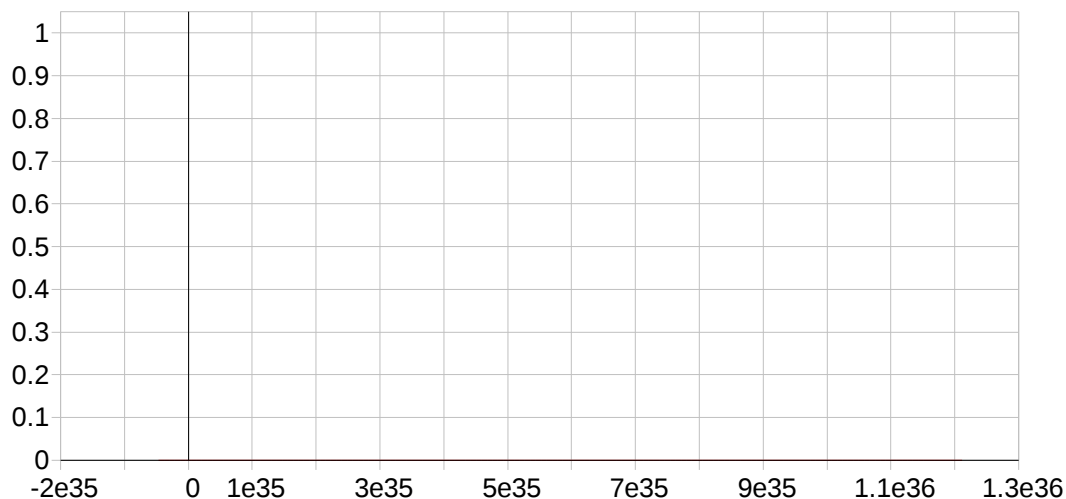


P 177.495 {490}

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001992 Re-Slope: 1.000000
 A1 (Gain): 0.067965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999551 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001647
 Predicted MQL: 0.005489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00199	.000	1
S1	.02000	.01840	-.002	-7.98	-.00075	.000	1
S3	2.5000	2.3228	-.177	-7.09	.15563	.000	1
S4	5.0000	5.0055	.005	.110	.33771	.002	1
S5	10.000	10.173	.173	1.73	.68845	.002	1



Y 224.306 {450}*

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

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

Status: Warning Zero Gain

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

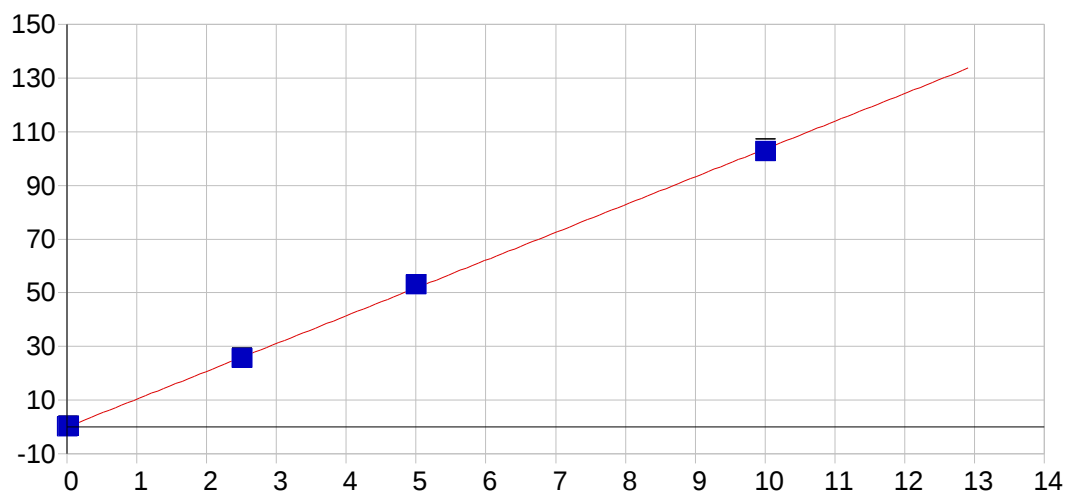




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

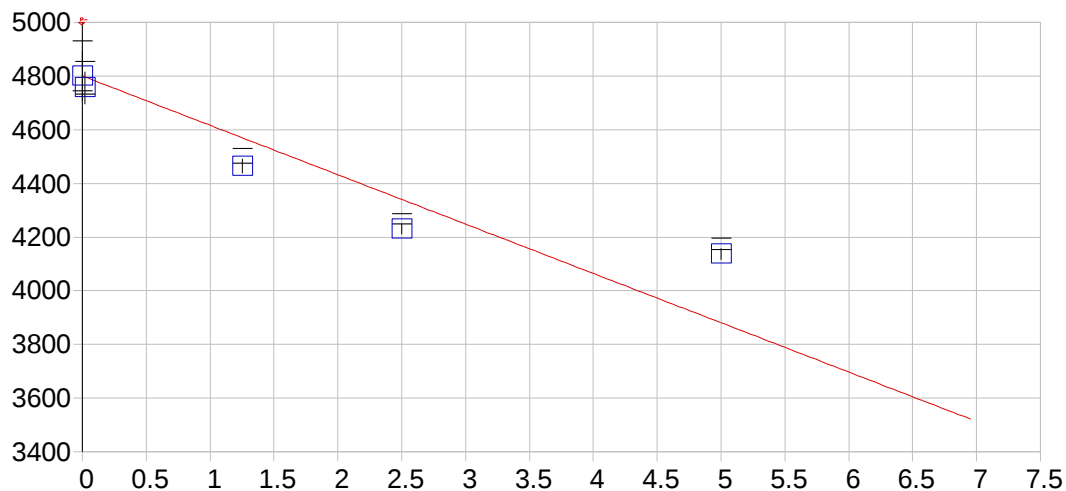


Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002245 Re-Slope: 1.000000
 A1 (Gain): 10.353099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.003596
 Predicted MDL: 0.000098

Predicted MQL: 0.000327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00226	.000	1
S1	.02000	.02185	.002	9.25	.22511	.002	1
S3	2.5000	2.4742	-.026	-1.03	25.642	.170	1
S4	5.0000	5.1104	.110	2.21	52.963	.079	1
S5	10.000	9.9135	-.087	-.865	102.75	.874	1

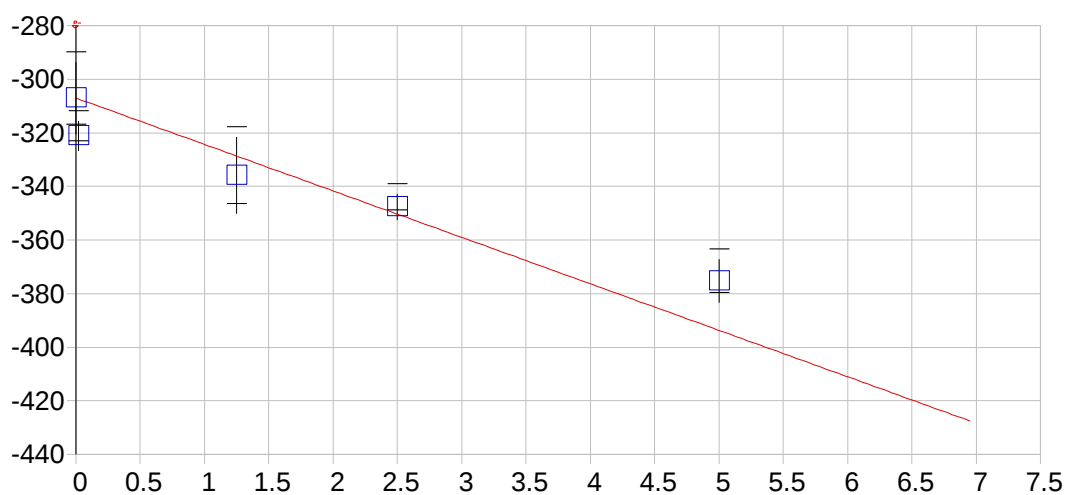


U 367.007 { 92 }

Date of Fit: 5/7/2019 16:51:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4800.029762 Re-Slope: 1.000000
A1 (Gain): -183.863872 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.854315 Status: Warning Negative Gain
Std Error of Est: 1.911551
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	4800.1	93.1	1
S1	.02000	.24125	.221	1110.	4755.7	60.9	1
S3	1.2500	1.8251	.575	46.0	4464.5	27.2	1
S4	2.5000	3.0972	.597	23.9	4230.6	19.3	1
S5	5.0000	3.6064	-1.39	-27.9	4136.9	21.8	1



U 385.958 { 87}

Date of Fit: 5/7/2019 16:51:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -307.018002

Re-Slope: 1.000000

A1 (Gain): -17.333702

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.462703

Status: Warning Negative Gain

Std Error of Est: 0.567522

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00080	-.001	.000	-307.00	13.5	1
S1	.02000	.81735	.797	3990.	-321.19	5.55	1
S3	1.2500	1.6657	.416	33.3	-335.89	14.2	1
S4	2.5000	2.3465	-.153	-6.14	-347.69	4.85	1
S5	5.0000	3.9404	-1.06	-21.2	-375.32	8.13	1

Sample Name: S0 Acquired: 5/7/2019 11:24:53 Type: Cal
Method: P4-ICP2(v3098) 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	.00033	-.00004	.00229	-.00011	.00044	.00109	.00076	.00004
Stddev	.00018	.00007	.00023	.00005	.00013	.00011	.00012	.00003
%RSD	54.171	160.48	9.9108	44.941	30.386	10.188	15.953	67.423

#1	.00023	-.00010	.00247	-.00015	.00044	.00118	.00077	.00006
#2	.00022	-.00006	.00237	-.00006	.00057	.00113	.00063	.00001
#3	.00053	.00003	.00204	-.00012	.00030	.00096	.00088	.00005

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	-.00169	.00059	-.00015	-.00031	.01013	.00123	.00028	.00001
Stddev	.00006	.00055	.00013	.00015	.00032	.00001	.00001	.00002
%RSD	3.5220	92.967	81.421	48.754	3.1222	.66260	3.6348	203.45

#1	-.00172	.00018	-.00002	-.00017	.01041	.00122	.00029	-.00000
#2	-.00173	.00038	-.00018	-.00030	.01020	.00123	.00028	.00003
#3	-.00162	.00122	-.00027	-.00047	.00979	.00123	.00027	-.00000

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	-.00748	-.00035	.00477	-.00003	.00727	.00443	-.00056	.00003
Stddev	.00002	.00006	.00023	.00003	.00047	.00022	.00016	.00003
%RSD	.31742	16.125	4.9221	115.06	6.4118	4.9446	29.005	125.91

#1	-.00748	-.00039	.00478	-.00001	.00781	.00437	-.00067	.00002
#2	-.00746	-.00036	.00499	-.00001	.00701	.00425	-.00062	.00006
#3	-.00750	-.00028	.00452	-.00006	.00700	.00467	-.00037	-.00000

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	.00071	.01394	.00066	.00306	.02029	-.0020	-.00226	4800.1
Stddev	.00003	.00039	.00007	.00026	.00007	.0001	.00036	93.1
%RSD	4.4446	2.7817	10.898	8.4968	.32687	3.877	16.106	1.9401

#1	.00072	.01419	.00062	.00280	.02037	-.0019	-.00267	4872.0
#2	.00068	.01413	.00074	.00308	.02028	-.0020	-.00217	4694.9
#3	.00074	.01349	.00061	.00331	.02023	-.0021	-.00195	4833.3

Sample Name: S0 Acquired: 5/7/2019 11:24:53 Type: Cal
 Method: P4-ICP2(v3098) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-307.00
Stddev	13.48
%RSD	4.3902

#1	-304.68
#2	-294.84
#3	-321.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4092.3	51750.	5471.3	82.214	4653.1
Stddev	13.7	132.	14.0	2.088	20.0
%RSD	.33457	.25480	.25506	2.5393	.43034

#1	4076.5	51633.	5483.6	80.208	4631.9
#2	4101.2	51724.	5474.1	82.058	4655.7
#3	4099.2	51893.	5456.1	84.375	4671.7

Sample Name: S1 Acquired: 5/7/2019 11:29:20 Type: Cal
Method: P4-ICP2(v3098) 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	.00133	.00471	.00521	.00111	.00645	.00206	.05109	.00585
Stddev	.00015	.00010	.00017	.00016	.00011	.00007	.00064	.00009
%RSD	11.013	2.1786	3.2813	14.526	1.7252	3.4015	1.2530	1.5900

#1	.00123	.00464	.00538	.00125	.00632	.00199	.05182	.00594
#2	.00126	.00483	.00523	.00094	.00652	.00212	.05079	.00576
#3	.00150	.00465	.00504	.00115	.00650	.00208	.05065	.00586

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	.01941	.00185	.02988	.02474	.01123	.02386	.01694	.00177
Stddev	.00008	.00002	.00026	.00003	.00008	.00002	.00005	.00008
%RSD	.42686	1.2567	.85467	.13284	.68647	.07847	.30420	4.5596

#1	.01950	.00183	.02999	.02473	.01132	.02384	.01696	.00185
#2	.01936	.00187	.02959	.02478	.01119	.02385	.01689	.00169
#3	.01936	.00185	.03006	.02472	.01118	.02388	.01698	.00178

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	.00855	.08694	.11122	.00025	.00123	.14219	.00612	.01436
Stddev	.00002	.00015	.00003	.00002	.00001	.00018	.00004	.00015
%RSD	.24727	.16847	.02291	9.0707	.51022	.13007	.59087	1.0234

#1	.00855	.08677	.11119	.00025	.00123	.14215	.00608	.01419
#2	.00857	.08701	.11124	.00023	.00122	.14202	.00615	.01446
#3	.00853	.08704	.11124	.00027	.00123	.14239	.00611	.01443

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04847	-.0007	.22511	4755.7	-321.19
Stddev	.00082	.0000	.00172	60.9	5.55
%RSD	1.6818	6.084	.76566	1.2798	1.7286

#1	.04761	-.0007	.22684	4821.6	-325.00
#2	.04858	-.0007	.22510	4701.6	-323.74
#3	.04923	-.0008	.22339	4743.8	-314.82

Sample Name: S1 Acquired: 5/7/2019 11:29:20 Type: Cal
 Method: P4-ICP2(v3098) 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	4113.6	51628.	5471.7	82.408	4642.6
Stddev	2.2	271.	12.6	1.382	6.6
%RSD	.05295	.52497	.22983	1.6774	.14240
#1	4111.5	51360.	5467.4	83.308	4647.0
#2	4113.5	51902.	5485.8	83.100	4635.0
#3	4115.9	51622.	5461.8	80.817	4645.7

Sample Name: S2 Acquired: 5/7/2019 11:33:51 Type: Cal
 Method: P4-ICP2(v3098) 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	.09485	.00188	.06876	.01916
Stddev	.00035	.00003	.00020	.00032
%RSD	.37020	1.4629	.29790	1.6451

#1	.09453	.00191	.06856	.01880
#2	.09523	.00185	.06875	.01935
#3	.09480	.00187	.06897	.01933

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	52664.	5625.8
Stddev	142.	12.5
%RSD	.27020	.22174

#1	52500.	5612.8
#2	52756.	5626.8
#3	52736.	5637.7

Sample Name: S3 Acquired: 5/7/2019 11:38:04 Type: Cal
Method: P4-ICP2(v3098) 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	.11388	.27419	.59609	.13157	.27902	.04273	2.3084	.10915
Stddev	.00047	.00134	.00117	.00012	.00033	.00039	.0201	.00016
%RSD	.41579	.48840	.19599	.08996	.11793	.90578	.87163	.14379
#1	.11442	.27559	.59528	.13171	.27937	.04228	2.2854	.10931
#2	.11364	.27407	.59743	.13152	.27872	.04295	2.3225	.10916
#3	.11357	.27292	.59556	.13149	.27898	.04295	2.3174	.10899
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	4.0115	.51160	.09434	1.1964	.41860	.22412	1.2777	.01036
Stddev	.0089	.00114	.00016	.0026	.00078	.00019	.0015	.00009
%RSD	.22306	.22375	.17078	.22100	.18623	.08599	.12113	.84090
#1	4.0041	.51029	.09416	1.1952	.41882	.22428	1.2790	.01030
#2	4.0215	.51212	.09447	1.1994	.41925	.22391	1.2760	.01033
#3	4.0091	.51240	.09439	1.1945	.41774	.22418	1.2780	.01046
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	.69938	.12046	.36305	.24788	2.4126	.08788	1.2636	.00514
Stddev	.00079	.00006	.00297	.00010	.0041	.00105	.0011	.00002
%RSD	.11241	.05217	.81855	.03952	.17144	1.1990	.08977	.47580
#1	.69989	.12039	.35979	.24791	2.4079	.08695	1.2649	.00512
#2	.69848	.12046	.36561	.24777	2.4157	.08766	1.2630	.00514
#3	.69978	.12052	.36375	.24796	2.4143	.08903	1.2628	.00516
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	.07263	.74720	.34170	.66786	3.5548	.1556	25.642	4464.5
Stddev	.00010	.00725	.00036	.00276	.0270	.0002	.170	27.2
%RSD	.13206	.96998	.10611	.41366	.75989	.1568	.66454	.60960
#1	.07273	.75330	.34193	.66563	3.5467	.1557	25.619	4446.7
#2	.07254	.74910	.34128	.67095	3.5849	.1559	25.823	4450.8
#3	.07263	.73919	.34189	.66699	3.5328	.1554	25.485	4495.8

Sample Name: S3 Acquired: 5/7/2019 11:38:04 Type: Cal
Method: P4-ICP2(v3098) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-335.89
Stddev	14.23
%RSD	4.2366

#1	-348.57
#2	-320.50
#3	-338.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.5	51841.	5670.2	83.681	4422.1
Stddev	2.9	98.	39.5	1.988	2.9
%RSD	.07072	.18823	.69684	2.3754	.06520

#1	4101.3	51954.	5637.9	82.750	4423.4
#2	4106.9	51792.	5658.4	82.329	4418.8
#3	4105.4	51778.	5714.2	85.963	4424.1

Sample Name: S4 Acquired: 5/7/2019 11:42:03 Type: Cal
Method: P4-ICP2(v3098) 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	.23792	.57178	1.2462	.27432	.58307	.08850	4.8238	.22651
Stddev	.00049	.00109	.0007	.00020	.00129	.00077	.0289	.00044
%RSD	.20631	.19098	.05966	.07380	.22188	.86604	.59986	.19585
#1	.23776	.57257	1.2465	.27431	.58454	.08767	4.7990	.22665
#2	.23848	.57053	1.2454	.27413	.58211	.08863	4.8168	.22601
#3	.23754	.57223	1.2468	.27453	.58255	.08919	4.8556	.22687
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	8.5110	1.0587	.19668	2.5226	.84945	.46212	2.6429	.02179
Stddev	.0144	.0098	.00013	.0031	.00087	.00105	.0022	.00015
%RSD	.16983	.92447	.06633	.12109	.10199	.22723	.08462	.68910
#1	8.5274	1.0496	.19682	2.5261	.84942	.46227	2.6454	.02162
#2	8.5003	1.0574	.19656	2.5203	.84860	.46100	2.6411	.02183
#3	8.5051	1.0690	.19667	2.5214	.85034	.46308	2.6422	.02191
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	1.4779	.24922	.75571	.51836	5.1206	.17849	2.6255	.01082
Stddev	.0028	.00029	.00543	.00033	.0095	.00169	.0031	.00021
%RSD	.18856	.11584	.71810	.06300	.18456	.94745	.11922	1.9250
#1	1.4805	.24892	.75137	.51869	5.1312	.17736	2.6264	.01061
#2	1.4749	.24950	.75396	.51835	5.1131	.17768	2.6280	.01084
#3	1.4782	.24925	.76180	.51804	5.1177	.18044	2.6220	.01102
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	.15563	1.5442	.71985	1.3857	7.3884	.3377	52.963	4230.6
Stddev	.00074	.0040	.00107	.0059	.0071	.0015	.079	19.3
%RSD	.47818	.26119	.14933	.42852	.09659	.4579	.14844	.45715
#1	.15648	1.5489	.72106	1.3790	7.3965	.3395	52.907	4209.4
#2	.15513	1.5421	.71949	1.3877	7.3831	.3365	52.929	4234.8
#3	.15526	1.5417	.71900	1.3903	7.3856	.3371	53.053	4247.4

Sample Name: S4 Acquired: 5/7/2019 11:42:03 Type: Cal
Method: P4-ICP2(v3098) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-347.69
Stddev	4.85
%RSD	1.3958

#1	-343.74
#2	-346.23
#3	-353.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.0	49204.	5445.6	78.927	4115.6
Stddev	6.6	250.	9.4	1.076	9.7
%RSD	.16756	.50716	.17223	1.3627	.23586

#1	3910.3	49489.	5453.9	78.453	4104.4
#2	3917.2	49101.	5435.4	78.170	4121.9
#3	3923.5	49023.	5447.6	80.158	4120.4

Sample Name: S5 Acquired: 5/7/2019 11:46:02 Type: Cal
Method: P4-ICP2(v3098) 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	.46766	1.1193	2.4584	.53604	1.1402	.17407	9.5773	.44189
Stddev	.00148	.0039	.0016	.00140	.0029	.00057	.0891	.00129
%RSD	.31699	.34992	.06401	.26155	.25904	.32803	.93003	.29208
#1	.46874	1.1148	2.4593	.53621	1.1423	.17472	9.5943	.44327
#2	.46827	1.1214	2.4592	.53735	1.1414	.17380	9.4809	.44169
#3	.46597	1.1217	2.4566	.53456	1.1368	.17368	9.6566	.44071
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.918	2.0544	.38197	5.0213	1.6259	.89378	5.0851	.04296
Stddev	.016	.0062	.00028	.0015	.0050	.00183	.0030	.00007
%RSD	.09288	.30147	.07204	.02965	.30421	.20515	.05884	.16924
#1	16.927	2.0607	.38195	5.0230	1.6279	.89520	5.0884	.04302
#2	16.926	2.0483	.38171	5.0208	1.6295	.89171	5.0827	.04300
#3	16.899	2.0541	.38226	5.0202	1.6202	.89444	5.0841	.04288
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9359	.48976	1.5072	1.0196	10.202	.35213	5.1084	.02150
Stddev	.0022	.00037	.0056	.0006	.013	.00138	.0080	.00013
%RSD	.07425	.07600	.36902	.06275	.13066	.39244	.15600	.60095
#1	2.9336	.49010	1.5113	1.0190	10.217	.35364	5.1145	.02163
#2	2.9362	.48981	1.5095	1.0195	10.199	.35184	5.1115	.02137
#3	2.9380	.48936	1.5009	1.0203	10.191	.35092	5.0994	.02150
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	.31753	2.9768	1.4320	2.6943	14.552	.6884	102.75	4136.9
Stddev	.00098	.0182	.0019	.0017	.037	.0023	.87	21.8
%RSD	.30859	.61063	.13311	.06287	.25449	.3327	.85031	.52701
#1	.31646	2.9657	1.4302	2.6957	14.510	.6869	102.64	4160.9
#2	.31839	2.9669	1.4340	2.6924	14.579	.6911	101.93	4131.8
#3	.31772	2.9978	1.4318	2.6948	14.568	.6874	103.67	4118.2

Sample Name: S5 Acquired: 5/7/2019 11:46:02 Type: Cal
 Method: P4-ICP2(v3098) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-375.32
Stddev	8.13
%RSD	2.1661

#1	-370.23
#2	-371.03
#3	-384.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.5	48657.	5460.7	77.959	3936.8
Stddev	12.4	182.	24.7	.565	7.3
%RSD	.31990	.37374	.45245	.72499	.18607

#1	3853.7	48517.	5465.0	78.500	3930.6
#2	3861.9	48862.	5482.9	78.004	3934.9
#3	3878.0	48592.	5434.1	77.373	3944.9

Sample Name: ICV01 Acquired: 5/7/2019 11:50:17 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98965	1.0401	.98720	.99465	.96490	2.4398	.48047	.47577
Stddev	.00783	.0042	.00549	.00281	.00346	.0236	.00433	.00096
%RSD	.79073	.40029	.55601	.28220	.35836	.96903	.90124	.20153
#1	.99475	1.0422	.98691	.99771	.96719	2.4136	.47552	.47477
#2	.99355	1.0428	.99283	.99404	.96659	2.4460	.48233	.47589
#3	.98064	1.0353	.98186	.99220	.96093	2.4596	.48355	.47667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48072	10.142	.49527	.48457	.50981	5.0345	.49907	F 5.6629
Stddev	.00044	.034	.00023	.00094	.00045	.0103	.00042	.0738
%RSD	.09194	.33646	.04595	.19463	.08779	.20398	.08477	1.3025
#1	.48023	10.103	.49523	.48383	.51032	5.0453	.49935	5.5819
#2	.48109	10.168	.49552	.48563	.50946	5.0248	.49927	5.6806
#3	.48084	10.154	.49507	.48424	.50966	5.0335	.49858	5.7262
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49084	.49678	9.6333	.48925	F .94355	9.6671	2.4698	2.4065
Stddev	.00151	.00132	.1104	.00064	.00114	.1059	.0072	.0205
%RSD	.30827	.26571	1.1463	.13074	.12094	1.0950	.28972	.85149
#1	.49019	.49675	9.5093	.48912	.94298	9.5504	2.4755	2.4110
#2	.49257	.49548	9.6699	.48868	.94486	9.7570	2.4720	2.3841
#3	.48977	.49812	9.7208	.48994	.94281	9.6938	2.4617	2.4243
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00958	2.4509	2.3824	2.4871	F .00163	F .0000	F .00615	F 2.0594
Stddev	.00409	.0186	.0095	.0072	.00204	.0017	.00018	.2469
%RSD	42.670	.75886	.39763	.29096	125.07	10280.	2.9682	11.991
#1	.01428	2.4722	2.3771	2.4906	-.00071	.0018	.00635	2.3419
#2	.00758	2.4379	2.3933	2.4919	.00257	-.0015	.00599	1.9517
#3	.00687	2.4426	2.3767	2.4788	.00305	-.0002	.00612	1.8846

Sample Name: ICV01 Acquired: 5/7/2019 11:50:17 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0593
Stddev .1860
%RSD 17.562

#1 1.2530
#2 .88202
#3 1.0429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.5	51687.	5531.0	81.252	4490.5
Stddev	18.1	90.	29.7	1.808	11.1
%RSD	.44141	.17318	.53647	2.2257	.24703

#1	4070.7	51789.	5497.1	81.536	4479.6
#2	4091.2	51622.	5543.3	79.318	4490.0
#3	4106.7	51650.	5552.5	82.901	4501.8

Sample Name: LLICV01 Acquired: 5/7/2019 11:56:59 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02208	.04463	.01279	.02319	.05380	.09923	.10722	.00660
Stddev	.00113	.00043	.00087	.00167	.00055	.00588	.00040	.00001
%RSD	5.1033	.95363	6.8139	7.2171	1.0160	5.9223	.37587	.22130
#1	.02267	.04442	.01337	.02511	.05442	.09606	.10704	.00660
#2	.02280	.04512	.01179	.02238	.05339	.09562	.10769	.00662
#3	.02078	.04435	.01321	.02208	.05360	.10601	.10694	.00659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	2.1812	.01054	.03049	.02219	.11137	.02301	2.0615
Stddev	.00005	.0295	.00034	.00012	.00012	.00067	.00010	.0265
%RSD	.78819	1.3531	3.2099	.39839	.55588	.60169	.42272	1.2862
#1	.00627	2.1527	.01077	.03056	.02221	.11084	.02300	2.0916
#2	.00633	2.1793	.01071	.03056	.02230	.11212	.02311	2.0419
#3	.00624	2.2117	.01015	.03035	.02206	.11114	.02291	2.0509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04228	.01071	2.0607	.04207	.03998	2.0613	.21896	.11424
Stddev	.00019	.00034	.0014	.00015	.00014	.0076	.00099	.00978
%RSD	.45077	3.1712	.06816	.36739	.34627	.36962	.45317	8.5566
#1	.04209	.01035	2.0611	.04219	.03984	2.0655	.21787	.10377
#2	.04229	.01077	2.0592	.04212	.04012	2.0525	.21921	.12312
#3	.04247	.01102	2.0619	.04190	.03998	2.0658	.21981	.11585
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02028	.42299	.03986	.04255	.01907	.0163	.02165	F 2.3202
Stddev	.00149	.00348	.00048	.00085	.00054	.0010	.00011	.2165
%RSD	7.3477	.82254	1.2112	1.9903	2.8199	6.228	.50510	9.3299
#1	.02004	.41920	.04034	.04351	.01903	.0174	.02156	2.2631
#2	.01893	.42371	.03937	.04190	.01856	.0162	.02161	2.5595
#3	.02188	.42605	.03988	.04225	.01963	.0154	.02177	2.1380

Sample Name: LLICV01 Acquired: 5/7/2019 11:56:59 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .92029
 Stddev .29340
 %RSD 31.881

#1 .61662
 #2 1.2022
 #3 .94206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.0	52313.	5587.4	83.747	4639.1
Stddev	3.4	152.	40.2	1.945	11.0
%RSD	.08177	.29127	.71945	2.3230	.23761

#1	4108.5	52462.	5633.3	83.950	4629.0
#2	4112.2	52157.	5558.3	81.708	4637.5
#3	4115.3	52319.	5570.7	85.583	4650.9

Sample Name: ICB01 Acquired: 5/7/2019 12:01:25 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00060	-.00143	.00083	-.00081	-.01460	.00020	.00002
Stddev	.00073	.00018	.00056	.00068	.00132	.00310	.00025	.00003
%RSD	43.444	29.618	39.121	81.412	163.96	21.239	125.23	213.70
#1	.00221	.00046	-.00207	.00028	-.00171	-.01556	.00006	.00001
#2	.00085	.00080	-.00101	.00158	-.00142	-.01113	.00049	.00005
#3	.00197	.00053	-.00121	.00063	.00071	-.01711	.00005	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00246	-.00068	-.00007	-.00048	-.00057	-.00004	-.01319
Stddev	.00005	.00647	.00017	.00015	.00020	.00034	.00004	.05010
%RSD	96.736	262.69	25.298	208.78	41.927	59.190	110.24	379.91
#1	.00010	-.00024	-.00072	-.00007	-.00070	-.00052	-.00000	-.02266
#2	.00001	.00985	-.00082	-.00022	-.00042	-.00093	-.00009	.04098
#3	.00004	-.00222	-.00049	.00008	-.00031	-.00026	-.00003	-.05788
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00002	-.07715	.00043	-.00164	-.02152	.00051	.00164
Stddev	.00017	.00031	.00864	.00025	.00011	.02907	.00015	.01041
%RSD	727.65	1649.2	11.199	58.514	6.5636	135.09	29.477	636.13
#1	-.00017	.00034	-.08649	.00034	-.00152	-.03597	.00065	-.00016
#2	-.00005	-.00019	-.06944	.00071	-.00168	.01194	.00036	-.00776
#3	.00016	-.00021	-.07553	.00024	-.00172	-.04054	.00051	.01283
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00037	-.00209	-.00011	-.00336	-.0016	-.00005	F 2.1837
Stddev	.00377	.00046	.00043	.00143	.00085	.0013	.00005	.2695
%RSD	279.17	122.34	20.676	1284.6	25.386	81.12	96.186	12.340
#1	-.00190	.00087	-.00173	-.00176	-.00415	-.0030	-.00004	2.2546
#2	.00047	.00028	-.00257	.00080	-.00246	-.0017	-.00011	2.4106
#3	.00549	-.00003	-.00196	.00062	-.00346	-.0003	-.00001	1.8859

Sample Name: ICB01 Acquired: 5/7/2019 12:01:25 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .99198
Stddev .20123
%RSD 20.286

#1 1.2216
#2 .84655
#3 .90775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.5	52507.	5581.1	84.467	4668.4
Stddev	3.5	117.	17.4	1.903	4.0
%RSD	.08624	.22268	.31165	2.2526	.08489

#1	4109.6	52393.	5578.4	86.425	4664.5
#2	4109.3	52626.	5599.7	84.350	4668.4
#3	4115.6	52501.	5565.3	82.625	4672.4

Sample Name: CRI01 Acquired: 5/7/2019 12:05:53 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02132	.04441	.01206	.02063	.05338	.10307	.10581	.00659
Stddev	.00141	.00134	.00089	.00153	.00056	.00034	.00040	.00008
%RSD	6.6147	3.0244	7.3725	7.4001	1.0570	.32719	.37684	1.2687
#1	.02071	.04330	.01107	.01911	.05399	.10295	.10535	.00651
#2	.02032	.04590	.01236	.02216	.05287	.10345	.10604	.00668
#3	.02293	.04402	.01277	.02062	.05329	.10281	.10604	.00658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	2.2026	.01041	.03052	.02213	.11168	.02295	2.0640
Stddev	.00005	.0082	.00016	.00013	.00013	.00014	.00009	.0285
%RSD	.78275	.37356	1.5240	.42105	.59303	.12526	.39572	1.3825
#1	.00617	2.1941	.01023	.03060	.02221	.11156	.02291	2.0449
#2	.00623	2.2030	.01045	.03038	.02221	.11164	.02306	2.0503
#3	.00627	2.2106	.01054	.03059	.02198	.11183	.02289	2.0968
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04188	.01057	2.0335	.04290	.03905	2.0850	.21897	.09816
Stddev	.00009	.00017	.0058	.00013	.00017	.0464	.00087	.00546
%RSD	.20357	1.5710	.28421	.30646	.44002	2.2240	.39746	5.5637
#1	.04190	.01054	2.0281	.04301	.03918	2.0324	.21798	.09241
#2	.04179	.01042	2.0328	.04292	.03886	2.1024	.21932	.09881
#3	.04196	.01075	2.0396	.04275	.03912	2.1201	.21962	.10328
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01871	.43111	.03818	.04252	.01834	.0175	.02169	F 1.8271
Stddev	.00222	.00444	.00010	.00111	.00079	.0005	.00013	.3082
%RSD	11.875	1.0294	.26168	2.6033	4.3165	2.972	.58162	16.871
#1	.01628	.42602	.03815	.04136	.01891	.0180	.02162	2.0038
#2	.01921	.43420	.03809	.04356	.01867	.0170	.02184	2.0063
#3	.02064	.43310	.03829	.04265	.01744	.0174	.02163	1.4711

Sample Name: CRI01 Acquired: 5/7/2019 12:05:53 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .58196
Stddev	.34854
%RSD	59.890

#1	.17952
#2	.78569
#3	.78068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.4	51986.	5484.1	82.244	4608.0
Stddev	6.9	114.	17.7	.827	4.7
%RSD	.16852	.21970	.32348	1.0054	.10241

#1	4083.6	52029.	5495.2	81.875	4603.3
#2	4097.3	52073.	5493.5	81.667	4607.8
#3	4090.2	51857.	5463.7	83.192	4612.8

Sample Name: ICSA01 Acquired: 5/7/2019 12:10:20 Type: Unk
 Method: P4-ICP2(v3098) 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	.01138	.00947	-.00966	-.00266	.00100	274.38	.00733	.00184
Stddev	.00233	.00192	.00075	.00170	.00075	1.60	.00046	.00002
%RSD	20.436	20.279	7.7897	63.807	74.578	.58198	6.2886	1.2310
#1	.01312	.01126	-.01015	-.00416	.00031	276.16	.00729	.00181
#2	.01229	.00744	-.01003	-.00301	.00179	273.91	.00781	.00184
#3	.00874	.00969	-.00879	-.00082	.00091	273.08	.00689	.00186
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	254.77	.04853	-.00050	.00077	97.943	.01491	277.69
Stddev	.00010	1.06	.00039	.00029	.00021	.244	.00009	.78
%RSD	3.3635	.41577	.80172	58.098	27.801	.24862	.59163	.28226
#1	-.00309	253.85	.04881	-.00065	.00057	98.085	.01491	278.46
#2	-.00290	254.54	.04809	-.00069	.00099	97.662	.01499	277.71
#3	-.00303	255.93	.04870	-.00017	.00074	98.083	.01482	276.90
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01439	-.00849	-.02765	.00272	-.01816	.02713	-.00367	.07486
Stddev	.00070	.00012	.00726	.00024	.00025	.02292	.00040	.01674
%RSD	4.8549	1.4151	26.256	8.6384	1.3508	84.477	10.761	22.361
#1	-.01371	-.00846	-.03581	.00265	-.01835	.02686	-.00410	.06916
#2	-.01435	-.00838	-.02522	.00299	-.01789	.00435	-.00333	.06172
#3	-.01510	-.00862	-.02191	.00254	-.01826	.05019	-.00358	.09371
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03377	-.00813	-.00200	-.00284	.01513	.0134	-.00312	5.6374
Stddev	.00346	.00250	.00119	.00013	.00167	.0024	.00024	.0411
%RSD	10.252	30.704	59.358	4.4153	11.043	18.20	7.8177	.72958
#1	.03561	-.01101	-.00119	-.00277	.01603	.0106	-.00310	5.6845
#2	.03593	-.00666	-.00145	-.00298	.01615	.0153	-.00288	5.6191
#3	.02978	-.00672	-.00337	-.00276	.01320	.0144	-.00337	5.6086

Sample Name: ICSA01 Acquired: 5/7/2019 12:10:20 Type: Unk
 Method: P4-ICP2(v3098) 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	.84572
%RSD	3.8846

#1	-21.282
#2	-22.747
#3	-21.283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.4	46016.	5300.0	76.086	3712.4
Stddev	8.6	146.	24.1	.526	4.3
%RSD	.23483	.31712	.45405	.69151	.11640

#1	3668.1	45857.	5321.4	75.624	3710.9
#2	3650.9	46048.	5304.7	76.659	3709.1
#3	3659.2	46144.	5274.0	75.976	3717.3

Sample Name: ICSAB01 Acquired: 5/7/2019 12:14:57 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11842	.11681	.04540	.04556	.63566	268.95	.55666
Stddev	.00071	.00085	.00057	.00091	.00114	2.17	.00497
%RSD	.59933	.72405	1.2481	1.9870	.17872	.80857	.89344

#1	.11905	.11647	.04475	.04459	.63609	266.44	.55105
#2	.11765	.11777	.04568	.04569	.63652	270.33	.56053
#3	.11857	.11618	.04577	.04639	.63437	270.07	.55841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55875	1.0351	245.49	.56922	.51451	.50050	96.210
Stddev	.00188	.0014	2.96	.00279	.00070	.00034	.606
%RSD	.33698	.13730	1.2040	.48928	.13564	.06857	.62977

#1	.55749	1.0349	242.08	.56650	.51407	.50029	95.856
#2	.56092	1.0338	247.36	.56909	.51415	.50032	95.865
#3	.55786	1.0366	247.03	.57206	.51531	.50090	96.910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53757	270.60	1.0029	.21030	-.01458	.52865	1.0791
Stddev	.00077	2.40	.0010	.00037	.00463	.00112	.0021
%RSD	.14381	.88577	.10460	.17543	31.777	.21256	.19305

#1	.53675	267.83	1.0020	.21061	-.01975	.52851	1.0789
#2	.53828	271.89	1.0027	.21039	-.01080	.52760	1.0771
#3	.53767	272.08	1.0040	.20989	-.01320	.52984	1.0812

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00772	1.0409	1.1421	F .03631	.94238	1.0457	1.0280
Stddev	.01589	.0029	.0203	.00251	.00390	.0022	.0138
%RSD	205.80	.27374	1.7781	6.9040	.41372	.21557	1.3382

#1	.00175	1.0423	1.1186	.03399	.93977	1.0463	1.0123
#2	-.02606	1.0376	1.1533	.03598	.94686	1.0433	1.0335
#3	.00115	1.0428	1.1543	.03897	.94051	1.0477	1.0382

Sample Name: ICSAB01 Acquired: 5/7/2019 12:14:57 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01140	F .0186	F -.00436	5.6115	<.00000
Stddev	.00175	.0011	.00138	.1114	.33644
%RSD	15.337	6.174	31.674	1.9859	1.5413
#1	.01338	.0199	-.00549	5.6018	-21.819
#2	.01006	.0177	-.00282	5.5052	-22.169
#3	.01077	.0182	-.00477	5.7275	-21.496
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.6	46219.	5398.7	76.770	3716.8
Stddev	6.7	58.	18.8	2.448	7.2
%RSD	.18223	.12617	.34815	3.1886	.19490
#1	3659.1	46275.	5420.2	79.526	3708.9
#2	3672.4	46222.	5385.5	74.848	3723.1
#3	3665.2	46158.	5390.3	75.935	3718.4

Sample Name: CCV01 Acquired: 5/7/2019 12:19:22 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9979	5.0498	4.9851	5.0284	4.9981	9.8232	10.018	.25181
Stddev	.0115	.0137	.0064	.0037	.0033	.0205	.040	.00003
%RSD	.23036	.27177	.12804	.07280	.06559	.20876	.39884	.01348
#1	5.0075	5.0342	4.9903	5.0325	4.9995	9.8435	10.038	.25184
#2	4.9852	5.0551	4.9870	5.0271	4.9943	9.8237	10.043	.25177
#3	5.0012	5.0601	4.9779	5.0255	5.0004	9.8025	9.9715	.25180
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4701	25.148	.99319	2.4921	1.2511	5.0289	2.5350	24.918
Stddev	.0043	.102	.00112	.0015	.0019	.0075	.0026	.074
%RSD	.17430	.40710	.11304	.06220	.14850	.14821	.10228	.29581
#1	2.4730	25.032	.99191	2.4929	1.2519	5.0277	2.5344	25.003
#2	2.4651	25.187	.99364	2.4903	1.2525	5.0369	2.5378	24.878
#3	2.4720	25.225	.99401	2.4932	1.2490	5.0221	2.5327	24.872
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4889	1.2428	24.918	2.4953	2.4927	24.958	5.0363	5.0151
Stddev	.0008	.0012	.103	.0059	.0034	.027	.0053	.0081
%RSD	.03044	.09425	.41327	.23655	.13548	.10894	.10632	.16182
#1	2.4887	1.2415	24.993	2.4894	2.4950	24.957	5.0388	5.0058
#2	2.4897	1.2431	24.960	2.5012	2.4888	24.986	5.0401	5.0190
#3	2.4882	1.2438	24.800	2.4952	2.4942	24.932	5.0302	5.0206
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9790	4.9483	4.9757	5.0111	4.8497	4.983	4.9995	F 4.3353
Stddev	.0051	.0431	.0095	.0283	.0283	.008	.0147	.0634
%RSD	.10197	.87087	.19085	.56404	.58430	.1617	.29382	1.4620
#1	4.9822	4.9083	4.9650	4.9802	4.8533	4.974	4.9926	4.2919
#2	4.9731	4.9426	4.9830	5.0357	4.8760	4.987	5.0164	4.4080
#3	4.9816	4.9939	4.9791	5.0174	4.8197	4.988	4.9895	4.3060

Sample Name: CCV01 Acquired: 5/7/2019 12:19:22 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8087
Stddev	.2832
%RSD	10.082

#1	2.7856
#2	2.5379
#3	3.1028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.6	50642.	5618.0	82.204	4188.1
Stddev	6.7	162.	18.5	.636	5.1
%RSD	.16739	.32076	.32970	.77408	.12245

#1	3982.2	50547.	5635.7	82.127	4183.0
#2	3985.5	50549.	5598.8	82.875	4188.0
#3	3995.0	50829.	5619.5	81.609	4193.3

Sample Name: LLCCV01 Acquired: 5/7/2019 12:23:21 Type: Unk
Method: P4-ICP2(v3098) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01995	.04522	.01299	.02051	.05306	.09475	.10752	.00663
Stddev	.00198	.00014	.00022	.00298	.00100	.00770	.00106	.00003
%RSD	9.9448	.31992	1.7064	14.530	1.8770	8.1277	.98275	.45342
#1	.01766	.04528	.01323	.02389	.05227	.09388	.10817	.00660
#2	.02107	.04506	.01295	.01825	.05273	.10286	.10808	.00664
#3	.02111	.04533	.01279	.01940	.05418	.08753	.10630	.00665
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	2.2014	.01062	.03036	.02231	.11149	.02325	2.0523
Stddev	.00010	.0095	.00020	.00012	.00037	.00038	.00005	.0324
%RSD	1.5805	.42994	1.8863	.40259	1.6450	.33946	.19681	1.5789
#1	.00633	2.2086	.01082	.03050	.02271	.11183	.02329	2.0517
#2	.00613	2.2050	.01062	.03028	.02225	.11108	.02324	2.0851
#3	.00621	2.1907	.01042	.03029	.02198	.11156	.02320	2.0203
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04173	.01061	2.0513	.04239	.03862	2.0897	.21896	.10667
Stddev	.00029	.00054	.0171	.00021	.00018	.0164	.00029	.01050
%RSD	.69541	5.1090	.83470	.49428	.47128	.78433	.13224	9.8449
#1	.04185	.01020	2.0565	.04264	.03881	2.0887	.21911	.09484
#2	.04140	.01042	2.0651	.04229	.03861	2.1066	.21863	.11491
#3	.04195	.01123	2.0321	.04225	.03844	2.0738	.21915	.11024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02033	.42203	.03847	.04060	.01719	.0162	.02186	F 2.8696
Stddev	.00297	.00386	.00053	.00070	.00143	.0011	.00015	.0705
%RSD	14.622	.91539	1.3700	1.7218	8.3101	6.686	.67046	2.4559
#1	.02374	.42481	.03908	.04062	.01812	.0174	.02170	2.9503
#2	.01823	.41762	.03824	.03988	.01555	.0156	.02188	2.8380
#3	.01904	.42365	.03810	.04128	.01791	.0155	.02199	2.8204

Sample Name: LLCCV01 Acquired: 5/7/2019 12:23:21 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2461
Stddev	.4858
%RSD	38.984

#1	.89949
#2	1.0374
#3	1.8013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.4	52229.	5569.4	85.725	4630.1
Stddev	8.9	209.	22.8	.797	5.6
%RSD	.21784	.39986	.40877	.92931	.12061

#1	4106.9	52276.	5568.4	86.542	4626.8
#2	4094.4	52000.	5592.7	85.683	4627.0
#3	4111.8	52410.	5547.2	84.950	4636.6

Sample Name: CCB01 Acquired: 5/7/2019 12:27:49 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00092	-.00119	.00315	-.00033	-.01227	.00072	.00003
Stddev	.00155	.00098	.00028	.00020	.00158	.00841	.00002	.00005
%RSD	148.99	106.11	23.733	6.2997	482.86	68.501	3.2971	200.03
#1	-.00074	.00164	-.00087	.00319	.00145	-.00835	.00075	.00008
#2	.00206	-.00019	-.00131	.00293	-.00158	-.02192	.00072	-.00002
#3	.00180	.00133	-.00139	.00332	-.00086	-.00654	.00070	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00328	-.00044	.00011	-.00033	-.00014	-.00003	-.01640
Stddev	.00005	.00712	.00041	.00010	.00043	.00068	.00003	.02928
%RSD	75.395	216.93	92.206	92.802	129.44	469.83	89.977	178.60
#1	.00004	-.00194	-.00027	.00017	-.00083	.00044	.00000	-.00652
#2	.00012	.00039	-.00091	.00015	-.00013	.00001	-.00006	.00667
#3	.00003	.01139	-.00015	-.00001	-.00004	-.00089	-.00005	-.04934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00021	-.10374	-.00004	-.00199	-.05234	.00013	.01254
Stddev	.00010	.00017	.00193	.00017	.00009	.02649	.00020	.00202
%RSD	69.512	83.304	1.8563	481.26	4.4504	50.611	151.83	16.096
#1	-.00003	-.00005	-.10300	.00016	-.00190	-.02659	.00014	.01379
#2	-.00019	-.00018	-.10592	-.00019	-.00207	-.05091	.00033	.01021
#3	-.00021	-.00040	-.10229	-.00008	-.00202	-.07951	-.00007	.01363
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	.00117	-.00248	.00097	-.00362	-.0018	-.00007	F 2.3213
Stddev	.00209	.00277	.00025	.00146	.00023	.0007	.00004	.0783
%RSD	176.90	237.71	9.8828	150.60	6.3834	39.24	60.726	3.3743
#1	-.00252	-.00115	-.00274	-.00022	-.00383	-.0011	-.00005	2.2645
#2	-.00225	.00040	-.00246	.00052	-.00337	-.0025	-.00012	2.4106
#3	.00123	.00424	-.00225	.00260	-.00367	-.0018	-.00005	2.2887

Sample Name: CCB01 Acquired: 5/7/2019 12:27:49 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .81497
Stddev .51391
%RSD 63.059

#1 1.0305
#2 .22839
#3 1.1860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4113.0	52417.	5514.0	82.808	4673.3
Stddev	8.1	68.	6.6	1.830	3.6
%RSD	.19632	.12953	.12052	2.2096	.07747

#1	4109.0	52443.	5511.8	84.850	4675.2
#2	4107.7	52468.	5508.6	82.258	4669.1
#3	4122.3	52340.	5521.4	81.317	4675.5

Sample Name: PB119501BL Acquired: 5/7/2019 12:31:48 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00060	-.00057	.00101	-.00053	-.00856	.00030	-.00008
Stddev	.00328	.00027	.00088	.00153	.00171	.00604	.00043	.00004
%RSD	4311.5	45.565	153.00	151.79	322.70	70.618	141.53	51.483
#1	.00329	.00033	.00041	.00272	.00144	-.01148	.00053	-.00008
#2	-.00026	.00088	-.00087	-.00025	-.00139	-.01258	-.00019	-.00003
#3	-.00326	.00058	-.00126	.00057	-.00164	-.00161	.00056	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00059	-.00053	.00012	-.00073	-.00005	-.00002	.02940
Stddev	.00006	.00839	.00032	.00016	.00033	.00015	.00003	.03449
%RSD	317.88	1433.2	59.964	142.79	45.590	283.94	148.25	117.32
#1	-.00000	.00421	-.00018	-.00007	-.00112	-.00019	-.00003	.02412
#2	.00009	.00431	-.00080	.00024	-.00054	.00011	-.00005	-.00215
#3	-.00003	-.01028	-.00060	.00018	-.00054	-.00009	.00002	.06623
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00030	-.09310	.00018	-.00192	-.05215	.00020	-.00683
Stddev	.00015	.00055	.00263	.00040	.00007	.01294	.00005	.00785
%RSD	209.30	185.63	2.8291	218.64	3.6272	24.815	24.529	114.87
#1	-.00007	-.00031	-.09430	.00065	-.00190	-.05802	.00021	-.01387
#2	.00007	-.00084	-.09492	-.00007	-.00186	-.06111	.00024	.00163
#3	-.00022	.00026	-.09008	-.00003	-.00200	-.03731	.00014	-.00826
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00039	-.00256	-.00044	-.00462	-.0012	.00000	F 1.9184
Stddev	.00148	.00229	.00028	.00184	.00087	.0008	.00001	.3684
%RSD	192.82	589.80	10.775	421.41	18.870	66.36	176.68	19.203
#1	-.00056	.00094	-.00226	-.00255	-.00381	-.0017	.00001	1.6418
#2	.00060	-.00213	-.00261	.00049	-.00554	-.0015	.00000	2.3366
#3	-.00235	.00235	-.00281	.00076	-.00450	-.0003	-.00000	1.7768

Sample Name: PB119501BL Acquired: 5/7/2019 12:31:48 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .96839
Stddev	.59430
%RSD	61.370

#1	.94121
#2	1.5758
#3	.38815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4147.1	52911.	5542.1	83.486	4711.9
Stddev	8.9	122.	37.6	1.400	7.1
%RSD	.21362	.23060	.67925	1.6774	.15047

#1	4152.1	53048.	5543.7	82.400	4719.3
#2	4136.9	52813.	5503.7	85.067	4705.2
#3	4152.4	52873.	5579.0	82.992	4711.1

Sample Name: PB119501BS Acquired: 5/7/2019 12:36:18 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77641	2.0467	.99786	1.9728	.79370	1.9253	.20126
Stddev	.00040	.0098	.00184	.0066	.00199	.0074	.00042
%RSD	.05116	.47856	.18442	.33525	.25099	.38526	.20945

#1	.77668	2.0357	.99873	1.9677	.79580	1.9303	.20149
#2	.77595	2.0544	.99911	1.9705	.79345	1.9288	.20151
#3	.77659	2.0500	.99575	1.9803	.79184	1.9168	.20077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19668	.19456	1.0752	.41841	.20177	.32050	3.2023
Stddev	.00051	.00039	.0060	.00140	.00025	.00098	.0024
%RSD	.25909	.20159	.56142	.33478	.12364	.30422	.07392

#1	.19610	.19433	1.0709	.41691	.20166	.31975	3.2001
#2	.19709	.19501	1.0727	.41864	.20159	.32161	3.2020
#3	.19684	.19434	1.0821	.41968	.20205	.32015	3.2048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21369	1.9423	.50265	.07150	2.9628	.31438	.19240
Stddev	.00094	.0640	.00041	.00045	.0094	.00085	.00080
%RSD	.43860	3.2963	.08230	.63578	.31580	.26944	.41411

#1	.21267	1.9668	.50274	.07101	2.9606	.31340	.19194
#2	.21452	1.8696	.50220	.07159	2.9731	.31487	.19332
#3	.21387	1.9904	.50301	.07191	2.9548	.31486	.19195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9517	.41066	.29780	F 1.6585	.91271	.67271	.20001
Stddev	.0318	.00155	.00882	.0168	.00210	.00071	.00066
%RSD	.31901	.37795	2.9613	1.0118	.23049	.10495	.33090

#1	9.9151	.40986	.30400	1.6393	.91126	.67320	.20077
#2	9.9719	.41245	.28771	1.6658	.91176	.67190	.19974
#3	9.9680	.40968	.30171	1.6704	.91513	.67303	.19953

Sample Name: PB119501BS Acquired: 5/7/2019 12:36:18 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20046	F 5.344	.20300	F 3.4524	F<.00000
Stddev	.00123	.005	.00024	.2544	.21418
%RSD	.61273	.1013	.12038	7.3687	11.724

#1	.19940	5.338	.20276	3.2105	-1.9139
#2	.20019	5.348	.20324	3.7177	-1.9838
#3	.20181	5.346	.20300	3.4290	-1.5828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.0	52061.	5493.3	81.969	4533.3
Stddev	15.7	87.	4.5	.922	17.5
%RSD	.38852	.16646	.08275	1.1248	.38676

#1	4034.7	52006.	5498.4	80.908	4521.7
#2	4041.4	52161.	5489.9	82.575	4524.7
#3	4064.7	52016.	5491.4	82.425	4553.4

Sample Name: PB119507BL Acquired: 5/7/2019 12:40:28 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119507BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	.00118	-.00049	.00134	-.00024	-.00035	.00062	.00007
Stddev	.00317	.00072	.00007	.00241	.00208	.00460	.00017	.00001
%RSD	134.23	61.610	15.179	180.74	863.50	1316.9	27.336	14.037
#1	-.00077	.00199	-.00050	.00355	-.00249	-.00082	.00067	.00006
#2	-.00600	.00061	-.00055	.00170	.00016	-.00470	.00075	.00006
#3	-.00030	.00093	-.00041	-.00124	.00160	.00447	.00043	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00289	-.00045	-.00001	-.00033	-.00020	.00001	-.01231
Stddev	.00001	.02630	.00024	.00006	.00019	.00064	.00007	.01749
%RSD	17.405	908.75	53.578	534.65	57.059	315.97	1387.5	142.06
#1	.00006	.02744	-.00071	-.00007	-.00014	-.00043	-.00005	.00784
#2	.00009	-.01941	-.00042	.00005	-.00033	-.00069	-.00002	-.02127
#3	.00008	-.01671	-.00023	-.00001	-.00051	.00052	.00009	-.02352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00035	-.09535	.00043	-.00183	-.06751	-.00003	-.00658
Stddev	.00009	.00033	.00643	.00010	.00004	.02193	.00001	.00876
%RSD	281.60	94.091	6.7487	23.645	2.0476	32.484	42.595	133.04
#1	-.00006	-.00018	-.10250	.00043	-.00180	-.04733	-.00002	-.01106
#2	.00011	-.00073	-.09003	.00033	-.00182	-.09085	-.00004	.00351
#3	.00005	-.00014	-.09351	.00053	-.00187	-.06434	-.00004	-.01219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00241	-.00278	.00079	-.00273	-.0021	.00001	F 3.1544
Stddev	.00614	.00189	.00048	.00206	.00068	.0002	.00005	.1078
%RSD	485.57	78.497	17.275	261.20	24.781	11.71	427.18	3.4162
#1	-.00057	-.00075	-.00327	.00117	-.00195	-.0024	.00003	3.2786
#2	.00811	-.00201	-.00276	.00263	-.00316	-.0020	-.00005	3.0981
#3	-.00375	-.00447	-.00231	-.00144	-.00309	-.0019	.00005	3.0865

Sample Name: PB119507BL Acquired: 5/7/2019 12:40:28 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119507BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2422
Stddev	.4884
%RSD	39.318

#1	1.3438
#2	1.6718
#3	.71098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4099.7	52495.	5467.9	84.611	4653.1
Stddev	8.9	167.	22.1	1.158	12.3
%RSD	.21592	.31844	.40402	1.3691	.26429

#1	4090.7	52579.	5442.6	83.542	4638.9
#2	4108.4	52303.	5483.4	84.450	4660.2
#3	4100.0	52603.	5477.6	85.842	4660.1

Sample Name: PB119507BS Acquired: 5/7/2019 12:44:57 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119507BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75299	1.9708	.96205	1.9004	.75741	1.8517	.19457
Stddev	.00298	.0057	.00507	.0053	.00318	.0164	.00073
%RSD	.39634	.28838	.52655	.27872	.42034	.88817	.37306

#1	.75155	1.9768	.95647	1.9030	.75835	1.8604	.19460
#2	.75100	1.9702	.96333	1.8943	.75387	1.8328	.19383
#3	.75643	1.9655	.96635	1.9039	.76003	1.8621	.19528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18809	.18727	1.0510	.40550	.19567	.30868	3.0935
Stddev	.00130	.00055	.0030	.00101	.00008	.00074	.0117
%RSD	.68853	.29269	.28469	.24791	.04219	.23947	.37717

#1	.18932	.18671	1.0485	.40641	.19577	.30867	3.1039
#2	.18674	.18730	1.0543	.40568	.19562	.30794	3.0809
#3	.18822	.18781	1.0502	.40442	.19563	.30942	3.0956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20653	1.8642	.48832	.06825	2.8600	.30598	.18802
Stddev	.00090	.0466	.00136	.00080	.0017	.00193	.00064
%RSD	.43636	2.5009	.27924	1.1716	.06049	.63118	.33801

#1	.20737	1.8542	.48683	.06803	2.8585	.30620	.18734
#2	.20558	1.8234	.48951	.06758	2.8619	.30395	.18814
#3	.20663	1.9150	.48861	.06913	2.8597	.30779	.18859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6332	.39811	.26831	F .60677	.88091	.64180	.19485
Stddev	.0243	.00161	.00610	.00452	.00807	.00398	.00259
%RSD	.25259	.40515	2.2719	.74519	.91640	.61986	1.3299

#1	9.6147	.39968	.27406	.60294	.87239	.63737	.19293
#2	9.6608	.39818	.26896	.60562	.88190	.64296	.19780
#3	9.6240	.39646	.26192	.61176	.88844	.64507	.19383

Sample Name: PB119507BS Acquired: 5/7/2019 12:44:57 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119507BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19360	5.142	.19704	F 3.4915	F<.00000
Stddev	.00049	.007	.00078	.2629	.39742
%RSD	.25377	.1344	.39350	7.5294	21.026

#1	.19416	5.136	.19615	3.7834	-2.3463
#2	.19326	5.140	.19742	3.2734	-1.6187
#3	.19337	5.149	.19755	3.4177	-1.7054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.8	52370.	5496.5	84.628	4550.1
Stddev	12.9	199.	15.1	.829	11.3
%RSD	.31697	.38013	.27408	.97909	.24887

#1	4040.1	52141.	5513.9	84.858	4551.0
#2	4060.1	52498.	5487.0	85.317	4538.3
#3	4064.1	52471.	5488.8	83.708	4560.9

Sample Name: K2682-01 Acquired: 5/7/2019 12:49:03 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001M-WILLETS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00338	.00179	.06759	.00310	-.00119	2.0260	.09692	.00033
Stddev	.00261	.00042	.00076	.00178	.00091	.0162	.00060	.00006
%RSD	77.405	23.400	1.1172	57.533	76.192	.80178	.62111	16.970

#1	.00581	.00169	.06835	.00149	-.00221	2.0074	.09762	.00030
#2	.00061	.00225	.06758	.00502	-.00088	2.0372	.09656	.00039
#3	.00371	.00143	.06684	.00279	-.00048	2.0335	.09659	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	106.43	.00622	.00276	.05482	12.896	.36030	9.4459
Stddev	.00010	.52	.00028	.00015	.00021	.035	.00113	.0704
%RSD	50.872	.48968	4.5107	5.5292	.38739	.27218	.31321	.74515

#1	-.00024	105.84	.00635	.00279	.05474	12.880	.36044	9.4452
#2	-.00029	106.63	.00590	.00289	.05466	12.872	.35911	9.3759
#3	-.00009	106.83	.00641	.00259	.05506	12.937	.36136	9.5167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00687	-.00121	304.59	.00691	.47215	11.221	.00206	.05593
Stddev	.00031	.00025	1.40	.00064	.00087	.042	.00028	.01125
%RSD	4.4763	20.384	.45983	9.3197	.18497	.37582	13.447	20.117

#1	.00676	-.00146	304.91	.00626	.47285	11.270	.00214	.06041
#2	.00662	-.00119	305.81	.00755	.47117	11.191	.00175	.06424
#3	.00721	-.00097	303.06	.00692	.47242	11.203	.00228	.04312

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4906	9.0369	-.00373	.08727	.01488	1.717	.42181	4.4587
Stddev	.0103	.0406	.00022	.00036	.00072	.006	.00254	.2483
%RSD	.23031	.44872	5.9092	.41590	4.8251	.3788	.60151	5.5689

#1	4.5011	8.9907	-.00389	.08766	.01567	1.724	.41919	4.3426
#2	4.4804	9.0534	-.00348	.08694	.01468	1.718	.42199	4.2897
#3	4.4902	9.0666	-.00382	.08720	.01427	1.711	.42425	4.7438

Sample Name: K2682-01 Acquired: 5/7/2019 12:49:03 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001M-WILLETS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7308
 Stddev .5939
 %RSD 10.363

#1 6.2729
 #2 5.0960
 #3 5.8236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3937.6	50059.	5751.7	83.919	4084.6
Stddev	7.2	59.	38.5	.622	9.4
%RSD	.18313	.11726	.66972	.74153	.23021

#1	3942.8	50123.	5795.7	83.866	4088.4
#2	3940.7	50008.	5735.7	84.566	4091.4
#3	3929.4	50046.	5723.8	83.325	4073.9

Sample Name: K2682-02 Acquired: 5/7/2019 12:53:29 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.00131	.03573	.00479	-.00242	.90070	.06589	.00022
Stddev	.00206	.00086	.00165	.00138	.00046	.01118	.00038	.00003
%RSD	417.71	65.807	4.6295	28.689	18.809	1.2411	.58154	15.856
#1	.00243	.00037	.03469	.00638	-.00293	.89270	.06603	.00018
#2	.00071	.00149	.03764	.00389	-.00230	.89593	.06619	.00022
#3	-.00167	.00206	.03486	.00411	-.00204	.91348	.06546	.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	97.399	.00318	.00174	.02918	8.0045	.28264	7.3377
Stddev	.00007	.581	.00063	.00014	.00044	.0146	.00002	.0396
%RSD	25.913	.59688	19.739	8.2291	1.4982	.18209	.00767	.54023
#1	-.00020	97.395	.00359	.00158	.02893	8.0129	.28267	7.3281
#2	-.00032	96.820	.00350	.00182	.02893	8.0130	.28263	7.3038
#3	-.00033	97.983	.00246	.00183	.02968	7.9877	.28263	7.3813
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	-.00163	284.36	.00386	.28460	10.601	.00227	.04433
Stddev	.00041	.00025	2.80	.00016	.00007	.065	.00022	.01547
%RSD	8.1620	15.360	.98411	4.1834	.02603	.60908	9.7894	34.894
#1	.00507	-.00180	282.40	.00387	.28468	10.545	.00211	.03884
#2	.00537	-.00175	287.57	.00401	.28458	10.672	.00252	.06180
#3	.00457	-.00134	283.12	.00369	.28453	10.586	.00216	.03236
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6309	7.3849	-.00568	.03492	.01470	1.315	.39562	3.8941
Stddev	.0156	.0461	.00050	.00055	.00026	.003	.00263	.1226
%RSD	.27736	.62380	8.8265	1.5655	1.7854	.2611	.66367	3.1474
#1	5.6170	7.4262	-.00571	.03456	.01489	1.313	.39477	3.7939
#2	5.6280	7.3352	-.00617	.03466	.01440	1.313	.39352	3.8578
#3	5.6478	7.3933	-.00517	.03555	.01481	1.319	.39856	4.0308

Sample Name: K2682-02 Acquired: 5/7/2019 12:53:29 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5558
Stddev	.3371
%RSD	6.0681

#1	5.6357
#2	5.1859
#3	5.8459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.0	49598.	5650.7	83.611	4108.1
Stddev	12.4	154.	47.1	2.758	6.3
%RSD	.31613	.31081	.83308	3.2989	.15344

#1	3948.8	49466.	5602.1	83.234	4114.3
#2	3931.6	49562.	5696.1	81.062	4108.3
#3	3924.6	49768.	5653.8	86.539	4101.7

Sample Name: K2686-01 Acquired: 5/7/2019 12:57:58 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	.00092	.00077	-.00135	.00009	.09985	.00160	.00003
Stddev	.00162	.00047	.00027	.00058	.00056	.01015	.00041	.00004
%RSD	112.73	50.936	34.949	43.110	633.69	10.167	25.437	138.41

#1	.00001	.00117	.00058	-.00199	-.00052	.10799	.00113	.00007
#2	-.00113	.00038	.00065	-.00120	.00058	.10308	.00184	.00001
#3	-.00318	.00121	.00108	-.00085	.00021	.08847	.00183	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.14906	.00102	.00001	.01808	.33292	.00345	-.01349
Stddev	.00003	.00750	.00024	.00007	.00023	.00165	.00003	.01887
%RSD	27.770	5.0308	23.671	810.20	1.2957	.49629	.97536	139.83

#1	.00007	.14127	.00076	.00000	.01834	.33123	.00348	.00544
#2	.00009	.15623	.00123	-.00006	.01801	.33454	.00342	-.01363
#3	.00013	.14969	.00108	.00008	.01789	.33300	.00346	-.03229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	-.00008	.24126	-.00006	.08675	.16232	.00008	.10637
Stddev	.00020	.00038	.00877	.00008	.00009	.02127	.00009	.00387
%RSD	6.7569	465.74	3.6344	137.44	.10336	13.104	112.70	3.6353

#1	.00295	-.00030	.24179	-.00009	.08675	.14223	.00003	.10480
#2	.00316	-.00030	.23224	-.00013	.08684	.16012	.00019	.11077
#3	.00276	.00036	.24976	.00003	.08666	.18460	.00003	.10354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02466	3.3432	-.00464	.00061	-.00698	.0033	.00001	.93467
Stddev	.00264	.0433	.00014	.00204	.00203	.0009	.00003	.24698
%RSD	10.727	1.2958	3.0492	336.11	29.091	28.34	233.42	26.424

#1	.02286	3.3157	-.00478	.00297	-.00932	.0036	-.00002	.91504
#2	.02769	3.3931	-.00464	-.00054	-.00600	.0042	.00004	.69809
#3	.02341	3.3207	-.00450	-.00060	-.00562	.0023	.00002	1.1909

Sample Name: K2686-01 Acquired: 5/7/2019 12:57:58 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1607
Stddev	.3317
%RSD	28.580

#1	1.2188
#2	1.4596
#3	.80379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4311.8	55238.	5861.5	89.117	4959.5
Stddev	5.5	113.	36.3	1.755	2.9
%RSD	.12665	.20543	.61868	1.9692	.05889

#1	4310.9	55116.	5889.4	90.842	4959.9
#2	4317.7	55340.	5820.5	89.175	4962.2
#3	4306.8	55260.	5874.7	87.333	4956.4

Sample Name: K2686-01DUP Acquired: 5/7/2019 13:02:22 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.00084	-.00045	-.00051	-.00257	.09545	.00177	.00004
Stddev	.00158	.00052	.00089	.00118	.00064	.00795	.00053	.00006
%RSD	101.65	61.992	199.16	230.50	24.840	8.3269	30.149	134.44

#1	-.00306	.00026	-.00136	-.00163	-.00256	.09114	.00225	.00005
#2	.00009	.00101	-.00040	.00073	-.00194	.10462	.00119	.00009
#3	-.00170	.00125	.00042	-.00064	-.00322	.09057	.00187	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.13156	.00115	.00010	.01804	.33130	.00345	.01213
Stddev	.00001	.01113	.00011	.00015	.00029	.00301	.00005	.04589
%RSD	18.148	8.4581	9.4056	145.17	1.6349	.90742	1.3663	378.43

#1	.00009	.12450	.00103	.00020	.01830	.33205	.00340	-.03072
#2	.00006	.12580	.00124	-.00007	.01772	.32798	.00346	.00655
#3	.00008	.14439	.00117	.00017	.01809	.33385	.00350	.06055

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	-.00036	.19327	.00019	.08677	.17508	.00032	.10097
Stddev	.00029	.00063	.00719	.00018	.00014	.01409	.00019	.01118
%RSD	10.457	175.49	3.7207	95.497	.15634	8.0449	58.143	11.073

#1	.00265	-.00010	.19624	.00036	.08684	.18170	.00033	.08991
#2	.00259	.00010	.18507	.00020	.08686	.15891	.00050	.10075
#3	.00312	-.00108	.19850	.00000	.08662	.18464	.00013	.11226

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02150	3.3485	-.00486	.00089	-.00731	.0018	-.00004	.67973
Stddev	.00093	.0149	.00052	.00078	.00141	.0011	.00004	.16953
%RSD	4.3380	.44591	10.796	87.567	19.327	57.28	82.725	24.941

#1	.02151	3.3614	-.00432	.00021	-.00574	.0027	-.00008	.48861
#2	.02243	3.3322	-.00537	.00071	-.00773	.0007	-.00005	.81198
#3	.02056	3.3519	-.00487	.00174	-.00847	.0021	-.00001	.73861

Sample Name: K2686-01DUP Acquired: 5/7/2019 13:02:22 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.56117
Stddev	.17845
%RSD	31.799

#1	.57736
#2	.73097
#3	.37518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.3	55186.	5844.1	88.897	4964.9
Stddev	10.3	84.	28.2	.256	4.0
%RSD	.23822	.15184	.48176	.28807	.08109

#1	4322.5	55091.	5815.7	88.625	4967.6
#2	4317.7	55247.	5872.0	88.933	4960.3
#3	4302.8	55221.	5844.7	89.133	4966.9

Sample Name: K2686-01LX5 Acquired: 5/7/2019 13:06:47 Type: Unk
Method: P4-ICP2(v3098) 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	-.00255	-.00031	.00026	-.00072	-.00165	.01815	.00044	.00003
Stddev	.00172	.00075	.00040	.00257	.00133	.00192	.00019	.00007
%RSD	67.449	241.15	157.35	355.49	80.599	10.587	42.130	219.48

#1	-.00057	.00008	.00023	.00215	-.00078	.01936	.00037	.00006
#2	-.00367	-.00117	.00067	-.00281	-.00099	.01593	.00066	.00009
#3	-.00340	.00016	-.00013	-.00151	-.00319	.01915	.00031	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02917	-.00024	.00018	.00353	.07067	.00069	.02584
Stddev	.00008	.00849	.00034	.00015	.00029	.00026	.00001	.02210
%RSD	142.34	29.126	140.51	81.022	8.1272	.36527	1.2678	85.524

#1	-.00001	.02166	-.00043	.00002	.00386	.07079	.00068	.04987
#2	.00014	.03839	.00015	.00021	.00341	.07085	.00069	.02124
#3	.00003	.02745	-.00044	.00031	.00332	.07037	.00069	.00640

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00042	.01876	.00036	.01802	.02920	.00002	.02087
Stddev	.00028	.00012	.00805	.00013	.00015	.02684	.00011	.00593
%RSD	50.590	28.597	42.919	36.270	.80711	91.911	628.47	28.396

#1	.00068	-.00029	.02150	.00025	.01792	.01553	.00013	.01788
#2	.00024	-.00046	.02508	.00033	.01819	.06011	.00003	.02770
#3	.00077	-.00052	.00970	.00051	.01795	.01195	-.00010	.01704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00711	.71755	-.00420	.00077	-.00224	-.0008	-.00008	2.1314
Stddev	.00167	.00655	.00052	.00071	.00197	.0018	.00002	.2102
%RSD	23.448	.91253	12.429	92.338	88.102	220.9	22.306	9.8640

#1	.00656	.72269	-.00361	.00106	-.00049	-.0019	-.00009	1.9926
#2	.00899	.71018	-.00438	.00130	-.00184	-.0019	-.00006	2.3733
#3	.00579	.71977	-.00461	-.00004	-.00437	.0013	-.00009	2.0283

Sample Name: K2686-01LX5 Acquired: 5/7/2019 13:06:47 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .86347
 Stddev .08444
 %RSD 9.7786

#1 .90089
 #2 .92273
 #3 .76679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.8	52572.	5581.0	83.756	4682.8
Stddev	5.8	98.	21.3	.626	7.2
%RSD	.13910	.18699	.38104	.74684	.15448

#1	4128.6	52491.	5558.8	84.125	4674.6
#2	4140.0	52545.	5583.2	83.033	4685.6
#3	4135.7	52681.	5601.1	84.108	4688.2

Sample Name: K2686-01MS Acquired: 5/7/2019 13:11:14 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76174	2.0145	.97381	1.9786	.75259	1.9995	.19643
Stddev	.00766	.0089	.00436	.0083	.00330	.0255	.00331
%RSD	1.0062	.44446	.44806	.42150	.43912	1.2738	1.6836

#1	.75302	2.0042	.96878	1.9703	.74887	1.9704	.19308
#2	.76479	2.0204	.97605	1.9870	.75373	2.0106	.19653
#3	.76742	2.0189	.97659	1.9787	.75518	2.0176	.19969

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19908	.19079	1.1668	.41078	.19463	.33701	3.3155
Stddev	.00194	.00057	.0146	.00444	.00066	.00130	.0352
%RSD	.97359	.29728	1.2501	1.0816	.33874	.38531	1.0633

#1	.19763	.19015	1.1702	.40639	.19390	.33554	3.2882
#2	.20128	.19123	1.1794	.41527	.19518	.33800	3.3553
#3	.19833	.19098	1.1508	.41066	.19480	.33749	3.3031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21060	1.9712	.49287	.07114	3.1496	.30499	.27813
Stddev	.00183	.0429	.00282	.00096	.0406	.00314	.00121
%RSD	.86815	2.1741	.57177	1.3487	1.2904	1.0299	.43374

#1	.20905	1.9251	.48978	.07062	3.1030	.30188	.27678
#2	.21262	1.9787	.49354	.07225	3.1678	.30816	.27909
#3	.21012	2.0098	.49530	.07055	3.1779	.30494	.27853

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9560	.38480	.39822	.01501	4.1263	.62648	.18823
Stddev	.1686	.00157	.00810	.00121	.0506	.00288	.00307
%RSD	1.6933	.40752	2.0351	8.0436	1.2272	.45919	1.6287

#1	9.7728	.38301	.39029	.01435	4.1586	.62318	.18724
#2	9.9906	.38594	.40648	.01428	4.1523	.62845	.18578
#3	10.105	.38546	.39790	.01641	4.0679	.62782	.19166

Sample Name: K2686-01MS Acquired: 5/7/2019 13:11:14 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19049	5.189	.19473	1.7901	F<.00000
Stddev	.00100	.016	.00068	.1305	.22326
%RSD	.52565	.3093	.34973	7.2898	12.780

#1	.18952	5.171	.19538	1.6447	-1.4938
#2	.19043	5.202	.19402	1.8971	-1.8313
#3	.19152	5.194	.19477	1.8285	-1.9157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4271.7	54515.	5815.3	87.244	4820.9
Stddev	15.4	518.	45.2	1.226	19.3
%RSD	.35945	.95010	.77804	1.4047	.40101

#1	4288.5	55106.	5769.2	87.858	4842.4
#2	4268.3	54141.	5817.1	88.042	4815.3
#3	4258.4	54298.	5859.6	85.833	4805.0

Sample Name: CCV02 Acquired: 5/7/2019 13:15:21 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14924 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0275	5.1192	5.0082	5.0552	5.0194	9.9069	9.9791	.25567
Stddev	.0084	.0096	.0022	.0111	.0049	.0407	.2211	.00047
%RSD	.16641	.18764	.04461	.22011	.09719	.41091	2.2152	.18459
#1	5.0365	5.1200	5.0107	5.0680	5.0243	9.9373	10.131	.25514
#2	5.0259	5.1092	5.0076	5.0482	5.0145	9.8607	9.7256	.25604
#3	5.0200	5.1284	5.0064	5.0495	5.0194	9.9228	10.081	.25584
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4989	25.361	1.0137	2.5135	1.2652	5.1036	2.5726	25.006
Stddev	.0033	.398	.0019	.0006	.0017	.0076	.0033	.126
%RSD	.13196	1.5697	.19014	.02580	.13204	.14787	.12961	.50368
#1	2.5017	25.457	1.0147	2.5139	1.2636	5.1018	2.5713	24.932
#2	2.4953	24.923	1.0115	2.5138	1.2650	5.1118	2.5764	24.935
#3	2.4996	25.702	1.0149	2.5127	1.2669	5.0970	2.5701	25.152
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5234	1.2614	25.136	2.5455	2.5127	25.235	5.0840	5.0466
Stddev	.0008	.0021	.076	.0038	.0029	.043	.0050	.0406
%RSD	.03159	.16524	.30355	.15047	.11645	.17027	.09887	.80403
#1	2.5225	1.2630	25.211	2.5456	2.5161	25.206	5.0878	5.0744
#2	2.5239	1.2623	25.058	2.5493	2.5110	25.213	5.0858	5.0001
#3	2.5237	1.2591	25.139	2.5417	2.5110	25.284	5.0783	5.0655
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0005	4.9770	5.0408	5.0666	4.9362	5.099	5.0488	4.6081
Stddev	.0152	.0517	.0131	.0839	.0822	.016	.0892	.1486
%RSD	.30326	1.0388	.26021	1.6561	1.6646	.3119	1.7659	3.2254
#1	5.0178	5.0254	5.0558	5.1113	4.9993	5.117	5.1170	4.4386
#2	4.9945	4.9226	5.0318	4.9698	4.8432	5.093	4.9479	4.6696
#3	4.9893	4.9831	5.0347	5.1187	4.9660	5.088	5.0816	4.7161

Sample Name: CCV02 Acquired: 5/7/2019 13:15:21 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14924 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2561
Stddev	.4454
%RSD	19.740

#1	2.7680
#2	2.0424
#3	1.9578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.6	49438.	5485.4	79.380	4107.0
Stddev	3.1	163.	83.8	3.302	1.5
%RSD	.07865	.32935	1.5281	4.1599	.03558

#1	3912.6	49250.	5416.3	77.562	4105.7
#2	3909.5	49543.	5578.6	83.192	4106.6
#3	3915.6	49520.	5461.2	77.387	4108.6

Sample Name: CCB02 Acquired: 5/7/2019 13:19:22 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00169	-.00054	-.00052	-.00033	.00328	.00095	.00003
Stddev	.00102	.00072	.00043	.00188	.00101	.00150	.00010	.00006
%RSD	153.68	42.783	79.968	360.94	303.13	45.739	10.232	173.20
#1	-.00117	.00242	-.00091	.00142	.00031	.00479	.00087	-.00003
#2	.00051	.00097	-.00066	-.00066	-.00150	.00327	.00093	.00008
#3	-.00133	.00167	-.00006	-.00232	.00019	.00179	.00106	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01432	-.00036	.00024	-.00039	-.00021	-.00002	-.01339
Stddev	.00003	.00796	.00045	.00013	.00014	.00043	.00000	.04109
%RSD	58.051	55.603	123.31	55.871	35.808	206.16	15.208	306.94
#1	.00003	-.00931	-.00040	.00039	-.00036	-.00069	-.00002	-.04705
#2	.00007	-.01016	.00010	.00017	-.00027	-.00004	-.00002	.03240
#3	.00003	-.02350	-.00079	.00015	-.00054	.00011	-.00001	-.02550
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00016	-.07571	.00031	-.00199	-.03151	.00077	.00718
Stddev	.00052	.00037	.00567	.00031	.00007	.01555	.00041	.00576
%RSD	117.53	237.10	7.4892	101.00	3.5292	49.352	52.791	80.276
#1	-.00007	-.00029	-.07423	-.00005	-.00192	-.02510	.00124	.01358
#2	-.00022	-.00044	-.07092	.00047	-.00200	-.02019	.00062	.00242
#3	-.00103	.00026	-.08197	.00050	-.00206	-.04924	.00047	.00553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	.00124	-.00185	.00061	-.00276	-.0013	.00003	F 2.8631
Stddev	.00098	.00350	.00023	.00191	.00029	.0017	.00005	.1286
%RSD	30.086	281.53	12.642	313.72	10.355	125.9	156.10	4.4898
#1	.00334	-.00192	-.00172	-.00092	-.00282	-.0008	.00000	2.8419
#2	.00419	.00501	-.00212	.00276	-.00245	-.0032	.00009	2.7465
#3	.00223	.00065	-.00170	-.00001	-.00301	.0000	.00000	3.0010

Sample Name: CCB02 Acquired: 5/7/2019 13:19:22 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14924 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5262
Stddev	.5619
%RSD	36.814

#1	.97589
#2	1.5038
#3	2.0989

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.1	51672.	5453.7	82.747	4606.1
Stddev	7.4	50.	25.9	2.134	11.3
%RSD	.18155	.09677	.47527	2.5788	.24517

#1	4050.6	51701.	5426.3	82.583	4595.0
#2	4062.8	51701.	5477.9	80.700	4617.5
#3	4063.9	51614.	5456.9	84.958	4605.9

Sample Name: K2686-01MSD Acquired: 5/7/2019 13:23:52 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70886	1.8691	.90476	1.8335	.76942	1.8592	.18177	.18338
Stddev	.00428	.0046	.00394	.0066	.00074	.0171	.00047	.00067
%RSD	.60386	.24555	.43554	.35791	.09641	.91843	.25847	.36727
#1	.70476	1.8687	.90440	1.8304	.77027	1.8397	.18165	.18345
#2	.71330	1.8647	.90102	1.8291	.76899	1.8663	.18137	.18402
#3	.70852	1.8738	.90887	1.8411	.76899	1.8716	.18229	.18267
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17666	1.1100	.38013	.18100	.31530	3.0973	.19536	1.8296
Stddev	.00033	.0126	.00133	.00072	.00043	.0110	.00037	.0072
%RSD	.18558	1.1351	.34866	.39721	.13725	.35551	.18780	.39267
#1	.17650	1.0957	.37871	.18054	.31487	3.0878	.19498	1.8379
#2	.17644	1.1147	.38034	.18063	.31530	3.1094	.19571	1.8256
#3	.17703	1.1196	.38134	.18183	.31573	3.0946	.19538	1.8253
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45775	.06599	2.9249	.28289	.26667	9.2652	.39226	.38442
Stddev	.00150	.00098	.0401	.00040	.00062	.0827	.00090	.00857
%RSD	.32822	1.4776	1.3726	.14074	.23069	.89274	.22863	2.2304
#1	.45662	.06519	2.8833	.28253	.26628	9.1793	.39211	.37704
#2	.45717	.06708	2.9278	.28332	.26634	9.2721	.39144	.38239
#3	.45945	.06569	2.9635	.28282	.26737	9.3443	.39322	.39382
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01609	4.3311	.63862	.19312	.17565	4.818	.18256	1.4652
Stddev	.00312	.0133	.00204	.00076	.00156	.003	.00070	.1270
%RSD	19.392	.30668	.31901	.39353	.88997	.0511	.38440	8.6657
#1	.01470	4.3452	.63654	.19271	.17424	4.818	.18187	1.3743
#2	.01390	4.3188	.63871	.19399	.17733	4.820	.18327	1.6103
#3	.01966	4.3294	.64061	.19264	.17537	4.815	.18254	1.4112

Sample Name: K2686-01MSD Acquired: 5/7/2019 13:23:52 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-B-C-POO Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .72722
 %RSD 94.736

#1 -.74170
 #2 -.05372
 #3 -1.5075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4271.0	54721.	5759.2	87.519	4824.6
Stddev	13.6	130.	16.3	.976	13.8
%RSD	.31759	.23842	.28350	1.1147	.28506

#1	4283.9	54818.	5749.3	87.308	4837.9
#2	4272.3	54773.	5750.3	88.583	4825.4
#3	4256.8	54573.	5778.1	86.667	4810.4

Sample Name: K2686-01A Acquired: 5/7/2019 13:28:00 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72925	1.9314	.93087	1.8992	.76075	1.9162	.18776
Stddev	.00300	.0060	.00152	.0075	.00236	.0293	.00253
%RSD	.41203	.30938	.16303	.39313	.30978	1.5282	1.3500

#1	.72945	1.9324	.93036	1.9034	.75893	1.8826	.18502
#2	.72614	1.9250	.92968	1.9036	.75990	1.9297	.18824
#3	.73214	1.9368	.93258	1.8906	.76341	1.9363	.19002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18878	.18238	1.1381	.39143	.18657	.32425	3.1850
Stddev	.00034	.00022	.0144	.00074	.00073	.00125	.0107
%RSD	.17870	.12127	1.2673	.18795	.39309	.38513	.33496

#1	.18857	.18233	1.1424	.39159	.18662	.32321	3.1782
#2	.18917	.18219	1.1221	.39063	.18581	.32390	3.1973
#3	.18860	.18262	1.1500	.39207	.18728	.32563	3.1796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20183	1.8814	.47317	.06791	3.0282	.29112	.27152
Stddev	.00034	.0760	.00058	.00016	.0411	.00054	.00089
%RSD	.17042	4.0394	.12263	.22935	1.3561	.18440	.32810

#1	.20143	1.7988	.47374	.06808	2.9817	.29073	.27150
#2	.20199	1.8969	.47258	.06788	3.0433	.29173	.27065
#3	.20206	1.9484	.47319	.06778	3.0596	.29089	.27243

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6396	.38844	.38624	.01706	4.1935	.63447	.18825
Stddev	.1652	.00099	.01252	.00271	.0415	.00023	.00219
%RSD	1.7135	.25595	3.2408	15.854	.98874	.03667	1.1650

#1	9.4490	.38854	.37876	.01404	4.2413	.63422	.18741
#2	9.7409	.38741	.40069	.01926	4.1726	.63453	.18660
#3	9.7288	.38939	.37926	.01789	4.1667	.63468	.19074

Sample Name: K2686-01A Acquired: 5/7/2019 13:28:00 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18090	4.994	.18743	1.9873	F<.00000
Stddev	.00052	.002	.00035	.2635	.64269
%RSD	.28988	.0483	.18658	13.260	44.201
#1	.18113	4.996	.18704	2.1119	-.72953
#2	.18127	4.992	.18753	2.1654	-1.9555
#3	.18030	4.995	.18771	1.6846	-1.6770
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4256.3	54380.	5780.9	87.453	4805.3
Stddev	7.2	179.	48.5	1.057	7.4
%RSD	.16915	.32828	.83976	1.2092	.15422
#1	4261.7	54575.	5727.9	88.342	4810.1
#2	4259.0	54225.	5791.7	86.283	4809.0
#3	4248.1	54339.	5823.1	87.733	4796.7

Sample Name: K2639-01 Acquired: 5/7/2019 13:36:37 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02346	-.00985	.21616	-.00113	.00210	100.01	.74794
Stddev	.00247	.00217	.00188	.00191	.00165	.17	.00276
%RSD	10.508	21.980	.87016	169.77	78.449	.16705	.36849

#1	.02391	-.00971	.21740	.00048	.00277	100.06	.74715
#2	.02567	-.01209	.21708	-.00062	.00022	100.14	.75101
#3	.02080	-.00776	.21399	-.00324	.00331	99.820	.74567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01173	-.00313	71.489	.38119	.12407	.60174	212.17
Stddev	.00016	.00010	.340	.00123	.00070	.00116	.34
%RSD	1.3447	3.2386	.47510	.32152	.56530	.19252	.15958

#1	.01162	-.00311	71.099	.38062	.12355	.60134	212.14
#2	.01166	-.00324	71.721	.38035	.12379	.60305	212.52
#3	.01191	-.00304	71.647	.38259	.12486	.60084	211.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2915	66.052	.17819	-.02317	8.2160	.46705	.84847
Stddev	.0184	.413	.00024	.00013	.0397	.00119	.00064
%RSD	.25248	.62529	.13601	.56651	.48309	.25398	.07574

#1	7.3007	65.686	.17805	-.02324	8.2188	.46743	.84773
#2	7.3035	66.499	.17806	-.02325	8.2542	.46572	.84890
#3	7.2703	65.970	.17847	-.02302	8.1750	.46800	.84877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.892	.00818	.25357	4.2076	2.6935	.04682	3.8712
Stddev	.068	.00036	.01593	.0161	.0230	.00067	.0083
%RSD	.42640	4.3744	6.2822	.38270	.85506	1.4370	.21393

#1	15.823	.00833	.26969	4.2035	2.7159	.04751	3.8617
#2	15.959	.00777	.25318	4.1939	2.6947	.04617	3.8770
#3	15.894	.00843	.23783	4.2254	2.6699	.04677	3.8747

Sample Name: K2639-01 Acquired: 5/7/2019 13:36:37 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22084	6.837	-.02452	<.00000	F<.00000
Stddev	.00153	.005	.00085	.01646	.36850
%RSD	.69448	.0812	3.4525	2.0133	.40472
#1	.22214	6.832	-.02476	-.80164	-91.234
#2	.21915	6.843	-.02522	-.81705	-90.625
#3	.22123	6.837	-.02358	-.83455	-91.289
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4563.7	58190.	6556.1	81.742	4053.6
Stddev	5.0	100.	34.9	.893	5.9
%RSD	.11026	.17107	.53196	1.0922	.14456
#1	4558.5	58304.	6586.5	80.896	4049.3
#2	4564.3	58119.	6563.7	82.675	4051.1
#3	4568.5	58148.	6518.0	81.654	4060.2

Sample Name: K2639-03 Acquired: 5/7/2019 13:41:10 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04458	.00498	.17268	-.00707	.00027	113.95	.64821
Stddev	.00195	.00304	.00372	.00154	.00184	.05	.00172
%RSD	4.3725	60.981	2.1553	21.750	688.18	.04638	.26535

#1	.04497	.00478	.17217	-.00622	.00165	113.99	.64623
#2	.04247	.00205	.17662	-.00614	-.00182	113.89	.64914
#3	.04631	.00812	.16923	-.00884	.00098	113.98	.64927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01573	-.00426	54.647	.20204	.12898	.71295	269.81
Stddev	.00019	.00010	.266	.00087	.00008	.00067	1.04
%RSD	1.1794	2.3031	.48674	.43167	.05945	.09395	.38681

#1	.01554	-.00433	54.936	.20108	.12906	.71253	269.99
#2	.01591	-.00415	54.594	.20225	.12890	.71373	268.69
#3	.01575	-.00431	54.412	.20278	.12898	.71261	270.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5989	58.246	.15529	-.02921	5.4155	.41102	.58992
Stddev	.0019	.300	.00063	.00024	.0016	.00189	.00099
%RSD	.05194	.51588	.40429	.82771	.02881	.46073	.16817

#1	3.6010	57.900	.15599	-.02913	5.4142	.41125	.59093
#2	3.5984	58.421	.15477	-.02902	5.4150	.40902	.58987
#3	3.5974	58.419	.15512	-.02948	5.4172	.41279	.58895

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5662	.00140	.33636	2.4986	3.3062	.00832	2.0832
Stddev	.0302	.00030	.02183	.0066	.0597	.00104	.0014
%RSD	.31536	21.712	6.4899	.26495	1.8055	12.459	.06717

#1	9.5501	.00110	.35762	2.5042	3.3730	.00764	2.0833
#2	9.6010	.00139	.31400	2.4913	3.2874	.00951	2.0817
#3	9.5476	.00171	.33745	2.5004	3.2582	.00780	2.0845

Sample Name: K2639-03 Acquired: 5/7/2019 13:41:10 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-050319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15128	7.413	-.16209	<.00000	F<.00000
Stddev	.00102	.020	.00133	.24371	.69220
%RSD	.67383	.2709	.81961	16.303	.56521
#1	.15243	7.436	-.16158	-1.2963	-123.07
#2	.15096	7.399	-.16109	-1.4214	-121.71
#3	.15047	7.405	-.16360	-1.7668	-122.62
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4546.2	57694.	6438.8	80.054	4060.5
Stddev	4.4	46.	48.8	1.389	5.2
%RSD	.09682	.08058	.75826	1.7349	.12898
#1	4545.8	57643.	6385.0	80.309	4057.9
#2	4550.9	57706.	6451.2	78.555	4066.5
#3	4542.1	57734.	6480.3	81.297	4057.0

Sample Name: K2698-01 Acquired: 5/7/2019 13:45:34 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01843	-.00111	.64982	.02920	.00417	23.815	1.3309
Stddev	.00112	.00045	.00196	.00306	.00235	.031	.0070
%RSD	6.0671	40.586	.30228	10.463	56.430	.13183	.52263

#1	.01968	-.00162	.65031	.02622	.00401	23.785	1.3228
#2	.01811	-.00077	.65149	.03233	.00190	23.812	1.3351
#3	.01752	-.00093	.64766	.02906	.00660	23.847	1.3347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	.00058	144.31	.13531	.03423	1.6957	102.44
Stddev	.00015	.00006	3.02	.00071	.00028	.0022	.16
%RSD	4.4313	11.075	2.0927	.52607	.81612	.12988	.15232

#1	.00339	.00062	140.89	.13613	.03397	1.6974	102.60
#2	.00314	.00061	146.62	.13495	.03452	1.6964	102.29
#3	.00339	.00050	145.42	.13485	.03419	1.6932	102.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0772	57.586	.28903	.00855	13.097	.08753	3.2316
Stddev	.0054	.316	.00079	.00019	.052	.00024	.0027
%RSD	.13295	.54853	.27448	2.1676	.39621	.27393	.08361

#1	4.0719	57.230	.28945	.00875	13.052	.08775	3.2288
#2	4.0827	57.835	.28952	.00853	13.154	.08727	3.2342
#3	4.0768	57.692	.28811	.00838	13.086	.08756	3.2319

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7798	.02640	.21347	F 39.724	2.3214	.08448	.71385
Stddev	.0447	.00024	.01004	.034	.0602	.00058	.00527
%RSD	.50891	.90772	4.7026	.08524	2.5943	.68887	.73850

#1	8.7444	.02629	.22179	39.716	2.2607	.08480	.71990
#2	8.8300	.02667	.21631	39.695	2.3222	.08380	.71145
#3	8.7650	.02623	.20232	39.762	2.3812	.08482	.71021

Sample Name: K2698-01 Acquired: 5/7/2019 13:45:34 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02810	F 59.96	.34951	3.2270	F<.00000
Stddev	.00094	.09	.00951	.0875	.67569
%RSD	3.3341	.1460	2.7216	2.7100	2.3030

#1	.02702	59.99	.33852	3.1770	-29.935
#2	.02866	60.03	.35498	3.1761	-29.479
#3	.02863	59.86	.35502	3.3280	-28.606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.0	51608.	5892.9	82.716	4121.9
Stddev	10.3	95.	103.1	.567	9.8
%RSD	.25659	.18340	1.7494	.68601	.23777

#1	4006.2	51686.	6011.3	83.001	4114.8
#2	4010.1	51502.	5823.8	83.084	4117.7
#3	4025.7	51634.	5843.5	82.062	4133.1

Sample Name: K2703-02 Acquired: 5/7/2019 13:49:51 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P-3-OW(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12178	-.00183	5.5719	.00013	.01574	83.316	2.6992
Stddev	.00538	.00138	.0096	.00035	.00099	.203	.0069
%RSD	4.4159	75.610	.17259	261.19	6.2685	.24420	.25615

#1	.12794	-.00336	5.5731	.00040	.01469	83.089	2.6912
#2	.11806	-.00144	5.5809	.00026	.01588	83.376	2.7028
#3	.11932	-.00068	5.5617	-.00026	.01665	83.483	2.7036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01395	.00774	103.50	.22859	.11237	1.9645	293.32
Stddev	.00022	.00023	.49	.00104	.00057	.0005	1.91
%RSD	1.5934	2.9557	.47451	.45457	.50524	.02684	.65075

#1	.01371	.00792	103.88	.22854	.11229	1.9640	294.61
#2	.01415	.00782	103.68	.22966	.11297	1.9644	291.13
#3	.01398	.00748	102.95	.22758	.11184	1.9651	294.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6991	33.223	.26574	-.02916	7.1337	.37376	5.1226
Stddev	.0056	.206	.00136	.00076	.0201	.00153	.0091
%RSD	.14994	.61934	.51114	2.6032	.28180	.41035	.17721

#1	3.6941	33.087	.26417	-.02844	7.1128	.37201	5.1304
#2	3.6980	33.122	.26662	-.02995	7.1529	.37439	5.1246
#3	3.7051	33.459	.26642	-.02910	7.1355	.37487	5.1126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.536	.00906	.22604	9.5871	4.3773	.66668	3.3978
Stddev	.049	.00070	.01031	.0595	.1066	.00266	.0063
%RSD	.31483	7.7291	4.5620	.62035	2.4355	.39926	.18561

#1	15.579	.00852	.23793	9.6490	4.4252	.66923	3.3906
#2	15.483	.00985	.21948	9.5817	4.4515	.66689	3.4011
#3	15.546	.00880	.22071	9.5305	4.2551	.66392	3.4019

Sample Name: K2703-02 Acquired: 5/7/2019 13:49:51 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P-3-OW(0-10) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11257	F 11.10	.18446	<.00000	F<.00000
Stddev	.00124	.05	.00338	.16693	.64525
%RSD	1.0986	.4412	1.8323	16.785	.43868
#1	.11368	11.15	.18318	-.80185	-146.35
#2	.11280	11.07	.18830	-1.0957	-147.40
#3	.11124	11.06	.18191	-1.0861	-147.52
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4507.0	57826.	6586.6	80.774	4009.4
Stddev	8.8	86.	32.6	.500	6.8
%RSD	.19490	.14837	.49522	.61866	.16943
#1	4514.2	57739.	6554.9	80.208	4012.7
#2	4497.2	57910.	6584.8	81.155	4001.6
#3	4509.5	57830.	6620.1	80.958	4014.0

Sample Name: K2704-02 Acquired: 5/7/2019 13:54:12 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2(24-27) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12951	-.02045	.20332	.00407	.00048	70.596	.73693
Stddev	.00156	.00025	.00210	.00087	.00209	.382	.00333
%RSD	1.2052	1.2088	1.0335	21.389	437.71	.54168	.45196

#1	.12883	-.02019	.20541	.00364	-.00184	70.759	.73762
#2	.13129	-.02068	.20120	.00507	.00107	70.160	.73332
#3	.12840	-.02050	.20334	.00349	.00220	70.871	.73987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00881	-.00519	37.042	.16866	.10619	.40532	164.37
Stddev	.00005	.00020	.101	.00099	.00061	.00172	.34
%RSD	.61652	3.7642	.27281	.58875	.57356	.42539	.20754

#1	.00884	-.00497	36.979	.16885	.10680	.40729	164.00
#2	.00885	-.00533	36.988	.16955	.10618	.40460	164.68
#3	.00875	-.00528	37.158	.16759	.10558	.40407	164.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9022	59.743	.21452	-.01953	1.1620	.27121	.67239
Stddev	.0025	.306	.00103	.00067	.0088	.00177	.00087
%RSD	.13239	.51286	.48137	3.4513	.75979	.65258	.12876

#1	1.8993	59.482	.21337	-.01889	1.1711	.26921	.67140
#2	1.9040	59.665	.21538	-.01946	1.1535	.27257	.67274
#3	1.9031	60.080	.21479	-.02023	1.1614	.27185	.67302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.696	.00145	.12295	F 17.563	1.5391	-.00321	7.0689
Stddev	.135	.00036	.00828	.033	.0165	.00084	.0288
%RSD	.42698	24.544	6.7380	.18706	1.0733	26.099	.40802

#1	31.634	.00155	.12331	17.591	1.5512	-.00225	7.0584
#2	31.603	.00175	.13105	17.527	1.5202	-.00354	7.0468
#3	31.851	.00106	.11449	17.572	1.5457	-.00382	7.1016

Sample Name: K2704-02 Acquired: 5/7/2019 13:54:12 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2(24-27) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10829	5.818	-.05300	1.8537	F<.00000
Stddev	.00137	.005	.00019	.1152	.76400
%RSD	1.2675	.0788	.36334	6.2165	1.3664
#1	.10683	5.824	-.05298	1.9826	-56.616
#2	.10848	5.815	-.05321	1.8180	-56.023
#3	.10955	5.817	-.05283	1.7606	-55.100
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4245.0	53710.	5993.5	80.938	4149.2
Stddev	16.4	114.	24.9	1.361	8.1
%RSD	.38516	.21219	.41467	1.6818	.19592
#1	4228.7	53672.	5998.3	81.870	4140.3
#2	4244.9	53620.	5966.6	81.567	4151.3
#3	4261.4	53838.	6015.6	79.376	4156.1

Sample Name: K2704-04 Acquired: 5/7/2019 13:58:28 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2(33.5-35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14581	-.00912	.09973	.00355	-.00027	49.483	.50138
Stddev	.00273	.00015	.00028	.00186	.00229	.216	.00262
%RSD	1.8705	1.6850	.28320	52.270	861.97	.43571	.52167

#1	.14824	-.00901	.09996	.00364	.00030	49.239	.49843
#2	.14634	-.00929	.09942	.00536	.00169	49.562	.50343
#3	.14286	-.00905	.09982	.00165	-.00279	49.649	.50227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00599	-.00456	47.914	.10791	.07061	.31035	134.30
Stddev	.00015	.00007	.147	.00039	.00016	.00109	.57
%RSD	2.4336	1.5945	.30631	.35968	.23247	.35087	.42206

#1	.00606	-.00462	47.838	.10774	.07071	.30914	134.37
#2	.00582	-.00448	48.083	.10764	.07070	.31127	134.83
#3	.00608	-.00457	47.820	.10836	.07042	.31063	133.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3314	52.139	.15351	-.01394	.77419	.22857	.39897
Stddev	.0013	.156	.00031	.00039	.00763	.00066	.00258
%RSD	.09434	.29904	.19877	2.8200	.98619	.29036	.64765

#1	1.3325	51.969	.15341	-.01369	.76704	.22803	.39772
#2	1.3316	52.172	.15386	-.01440	.78223	.22837	.40194
#3	1.3300	52.276	.15328	-.01375	.77328	.22931	.39725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.379	.00036	.09970	.62496	1.9109	.00023	4.0130
Stddev	.074	.00030	.01211	.00636	.0174	.00195	.0139
%RSD	.45361	82.289	12.148	1.0182	.90879	843.81	.34652

#1	16.329	.00066	.09356	.63230	1.8987	.00121	3.9984
#2	16.464	.00037	.11365	.62137	1.9308	.00150	4.0145
#3	16.343	.00006	.09188	.62120	1.9033	-.00202	4.0261

Sample Name: K2704-04 Acquired: 5/7/2019 13:58:28 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2(33.5-35 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08729	5.618	-.06514	1.3333	F<.00000
Stddev	.00033	.021	.00089	.2863	.34629
%RSD	.37926	.3779	1.3587	21.472	.81336
#1	.08767	5.641	-.06525	1.3992	-42.176
#2	.08705	5.615	-.06596	1.5810	-42.760
#3	.08716	5.598	-.06420	1.0199	-42.789
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4275.3	54152.	5948.0	81.512	4184.5
Stddev	9.2	81.	21.6	1.438	2.6
%RSD	.21534	.15025	.36310	1.7635	.06202
#1	4282.8	54072.	5925.9	79.972	4186.8
#2	4278.1	54151.	5949.1	81.746	4185.0
#3	4265.0	54235.	5969.0	82.818	4181.7

Sample Name: K2704-06 Acquired: 5/7/2019 14:02:48 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(25-25.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19449	-.01931	.20539	.00432	.00252	67.406	.75184
Stddev	.00239	.00136	.00102	.00435	.00095	.094	.00093
%RSD	1.2310	7.0286	.49794	100.60	37.787	.13900	.12357

#1	.19461	-.02078	.20656	-.00065	.00212	67.429	.75136
#2	.19203	-.01811	.20492	.00742	.00361	67.303	.75124
#3	.19682	-.01905	.20469	.00619	.00183	67.486	.75291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	-.00470	22.891	.15329	.09489	.46560	144.84
Stddev	.00008	.00006	.145	.00063	.00033	.00094	.46
%RSD	1.1135	1.2255	.63255	.40773	.35001	.20098	.31490

#1	.00726	-.00471	22.838	.15360	.09524	.46572	144.96
#2	.00735	-.00474	22.780	.15257	.09483	.46461	145.23
#3	.00719	-.00463	23.055	.15370	.09459	.46646	144.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8778	45.055	.24336	-.01700	1.1453	.53140	.56355
Stddev	.0024	.058	.00055	.00065	.0061	.00228	.00096
%RSD	.12559	.12809	.22735	3.8199	.53193	.42868	.17096

#1	1.8758	45.063	.24320	-.01725	1.1403	.53258	.56252
#2	1.8773	44.994	.24291	-.01627	1.1521	.52877	.56371
#3	1.8804	45.108	.24398	-.01750	1.1435	.53284	.56443

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.000	.00367	.10937	F 22.328	.74926	-.00485	6.8903
Stddev	.095	.00021	.01942	.033	.01866	.00051	.0304
%RSD	.32735	5.7782	17.753	.14963	2.4909	10.489	.44162

#1	28.903	.00360	.08776	22.337	.74466	-.00482	6.9167
#2	29.004	.00391	.12534	22.291	.76980	-.00538	6.8570
#3	29.092	.00351	.11502	22.355	.73333	-.00436	6.8971

Sample Name: K2704-06 Acquired: 5/7/2019 14:02:48 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(25-25.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10376	5.293	-.08570	1.4893	F<.00000
Stddev	.00159	.015	.00065	.0450	.16439
%RSD	1.5313	.2815	.76121	3.0242	.32703

#1	.10370	5.289	-.08570	1.5030	-50.080
#2	.10220	5.309	-.08635	1.5259	-50.386
#3	.10538	5.280	-.08505	1.4390	-50.336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4240.3	53927.	6006.2	80.192	4190.7
Stddev	6.6	165.	36.4	1.722	4.8
%RSD	.15555	.30625	.60563	2.1473	.11523

#1	4234.4	53753.	5969.1	78.265	4188.4
#2	4239.0	53947.	6041.9	81.582	4187.4
#3	4247.4	54082.	6007.5	80.727	4196.3

Sample Name: K2704-08 Acquired: 5/7/2019 14:07:04 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11110	-.01552	.07970	.00616	-.00105	58.243	.67726
Stddev	.00166	.00237	.00049	.00056	.00135	.333	.00303
%RSD	1.4961	15.294	.60867	9.0271	128.75	.57092	.44746

#1	.10938	-.01331	.07938	.00646	-.00259	58.611	.68037
#2	.11122	-.01522	.07946	.00651	-.00011	57.964	.67432
#3	.11270	-.01802	.08026	.00552	-.00044	58.155	.67707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	-.00406	22.642	.12653	.08601	.35274	141.72
Stddev	.00005	.00016	.082	.00119	.00032	.00040	.10
%RSD	.75264	4.0176	.36074	.94313	.36940	.11237	.06717

#1	.00665	-.00391	22.587	.12576	.08565	.35241	141.63
#2	.00655	-.00403	22.604	.12592	.08625	.35318	141.82
#3	.00657	-.00423	22.736	.12790	.08613	.35262	141.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5463	44.700	.20894	-.01563	1.0557	.23547	.46919
Stddev	.0021	.205	.00061	.00068	.0037	.00262	.00063
%RSD	.13636	.45936	.29022	4.3400	.34626	1.1128	.13351

#1	1.5472	44.937	.20839	-.01545	1.0597	.23427	.46903
#2	1.5479	44.571	.20959	-.01505	1.0525	.23366	.46988
#3	1.5439	44.593	.20882	-.01637	1.0548	.23847	.46865

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.172	-.00047	.11058	.79236	1.9529	.00018	5.2978
Stddev	.054	.00014	.01572	.00375	.0489	.00091	.0171
%RSD	.23368	28.951	14.214	.47369	2.5044	522.25	.32303

#1	23.200	-.00042	.12047	.79437	1.9434	-.00043	5.2819
#2	23.110	-.00037	.11881	.79468	1.9095	.00123	5.3159
#3	23.206	-.00063	.09246	.78803	2.0059	-.00027	5.2956

Sample Name: K2704-08 Acquired: 5/7/2019 14:07:04 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(35-37) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10286	7.432	-.08060	.63598	F<.00000
Stddev	.00055	.025	.00023	.49080	.92781
%RSD	.53868	.3365	.29141	77.172	1.9815

#1	.10262	7.404	-.08087	.88924	-45.909
#2	.10349	7.448	-.08044	.94841	-46.794
#3	.10246	7.446	-.08049	.07028	-47.764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4379.2	55128.	6028.8	80.622	4256.9
Stddev	8.9	239.	11.0	.973	5.1
%RSD	.20363	.43374	.18280	1.2068	.11929

#1	4369.2	54858.	6030.4	81.739	4253.7
#2	4382.1	55214.	6017.1	80.173	4254.2
#3	4386.4	55312.	6039.0	79.955	4262.7

Sample Name: CCV03 Acquired: 5/7/2019 14:11:23 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14925 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0972	5.1695	5.0482	5.1505	5.0919	10.028	10.206	.25823
Stddev	.0098	.0135	.0104	.0160	.0139	.019	.012	.00060
%RSD	.19260	.26087	.20650	.31162	.27325	.18893	.11382	.23365
#1	5.1054	5.1825	5.0580	5.1669	5.1005	10.036	10.193	.25879
#2	5.0999	5.1704	5.0373	5.1348	5.0994	10.043	10.211	.25759
#3	5.0863	5.1555	5.0492	5.1499	5.0759	10.007	10.215	.25832
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5182	25.804	1.0221	2.5368	1.2781	5.1361	2.5850	25.155
Stddev	.0023	.078	.0023	.0036	.0018	.0057	.0020	.034
%RSD	.09026	.30047	.22334	.14101	.13841	.11101	.07624	.13446
#1	2.5203	25.714	1.0195	2.5398	1.2790	5.1427	2.5828	25.145
#2	2.5158	25.844	1.0234	2.5328	1.2792	5.1335	2.5866	25.193
#3	2.5184	25.853	1.0235	2.5378	1.2761	5.1322	2.5854	25.127
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5478	1.2751	25.469	2.5685	2.5293	25.413	5.1323	5.1089
Stddev	.0034	.0016	.045	.0023	.0031	.033	.0111	.0172
%RSD	.13457	.12253	.17584	.08888	.12397	.12944	.21704	.33585
#1	2.5497	1.2767	25.486	2.5670	2.5329	25.445	5.1451	5.0941
#2	2.5438	1.2749	25.418	2.5711	2.5270	25.416	5.1264	5.1277
#3	2.5499	1.2736	25.502	2.5673	2.5280	25.379	5.1253	5.1050
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0808	5.1000	5.0798	5.1474	5.0726	5.172	5.1581	4.5745
Stddev	.0205	.0202	.0138	.0213	.0215	.018	.0180	.1877
%RSD	.40451	.39604	.27173	.41339	.42333	.3517	.34959	4.1022
#1	5.1004	5.0788	5.0914	5.1229	5.0483	5.192	5.1373	4.7847
#2	5.0594	5.1191	5.0645	5.1616	5.0807	5.169	5.1691	4.4239
#3	5.0825	5.1022	5.0834	5.1576	5.0889	5.155	5.1679	4.5148

Sample Name: CCV03 Acquired: 5/7/2019 14:11:23 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14925 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3234
Stddev .6138
%RSD 26.418

#1 2.7882
#2 1.6276
#3 2.5544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3895.1	49300.	5422.1	79.149	4097.9
Stddev	14.1	164.	7.2	.546	11.1
%RSD	.36093	.33319	.13216	.69007	.27082

#1	3880.8	49110.	5418.8	79.434	4085.1
#2	3895.6	49381.	5417.1	79.494	4103.2
#3	3908.9	49407.	5430.3	78.520	4105.3

Sample Name: CCB03 Acquired: 5/7/2019 14:15:21 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14925 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00178	.00092	-.00099	-.00163	-.00367	.00051	.00007
Stddev	.00297	.00087	.00094	.00408	.00051	.00774	.00042	.00002
%RSD	284.67	48.844	102.88	411.89	31.551	211.17	82.706	30.668

#1	-.00299	.00276	.00191	.00205	-.00167	-.00481	.00010	.00004
#2	.00238	.00111	.00004	-.00563	-.00212	.00458	.00094	.00008
#3	-.00252	.00146	.00080	.00060	-.00110	-.01078	.00048	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00970	-.00028	.00009	-.00048	.00080	-.00002	-.03181
Stddev	.00006	.01306	.00037	.00015	.00032	.00015	.00001	.04769
%RSD	151.06	134.61	134.62	167.35	68.302	18.797	44.382	149.92

#1	-.00003	.01262	-.00008	.00021	-.00019	.00066	-.00002	.01486
#2	.00006	-.00457	-.00071	.00014	-.00041	.00079	-.00001	-.02983
#3	.00009	.02106	-.00004	-.00008	-.00083	.00096	-.00003	-.08046

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00005	-.10877	.00020	-.00157	-.03553	.00057	.00607
Stddev	.00043	.00006	.00682	.00024	.00011	.02043	.00042	.00745
%RSD	1426.7	134.47	6.2724	115.19	7.2529	57.490	74.308	122.79

#1	.00025	.00003	-.10748	.00038	-.00146	-.05898	.00091	.01149
#2	-.00046	-.00007	-.10268	-.00006	-.00156	-.02161	.00070	-.00243
#3	.00031	-.00009	-.11614	.00029	-.00169	-.02601	.00010	.00914

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00518	.00136	-.00133	-.00031	-.00330	-.0025	.00006	F 2.3751
Stddev	.00093	.00133	.00089	.00195	.00108	.0016	.00005	.0663
%RSD	17.944	97.564	67.389	636.05	32.697	61.65	73.441	2.7912

#1	.00439	.00282	-.00033	.00186	-.00323	-.0042	.00010	2.4280
#2	.00621	.00022	-.00157	-.00191	-.00440	-.0011	.00008	2.3966
#3	.00495	.00104	-.00207	-.00086	-.00225	-.0023	.00001	2.3008

Sample Name: CCB03 Acquired: 5/7/2019 14:15:21 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14925 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .71136
Stddev	.14766
%RSD	20.758

#1	.55185
#2	.84329
#3	.73894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4099.7	52379.	5553.0	82.872	4649.2
Stddev	10.9	49.	7.9	.964	17.3
%RSD	.26596	.09298	.14214	1.1630	.37196

#1	4088.0	52422.	5544.2	83.925	4629.3
#2	4109.6	52388.	5559.5	82.033	4658.2
#3	4101.5	52326.	5555.3	82.658	4660.2

Sample Name: K2704-08DUP Acquired: 5/7/2019 14:19:49 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11217	-.01436	.08063	.00476	.00038	58.536	.68870
Stddev	.00140	.00085	.00011	.00313	.00095	.197	.00320
%RSD	1.2448	5.9427	.13726	65.840	246.68	.33678	.46416

#1	.11341	-.01506	.08062	.00212	-.00071	58.318	.68534
#2	.11243	-.01341	.08052	.00822	.00089	58.702	.69170
#3	.11066	-.01461	.08074	.00394	.00097	58.589	.68906

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	-.00392	22.494	.12569	.08722	.35680	141.85
Stddev	.00014	.00025	.070	.00054	.00052	.00203	.37
%RSD	2.1361	6.4730	.31064	.43350	.59155	.56770	.26339

#1	.00666	-.00379	22.419	.12579	.08665	.35451	142.16
#2	.00650	-.00375	22.506	.12510	.08737	.35835	141.43
#3	.00678	-.00421	22.557	.12617	.08765	.35753	141.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5439	45.358	.21483	-.01532	1.0489	.23539	.47403
Stddev	.0016	.201	.00043	.00047	.0085	.00123	.00210
%RSD	.10120	.44260	.19938	3.0517	.81045	.52065	.44330

#1	1.5424	45.210	.21442	-.01545	1.0420	.23551	.47173
#2	1.5456	45.587	.21480	-.01571	1.0584	.23655	.47586
#3	1.5437	45.279	.21528	-.01480	1.0463	.23411	.47450

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.204	-.00036	.11562	.78476	1.9500	.00093	5.2456
Stddev	.200	.00016	.00910	.00494	.0144	.00053	.0127
%RSD	.86008	43.563	7.8665	.62923	.74012	56.934	.24202

#1	22.974	-.00046	.12189	.78683	1.9613	.00033	5.2373
#2	23.331	-.00044	.10519	.78833	1.9550	.00133	5.2393
#3	23.307	-.00018	.11979	.77913	1.9338	.00111	5.2602

Sample Name: K2704-08DUP Acquired: 5/7/2019 14:19:49 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1(35-37)D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09980	7.458	-.08074	.48218	F<.00000
Stddev	.00047	.011	.00052	.07413	.77772
%RSD	.47063	.1439	.63808	15.373	1.6298

#1	.09992	7.447	-.08128	.41765	-48.216
#2	.09929	7.461	-.08025	.46575	-46.823
#3	.10020	7.468	-.08069	.56315	-48.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4361.6	55658.	6188.7	82.456	4242.9
Stddev	13.1	98.	23.0	2.208	13.4
%RSD	.30034	.17696	.37208	2.6776	.31553

#1	4375.8	55565.	6164.0	81.764	4257.3
#2	4350.0	55761.	6209.5	80.677	4230.8
#3	4359.0	55646.	6192.6	84.927	4240.7

Sample Name: K2704-08LX5 Acquired: 5/7/2019 14:24:10 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8186 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02434	-.00176	.01593	.00142	-.00154	12.776	.14990
Stddev	.00110	.00072	.00091	.00075	.00227	.092	.00048
%RSD	4.5332	40.732	5.7126	52.984	147.82	.72032	.32109

#1	.02366	-.00094	.01663	.00070	-.00239	12.729	.14989
#2	.02375	-.00210	.01490	.00136	-.00326	12.882	.15038
#3	.02561	-.00225	.01626	.00221	.00104	12.717	.14942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00141	5.0824	.02763	.01791	.08103	34.396
Stddev	.00003	.00007	.0100	.00009	.00007	.00007	.048
%RSD	1.8964	5.1520	.19653	.30777	.39528	.08649	.13906

#1	.00137	-.00133	5.0745	.02772	.01791	.08096	34.345
#2	.00138	-.00143	5.0790	.02758	.01783	.08105	34.403
#3	.00133	-.00148	5.0936	.02757	.01798	.08109	34.440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34622	9.9523	.04377	-.00355	.14697	.05221	.09281
Stddev	.00042	.0740	.00048	.00066	.00669	.00036	.00040
%RSD	.12008	.74307	1.1074	18.682	4.5534	.68189	.42878

#1	.34613	9.9986	.04329	-.00414	.15433	.05189	.09322
#2	.34585	9.9912	.04376	-.00283	.14125	.05215	.09243
#3	.34667	9.8670	.04426	-.00367	.14533	.05259	.09278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9675	-.00003	.02677	.16070	.44583	-.00294	1.1653
Stddev	.0520	.00054	.00865	.00201	.00839	.00007	.0062
%RSD	1.0474	1780.8	32.334	1.2498	1.8823	2.3089	.53123

#1	4.9916	.00020	.02196	.16282	.45500	-.00290	1.1724
#2	5.0032	.00035	.02158	.16046	.43852	-.00302	1.1608
#3	4.9078	-.00064	.03676	.15883	.44398	-.00291	1.1628

Sample Name: K2704-08LX5 Acquired: 5/7/2019 14:24:10 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8186 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02042	1.505	-.02102	2.4796	F<.00000
Stddev	.00071	.005	.00005	.1172	.33505
%RSD	3.4531	.3092	.25128	4.7283	6.2474

#1	.02120	1.499	-.02096	2.3689	-5.0699
#2	.01982	1.508	-.02106	2.4676	-5.7283
#3	.02025	1.507	-.02105	2.6024	-5.2909

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4168.3	52803.	5688.1	82.506	4495.9
Stddev	8.1	231.	21.2	.461	9.5
%RSD	.19344	.43757	.37269	.55875	.21184

#1	4160.1	52719.	5663.7	81.975	4485.2
#2	4168.4	52625.	5699.4	82.808	4503.2
#3	4176.3	53064.	5701.3	82.733	4499.5

Sample Name: K2704-08MS Acquired: 5/7/2019 14:28:32 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84643	2.0564	1.0986	1.8641	.21329	64.340	.89535
Stddev	.00412	.0067	.0017	.0011	.00225	.132	.00271
%RSD	.48637	.32689	.15143	.06107	1.0547	.20514	.30283

#1	.85114	2.0585	1.0982	1.8647	.21170	64.413	.89233
#2	.84459	2.0489	1.0972	1.8648	.21586	64.418	.89616
#3	.84355	2.0619	1.1005	1.8627	.21230	64.187	.89757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19411	.19900	24.426	.50624	.29518	.64528	145.23
Stddev	.00054	.00120	.073	.00110	.00122	.00217	.25
%RSD	.27713	.60421	.29780	.21795	.41170	.33642	.17550

#1	.19369	.19786	24.507	.50751	.29549	.64541	145.02
#2	.19471	.19889	24.367	.50568	.29384	.64738	145.15
#3	.19392	.20026	24.405	.50553	.29621	.64304	145.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7831	44.223	.70051	.05052	3.8979	.51536	.67226
Stddev	.0020	.111	.00241	.00034	.0018	.00095	.00145
%RSD	.11324	.25172	.34373	.67700	.04647	.18362	.21634

#1	1.7829	44.107	.69979	.05063	3.8961	.51448	.67158
#2	1.7813	44.328	.69854	.05014	3.8978	.51636	.67128
#3	1.7853	44.235	.70320	.05079	3.8998	.51525	.67393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.283	.35528	.35574	.89430	2.3783	.66562	5.9380
Stddev	.065	.00088	.01871	.00170	.0175	.00206	.0099
%RSD	.19648	.24786	5.2587	.19055	.73450	.30892	.16709

#1	33.209	.35609	.33422	.89592	2.3819	.66747	5.9273
#2	33.332	.35540	.36818	.89447	2.3593	.66341	5.9469
#3	33.308	.35434	.36481	.89252	2.3937	.66599	5.9398

Sample Name: K2704-08MS Acquired: 5/7/2019 14:28:32 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29226	F 13.15	.10384	.74480	F<.00000
Stddev	.00519	.05	.00100	.07697	.51184
%RSD	1.7745	.3805	.96643	10.334	1.0007
#1	.29821	13.15	.10500	.80208	-51.338
#2	.28982	13.10	.10316	.65731	-50.570
#3	.28874	13.20	.10337	.77502	-51.540
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4357.0	55346.	6120.4	82.305	4206.3
Stddev	7.3	172.	41.0	.818	8.3
%RSD	.16664	.31007	.66912	.99413	.19807
#1	4348.9	55154.	6075.1	81.396	4205.3
#2	4359.2	55484.	6154.9	82.983	4215.0
#3	4363.0	55401.	6131.1	82.535	4198.4

Sample Name: K2704-08MSD Acquired: 5/7/2019 14:32:43 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84876	2.0583	1.1089	1.8803	.21559	64.807	.89824
Stddev	.00134	.0016	.0042	.0062	.00083	.203	.00309
%RSD	.15762	.07886	.37841	.33104	.38707	.31248	.34408

#1	.85030	2.0578	1.1135	1.8812	.21462	64.575	.89506
#2	.84793	2.0569	1.1077	1.8860	.21612	64.950	.89842
#3	.84804	2.0601	1.1054	1.8736	.21601	64.895	.90123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19685	.20054	24.387	.51309	.29793	.64820	145.68
Stddev	.00044	.00066	.111	.00176	.00018	.00173	.26
%RSD	.22372	.32669	.45521	.34248	.06047	.26661	.17906

#1	.19671	.20129	24.367	.51366	.29808	.64992	145.39
#2	.19650	.20028	24.287	.51112	.29773	.64647	145.87
#3	.19734	.20006	24.506	.51450	.29797	.64822	145.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8065	44.771	.70964	.05183	3.9825	.51974	.67967
Stddev	.0023	.221	.00361	.00049	.0263	.00314	.00179
%RSD	.12944	.49398	.50815	.95113	.65999	.60358	.26337

#1	1.8045	44.548	.71311	.05135	3.9536	.51611	.68173
#2	1.8060	44.775	.70591	.05180	4.0050	.52159	.67883
#3	1.8091	44.991	.70989	.05234	3.9890	.52151	.67847

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.917	.35841	.37118	.85332	2.6735	.66952	6.0689
Stddev	.211	.00109	.02394	.00387	.0472	.00372	.0046
%RSD	.62215	.30551	6.4489	.45374	1.7651	.55561	.07666

#1	33.719	.35967	.39606	.85779	2.7070	.67302	6.0735
#2	33.894	.35768	.34832	.85122	2.6938	.66561	6.0692
#3	34.139	.35788	.36915	.85096	2.6195	.66993	6.0642

Sample Name: K2704-08MSD Acquired: 5/7/2019 14:32:43 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1(35-37)M Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29299	F 13.21	.10771	1.1198	F<.00000
Stddev	.00037	.05	.00119	.1226	.26925
%RSD	.12463	.3977	1.1094	10.951	.51809
#1	.29337	13.18	.10765	1.0858	-51.795
#2	.29296	13.27	.10655	1.0178	-51.837
#3	.29264	13.18	.10894	1.2559	-52.281
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4356.7	55415.	6103.9	80.787	4206.7
Stddev	14.0	74.	16.3	1.837	11.5
%RSD	.32051	.13405	.26638	2.2743	.27283
#1	4357.2	55383.	6087.4	82.867	4203.7
#2	4342.6	55361.	6119.9	80.110	4197.0
#3	4370.5	55500.	6104.4	79.384	4219.3

Sample Name: K2704-08A Acquired: 5/7/2019 14:36:52 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8186 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84252	2.0425	1.0945	1.8640	.21326	63.922	.89547
Stddev	.00405	.0036	.0044	.0046	.00146	.148	.00474
%RSD	.48092	.17386	.39918	.24491	.68685	.23182	.52905

#1	.84432	2.0388	1.0995	1.8683	.21402	63.809	.89035
#2	.83788	2.0459	1.0917	1.8645	.21419	64.090	.89970
#3	.84536	2.0429	1.0922	1.8593	.21157	63.869	.89635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19428	.19827	24.479	.50829	.29432	.64547	144.44
Stddev	.00053	.00062	.079	.00095	.00088	.00181	.31
%RSD	.27117	.31154	.32187	.18649	.29917	.28110	.21409

#1	.19409	.19850	24.511	.50930	.29332	.64431	144.15
#2	.19487	.19757	24.537	.50815	.29498	.64454	144.76
#3	.19386	.19874	24.389	.50742	.29465	.64756	144.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7864	44.376	.70072	.05039	3.9069	.51624	.67019
Stddev	.0021	.167	.00055	.00027	.0215	.00098	.00030
%RSD	.11557	.37732	.07897	.54262	.54922	.19057	.04421

#1	1.7883	44.344	.70132	.05045	3.8840	.51715	.67044
#2	1.7866	44.227	.70023	.05063	3.9265	.51637	.67027
#3	1.7842	44.557	.70062	.05010	3.9104	.51520	.66986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.470	.35411	.36637	.88375	2.3753	.66269	5.9163
Stddev	.177	.00107	.00580	.00282	.0440	.00063	.0079
%RSD	.52823	.30258	1.5832	.31926	1.8542	.09574	.13389

#1	33.271	.35447	.36127	.88279	2.4261	.66238	5.9180
#2	33.608	.35495	.37268	.88693	2.3474	.66226	5.9233
#3	33.531	.35290	.36515	.88153	2.3525	.66342	5.9077

Sample Name: K2704-08A Acquired: 5/7/2019 14:36:52 Type: Unk
 Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8186 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28984	F 13.07	.10424	1.0935	F<.00000
Stddev	.00267	.03	.00150	.2743	.48992
%RSD	.92165	.2329	1.4391	25.085	.94315
#1	.28712	13.08	.10559	.88543	-52.482
#2	.29245	13.09	.10450	.99081	-51.831
#3	.28996	13.03	.10263	1.4044	-51.522
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4360.6	55611.	6151.5	83.226	4218.4
Stddev	7.1	79.	36.2	.892	7.3
%RSD	.16394	.14256	.58802	1.0724	.17191
#1	4355.0	55573.	6111.0	82.203	4210.9
#2	4368.7	55702.	6162.7	83.849	4225.4
#3	4358.1	55558.	6180.8	83.625	4218.9

Sample Name: LR CHECK 1 Acquired: 5/7/2019 15:39:20 Type: Unk
Method: P4-ICP2(v3098) 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	.04072	.05358	-.14684	-.15335	.03020	2196.9	-.00504	.02955
Stddev	.00059	.00627	.00231	.00731	.00390	5.7	.00111	.00017
%RSD	1.4611	11.693	1.5700	4.7674	12.923	.25976	21.988	.57621

#1	.04015	.06022	-.14634	-.15842	.03290	2191.0	-.00508	.02948
#2	.04134	.05275	-.14935	-.14497	.03198	2197.5	-.00391	.02942
#3	.04067	.04778	-.14482	-.15665	.02573	2202.3	-.00613	.02974

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01147	1941.6	-.09246	.04760	.58119	837.42	-.00835	1709.5
Stddev	.00125	32.8	.00065	.00052	.00669	3.52	.00006	3.0
%RSD	10.903	1.6879	.70498	1.1027	1.1513	.42076	.71982	.17302

#1	.01226	1906.6	-.09318	.04703	.58331	836.56	-.00839	1706.2
#2	.01003	1946.6	-.09190	.04770	.57369	834.42	-.00838	1711.8
#3	.01213	1971.6	-.09229	.04807	.58656	841.30	-.00828	1710.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05833	-.13621	1893.3	.01025	.00180	1078.9	-.03291	.26274
Stddev	.00150	.00091	2.3	.00004	.00284	5.0	.00171	.00385
%RSD	2.5756	.66819	.12126	.36930	157.91	.46491	5.2015	1.4645

#1	-.05906	-.13634	1895.1	.01029	.00395	1084.5	-.03486	.26500
#2	-.05661	-.13705	1894.0	.01025	-.00142	1074.7	-.03223	.25830
#3	-.05933	-.13524	1890.7	.01022	.00288	1077.7	-.03164	.26492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46729	-.00112	.01166	-.05854	.14437	.1505	-.90589	5.4163
Stddev	.00078	.00290	.00288	.00154	.00276	.0079	.00392	.0900
%RSD	.16682	258.82	24.717	2.6373	1.9148	5.237	.43299	1.6624

#1	.46639	-.00373	.01092	-.05813	.14207	.1444	-.90503	5.3123
#2	.46780	-.00162	.01484	-.06025	.14360	.1478	-.90248	5.4671
#3	.46767	.00200	.00922	-.05725	.14744	.1594	-.91018	5.4693

Sample Name: LR CHECK 1 Acquired: 5/7/2019 15:39:20 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 3.7965
%RSD 1.2164

#1 -314.17
#2 -307.73
#3 -314.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.5	34952.	4831.1	62.989	2460.3
Stddev	26.1	157.	47.1	1.095	29.8
%RSD	.92968	.44817	.97446	1.7391	1.2093

#1	2784.9	35097.	4862.9	62.088	2440.3
#2	2832.4	34972.	4853.3	64.209	2494.5
#3	2790.2	34786.	4777.0	62.671	2446.1

Sample Name: LR CHECK 2 Acquired: 5/7/2019 15:50:59 Type: Unk
Method: P4-ICP2(v3098) 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	.00091	-.01031	250.81	.03638	-.04913	-.30000	96.707	-.00111
Stddev	.00378	.00215	.26	.00170	.00238	.01106	2.761	.00009
%RSD	412.88	20.898	.10415	4.6675	4.8429	3.6866	2.8552	8.2558

#1	-.00338	-.00953	250.89	.03461	-.05130	-.30965	93.705	-.00120
#2	.00371	-.00865	251.02	.03654	-.04658	-.28793	97.277	-.00111
#3	.00242	-.01274	250.52	.03799	-.04952	-.30243	99.138	-.00102

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00937	.17664	-.13778	-.00449	274.94	-.85163	40.954	-.09650
Stddev	.00006	.00859	.00028	.00040	2.06	.00189	.376	.01885
%RSD	.63996	4.8607	.19975	8.9071	.74793	.22218	.91761	19.539

#1	-.00934	.17572	-.13810	-.00464	277.19	-.85378	41.037	-.07505
#2	-.00934	.16856	-.13767	-.00404	274.46	-.85021	40.543	-.11048
#3	-.00944	.18565	-.13759	-.00480	273.16	-.85090	41.281	-.10396

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.494	.00362	.26108	-.21473	32.384	.40392	-.01649	-.00425
Stddev	.081	.00040	.01585	.00149	.108	.02725	.00032	.00638
%RSD	.16734	10.954	6.0709	.69230	.33488	6.7460	1.9651	149.85

#1	48.536	.00383	.26274	-.21431	32.466	.42026	-.01612	.00025
#2	48.545	.00386	.27604	-.21350	32.424	.41904	-.01665	-.00146
#3	48.400	.00316	.24447	-.21638	32.261	.37247	-.01671	-.01155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11262	.00870	-.00509	.02126	-.00411	.2251	.00235	2.3169
Stddev	.00258	.00162	.00081	.00237	.00068	.0079	.00009	.1695
%RSD	2.2895	18.599	15.842	11.132	16.558	3.504	3.7560	7.3144

#1	.11081	.00936	-.00447	.02112	-.00462	.2164	.00227	2.4204
#2	.11557	.00988	-.00600	.02369	-.00437	.2272	.00234	2.4088
#3	.11147	.00686	-.00481	.01897	-.00334	.2318	.00244	2.1213

Sample Name: LR CHECK 2 Acquired: 5/7/2019 15:50:59 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.55294
Stddev	.23313
%RSD	42.162

#1	.75436
#2	.60690
#3	.29757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.1	54303.	5774.9	86.886	4482.6
Stddev	20.6	126.	91.0	3.013	17.6
%RSD	.59951	.23255	1.5763	3.4678	.39298

#1	3419.3	54283.	5783.7	88.708	4464.9
#2	3447.5	54438.	5861.1	88.542	4482.6
#3	3459.5	54187.	5679.7	83.408	4500.2

Sample Name: CCV04 Acquired: 5/7/2019 16:12:05 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9865	5.1004	4.9302	5.0897	4.9903	9.8891	10.111	.25191
Stddev	.0149	.0117	.0125	.0127	.0155	.0419	.052	.00039
%RSD	.29955	.22849	.25402	.24863	.31090	.42388	.51247	.15569
#1	4.9876	5.1016	4.9344	5.1016	5.0062	9.8411	10.056	.25234
#2	5.0008	5.1113	4.9401	5.0912	4.9896	9.9074	10.120	.25181
#3	4.9710	5.0881	4.9161	5.0764	4.9752	9.9187	10.158	.25157
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4654	25.152	1.0015	2.4735	1.2440	5.0275	2.5197	24.679
Stddev	.0008	.129	.0014	.0024	.0007	.0171	.0083	.172
%RSD	.03114	.51373	.14074	.09732	.05382	.34110	.32999	.69614
#1	2.4657	25.003	1.0023	2.4719	1.2437	5.0464	2.5293	24.485
#2	2.4645	25.234	.99991	2.4724	1.2436	5.0232	2.5153	24.739
#3	2.4659	25.219	1.0024	2.4763	1.2448	5.0129	2.5146	24.813
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4977	1.2462	25.092	2.5248	2.4667	25.214	5.0037	4.9962
Stddev	.0026	.0016	.156	.0046	.0016	.192	.0054	.0394
%RSD	.10261	.12869	.62129	.18030	.06619	.76089	.10761	.78888
#1	2.4959	1.2468	24.928	2.5287	2.4686	25.016	5.0083	4.9655
#2	2.4967	1.2444	25.109	2.5198	2.4659	25.228	5.0050	4.9824
#3	2.5007	1.2475	25.238	2.5260	2.4657	25.399	4.9978	5.0406
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0508	4.9700	4.9951	5.0424	5.0230	5.155	5.0797	F 3.3266
Stddev	.0131	.0285	.0041	.0373	.0381	.016	.0294	.3491
%RSD	.25837	.57315	.08256	.73920	.75833	.3117	.57833	10.493
#1	5.0656	4.9391	4.9905	5.0029	4.9795	5.153	5.0458	3.7254
#2	5.0458	4.9952	4.9960	5.0474	5.0501	5.173	5.0981	3.1779
#3	5.0409	4.9756	4.9986	5.0770	5.0395	5.141	5.0951	3.0766

Sample Name: CCV04 Acquired: 5/7/2019 16:12:05 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0856
Stddev .9710
%RSD 46.559

#1 3.1472
#2 1.8675
#3 1.2422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4032.8	50956.	5642.3	80.423	4230.6
Stddev	10.7	95.	19.6	.566	4.7
%RSD	.26424	.18739	.34791	.70436	.11166

#1	4022.6	51007.	5652.8	80.368	4226.1
#2	4032.0	50846.	5619.7	79.885	4230.2
#3	4043.8	51015.	5654.4	81.014	4235.5

Sample Name: CCB04 Acquired: 5/7/2019 16:16:03 Type: Unk
Method: P4-ICP2(v3098) 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	-.00209	.00205	F .01190	.00126	-.00112	-.01304	.00042	.00004
Stddev	.00114	.00147	.00181	.00037	.00123	.00861	.00010	.00000
%RSD	54.463	71.584	15.194	29.227	109.87	66.045	22.803	6.4439

#1	-.00083	.00342	.01364	.00106	-.00093	-.00461	.00035	.00004
#2	-.00240	.00223	.01204	.00168	-.00243	-.01269	.00037	.00004
#3	-.00304	.00050	.01003	.00103	.00000	-.02182	.00053	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00689	-.00018	.00012	-.00057	-.00025	.00001	-.00594
Stddev	.00001	.00104	.00022	.00007	.00033	.00032	.00002	.00582
%RSD	9.0143	15.127	126.37	59.038	57.970	128.64	324.68	98.025

#1	.00006	-.00693	-.00024	.00012	-.00044	.00004	.00000	-.00669
#2	.00007	-.00582	-.00036	.00005	-.00032	-.00060	-.00001	-.01135
#3	.00006	-.00790	.00007	.00020	-.00094	-.00020	.00002	.00022

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00029	-.02385	.00018	-.00184	.01900	.00039	-.00256
Stddev	.00026	.00021	.01400	.00032	.00006	.00633	.00022	.00512
%RSD	71.627	72.972	58.705	177.79	3.5256	33.307	55.179	200.20

#1	.00057	-.00018	-.03903	-.00007	-.00179	.02115	.00017	-.00120
#2	.00042	-.00053	-.02107	.00053	-.00191	.01188	.00061	-.00822
#3	.00007	-.00015	-.01145	.00007	-.00181	.02397	.00040	.00175

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00374	-.00159	-.00096	-.00213	.0001	.00001	1.6446
Stddev	.00143	.00258	.00044	.00107	.00144	.0008	.00004	.1335
%RSD	265.39	69.056	27.873	111.21	67.396	665.6	496.66	8.1159

#1	.00021	-.00104	-.00196	.00026	-.00197	-.0004	.00003	1.6517
#2	.00211	-.00618	-.00110	-.00140	-.00078	-.0003	-.00004	1.5077
#3	-.00070	-.00399	-.00172	-.00175	-.00364	.0011	.00003	1.7744

Sample Name: CCB04 Acquired: 5/7/2019 16:16:03 Type: Unk
Method: P4-ICP2(v3098) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.43815
Stddev	.83746
%RSD	191.14

#1	-.23957
#2	.17963
#3	1.3744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4194.2	53379.	5711.7	85.025	4733.8
Stddev	6.5	72.	22.3	1.814	6.5
%RSD	.15428	.13553	.39029	2.1329	.13792

#1	4191.4	53297.	5688.1	86.675	4732.6
#2	4201.6	53404.	5732.3	83.083	4740.8
#3	4189.6	53435.	5714.6	85.317	4727.9